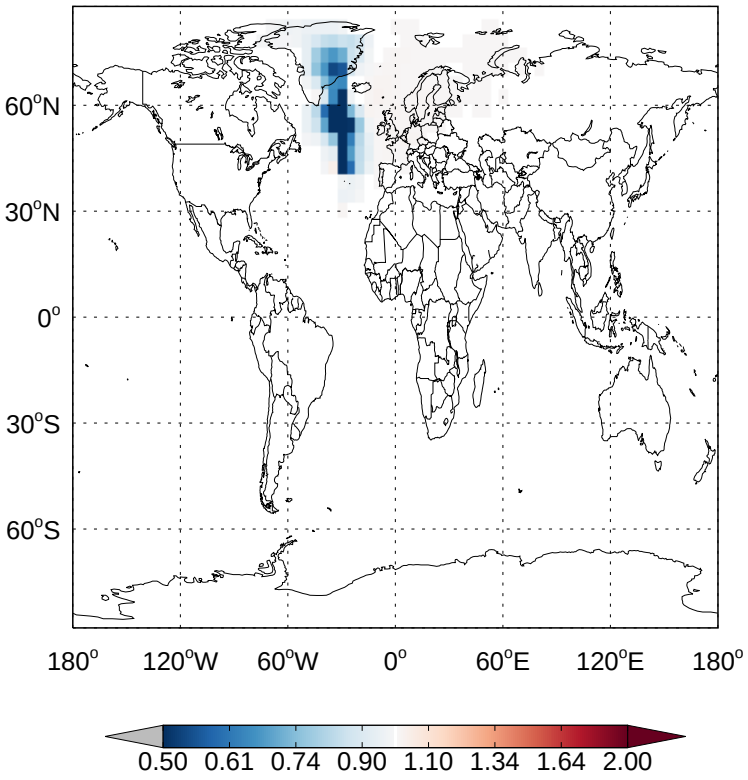
GEOS-Chem Ratio Maps at surface and 500 hPa

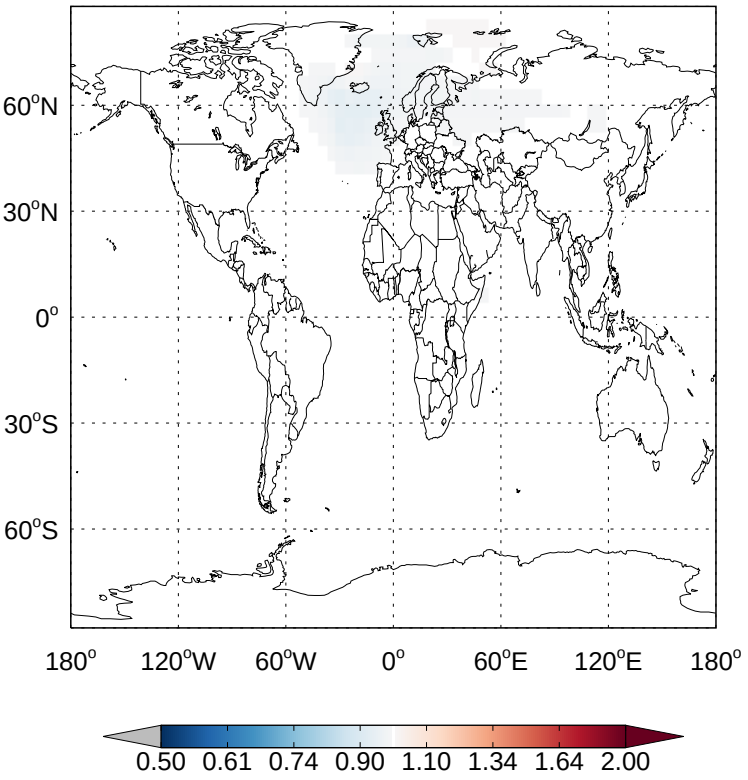
v11-01-public-Run0 / v11-01k-Run0

NO / Ratio @ Surface for Oct



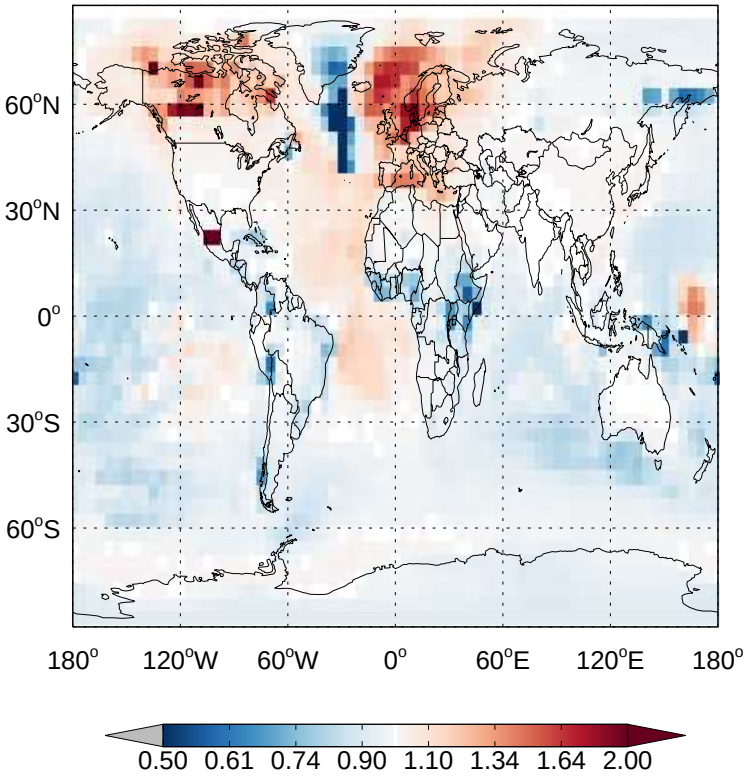
v11-01-public-Run0 / v11-01k-Run0

NO/ Ratio @ 500 hPa for Oct



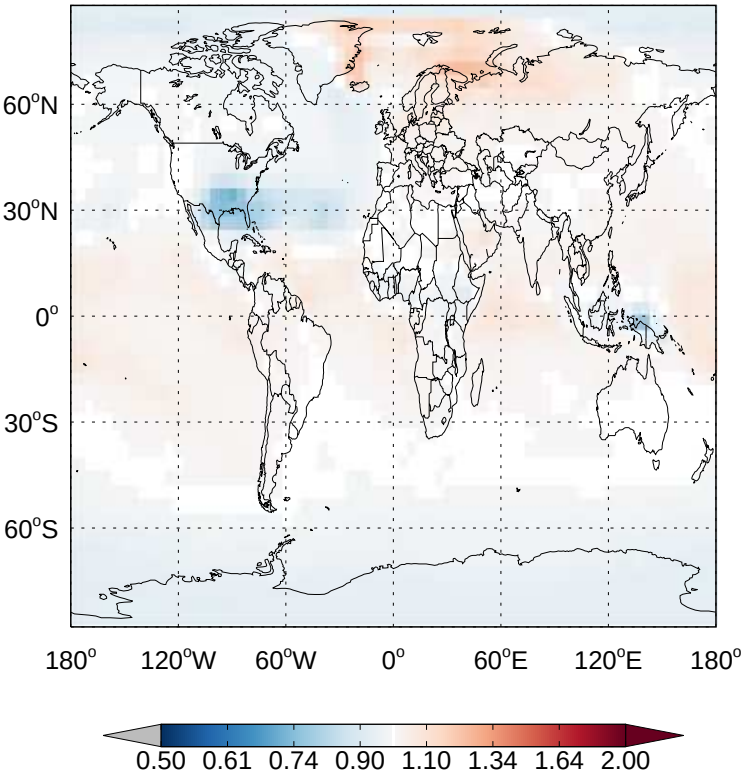
v11-01-public-Run0 / v11-01g-Run0

NO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

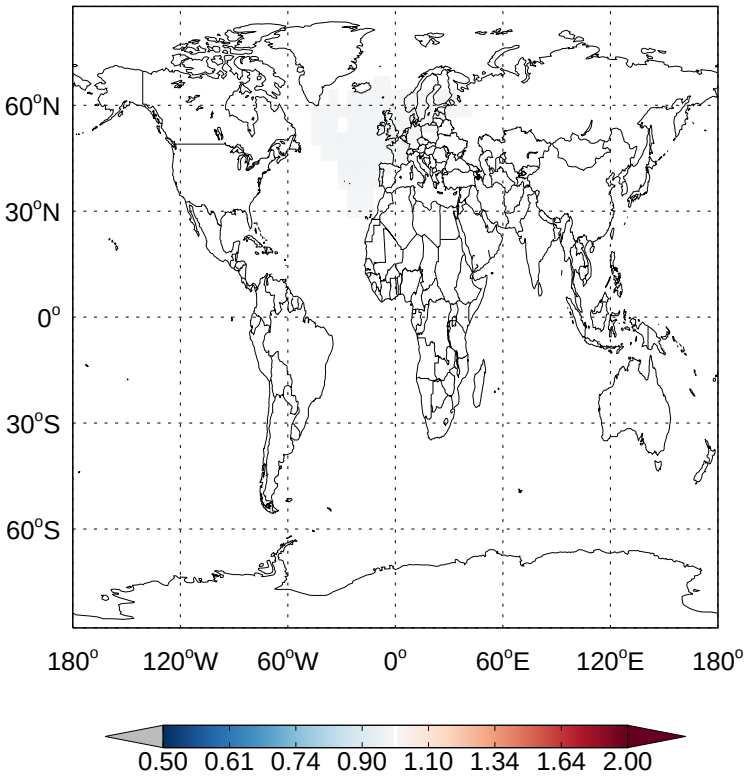
NO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

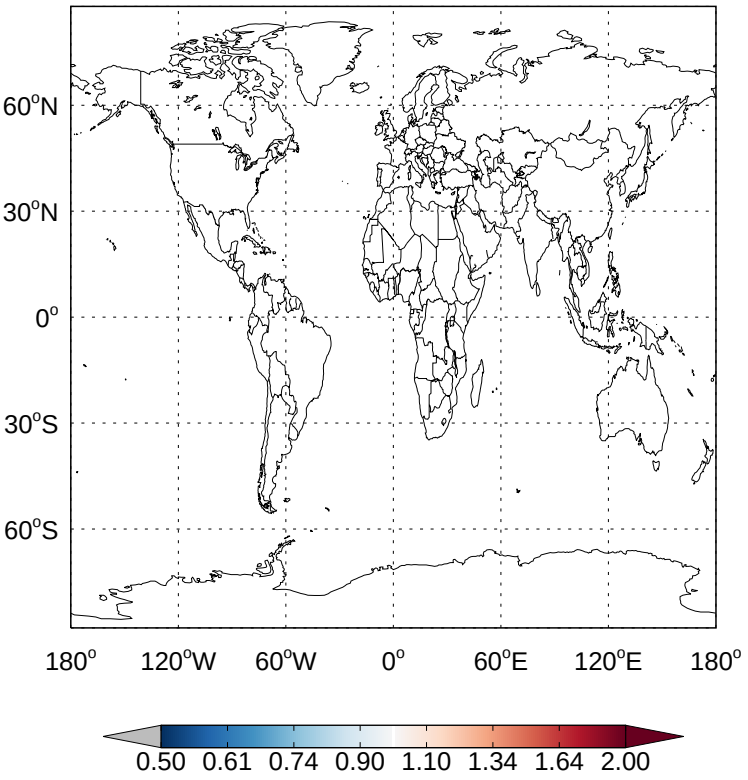
v11-01-public-Run0 / v11-01k-Run0

O3 / Ratio @ Surface for Oct



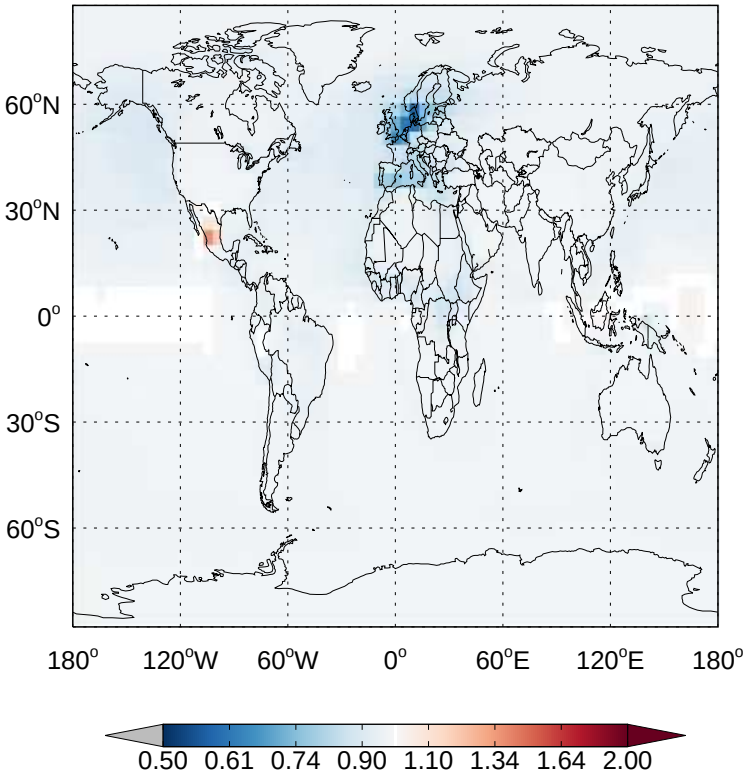
v11-01-public-Run0 / v11-01k-Run0

O3/ Ratio @ 500 hPa for Oct



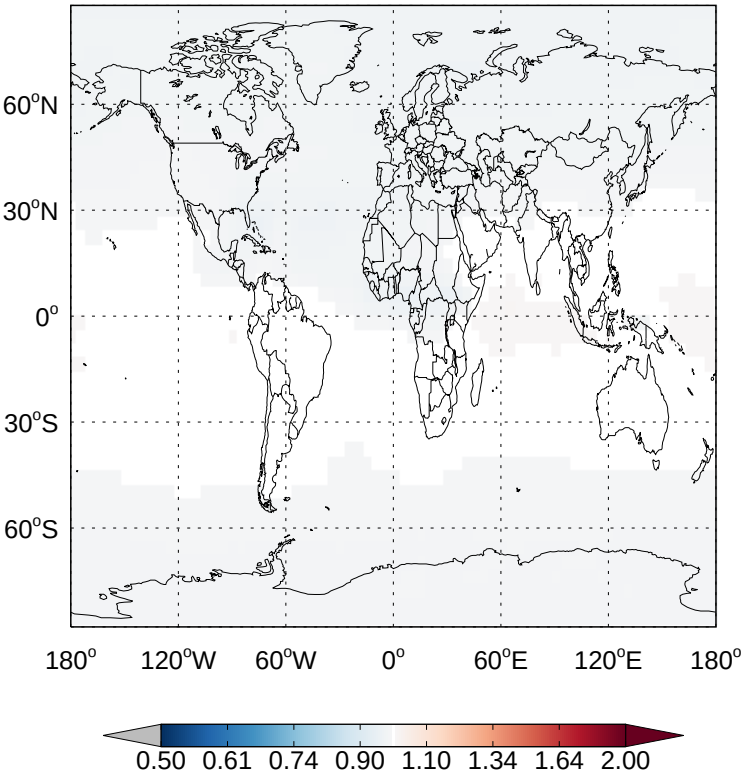
v11-01-public-Run0 / v11-01g-Run0

O3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

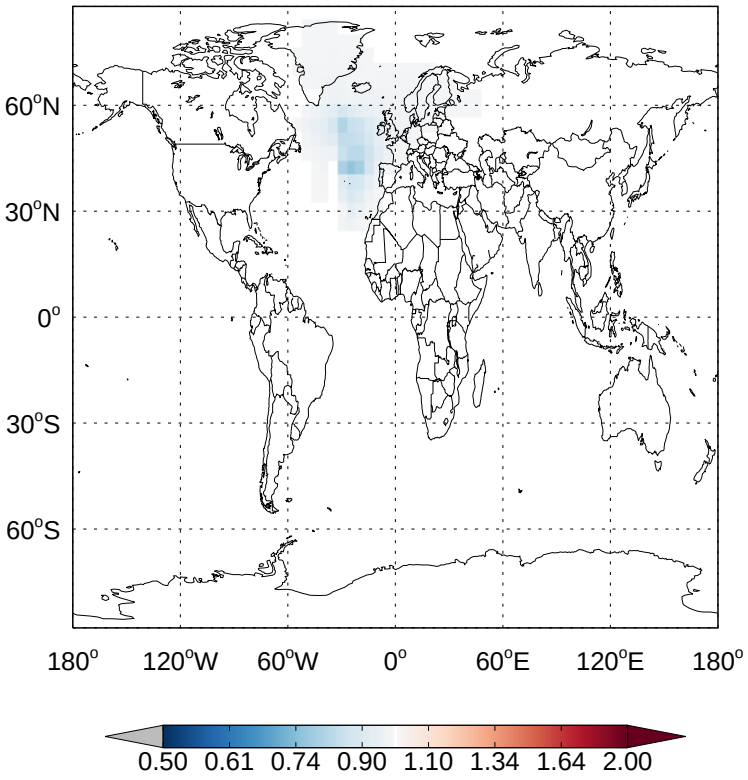
O3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

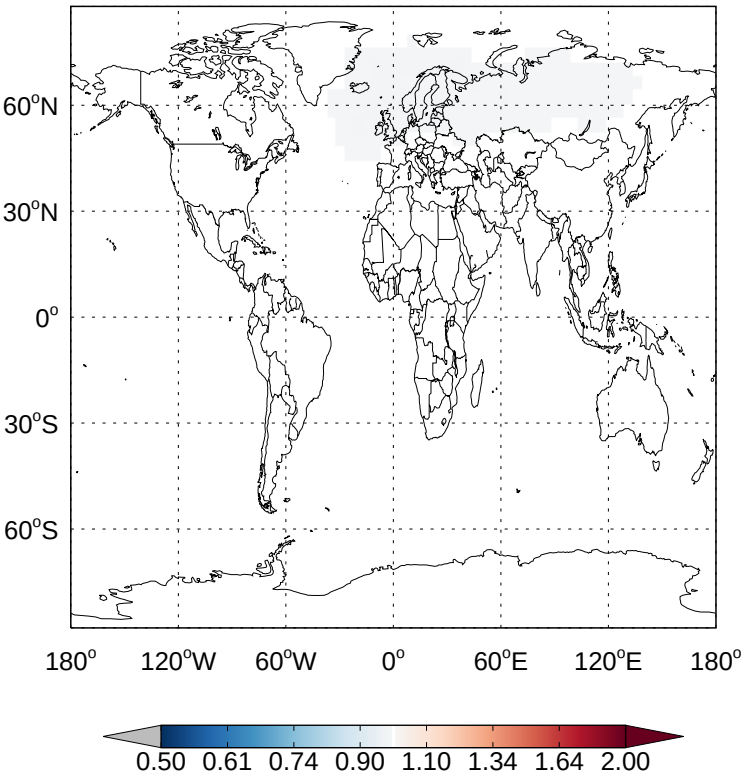
v11-01-public-Run0 / v11-01k-Run0

PAN / Ratio @ Surface for Oct



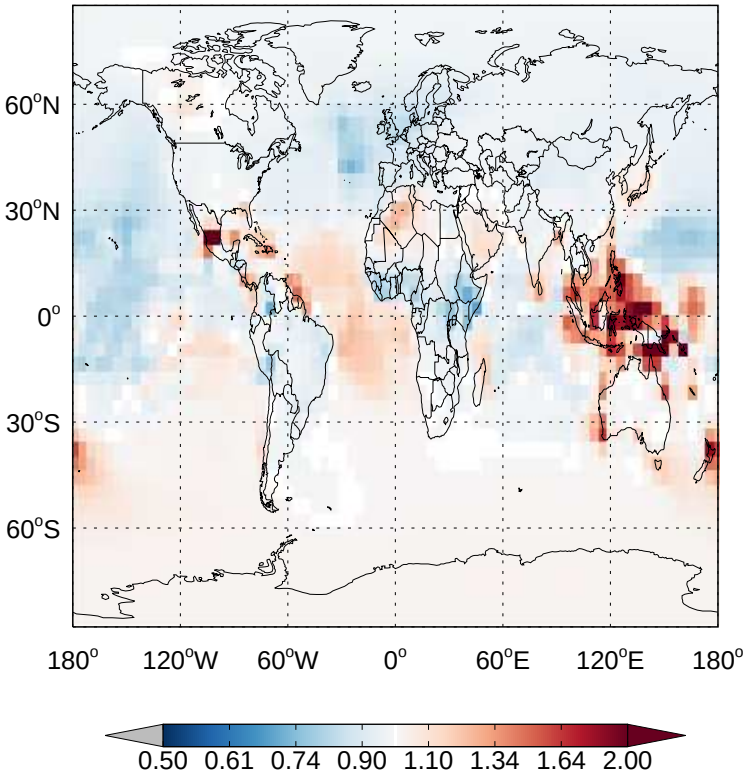
v11-01-public-Run0 / v11-01k-Run0

PAN/ Ratio @ 500 hPa for Oct



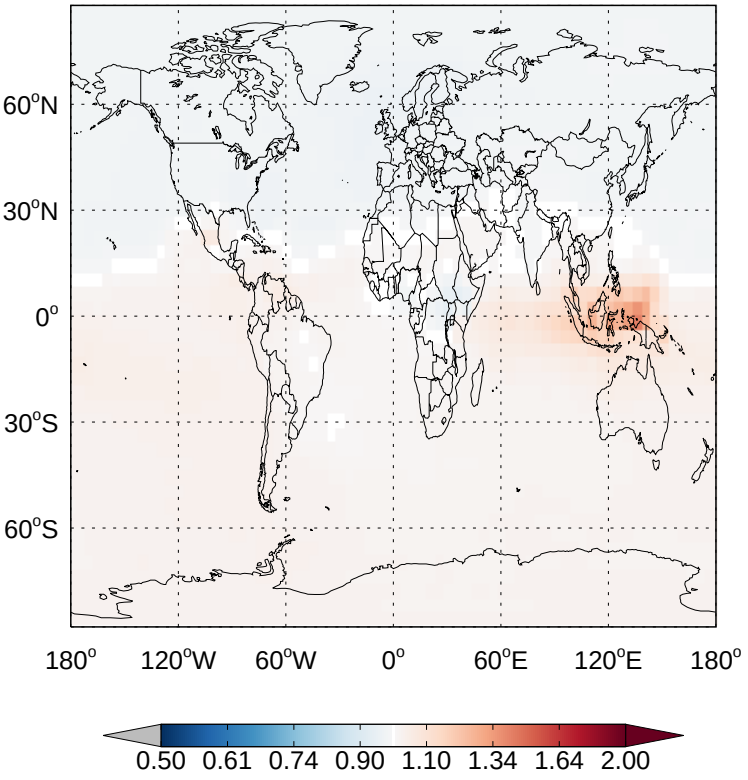
v11-01-public-Run0 / v11-01g-Run0

PAN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

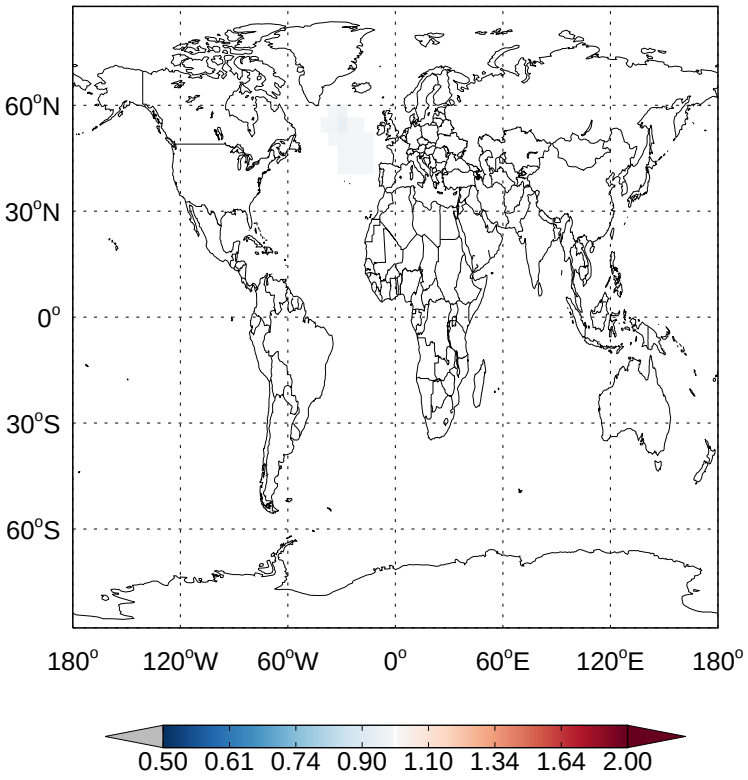
PAN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

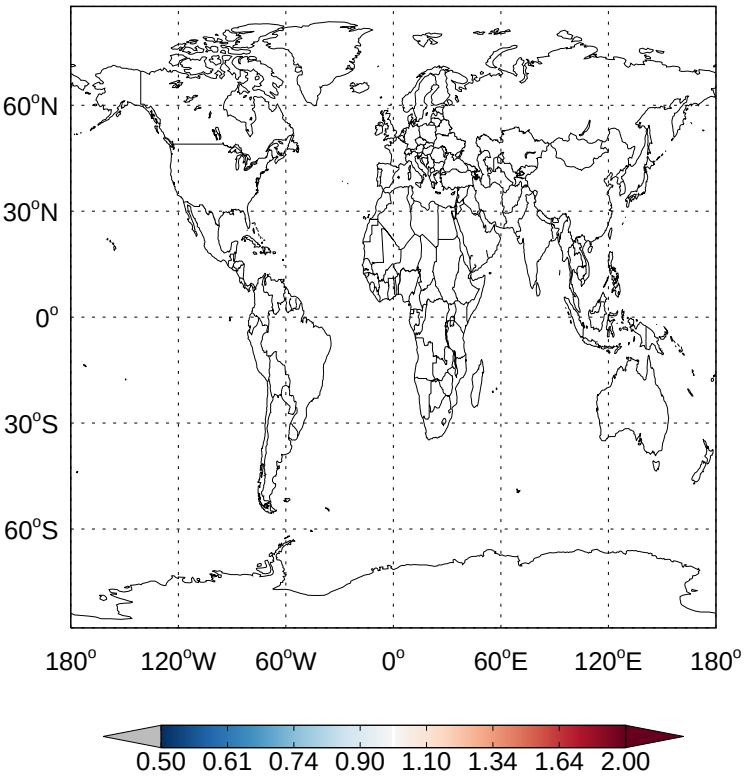
v11-01-public-Run0 / v11-01k-Run0

CO / Ratio @ Surface for Oct



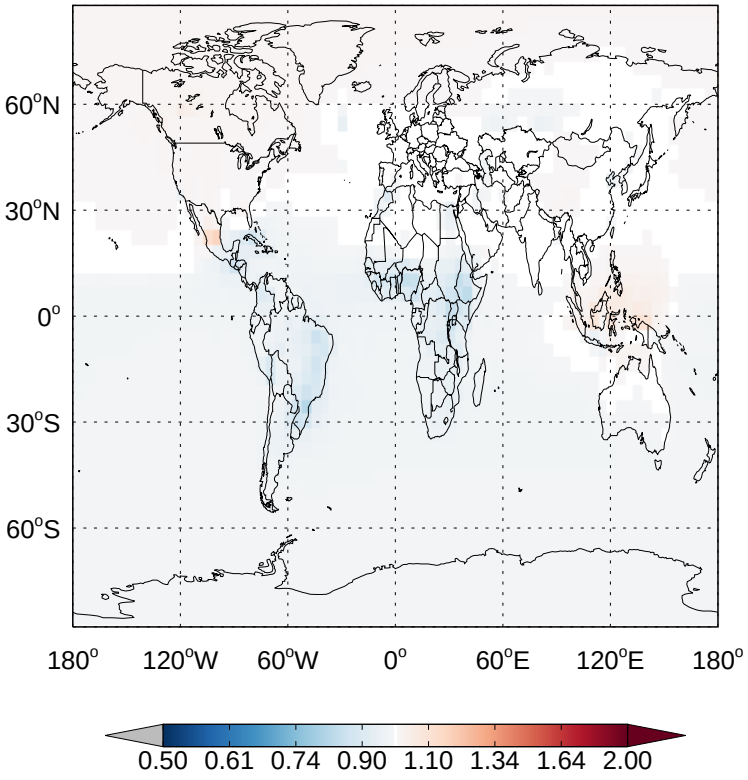
v11-01-public-Run0 / v11-01k-Run0

CO/ Ratio @ 500 hPa for Oct



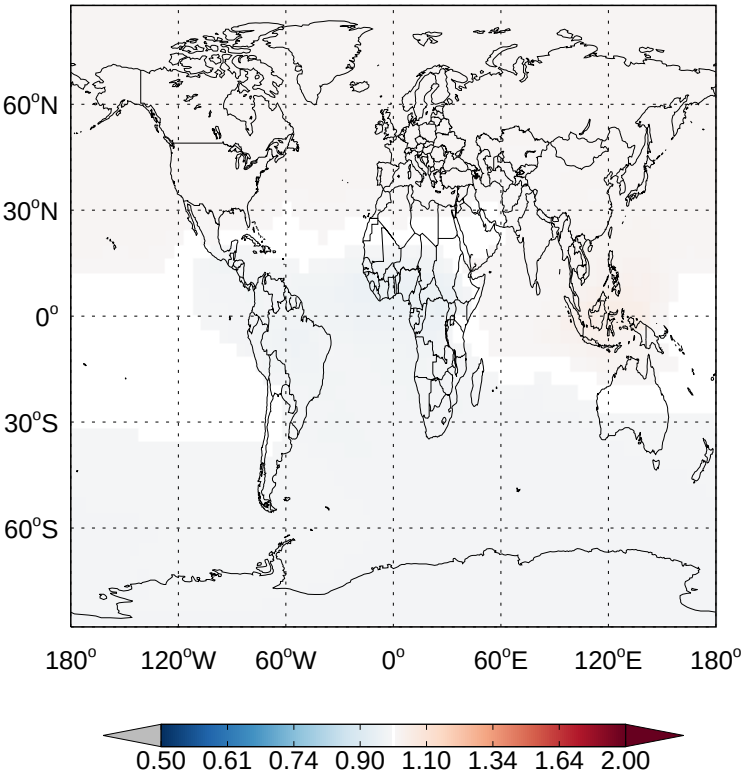
v11-01-public-Run0 / v11-01g-Run0

CO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

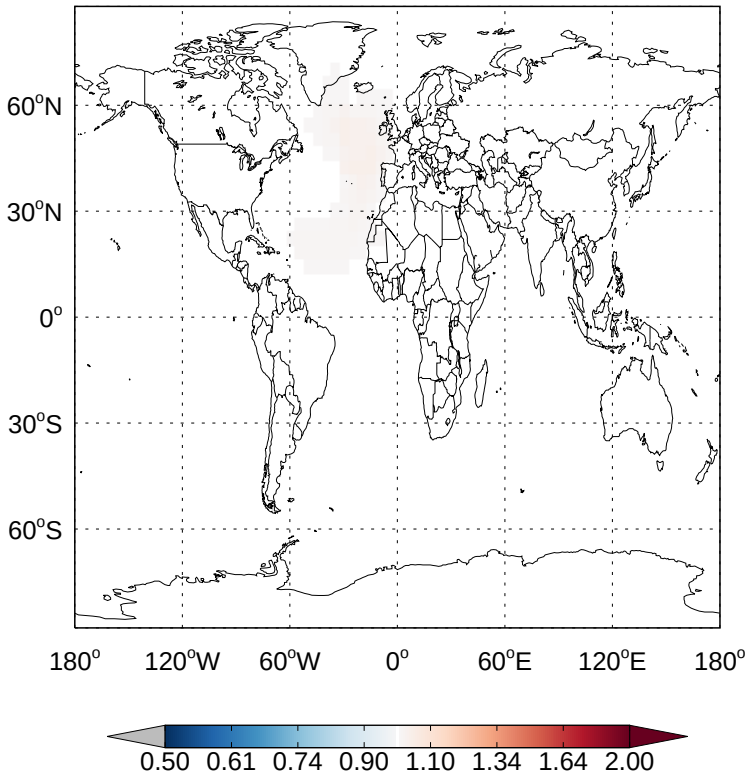
CO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

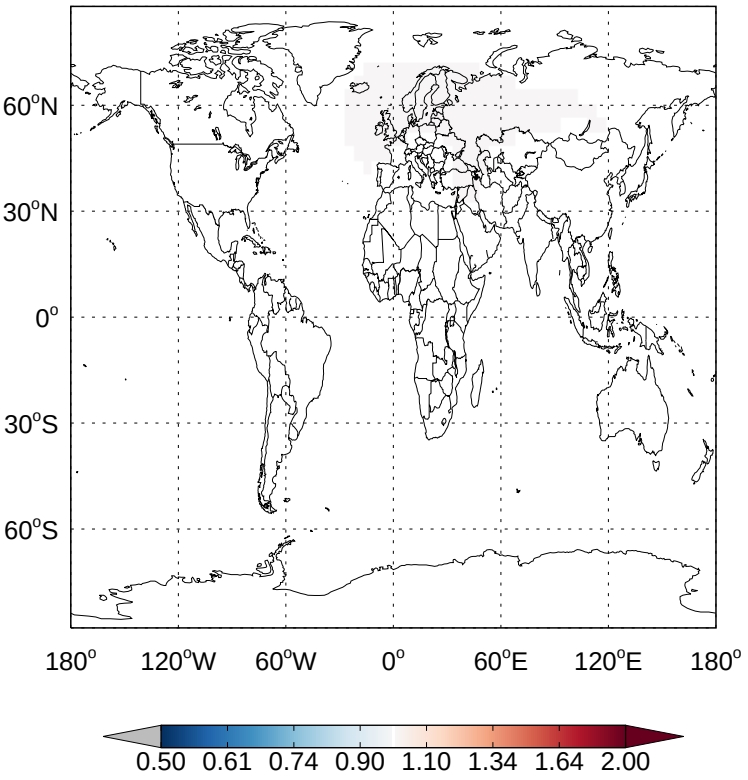
v11-01-public-Run0 / v11-01k-Run0

ALK4 / Ratio @ Surface for Oct



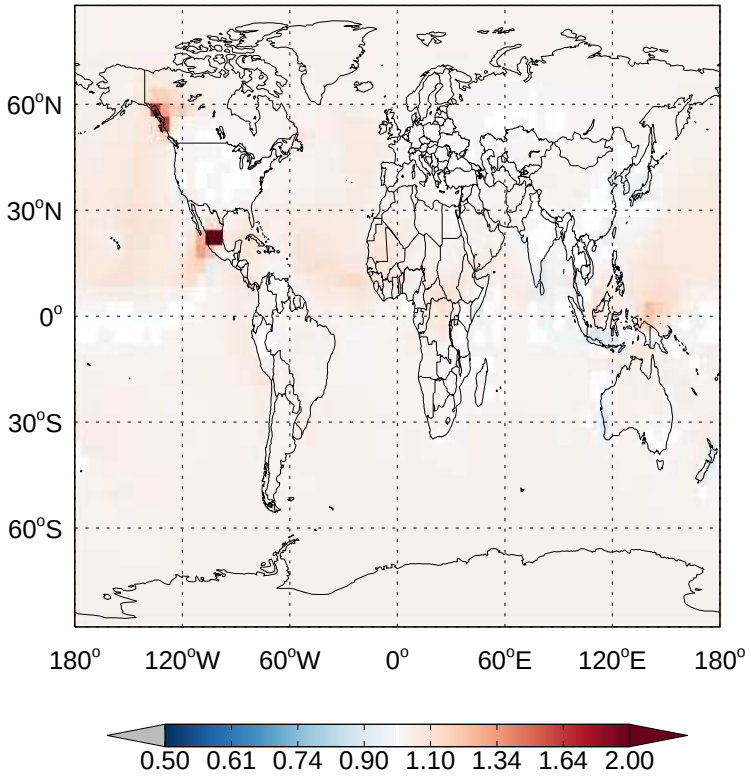
v11-01-public-Run0 / v11-01k-Run0

ALK4/ Ratio @ 500 hPa for Oct



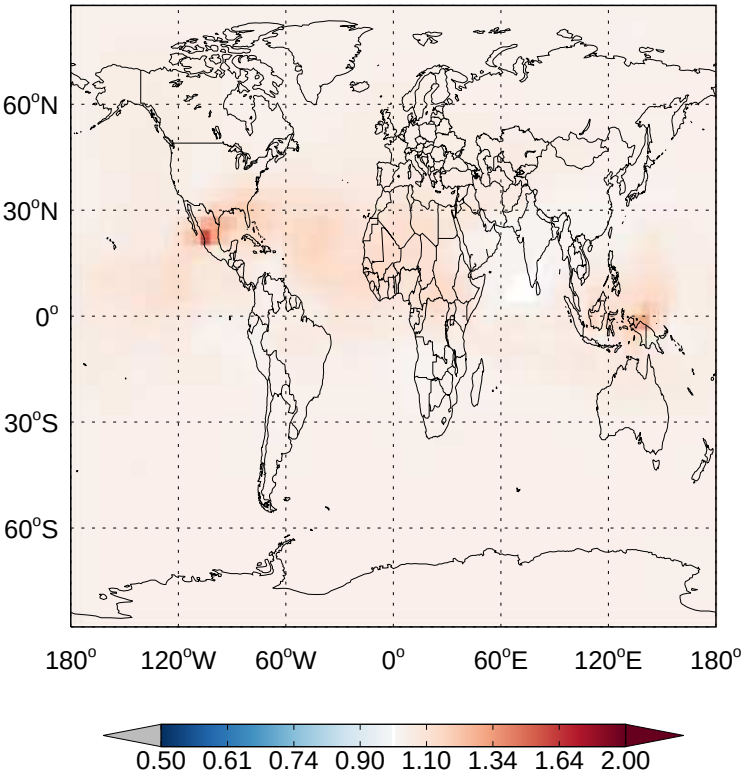
v11-01-public-Run0 / v11-01g-Run0

ALK4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

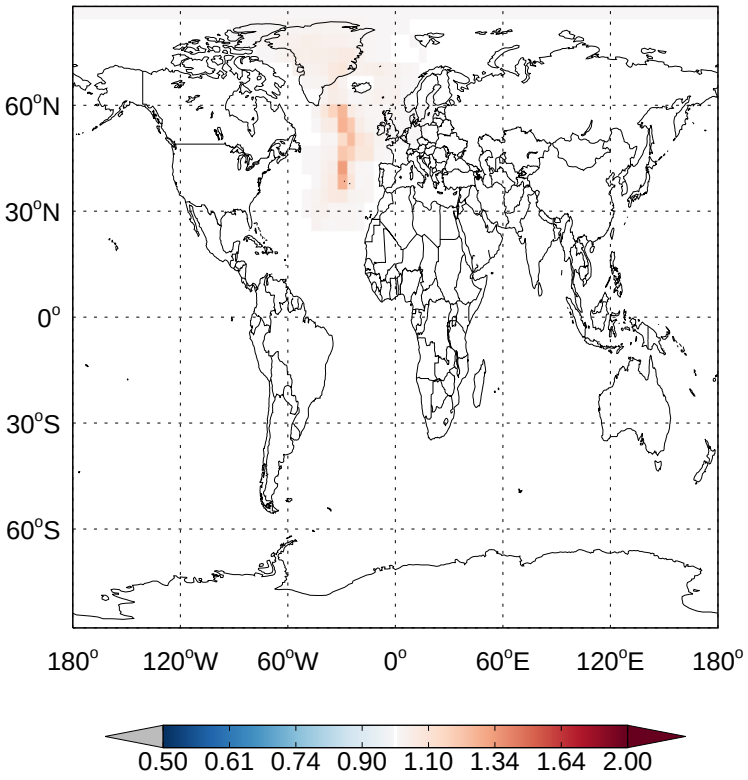
ALK4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

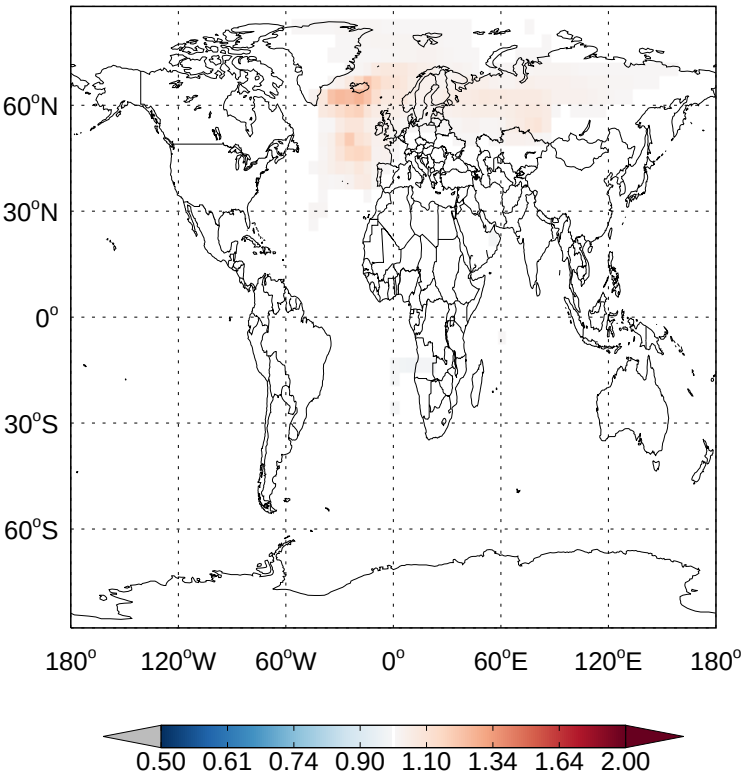
v11-01-public-Run0 / v11-01k-Run0

ISOP / Ratio @ Surface for Oct



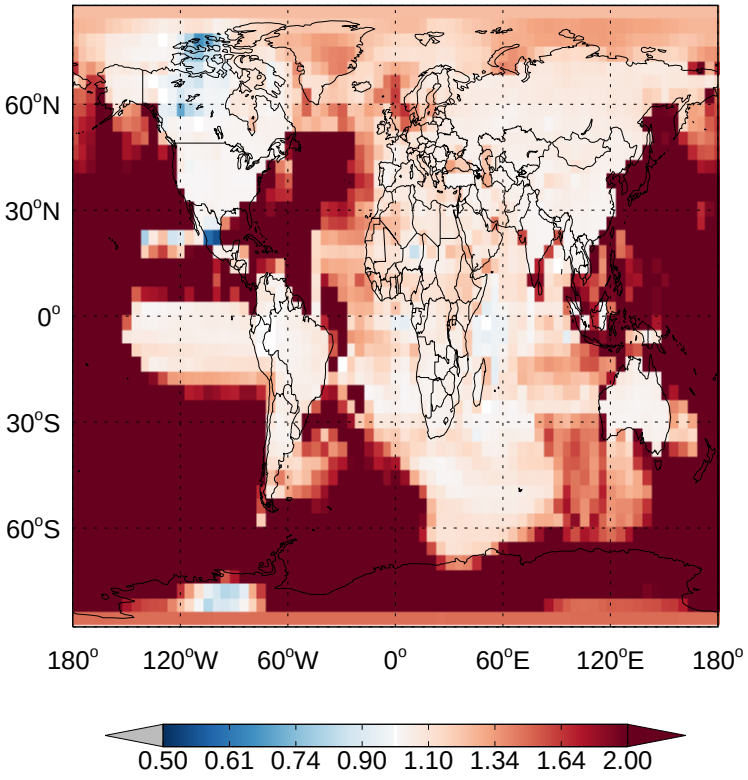
v11-01-public-Run0 / v11-01k-Run0

ISOP/ Ratio @ 500 hPa for Oct



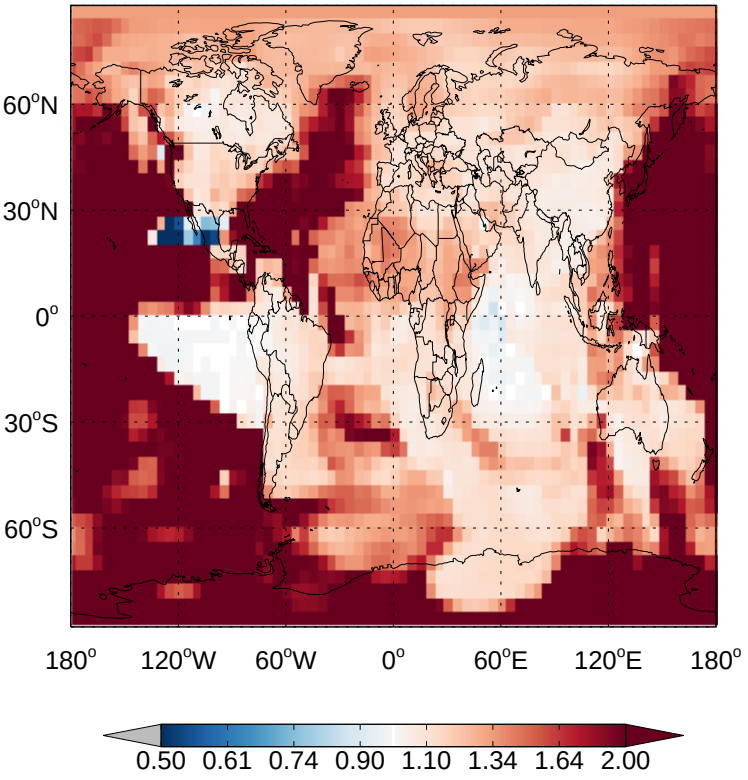
v11-01-public-Run0 / v11-01g-Run0

ISOP / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

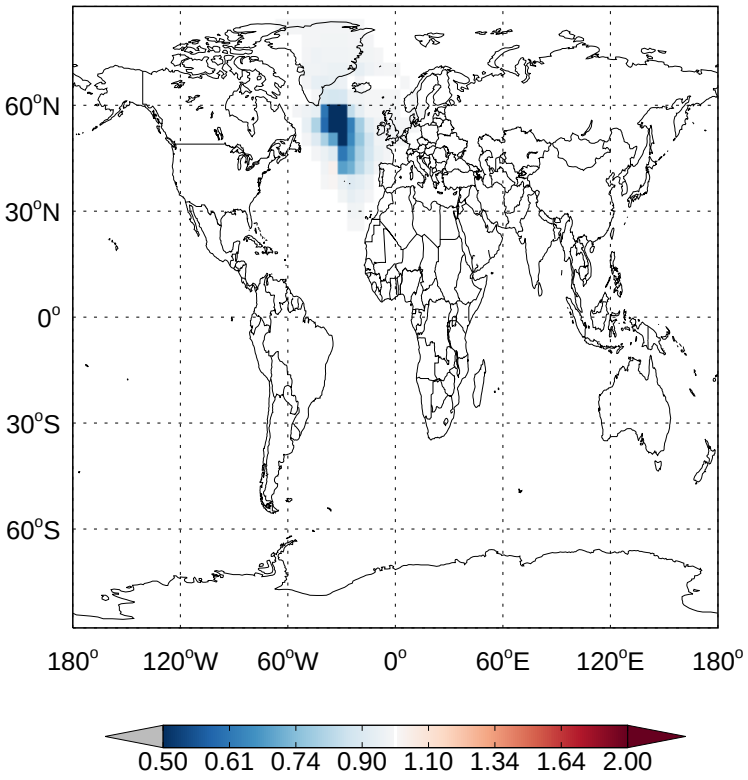
ISOP/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

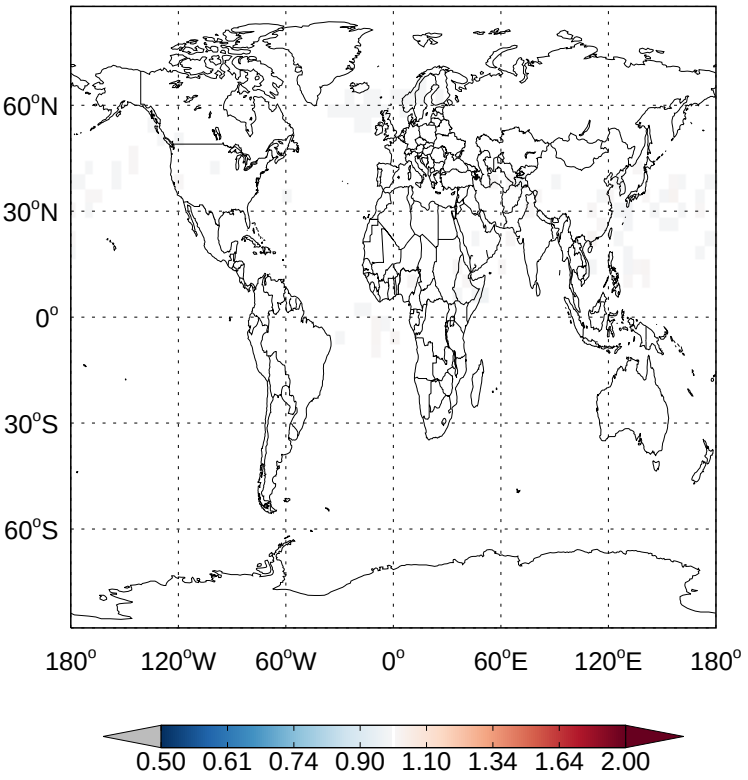
v11-01-public-Run0 / v11-01k-Run0

HNO3 / Ratio @ Surface for Oct



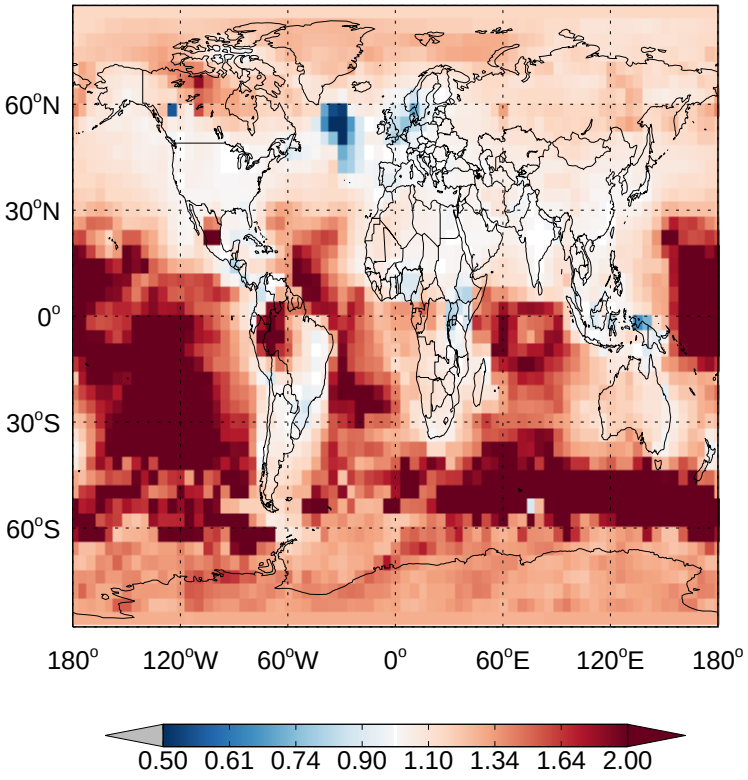
v11-01-public-Run0 / v11-01k-Run0

HNO3/ Ratio @ 500 hPa for Oct



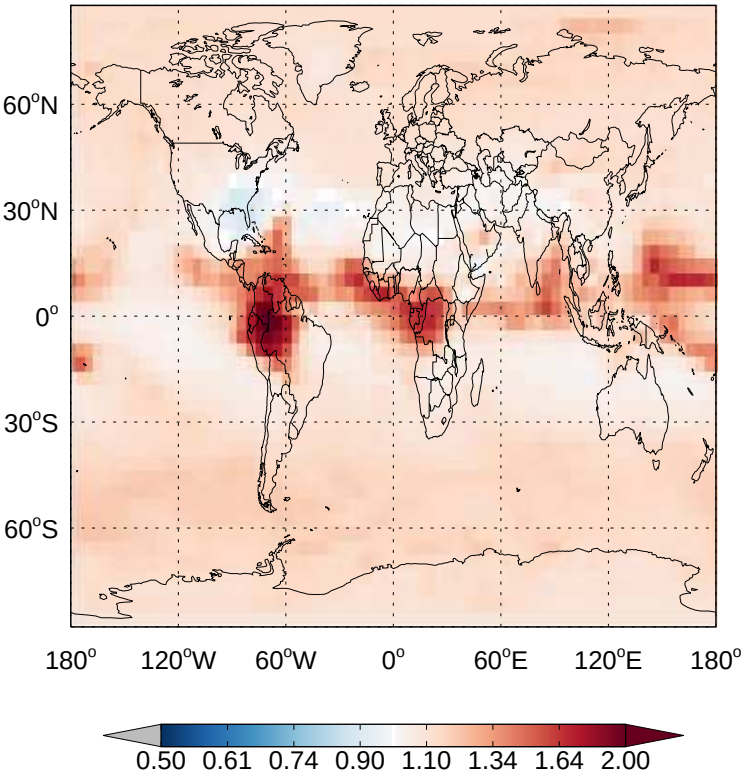
v11-01-public-Run0 / v11-01g-Run0

HNO3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

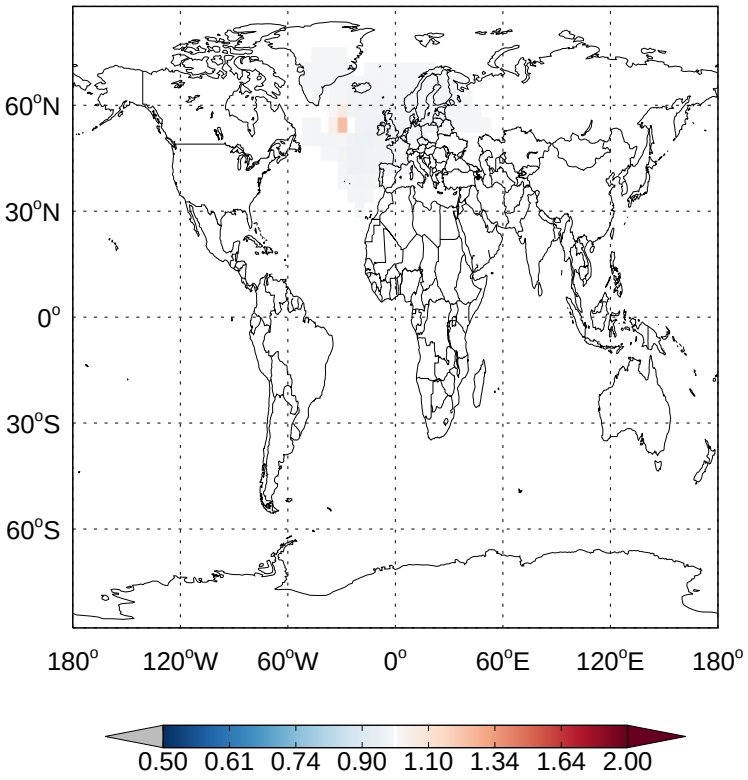
HNO3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

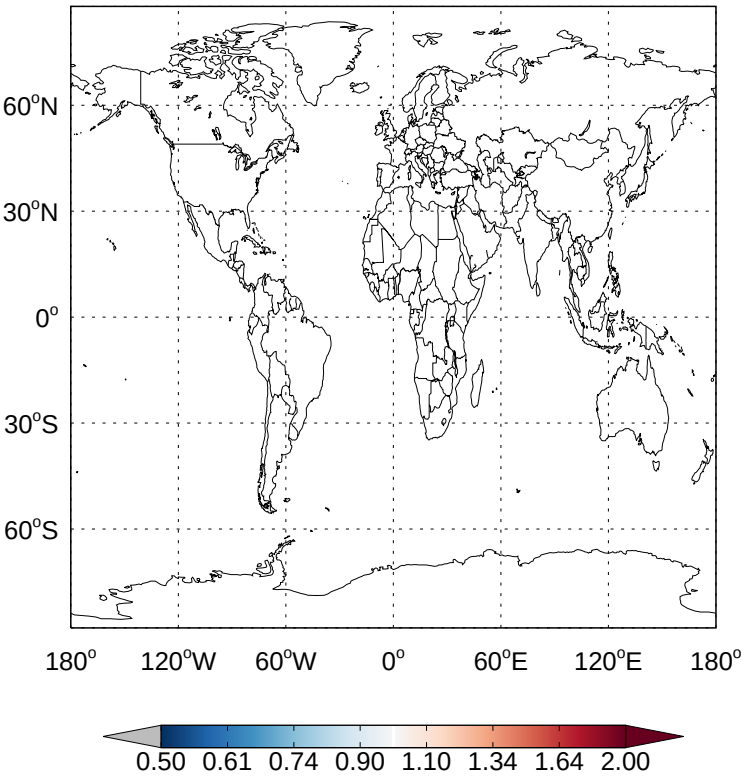
v11-01-public-Run0 / v11-01k-Run0

H2O2 / Ratio @ Surface for Oct



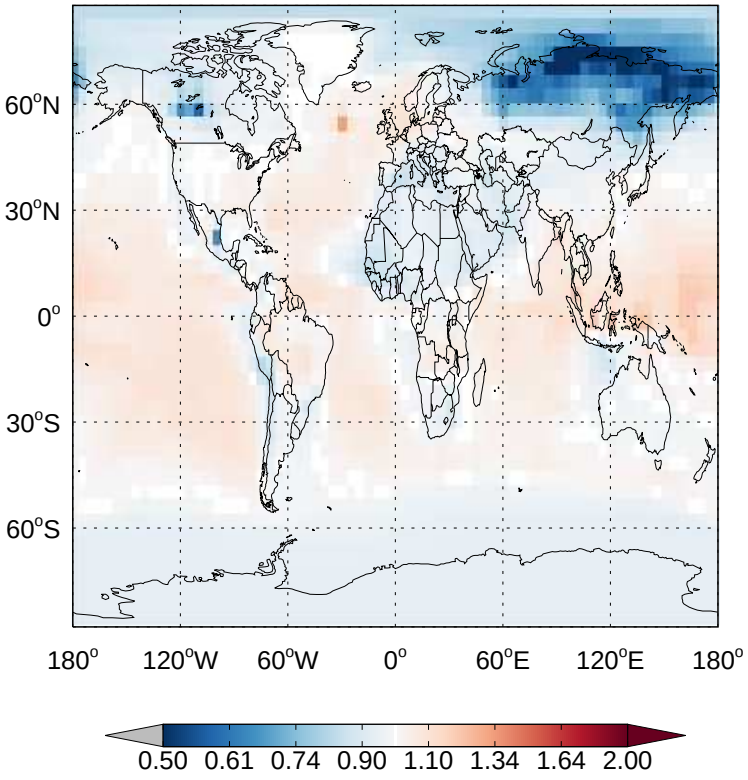
v11-01-public-Run0 / v11-01k-Run0

H2O2/ Ratio @ 500 hPa for Oct



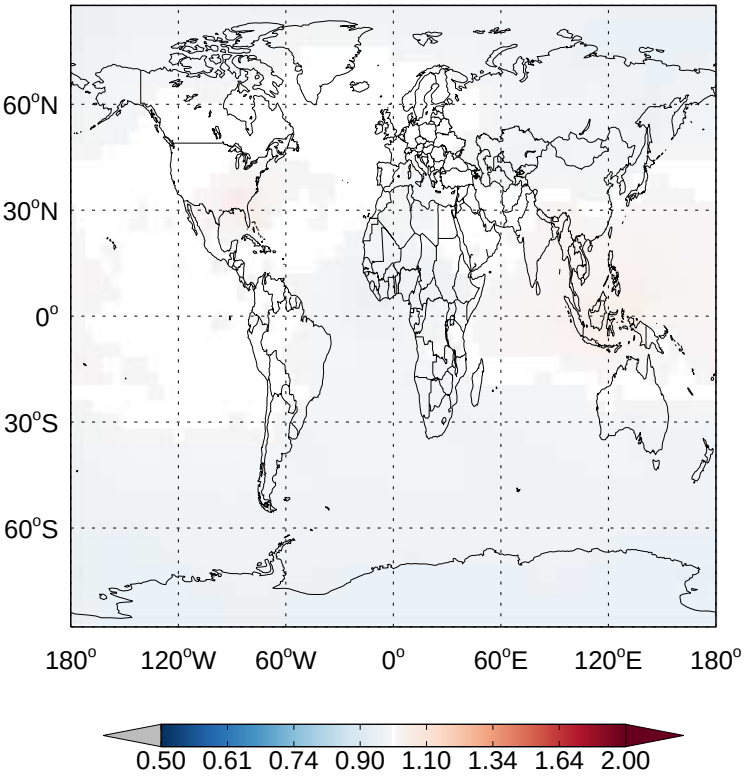
v11-01-public-Run0 / v11-01g-Run0

H2O2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

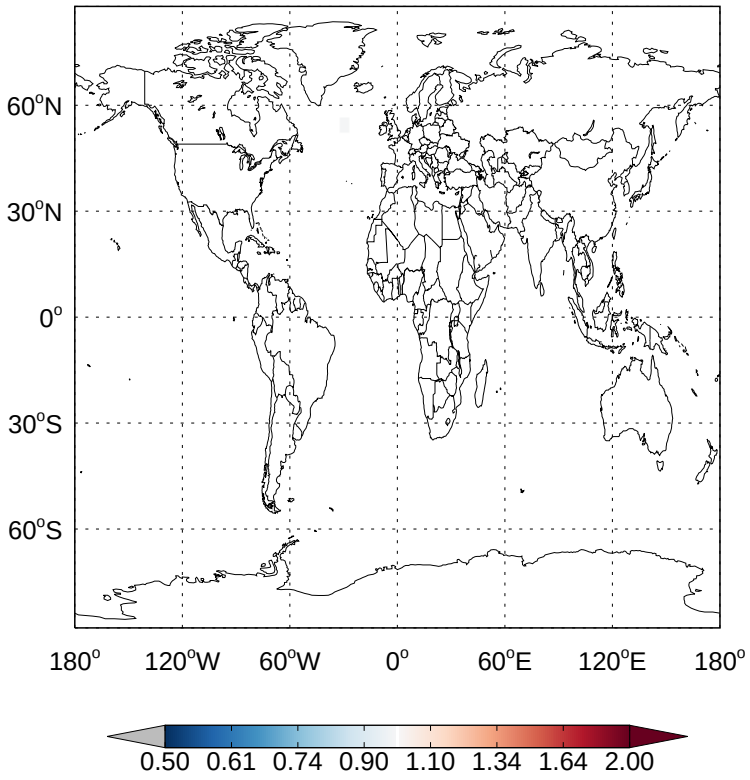
H2O2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

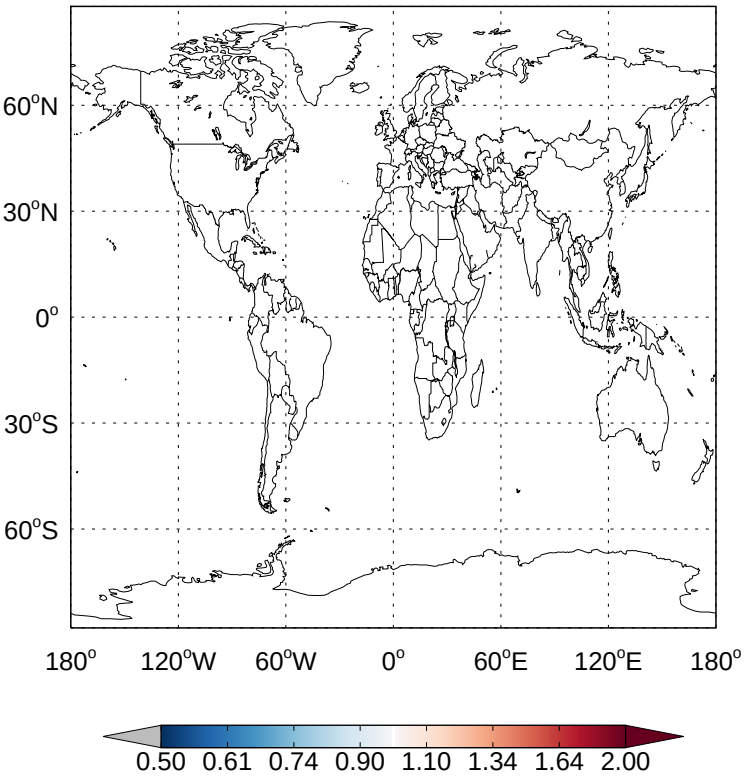
v11-01-public-Run0 / v11-01k-Run0

ACET / Ratio @ Surface for Oct



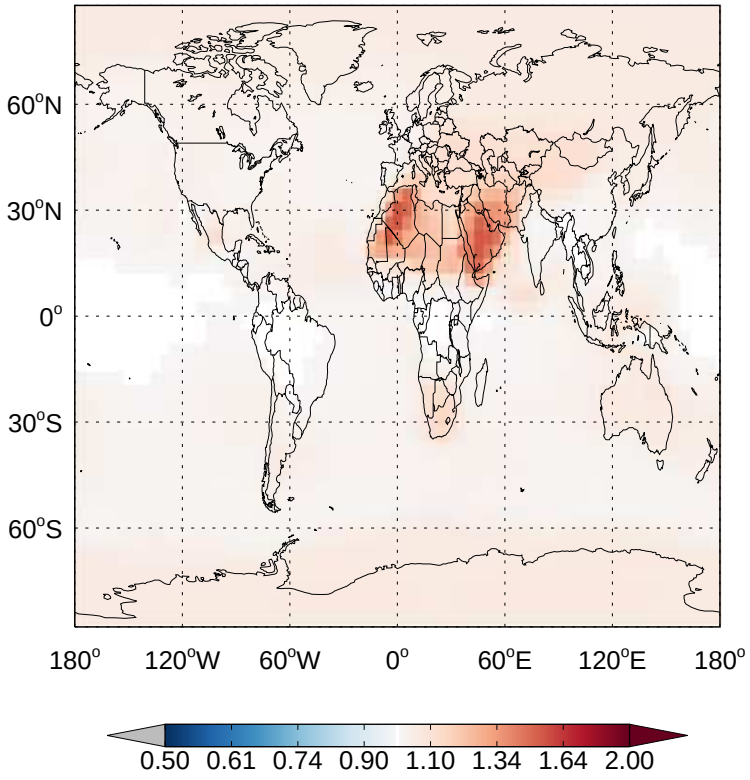
v11-01-public-Run0 / v11-01k-Run0

ACET/ Ratio @ 500 hPa for Oct



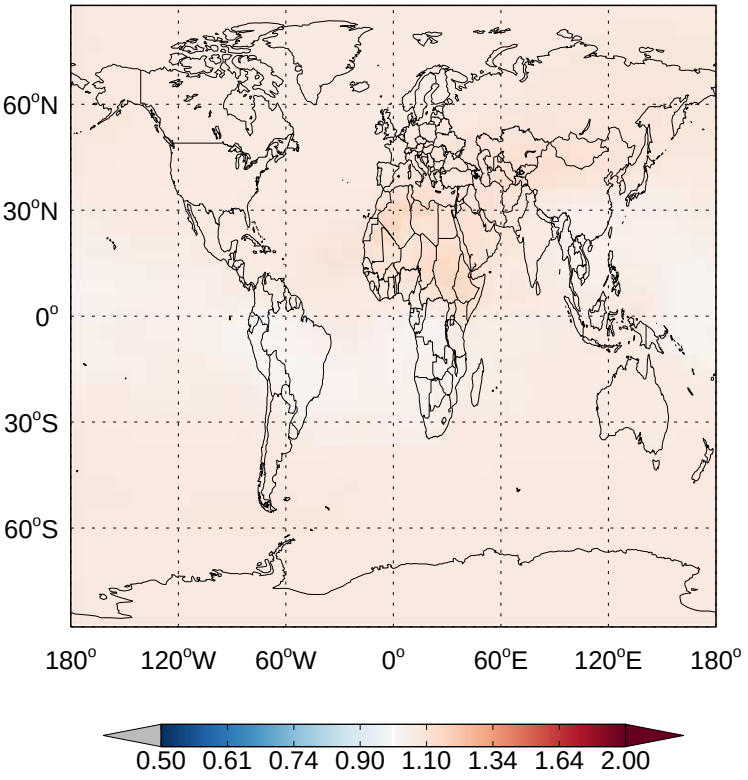
v11-01-public-Run0 / v11-01g-Run0

ACET / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

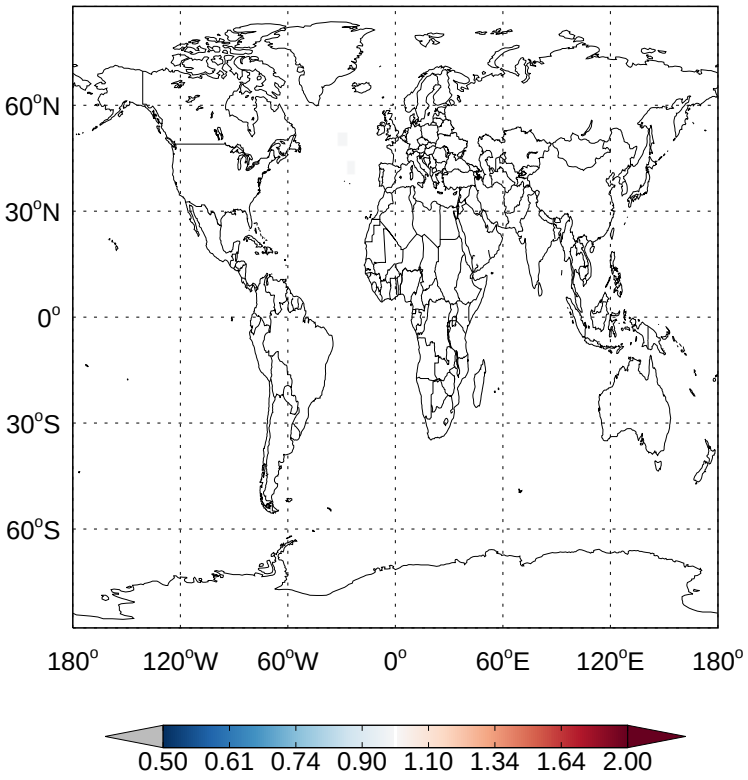
ACET/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

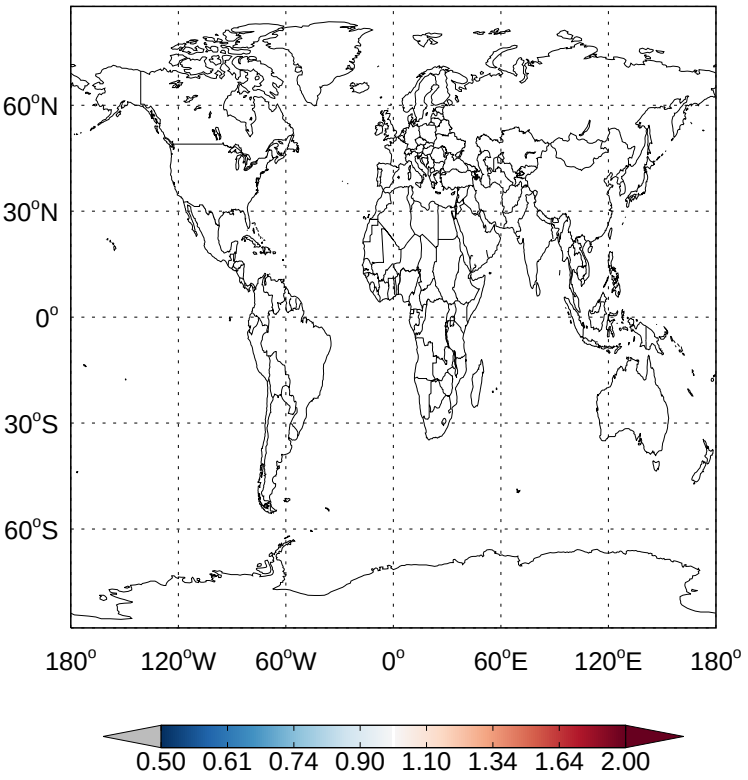
v11-01-public-Run0 / v11-01k-Run0

MEK / Ratio @ Surface for Oct



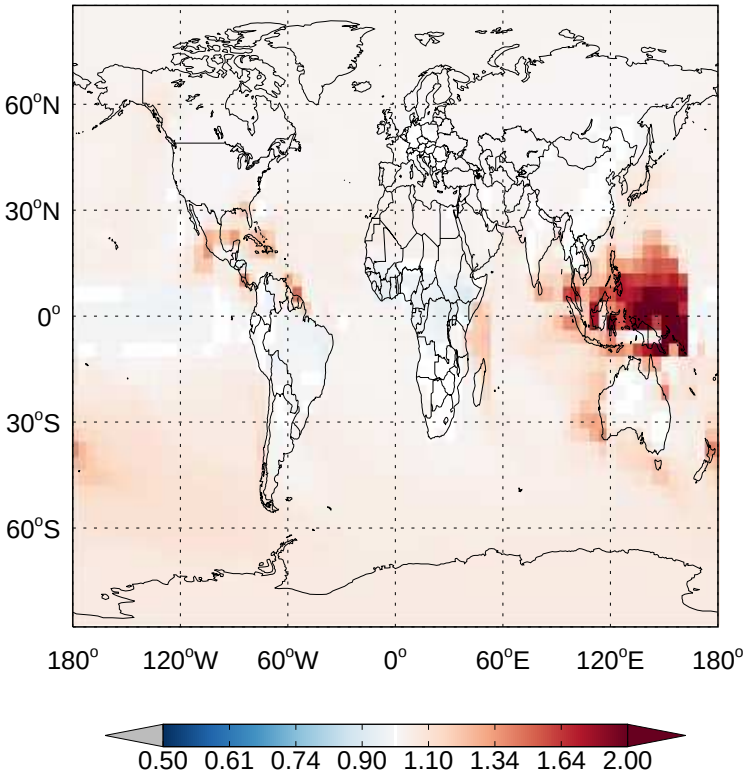
v11-01-public-Run0 / v11-01k-Run0

MEK/ Ratio @ 500 hPa for Oct



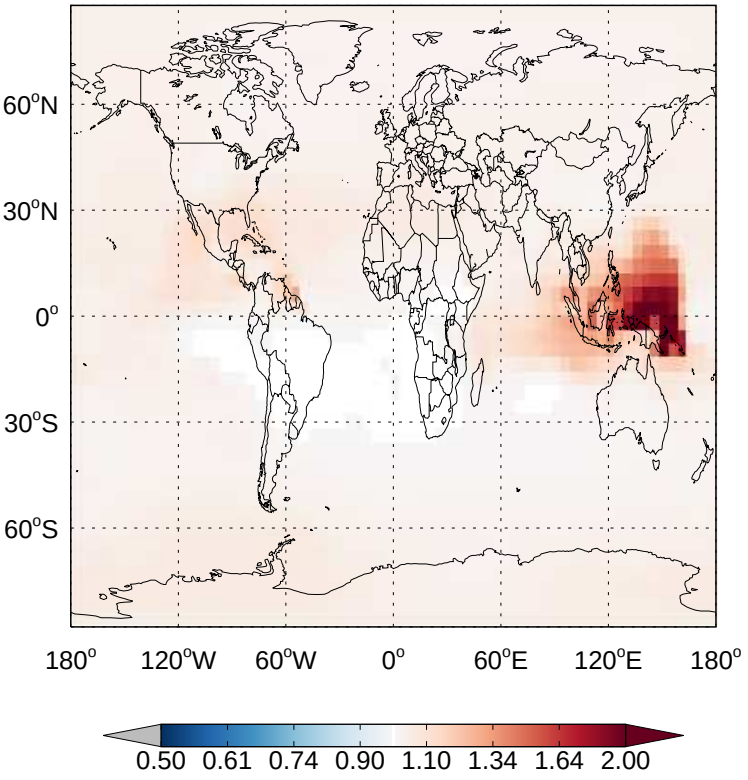
v11-01-public-Run0 / v11-01g-Run0

MEK / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

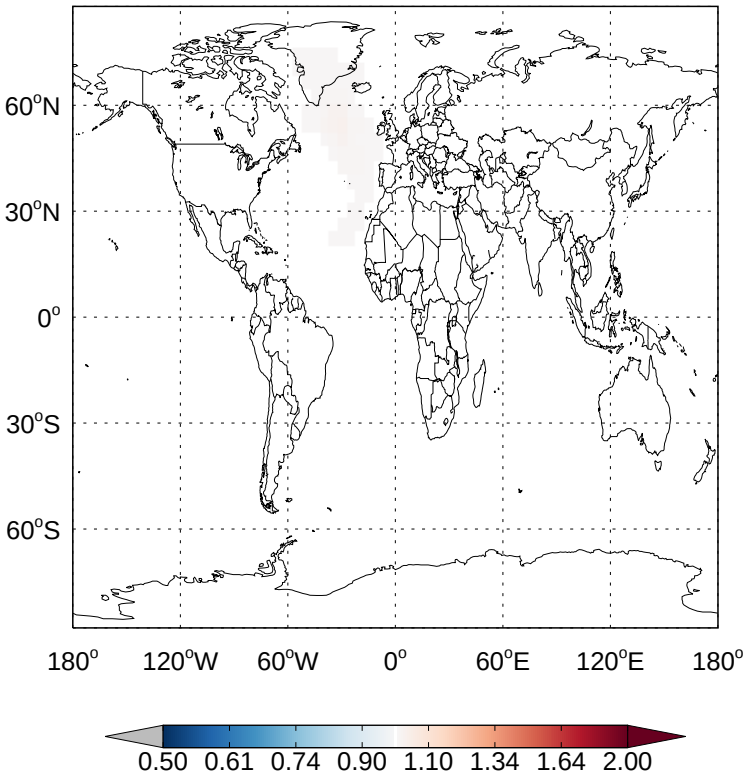
MEK/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

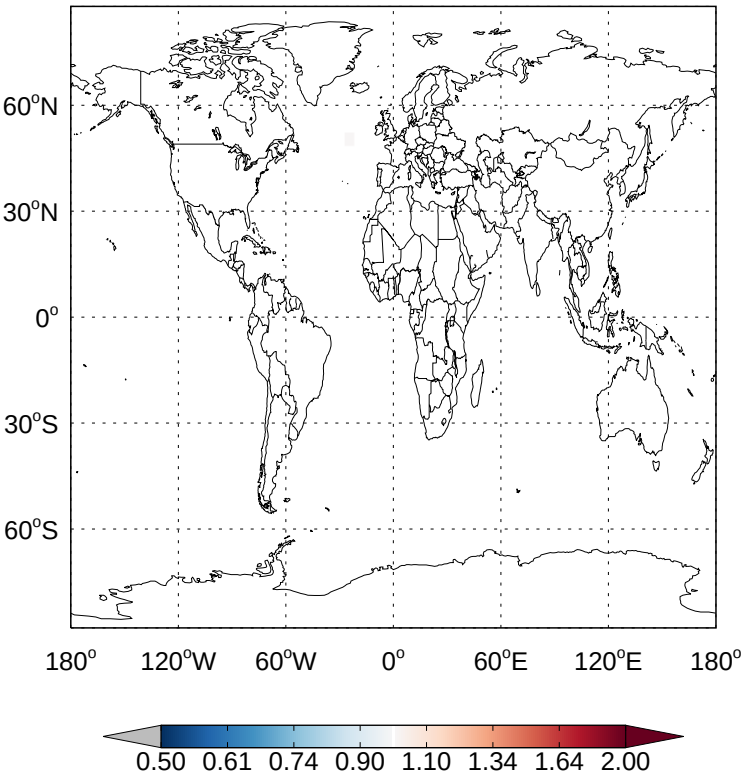
v11-01-public-Run0 / v11-01k-Run0

ALD2 / Ratio @ Surface for Oct



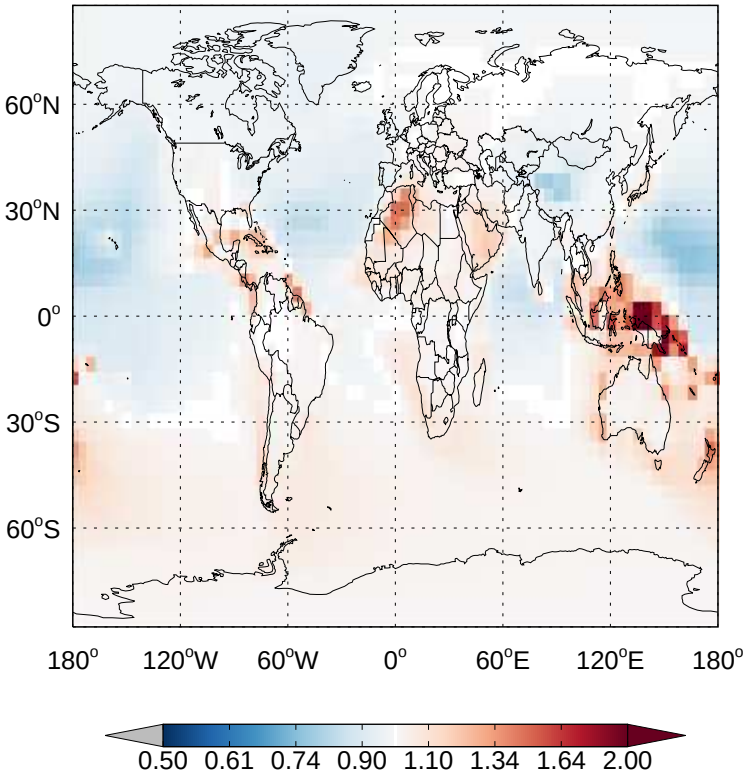
v11-01-public-Run0 / v11-01k-Run0

ALD2/ Ratio @ 500 hPa for Oct



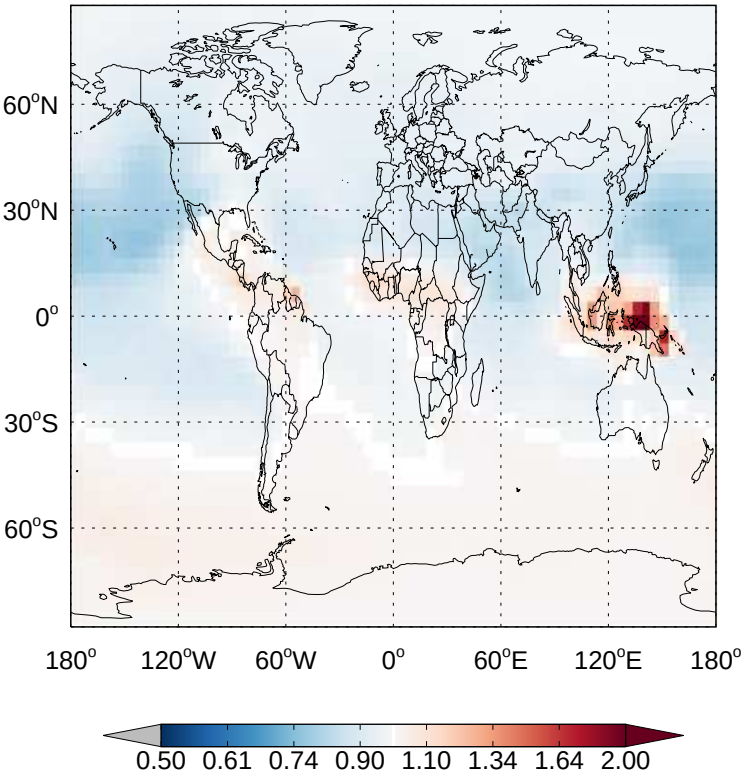
v11-01-public-Run0 / v11-01g-Run0

ALD2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

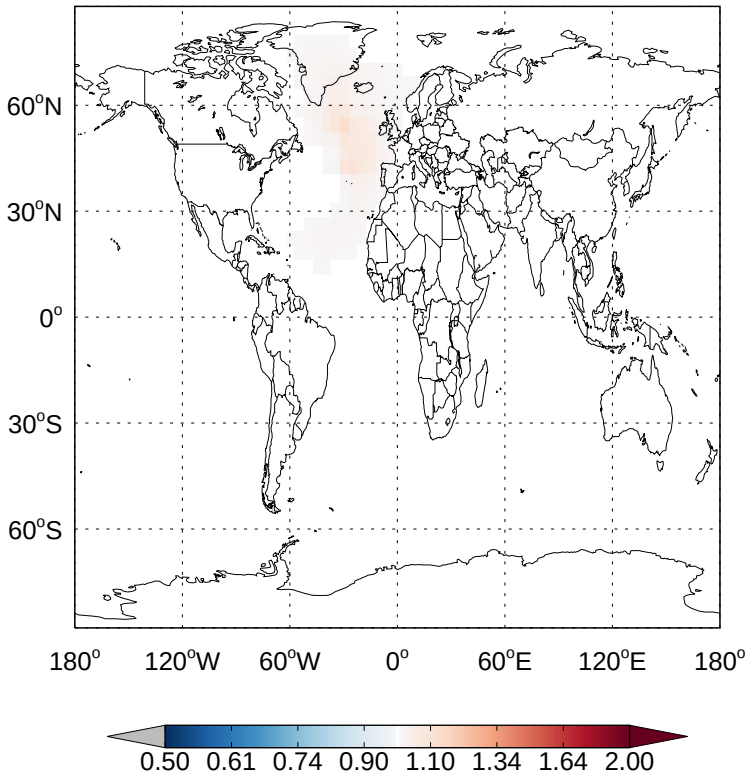
ALD2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

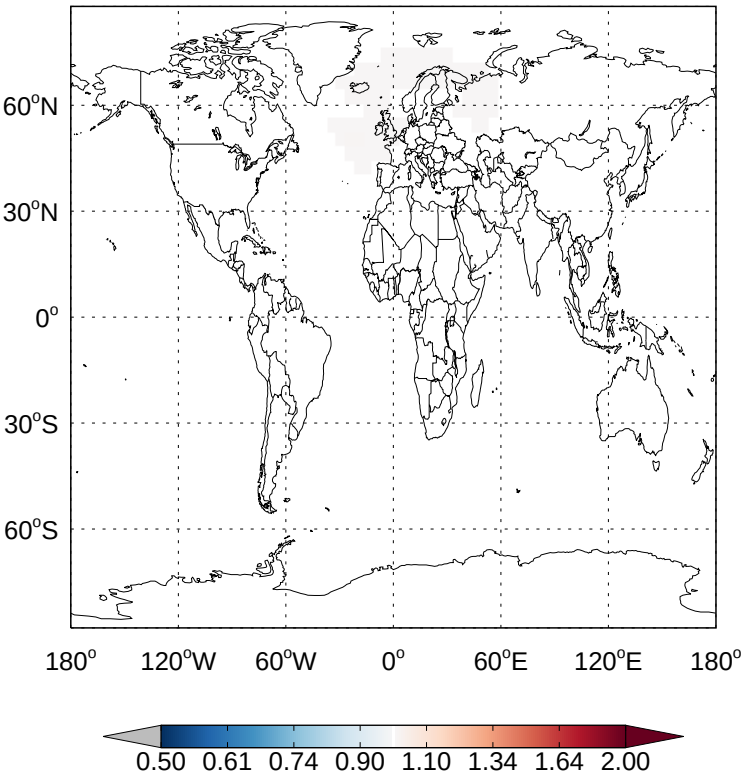
v11-01-public-Run0 / v11-01k-Run0

RCHO / Ratio @ Surface for Oct



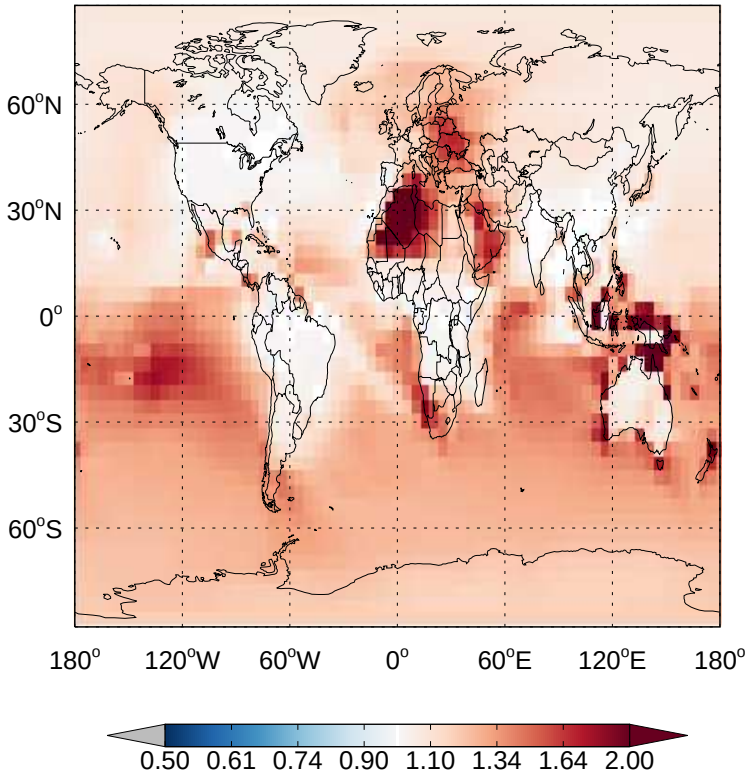
v11-01-public-Run0 / v11-01k-Run0

RCHO/ Ratio @ 500 hPa for Oct



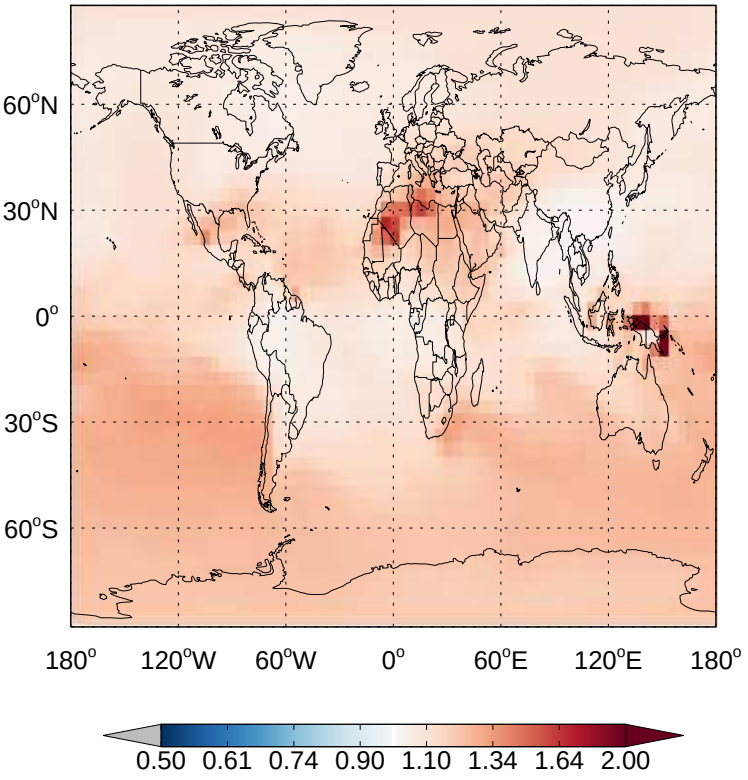
v11-01-public-Run0 / v11-01g-Run0

RCHO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

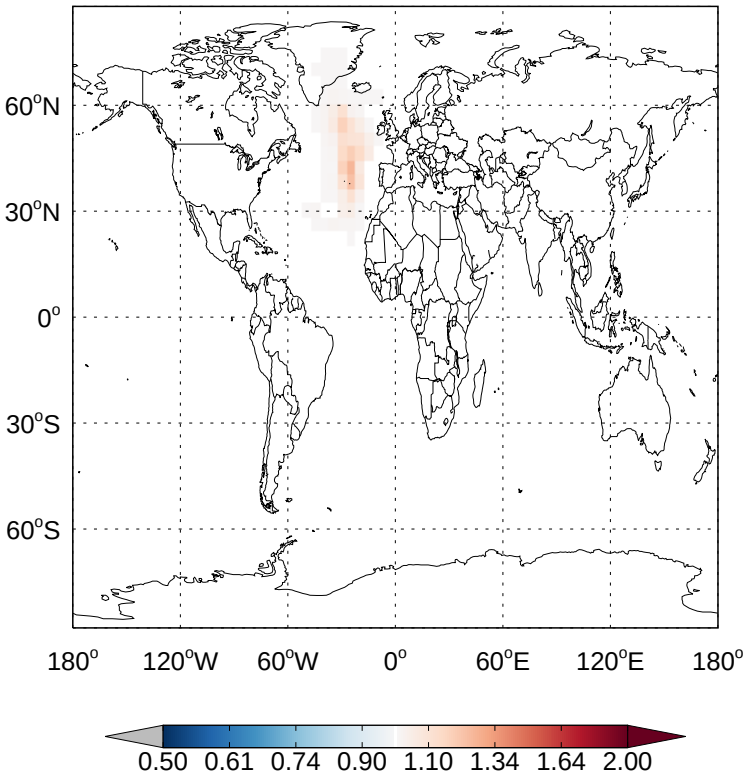
RCHO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

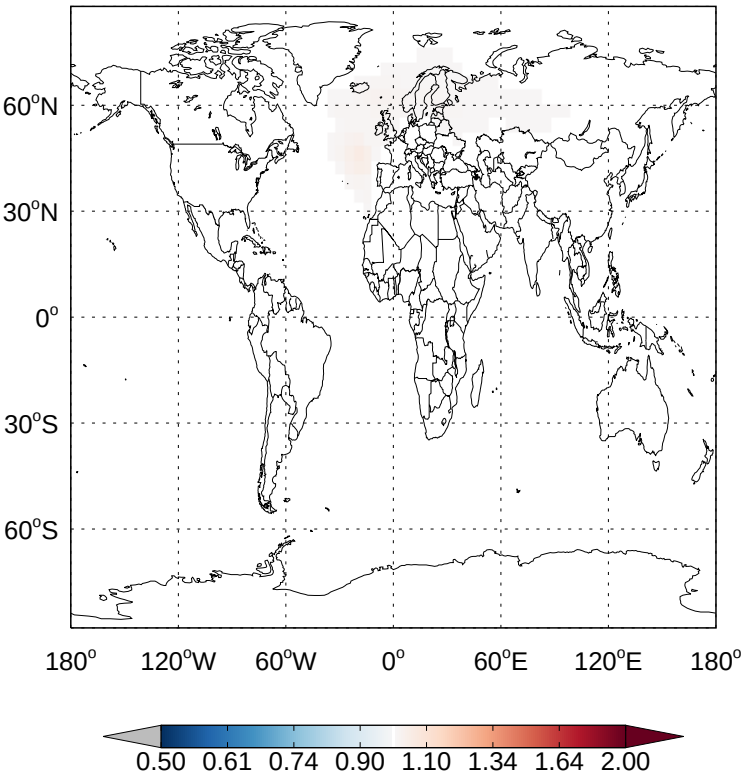
v11-01-public-Run0 / v11-01k-Run0

MVK / Ratio @ Surface for Oct



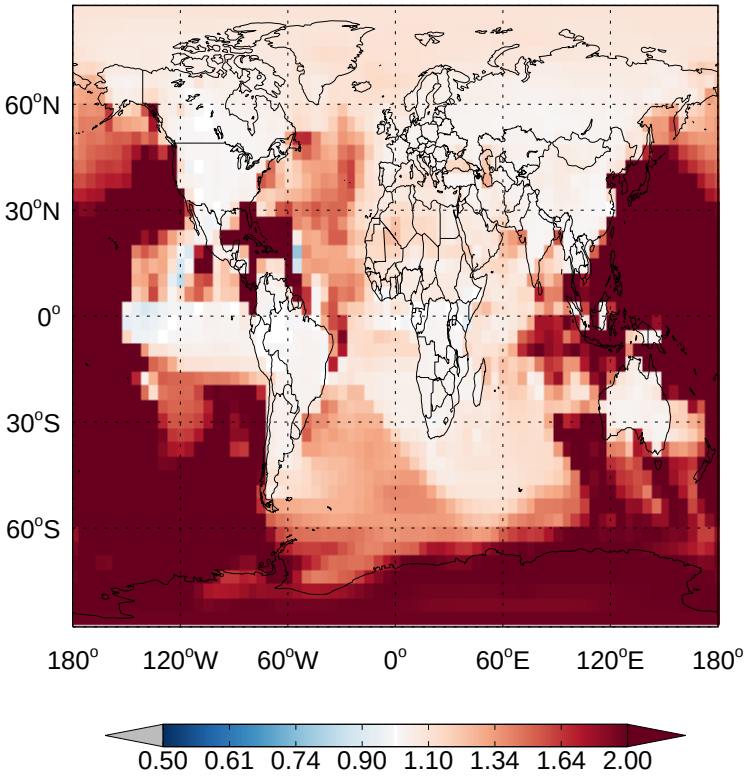
v11-01-public-Run0 / v11-01k-Run0

MVK/ Ratio @ 500 hPa for Oct



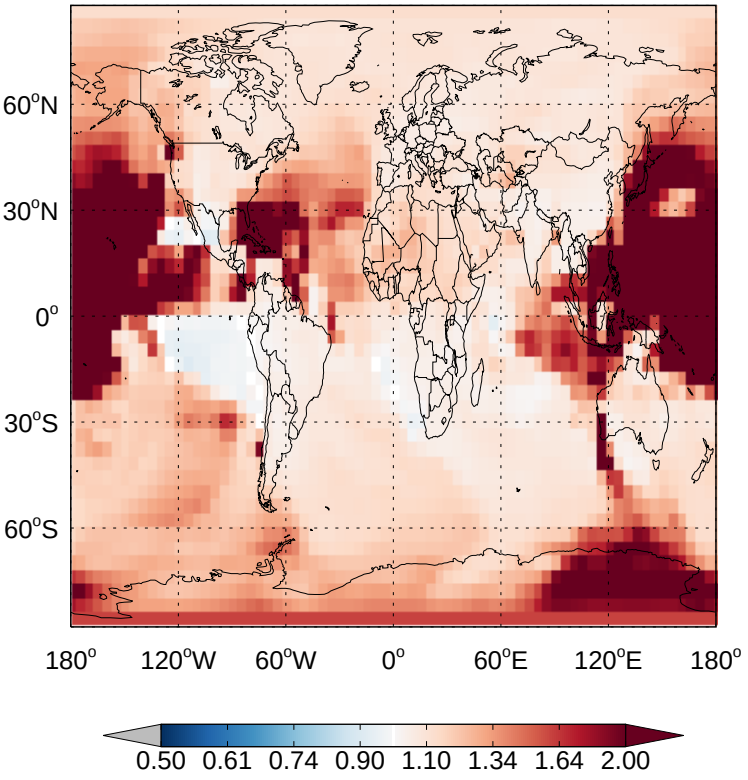
v11-01-public-Run0 / v11-01g-Run0

MVK / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

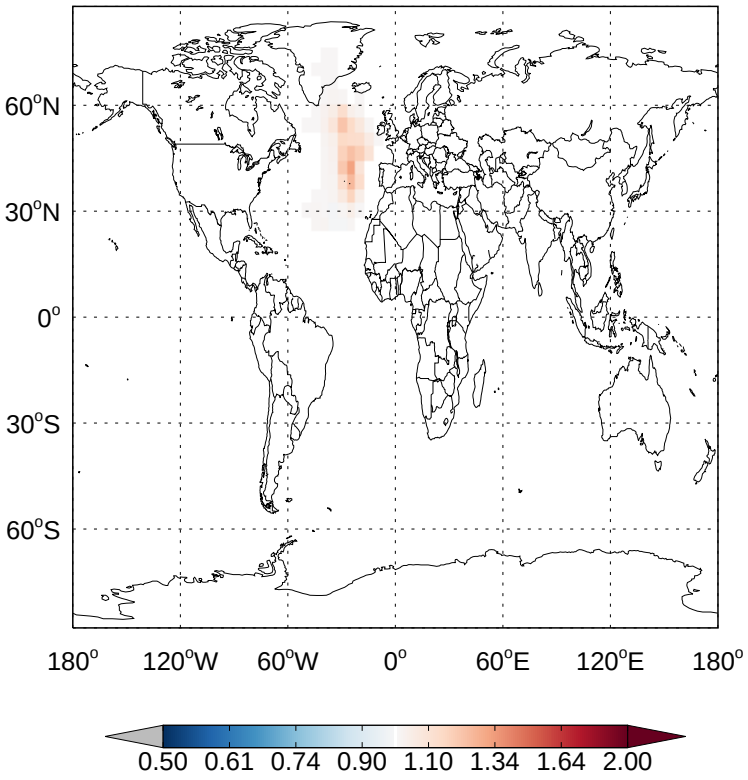
MVK/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

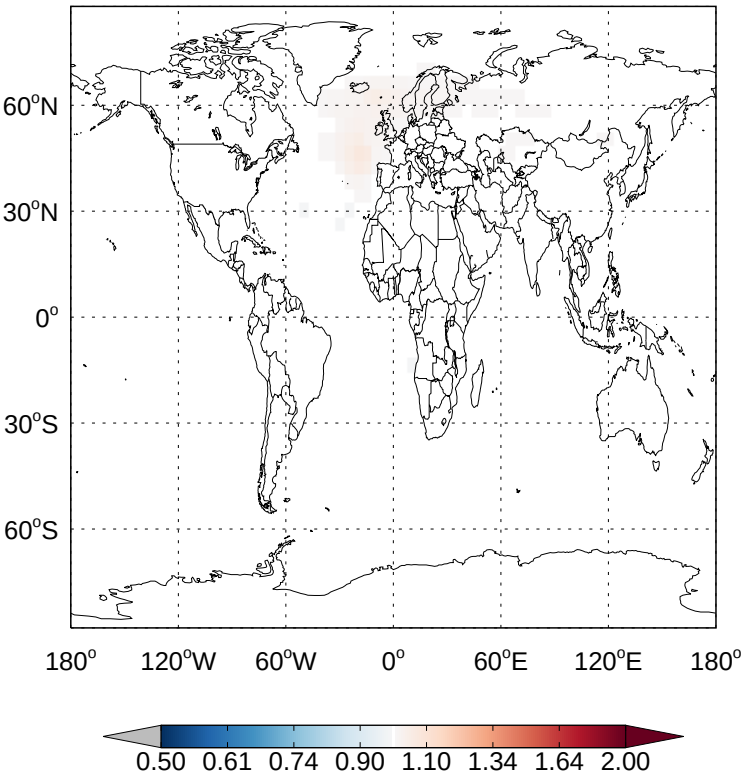
v11-01-public-Run0 / v11-01k-Run0

MACR / Ratio @ Surface for Oct



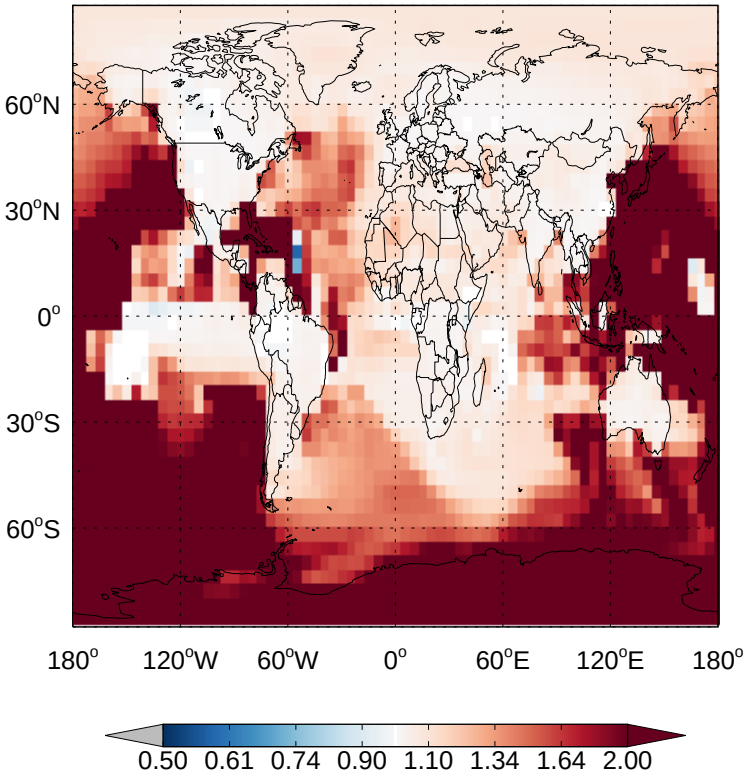
v11-01-public-Run0 / v11-01k-Run0

MACR/ Ratio @ 500 hPa for Oct



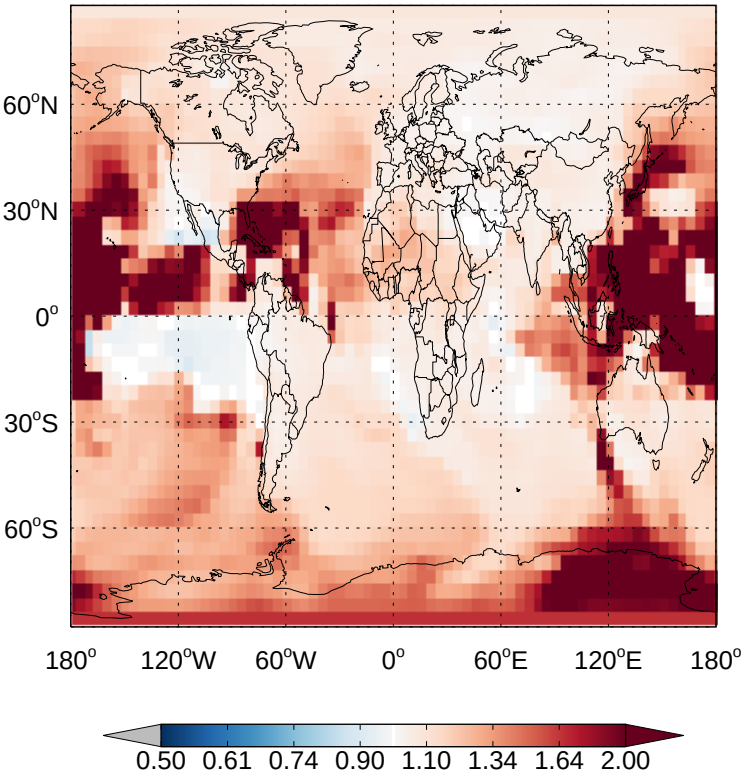
v11-01-public-Run0 / v11-01g-Run0

MACR / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

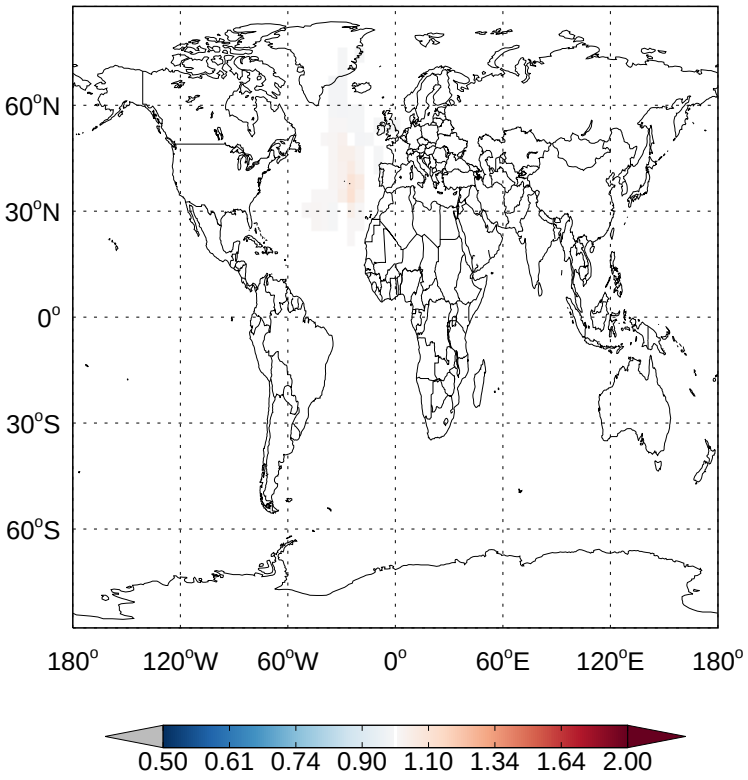
MACR/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

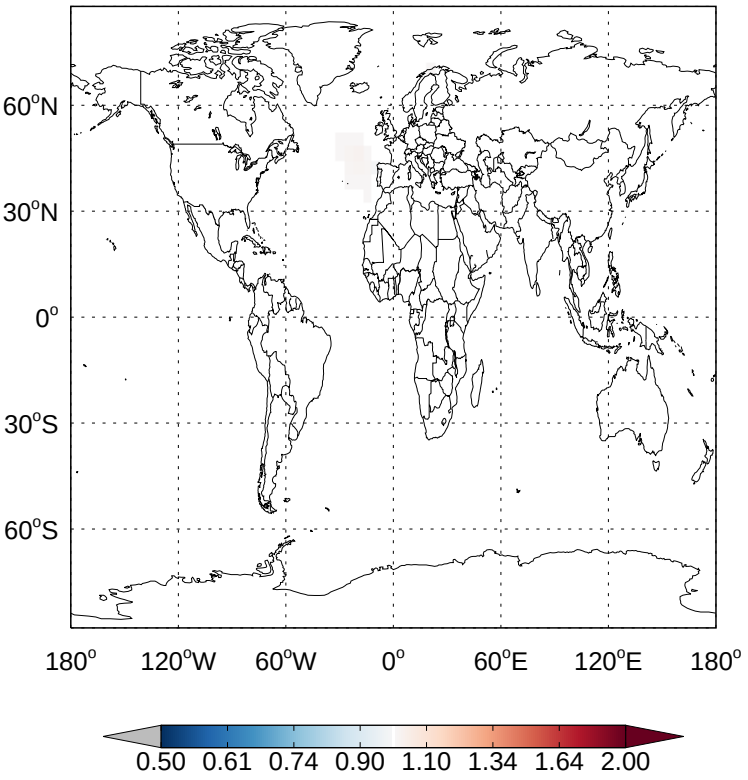
v11-01-public-Run0 / v11-01k-Run0

PMN / Ratio @ Surface for Oct



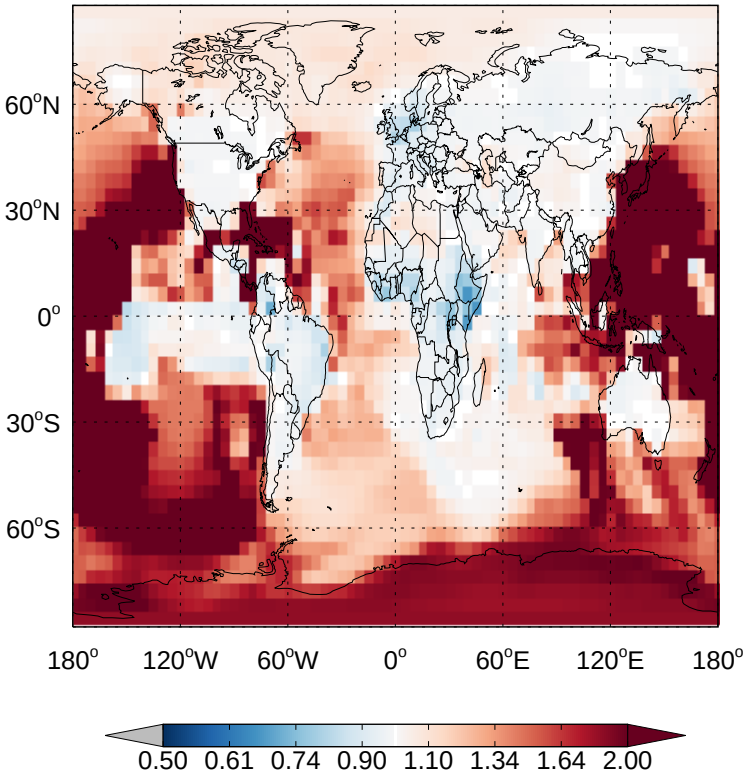
v11-01-public-Run0 / v11-01k-Run0

PMN/ Ratio @ 500 hPa for Oct



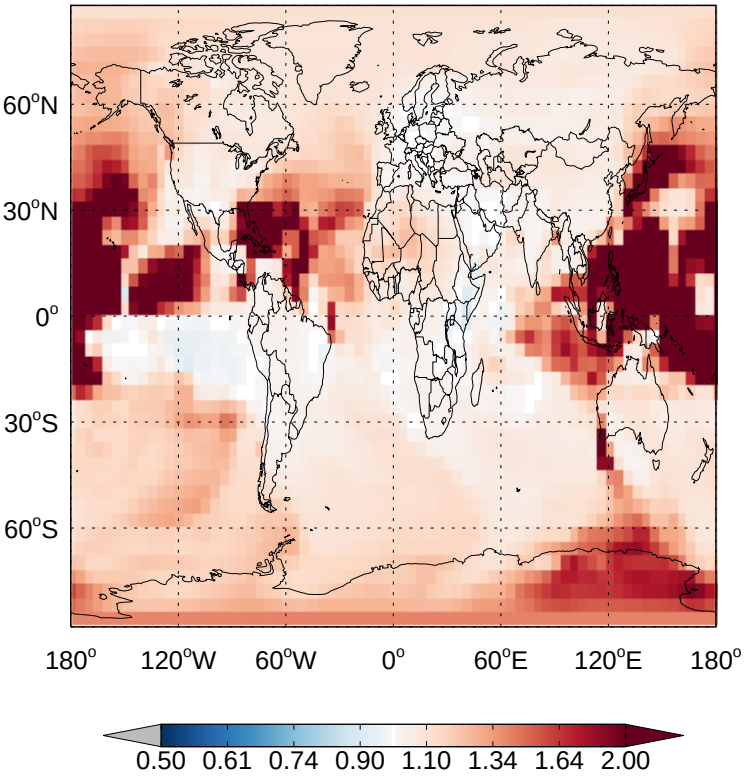
v11-01-public-Run0 / v11-01g-Run0

PMN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

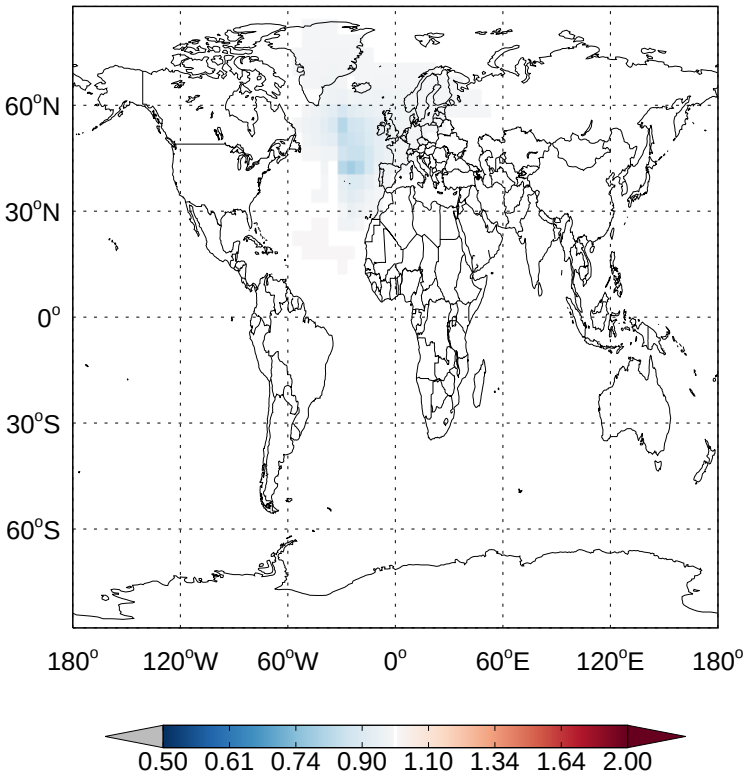
PMN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

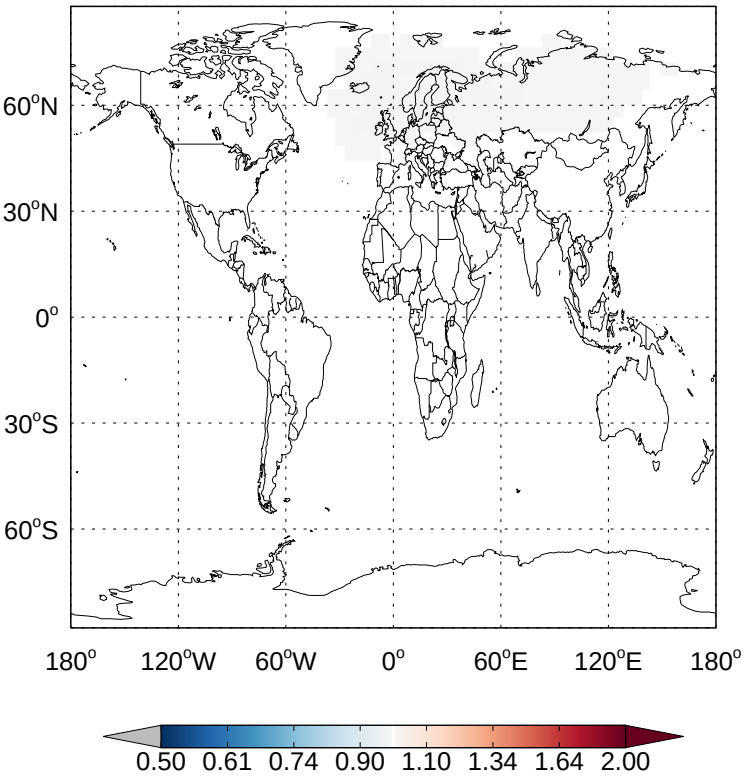
v11-01-public-Run0 / v11-01k-Run0

PPN / Ratio @ Surface for Oct



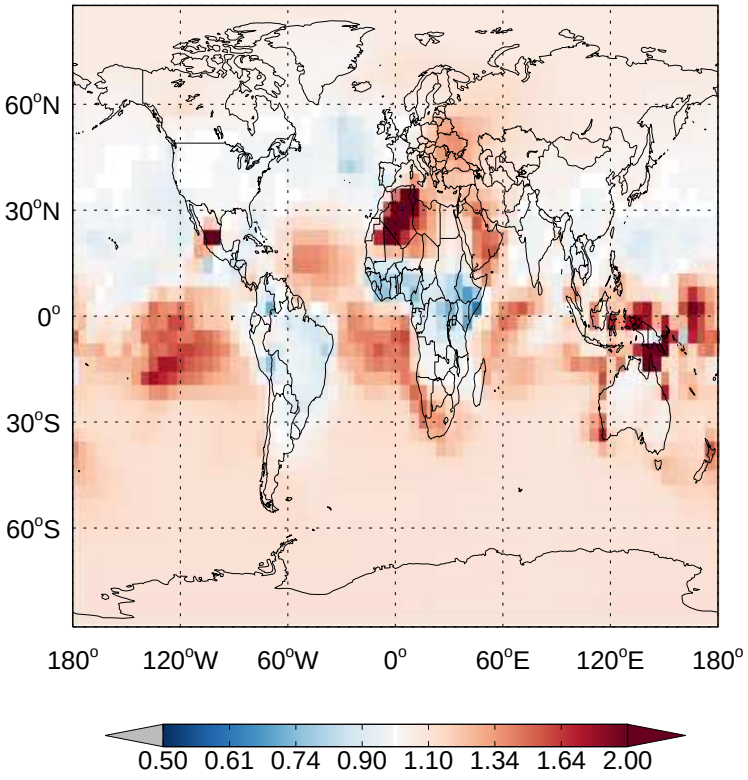
v11-01-public-Run0 / v11-01k-Run0

PPN/ Ratio @ 500 hPa for Oct



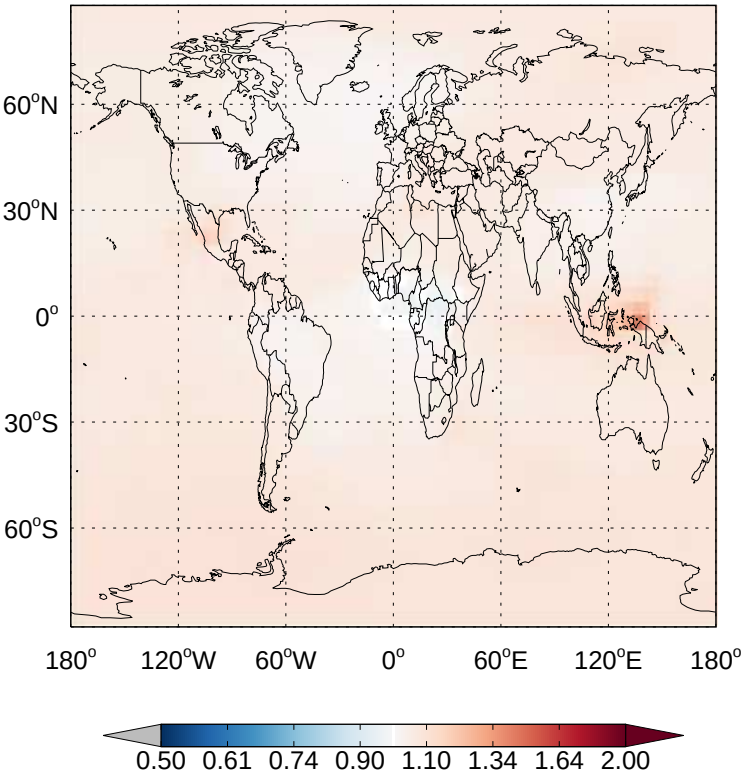
v11-01-public-Run0 / v11-01g-Run0

PPN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

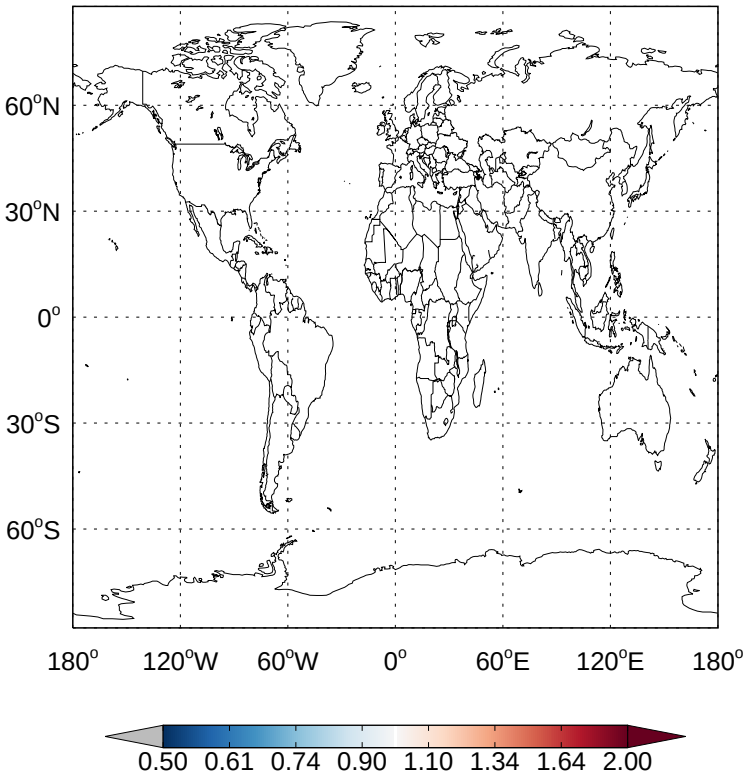
PPN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

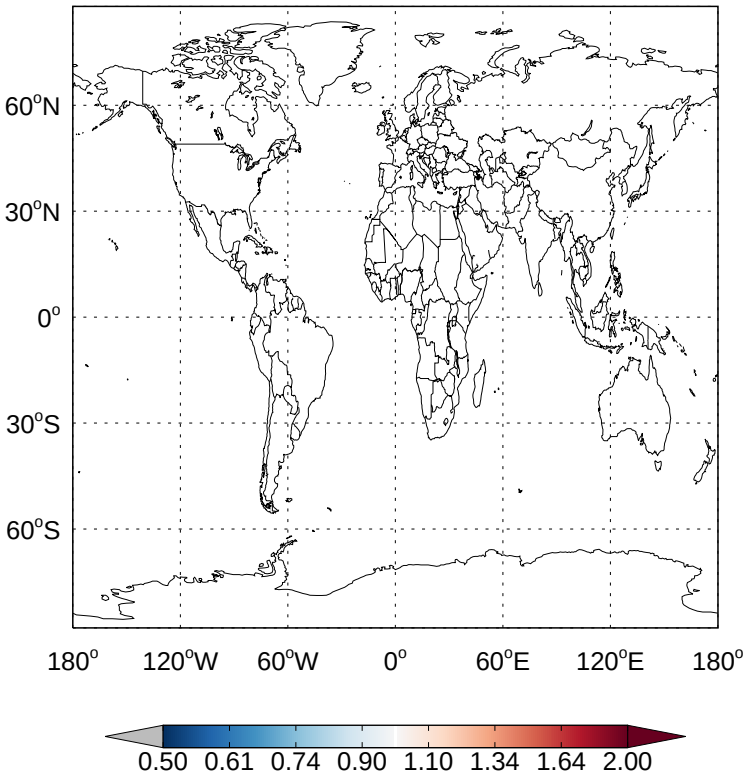
v11-01-public-Run0 / v11-01k-Run0

R4N2 / Ratio @ Surface for Oct



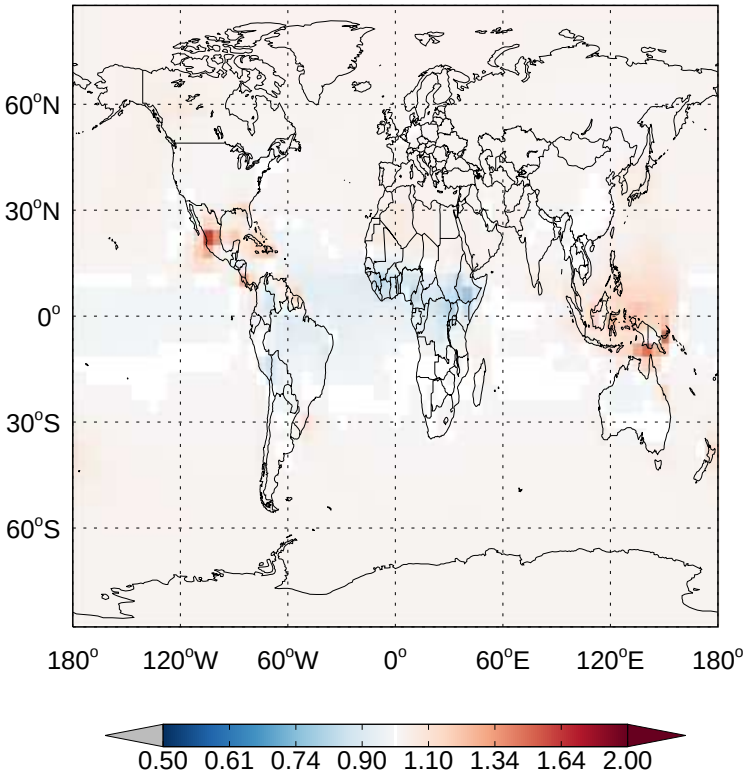
v11-01-public-Run0 / v11-01k-Run0

R4N2/ Ratio @ 500 hPa for Oct



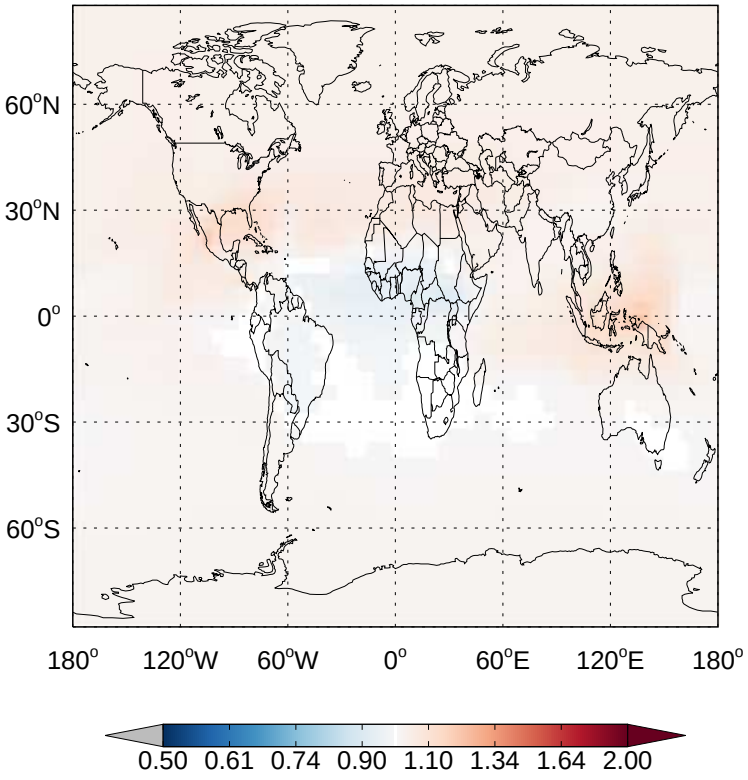
v11-01-public-Run0 / v11-01g-Run0

R4N2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

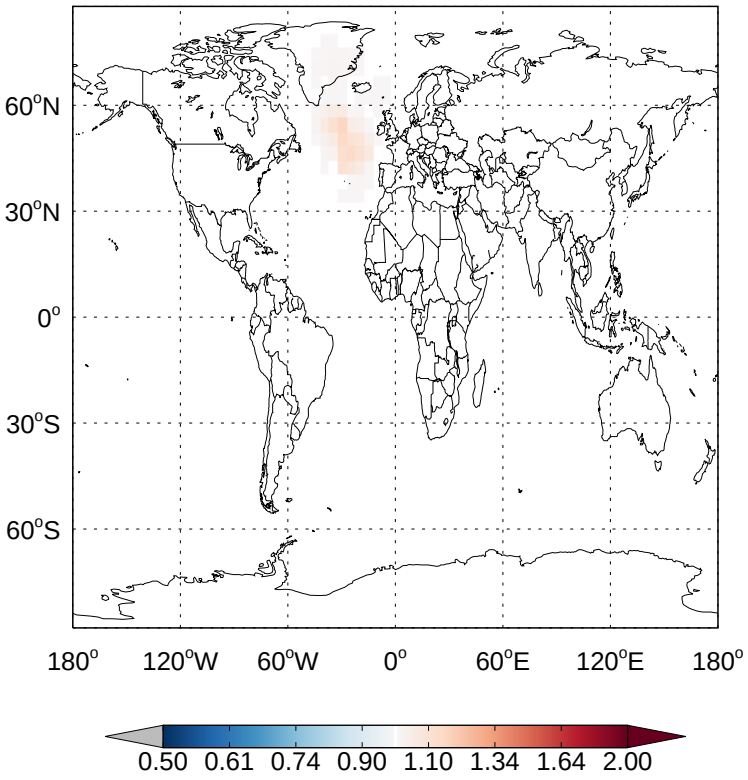
R4N2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

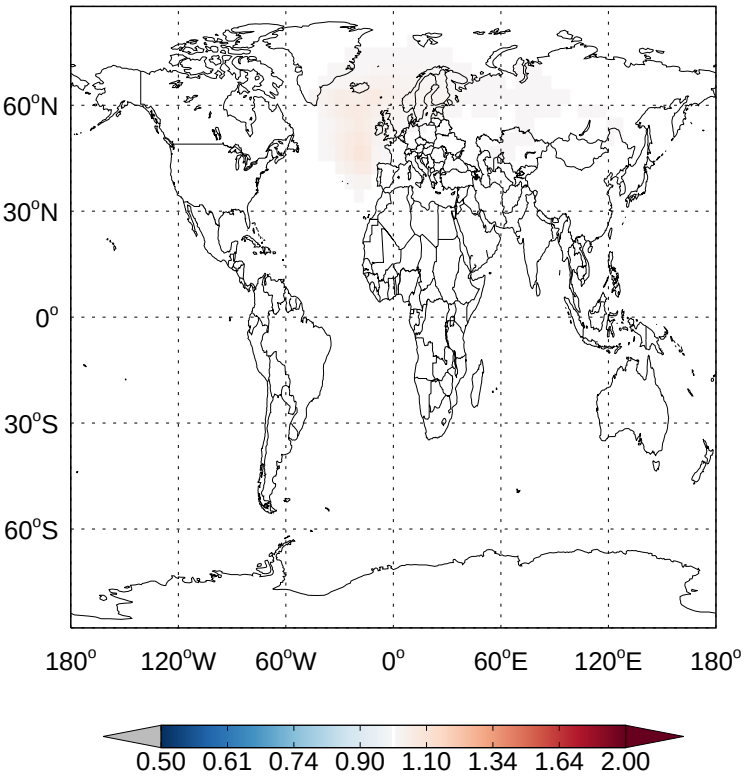
v11-01-public-Run0 / v11-01k-Run0

PRPE / Ratio @ Surface for Oct



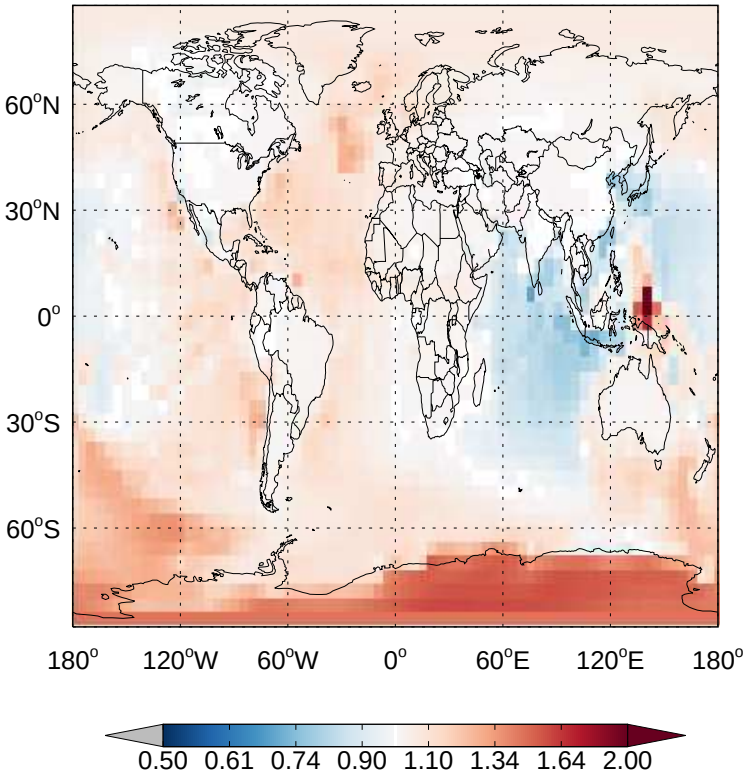
v11-01-public-Run0 / v11-01k-Run0

PRPE/ Ratio @ 500 hPa for Oct



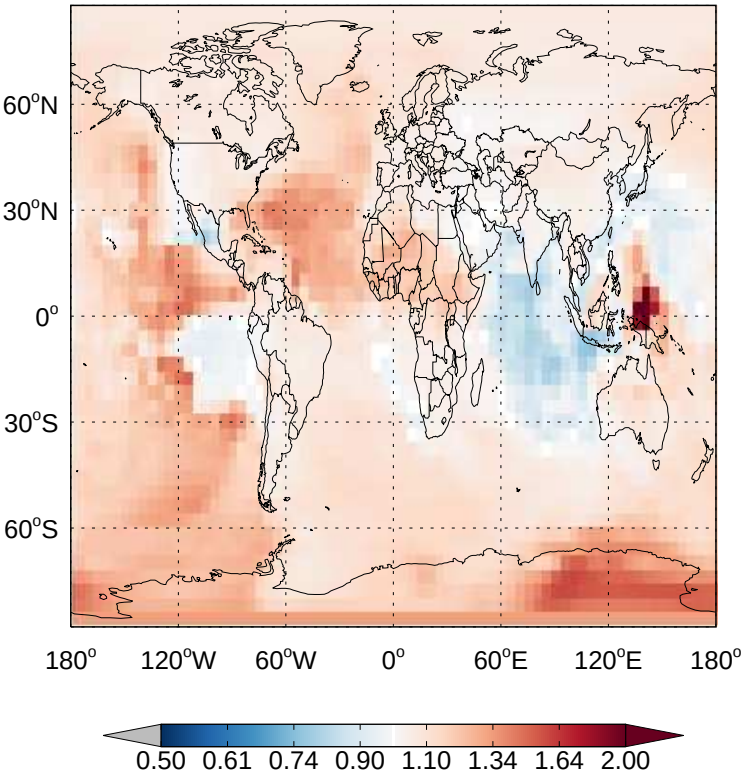
v11-01-public-Run0 / v11-01g-Run0

PRPE / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

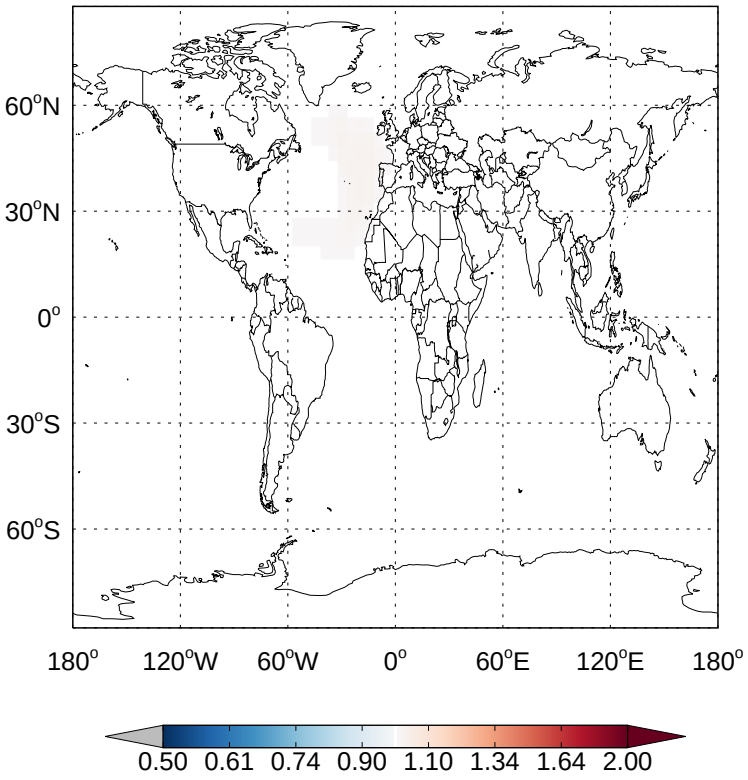
PRPE/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

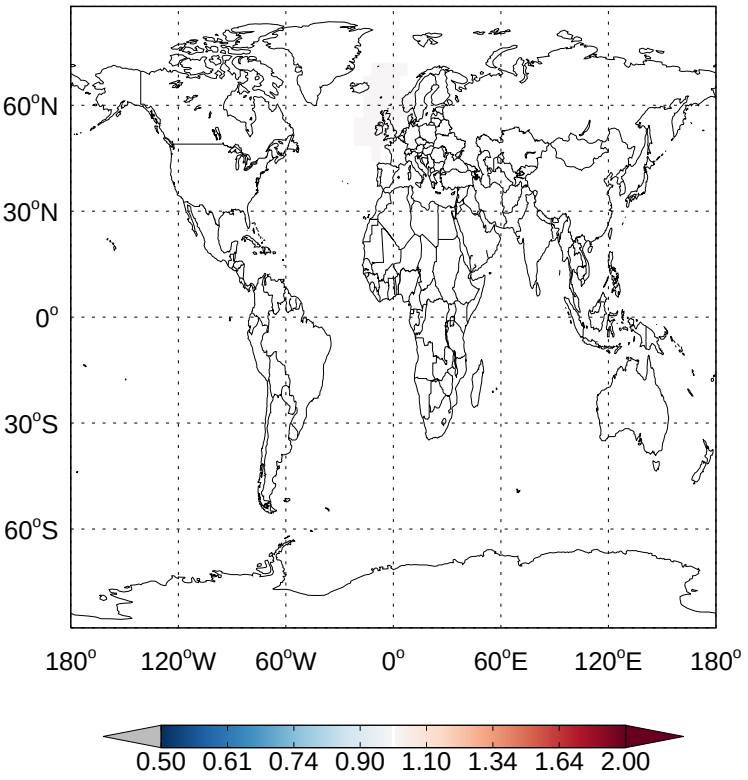
v11-01-public-Run0 / v11-01k-Run0

C3H8 / Ratio @ Surface for Oct



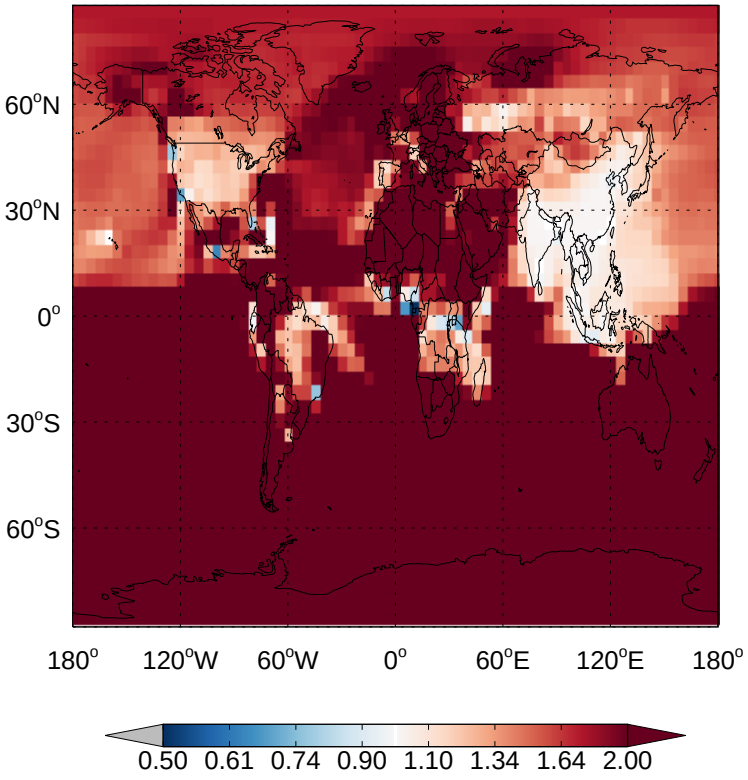
v11-01-public-Run0 / v11-01k-Run0

C3H8/ Ratio @ 500 hPa for Oct



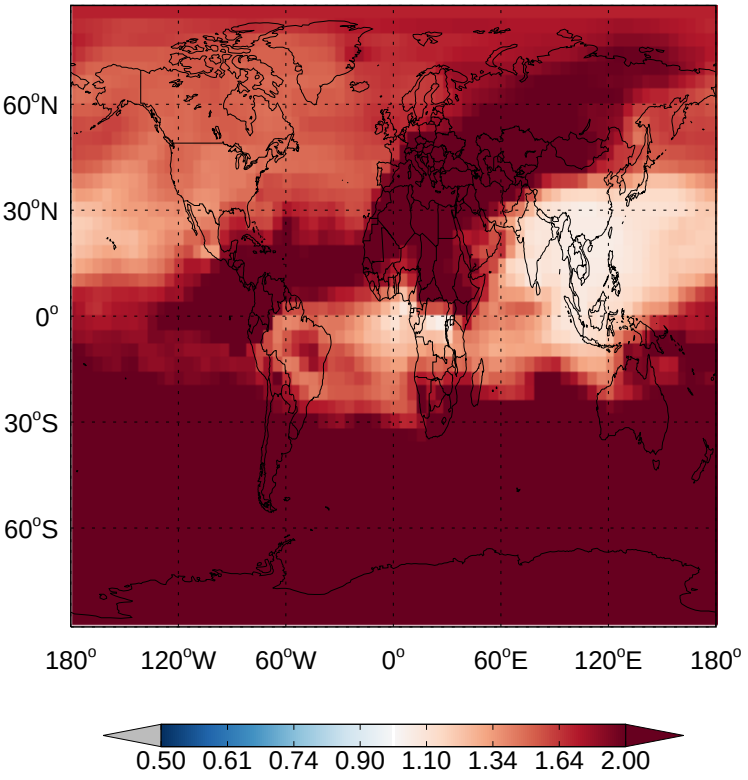
v11-01-public-Run0 / v11-01g-Run0

C3H8 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

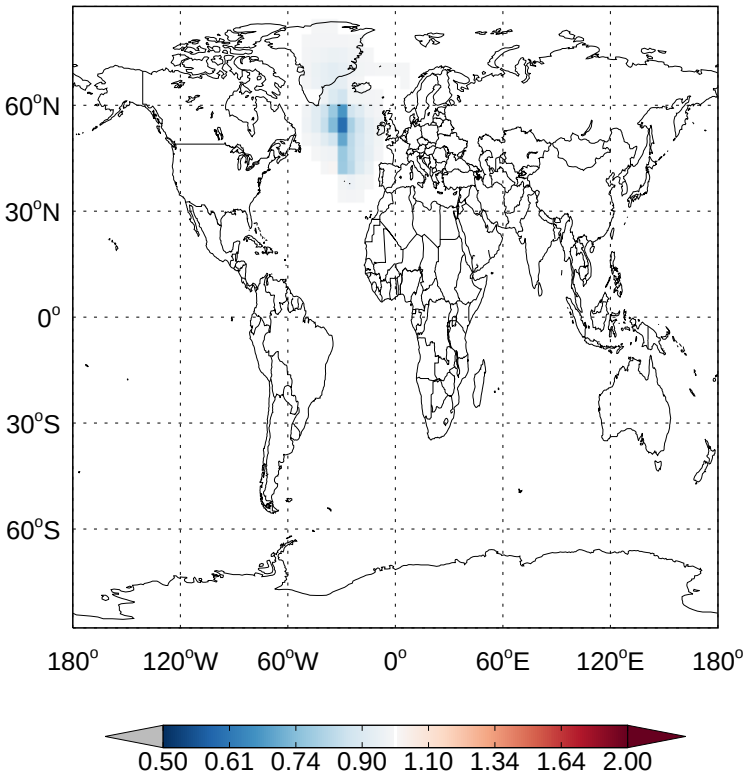
C3H8/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

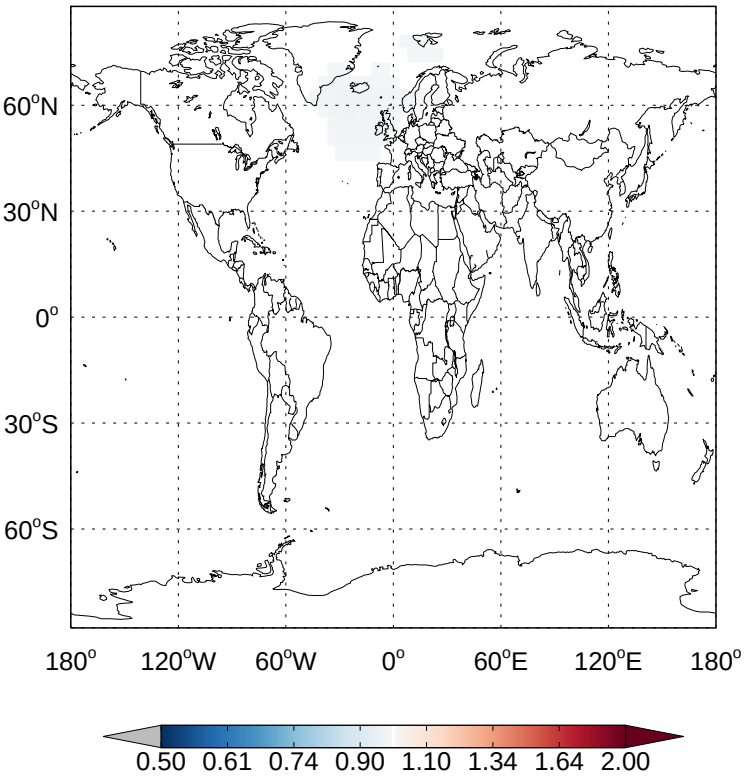
v11-01-public-Run0 / v11-01k-Run0

CH2O / Ratio @ Surface for Oct



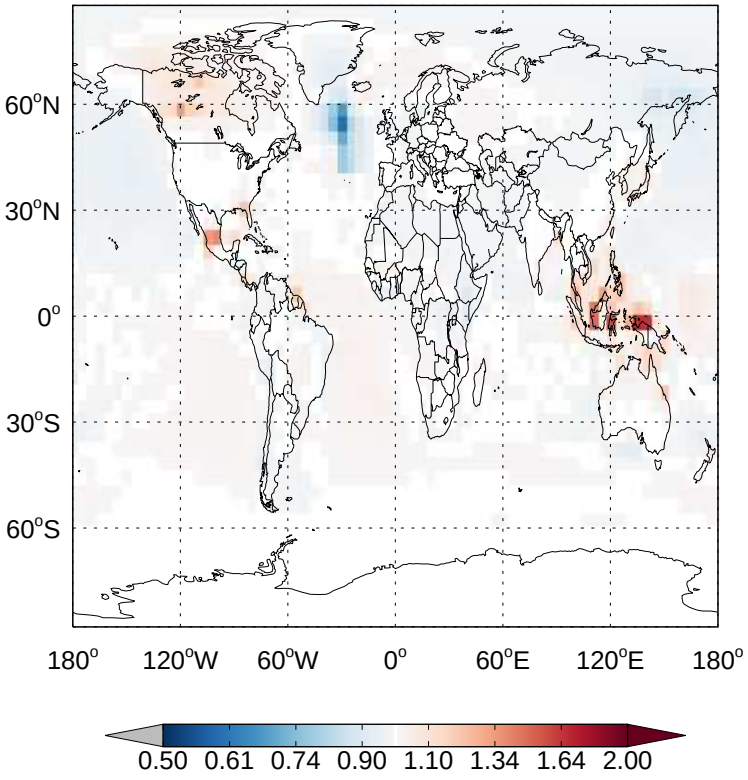
v11-01-public-Run0 / v11-01k-Run0

CH2O/ Ratio @ 500 hPa for Oct



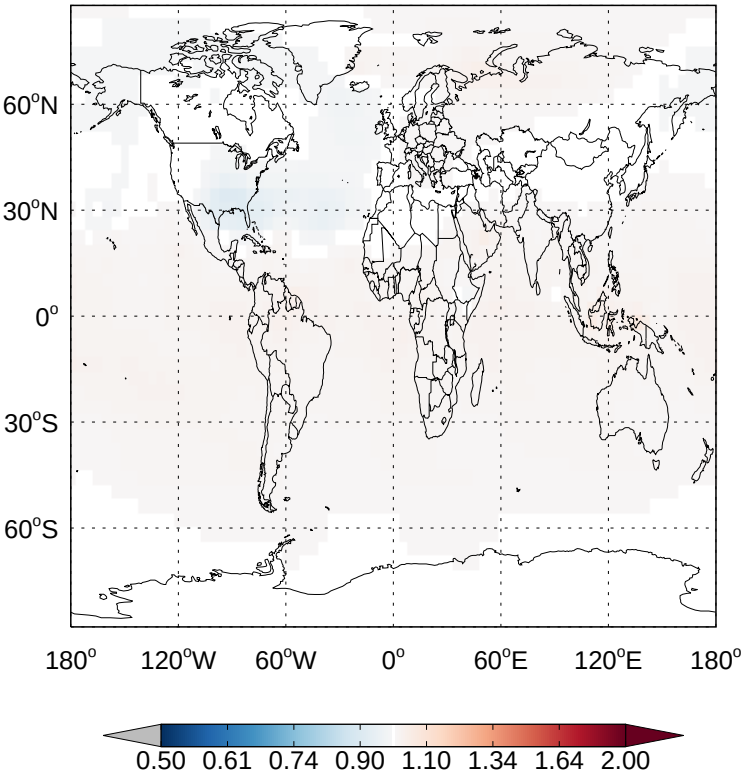
v11-01-public-Run0 / v11-01g-Run0

CH2O / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

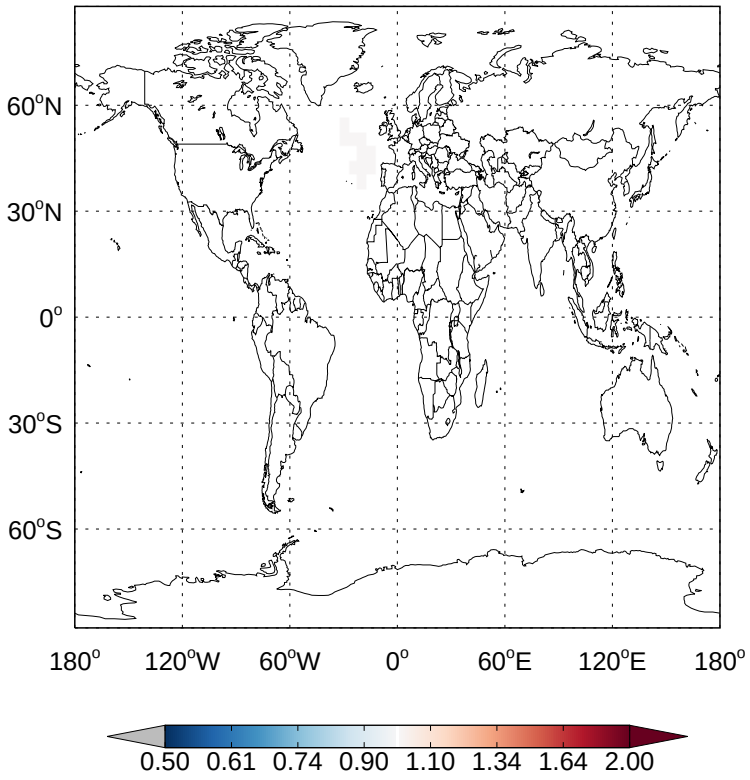
CH2O/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

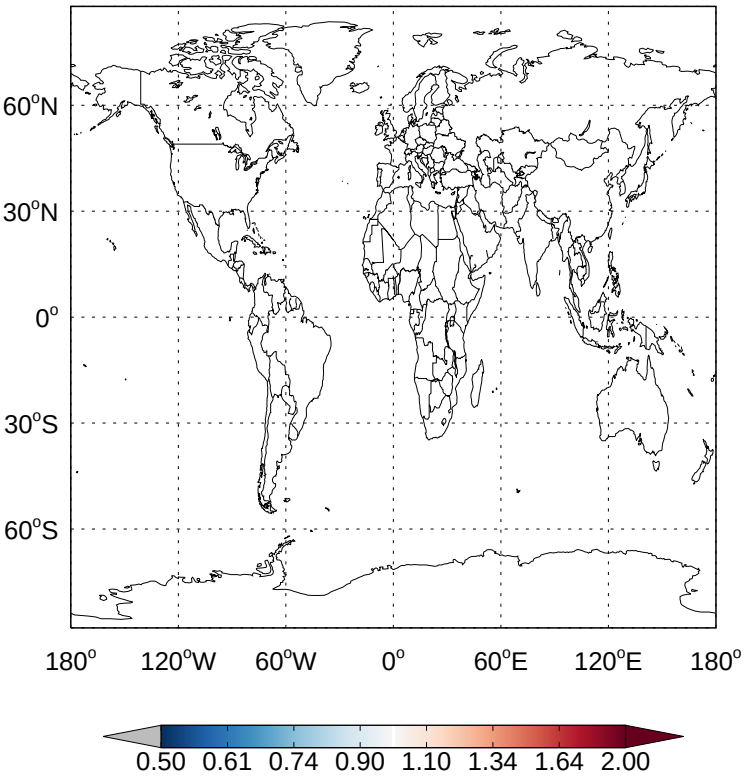
v11-01-public-Run0 / v11-01k-Run0

C2H6 / Ratio @ Surface for Oct



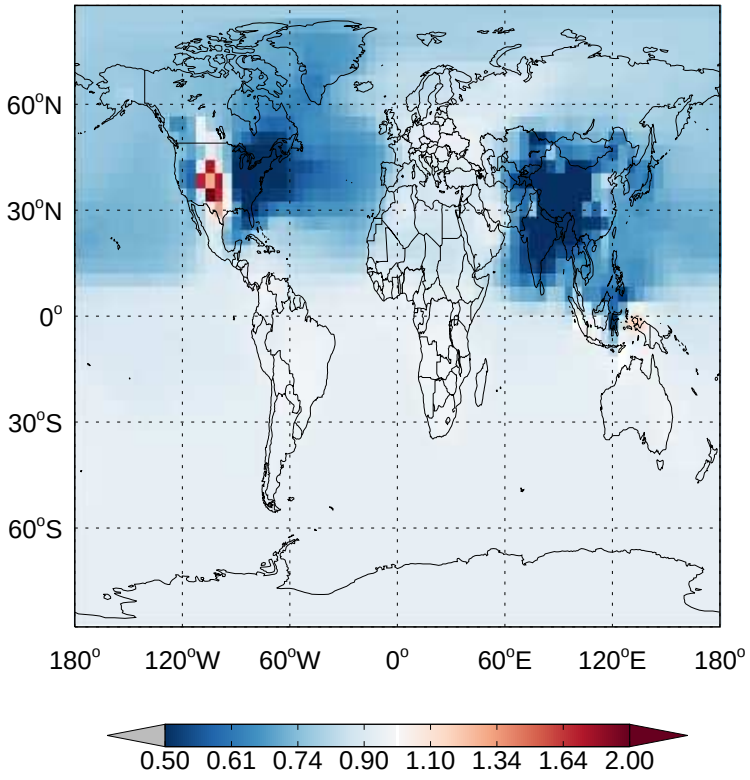
v11-01-public-Run0 / v11-01k-Run0

C2H6/ Ratio @ 500 hPa for Oct



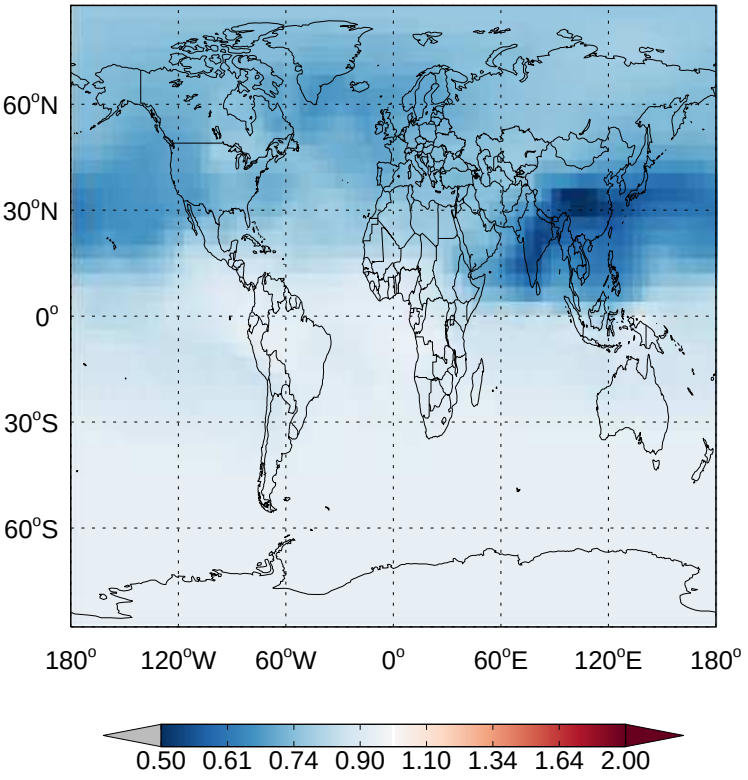
v11-01-public-Run0 / v11-01g-Run0

C2H6 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

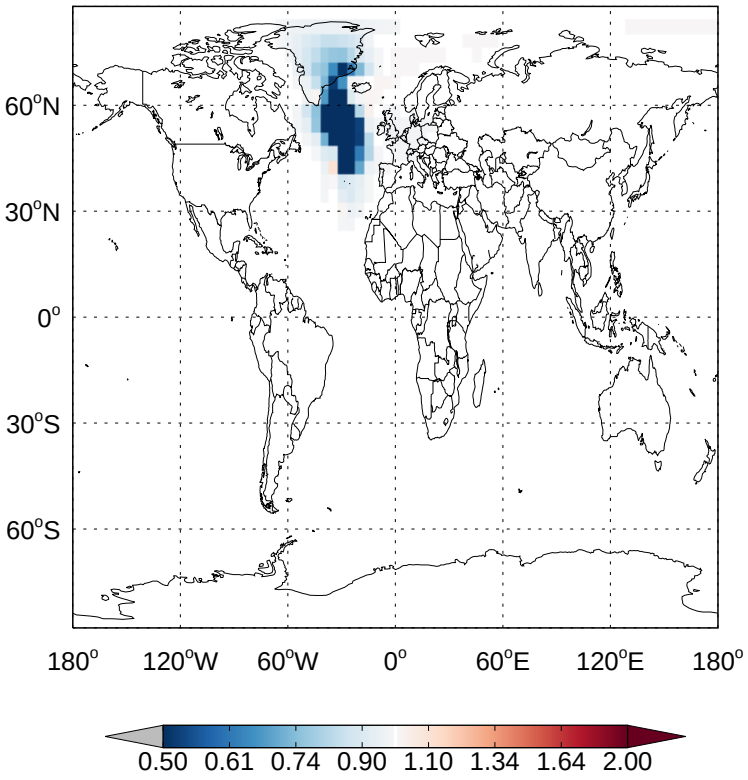
C2H6/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

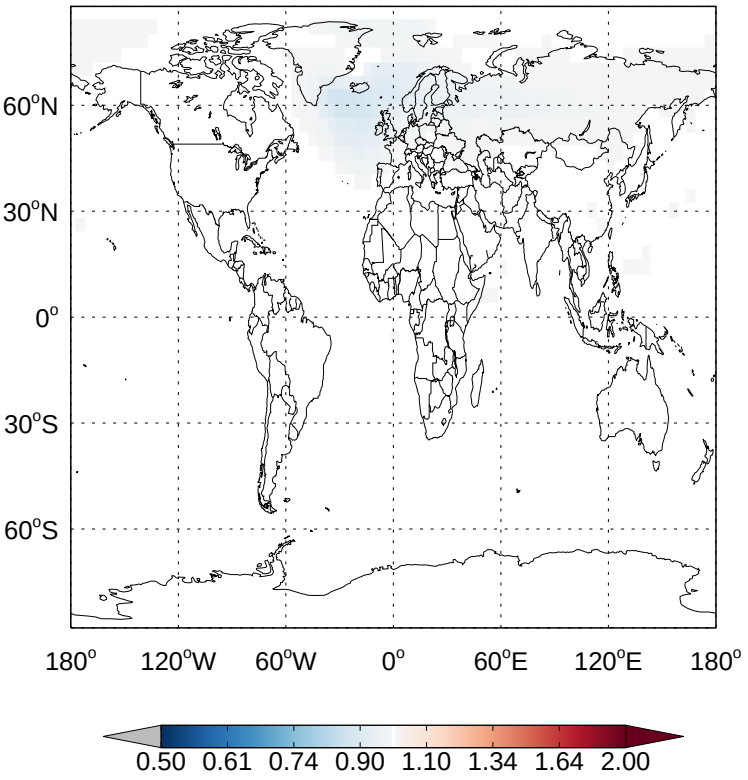
v11-01-public-Run0 / v11-01k-Run0

N2O5 / Ratio @ Surface for Oct



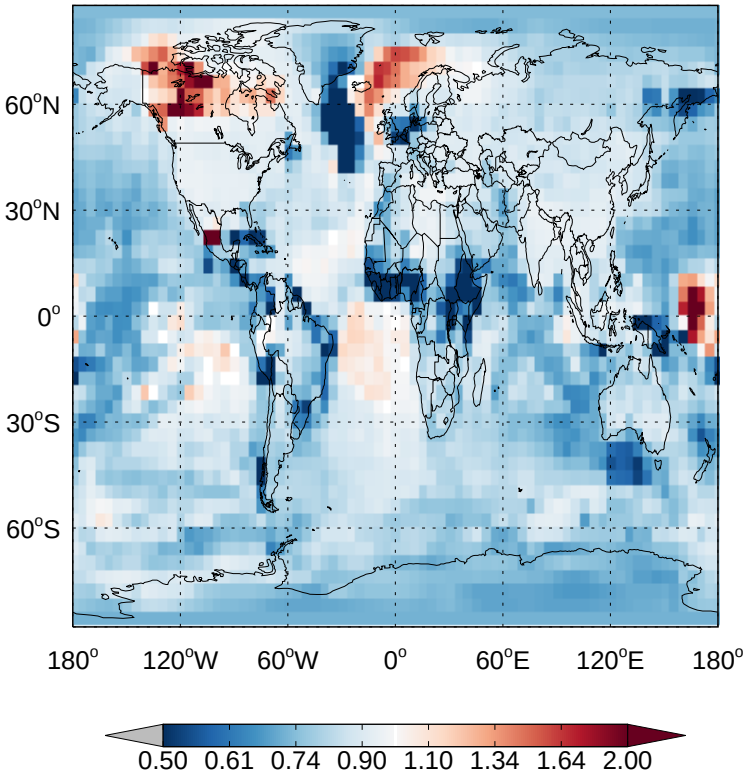
v11-01-public-Run0 / v11-01k-Run0

N2O5/ Ratio @ 500 hPa for Oct



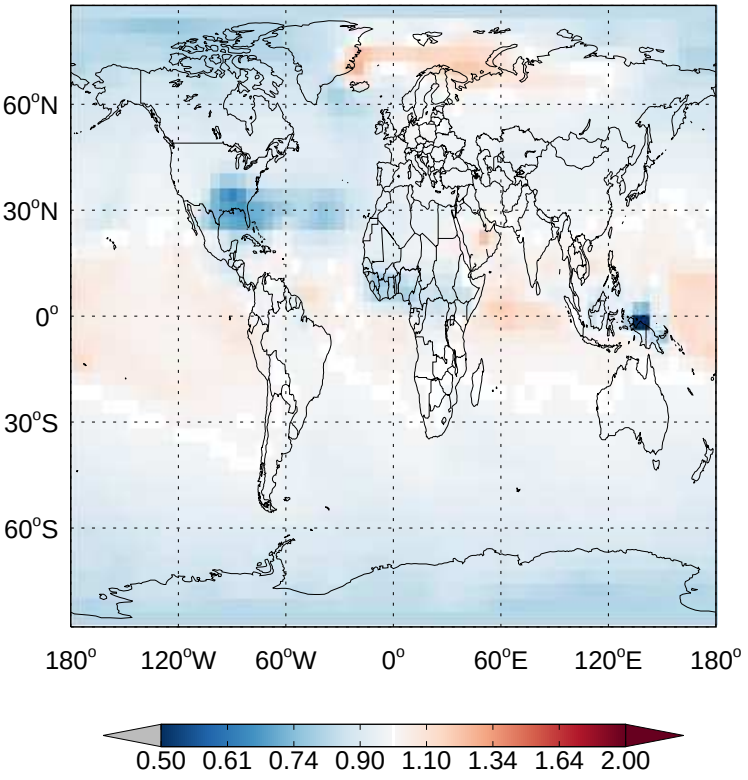
v11-01-public-Run0 / v11-01g-Run0

N2O5 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

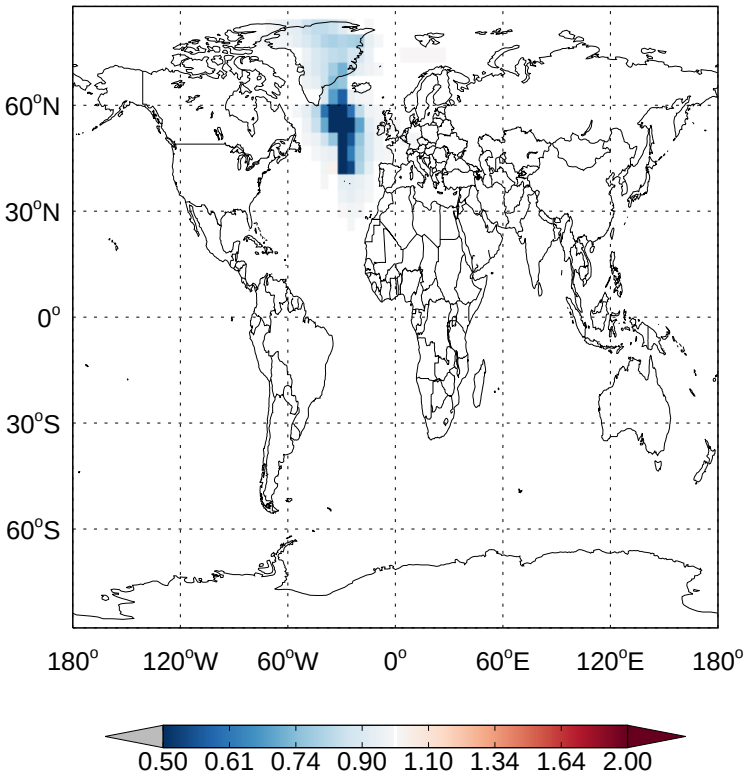
N2O5/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

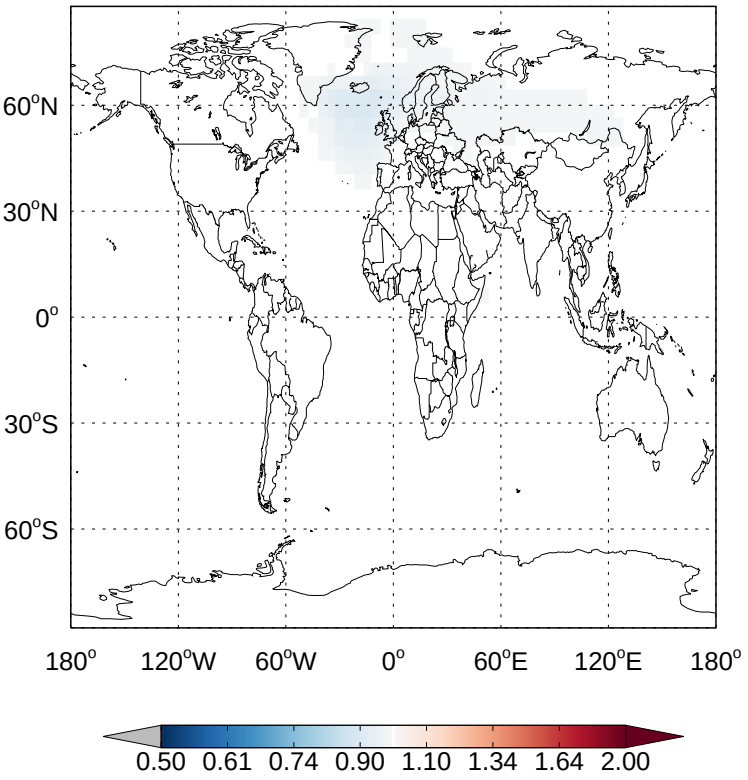
v11-01-public-Run0 / v11-01k-Run0

HNO4 / Ratio @ Surface for Oct



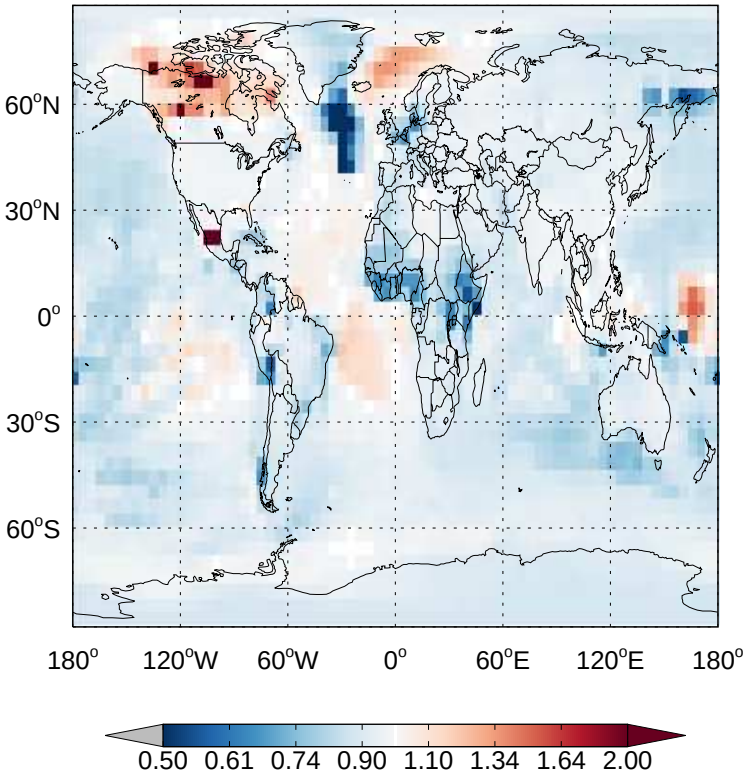
v11-01-public-Run0 / v11-01k-Run0

HNO4/ Ratio @ 500 hPa for Oct



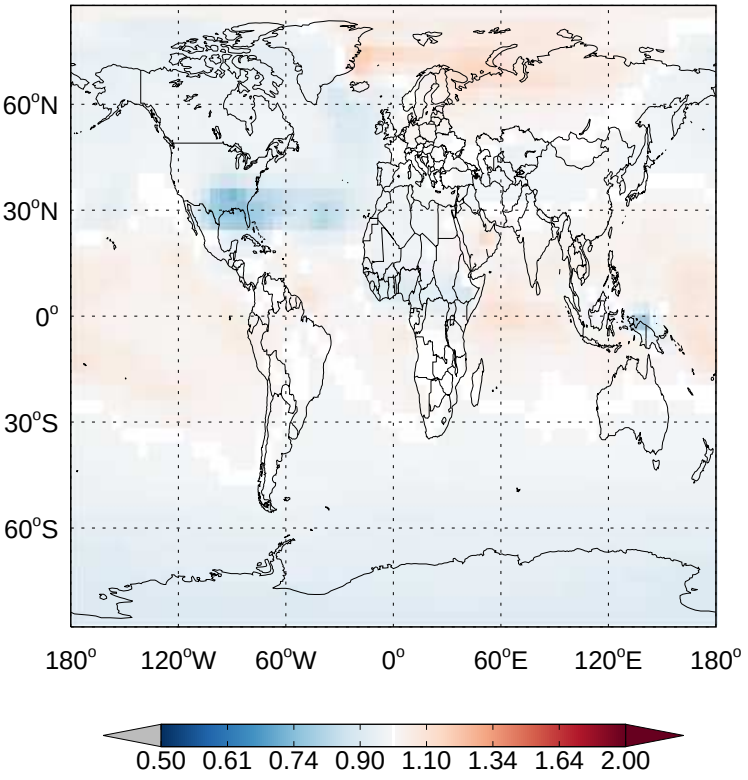
v11-01-public-Run0 / v11-01g-Run0

HNO4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

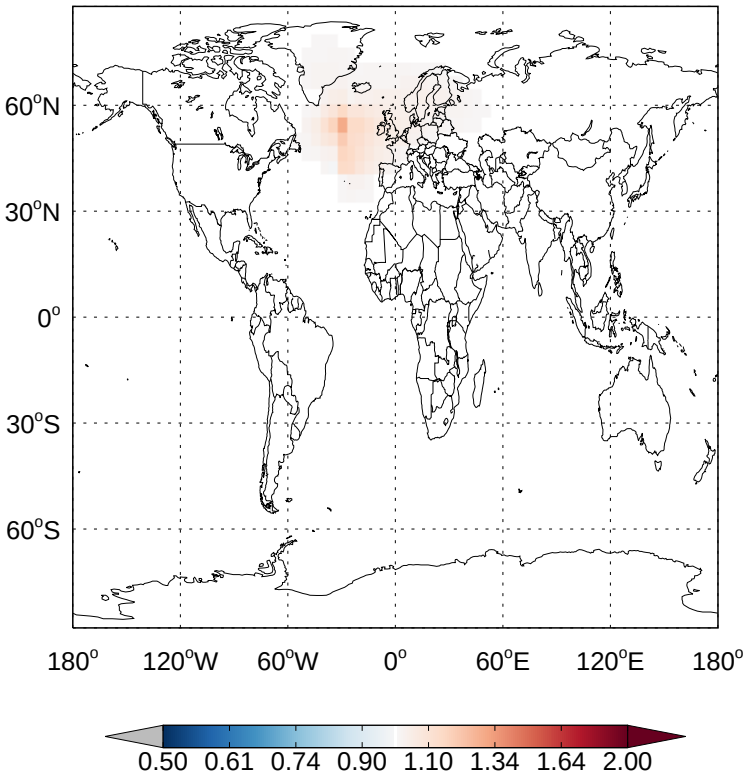
HNO4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

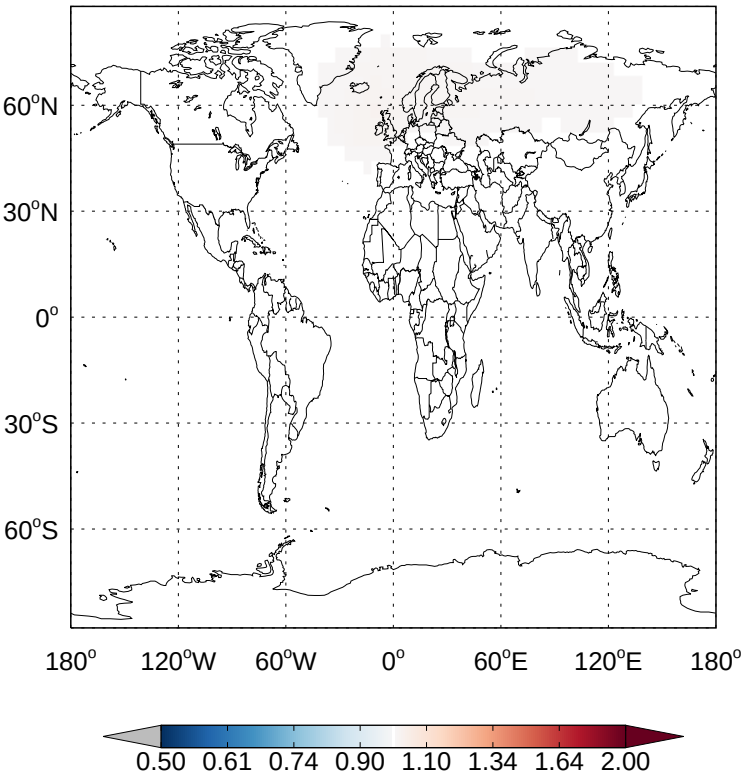
v11-01-public-Run0 / v11-01k-Run0

MP / Ratio @ Surface for Oct



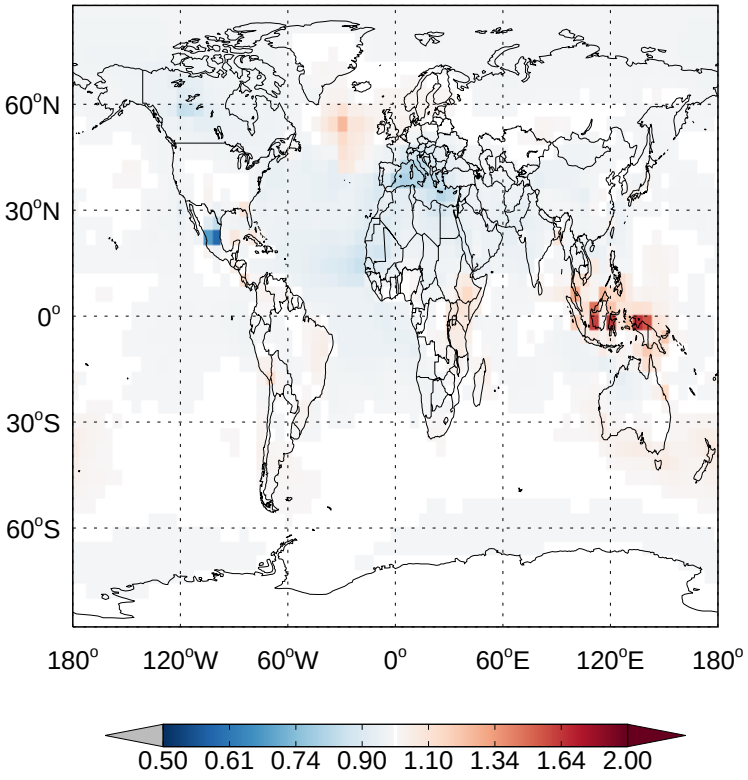
v11-01-public-Run0 / v11-01k-Run0

MP/ Ratio @ 500 hPa for Oct



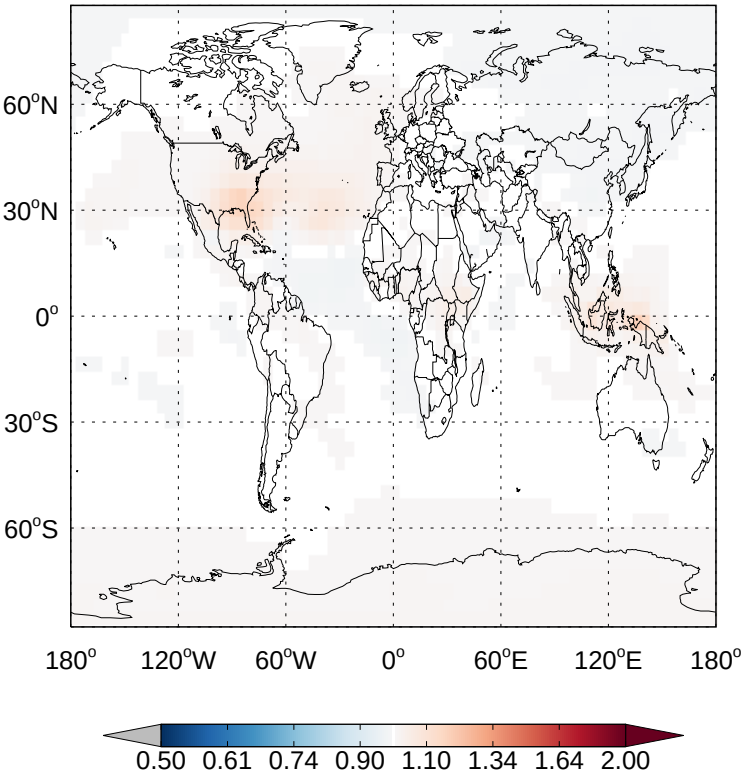
v11-01-public-Run0 / v11-01g-Run0

MP / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

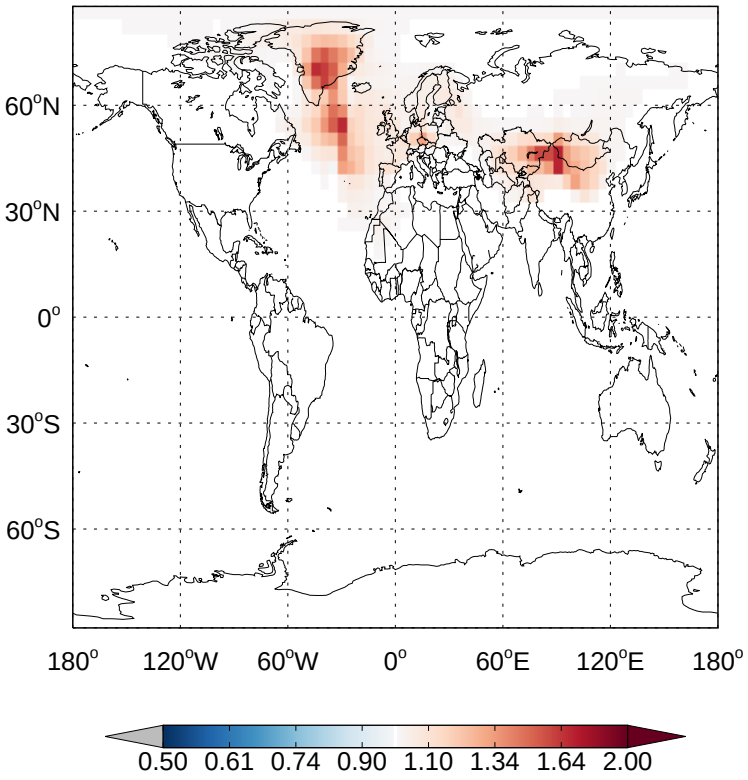
MP/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

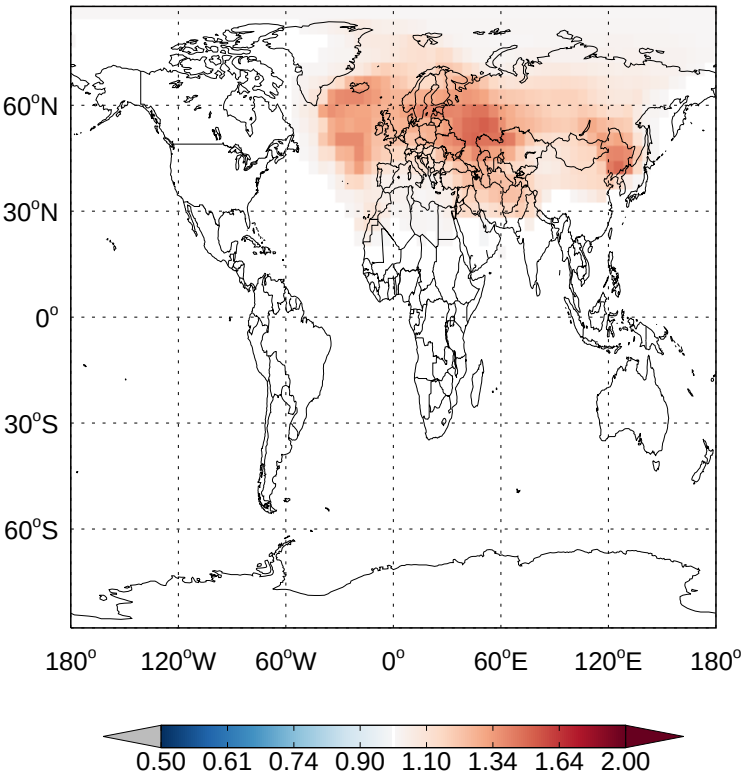
v11-01-public-Run0 / v11-01k-Run0

DMS / Ratio @ Surface for Oct



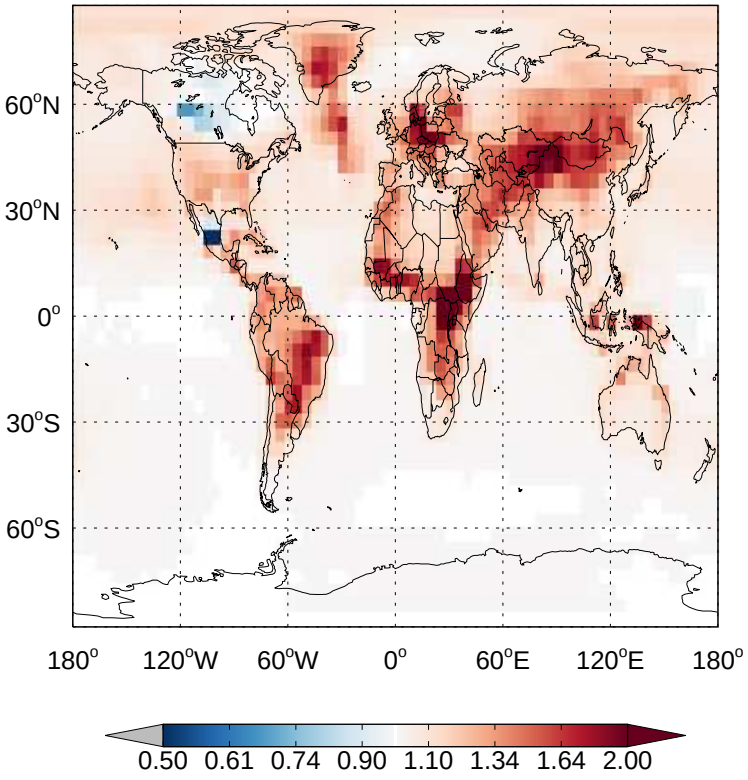
v11-01-public-Run0 / v11-01k-Run0

DMS/ Ratio @ 500 hPa for Oct



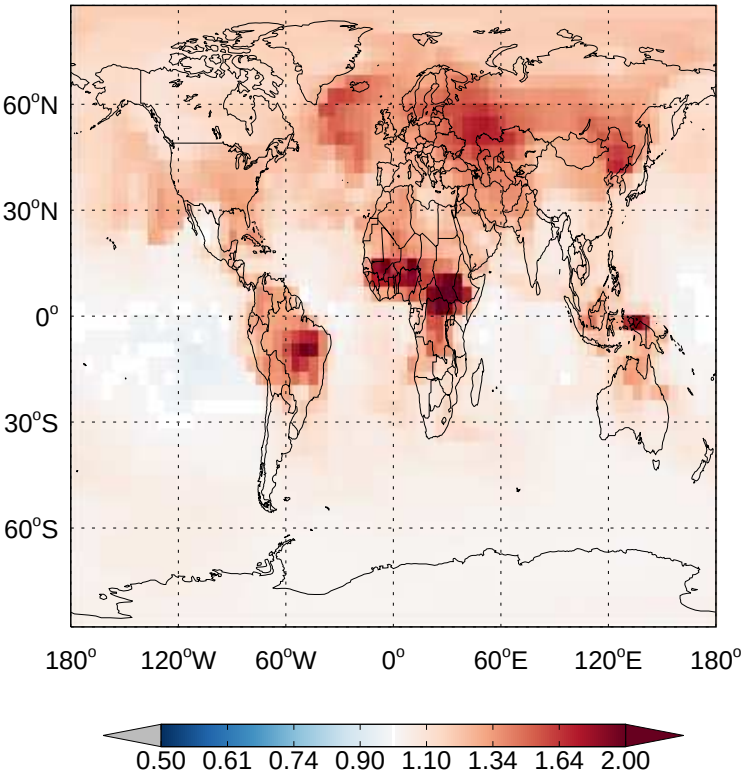
v11-01-public-Run0 / v11-01g-Run0

DMS / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

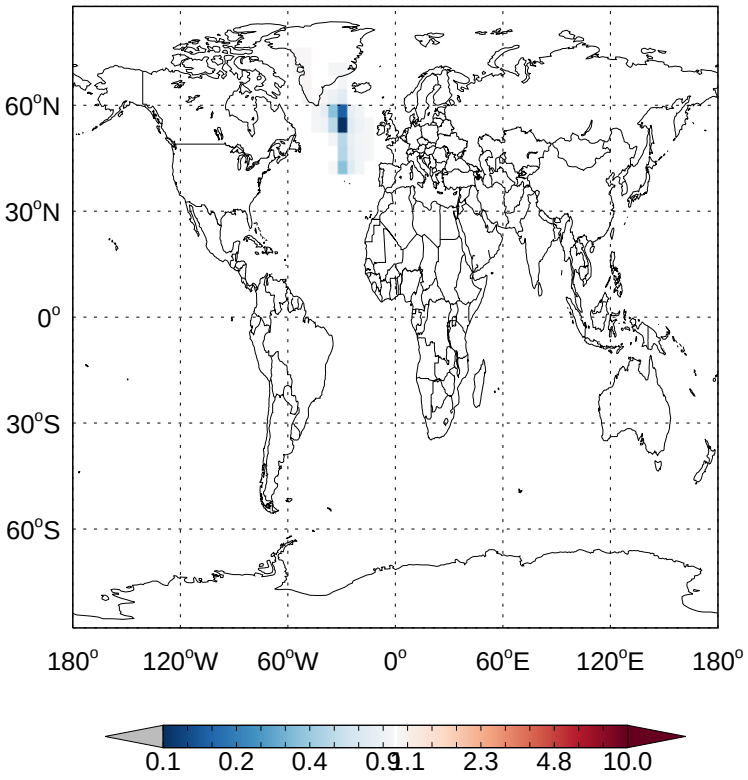
DMS/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

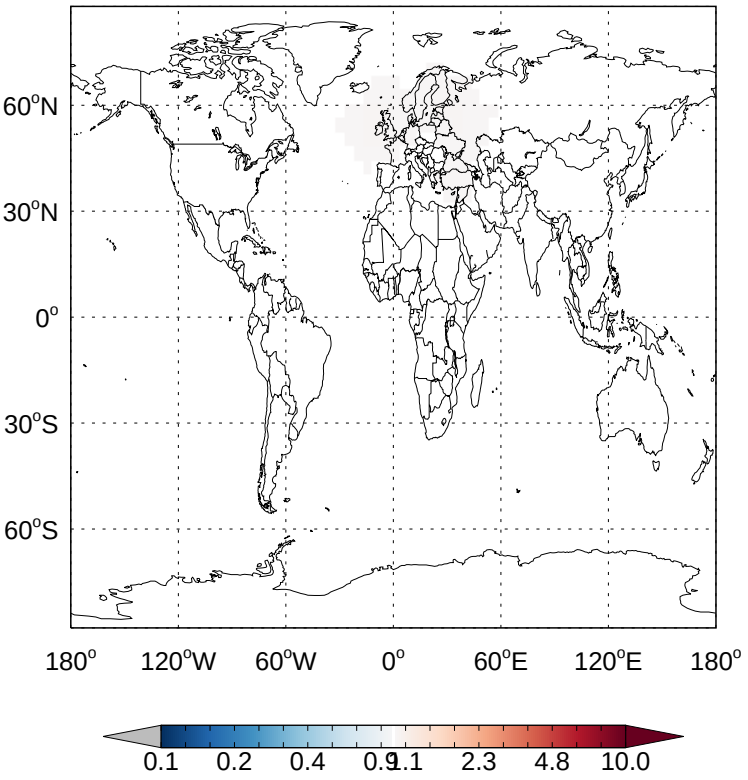
v11-01-public-Run0 / v11-01k-Run0

SO2 / Ratio @ Surface for Oct



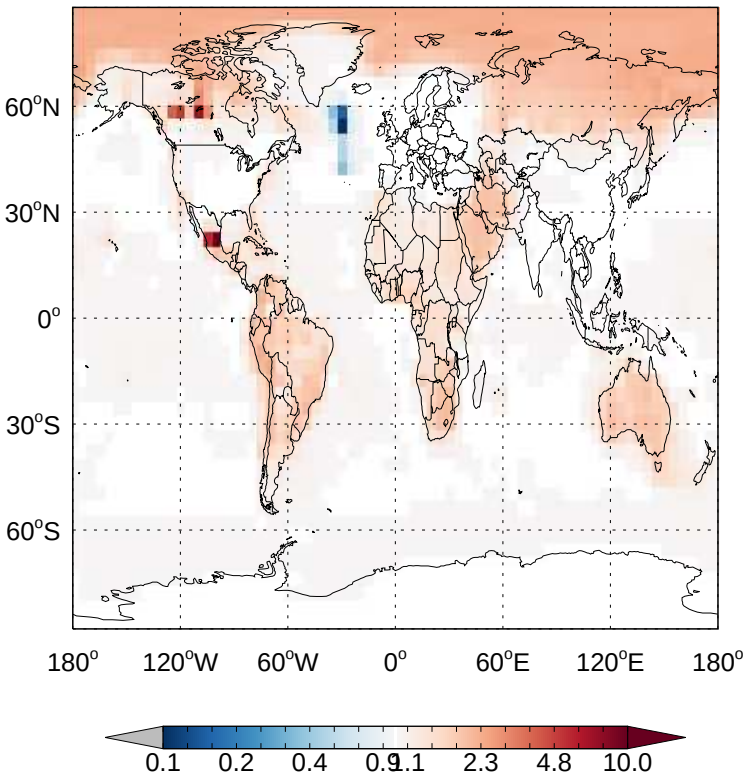
v11-01-public-Run0 / v11-01k-Run0

SO2/ Ratio @ 500 hPa for Oct



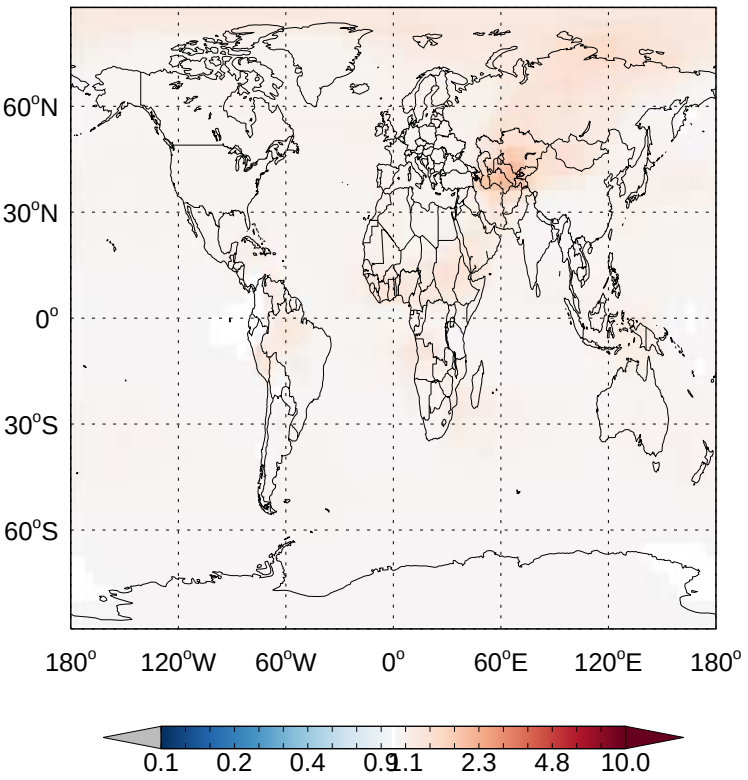
v11-01-public-Run0 / v11-01g-Run0

SO2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

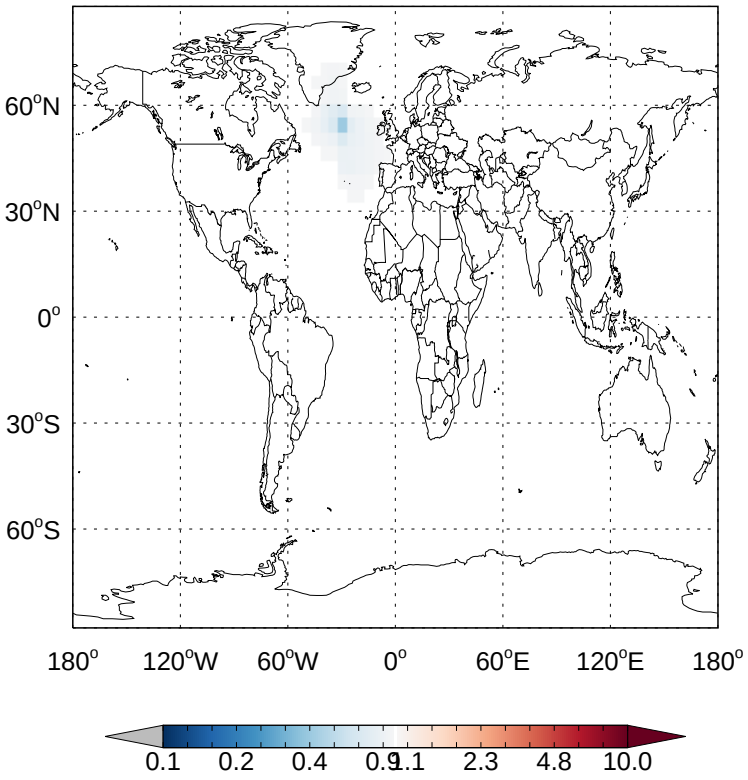
SO2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

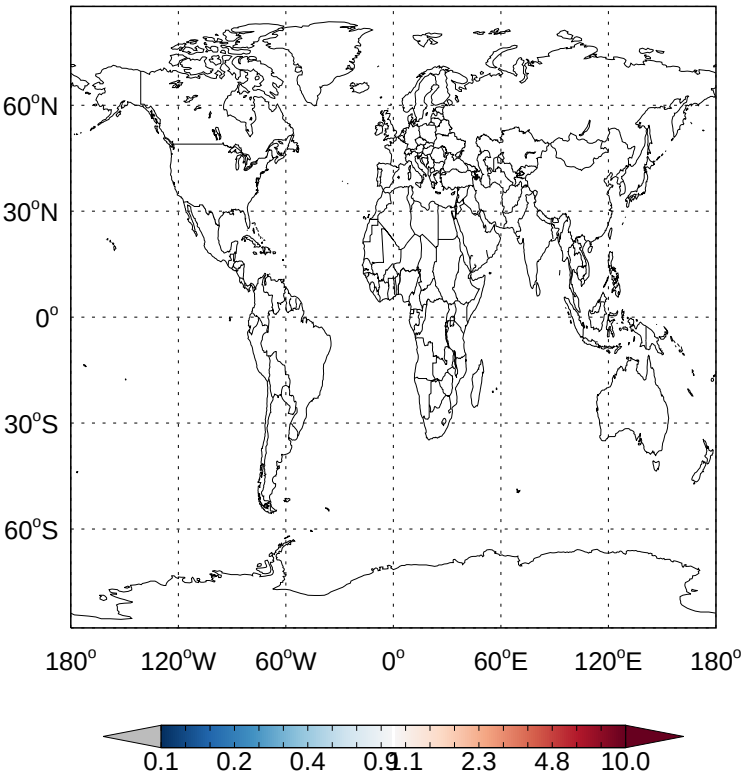
v11-01-public-Run0 / v11-01k-Run0

SO4 / Ratio @ Surface for Oct



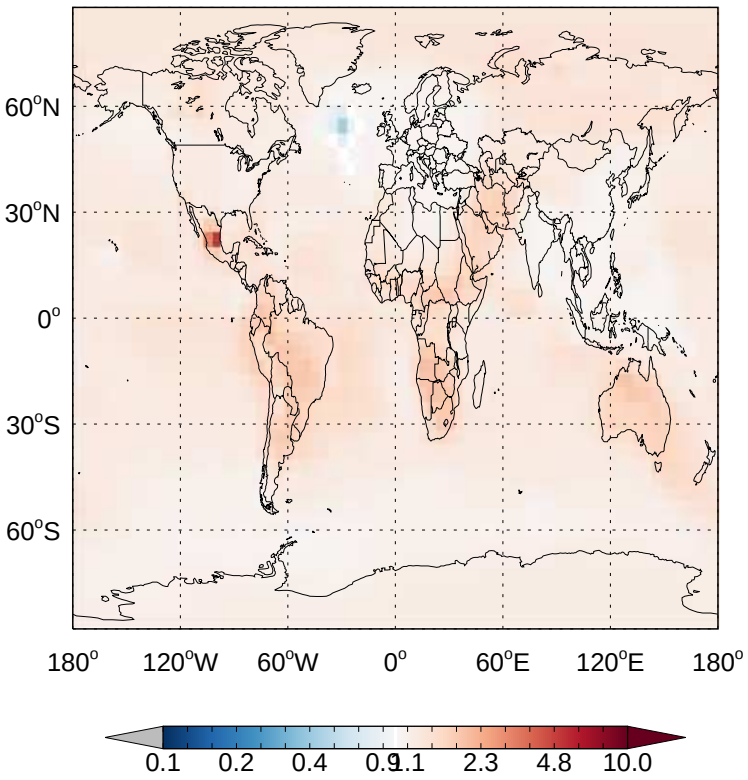
v11-01-public-Run0 / v11-01k-Run0

SO4/ Ratio @ 500 hPa for Oct



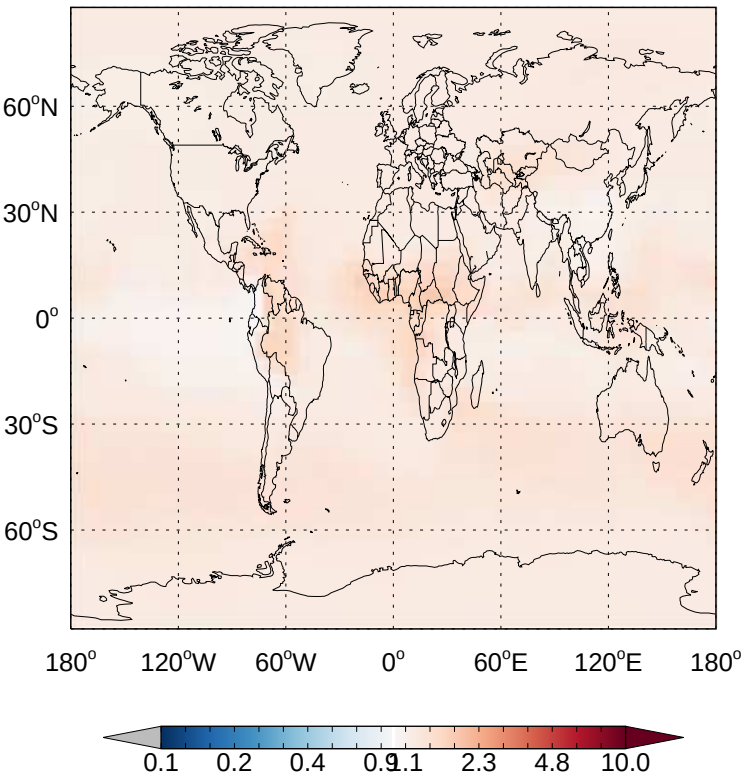
v11-01-public-Run0 / v11-01g-Run0

SO4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

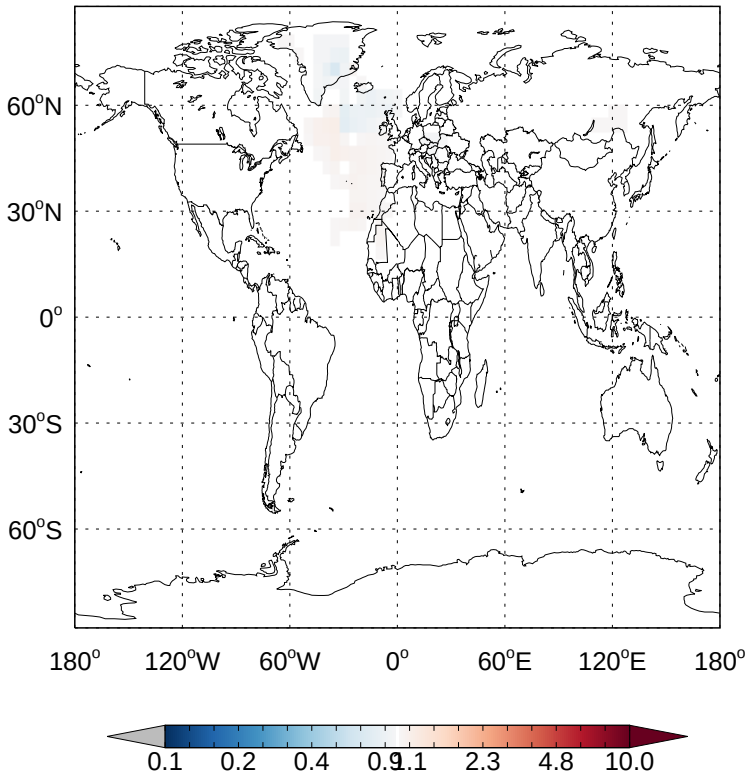
SO4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

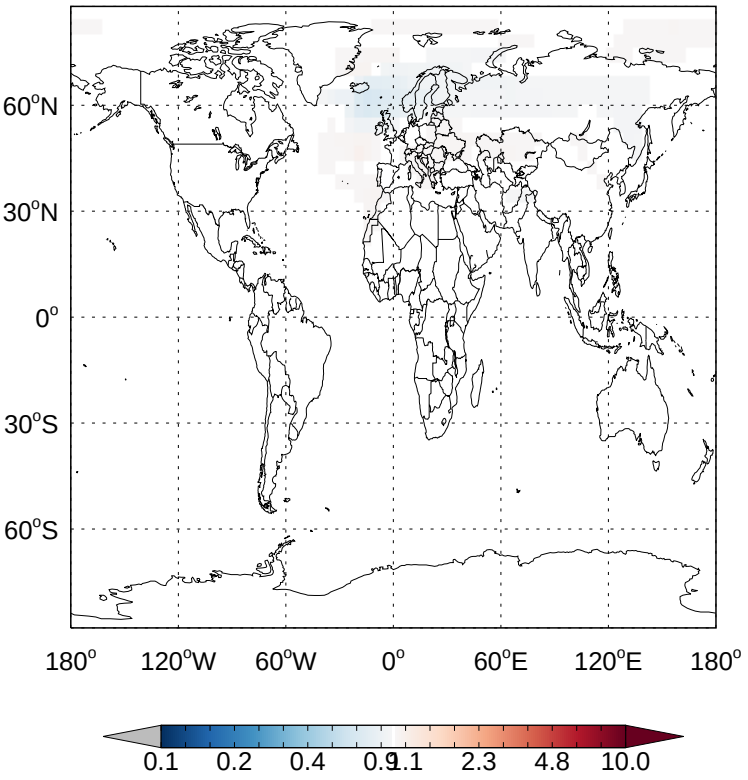
v11-01-public-Run0 / v11-01k-Run0

SO4s / Ratio @ Surface for Oct



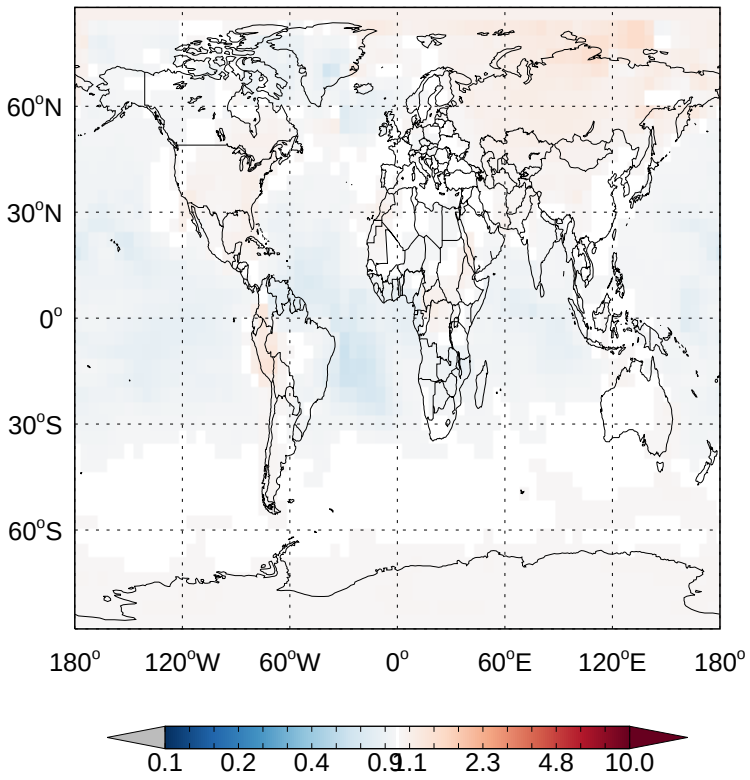
v11-01-public-Run0 / v11-01k-Run0

SO4s/ Ratio @ 500 hPa for Oct



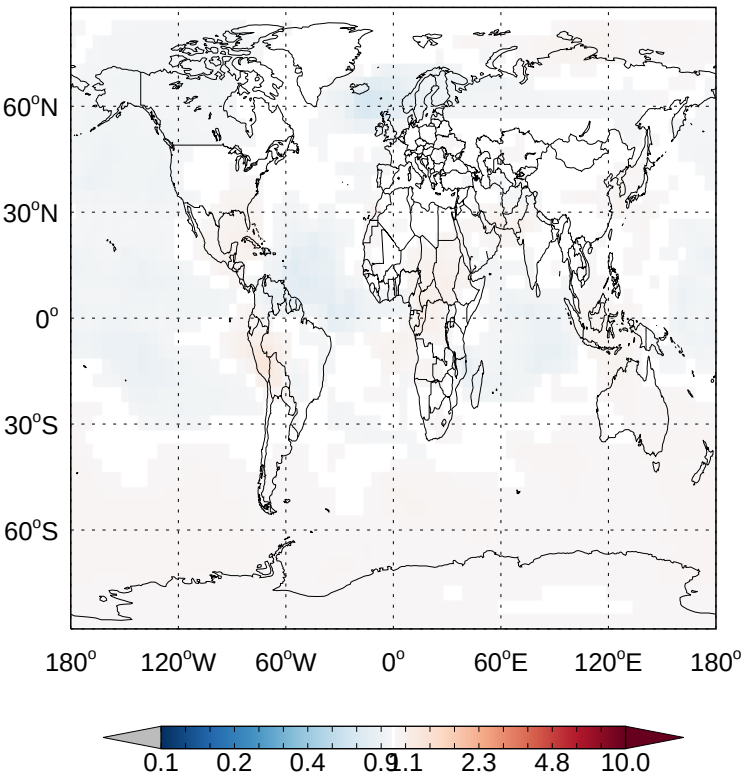
v11-01-public-Run0 / v11-01g-Run0

SO4s / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

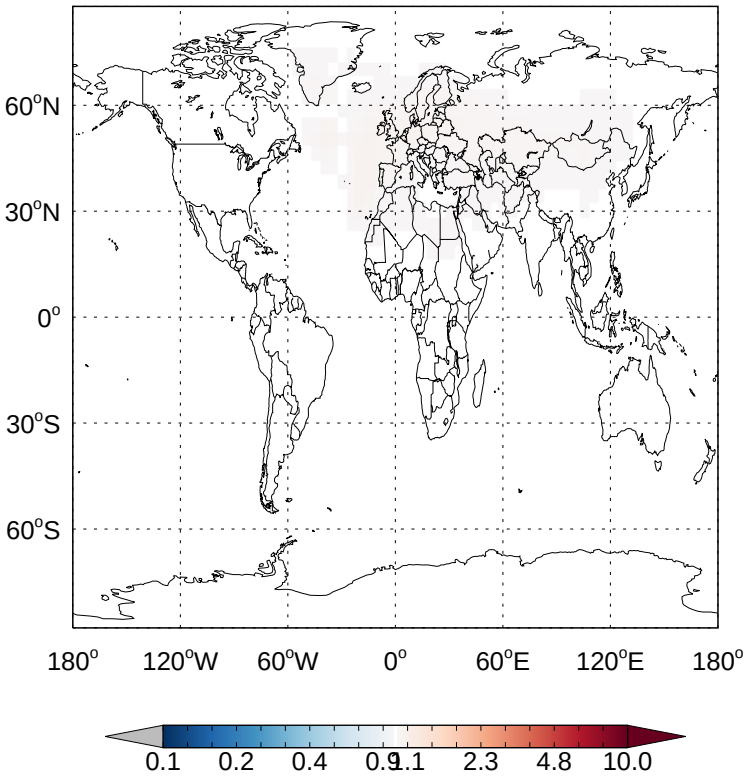
SO4s/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

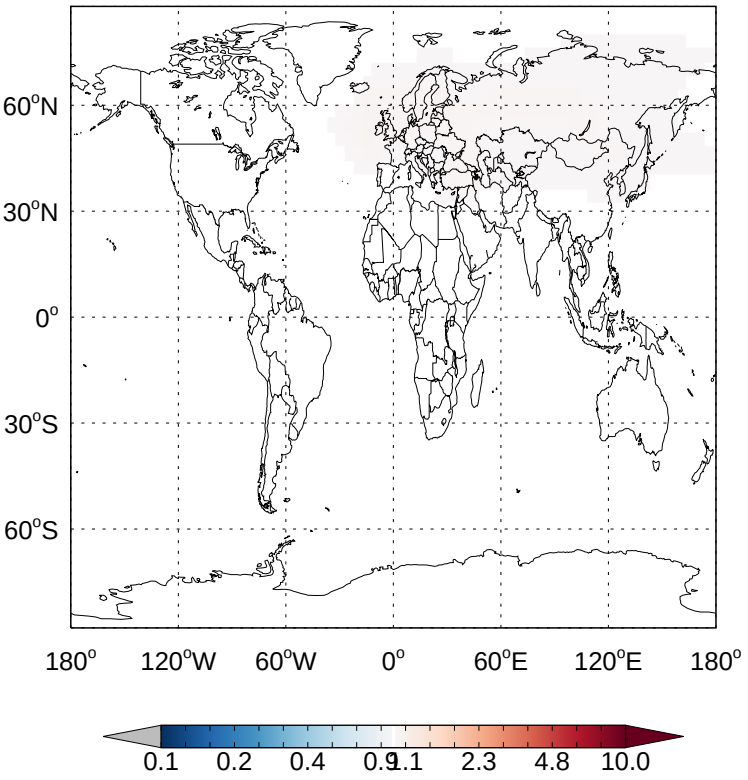
v11-01-public-Run0 / v11-01k-Run0

MSA / Ratio @ Surface for Oct



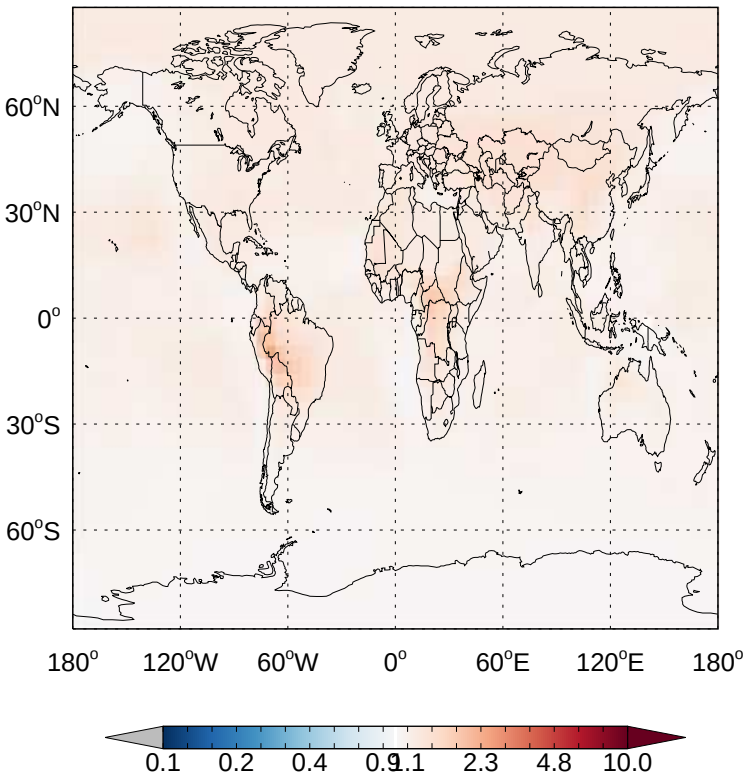
v11-01-public-Run0 / v11-01k-Run0

MSA/ Ratio @ 500 hPa for Oct



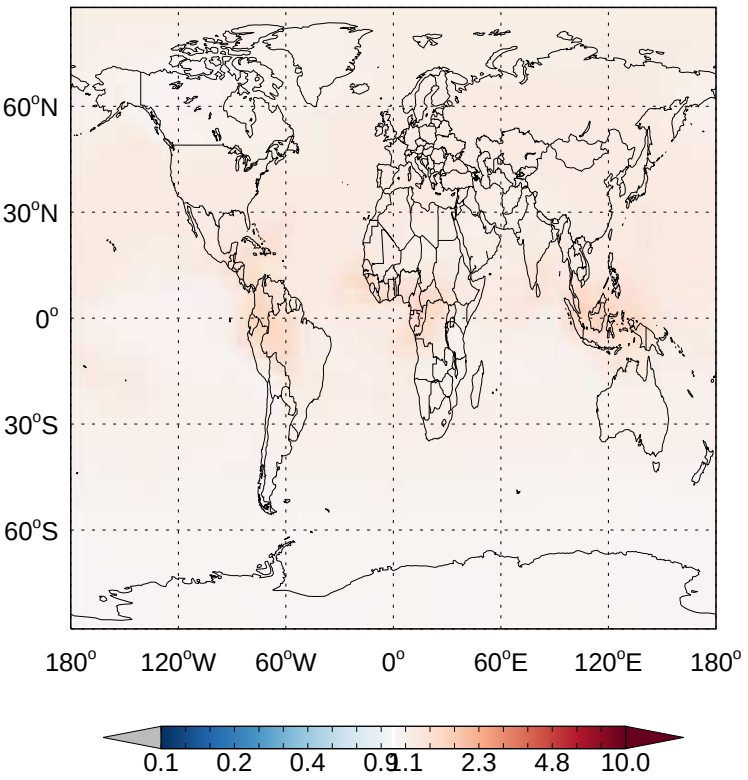
v11-01-public-Run0 / v11-01g-Run0

MSA / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

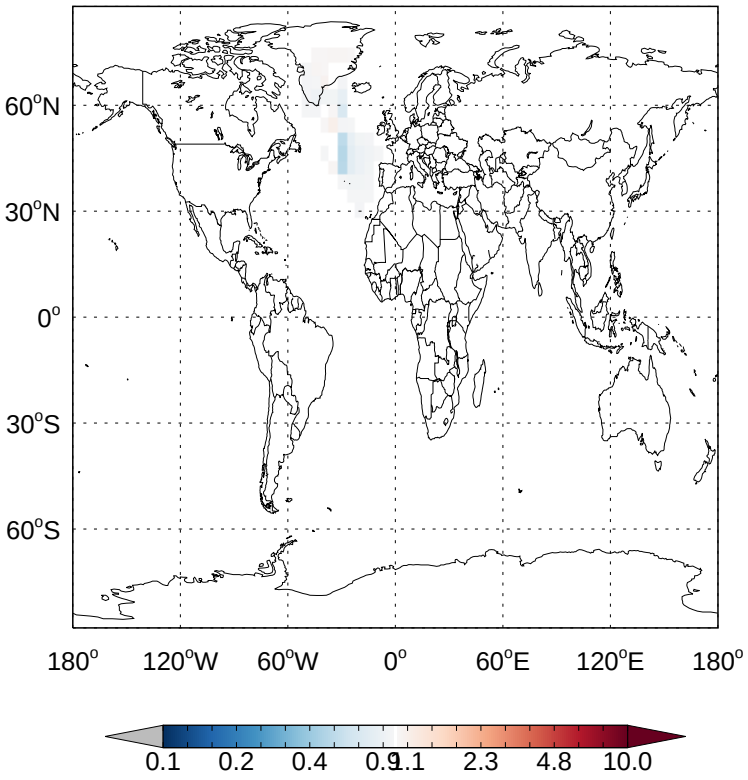
MSA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

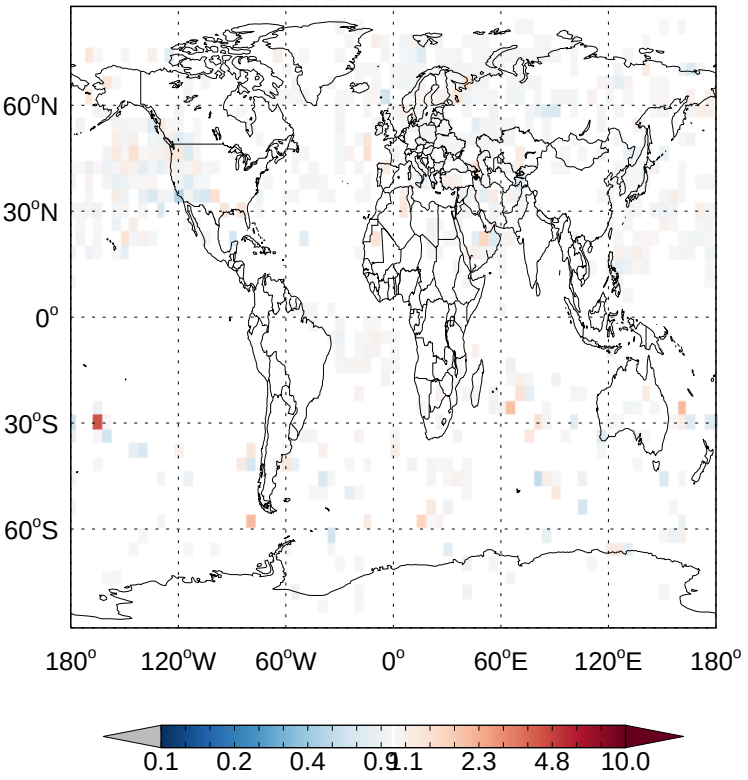
v11-01-public-Run0 / v11-01k-Run0

NH3 / Ratio @ Surface for Oct



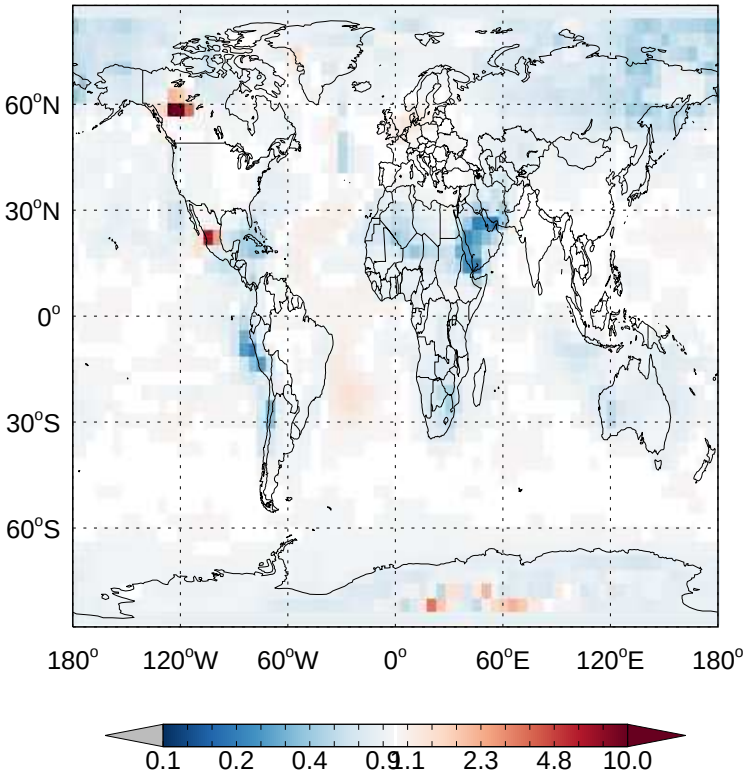
v11-01-public-Run0 / v11-01k-Run0

NH3/ Ratio @ 500 hPa for Oct



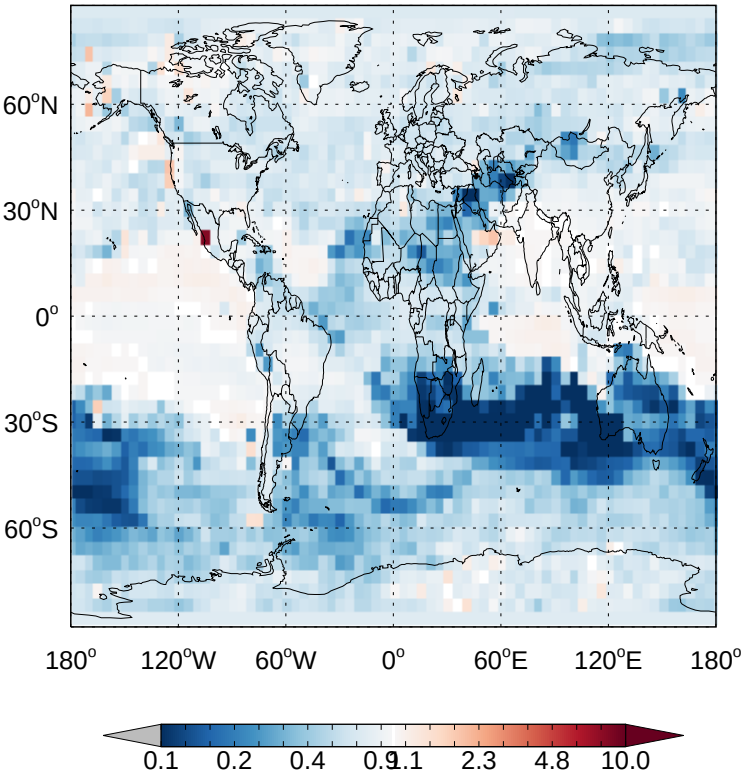
v11-01-public-Run0 / v11-01g-Run0

NH3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

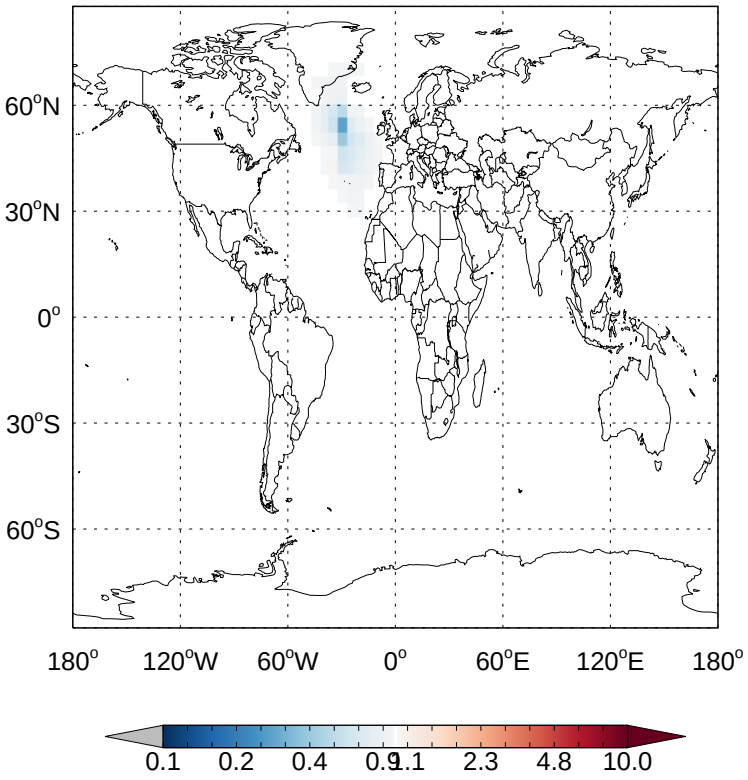
NH3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

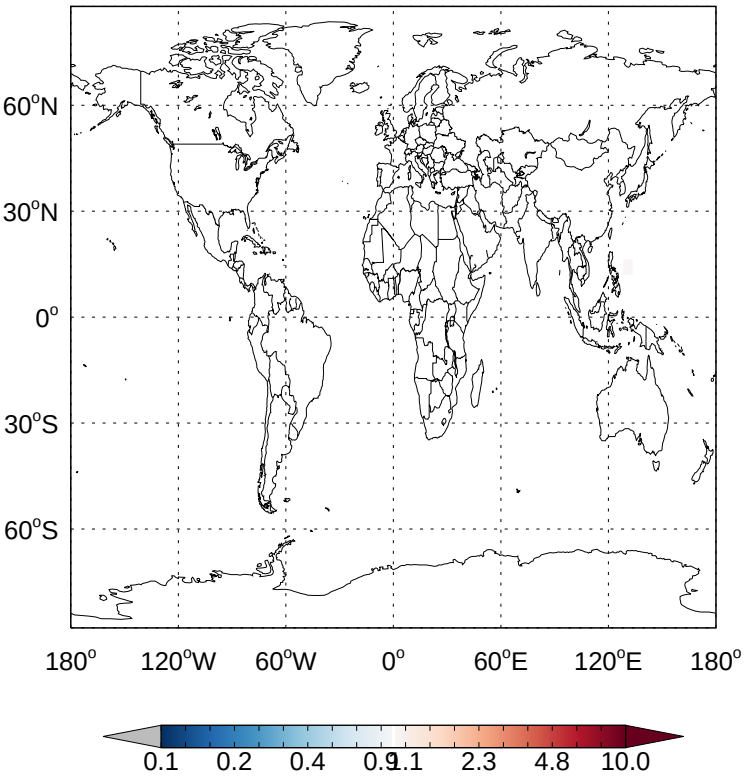
v11-01-public-Run0 / v11-01k-Run0

NH4 / Ratio @ Surface for Oct



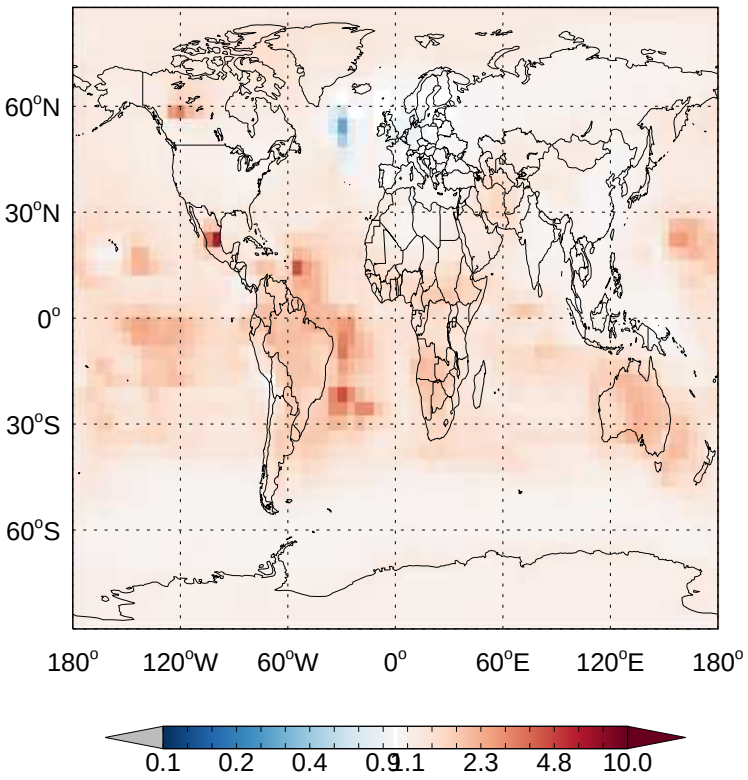
v11-01-public-Run0 / v11-01k-Run0

NH4/ Ratio @ 500 hPa for Oct



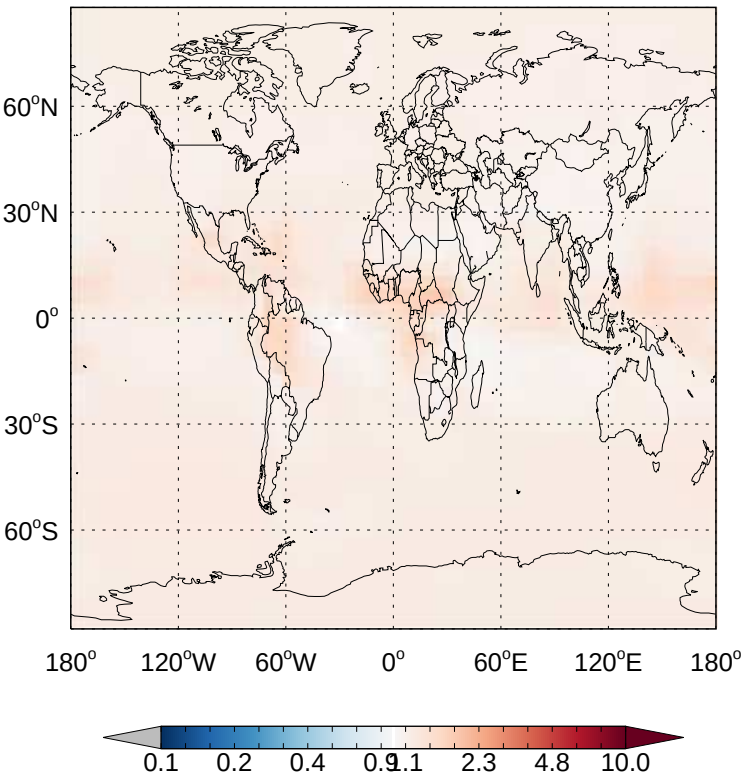
v11-01-public-Run0 / v11-01g-Run0

NH4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

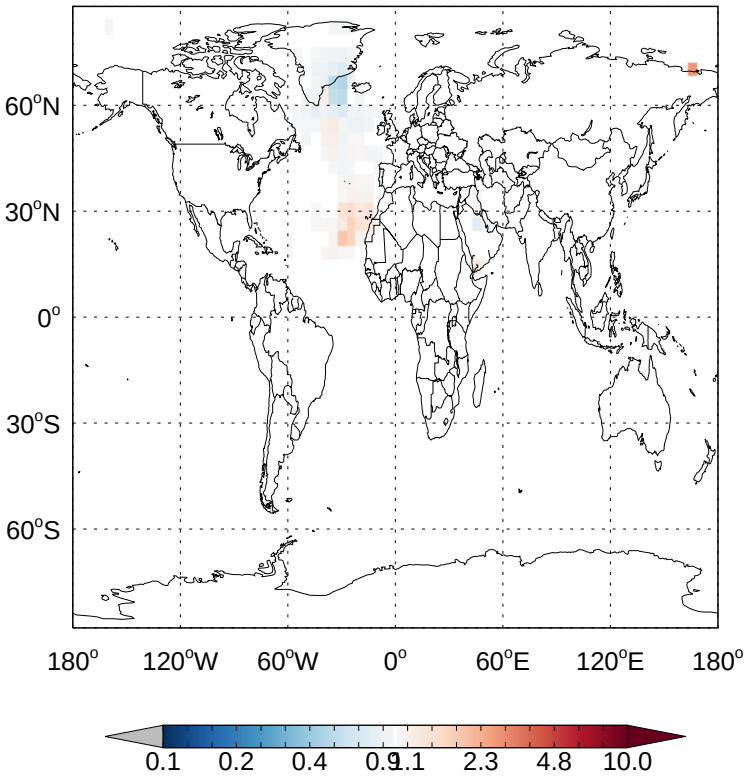
NH4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

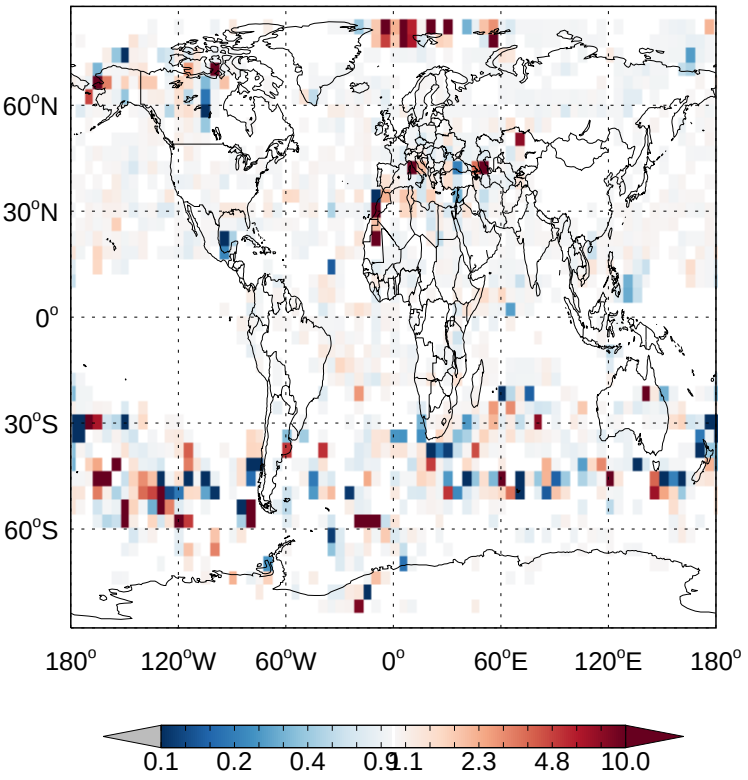
v11-01-public-Run0 / v11-01k-Run0

NIT / Ratio @ Surface for Oct



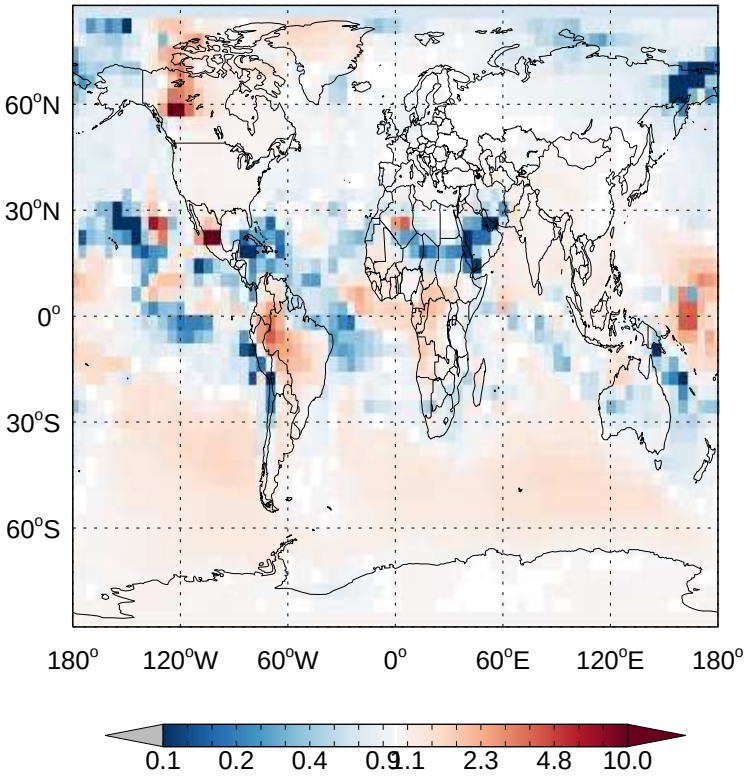
v11-01-public-Run0 / v11-01k-Run0

NIT/ Ratio @ 500 hPa for Oct



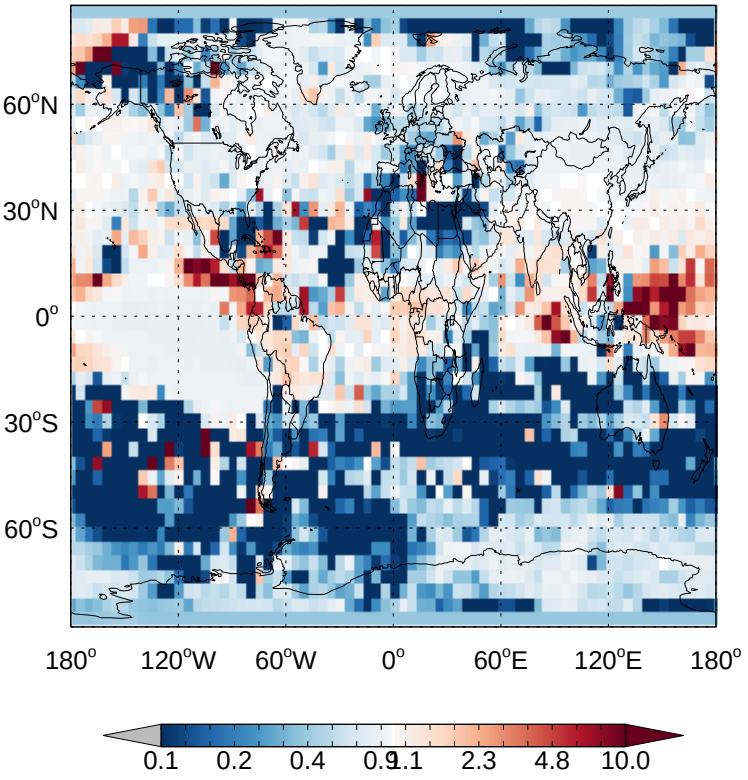
v11-01-public-Run0 / v11-01g-Run0

NIT / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

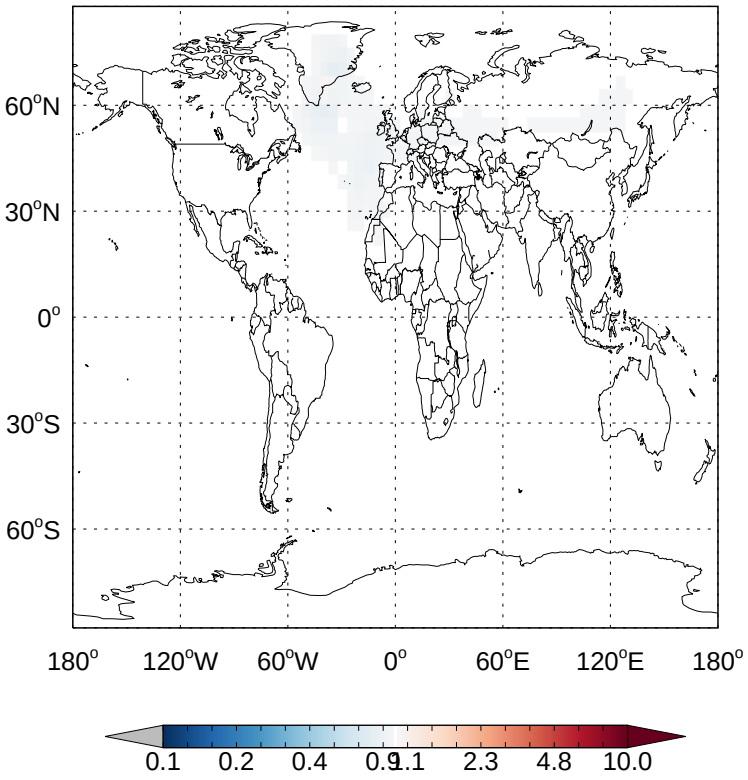
NIT/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

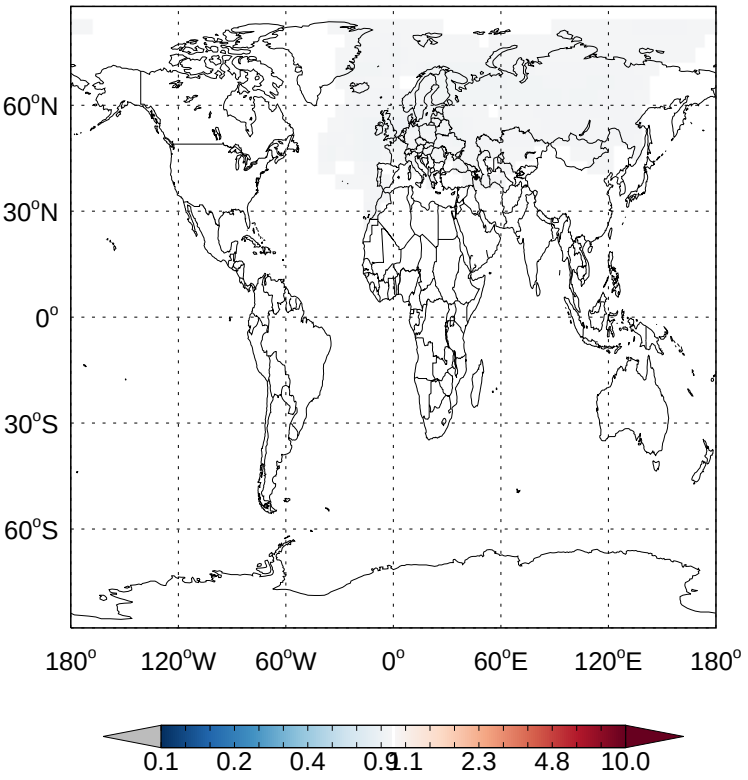
v11-01-public-Run0 / v11-01k-Run0

NITs / Ratio @ Surface for Oct



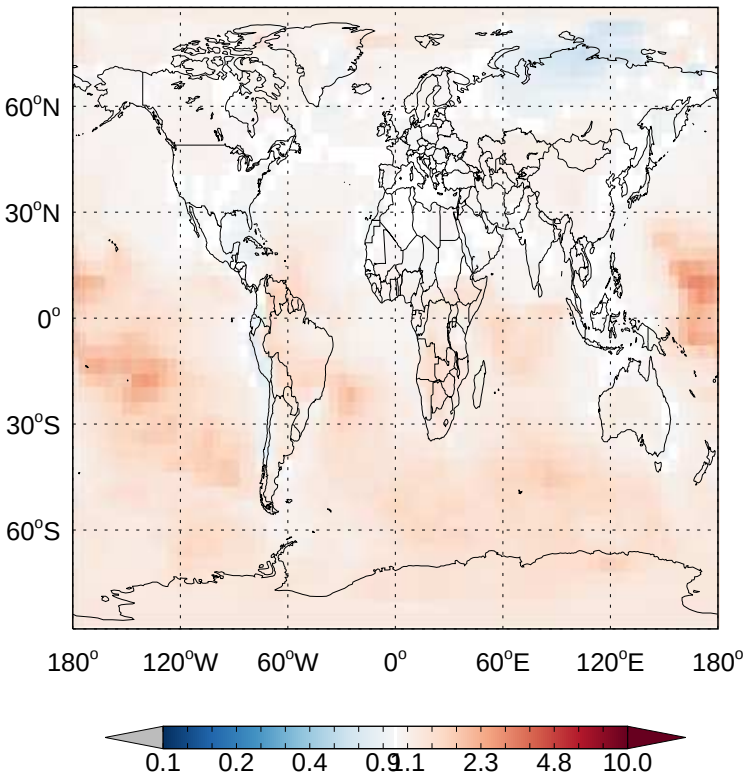
v11-01-public-Run0 / v11-01k-Run0

NITs/ Ratio @ 500 hPa for Oct



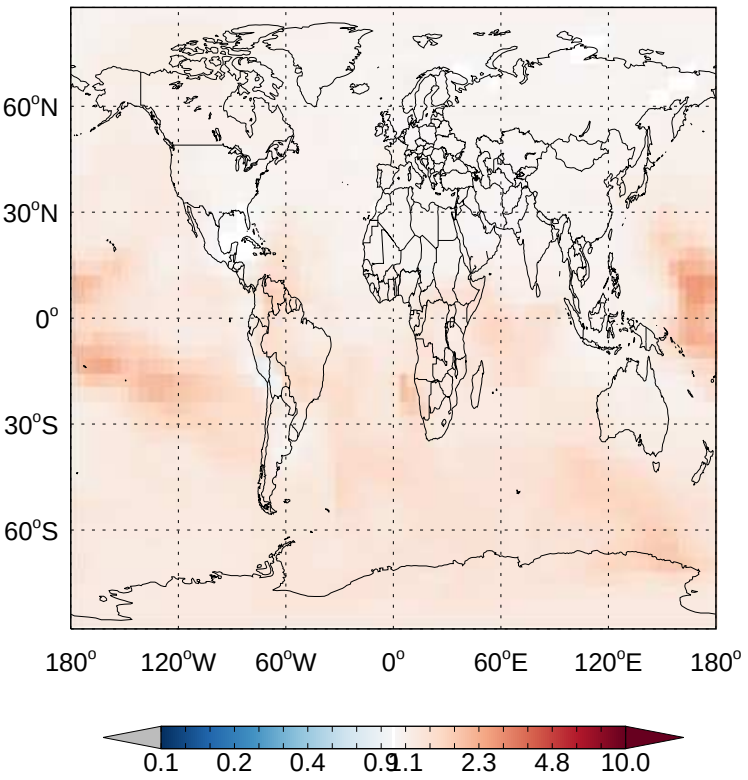
v11-01-public-Run0 / v11-01g-Run0

NITs / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

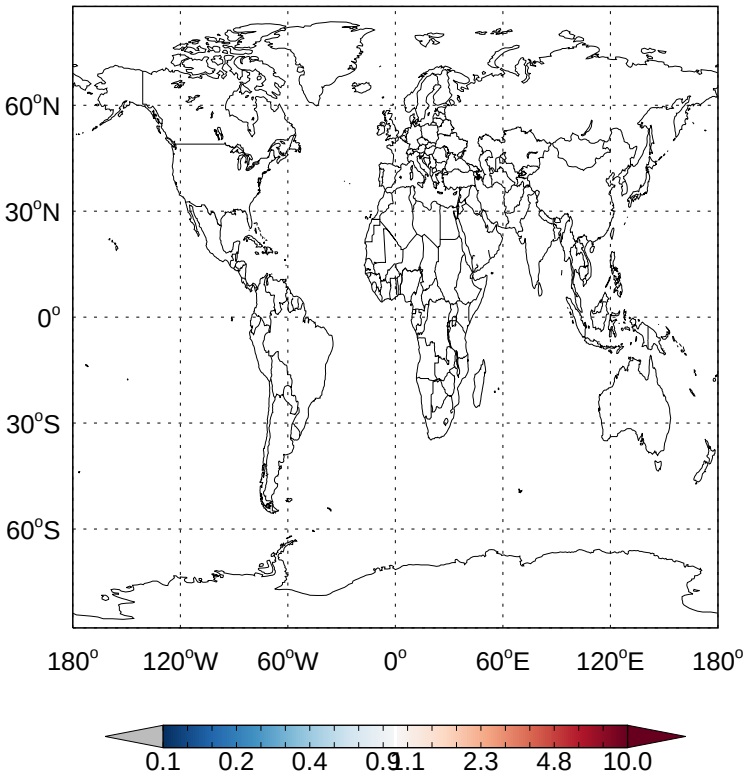
NITs/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

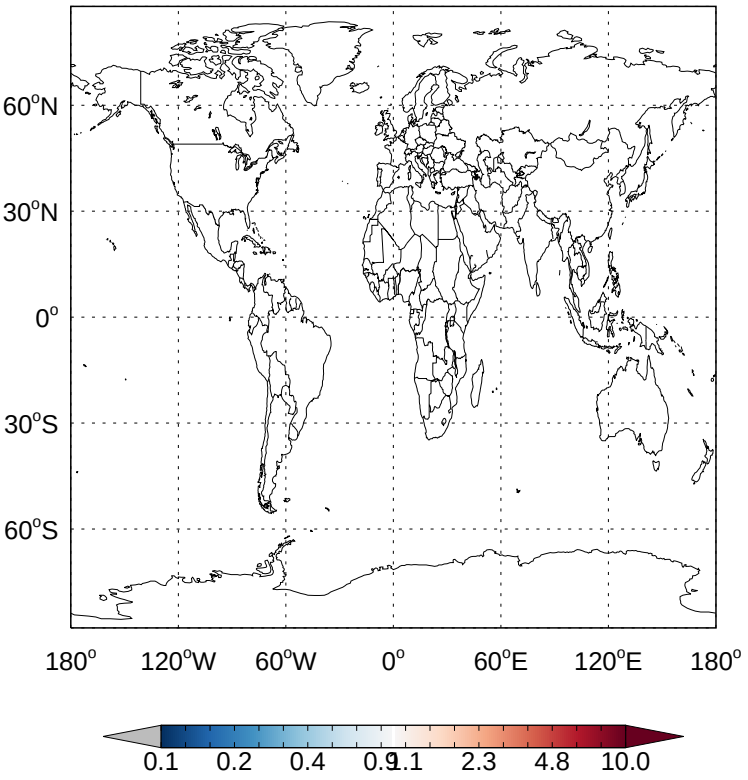
v11-01-public-Run0 / v11-01k-Run0

BCPI / Ratio @ Surface for Oct



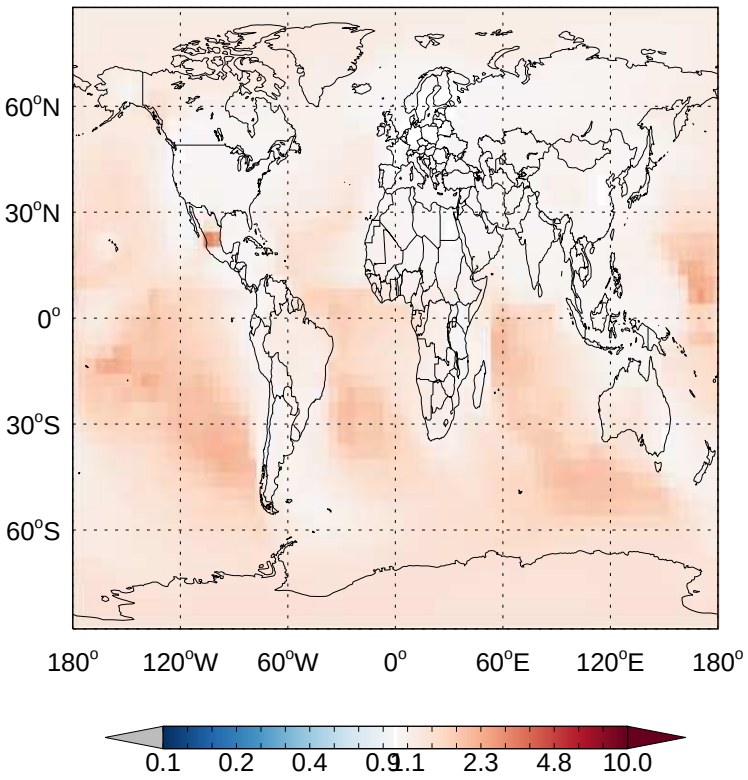
v11-01-public-Run0 / v11-01k-Run0

BCPI/ Ratio @ 500 hPa for Oct



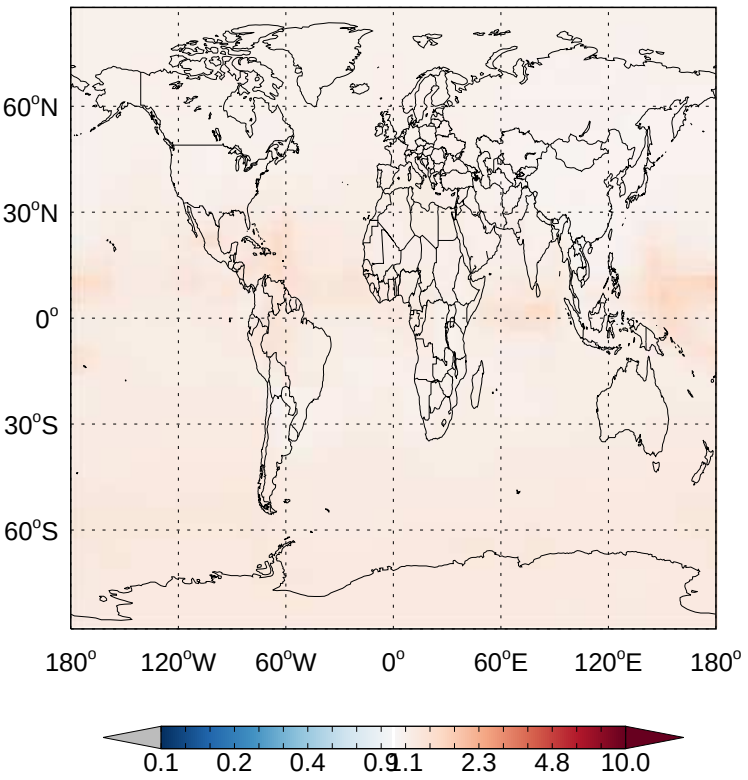
v11-01-public-Run0 / v11-01g-Run0

BCPI / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

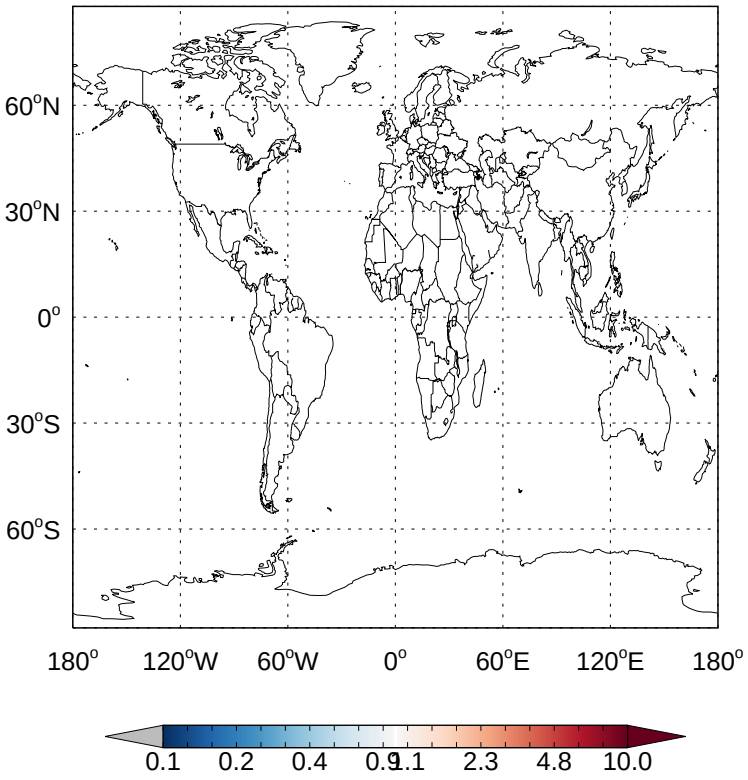
BCPI/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

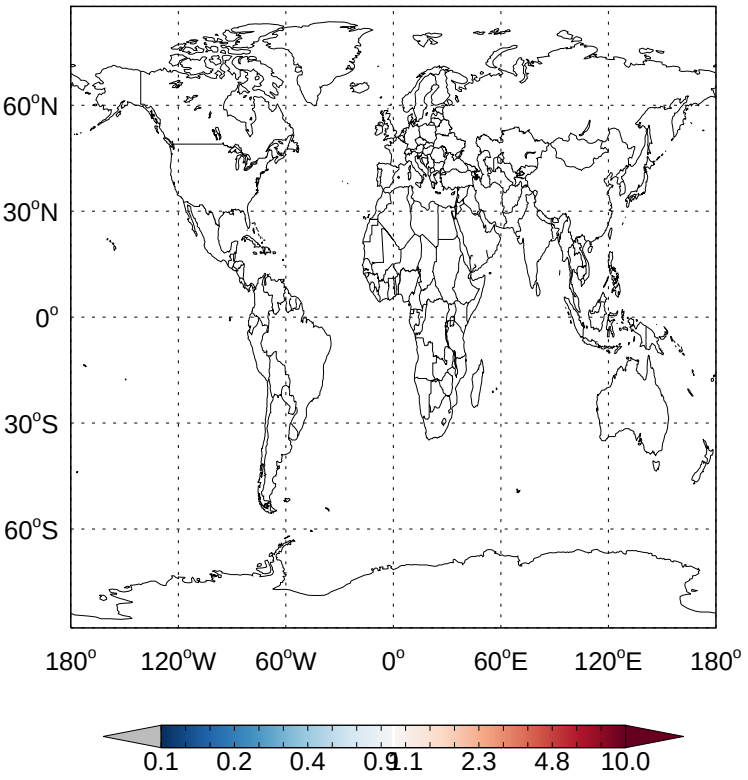
v11-01-public-Run0 / v11-01k-Run0

OCPI / Ratio @ Surface for Oct



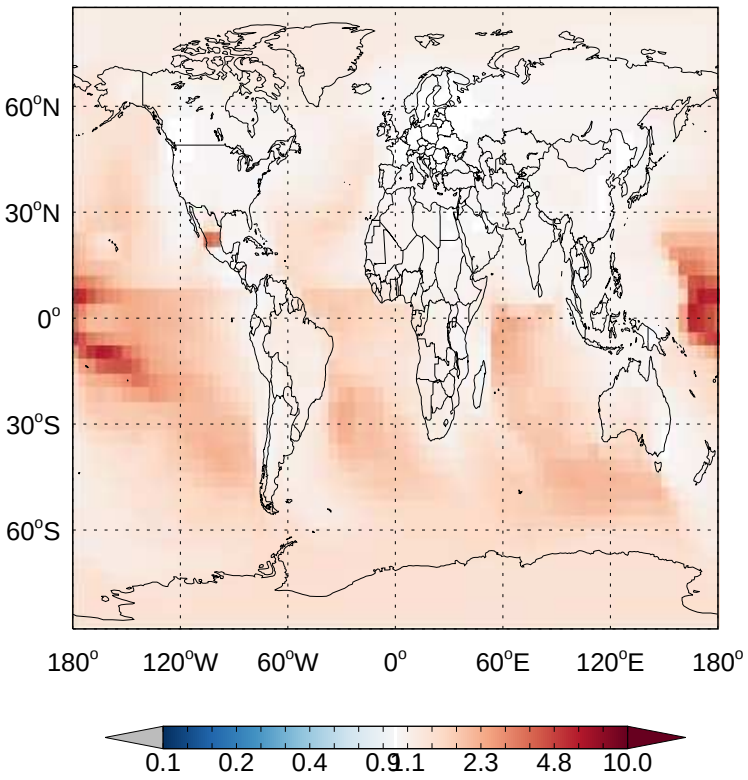
v11-01-public-Run0 / v11-01k-Run0

OCPI/ Ratio @ 500 hPa for Oct



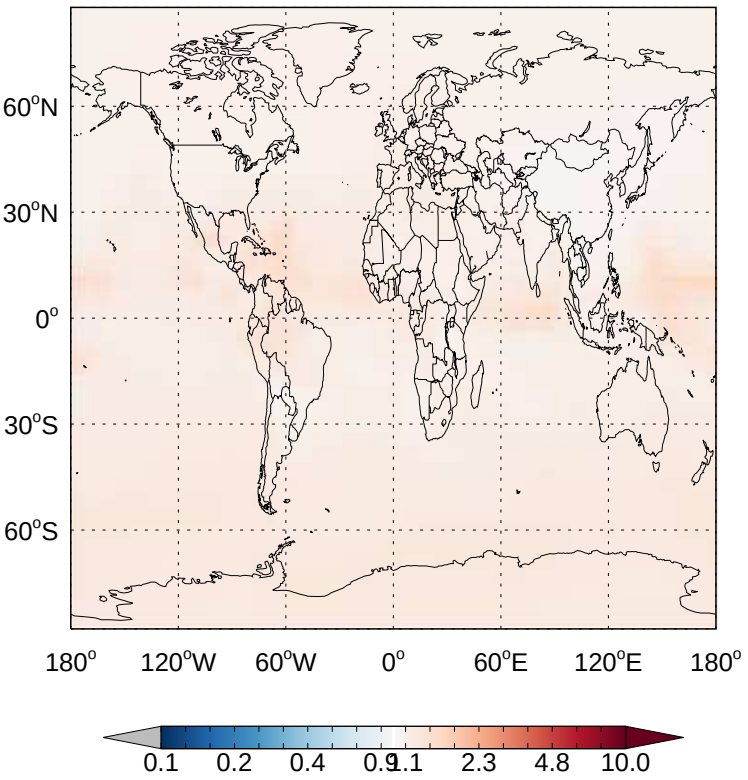
v11-01-public-Run0 / v11-01g-Run0

OCPI / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

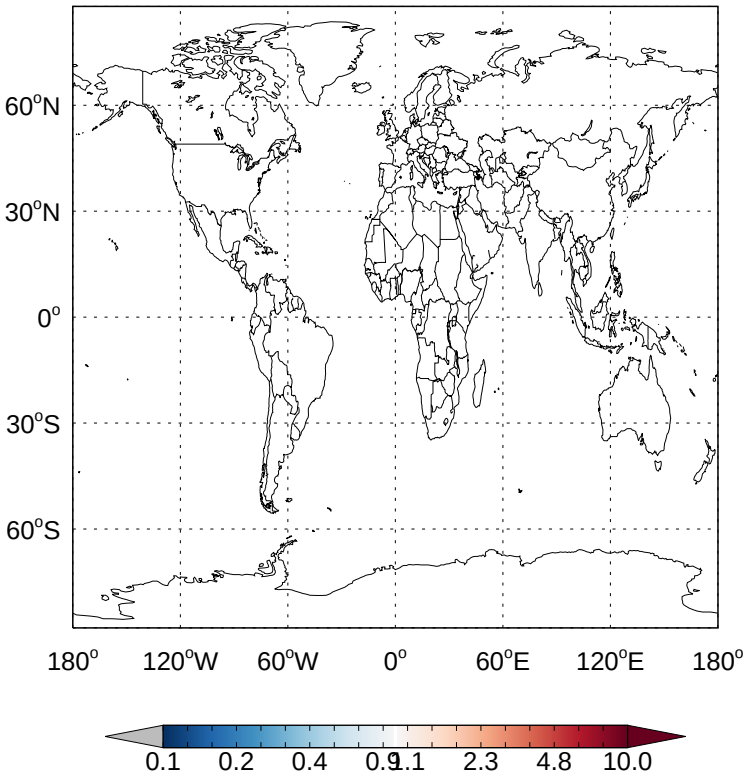
OCPI/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

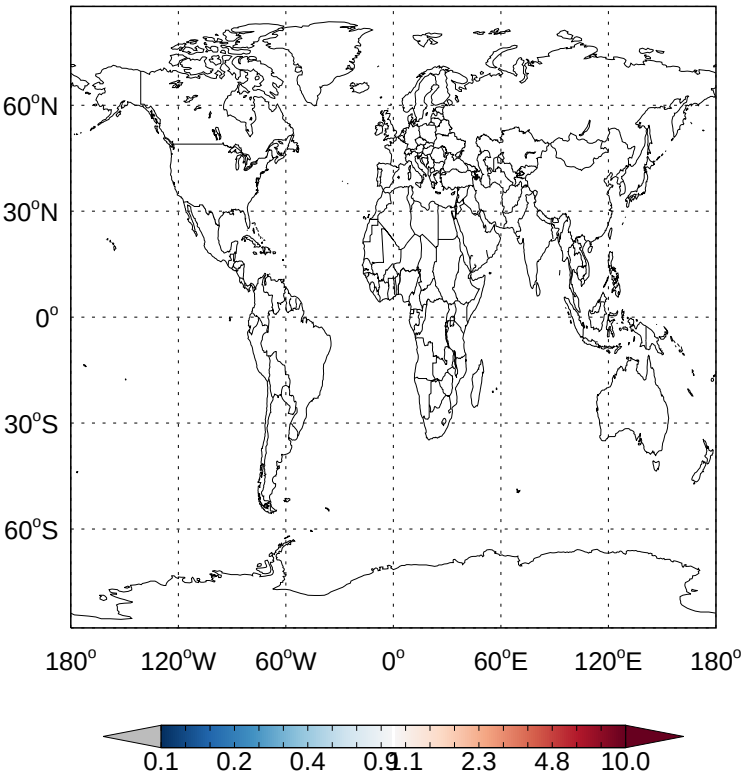
v11-01-public-Run0 / v11-01k-Run0

BCPO / Ratio @ Surface for Oct



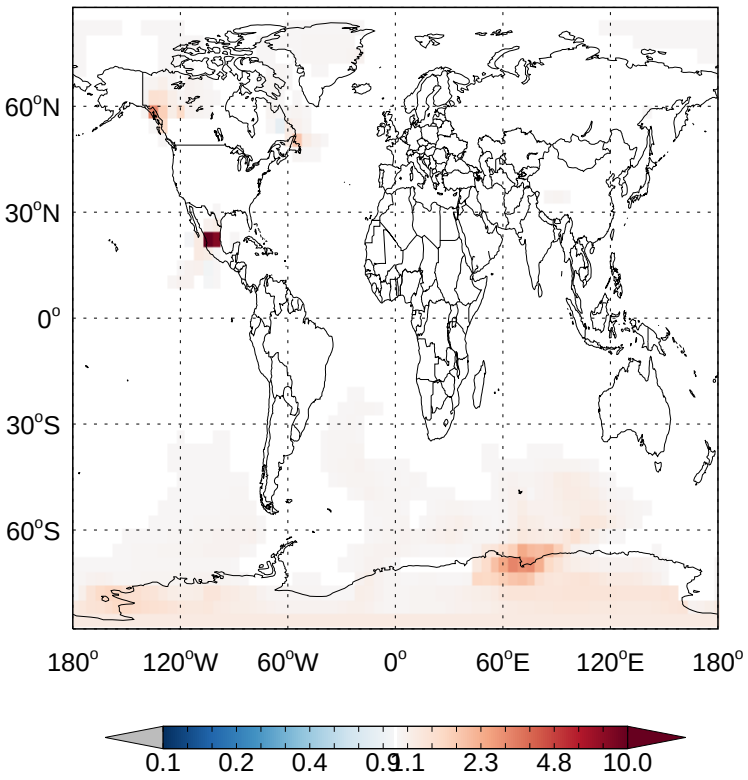
v11-01-public-Run0 / v11-01k-Run0

BCPO/ Ratio @ 500 hPa for Oct



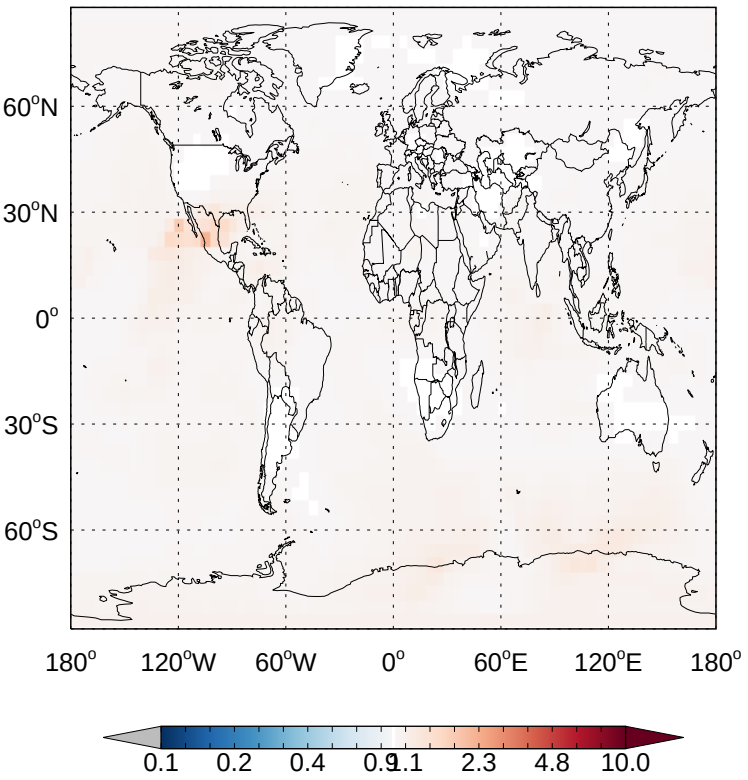
v11-01-public-Run0 / v11-01g-Run0

BCPO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

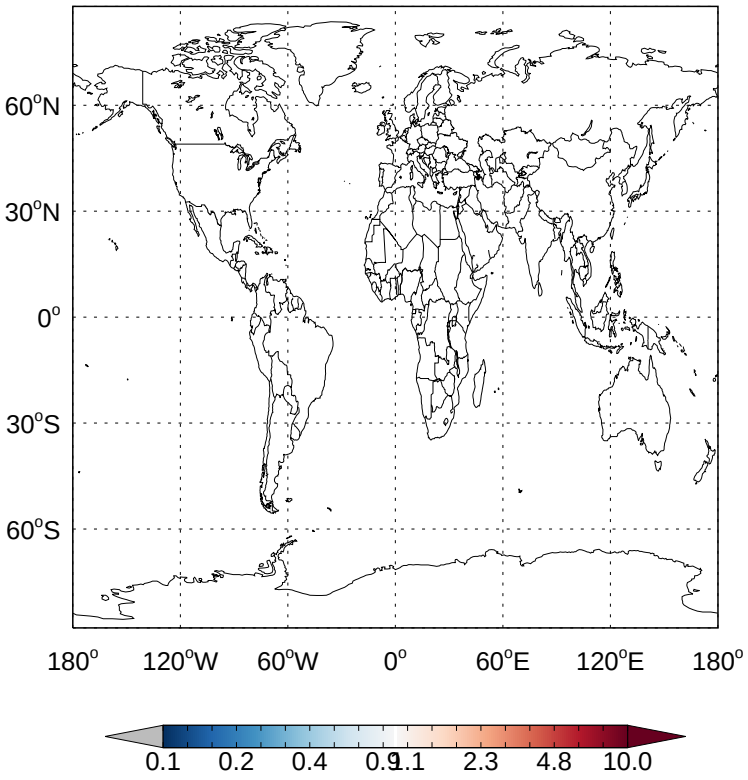
BCPO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

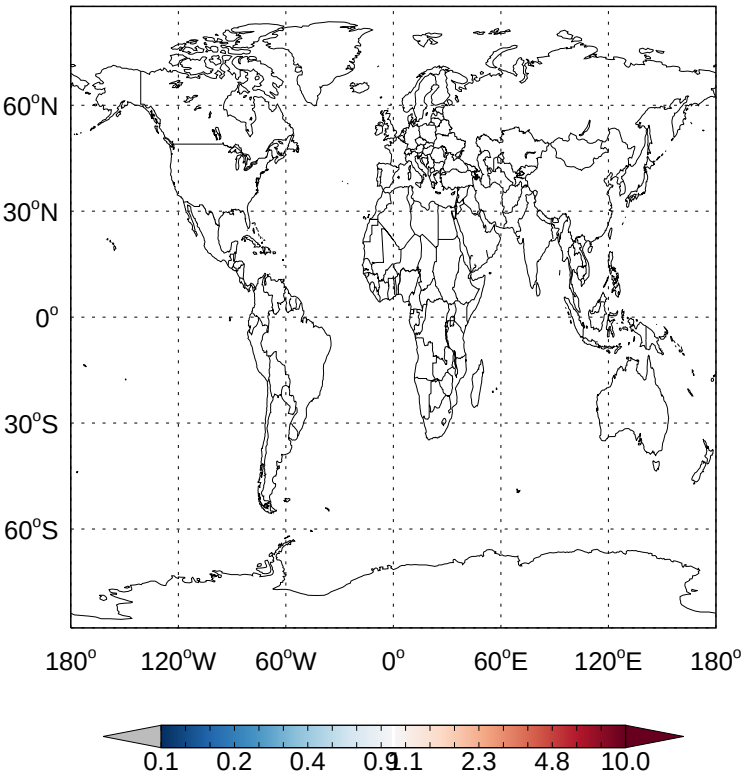
v11-01-public-Run0 / v11-01k-Run0

OCPO / Ratio @ Surface for Oct



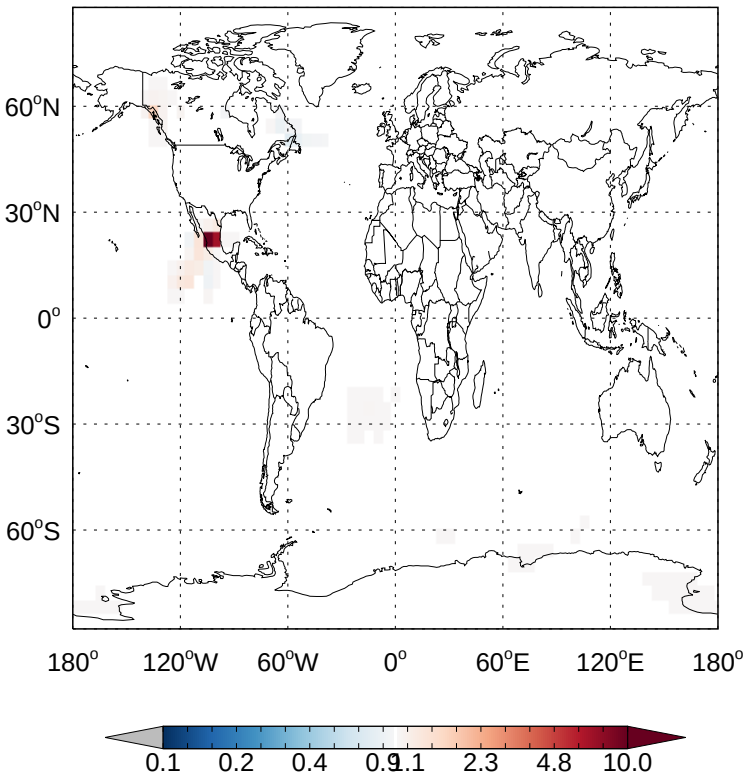
v11-01-public-Run0 / v11-01k-Run0

OCPO/ Ratio @ 500 hPa for Oct



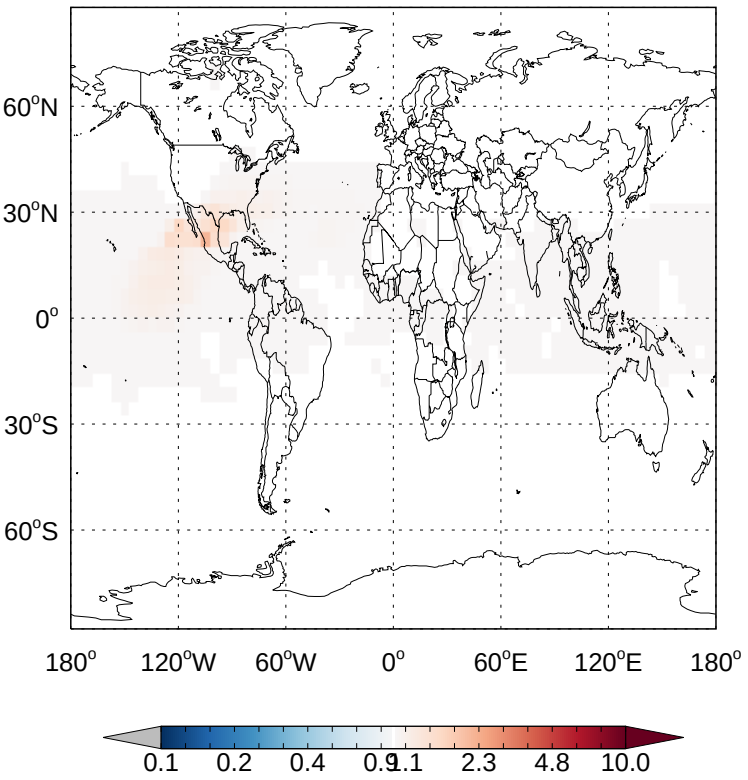
v11-01-public-Run0 / v11-01g-Run0

OCPO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

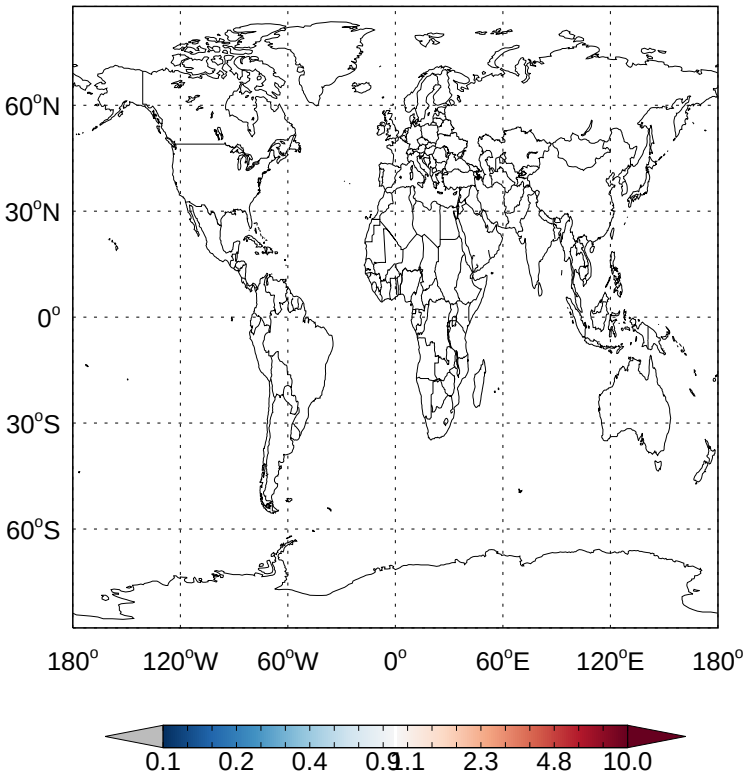
OCPO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

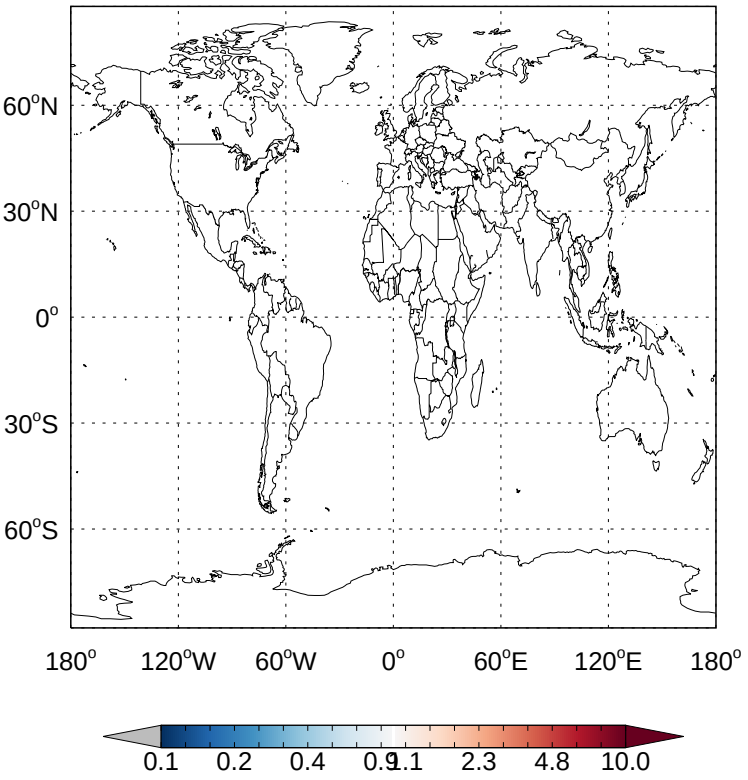
v11-01-public-Run0 / v11-01k-Run0

DST1 / Ratio @ Surface for Oct



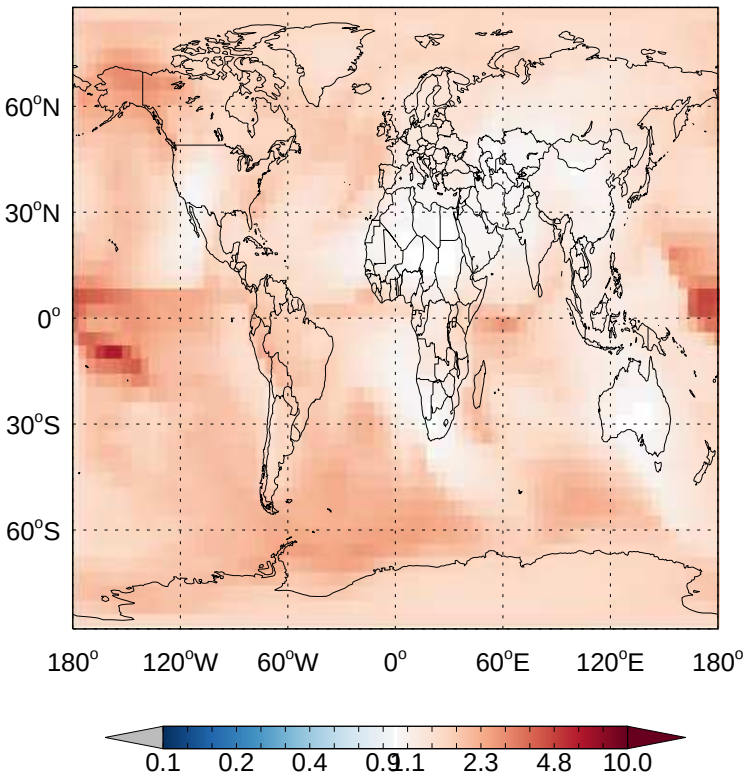
v11-01-public-Run0 / v11-01k-Run0

DST1/ Ratio @ 500 hPa for Oct



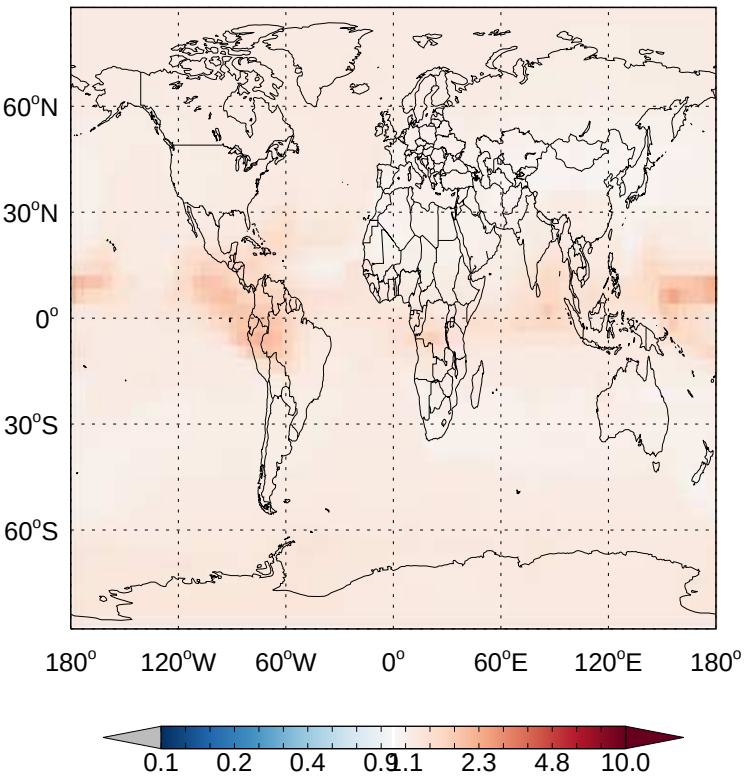
v11-01-public-Run0 / v11-01g-Run0

DST1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

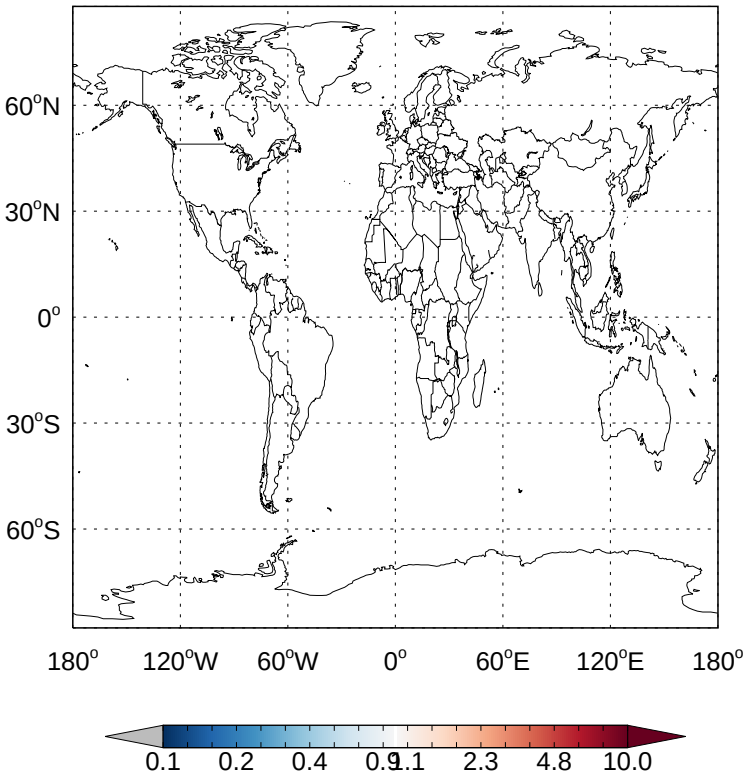
DST1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

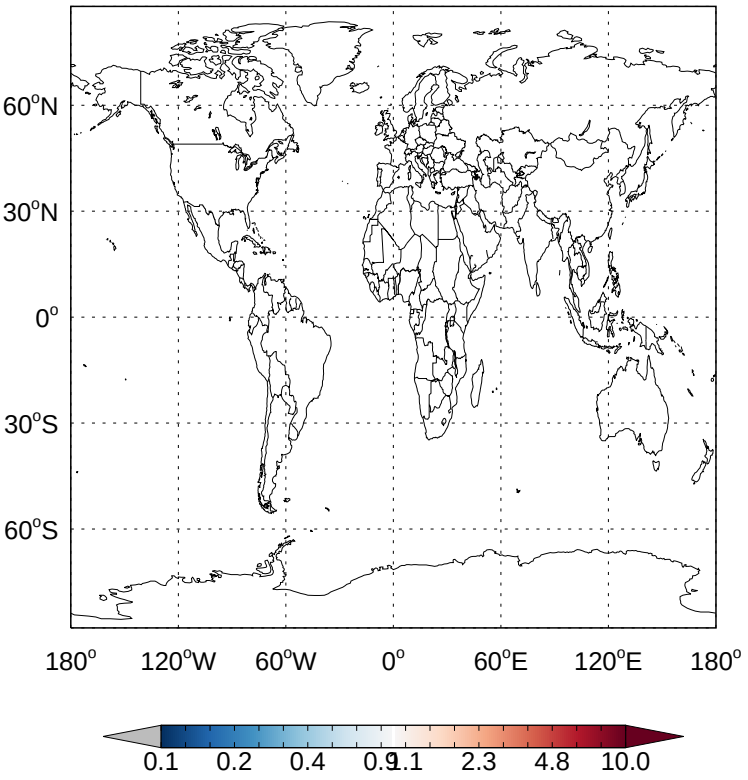
v11-01-public-Run0 / v11-01k-Run0

DST2 / Ratio @ Surface for Oct



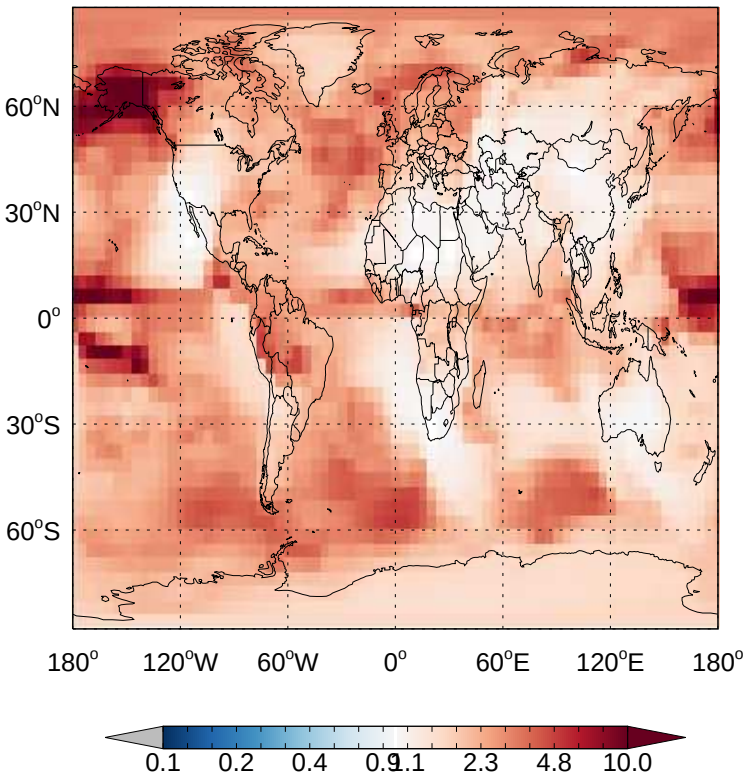
v11-01-public-Run0 / v11-01k-Run0

DST2/ Ratio @ 500 hPa for Oct



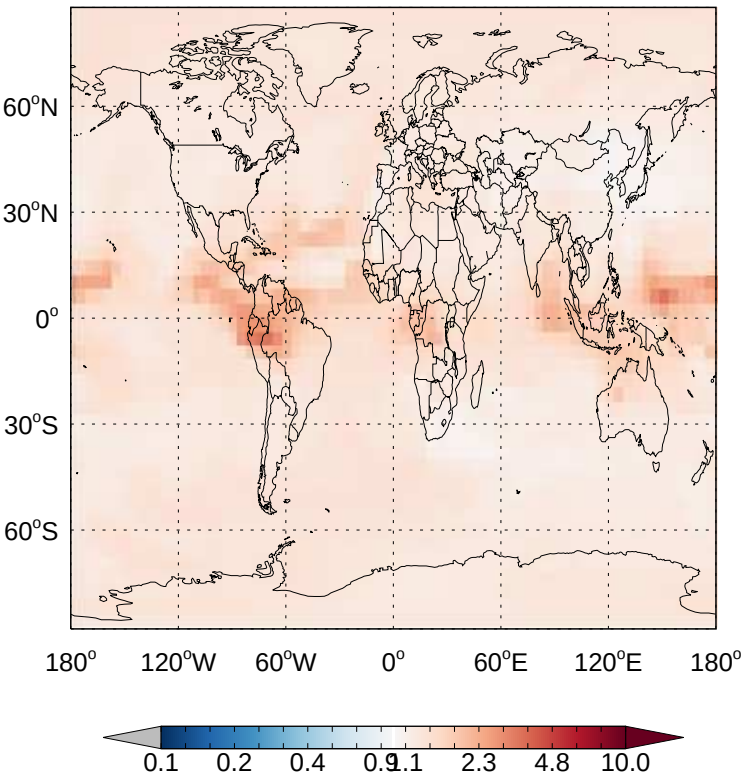
v11-01-public-Run0 / v11-01g-Run0

DST2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

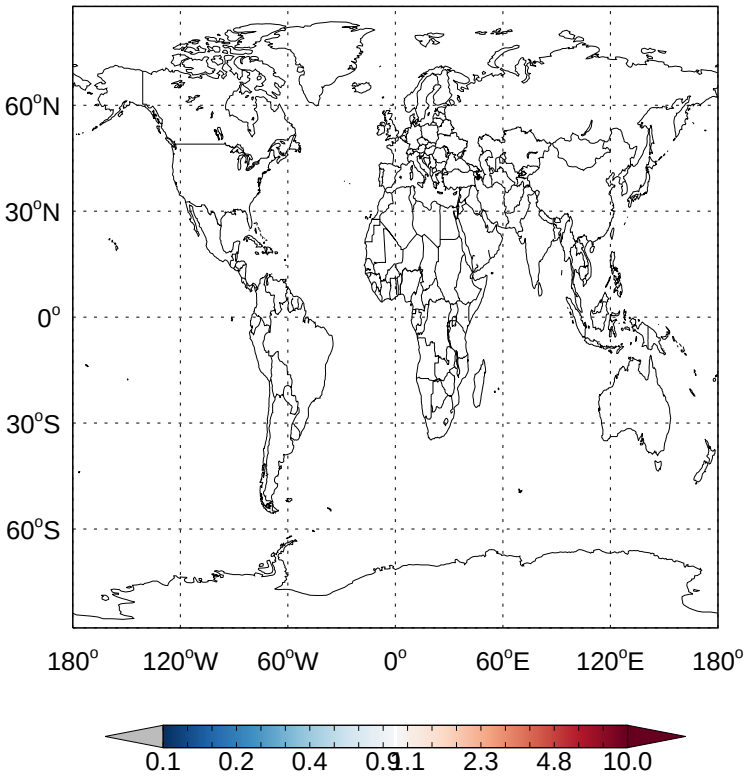
DST2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

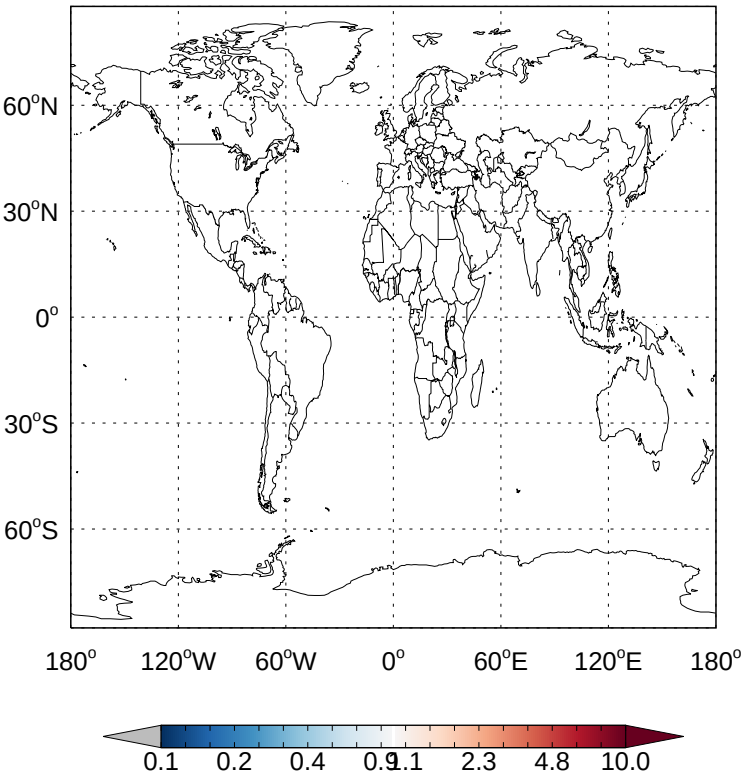
v11-01-public-Run0 / v11-01k-Run0

DST3 / Ratio @ Surface for Oct



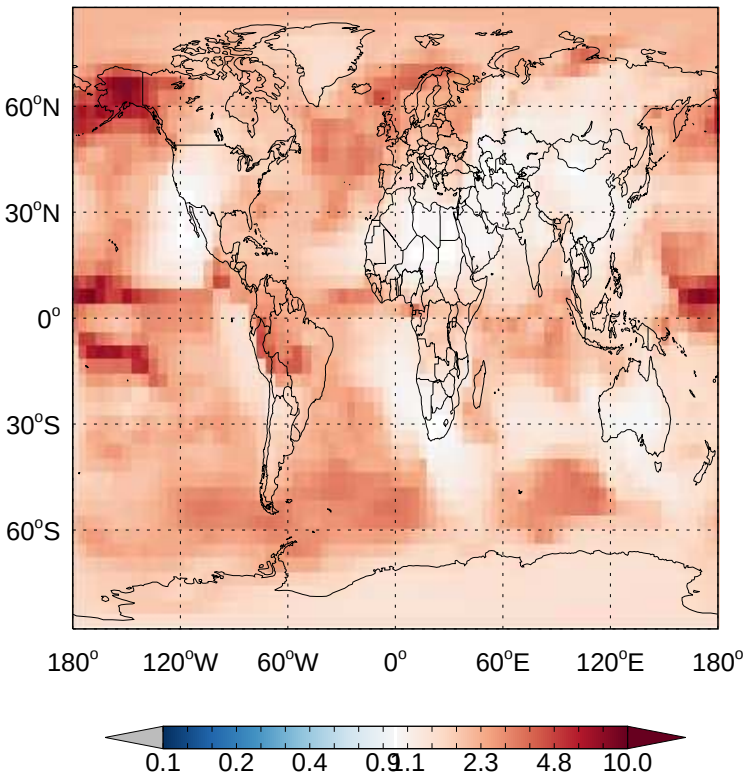
v11-01-public-Run0 / v11-01k-Run0

DST3/ Ratio @ 500 hPa for Oct



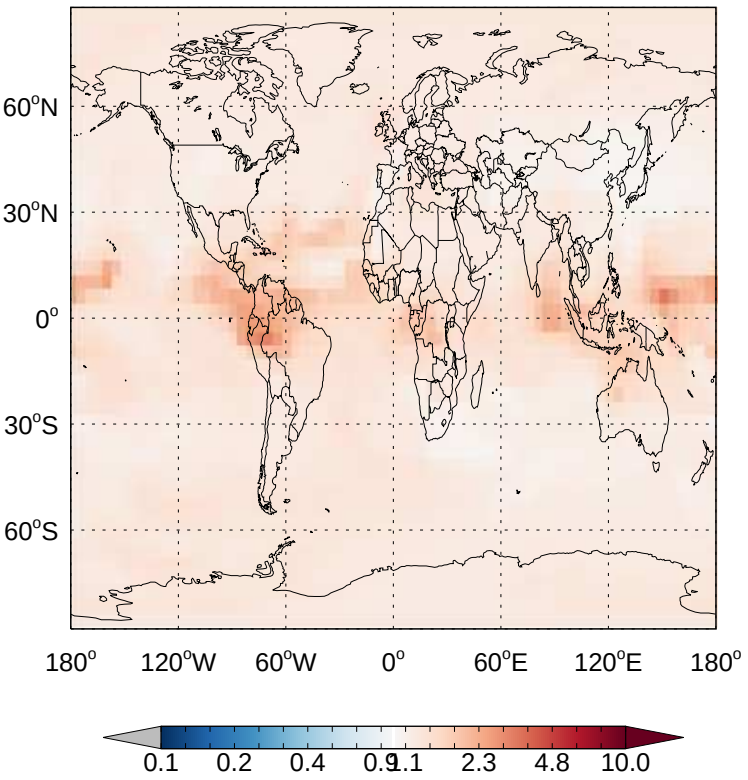
v11-01-public-Run0 / v11-01g-Run0

DST3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

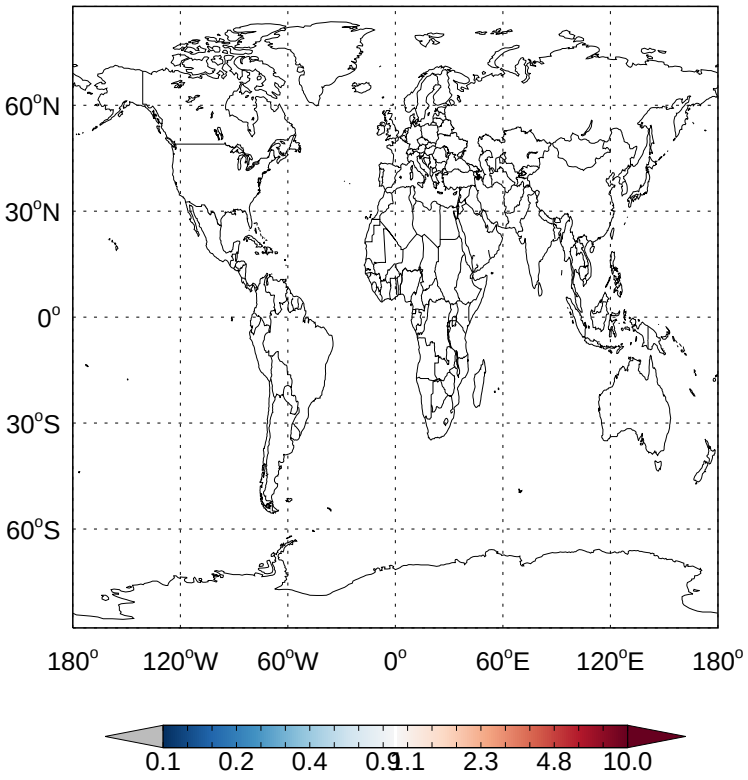
DST3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

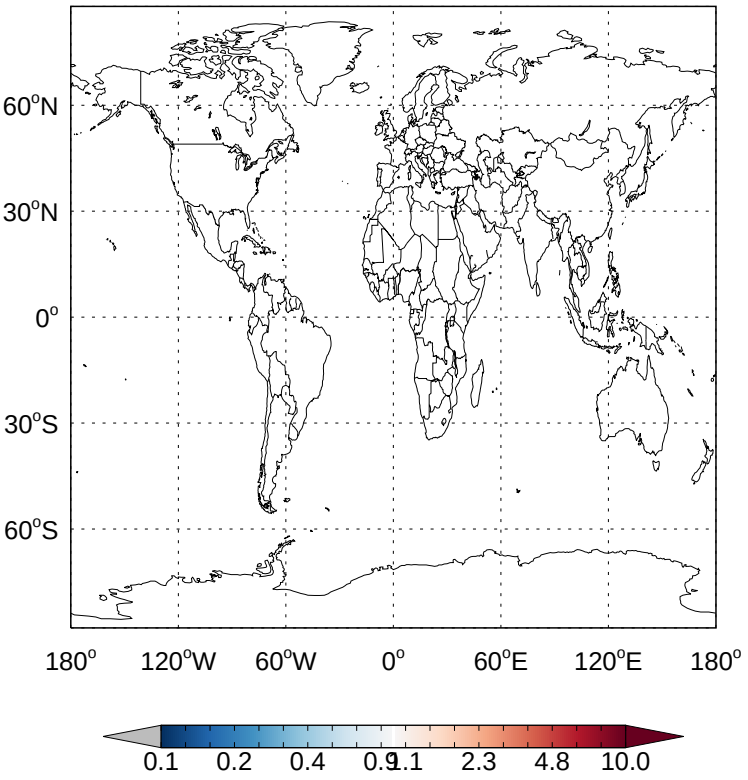
v11-01-public-Run0 / v11-01k-Run0

DST4 / Ratio @ Surface for Oct



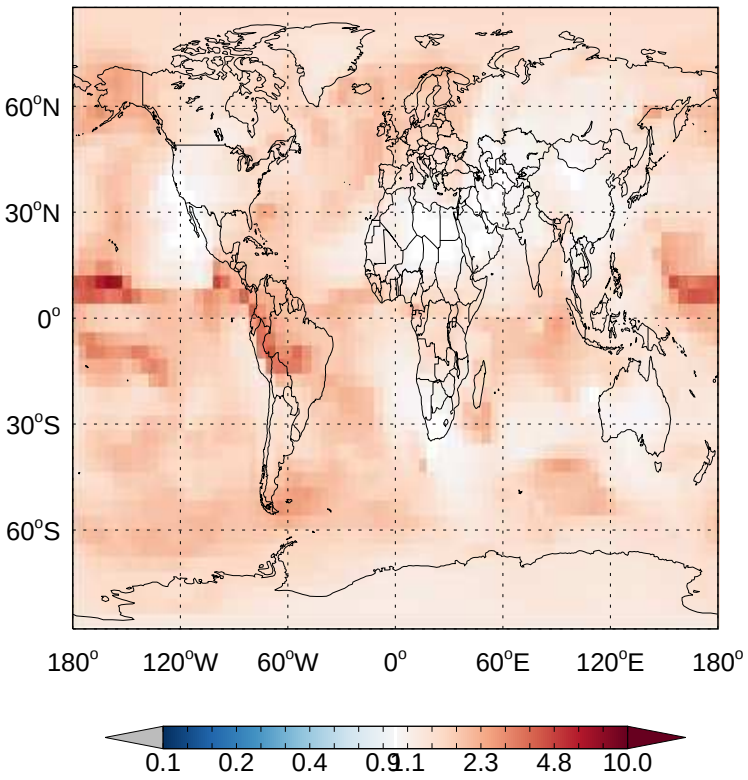
v11-01-public-Run0 / v11-01k-Run0

DST4/ Ratio @ 500 hPa for Oct



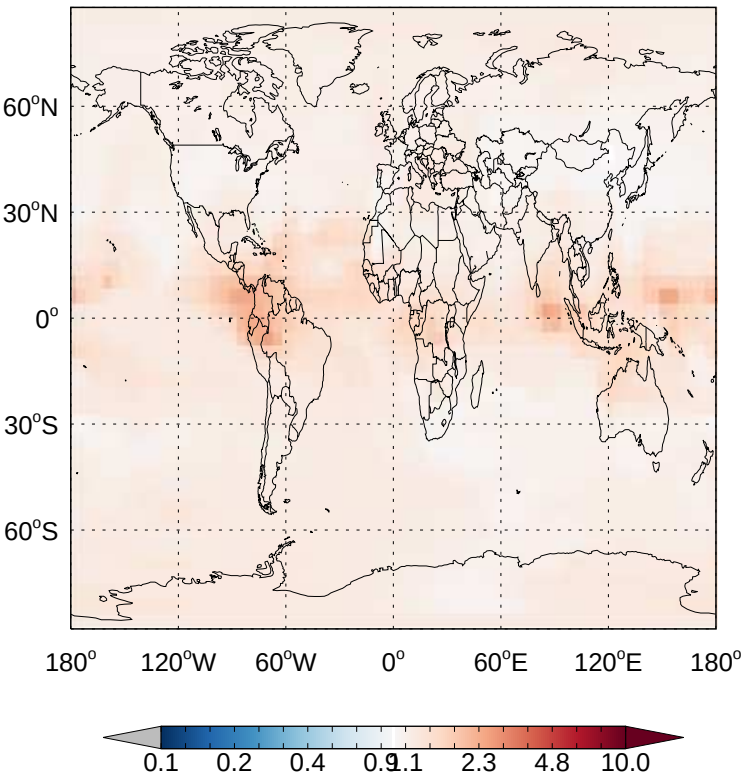
v11-01-public-Run0 / v11-01g-Run0

DST4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

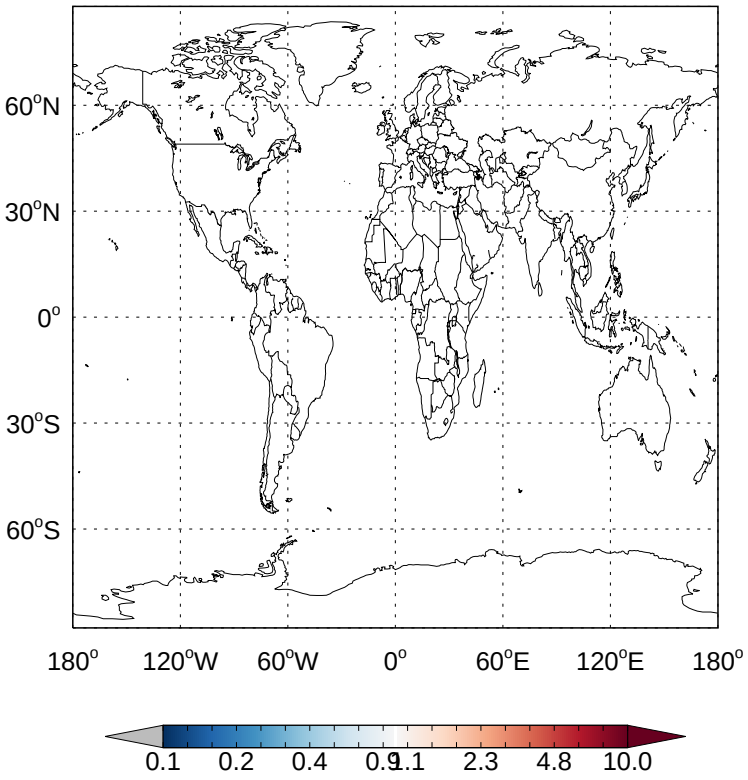
DST4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

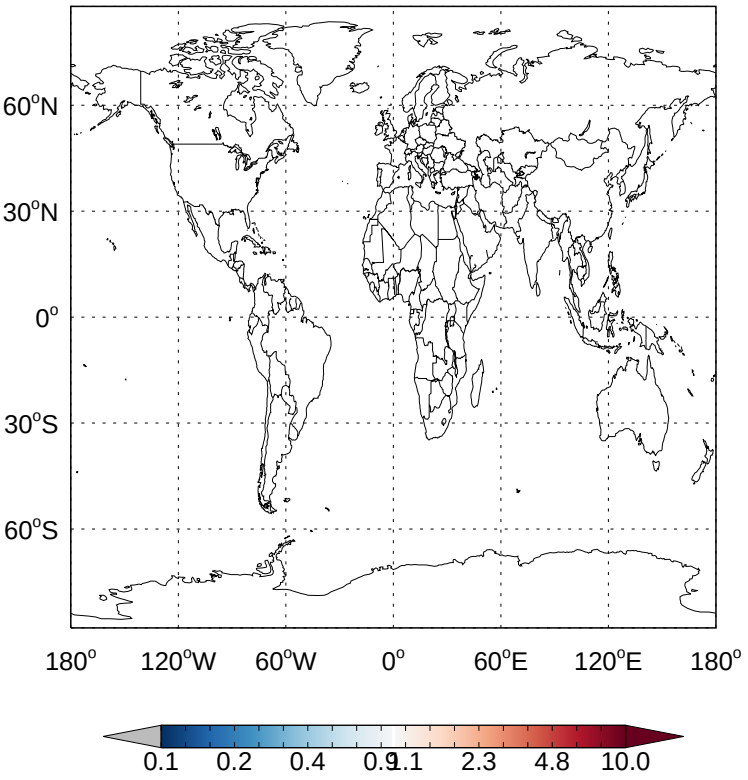
v11-01-public-Run0 / v11-01k-Run0

SALA / Ratio @ Surface for Oct



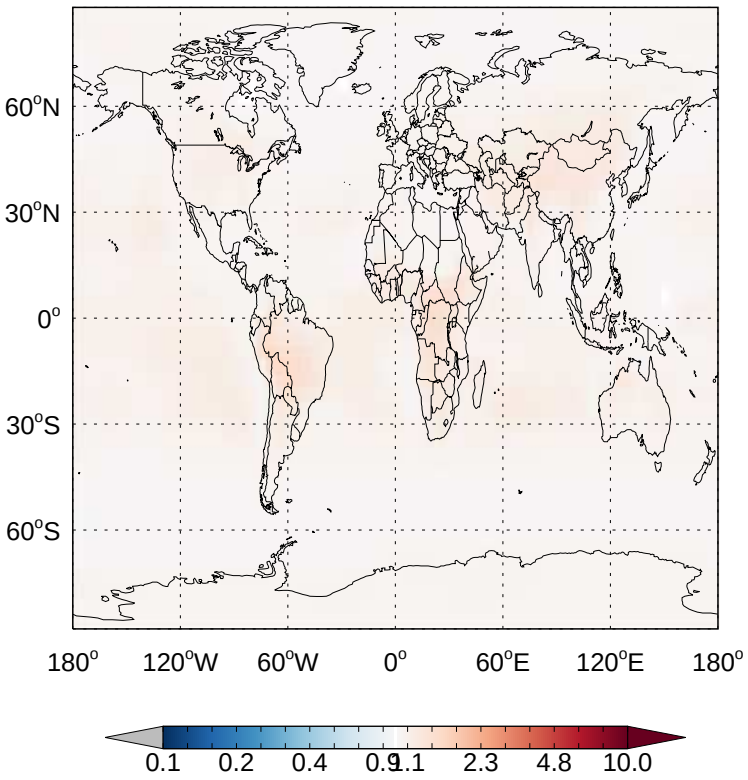
v11-01-public-Run0 / v11-01k-Run0

SALA/ Ratio @ 500 hPa for Oct



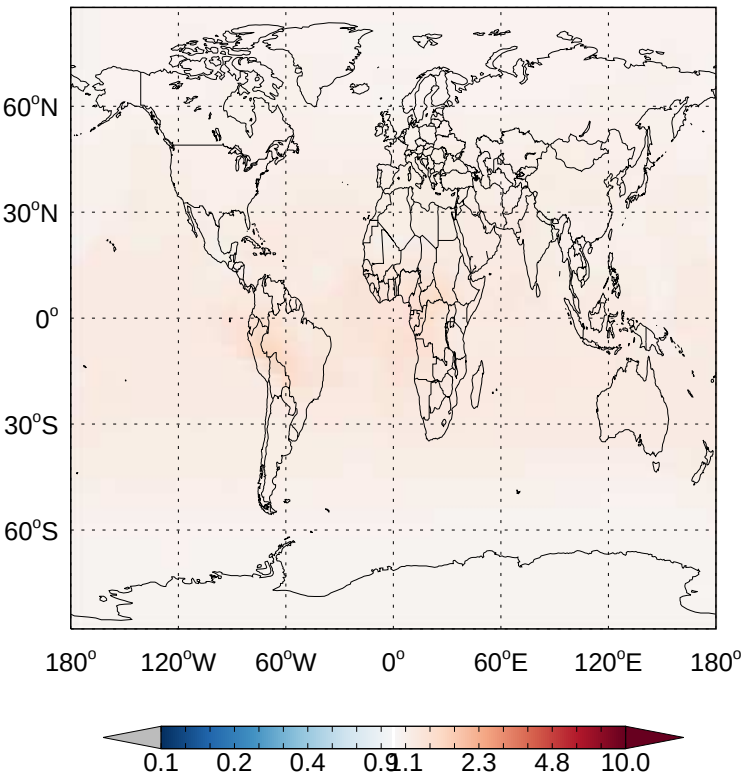
v11-01-public-Run0 / v11-01g-Run0

SALA / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

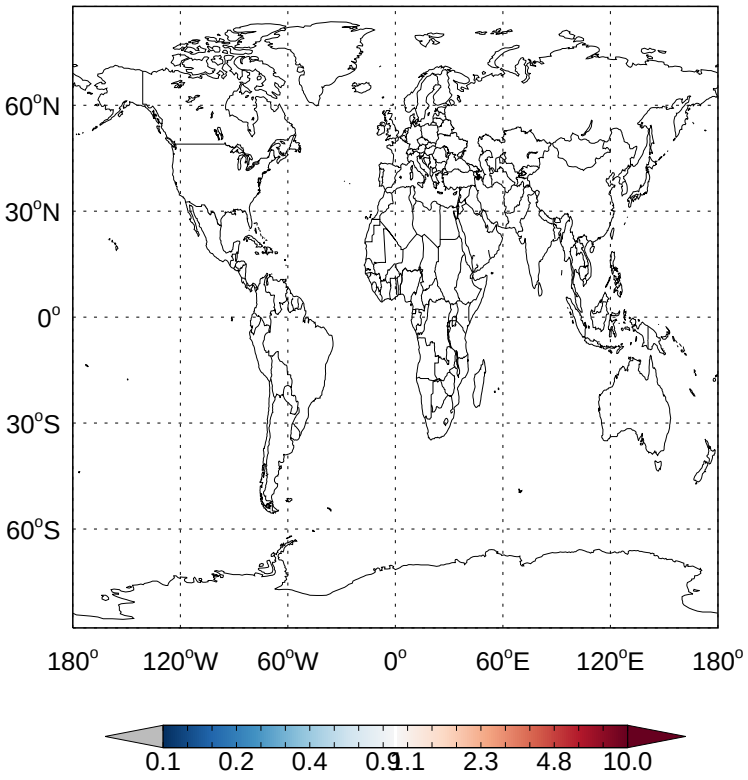
SALA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

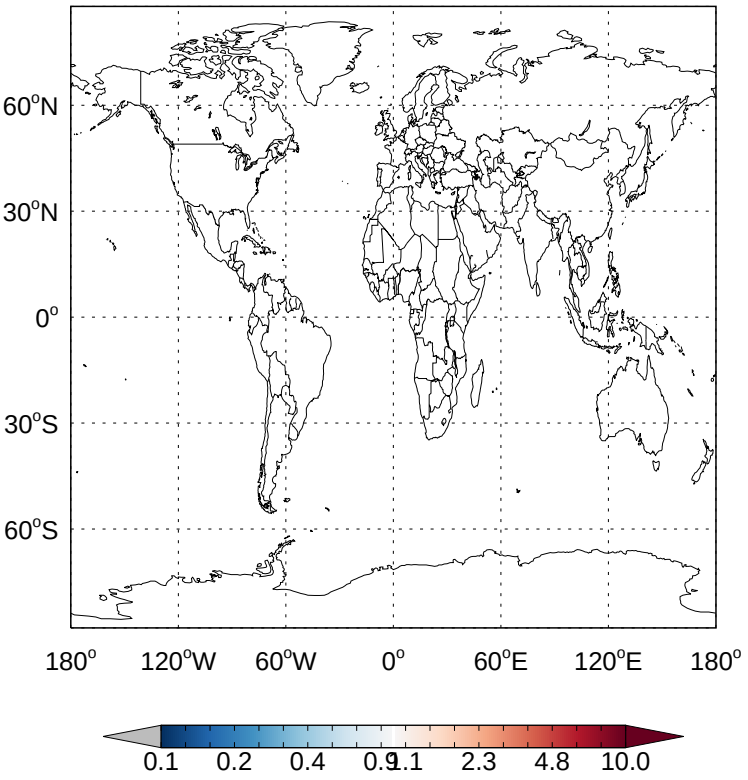
v11-01-public-Run0 / v11-01k-Run0

SALC / Ratio @ Surface for Oct



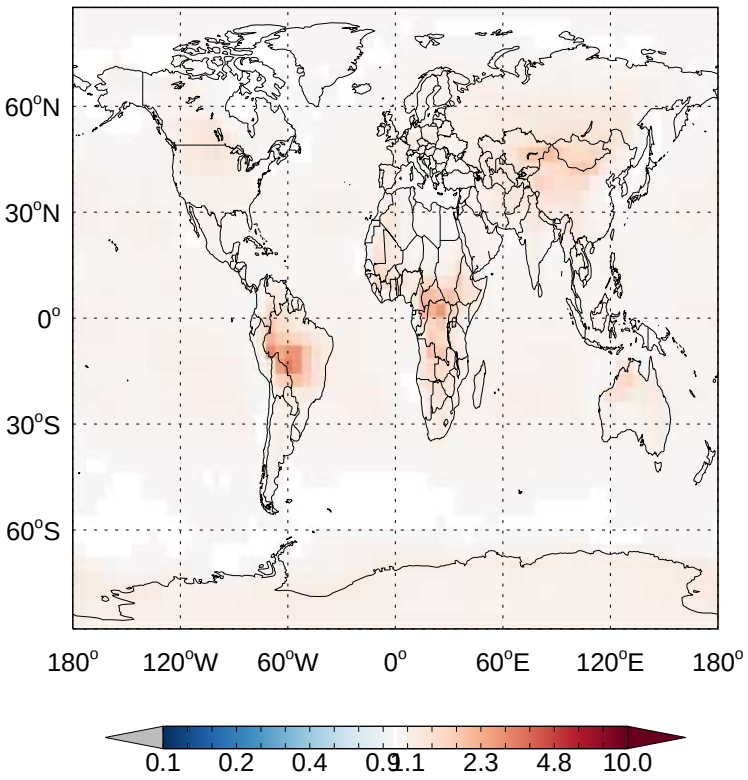
v11-01-public-Run0 / v11-01k-Run0

SALC/ Ratio @ 500 hPa for Oct



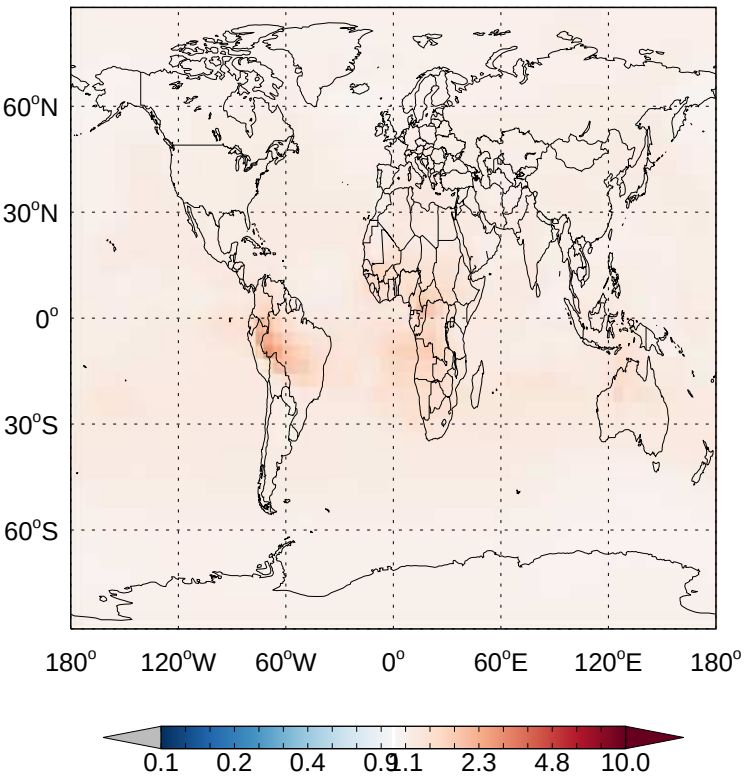
v11-01-public-Run0 / v11-01g-Run0

SALC / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

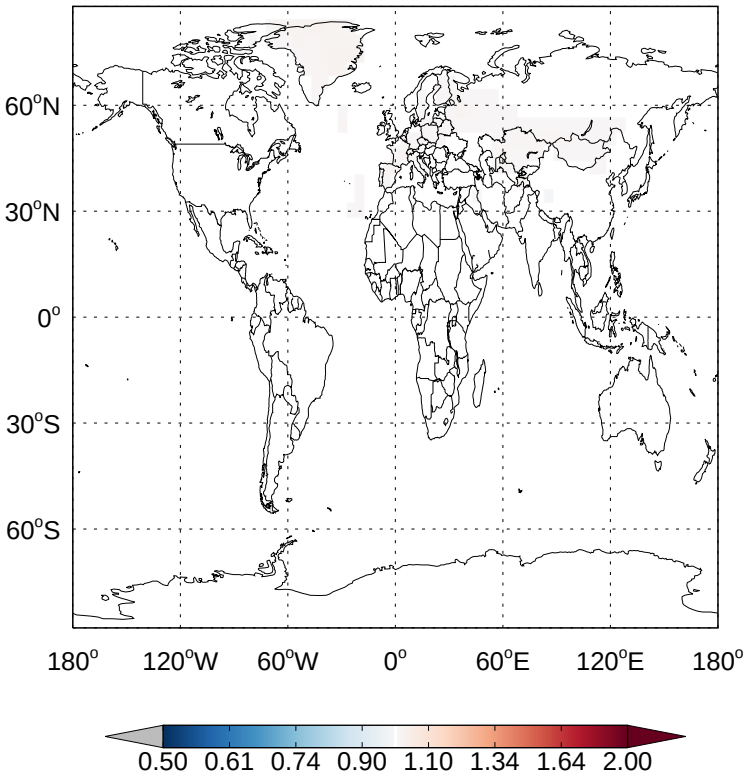
SALC/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

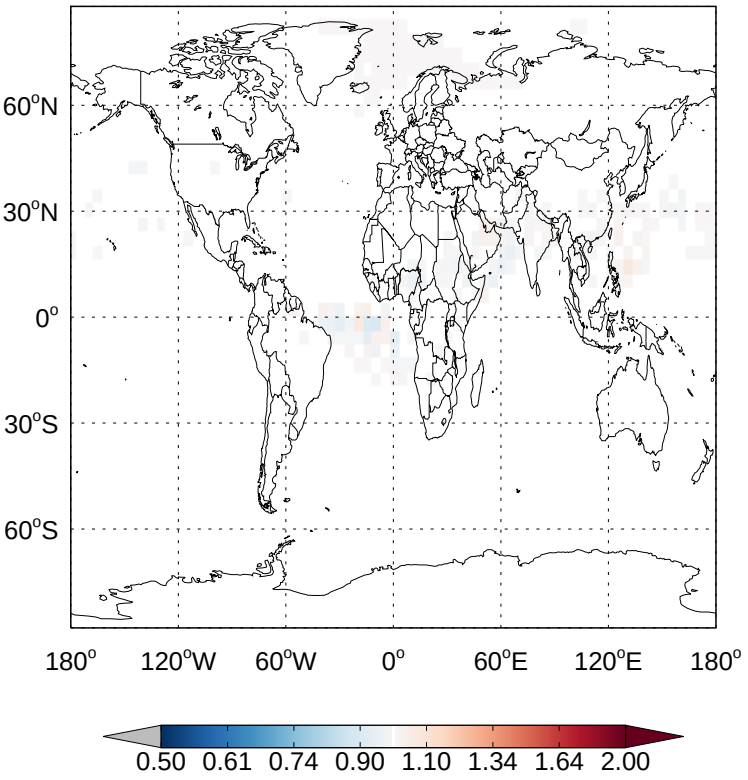
v11-01-public-Run0 / v11-01k-Run0

Br2 / Ratio @ Surface for Oct



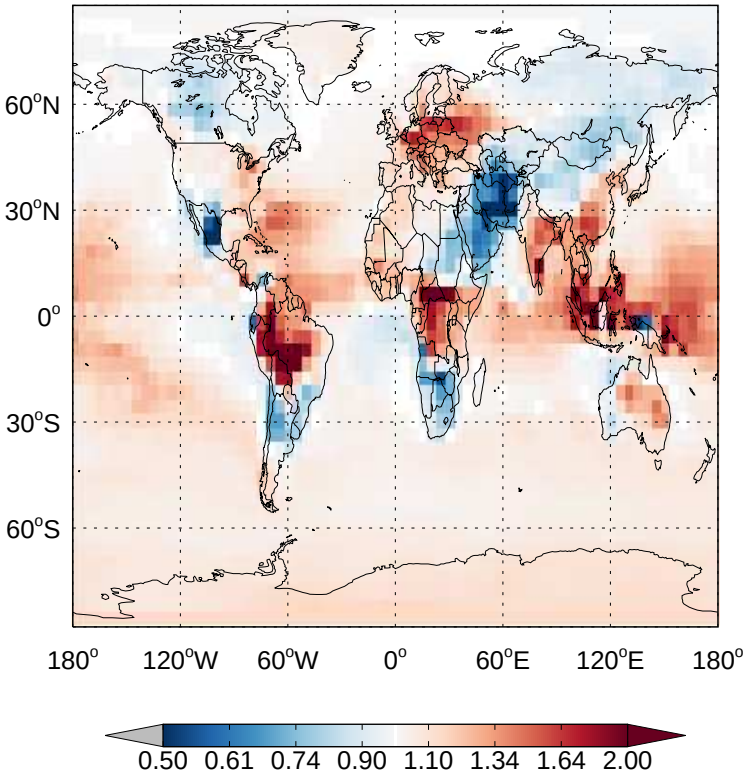
v11-01-public-Run0 / v11-01k-Run0

Br2/ Ratio @ 500 hPa for Oct



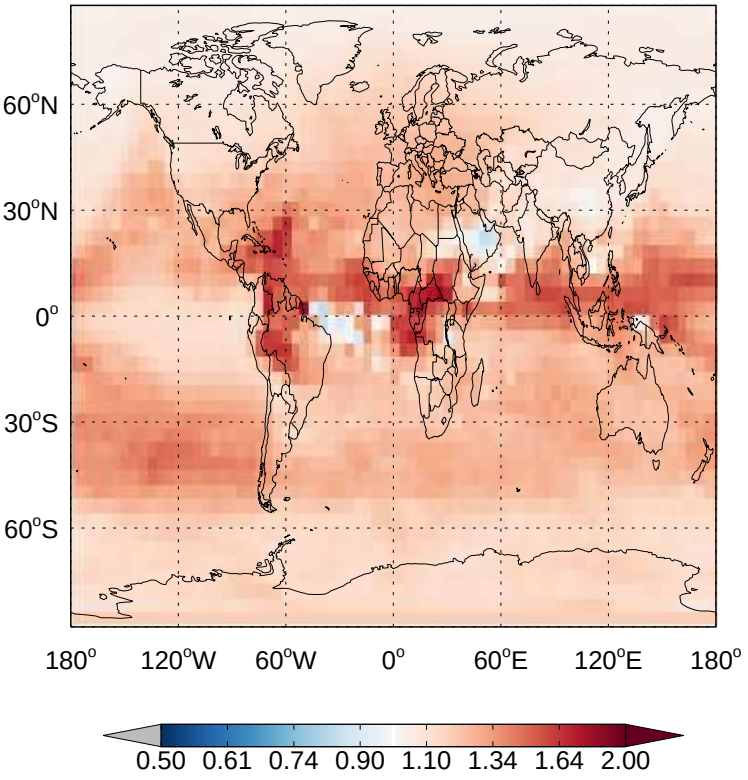
v11-01-public-Run0 / v11-01g-Run0

Br2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

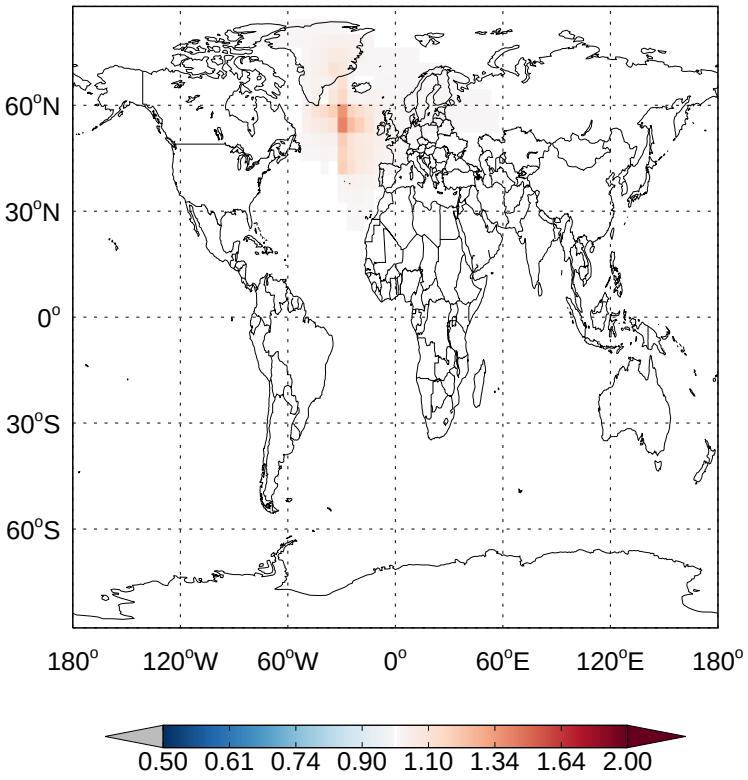
Br2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

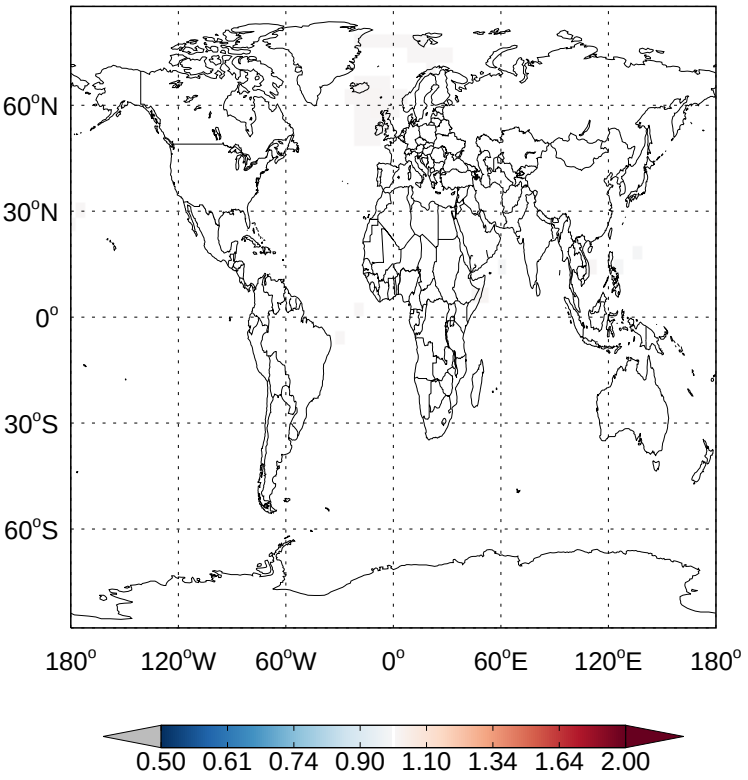
v11-01-public-Run0 / v11-01k-Run0

Br / Ratio @ Surface for Oct



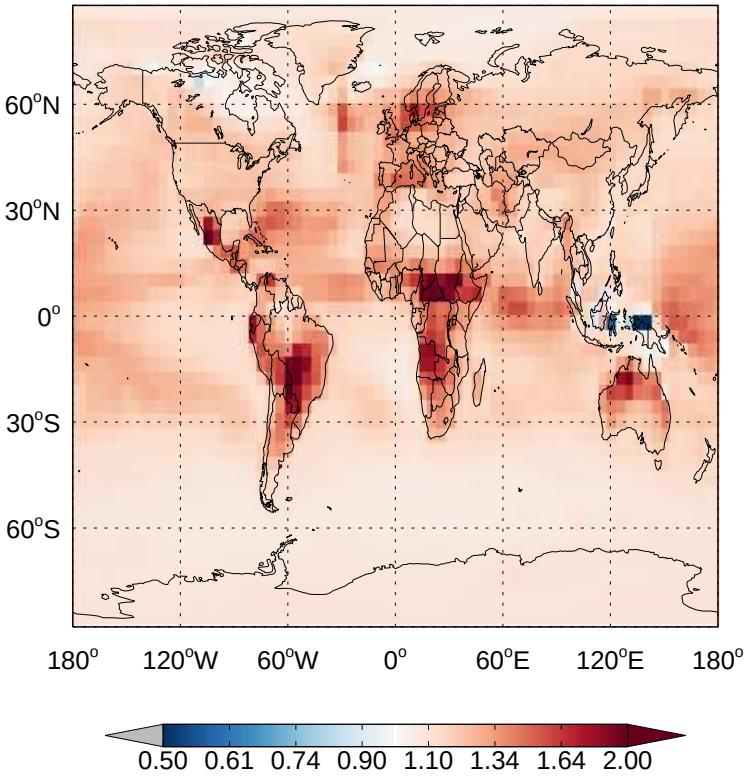
v11-01-public-Run0 / v11-01k-Run0

Br/ Ratio @ 500 hPa for Oct



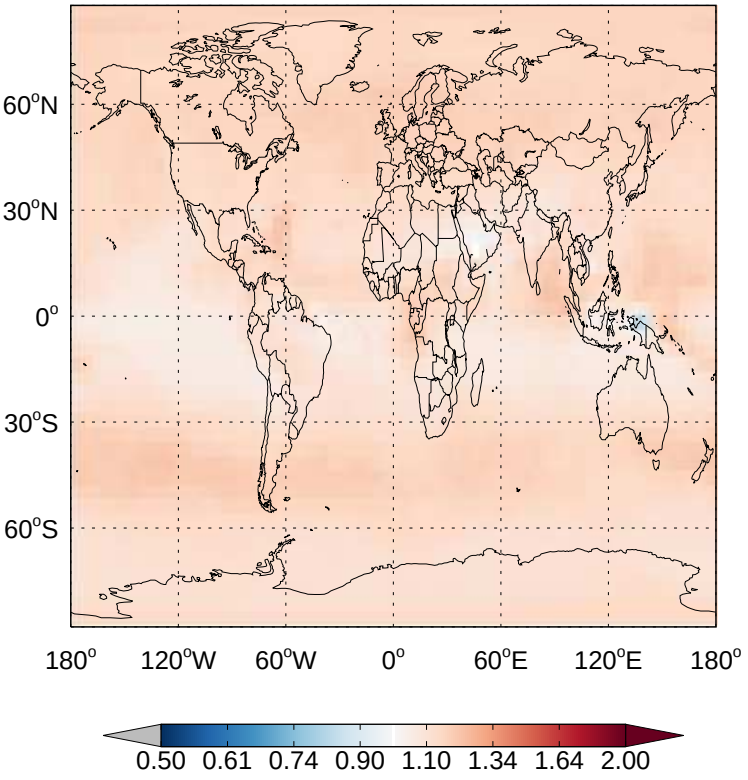
v11-01-public-Run0 / v11-01g-Run0

Br / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

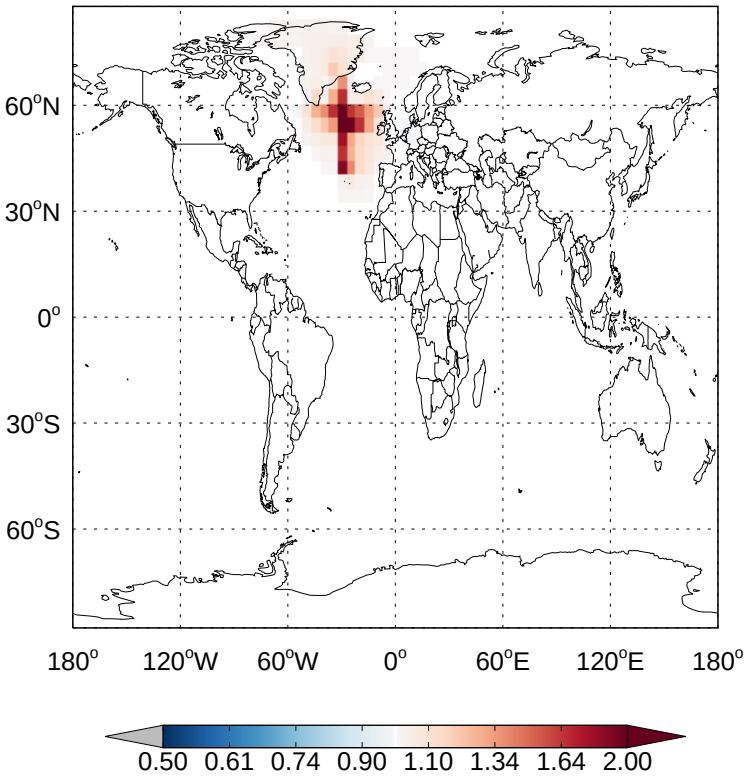
Br/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

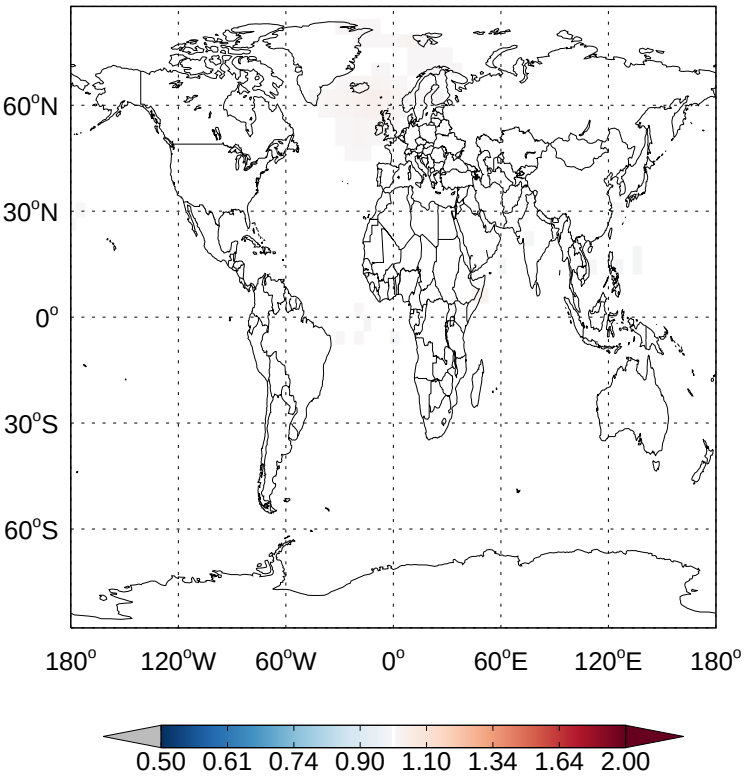
v11-01-public-Run0 / v11-01k-Run0

BrO / Ratio @ Surface for Oct



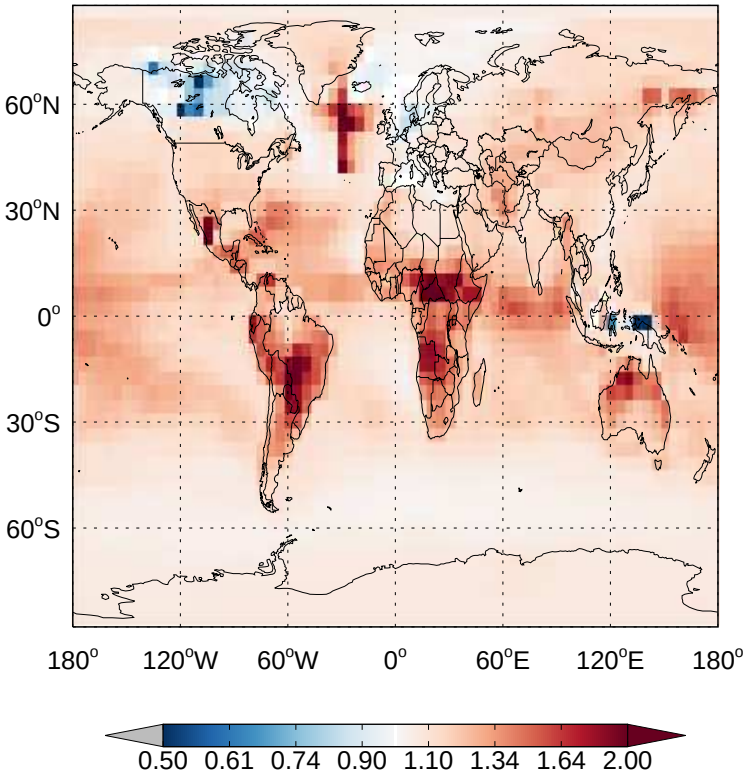
v11-01-public-Run0 / v11-01k-Run0

BrO/ Ratio @ 500 hPa for Oct



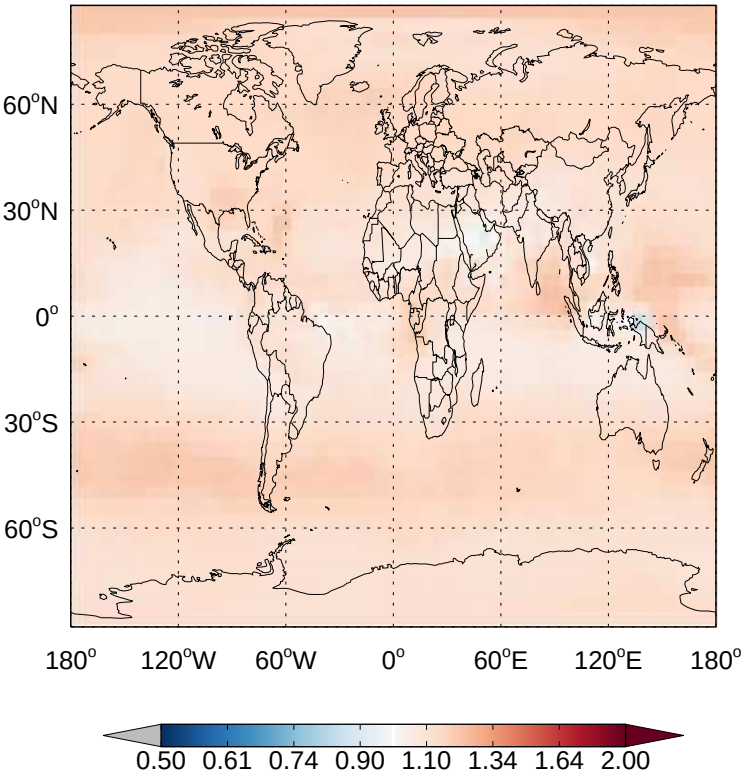
v11-01-public-Run0 / v11-01g-Run0

BrO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

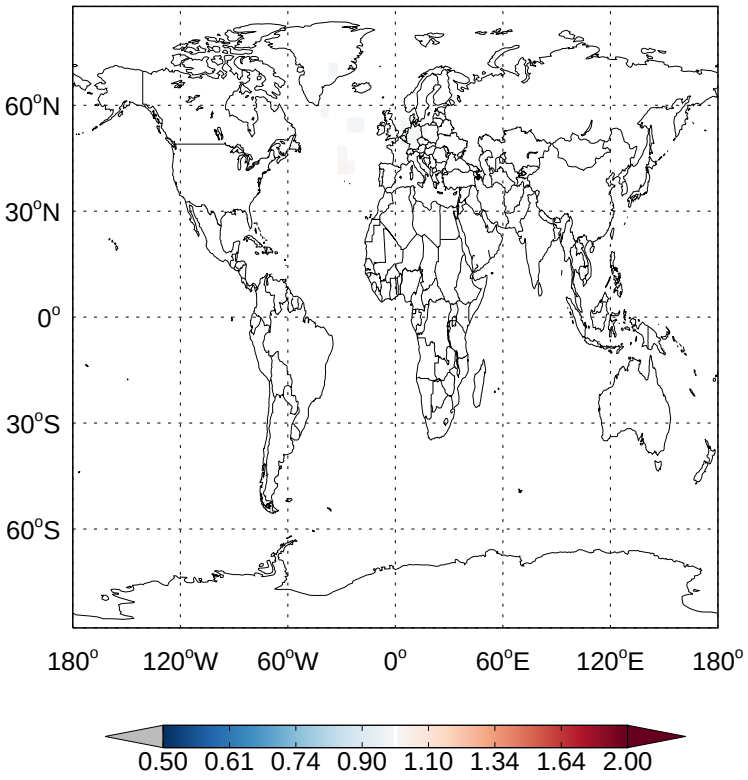
BrO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

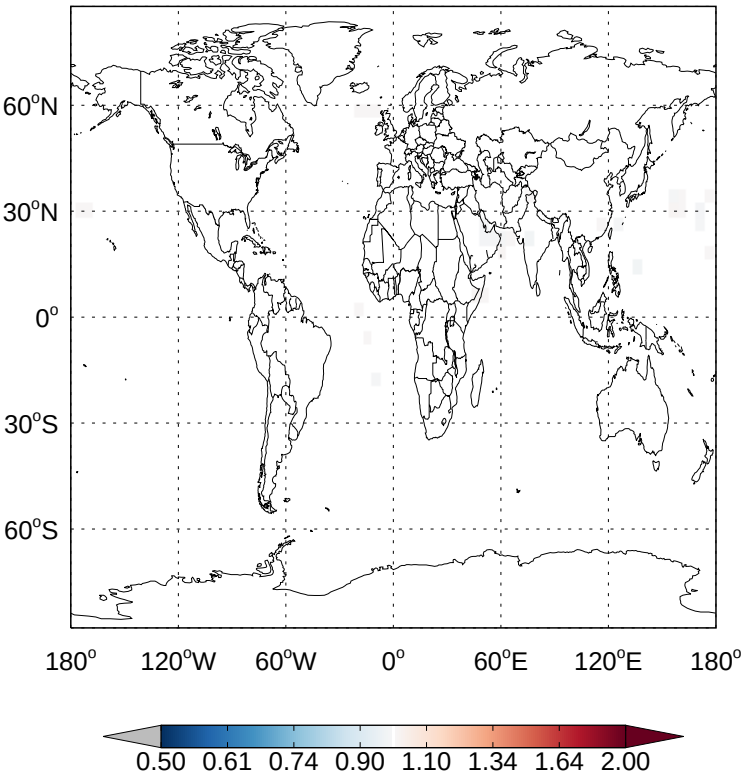
v11-01-public-Run0 / v11-01k-Run0

HOBr / Ratio @ Surface for Oct



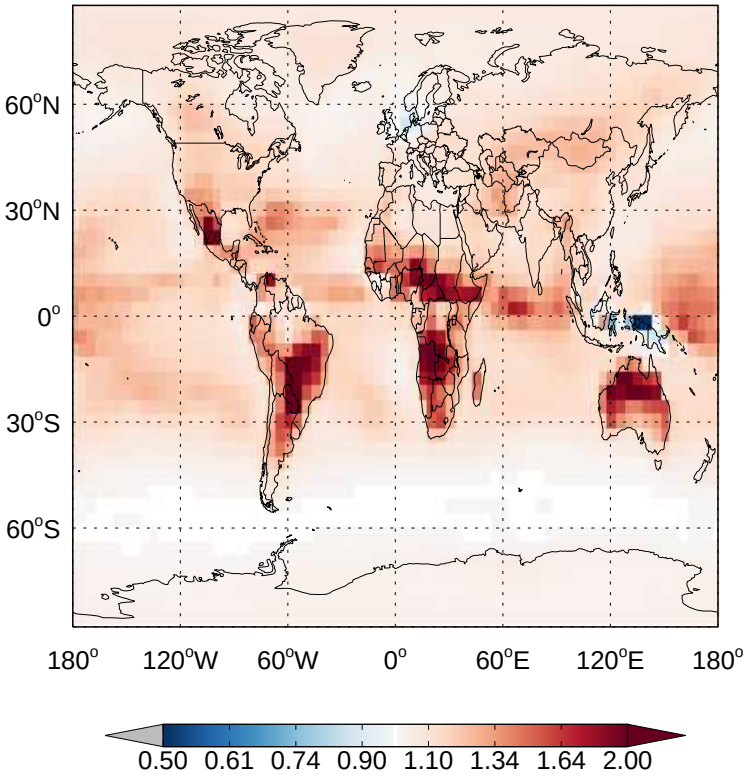
v11-01-public-Run0 / v11-01k-Run0

HOBr/ Ratio @ 500 hPa for Oct



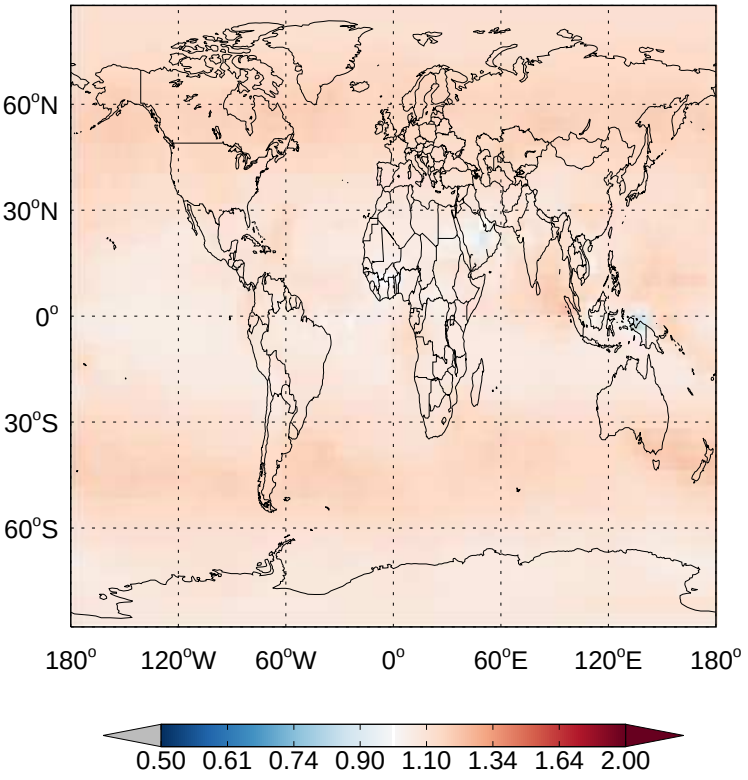
v11-01-public-Run0 / v11-01g-Run0

HOBr / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

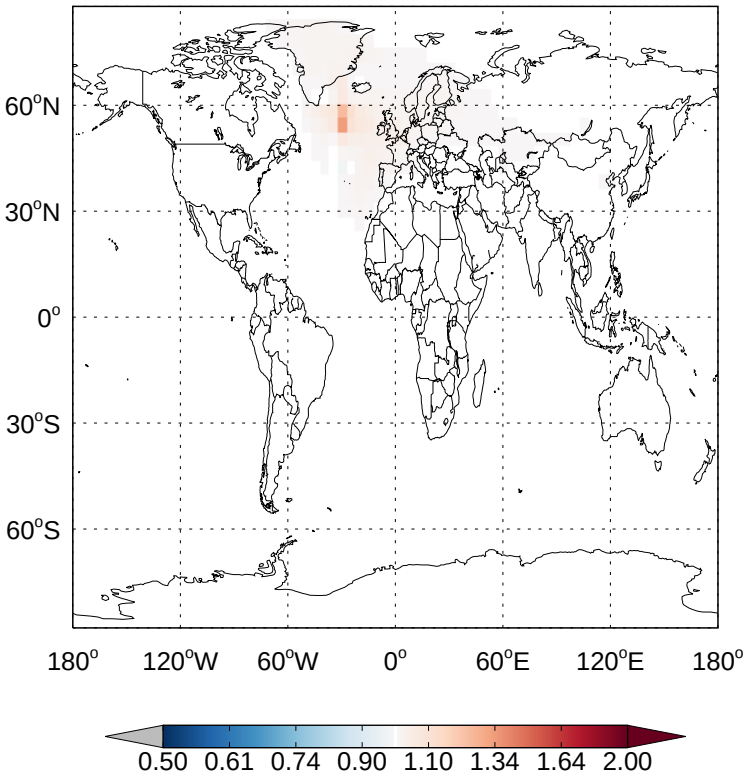
HOBr/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

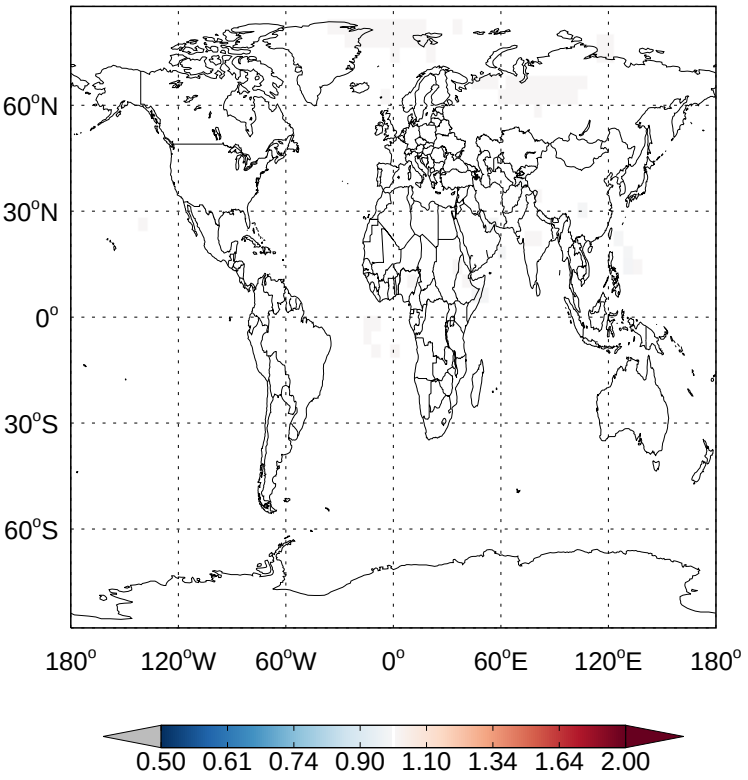
v11-01-public-Run0 / v11-01k-Run0

HBr / Ratio @ Surface for Oct



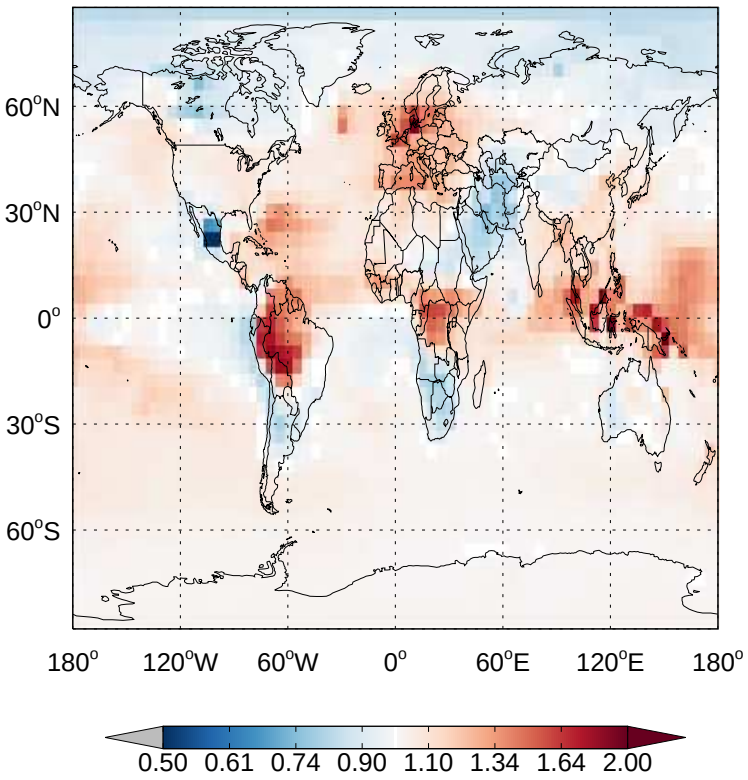
v11-01-public-Run0 / v11-01k-Run0

HBr/ Ratio @ 500 hPa for Oct



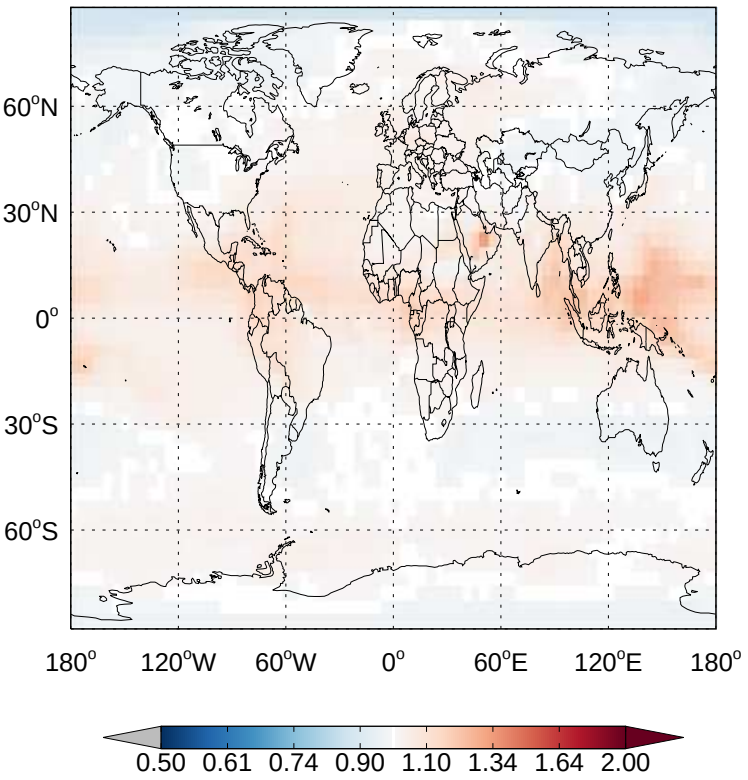
v11-01-public-Run0 / v11-01g-Run0

HBr / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

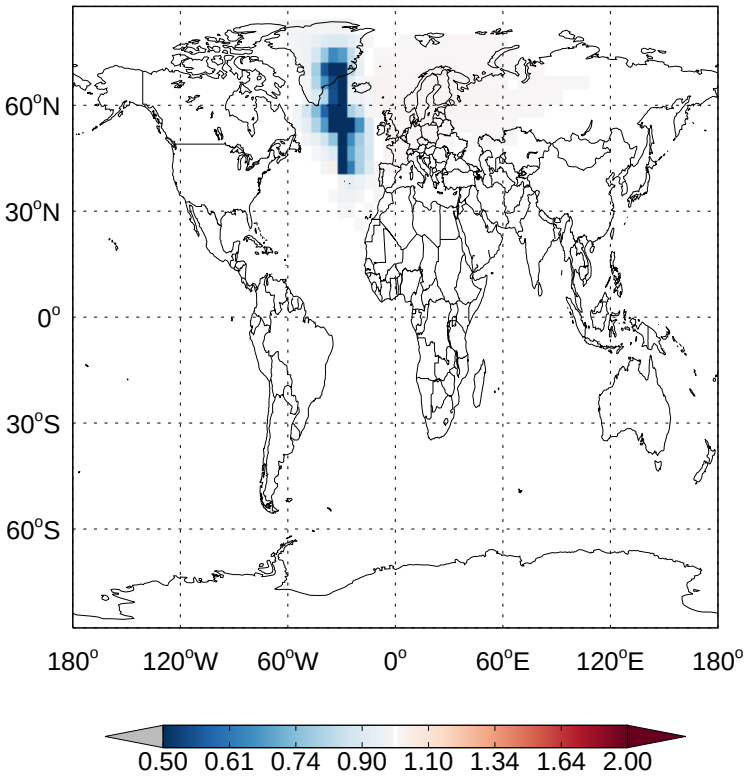
HBr/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

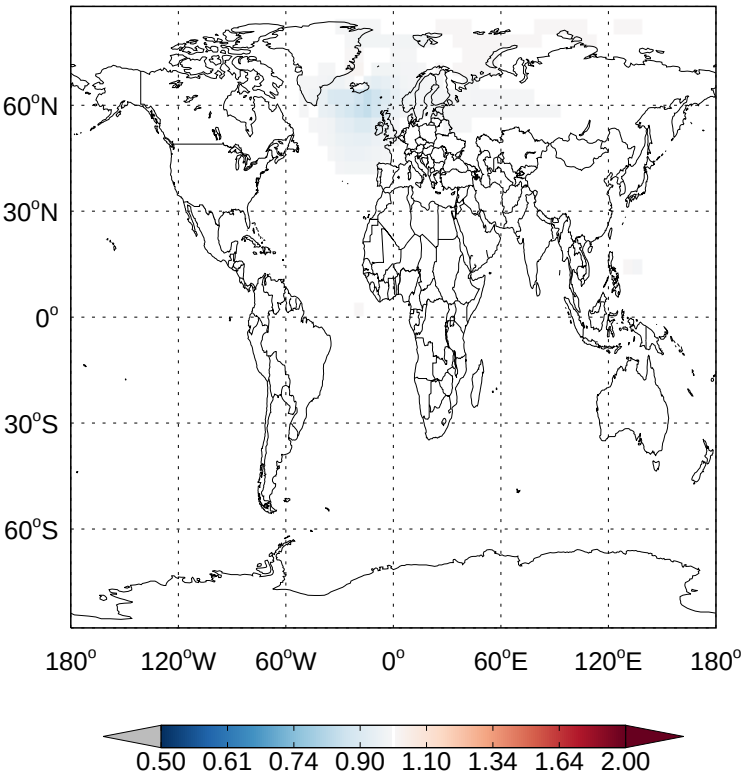
v11-01-public-Run0 / v11-01k-Run0

BrNO2 / Ratio @ Surface for Oct



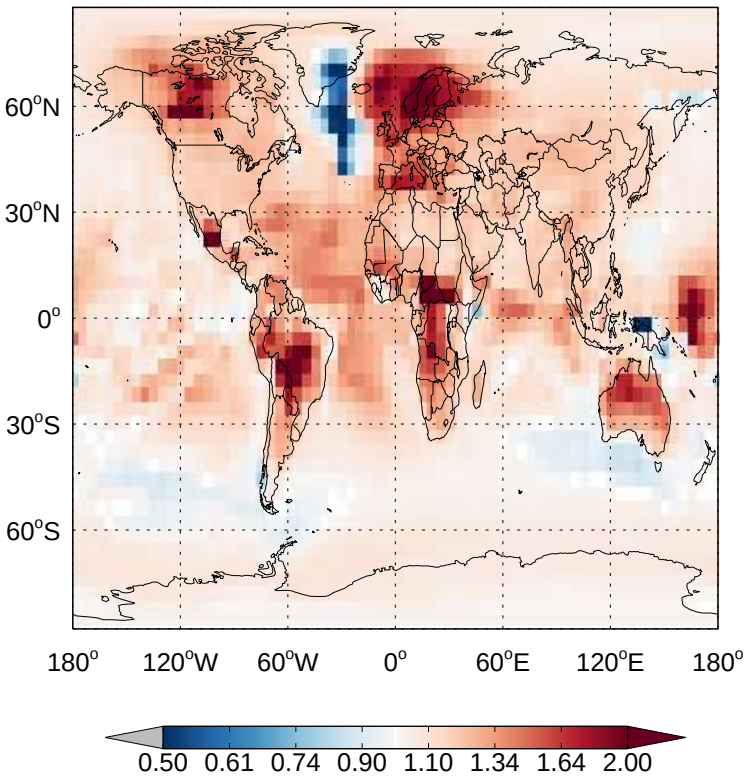
v11-01-public-Run0 / v11-01k-Run0

BrNO2/ Ratio @ 500 hPa for Oct



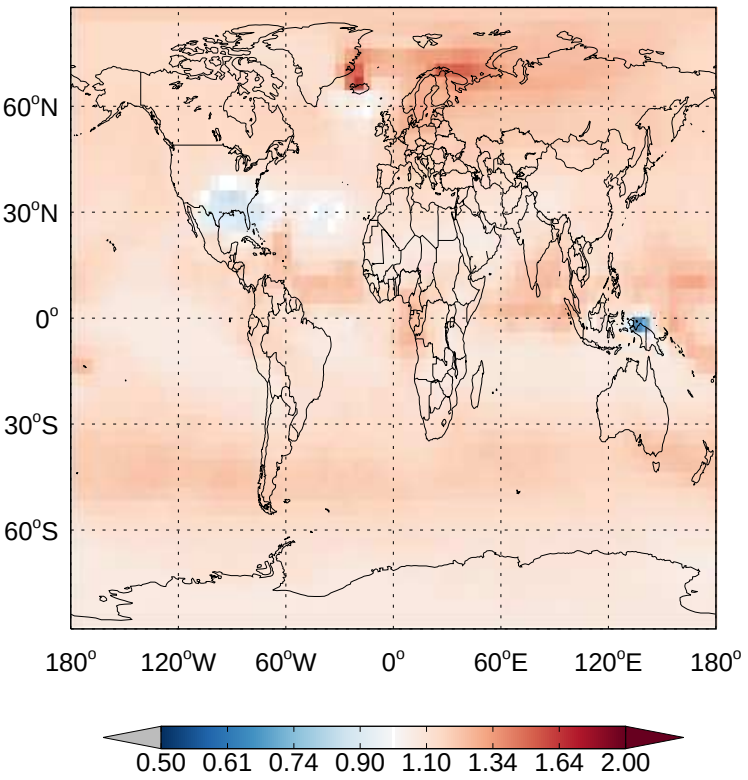
v11-01-public-Run0 / v11-01g-Run0

BrNO2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

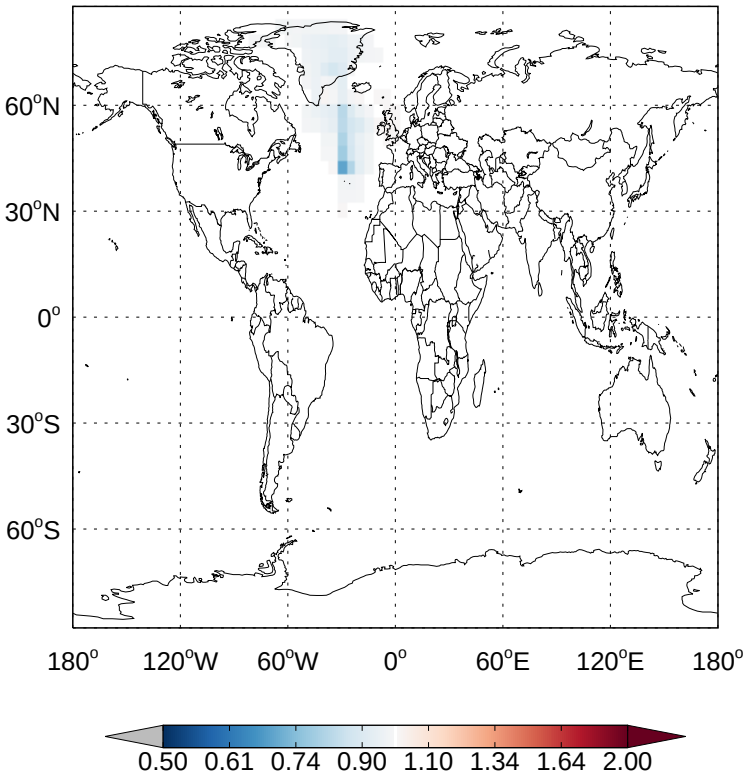
BrNO2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

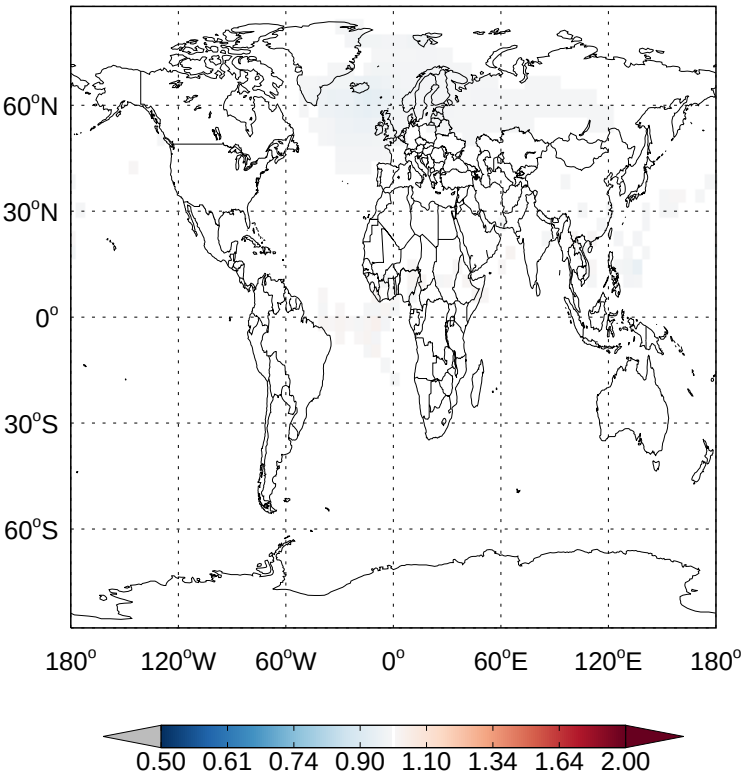
v11-01-public-Run0 / v11-01k-Run0

BrNO3 / Ratio @ Surface for Oct



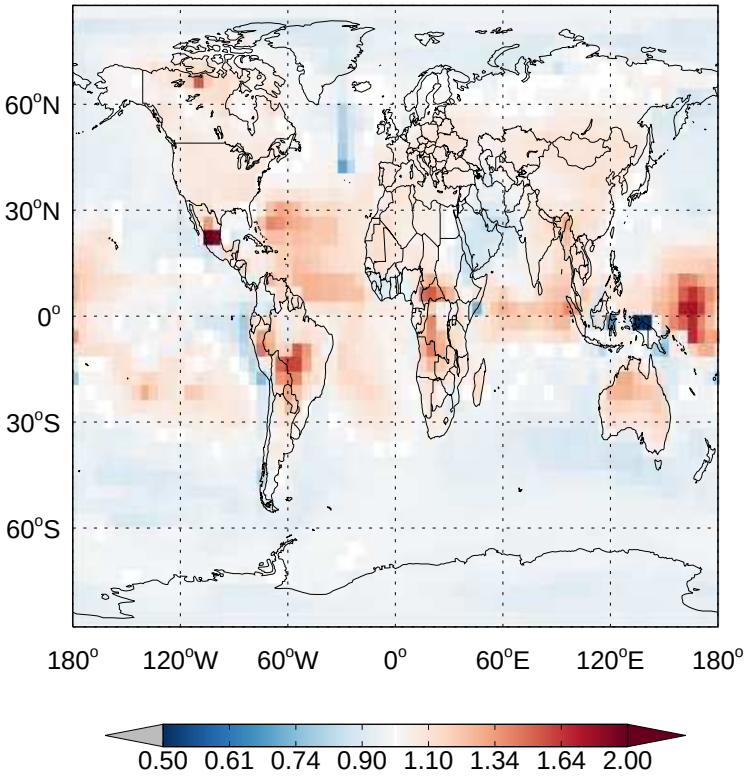
v11-01-public-Run0 / v11-01k-Run0

BrNO3/ Ratio @ 500 hPa for Oct



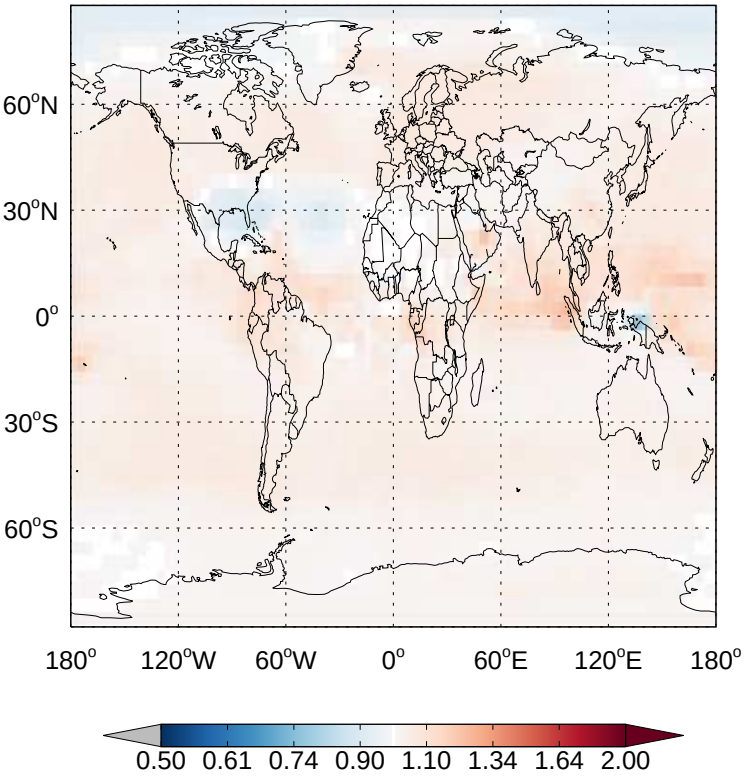
v11-01-public-Run0 / v11-01g-Run0

BrNO3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

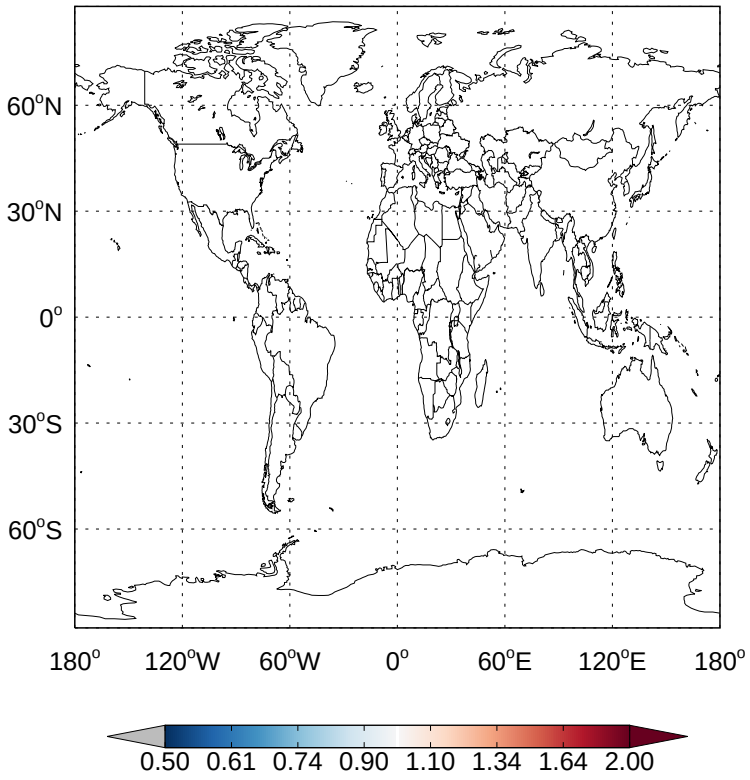
BrNO3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

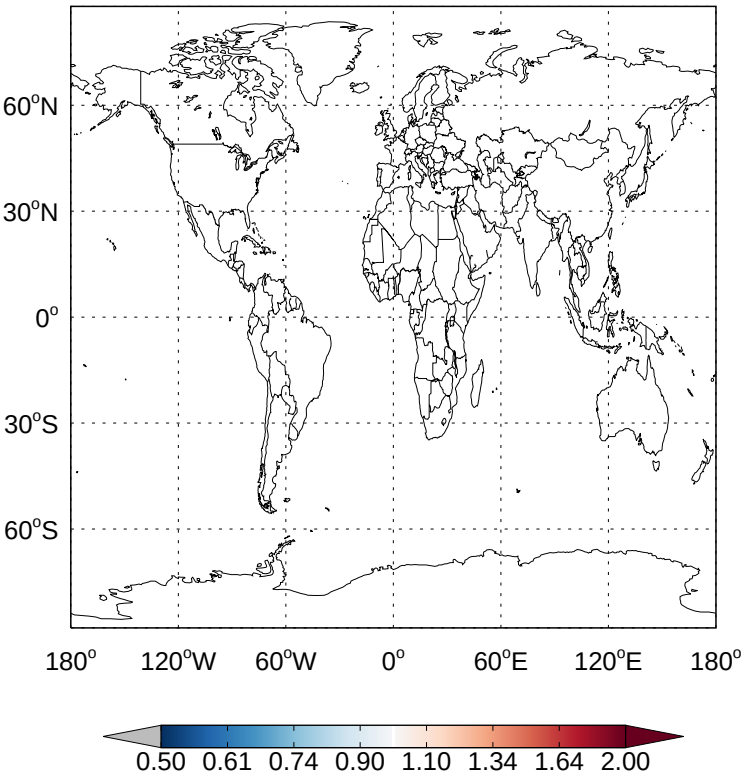
v11-01-public-Run0 / v11-01k-Run0

CHBr3 / Ratio @ Surface for Oct



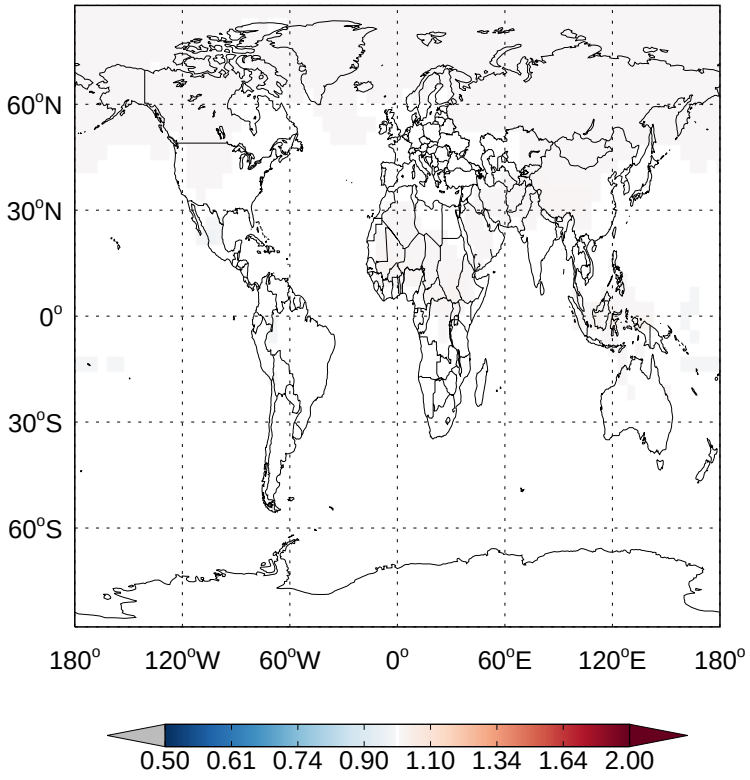
v11-01-public-Run0 / v11-01k-Run0

CHBr3/ Ratio @ 500 hPa for Oct



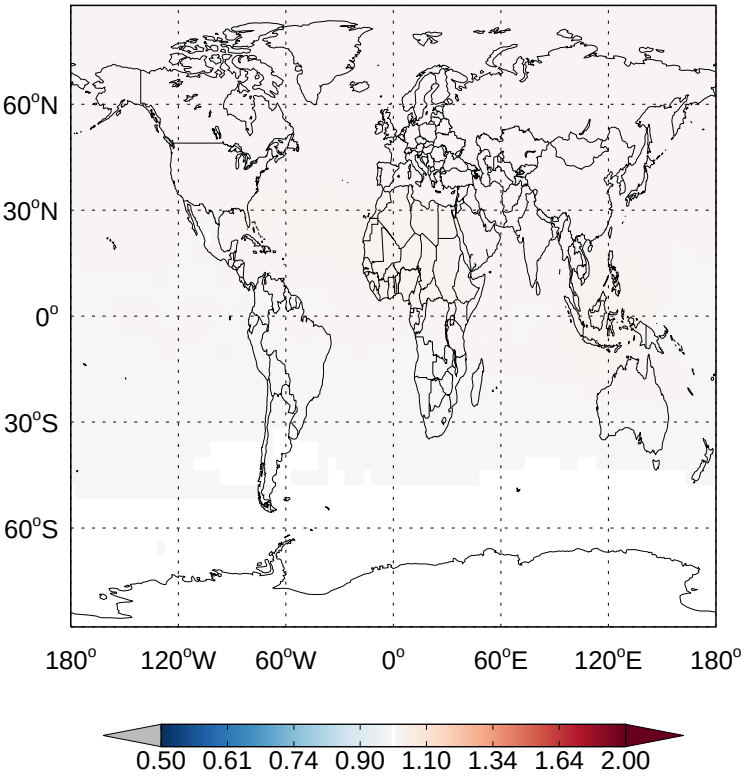
v11-01-public-Run0 / v11-01g-Run0

CHBr3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

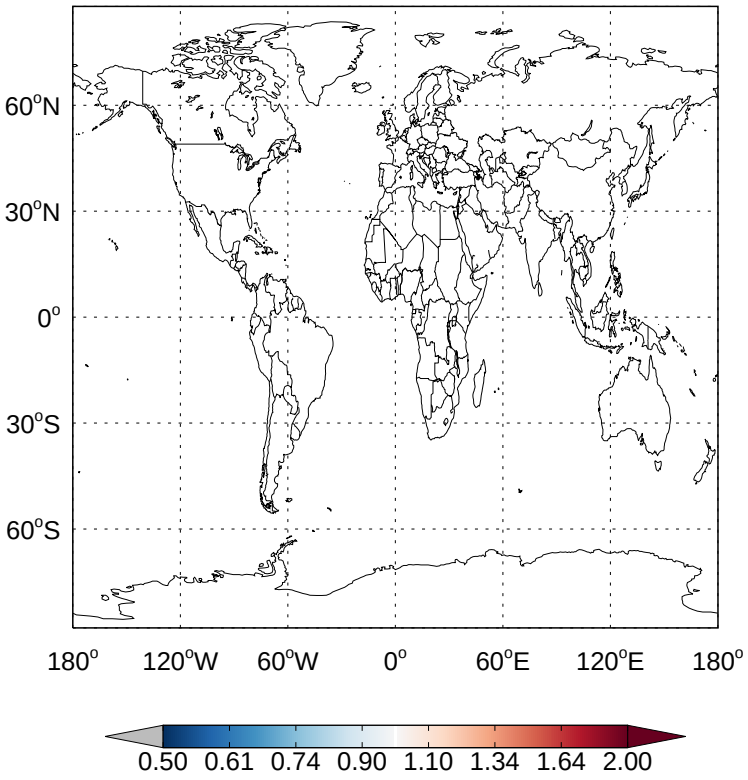
CHBr3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

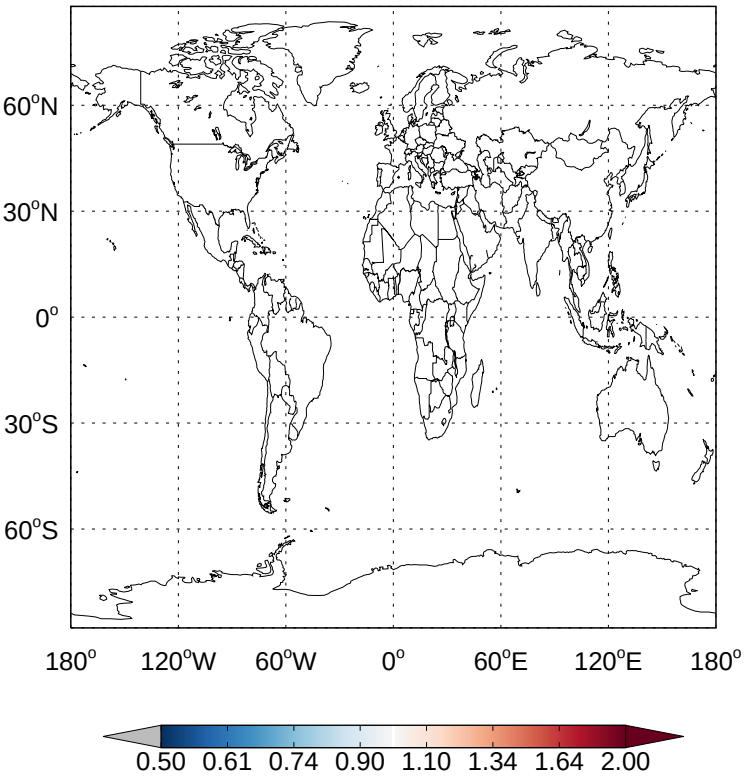
v11-01-public-Run0 / v11-01k-Run0

CH2Br2 / Ratio @ Surface for Oct



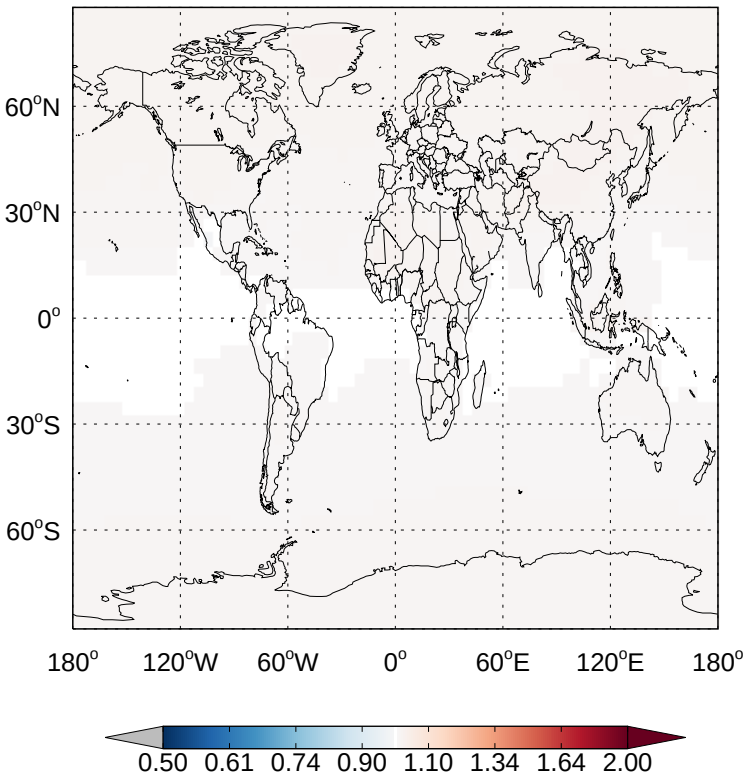
v11-01-public-Run0 / v11-01k-Run0

CH2Br2/ Ratio @ 500 hPa for Oct



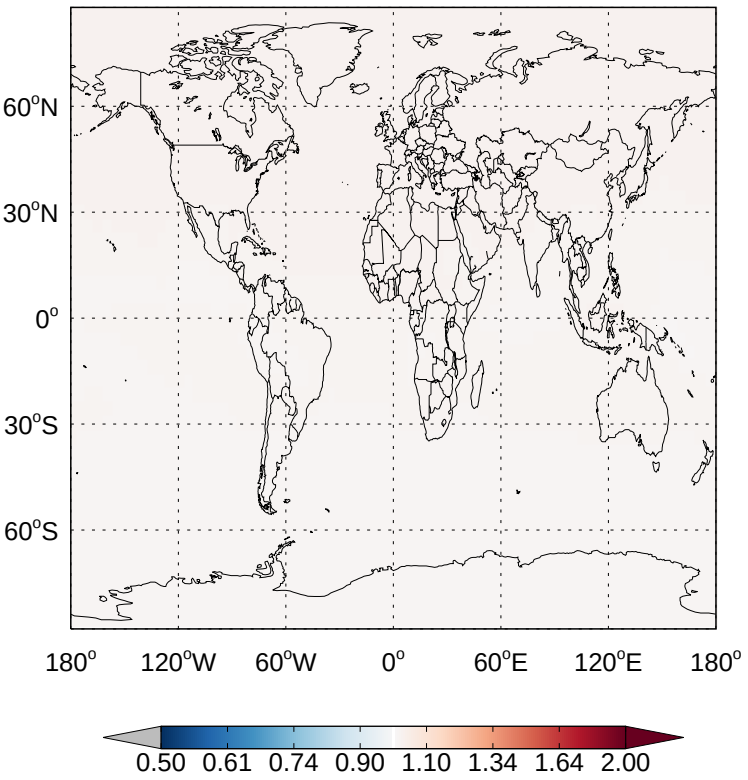
v11-01-public-Run0 / v11-01g-Run0

CH2Br2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

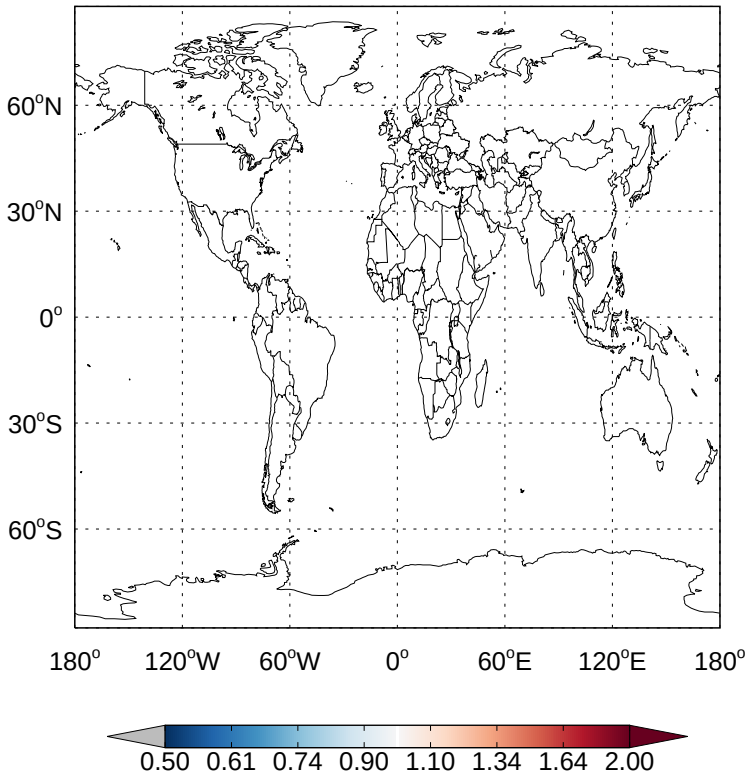
CH2Br2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

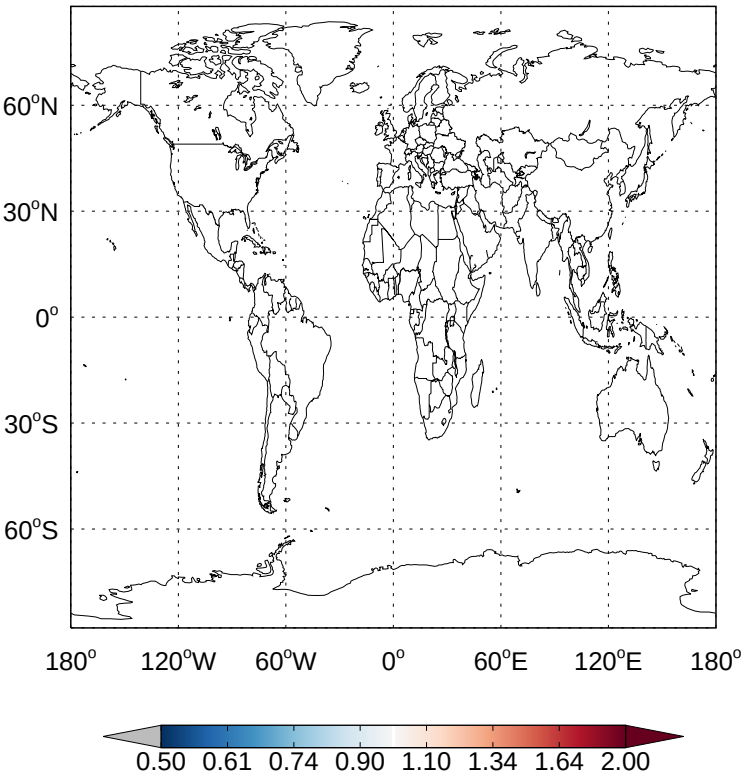
v11-01-public-Run0 / v11-01k-Run0

CH3Br / Ratio @ Surface for Oct



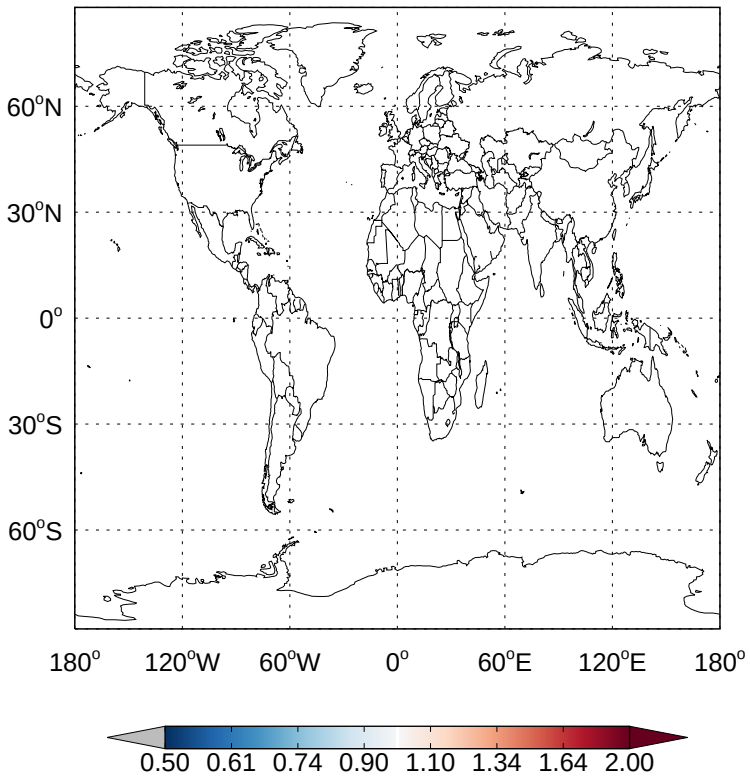
v11-01-public-Run0 / v11-01k-Run0

CH3Br/ Ratio @ 500 hPa for Oct



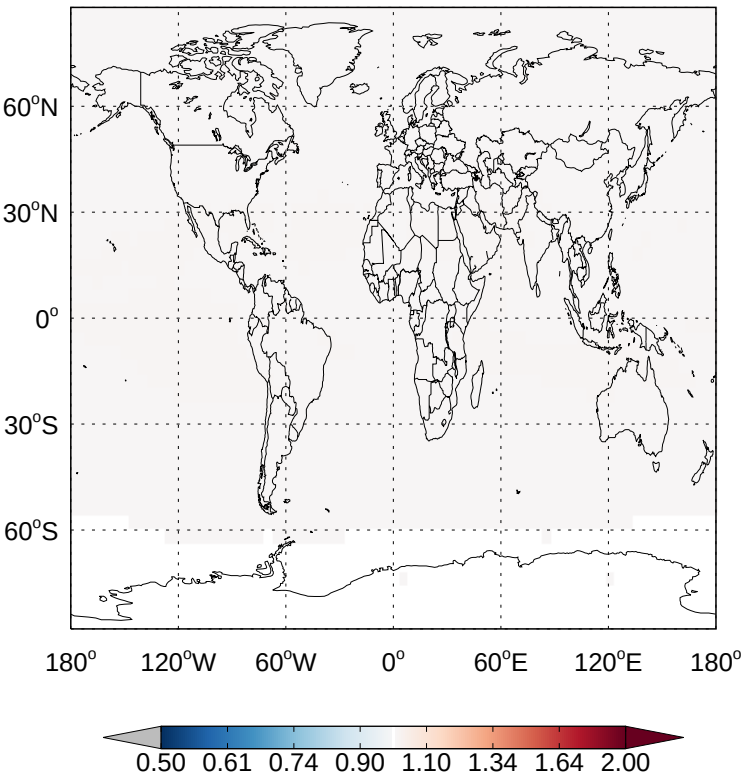
v11-01-public-Run0 / v11-01g-Run0

CH3Br / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

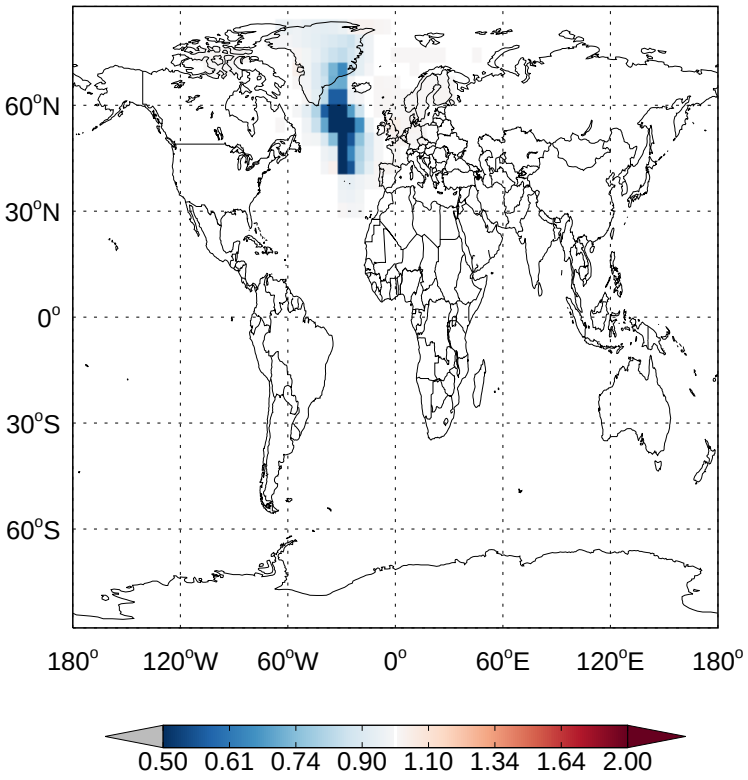
CH3Br/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

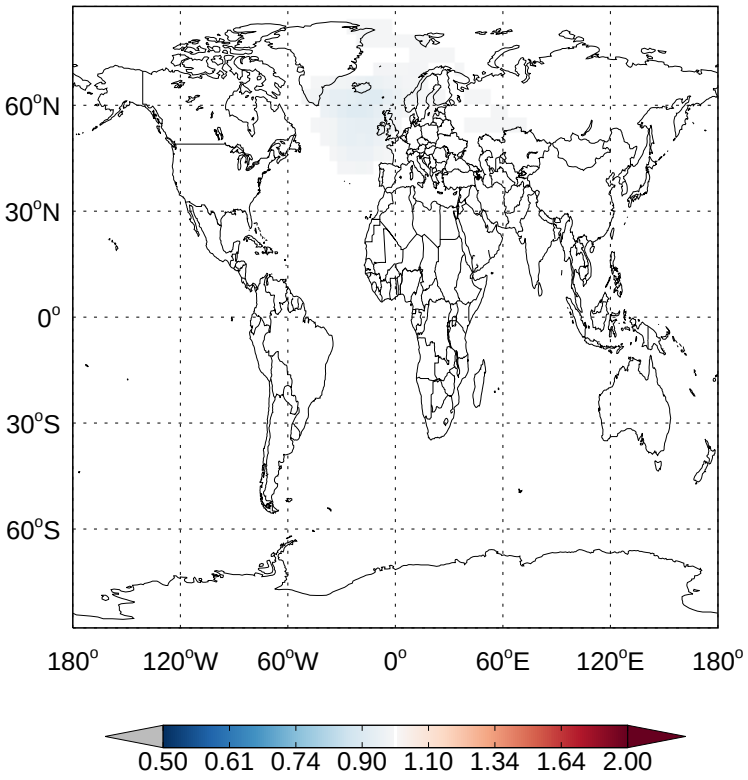
v11-01-public-Run0 / v11-01k-Run0

MPN / Ratio @ Surface for Oct



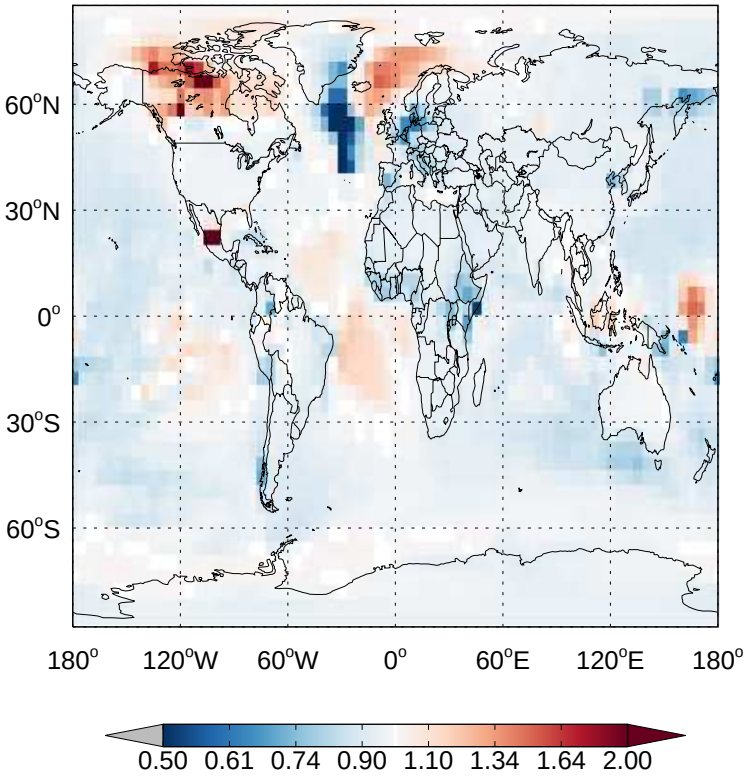
v11-01-public-Run0 / v11-01k-Run0

MPN/ Ratio @ 500 hPa for Oct



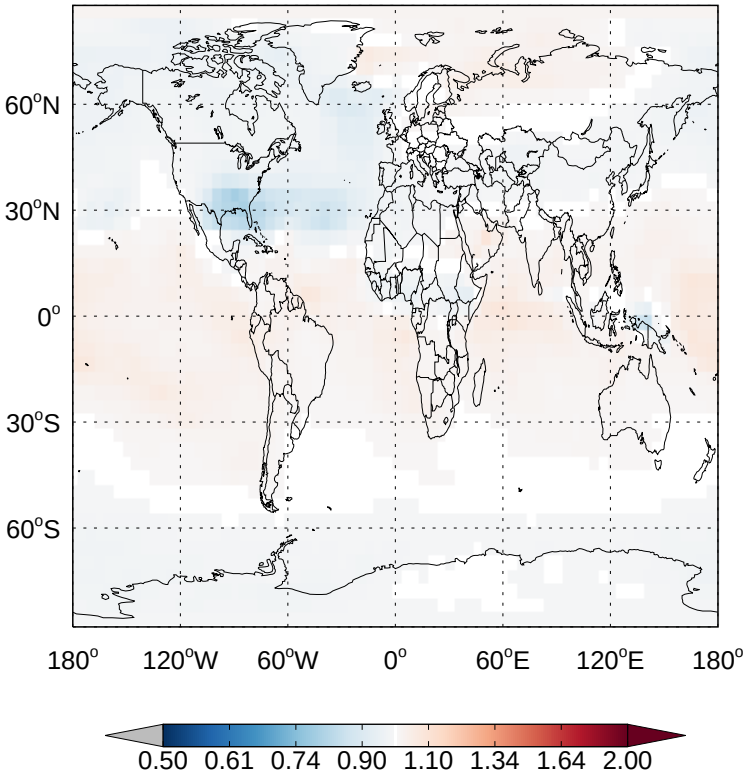
v11-01-public-Run0 / v11-01g-Run0

MPN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

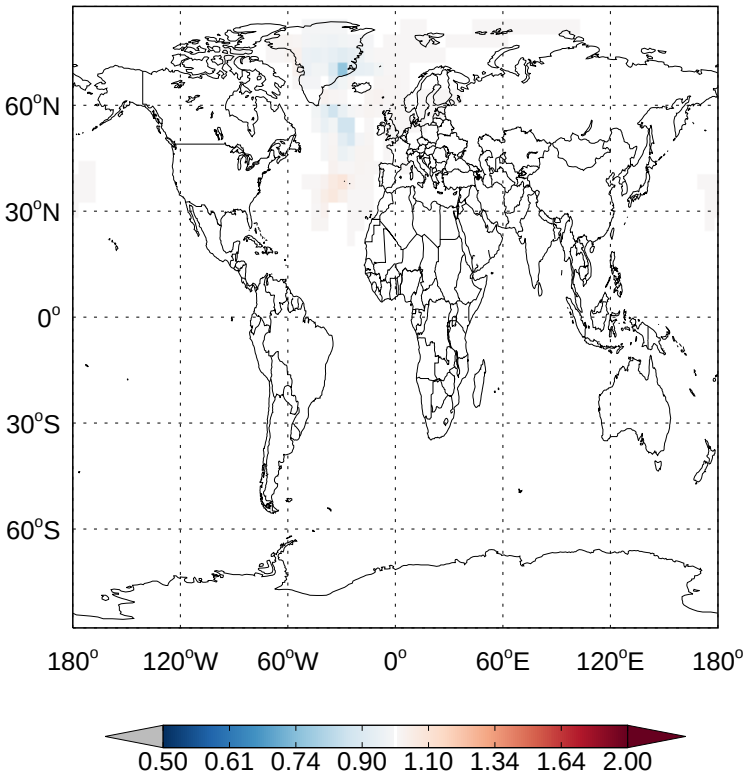
MPN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

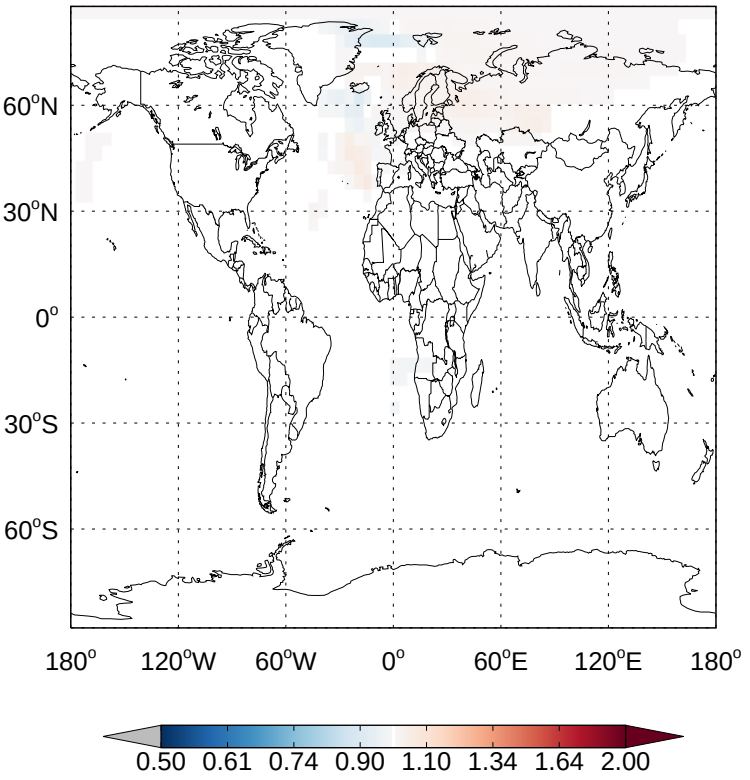
v11-01-public-Run0 / v11-01k-Run0

ISOPND / Ratio @ Surface for Oct



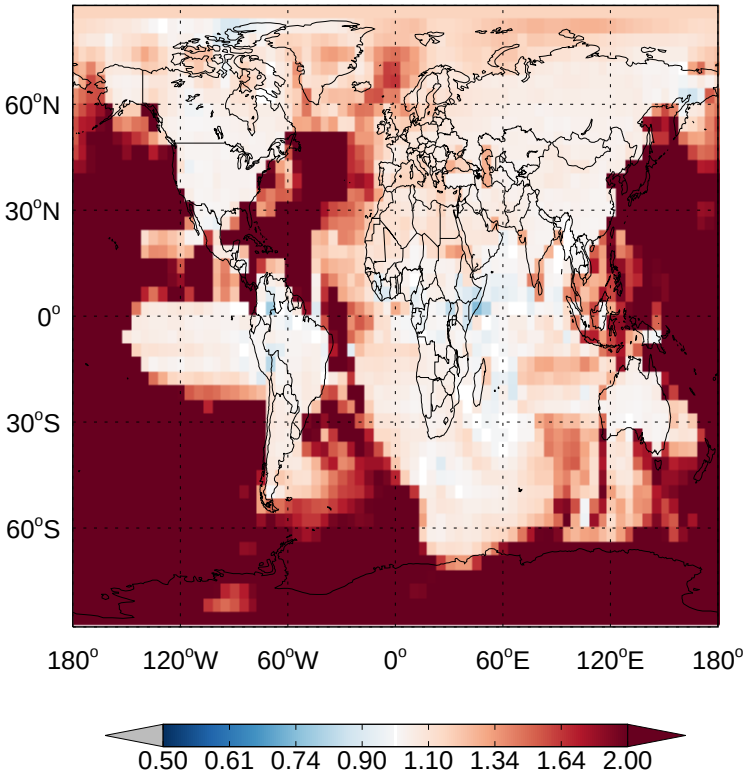
v11-01-public-Run0 / v11-01k-Run0

ISOPND/ Ratio @ 500 hPa for Oct



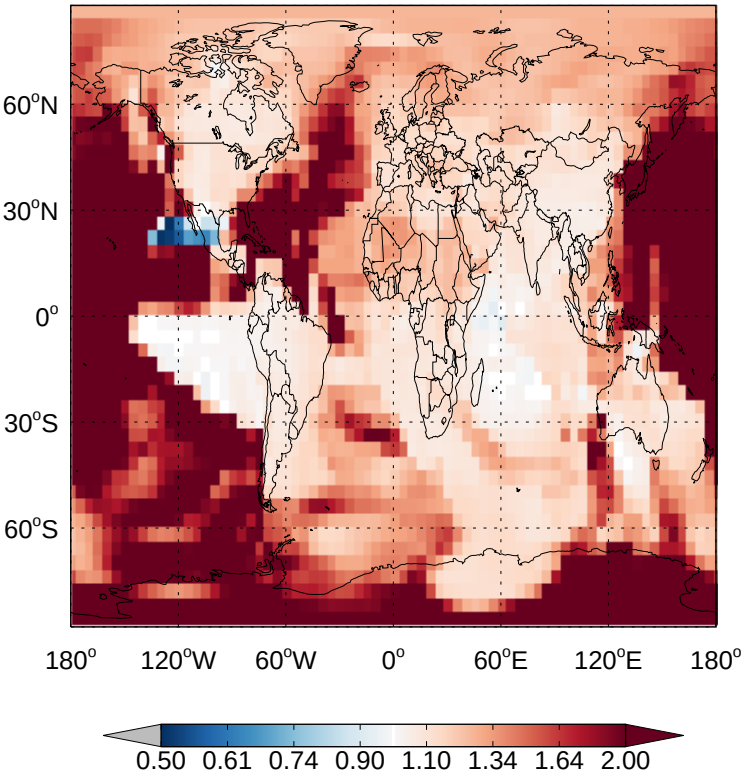
v11-01-public-Run0 / v11-01g-Run0

ISOPND / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

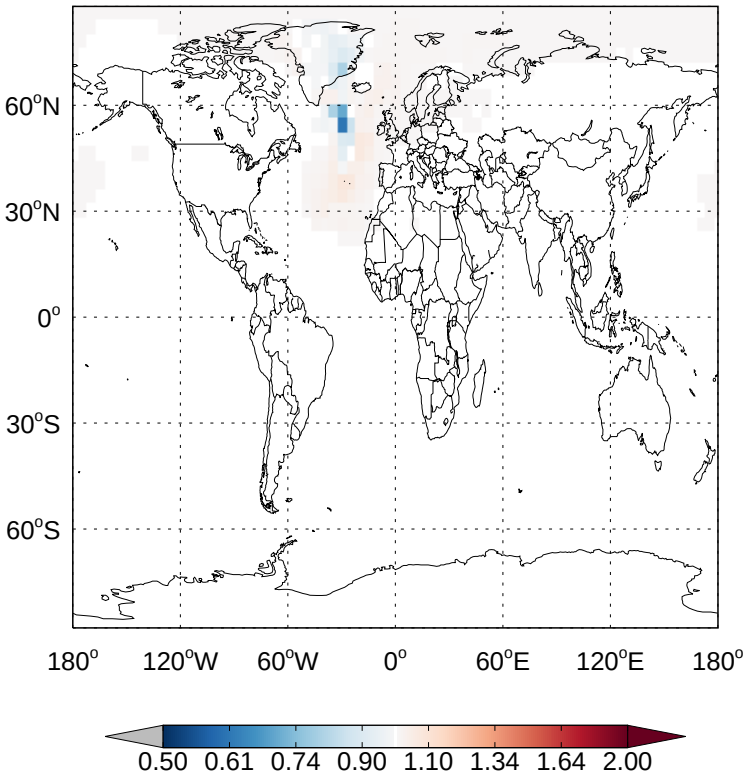
ISOPND/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

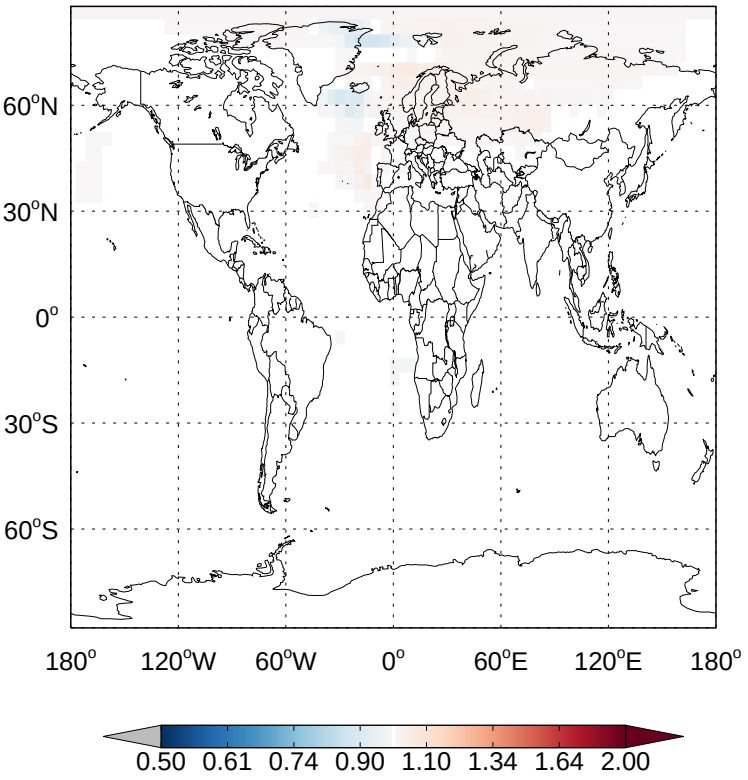
v11-01-public-Run0 / v11-01k-Run0

ISOPNB / Ratio @ Surface for Oct



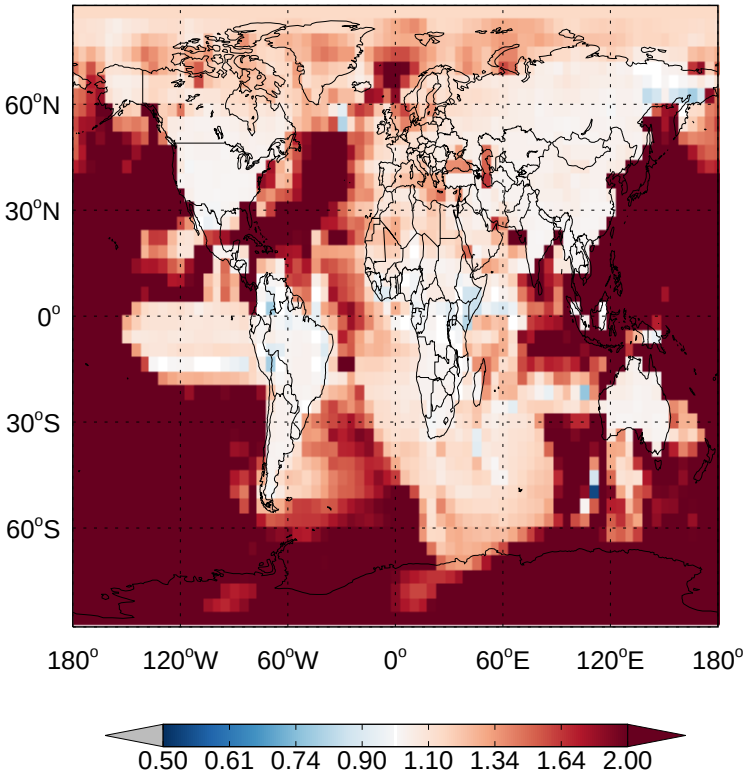
v11-01-public-Run0 / v11-01k-Run0

ISOPNB/ Ratio @ 500 hPa for Oct



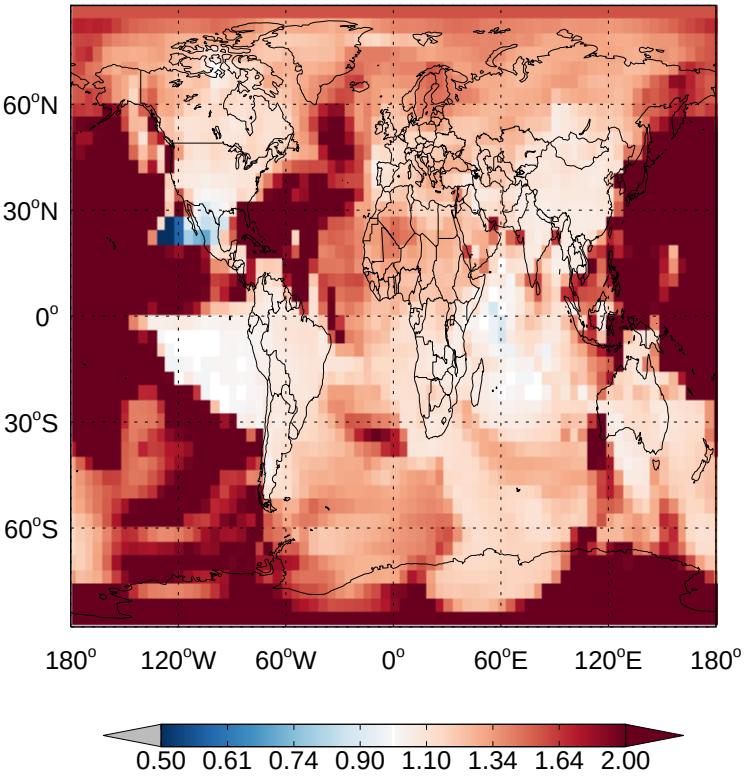
v11-01-public-Run0 / v11-01g-Run0

ISOPNB / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

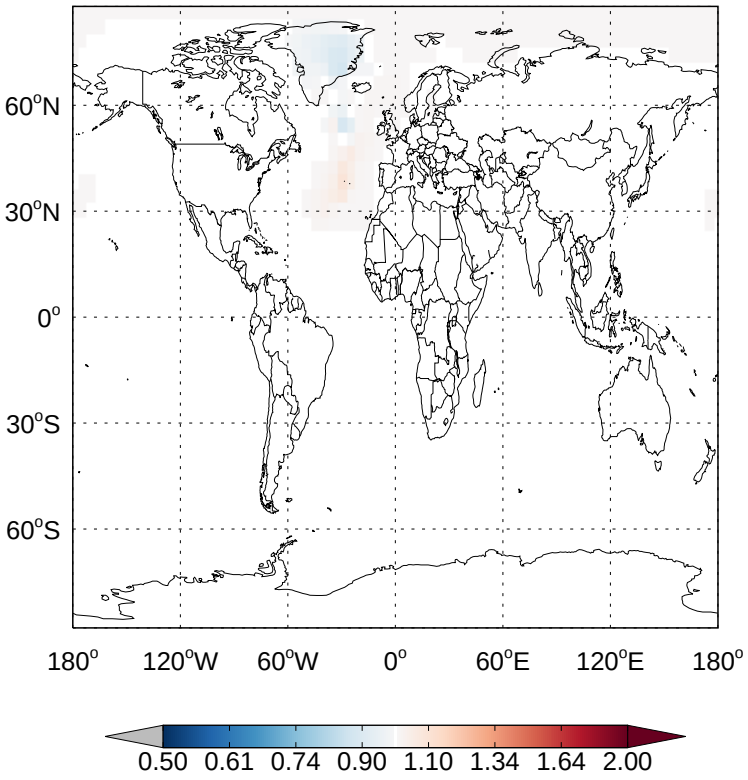
ISOPNB/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

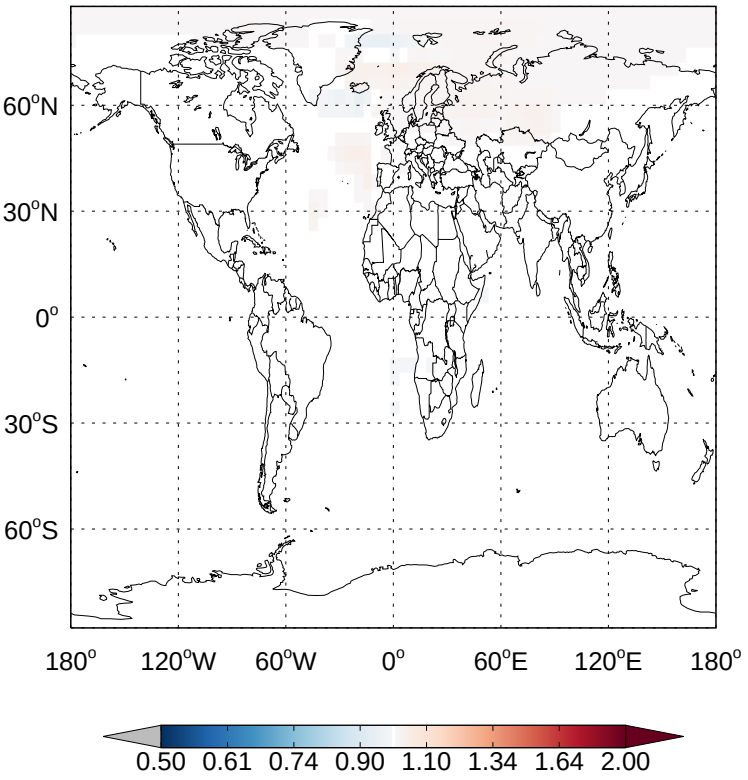
v11-01-public-Run0 / v11-01k-Run0

MOBA / Ratio @ Surface for Oct



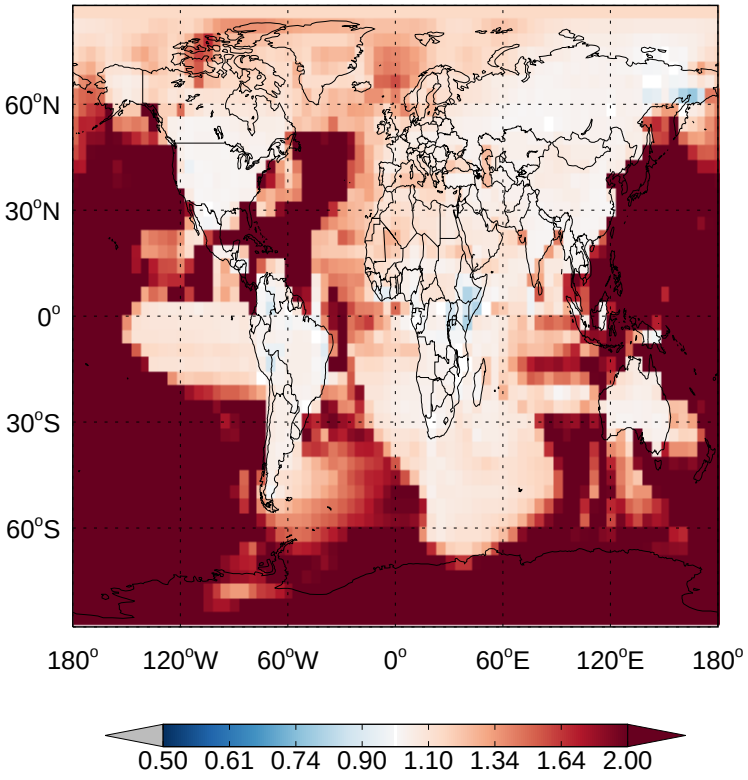
v11-01-public-Run0 / v11-01k-Run0

MOBA/ Ratio @ 500 hPa for Oct



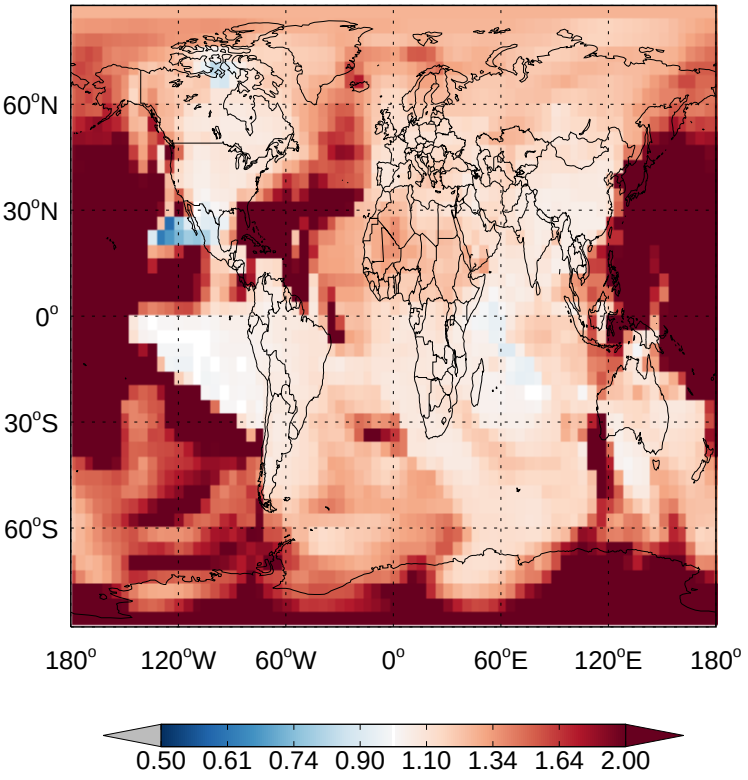
v11-01-public-Run0 / v11-01g-Run0

MOBA / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

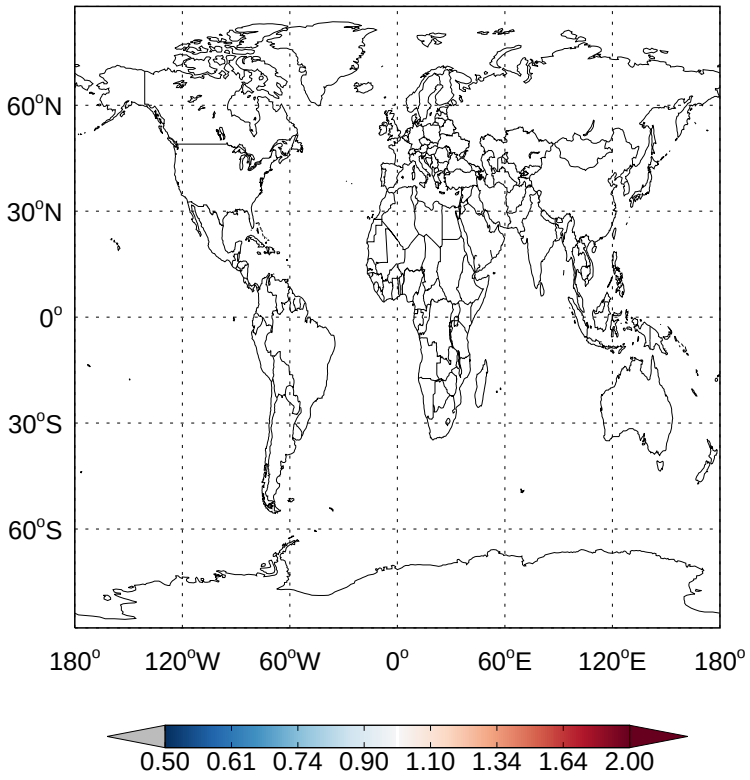
MOBA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

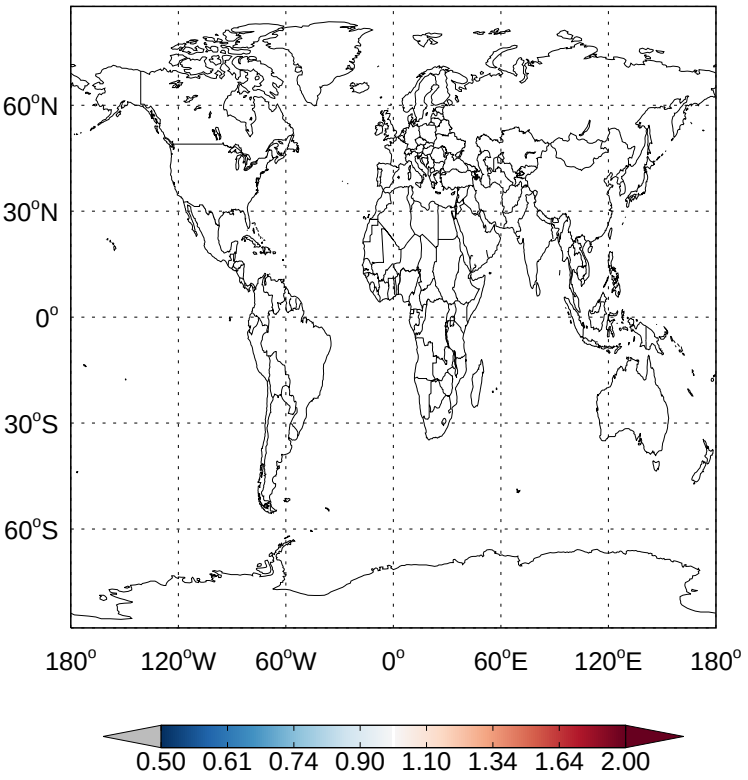
v11-01-public-Run0 / v11-01k-Run0

PROPNN / Ratio @ Surface for Oct



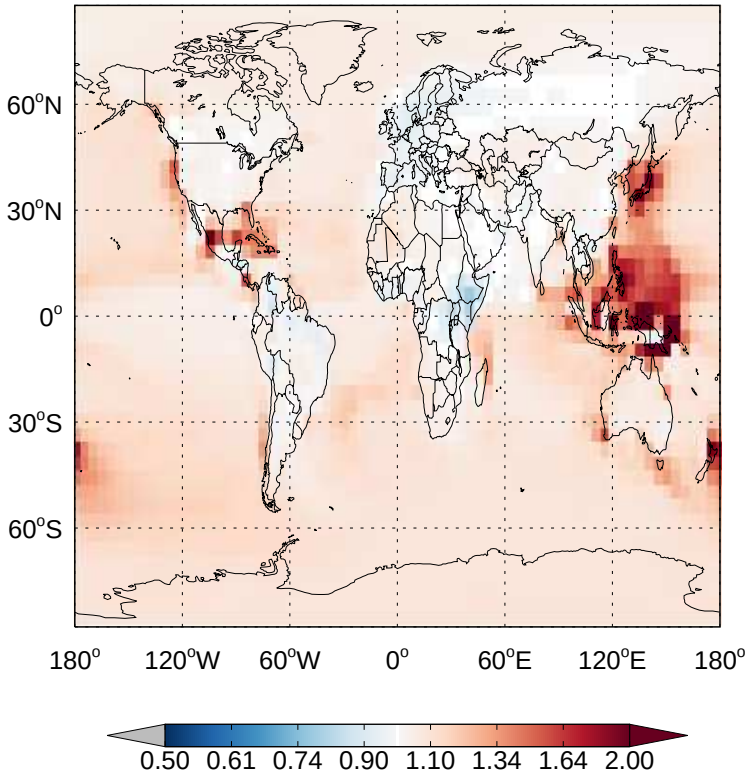
v11-01-public-Run0 / v11-01k-Run0

PROPNN/ Ratio @ 500 hPa for Oct



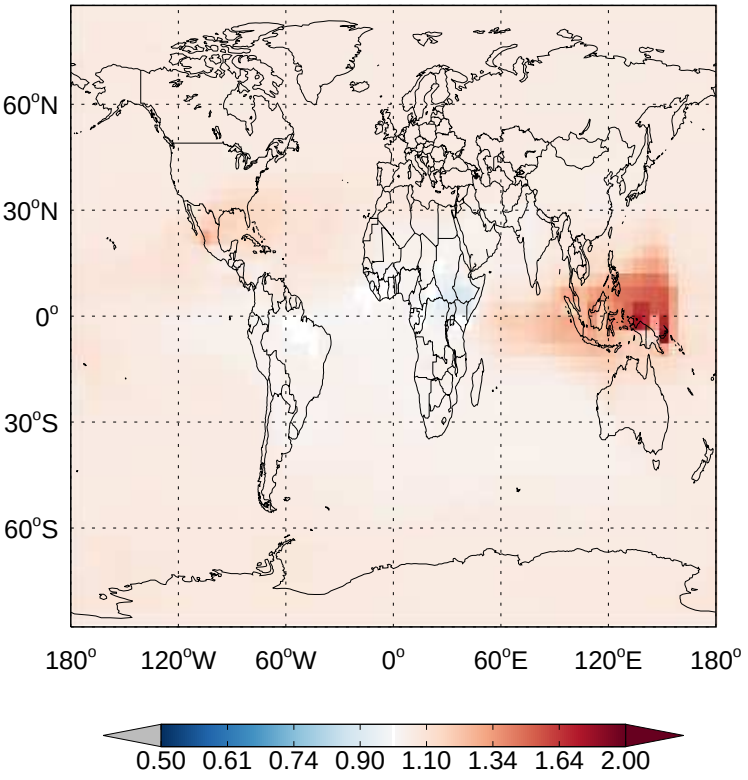
v11-01-public-Run0 / v11-01g-Run0

PROPNN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

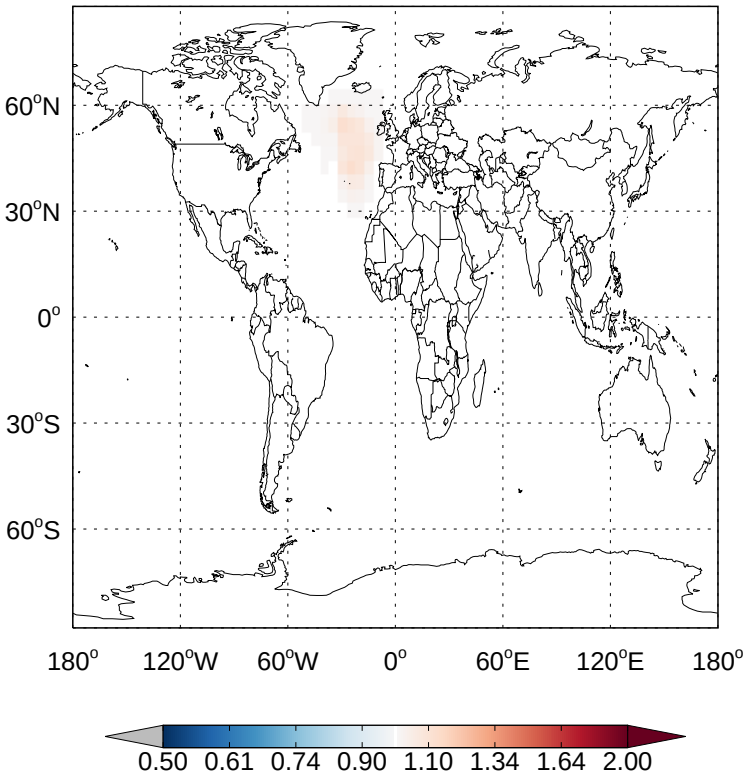
PROPNN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

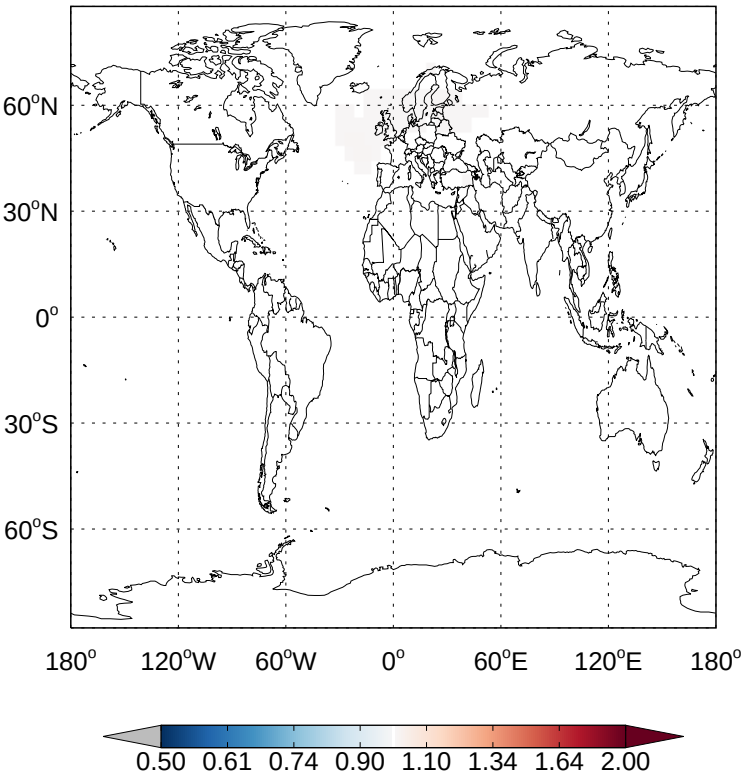
v11-01-public-Run0 / v11-01k-Run0

HAC / Ratio @ Surface for Oct



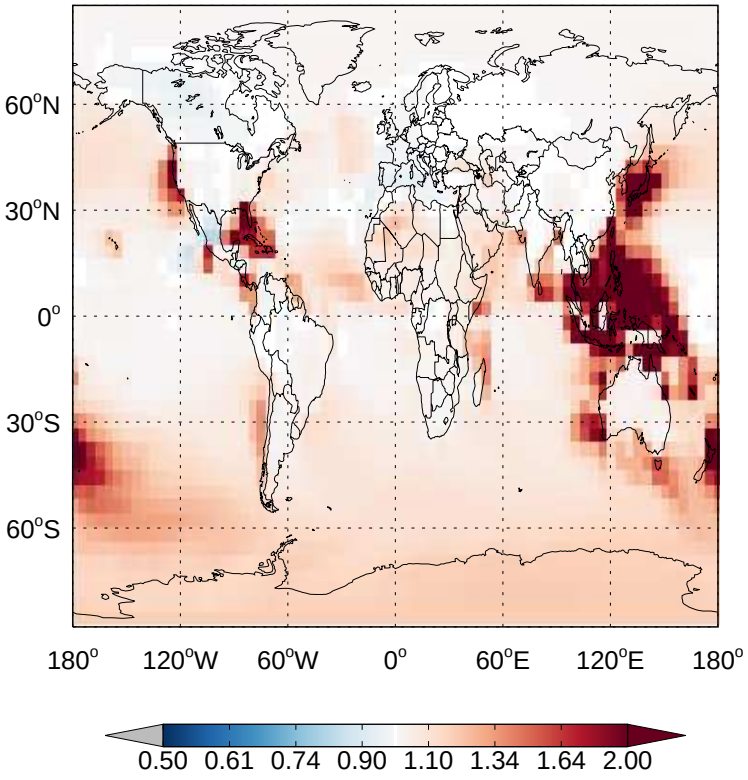
v11-01-public-Run0 / v11-01k-Run0

HAC/ Ratio @ 500 hPa for Oct



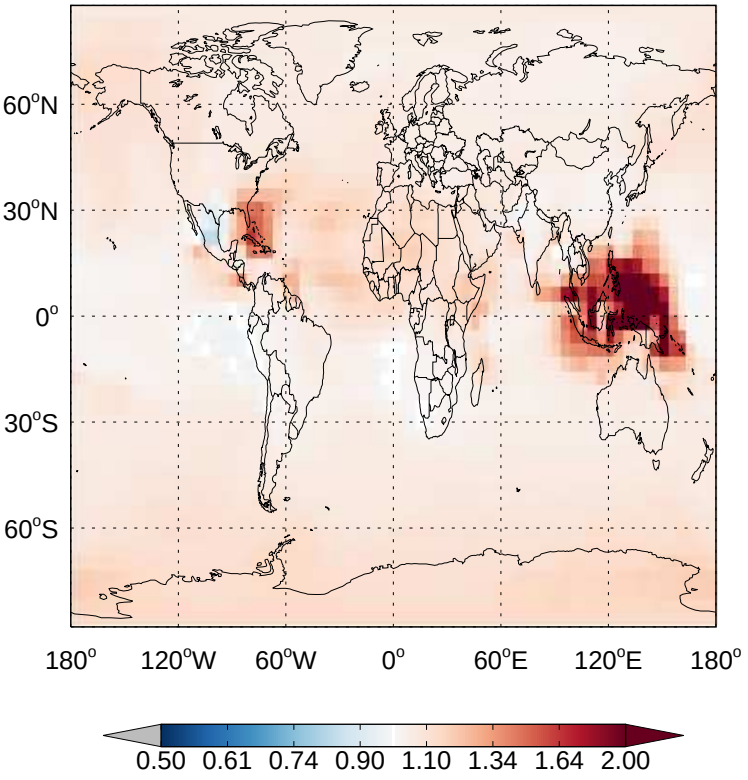
v11-01-public-Run0 / v11-01g-Run0

HAC / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

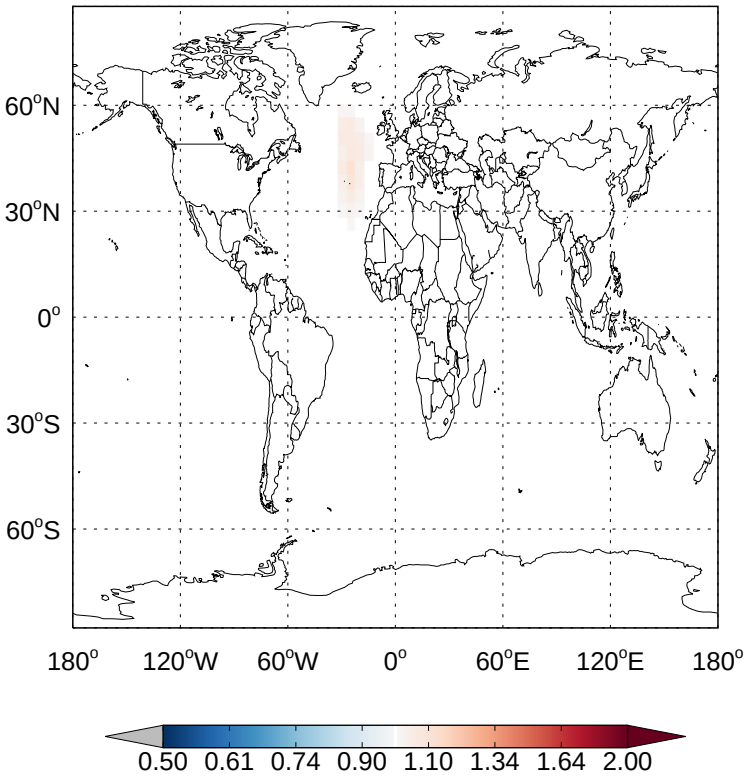
HAC/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

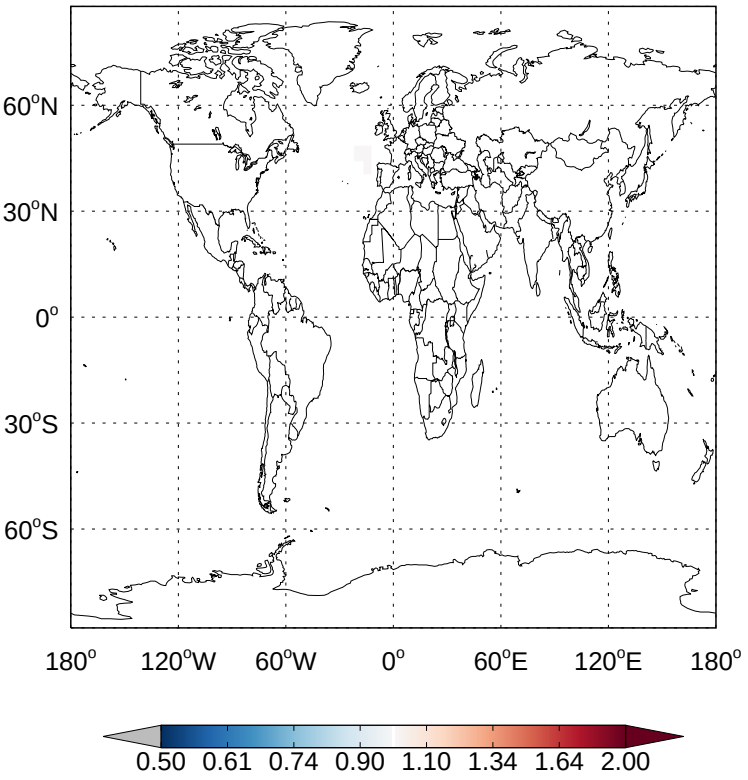
v11-01-public-Run0 / v11-01k-Run0

GLYC / Ratio @ Surface for Oct



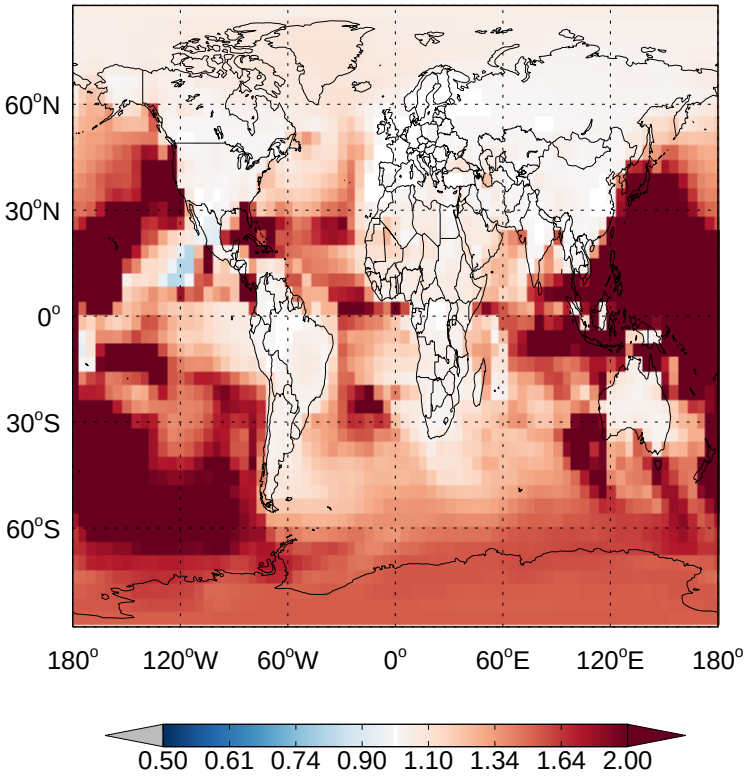
v11-01-public-Run0 / v11-01k-Run0

GLYC/ Ratio @ 500 hPa for Oct



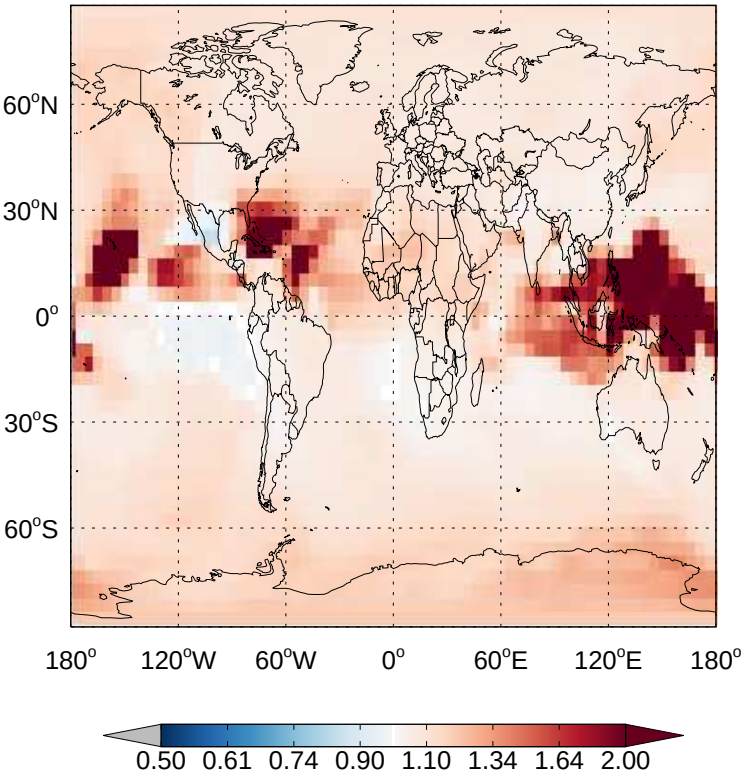
v11-01-public-Run0 / v11-01g-Run0

GLYC / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

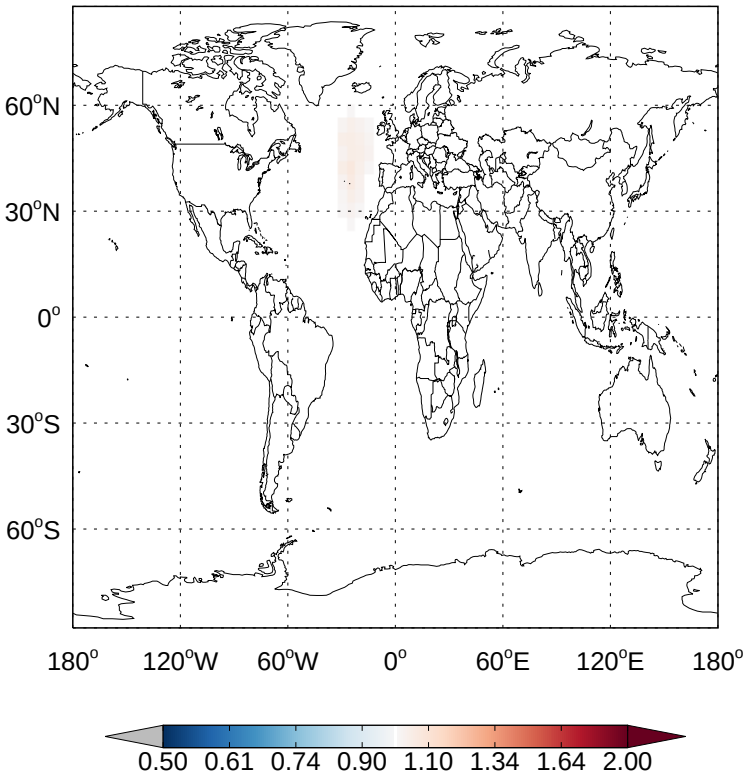
GLYC/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

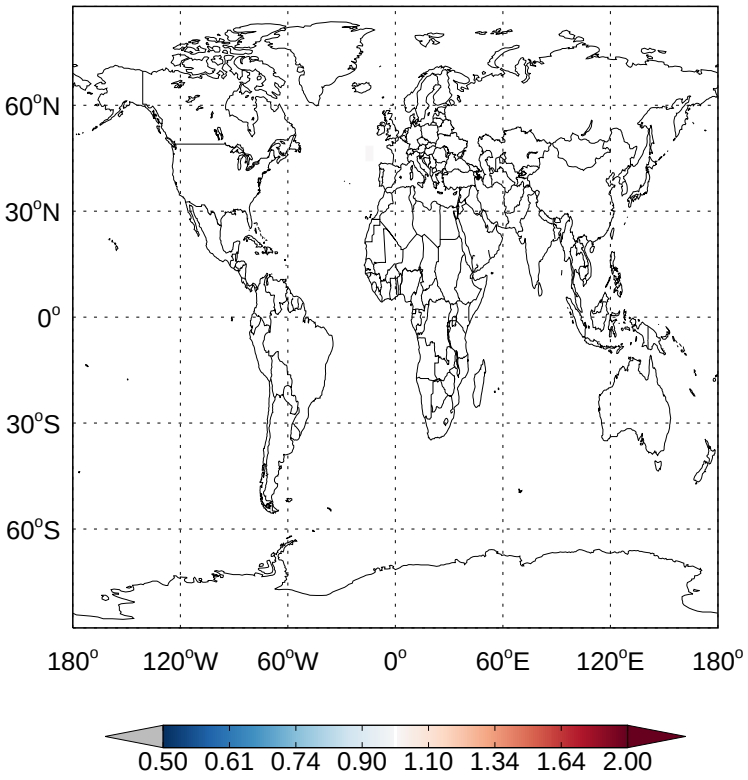
v11-01-public-Run0 / v11-01k-Run0

MVKN / Ratio @ Surface for Oct



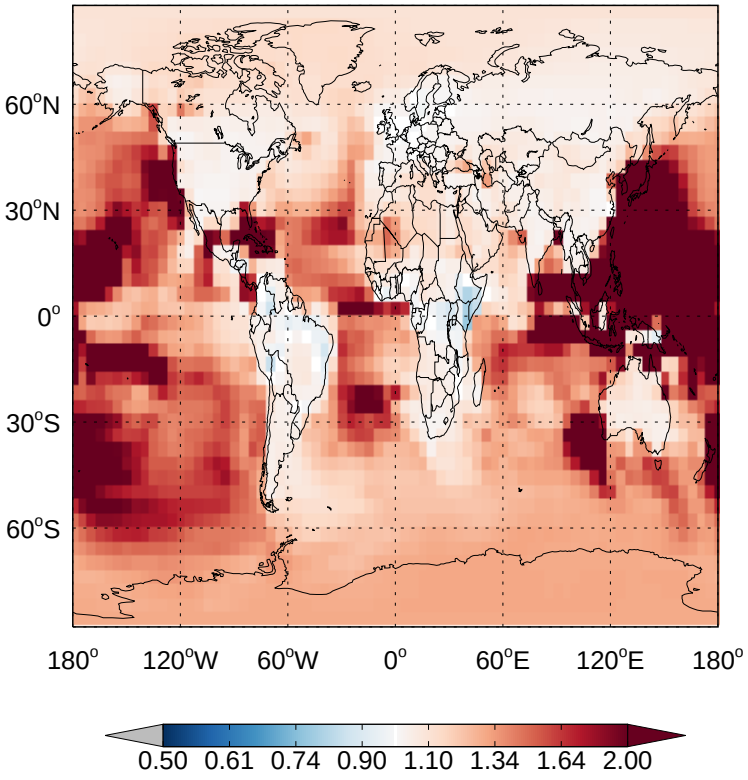
v11-01-public-Run0 / v11-01k-Run0

MVKN/ Ratio @ 500 hPa for Oct



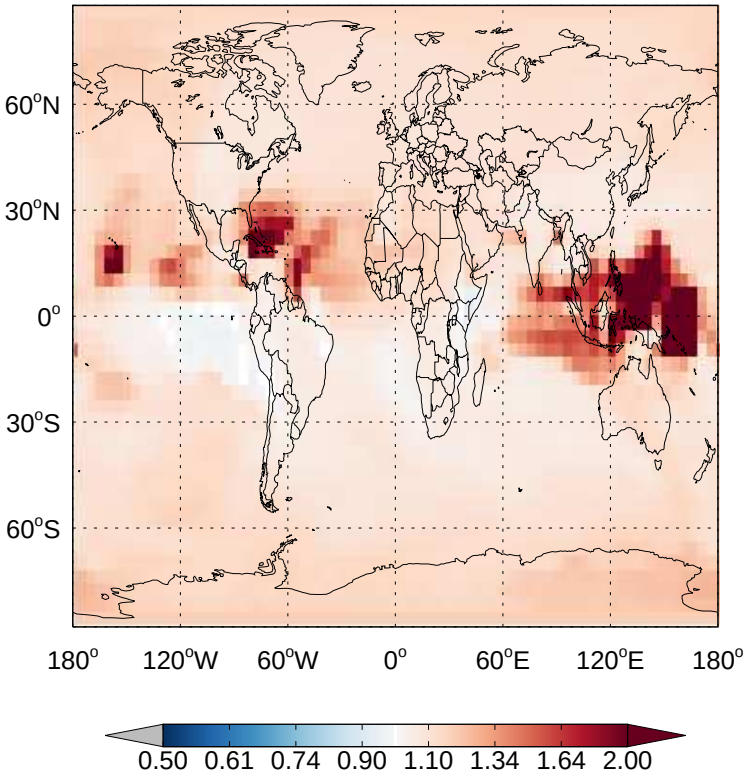
v11-01-public-Run0 / v11-01g-Run0

MVKN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

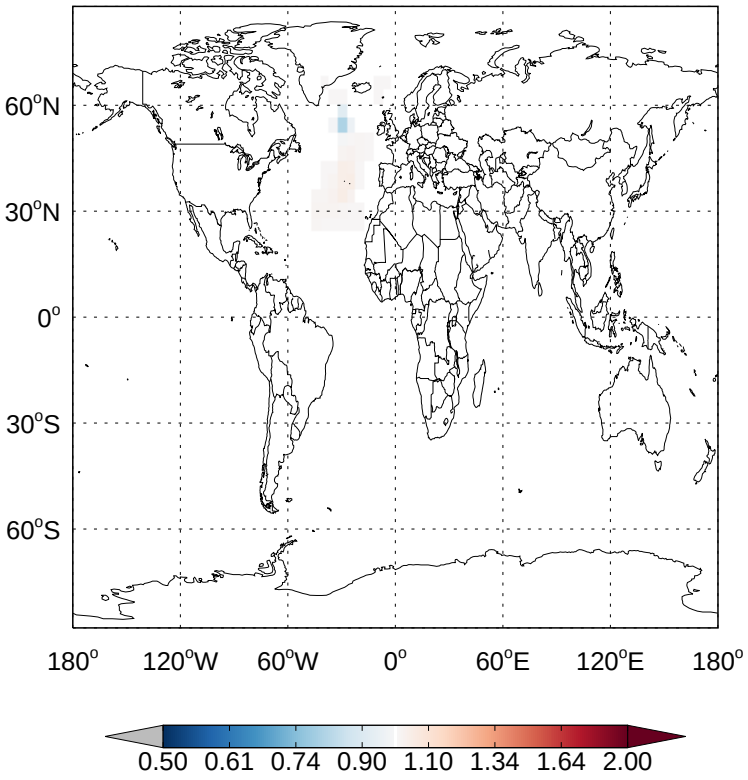
MVKN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

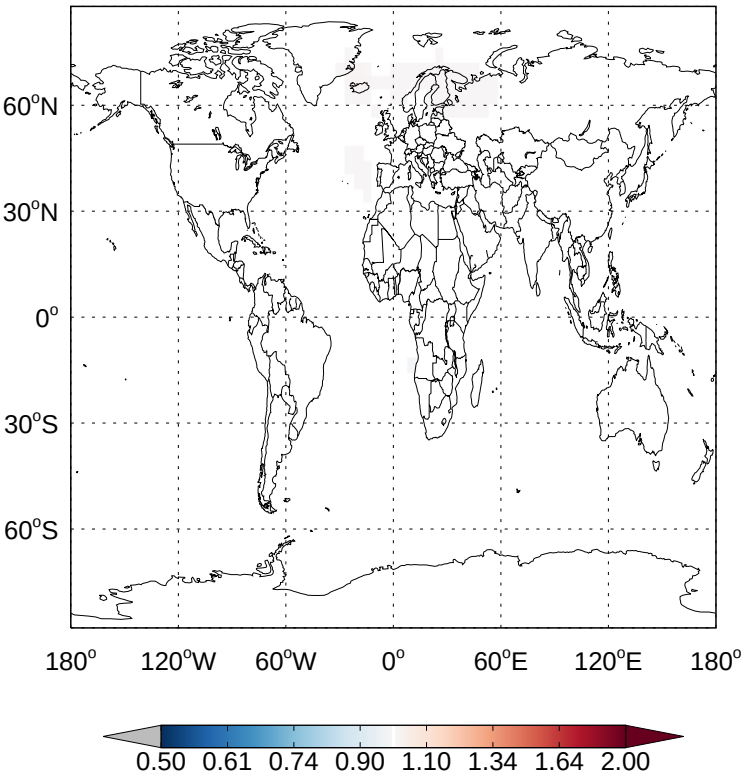
v11-01-public-Run0 / v11-01k-Run0

MACRN / Ratio @ Surface for Oct



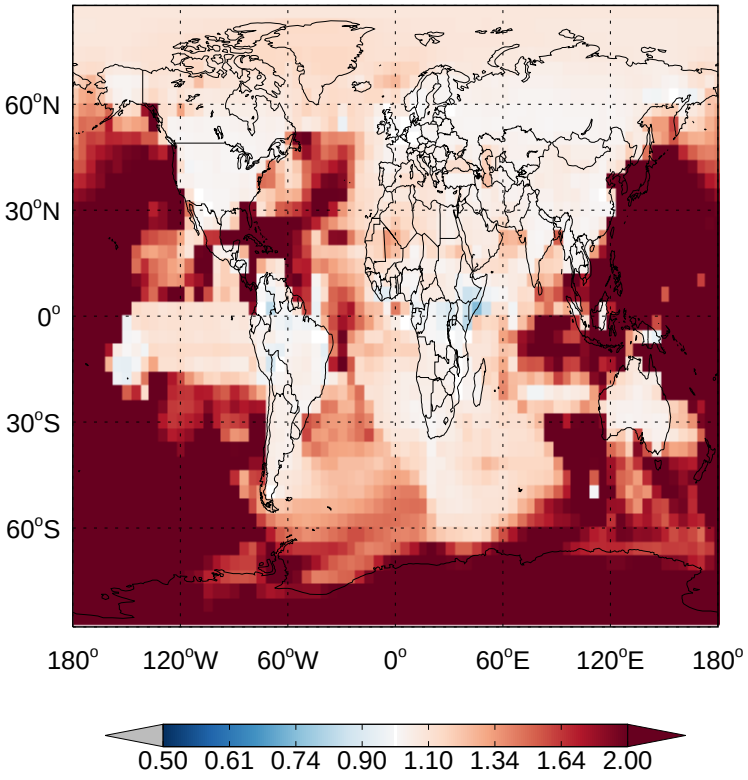
v11-01-public-Run0 / v11-01k-Run0

MACRN/ Ratio @ 500 hPa for Oct



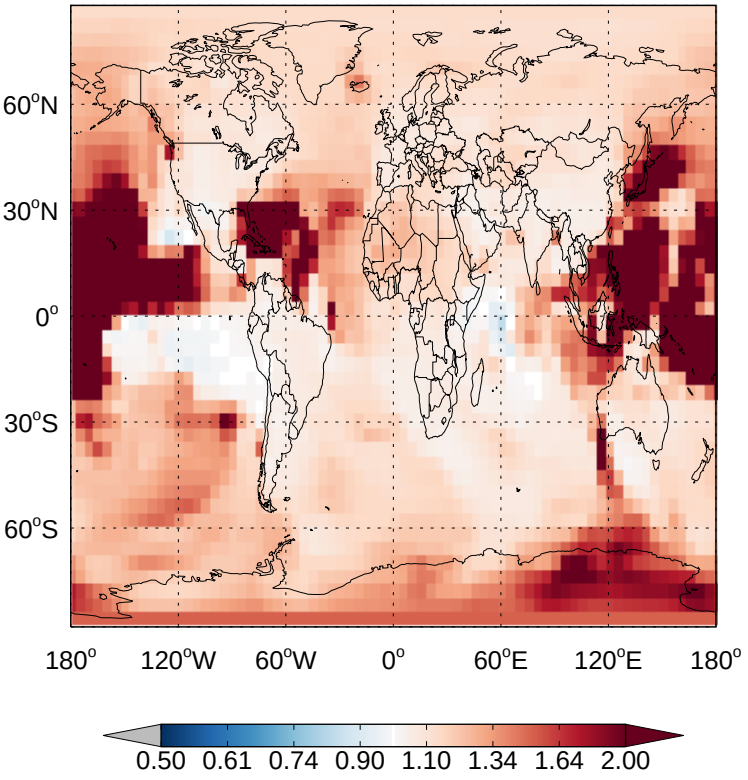
v11-01-public-Run0 / v11-01g-Run0

MACRN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

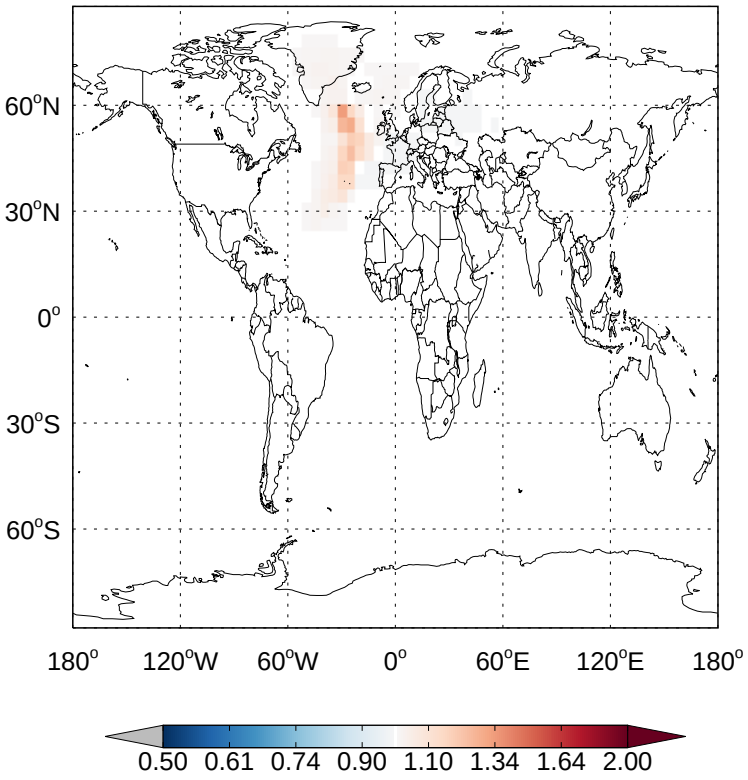
MACRN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

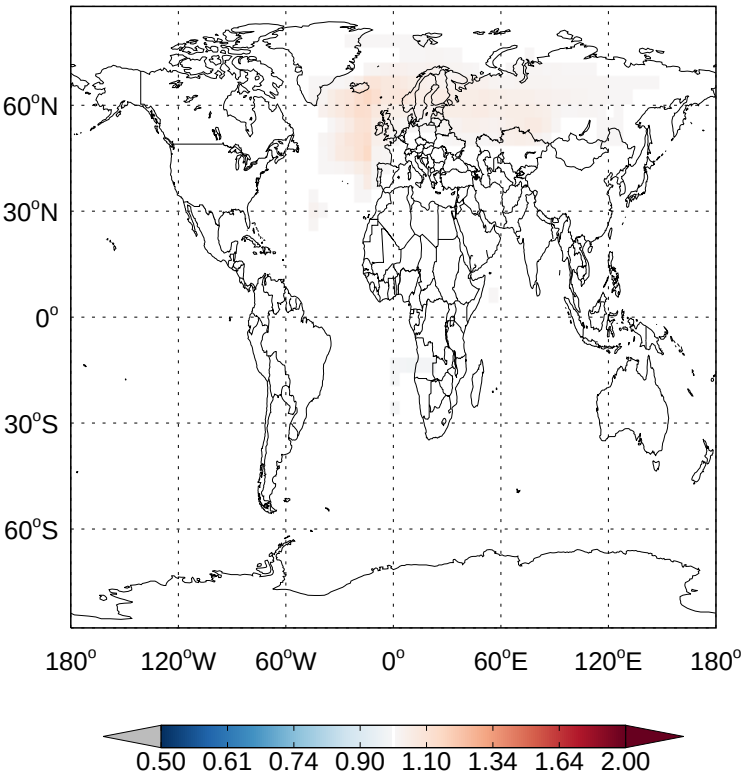
v11-01-public-Run0 / v11-01k-Run0

RIP / Ratio @ Surface for Oct



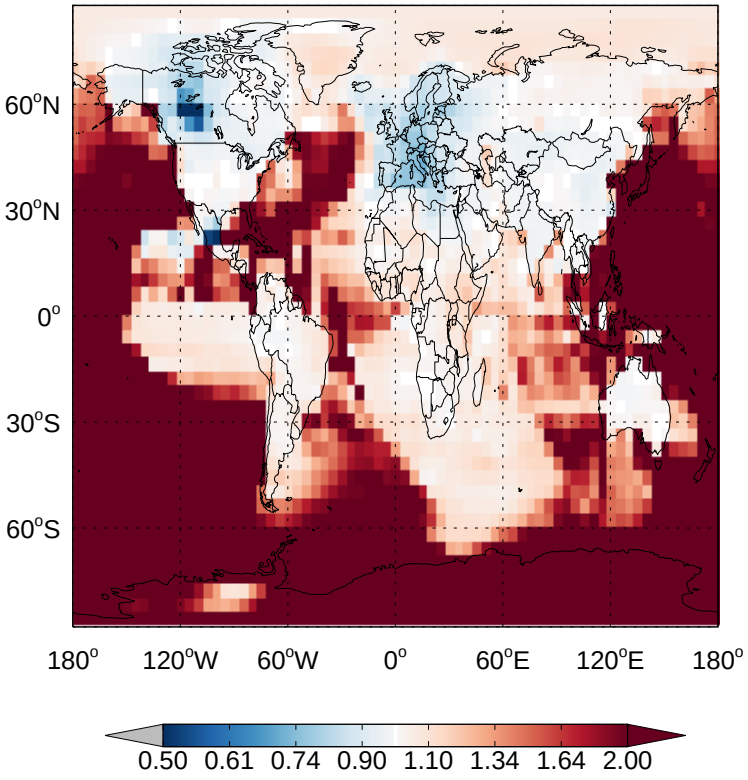
v11-01-public-Run0 / v11-01k-Run0

RIP/ Ratio @ 500 hPa for Oct



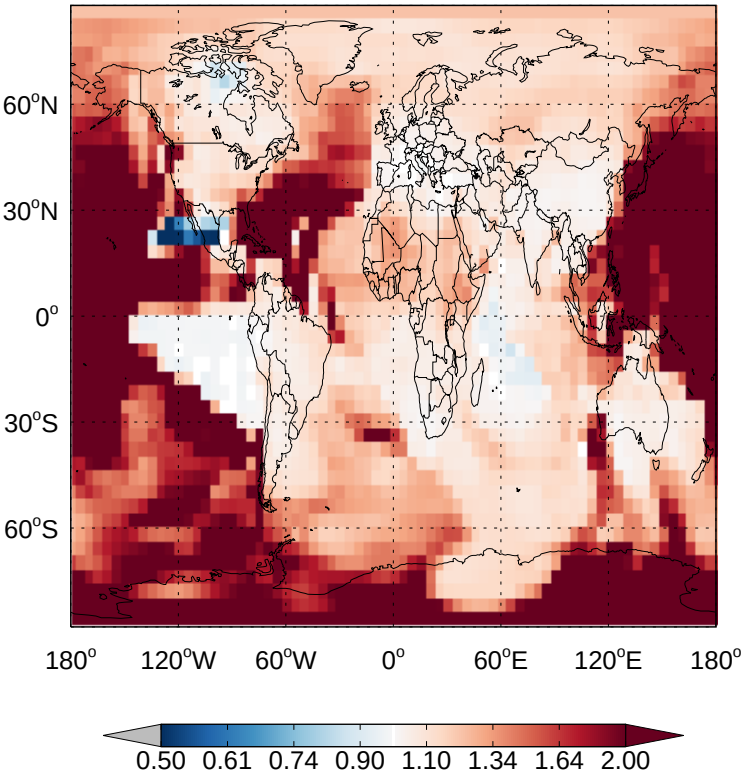
v11-01-public-Run0 / v11-01g-Run0

RIP / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

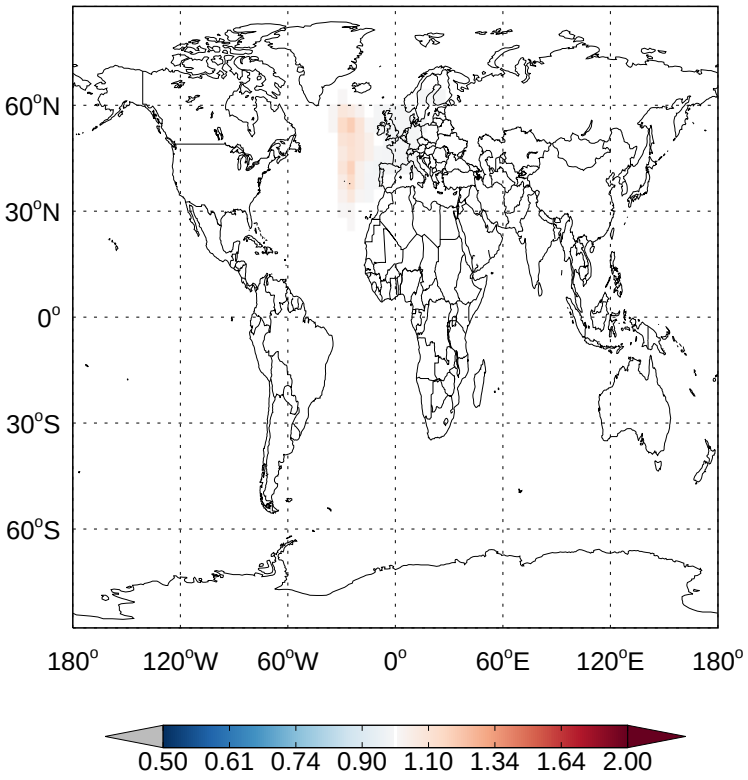
RIP/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

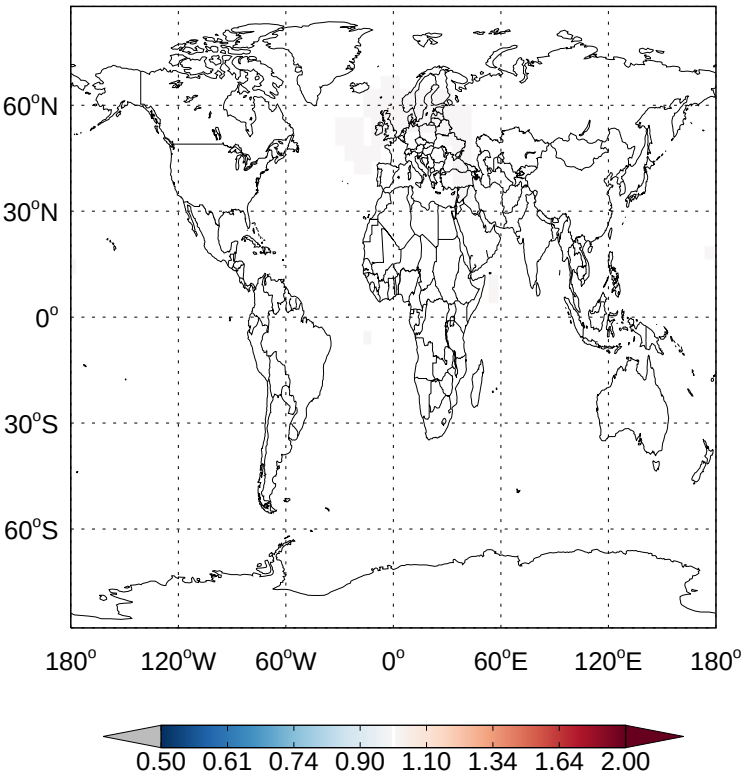
v11-01-public-Run0 / v11-01k-Run0

IEPOX / Ratio @ Surface for Oct



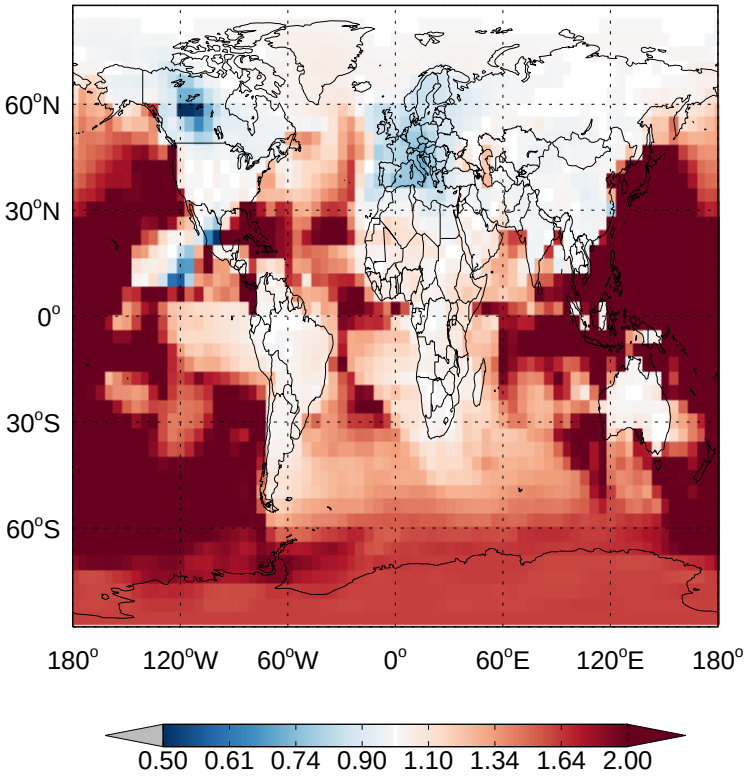
v11-01-public-Run0 / v11-01k-Run0

IEPOX/ Ratio @ 500 hPa for Oct



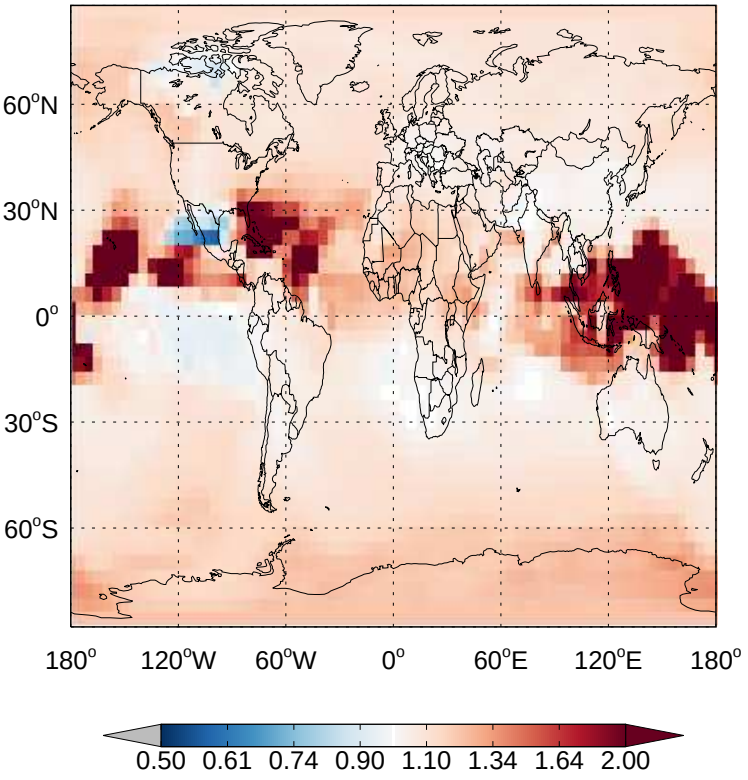
v11-01-public-Run0 / v11-01g-Run0

IEPOX / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

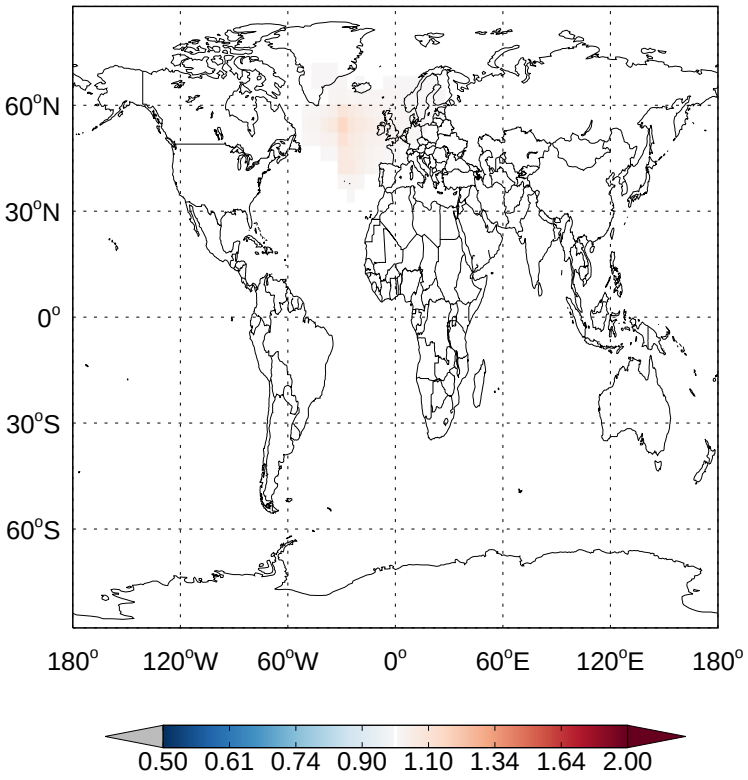
IEPOX/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

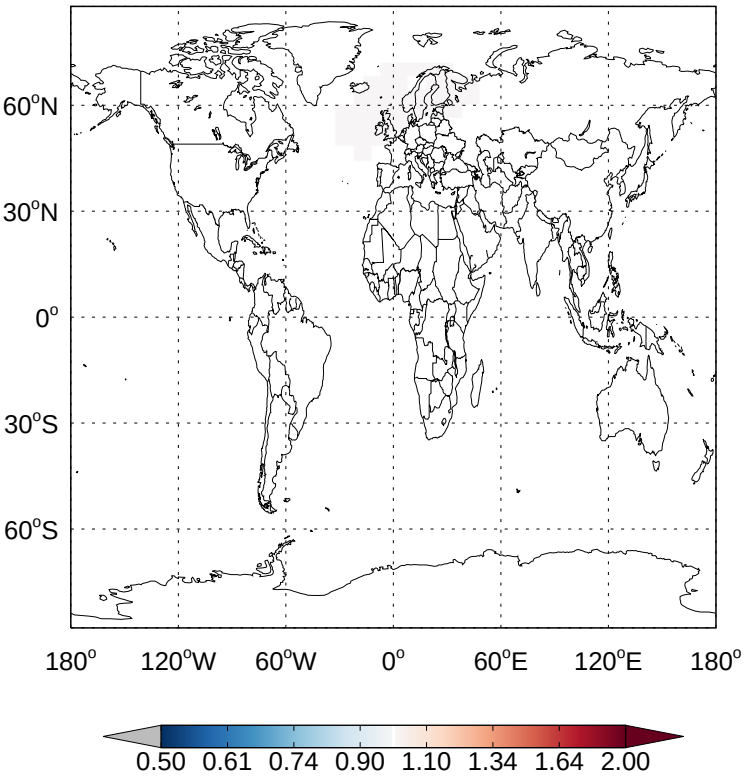
v11-01-public-Run0 / v11-01k-Run0

MAP / Ratio @ Surface for Oct



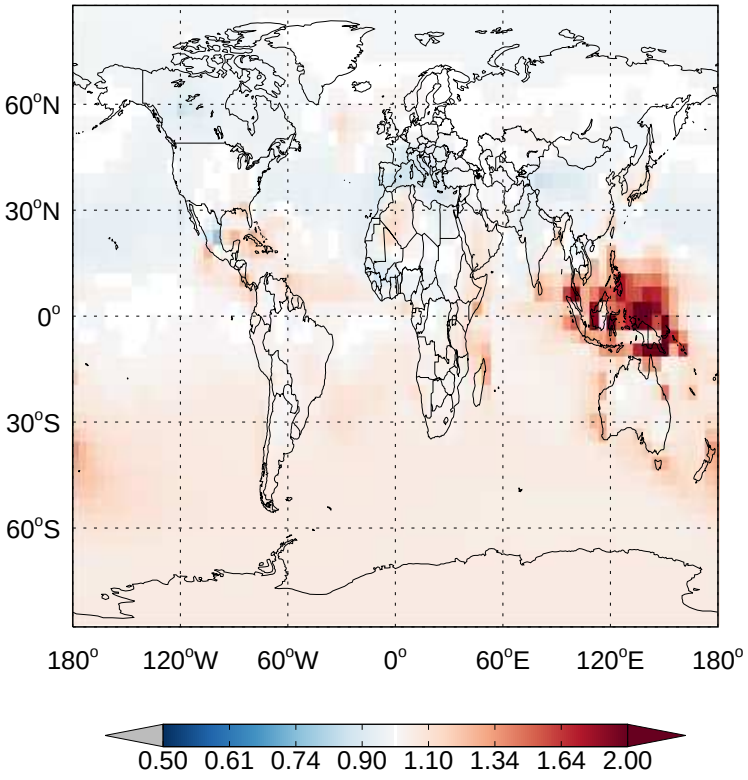
v11-01-public-Run0 / v11-01k-Run0

MAP/ Ratio @ 500 hPa for Oct



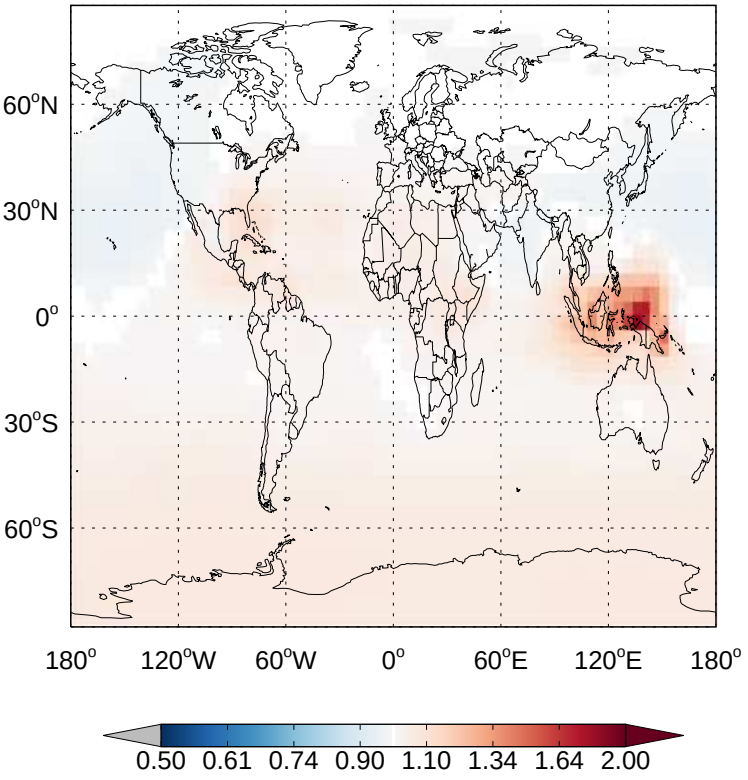
v11-01-public-Run0 / v11-01g-Run0

MAP / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

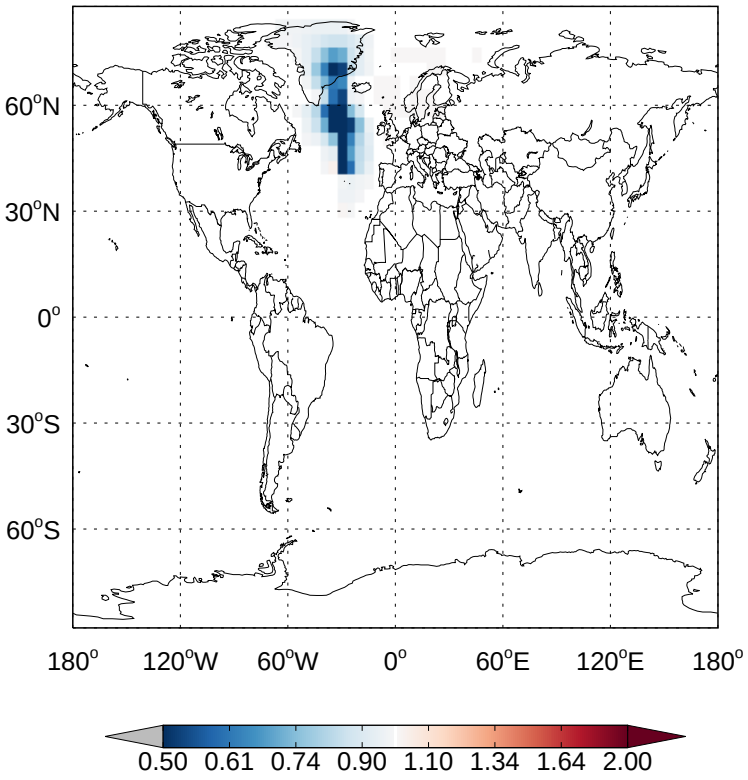
MAP/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

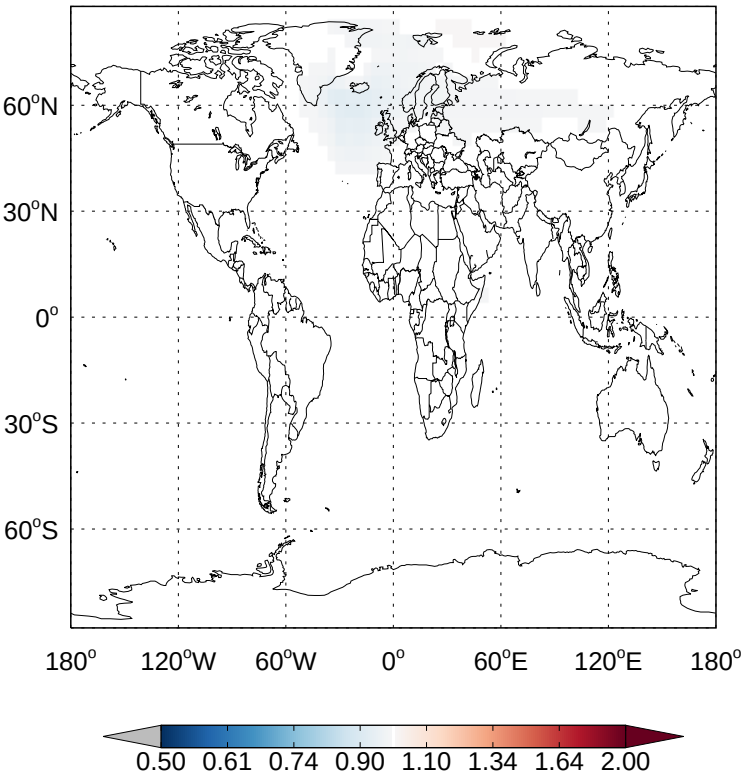
v11-01-public-Run0 / v11-01k-Run0

NO2 / Ratio @ Surface for Oct



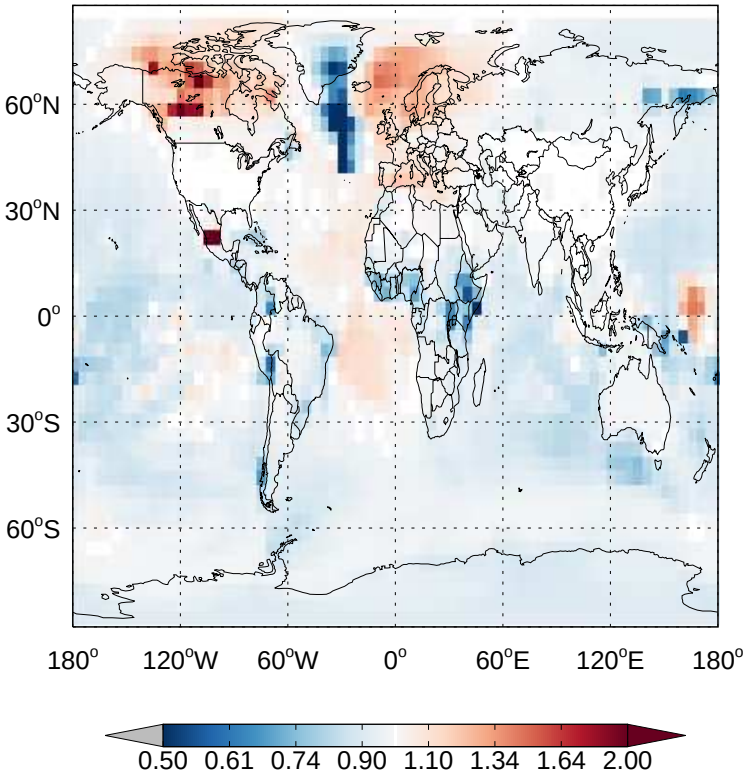
v11-01-public-Run0 / v11-01k-Run0

NO2/ Ratio @ 500 hPa for Oct



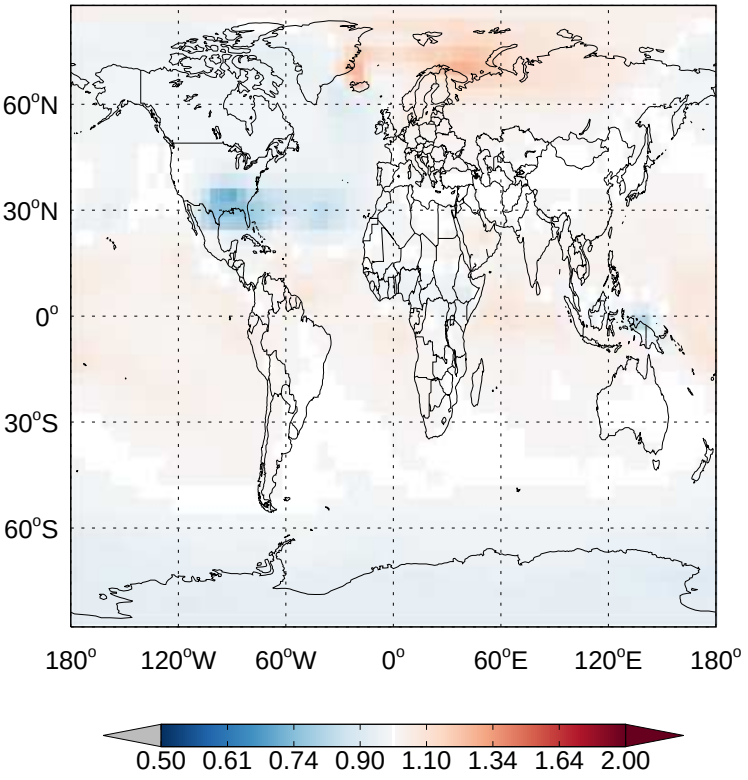
v11-01-public-Run0 / v11-01g-Run0

NO2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

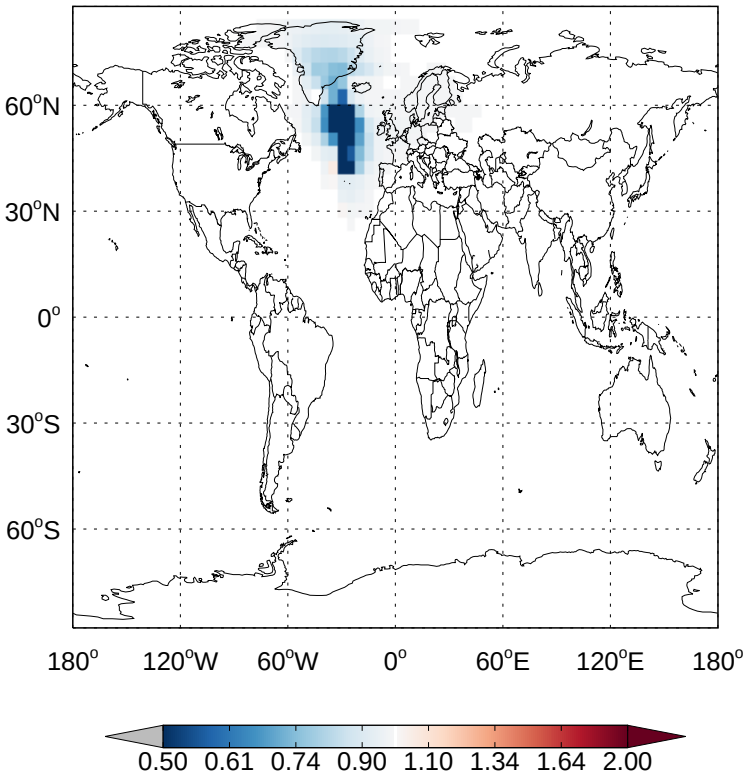
NO2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

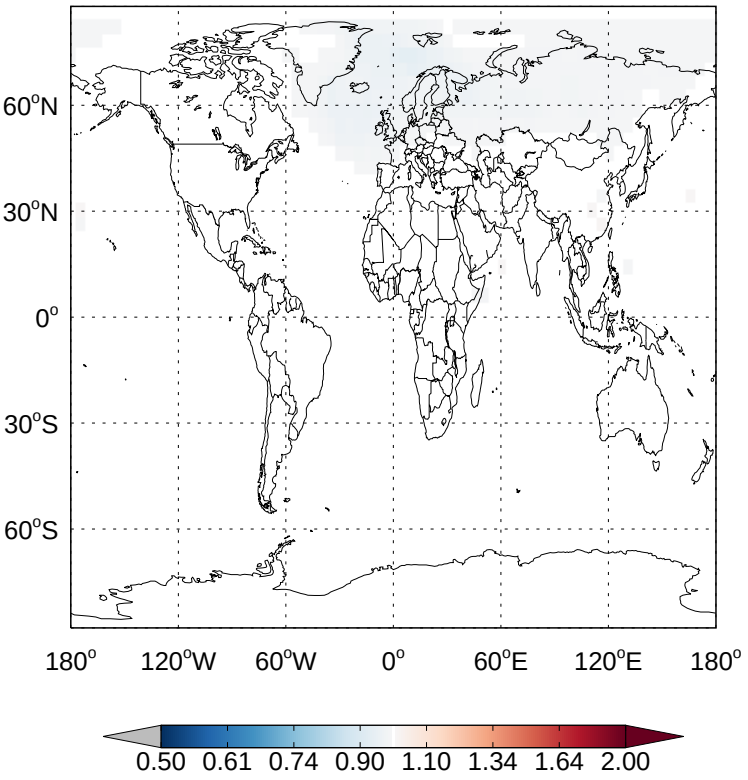
v11-01-public-Run0 / v11-01k-Run0

NO3 / Ratio @ Surface for Oct



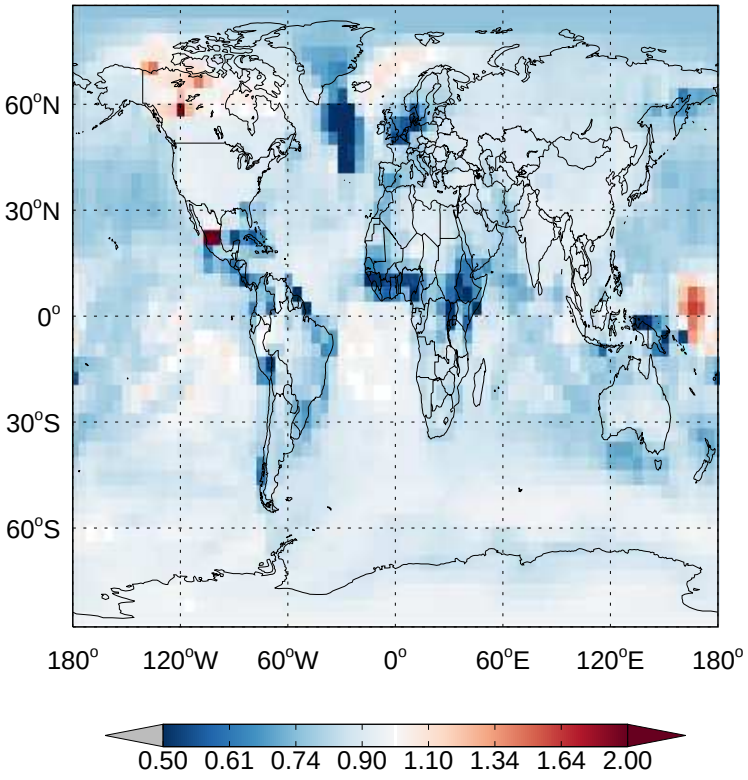
v11-01-public-Run0 / v11-01k-Run0

NO3/ Ratio @ 500 hPa for Oct



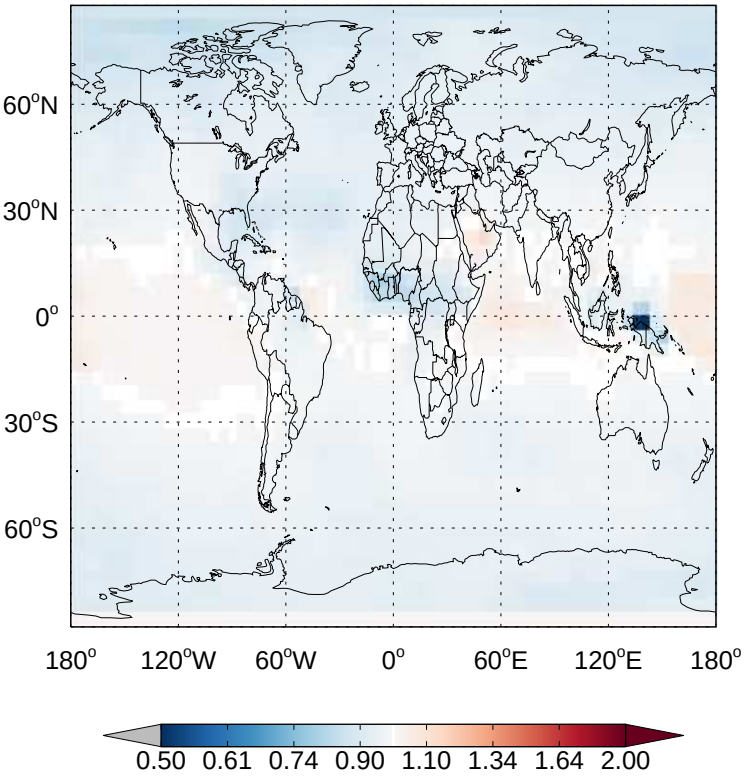
v11-01-public-Run0 / v11-01g-Run0

NO3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

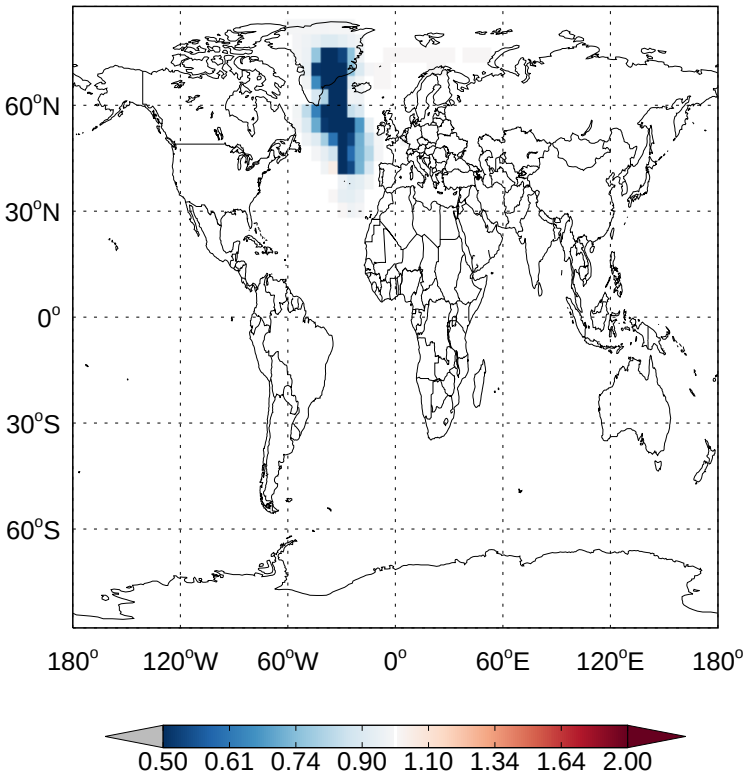
NO3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

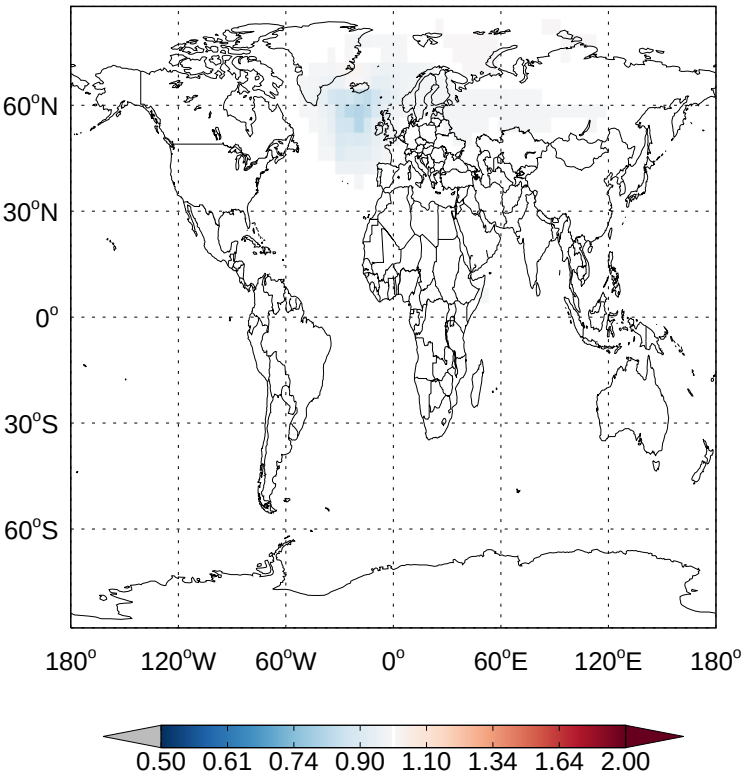
v11-01-public-Run0 / v11-01k-Run0

HNO2 / Ratio @ Surface for Oct



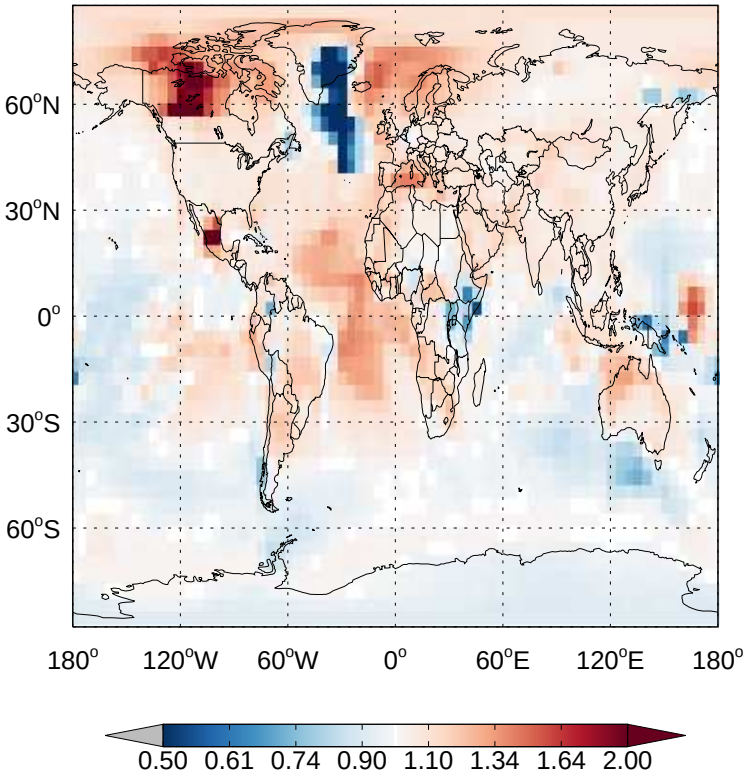
v11-01-public-Run0 / v11-01k-Run0

HNO2/ Ratio @ 500 hPa for Oct



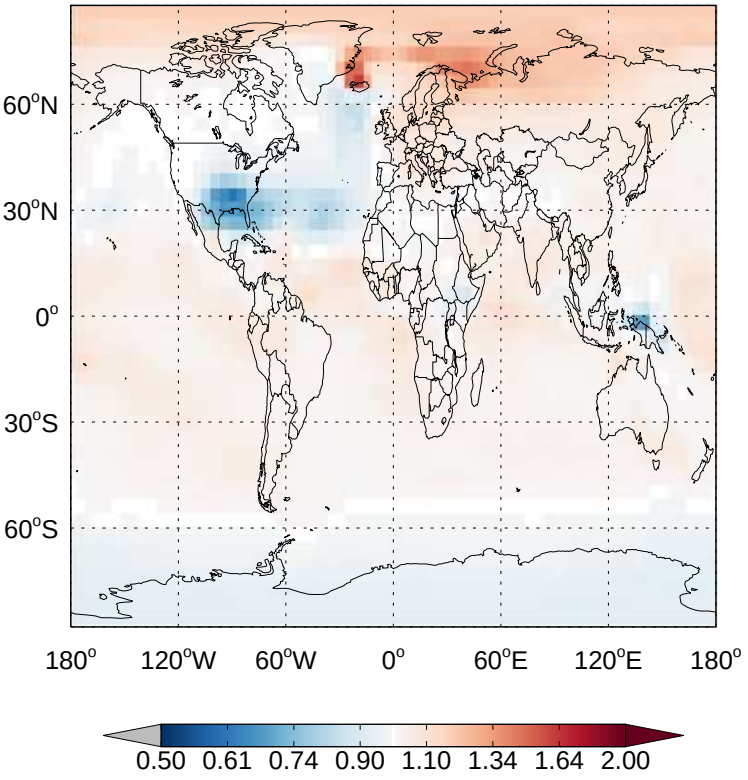
v11-01-public-Run0 / v11-01g-Run0

HNO2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

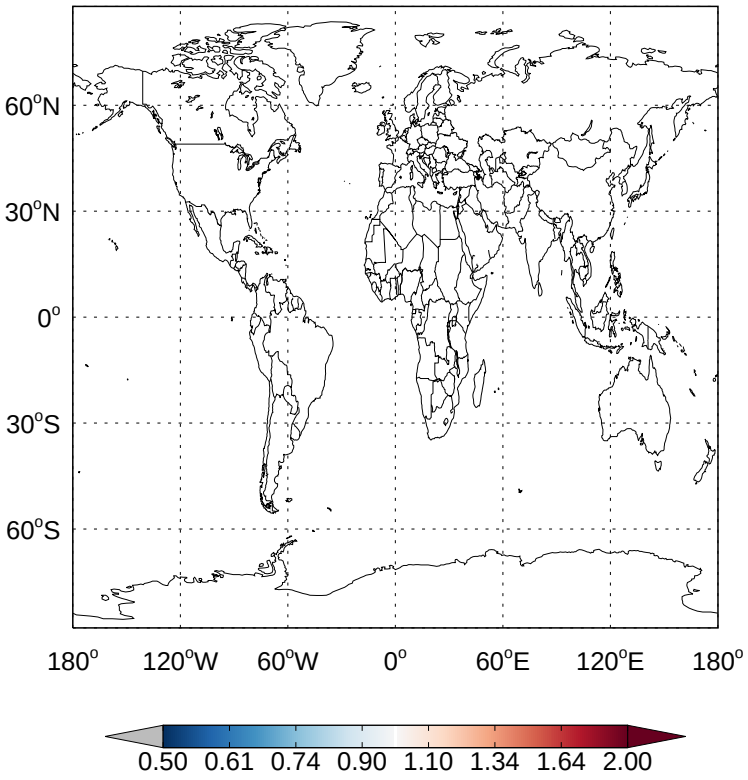
HNO2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

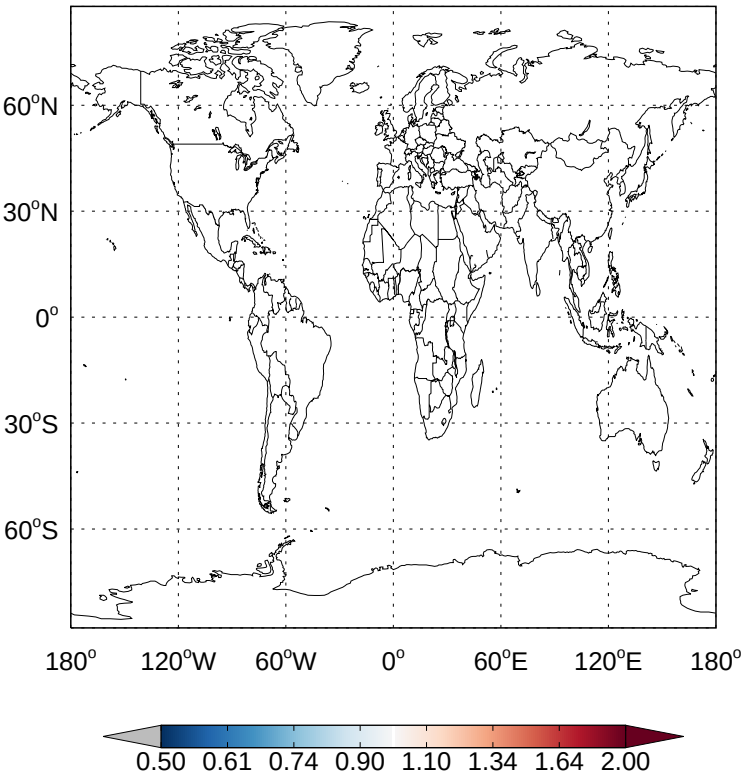
v11-01-public-Run0 / v11-01k-Run0

N2O / Ratio @ Surface for Oct



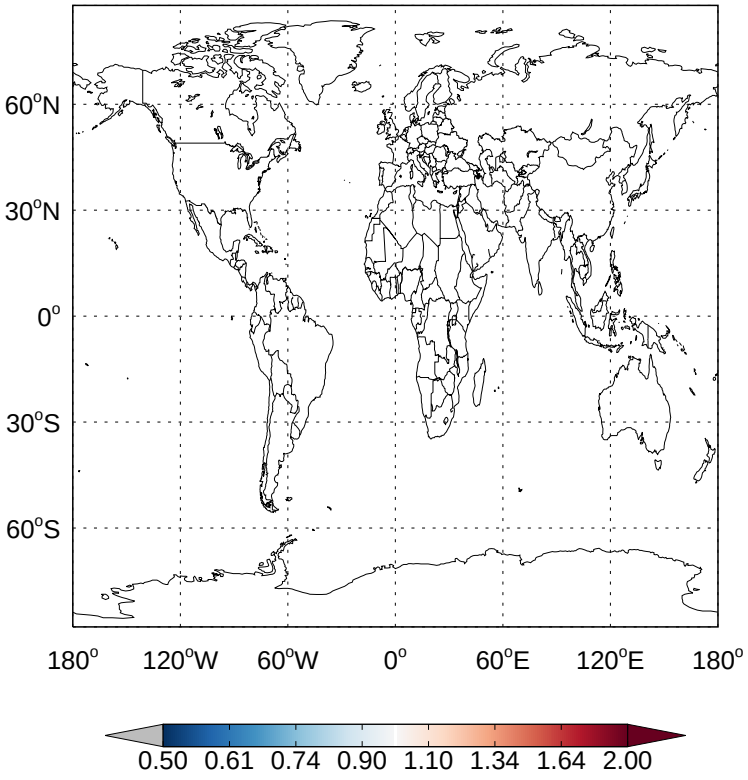
v11-01-public-Run0 / v11-01k-Run0

N2O/ Ratio @ 500 hPa for Oct



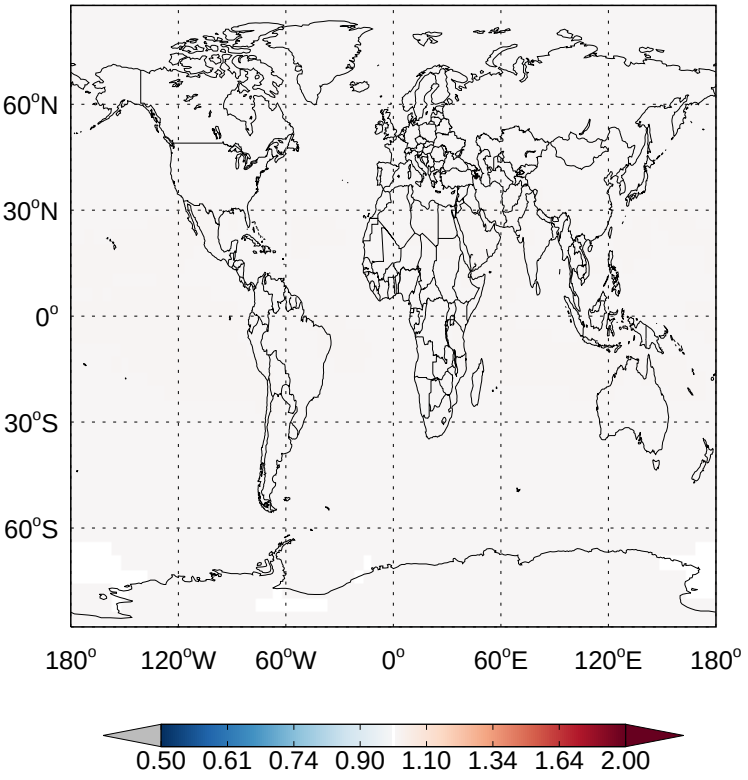
v11-01-public-Run0 / v11-01g-Run0

N2O / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

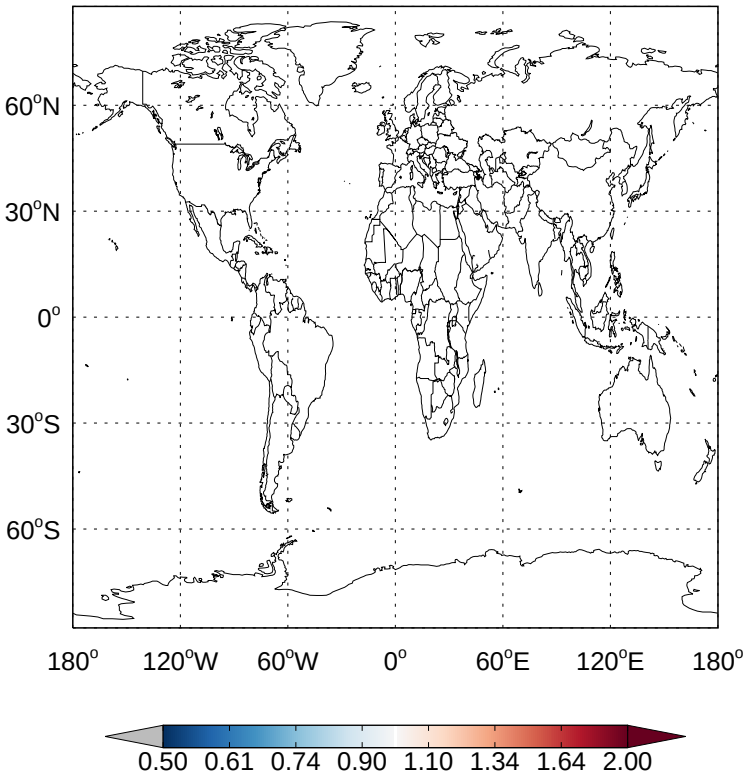
N2O/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

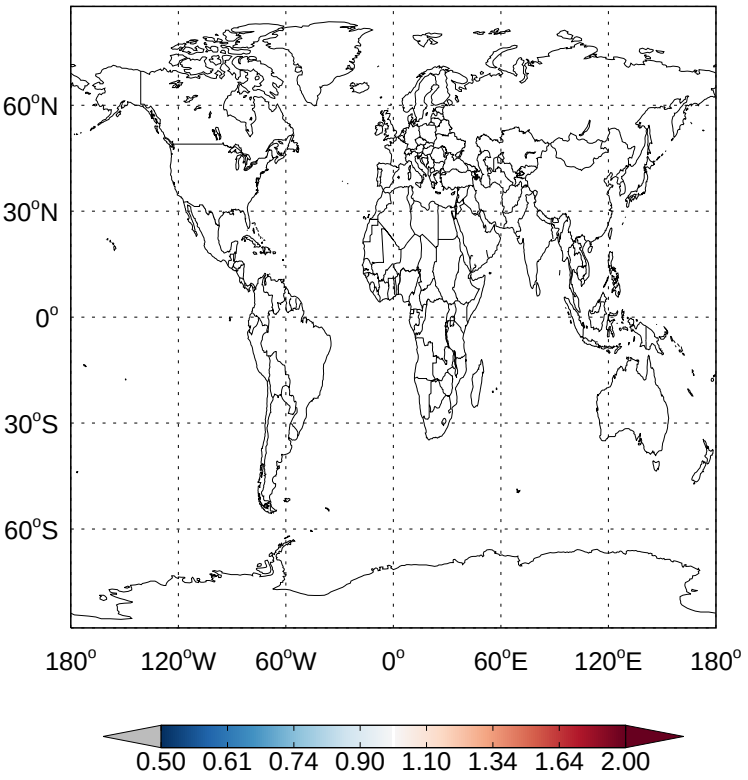
v11-01-public-Run0 / v11-01k-Run0

OCS / Ratio @ Surface for Oct



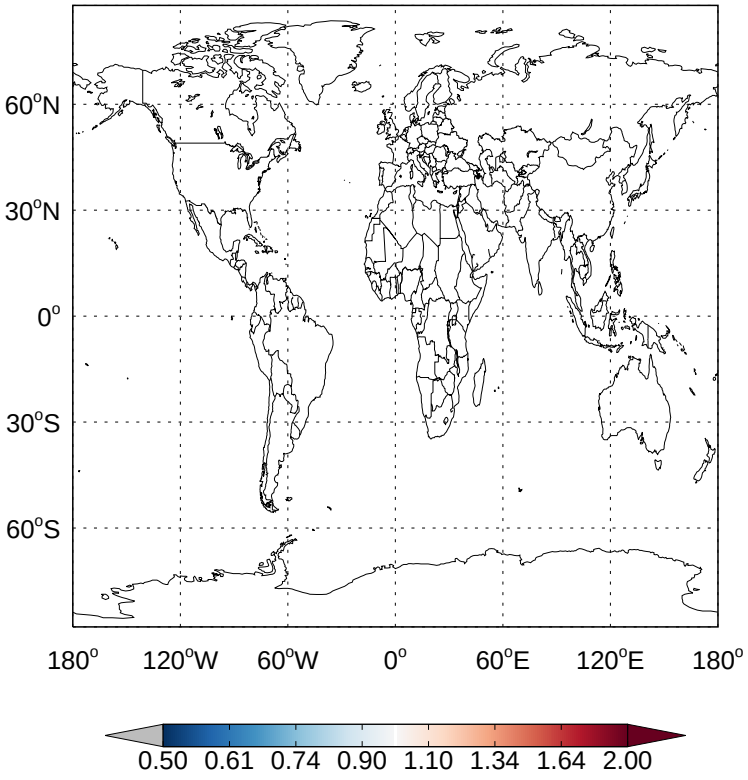
v11-01-public-Run0 / v11-01k-Run0

OCS/ Ratio @ 500 hPa for Oct



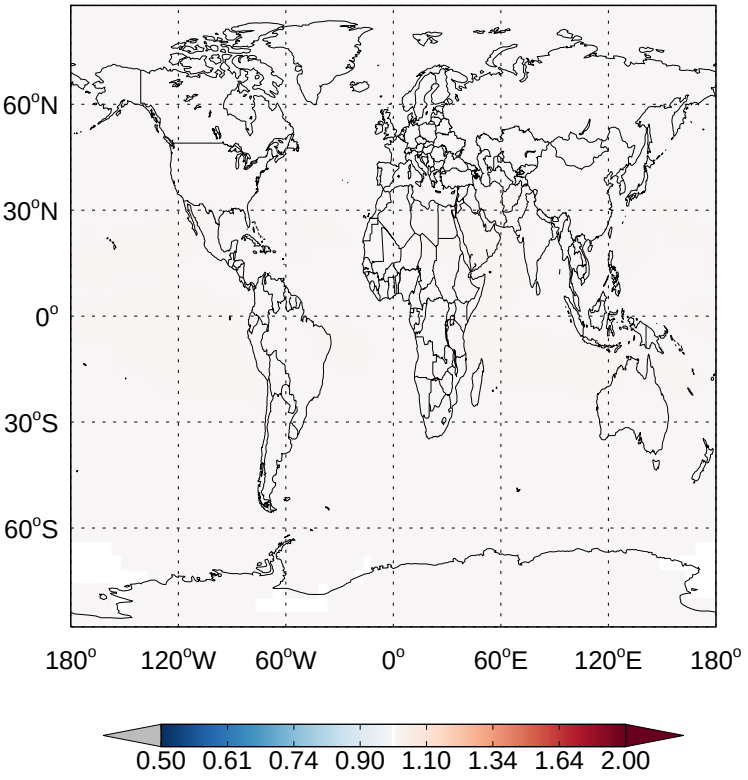
v11-01-public-Run0 / v11-01g-Run0

OCS / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

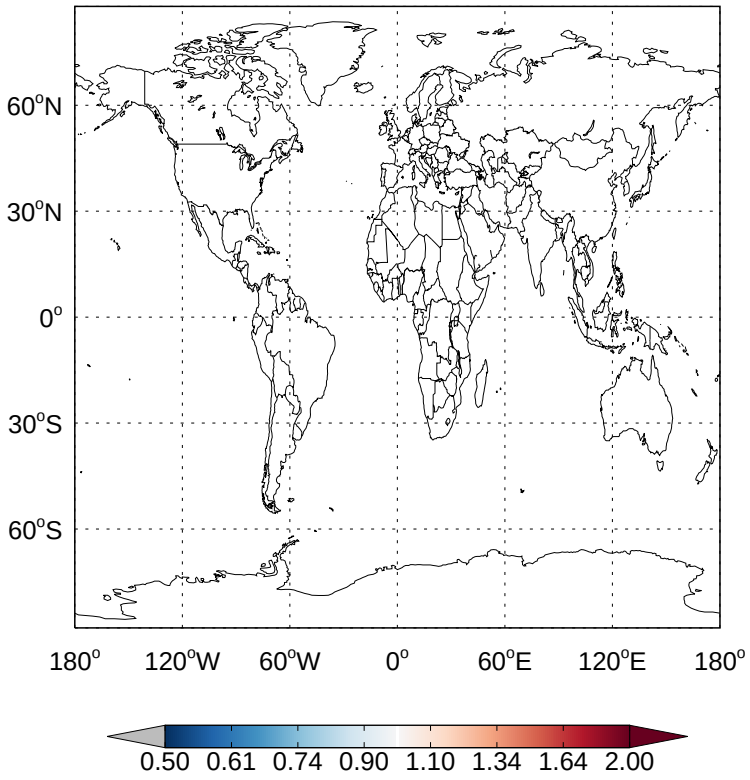
OCS/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

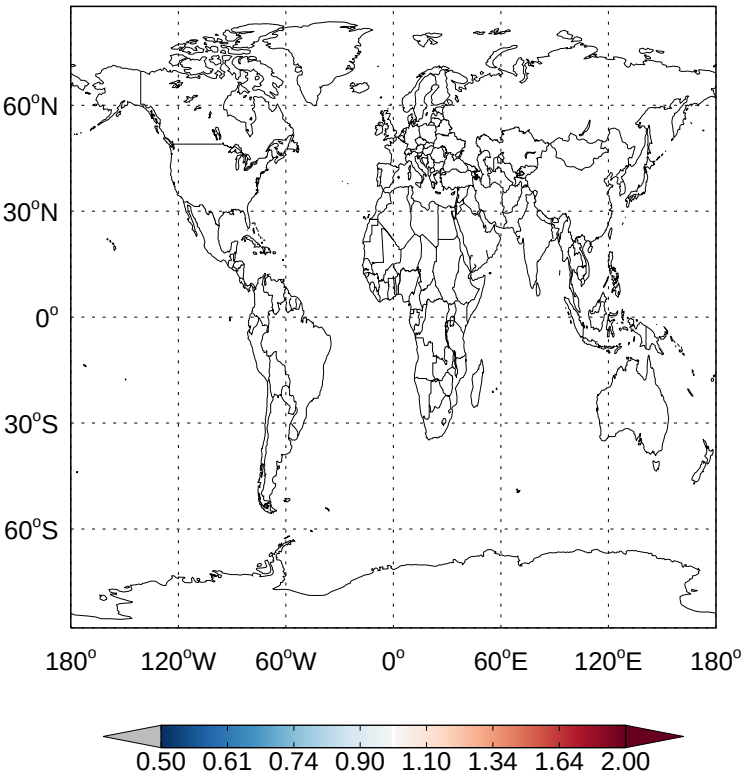
v11-01-public-Run0 / v11-01k-Run0

CH4 / Ratio @ Surface for Oct



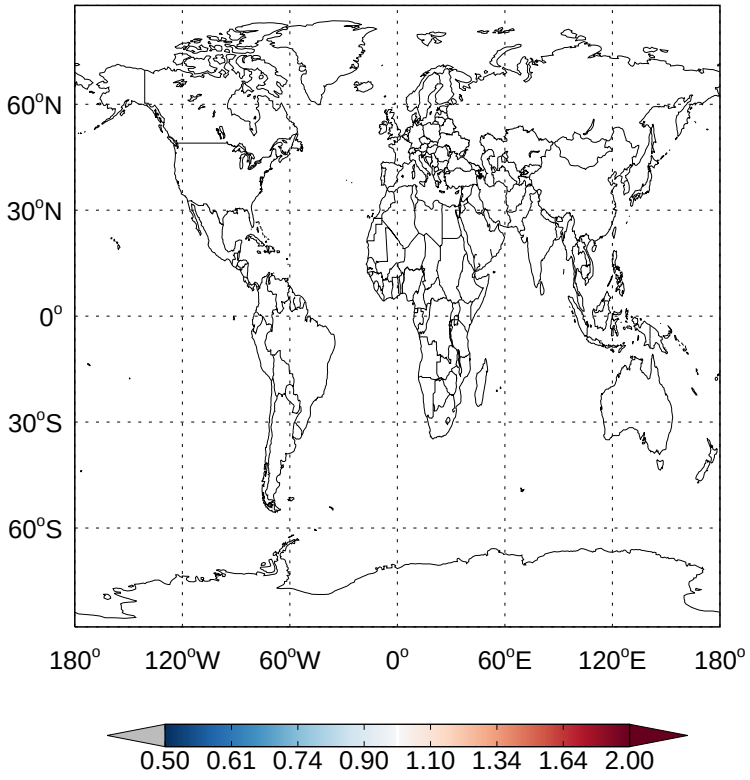
v11-01-public-Run0 / v11-01k-Run0

CH4/ Ratio @ 500 hPa for Oct



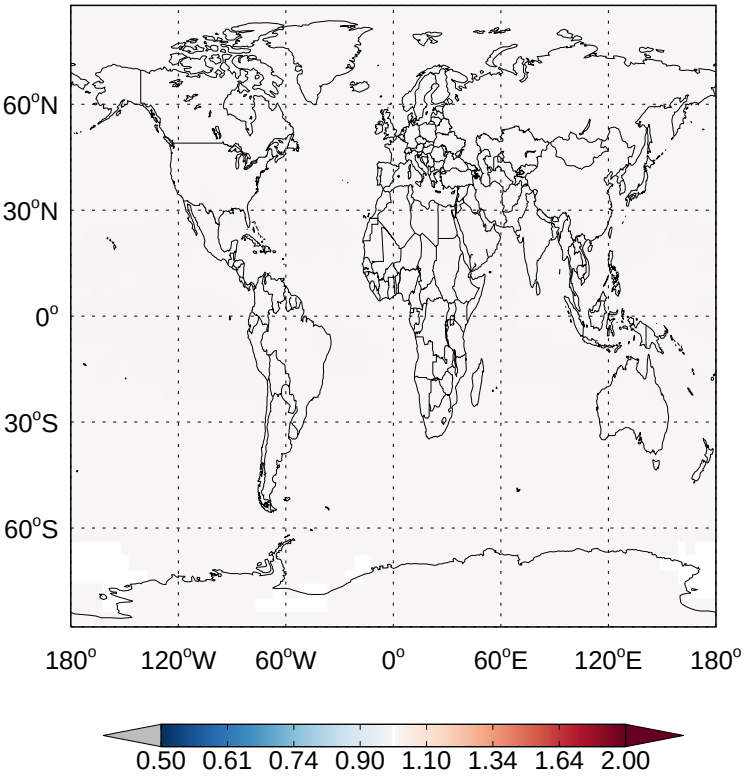
v11-01-public-Run0 / v11-01g-Run0

CH4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

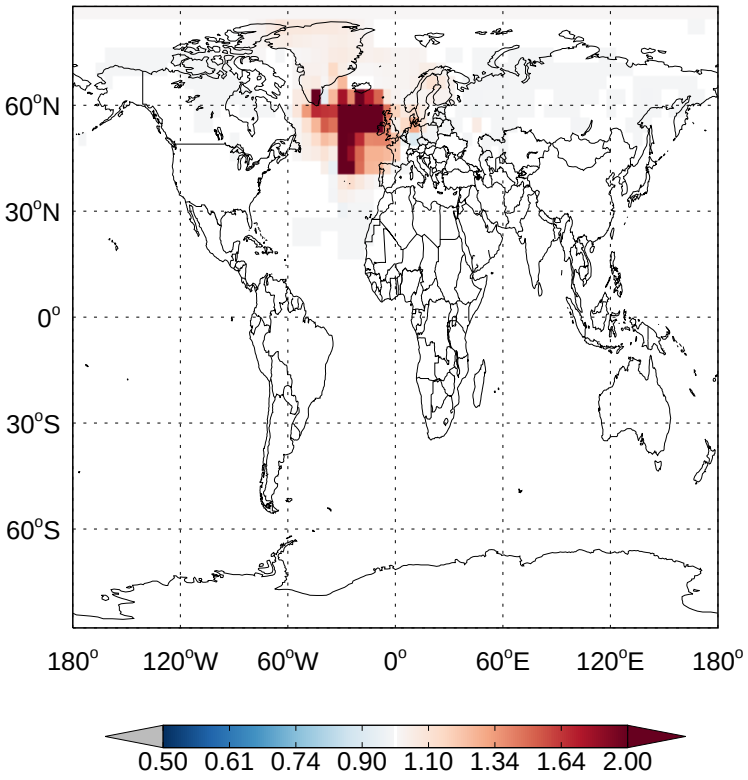
CH4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

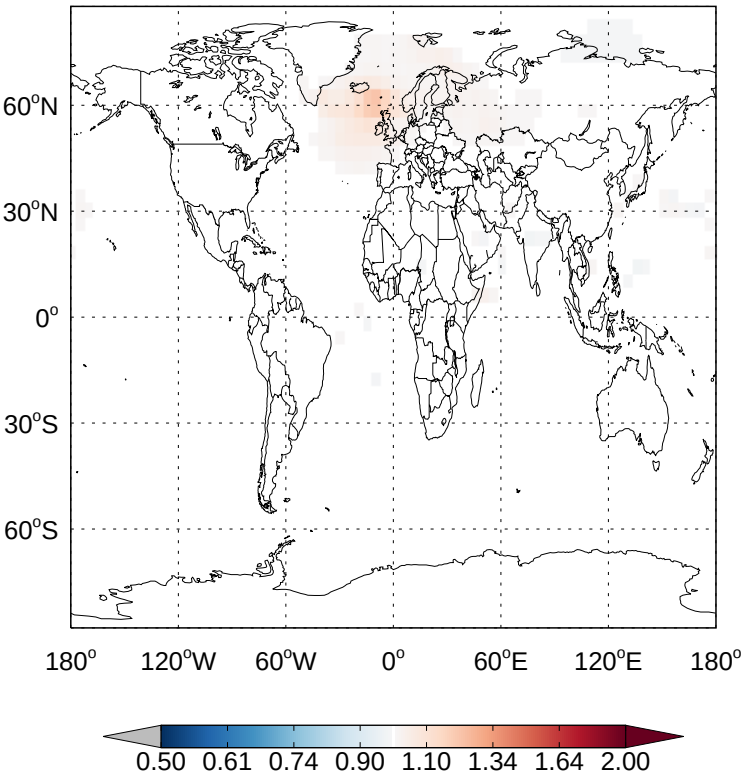
v11-01-public-Run0 / v11-01k-Run0

BrCl / Ratio @ Surface for Oct



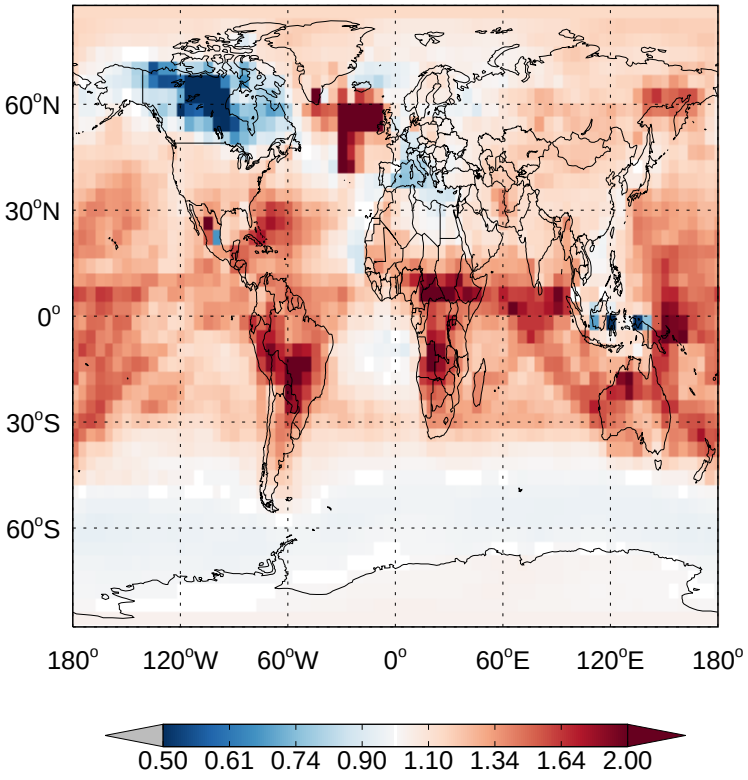
v11-01-public-Run0 / v11-01k-Run0

BrCl/ Ratio @ 500 hPa for Oct



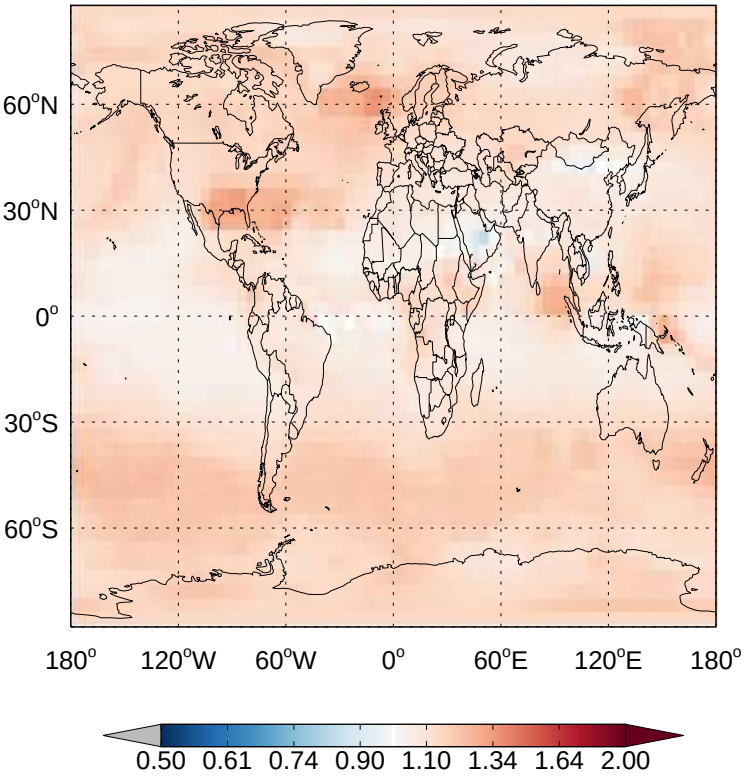
v11-01-public-Run0 / v11-01g-Run0

BrCl / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

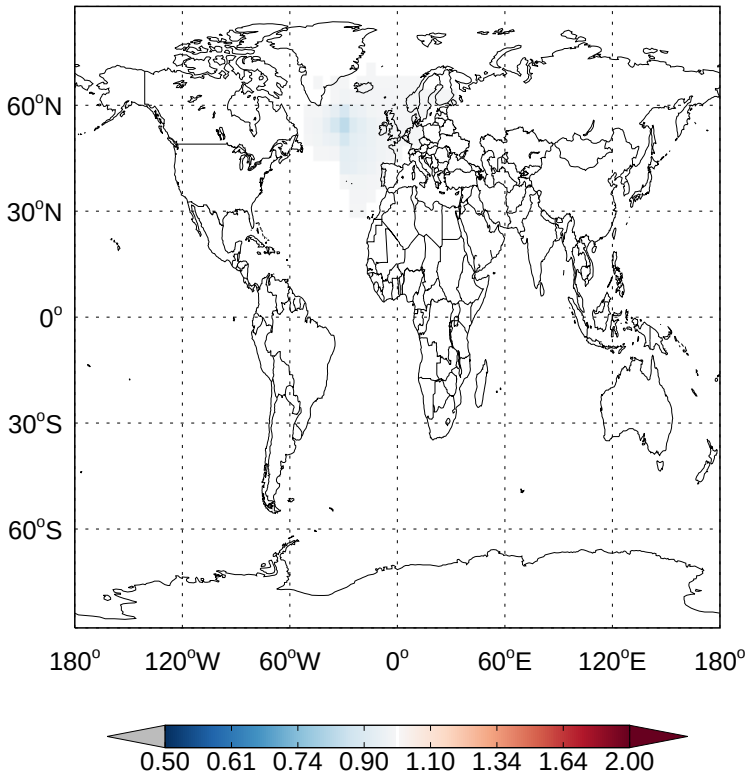
BrCl/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

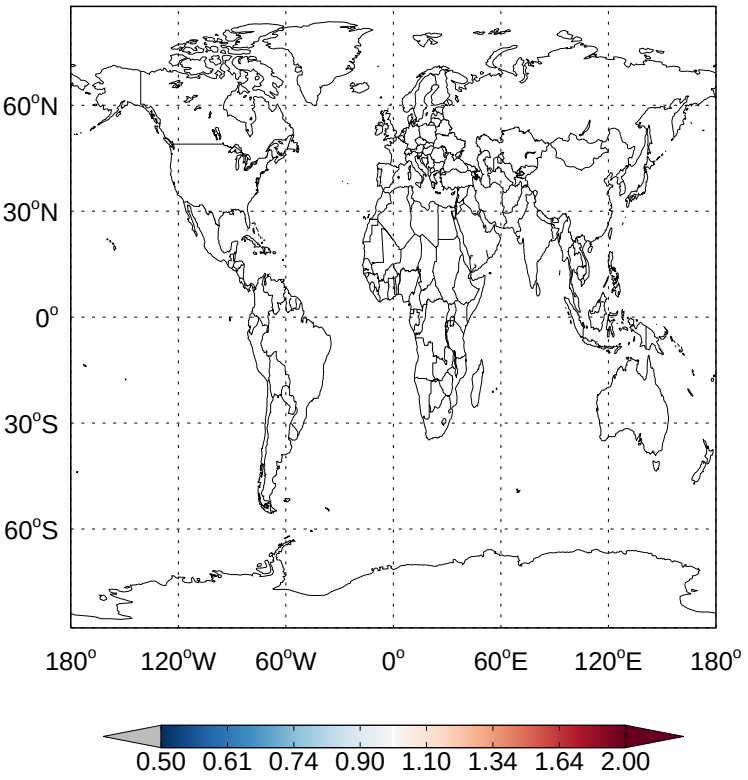
v11-01-public-Run0 / v11-01k-Run0

HCl / Ratio @ Surface for Oct



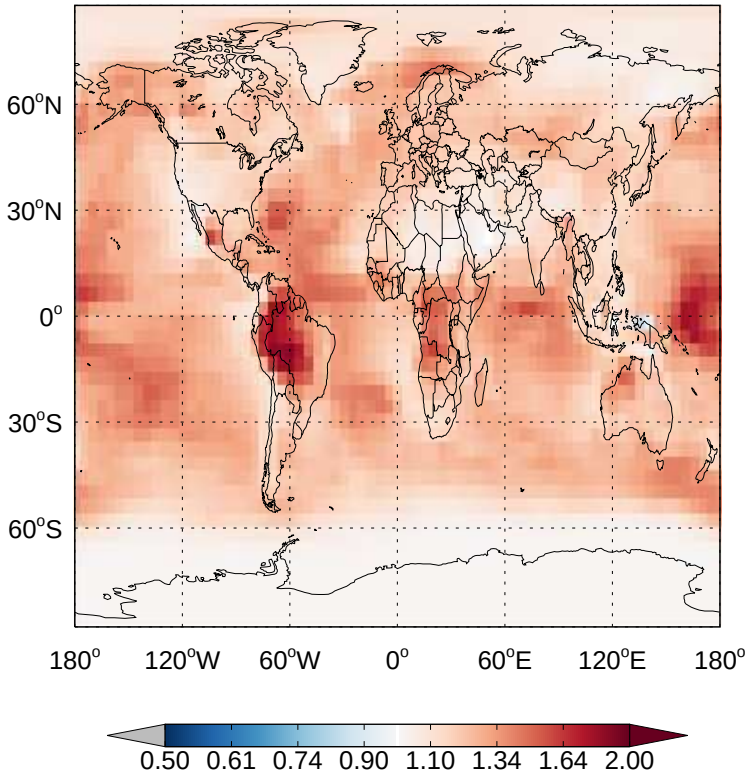
v11-01-public-Run0 / v11-01k-Run0

HCl/ Ratio @ 500 hPa for Oct



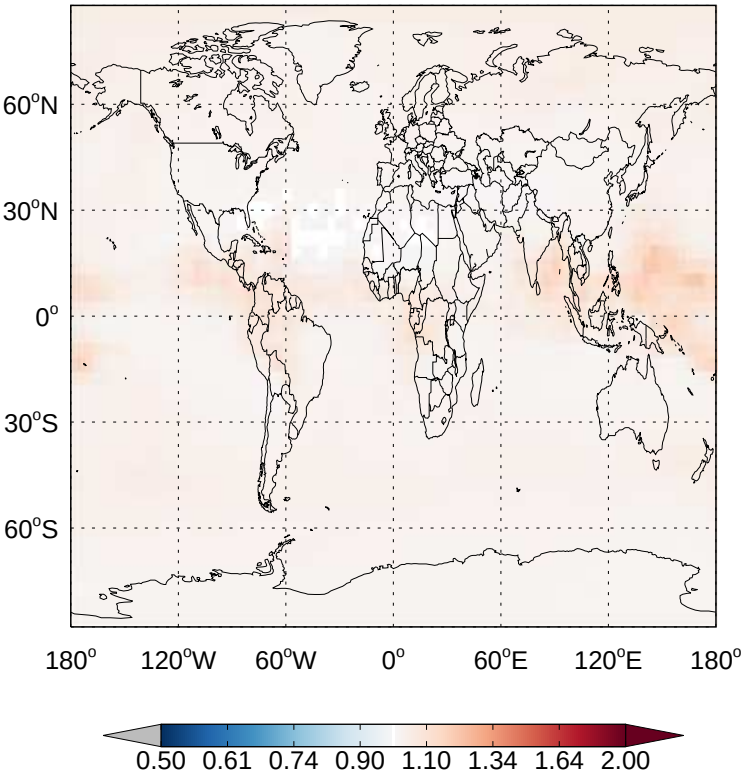
v11-01-public-Run0 / v11-01g-Run0

HCl / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

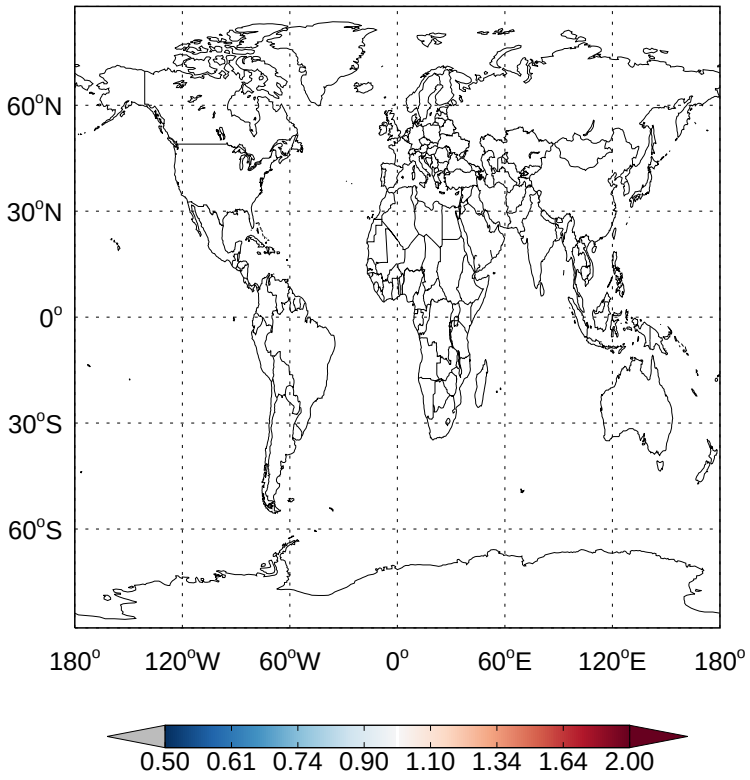
HCl/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

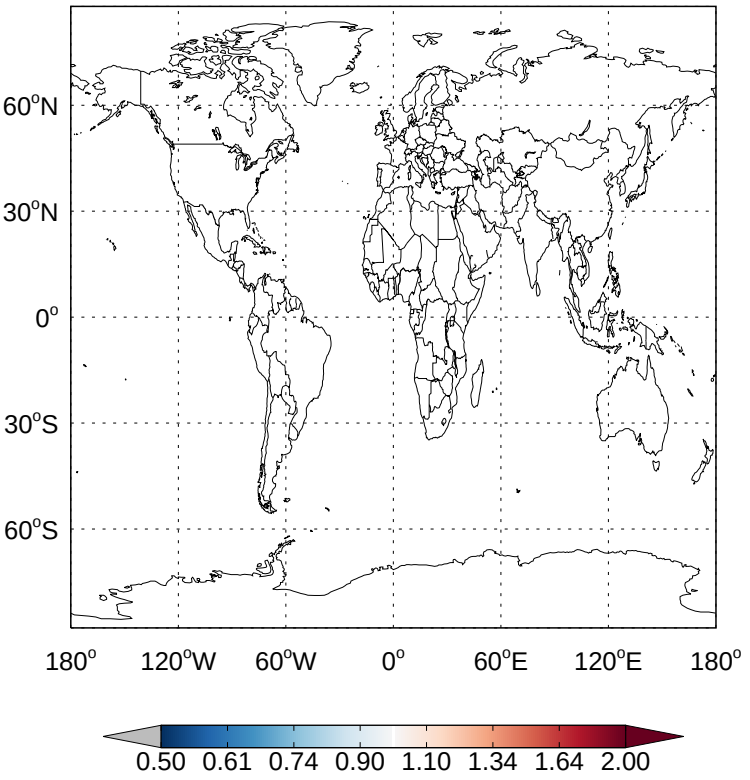
v11-01-public-Run0 / v11-01k-Run0

CCl4 / Ratio @ Surface for Oct



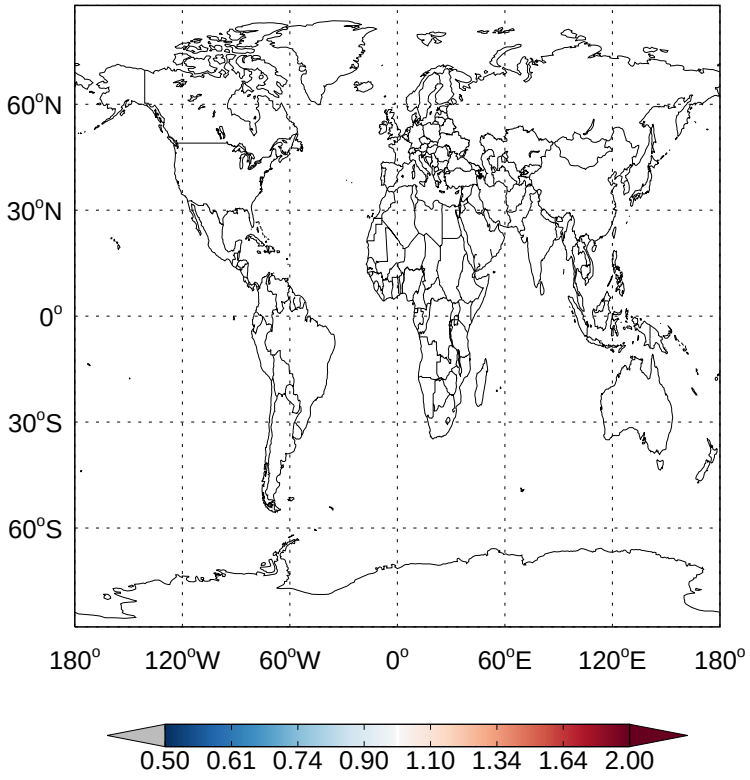
v11-01-public-Run0 / v11-01k-Run0

CCl4/ Ratio @ 500 hPa for Oct



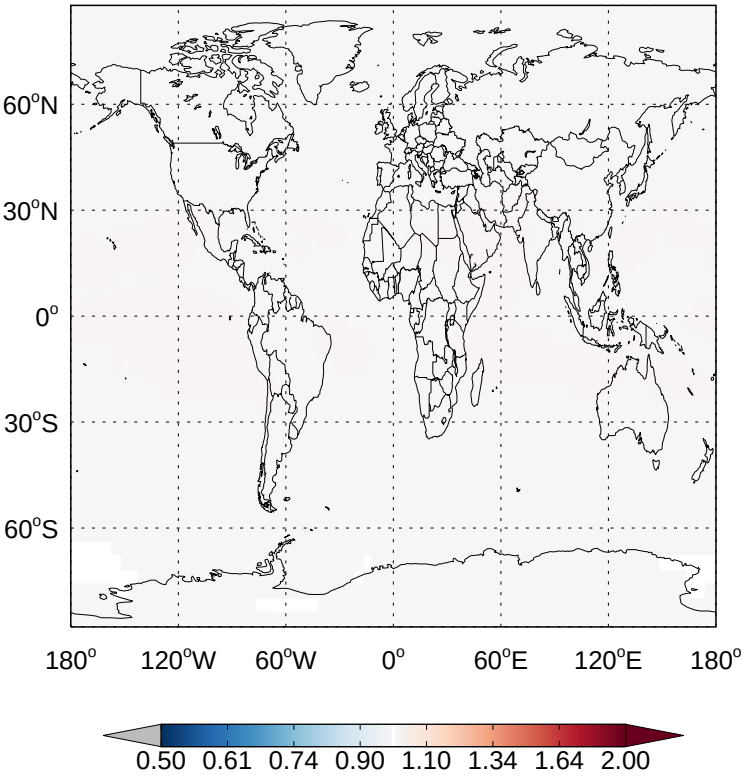
v11-01-public-Run0 / v11-01g-Run0

CCl4 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

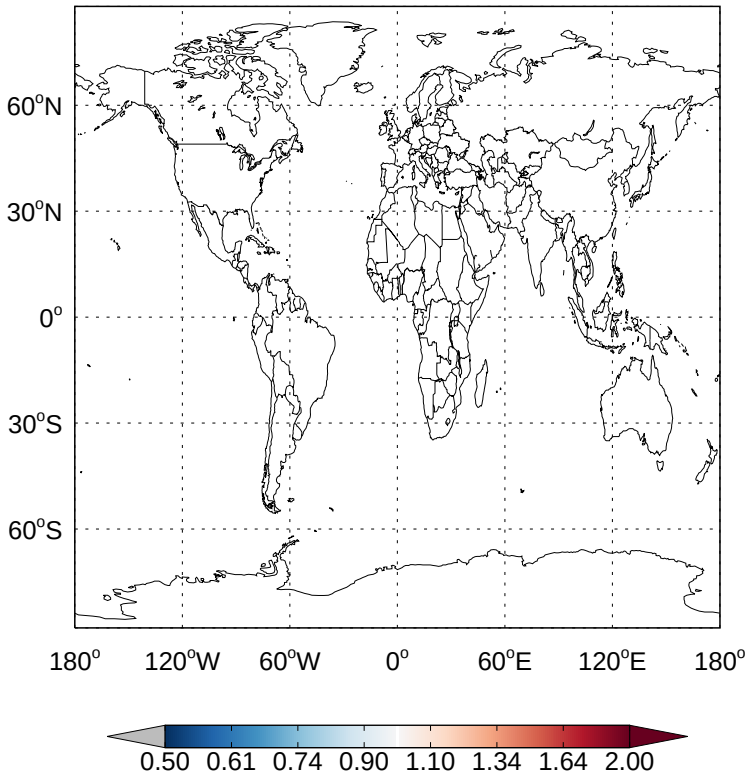
CCl4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

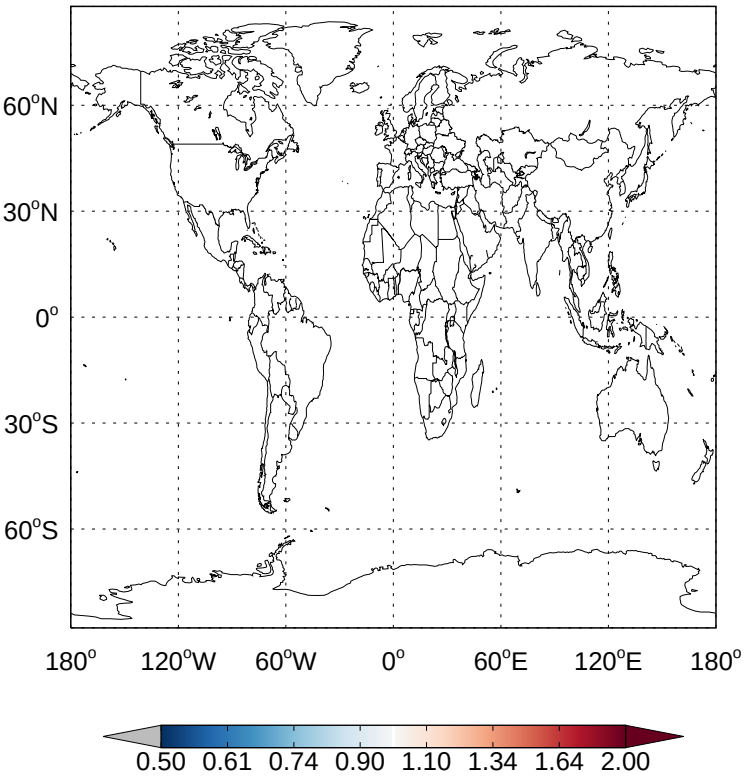
v11-01-public-Run0 / v11-01k-Run0

CH3Cl / Ratio @ Surface for Oct



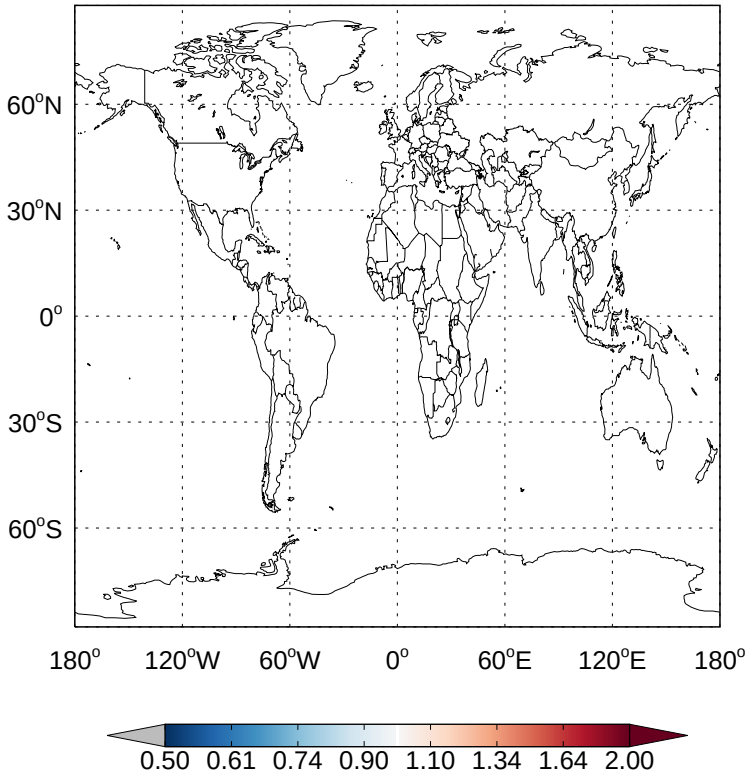
v11-01-public-Run0 / v11-01k-Run0

CH3Cl/ Ratio @ 500 hPa for Oct



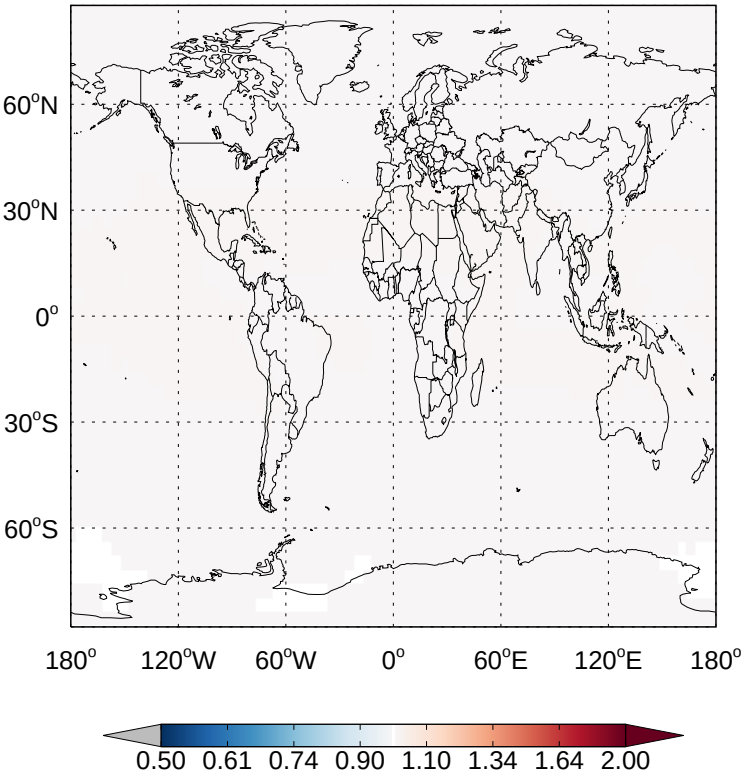
v11-01-public-Run0 / v11-01g-Run0

CH3Cl / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

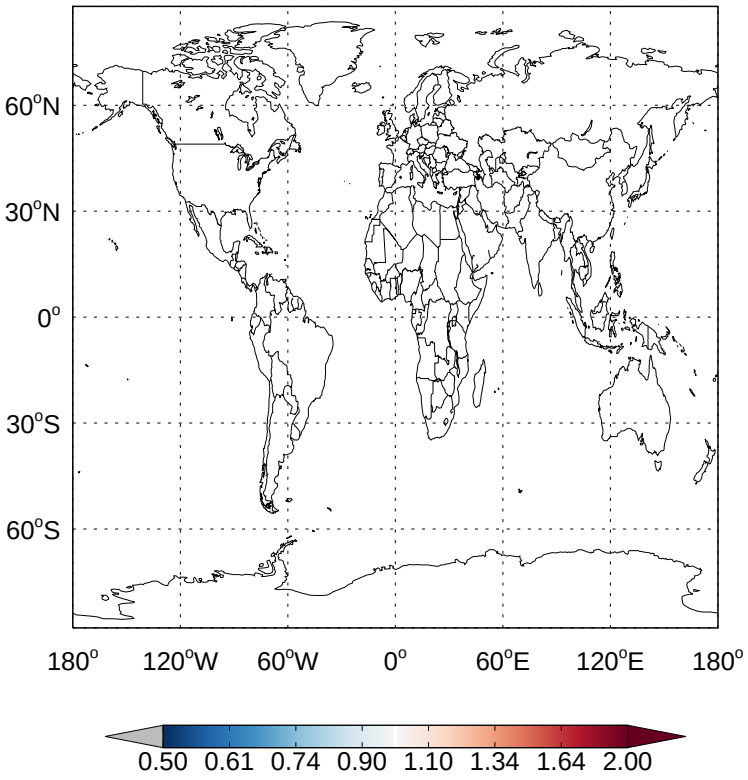
CH3Cl/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

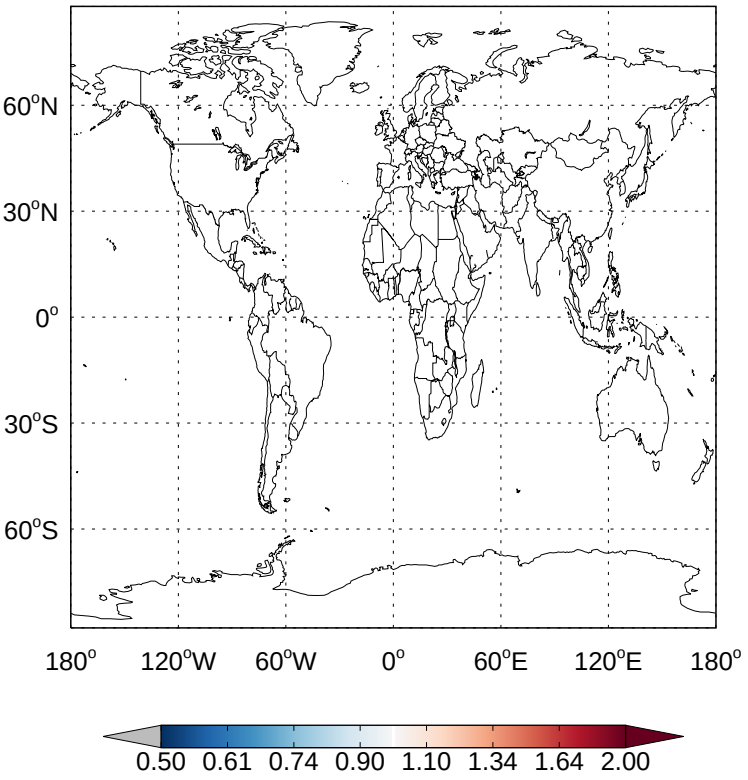
v11-01-public-Run0 / v11-01k-Run0

CH3CCl3 / Ratio @ Surface for Oct



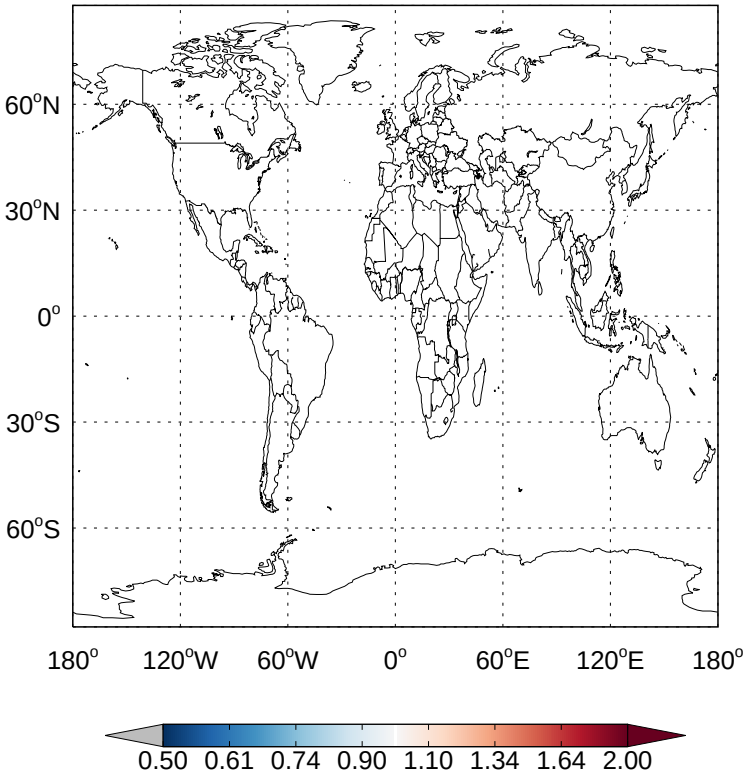
v11-01-public-Run0 / v11-01k-Run0

CH3CCl3/ Ratio @ 500 hPa for Oct



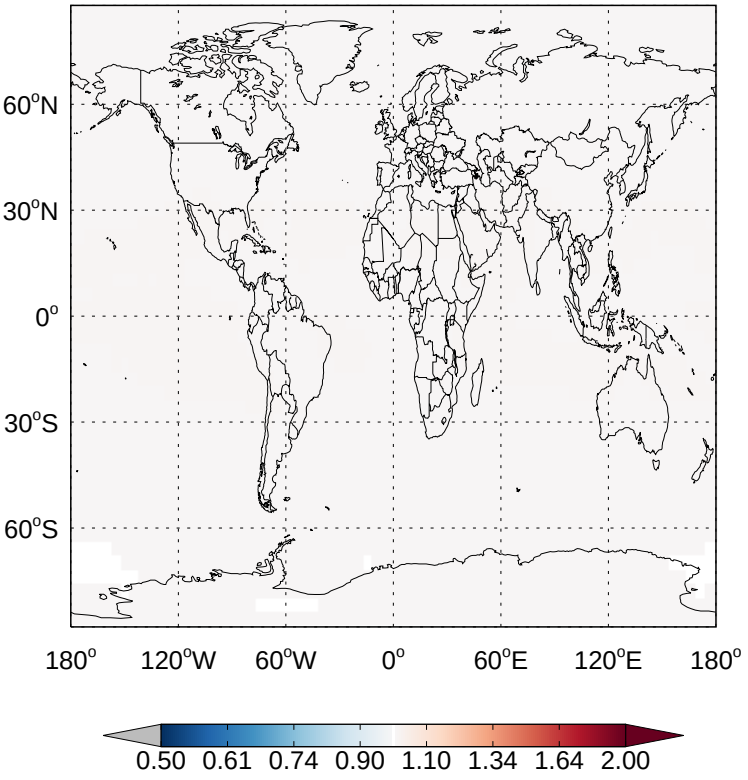
v11-01-public-Run0 / v11-01g-Run0

CH3CCl3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

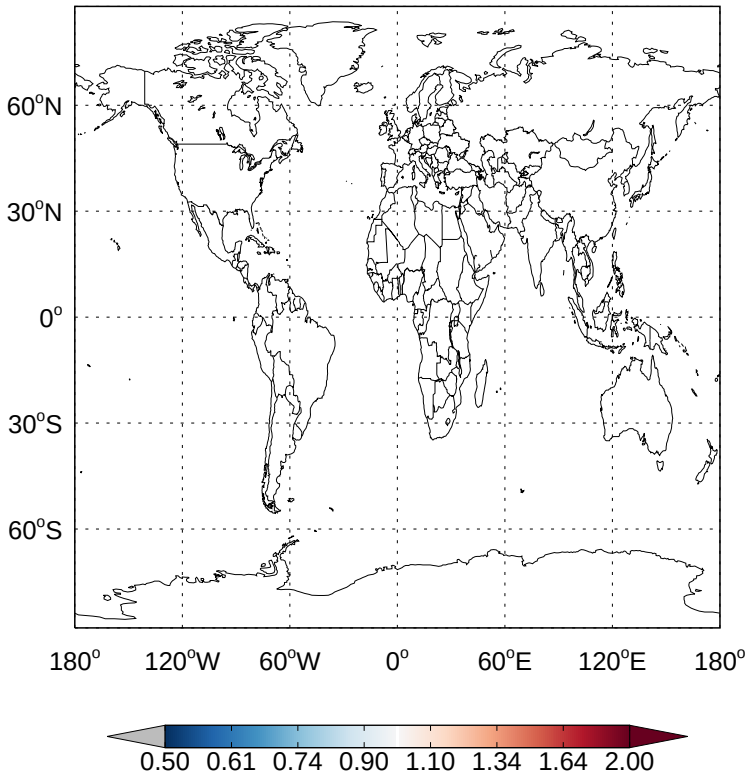
CH3CCl3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

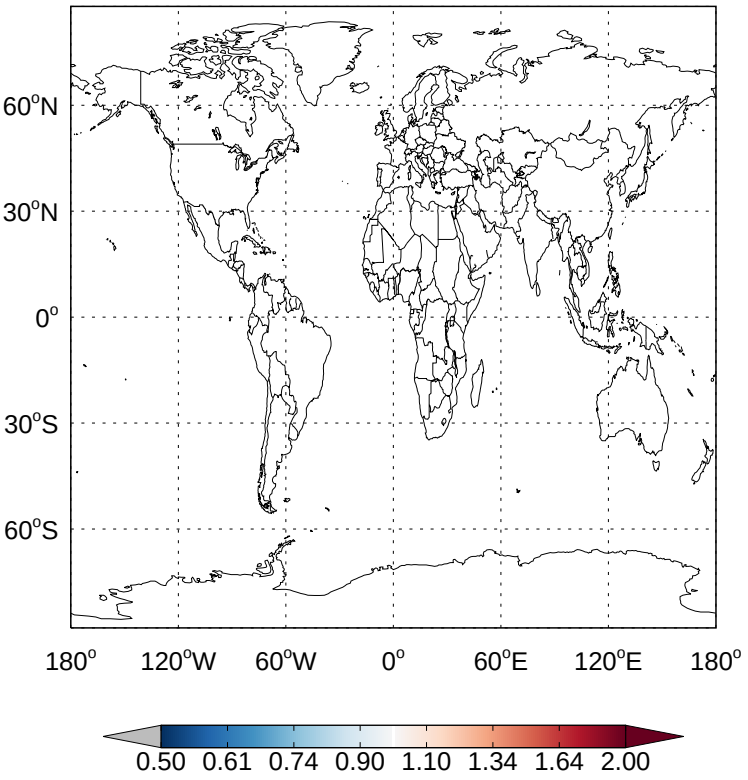
v11-01-public-Run0 / v11-01k-Run0

CFC113 / Ratio @ Surface for Oct



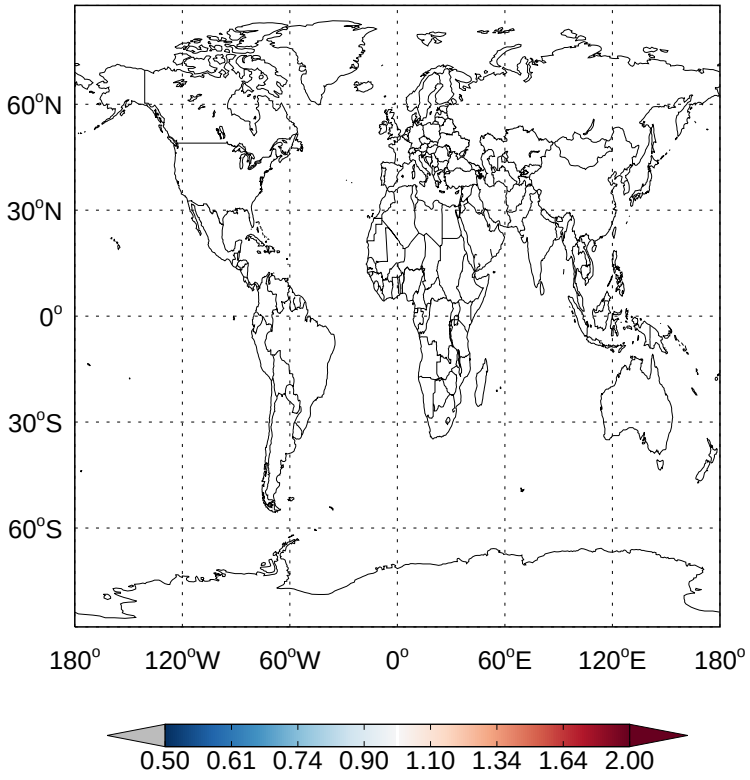
v11-01-public-Run0 / v11-01k-Run0

CFC113/ Ratio @ 500 hPa for Oct



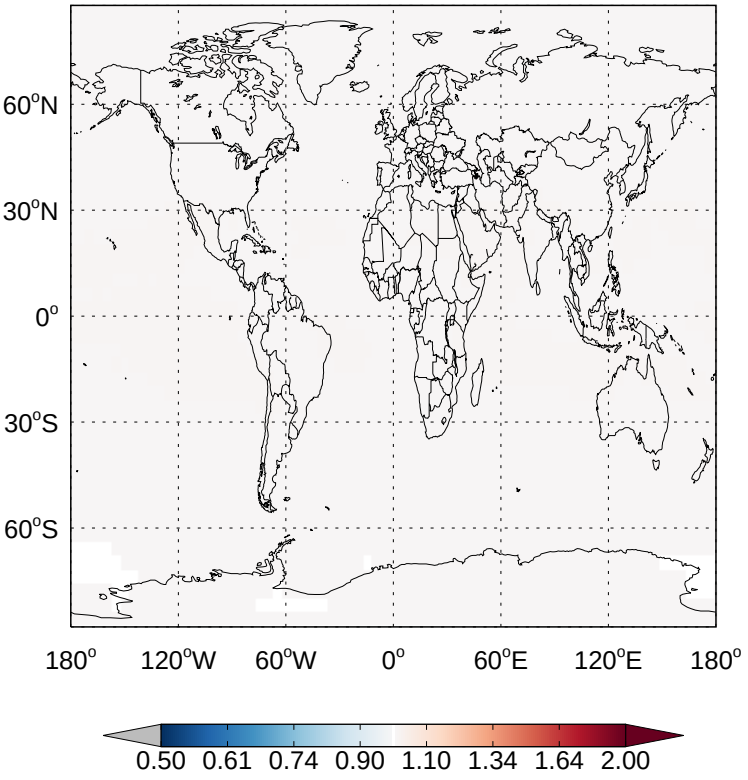
v11-01-public-Run0 / v11-01g-Run0

CFC113 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

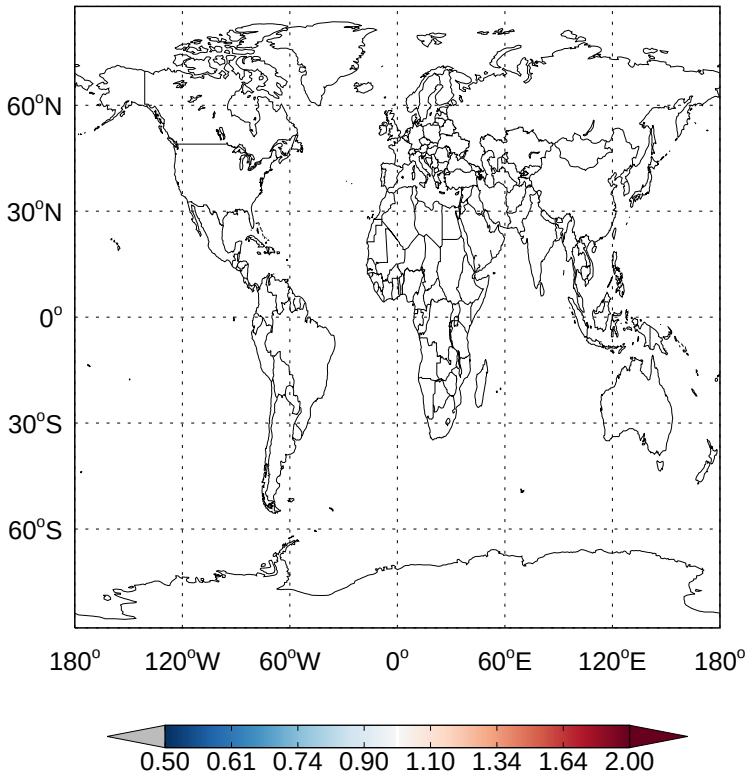
CFC113/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

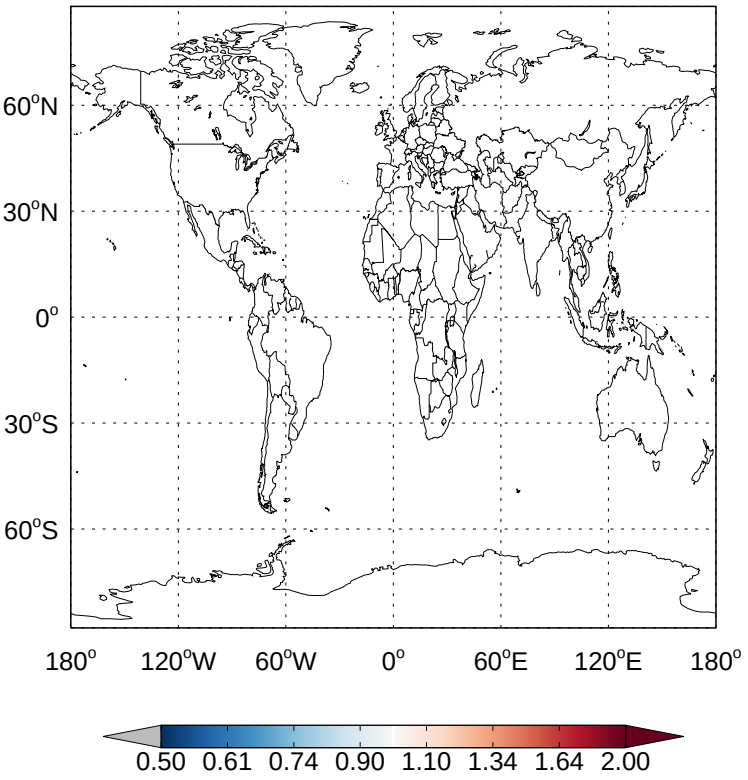
v11-01-public-Run0 / v11-01k-Run0

CFC114 / Ratio @ Surface for Oct



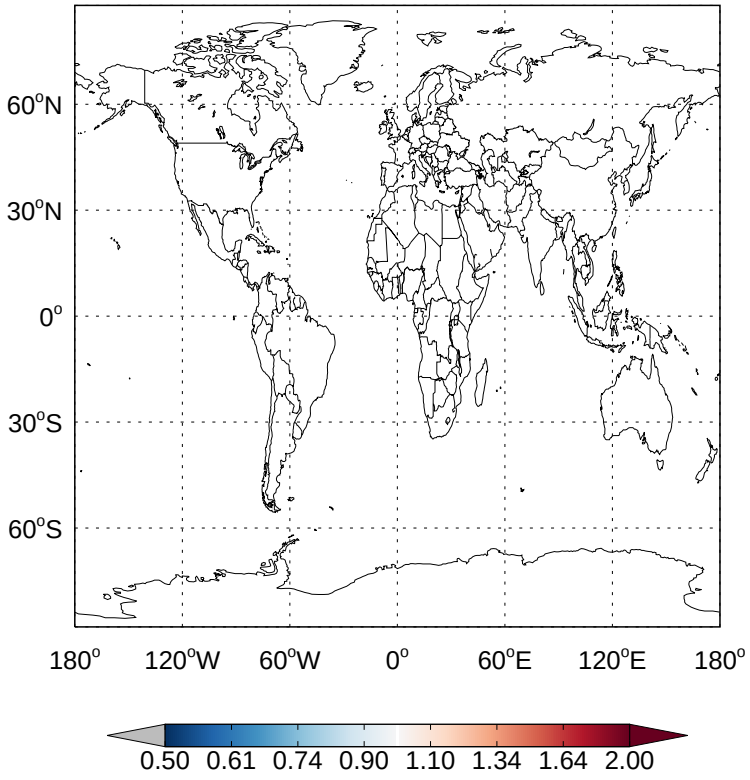
v11-01-public-Run0 / v11-01k-Run0

CFC114/ Ratio @ 500 hPa for Oct



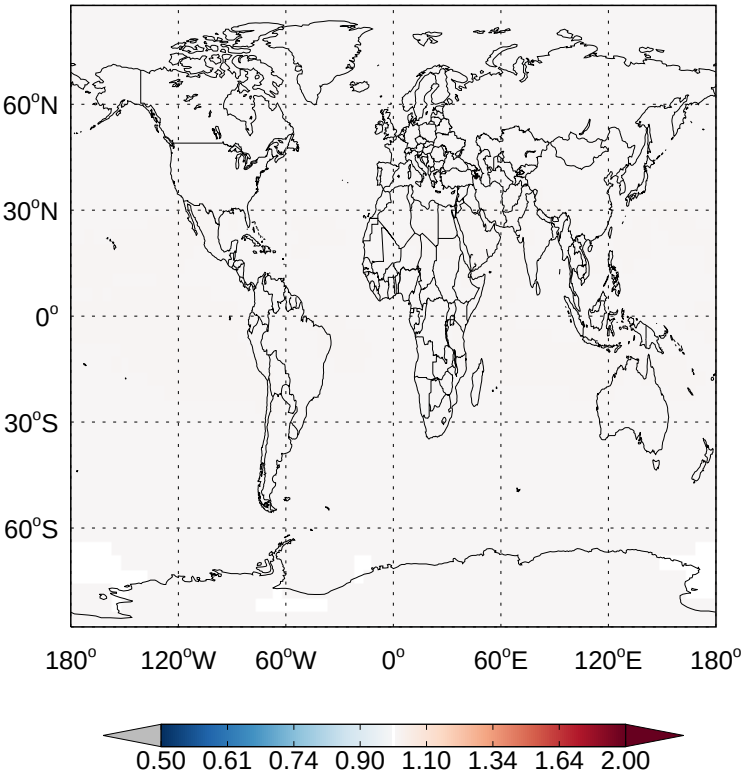
v11-01-public-Run0 / v11-01g-Run0

CFC114 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

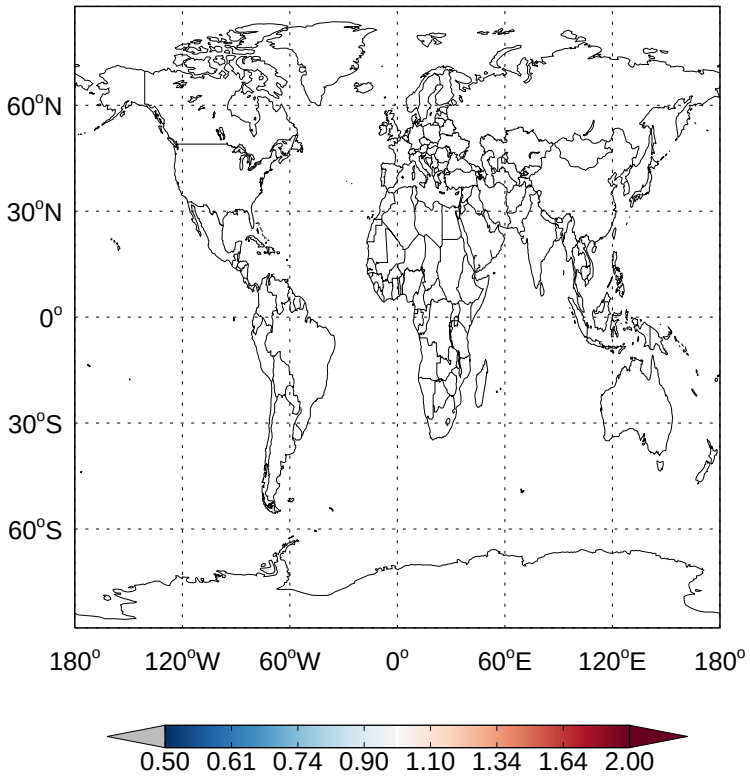
CFC114/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

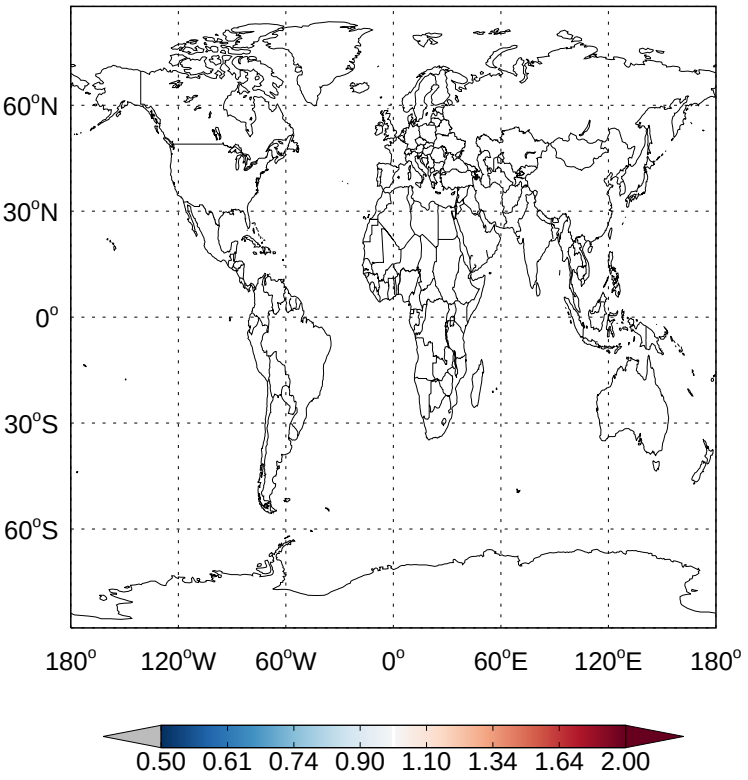
v11-01-public-Run0 / v11-01k-Run0

CFC115 / Ratio @ Surface for Oct



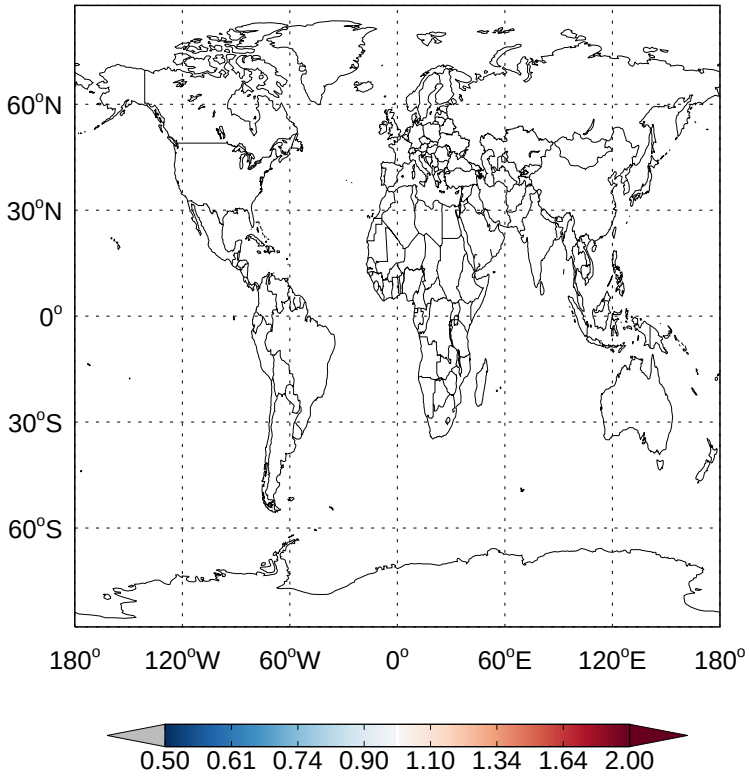
v11-01-public-Run0 / v11-01k-Run0

CFC115/ Ratio @ 500 hPa for Oct



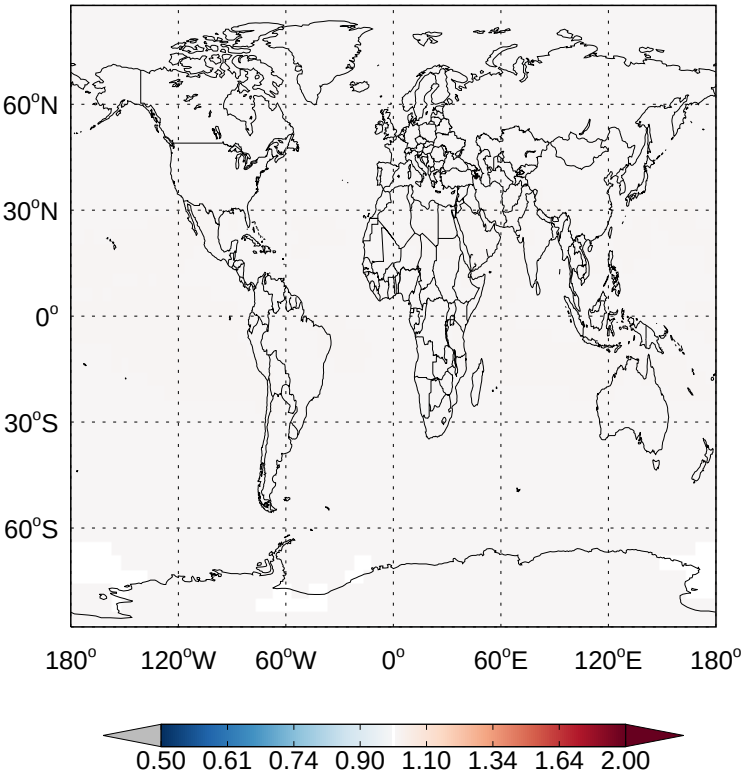
v11-01-public-Run0 / v11-01g-Run0

CFC115 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

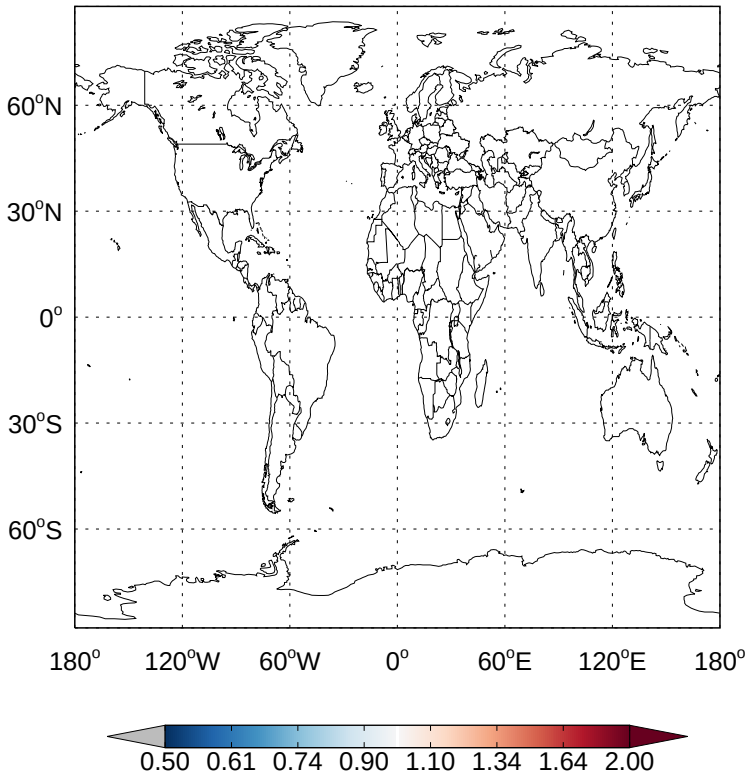
CFC115/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

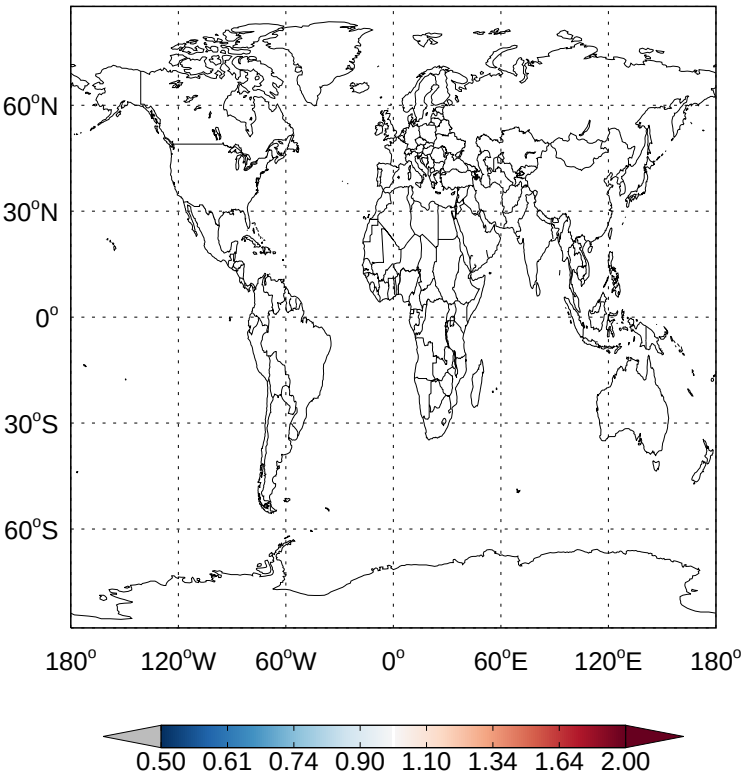
v11-01-public-Run0 / v11-01k-Run0

HCFC123 / Ratio @ Surface for Oct



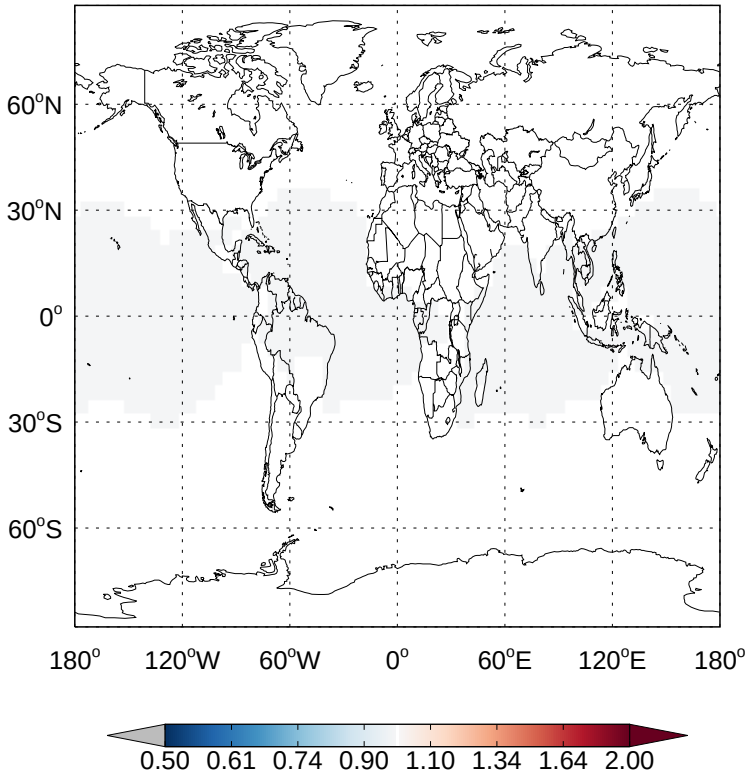
v11-01-public-Run0 / v11-01k-Run0

HCFC123/ Ratio @ 500 hPa for Oct



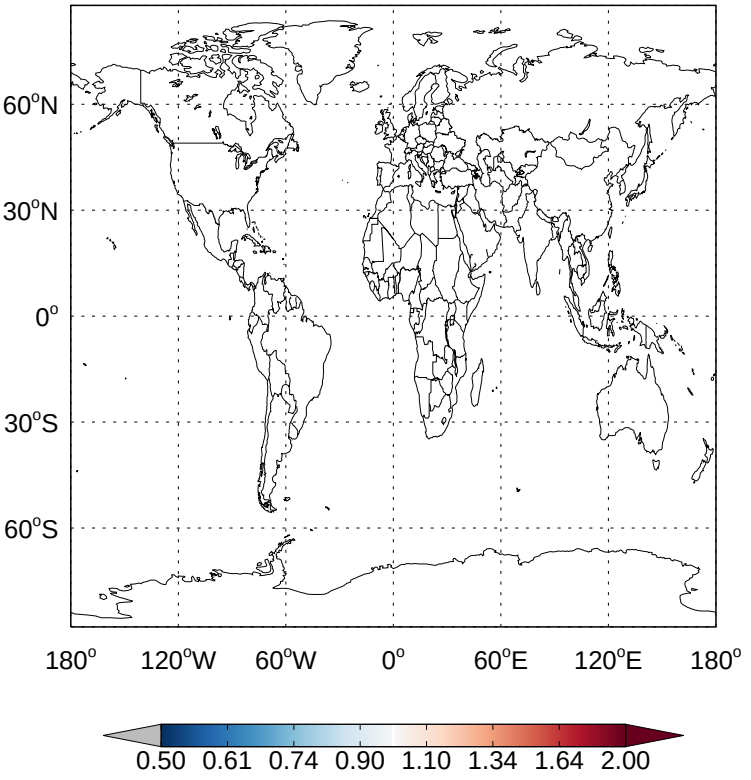
v11-01-public-Run0 / v11-01g-Run0

HCFC123 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

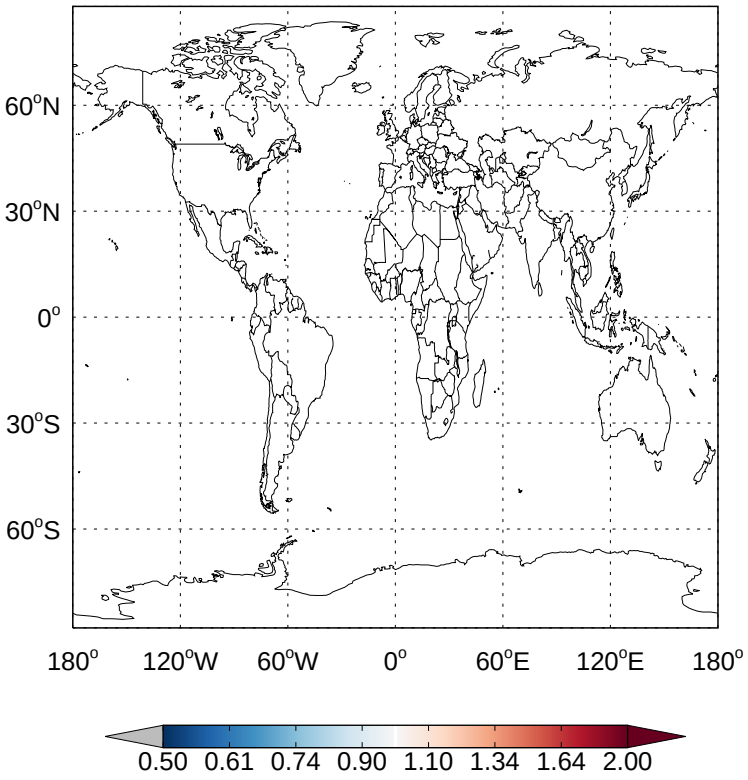
HCFC123/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

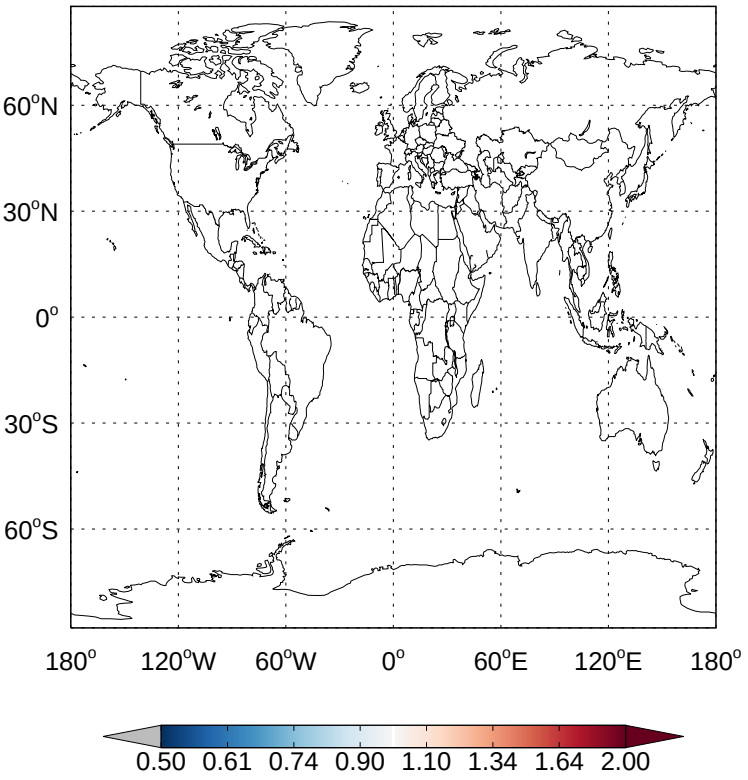
v11-01-public-Run0 / v11-01k-Run0

HCFC141b / Ratio @ Surface for Oct



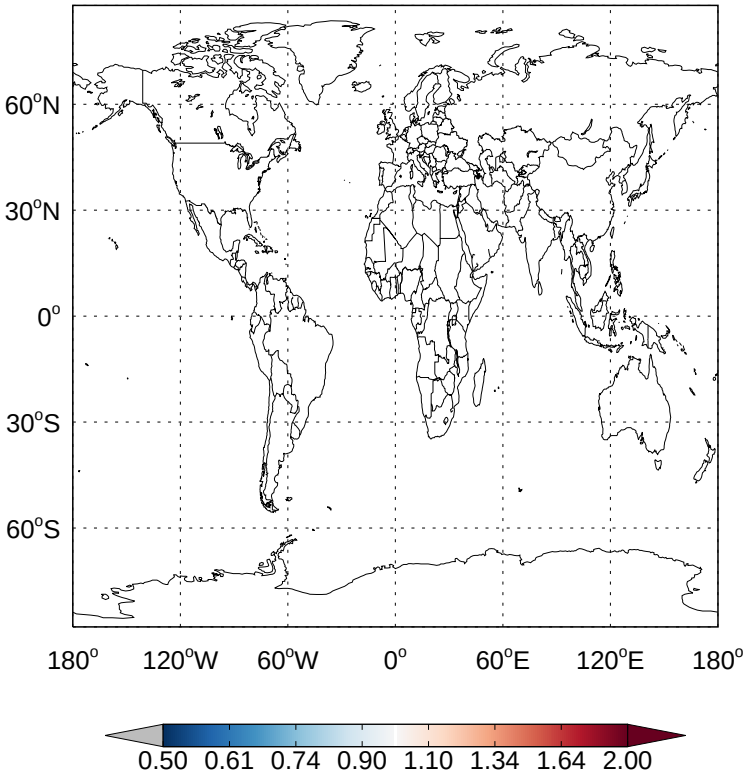
v11-01-public-Run0 / v11-01k-Run0

HCFC141b/ Ratio @ 500 hPa for Oct



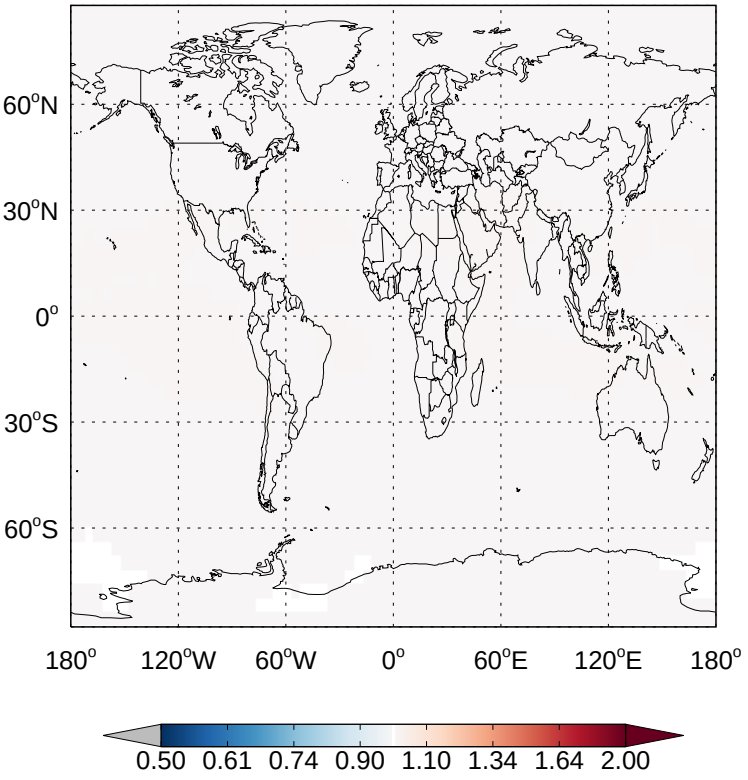
v11-01-public-Run0 / v11-01g-Run0

HCFC141b / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

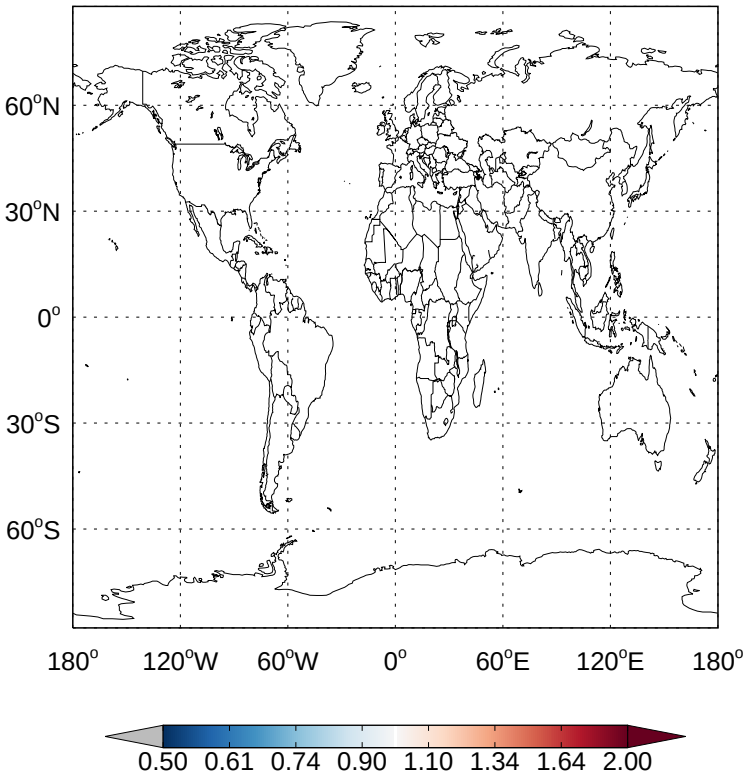
HCFC141b/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

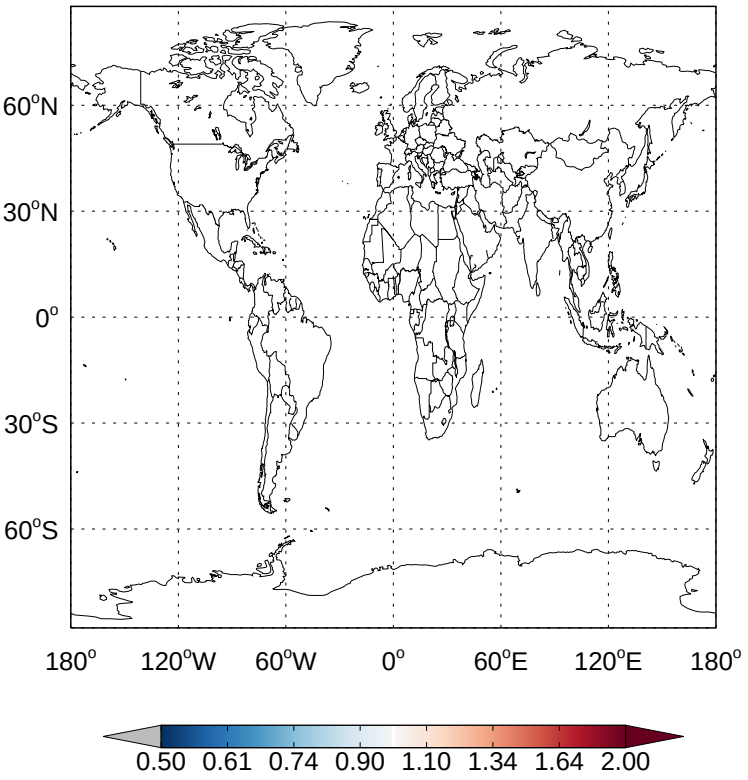
v11-01-public-Run0 / v11-01k-Run0

HCFC142b / Ratio @ Surface for Oct



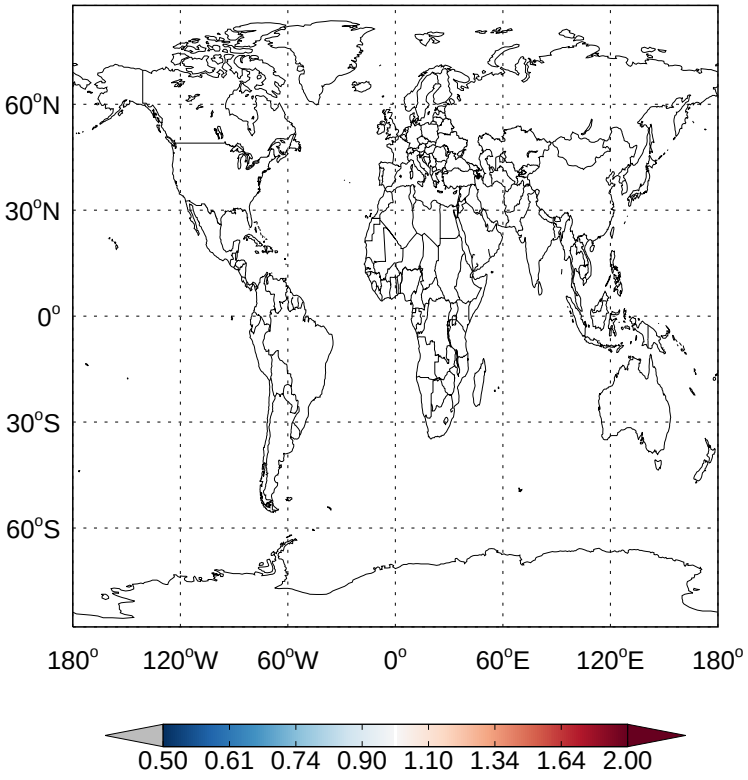
v11-01-public-Run0 / v11-01k-Run0

HCFC142b/ Ratio @ 500 hPa for Oct



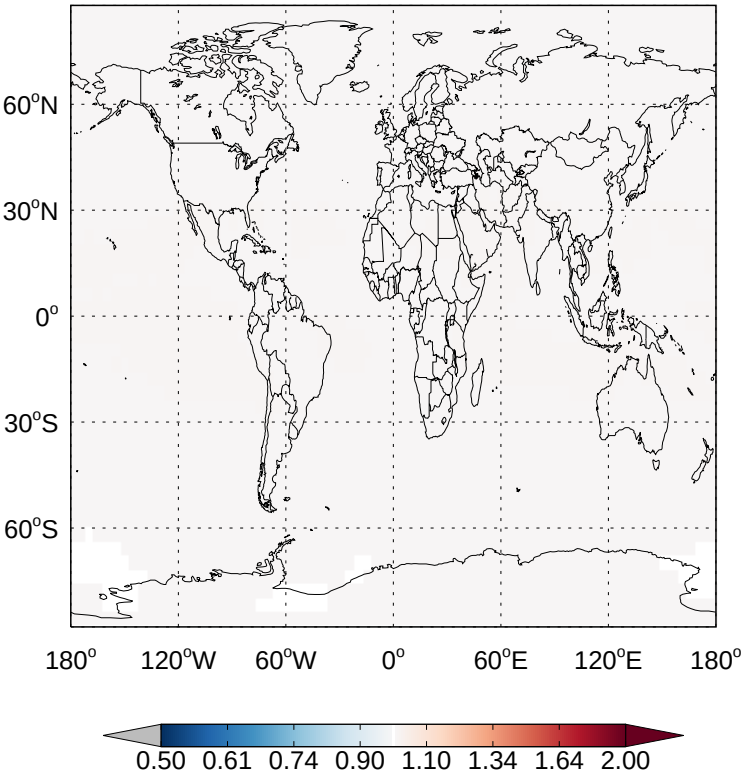
v11-01-public-Run0 / v11-01g-Run0

HCFC142b / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

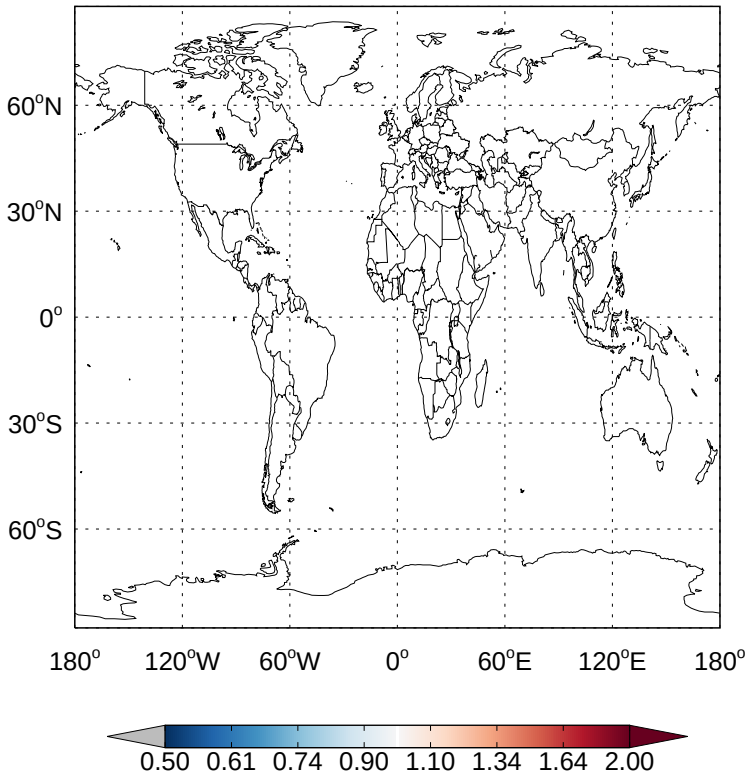
HCFC142b/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

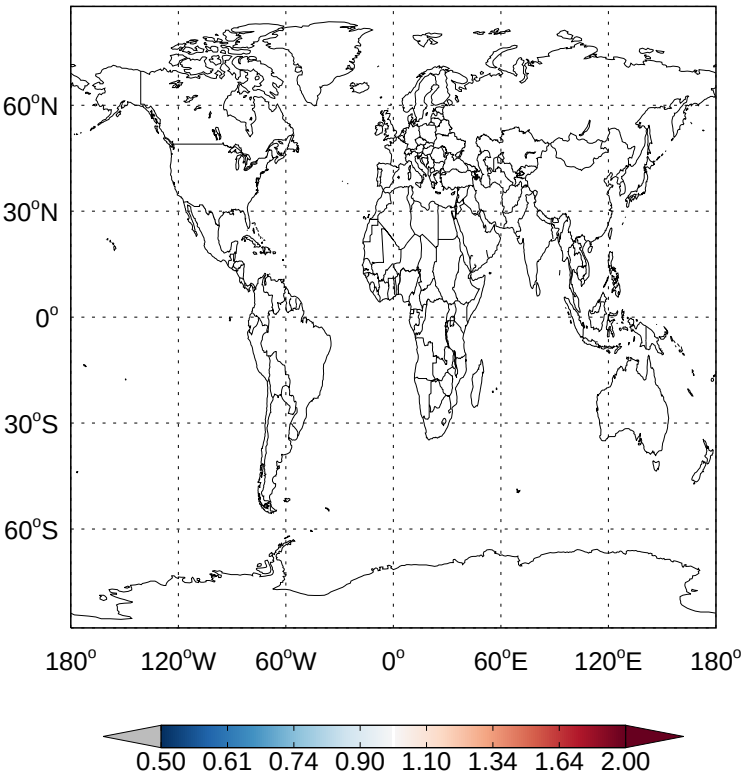
v11-01-public-Run0 / v11-01k-Run0

CFC11 / Ratio @ Surface for Oct



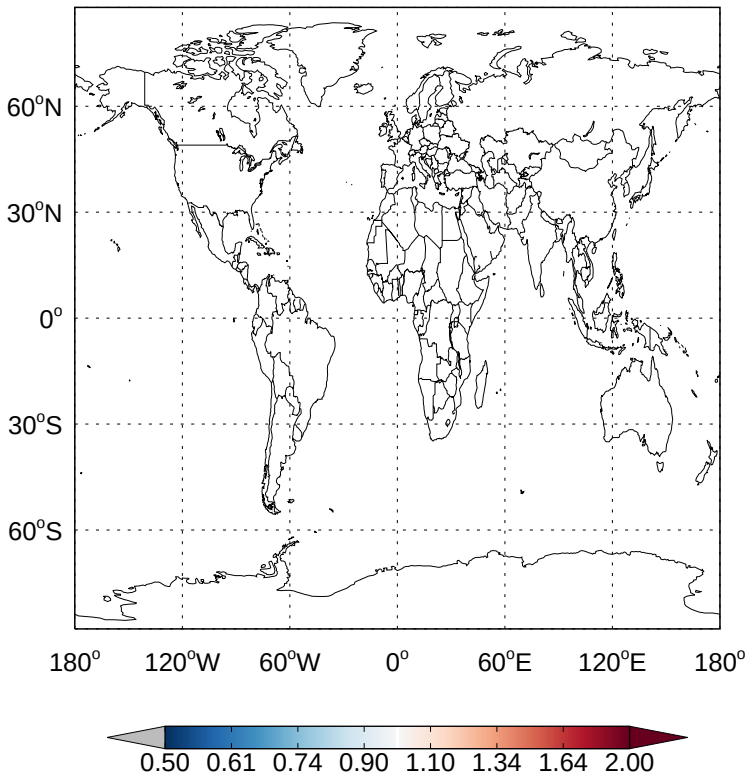
v11-01-public-Run0 / v11-01k-Run0

CFC11/ Ratio @ 500 hPa for Oct



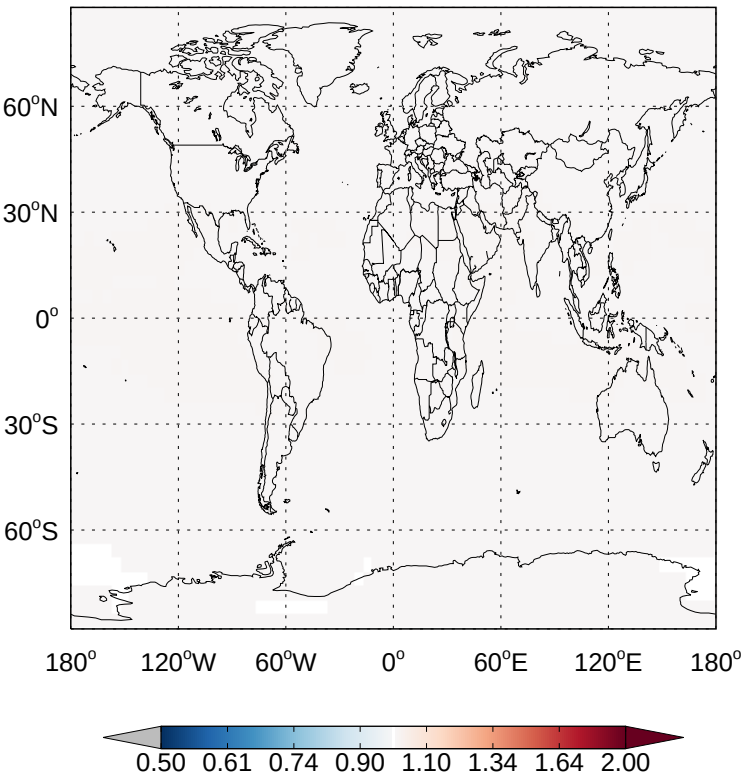
v11-01-public-Run0 / v11-01g-Run0

CFC11 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

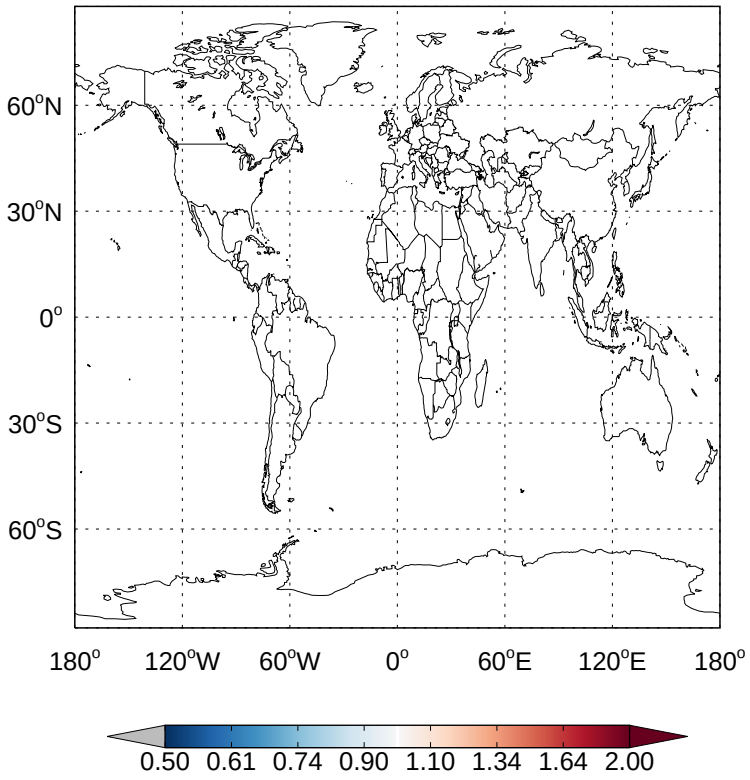
CFC11/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

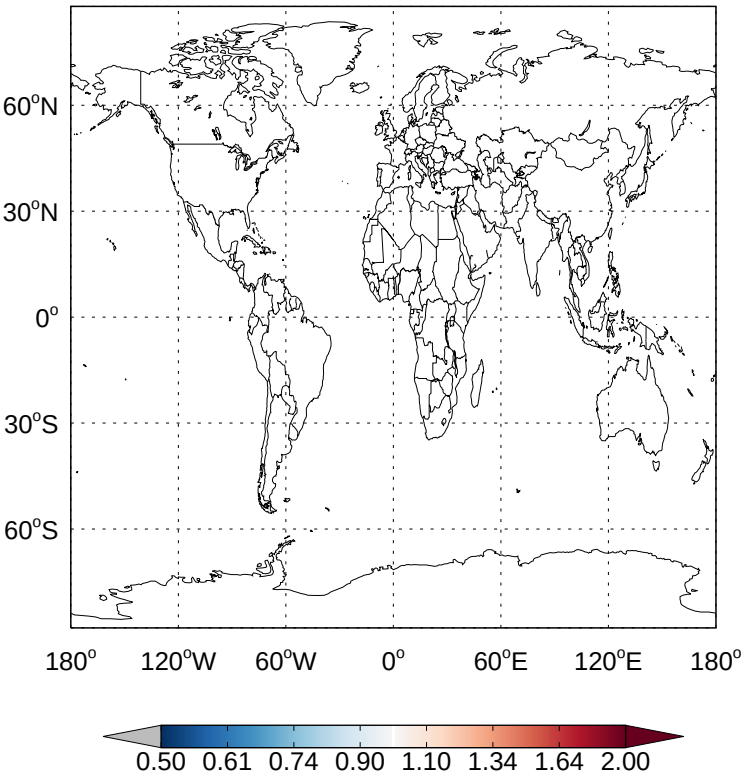
v11-01-public-Run0 / v11-01k-Run0

CFC12 / Ratio @ Surface for Oct



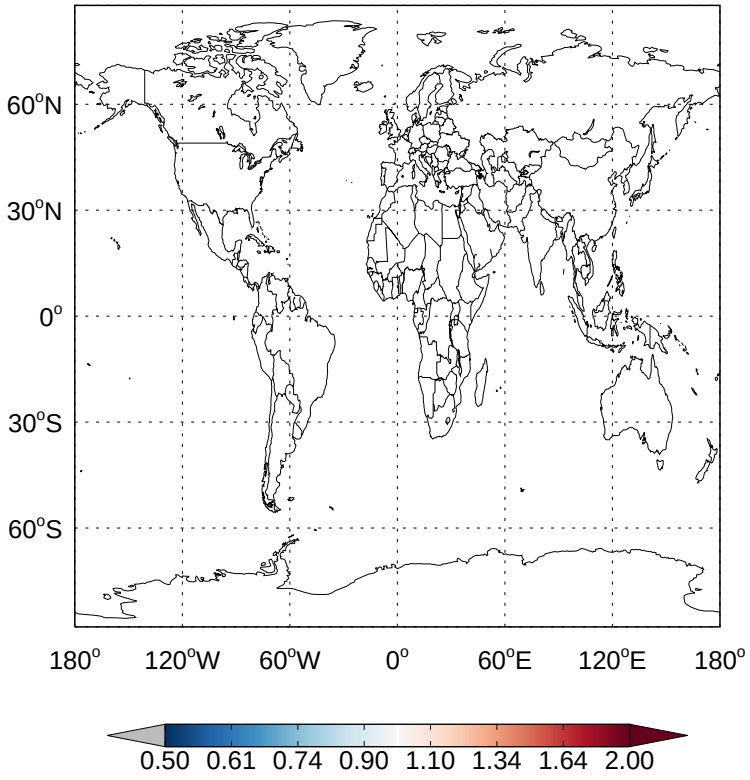
v11-01-public-Run0 / v11-01k-Run0

CFC12/ Ratio @ 500 hPa for Oct



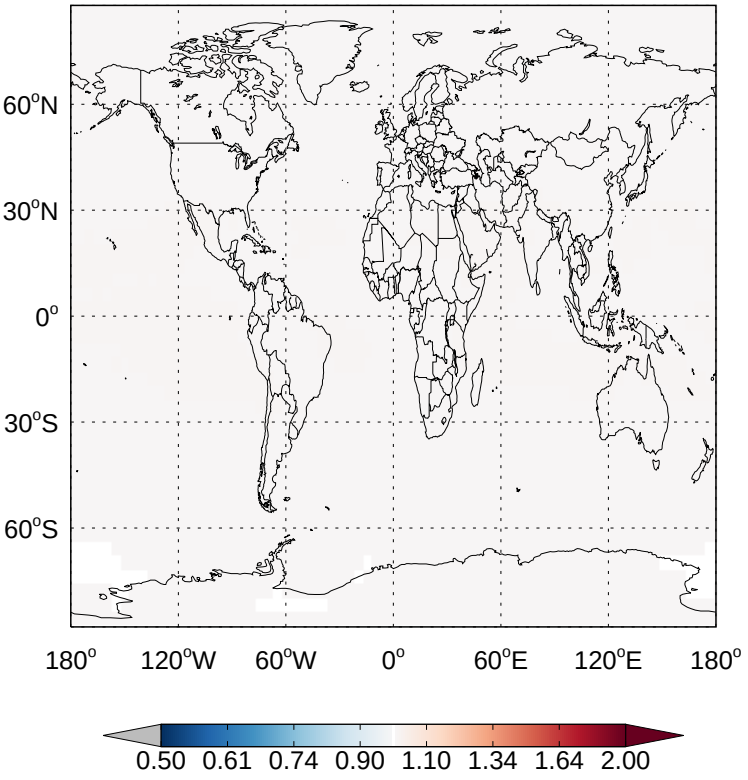
v11-01-public-Run0 / v11-01g-Run0

CFC12 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

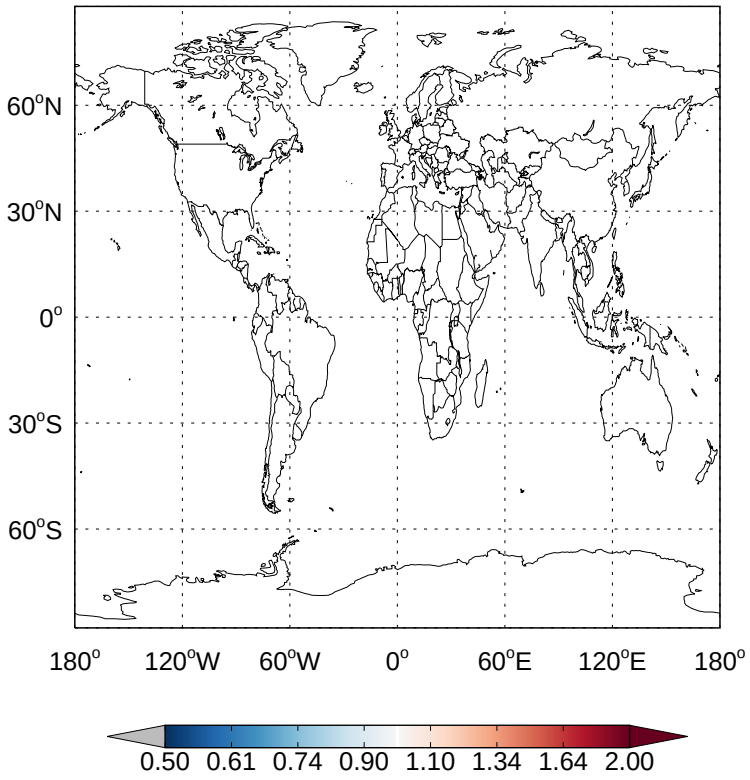
CFC12/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

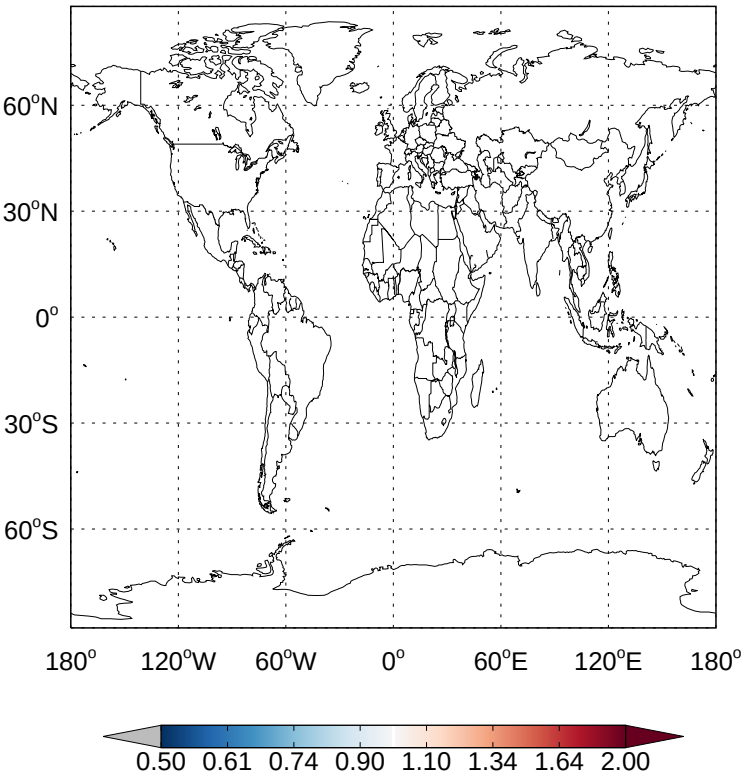
v11-01-public-Run0 / v11-01k-Run0

HCFC22 / Ratio @ Surface for Oct



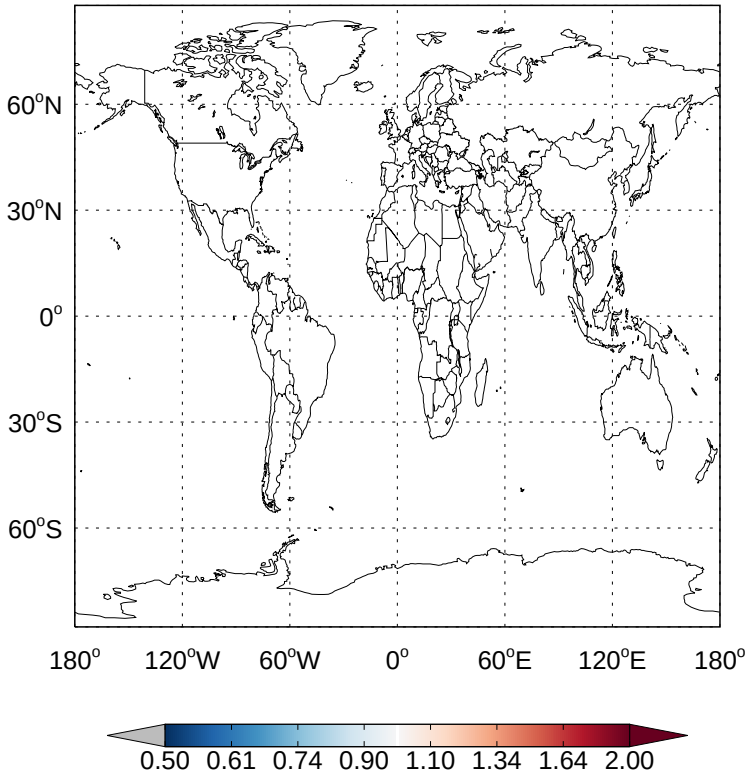
v11-01-public-Run0 / v11-01k-Run0

HCFC22/ Ratio @ 500 hPa for Oct



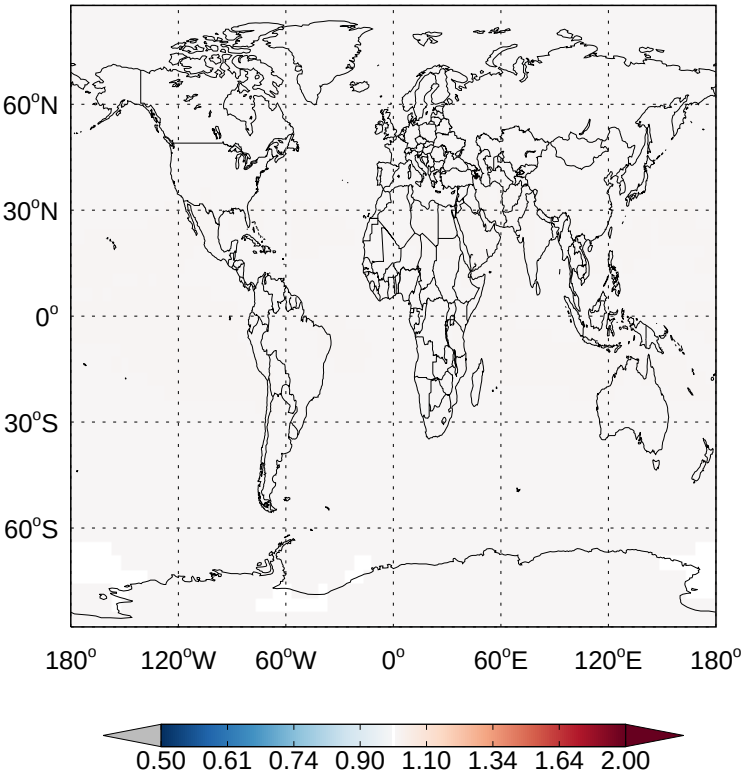
v11-01-public-Run0 / v11-01g-Run0

HCFC22 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

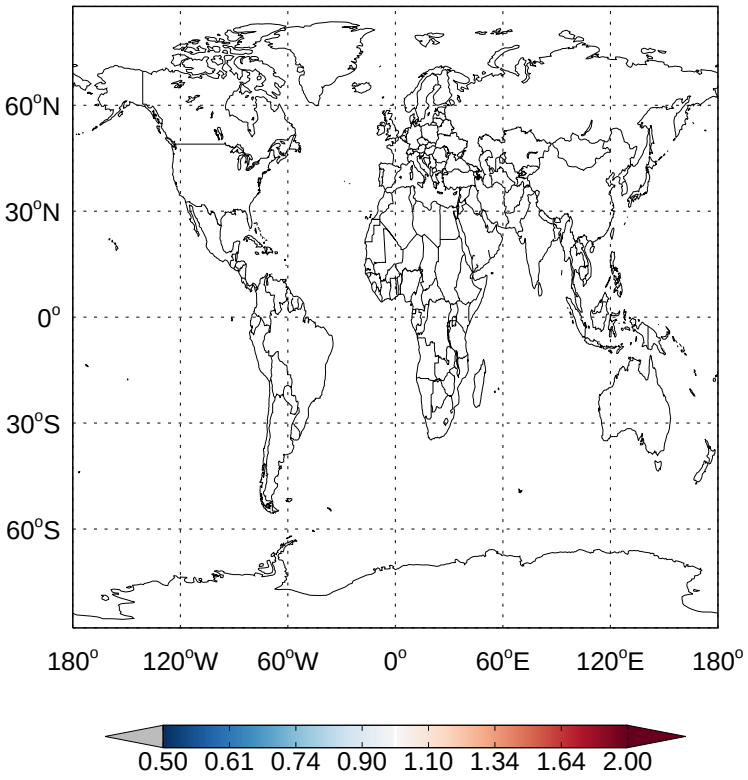
HCFC22/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

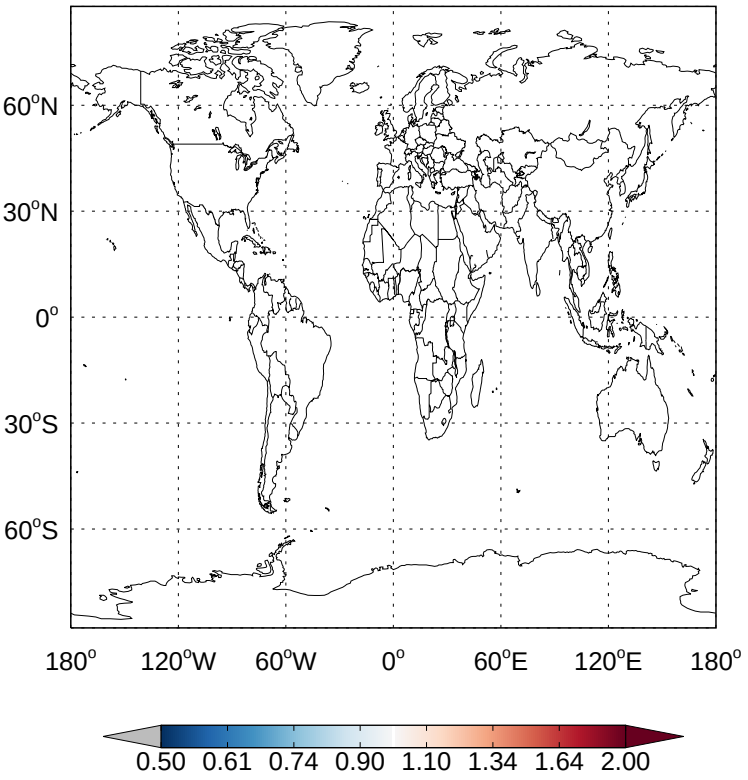
v11-01-public-Run0 / v11-01k-Run0

H1211 / Ratio @ Surface for Oct



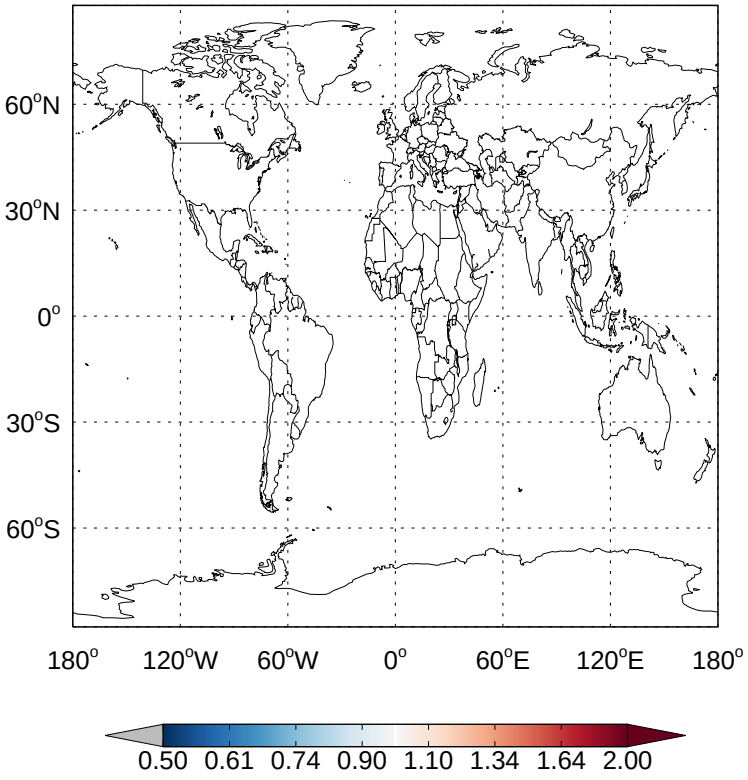
v11-01-public-Run0 / v11-01k-Run0

H1211/ Ratio @ 500 hPa for Oct



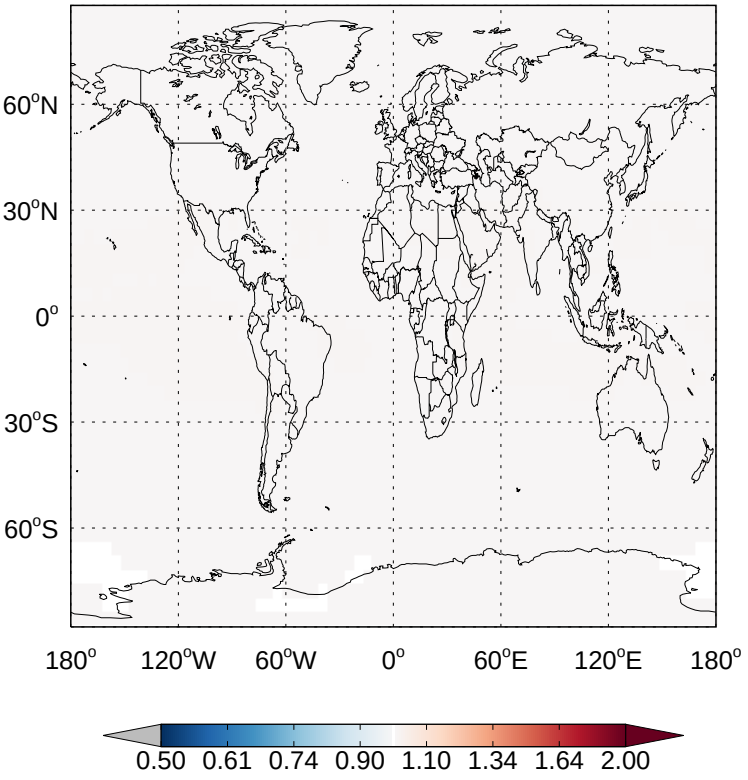
v11-01-public-Run0 / v11-01g-Run0

H1211 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

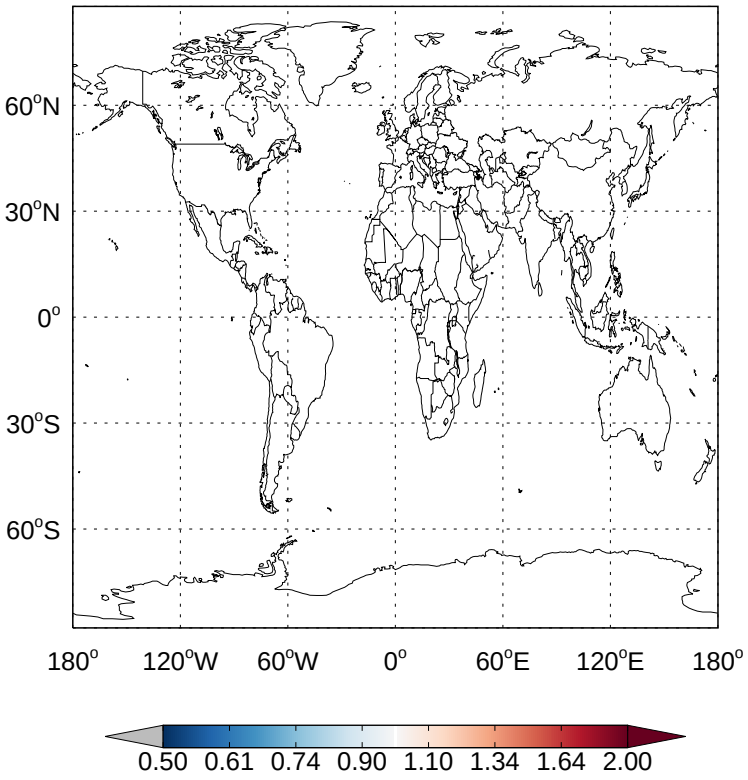
H1211/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

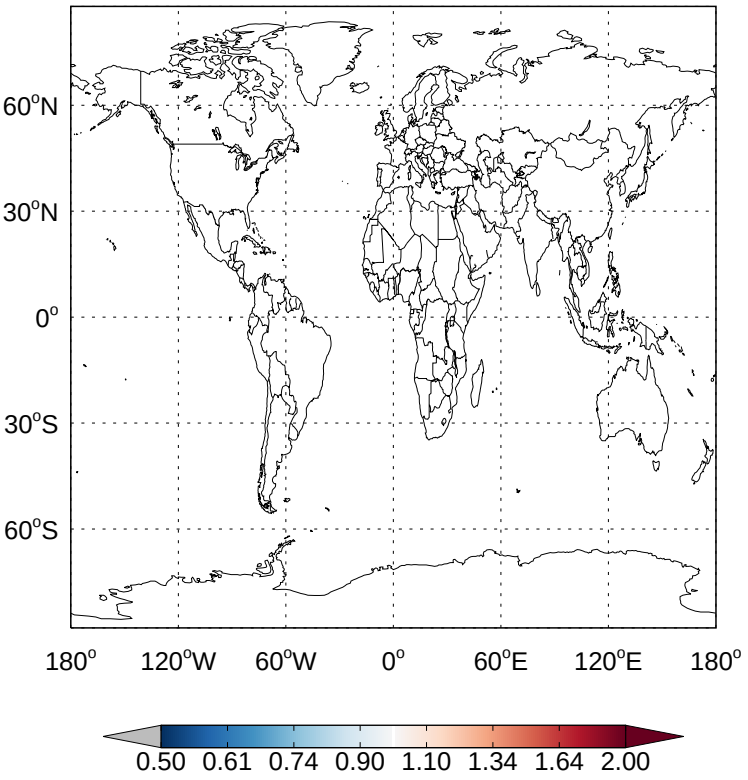
v11-01-public-Run0 / v11-01k-Run0

H1301 / Ratio @ Surface for Oct



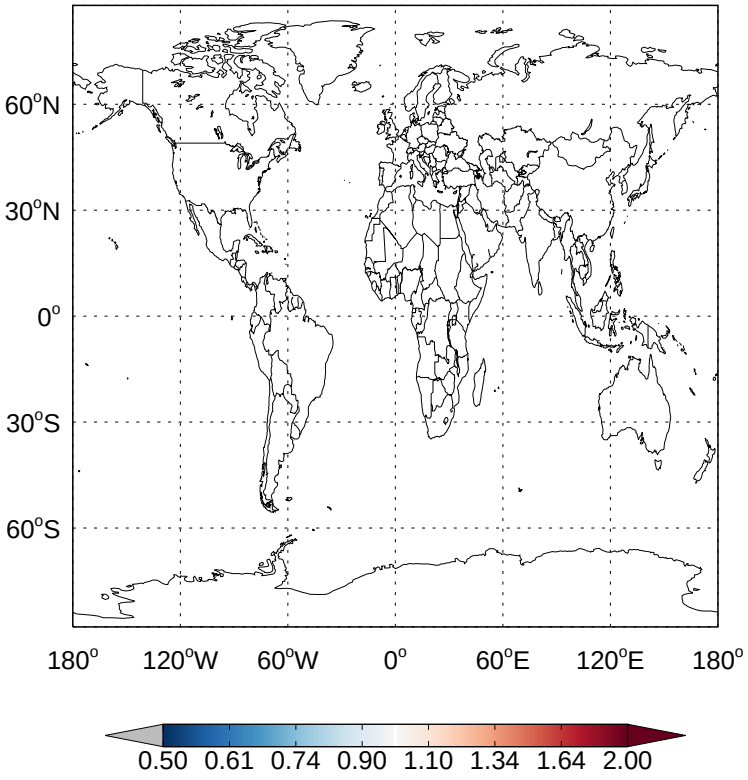
v11-01-public-Run0 / v11-01k-Run0

H1301/ Ratio @ 500 hPa for Oct



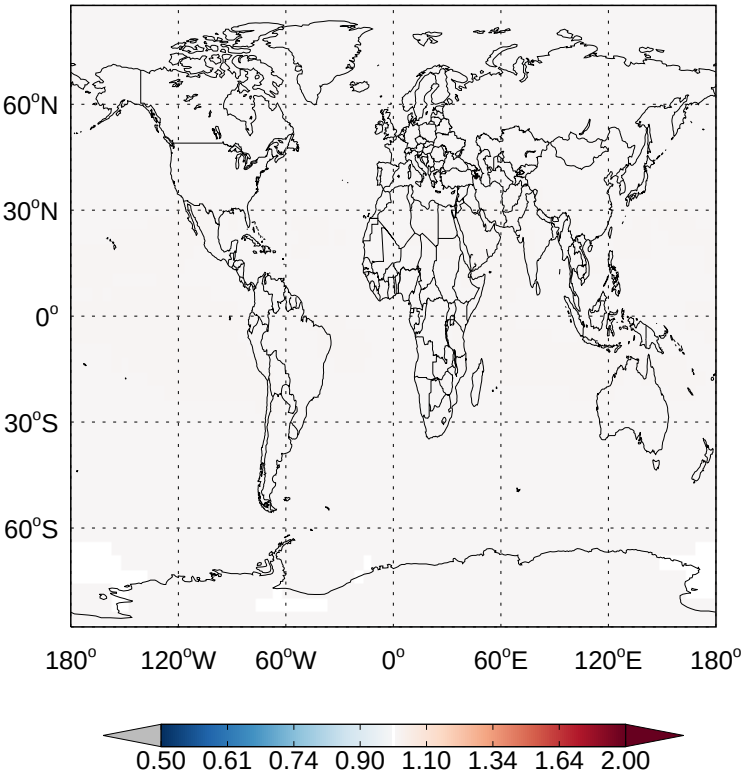
v11-01-public-Run0 / v11-01g-Run0

H1301 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

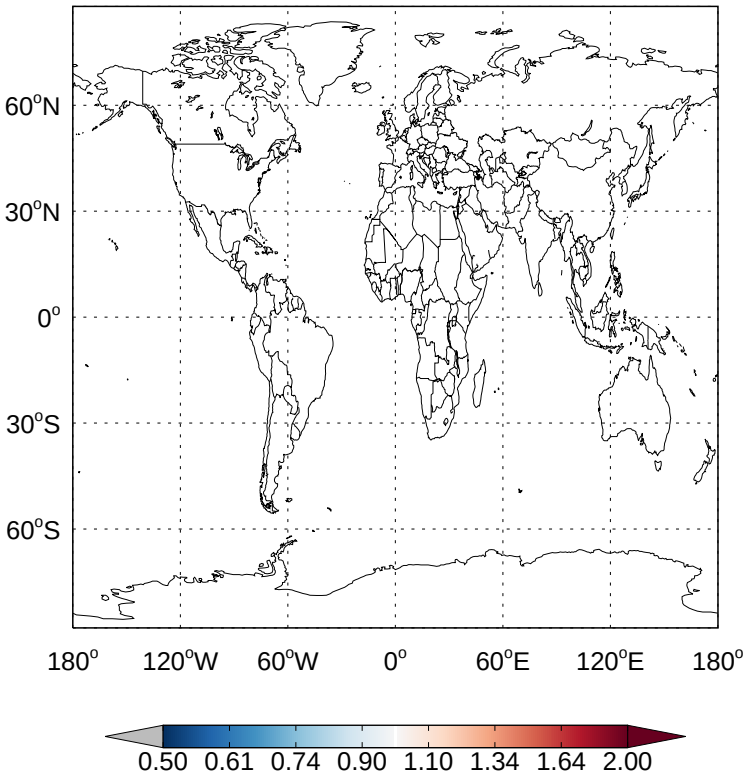
H1301/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

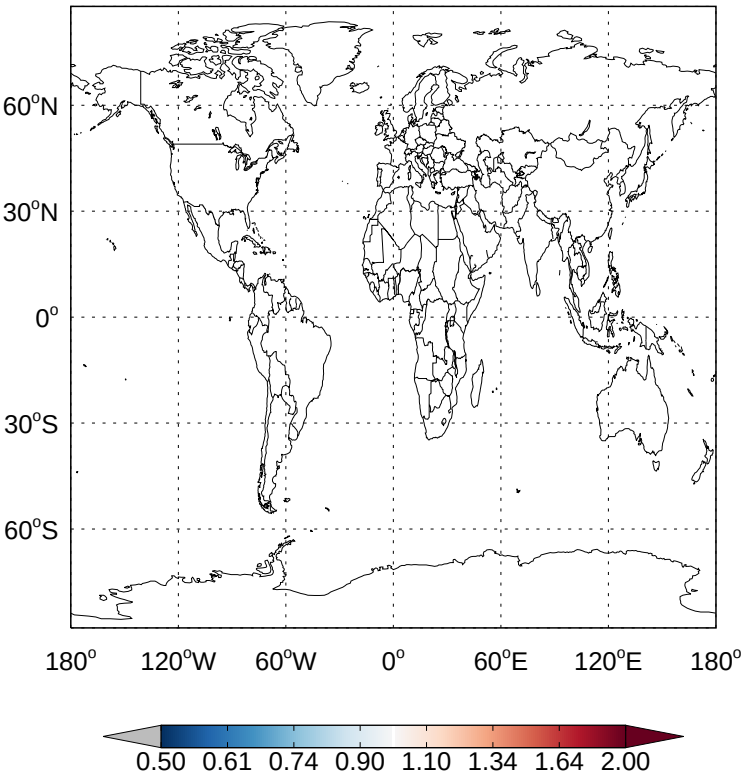
v11-01-public-Run0 / v11-01k-Run0

H2402 / Ratio @ Surface for Oct



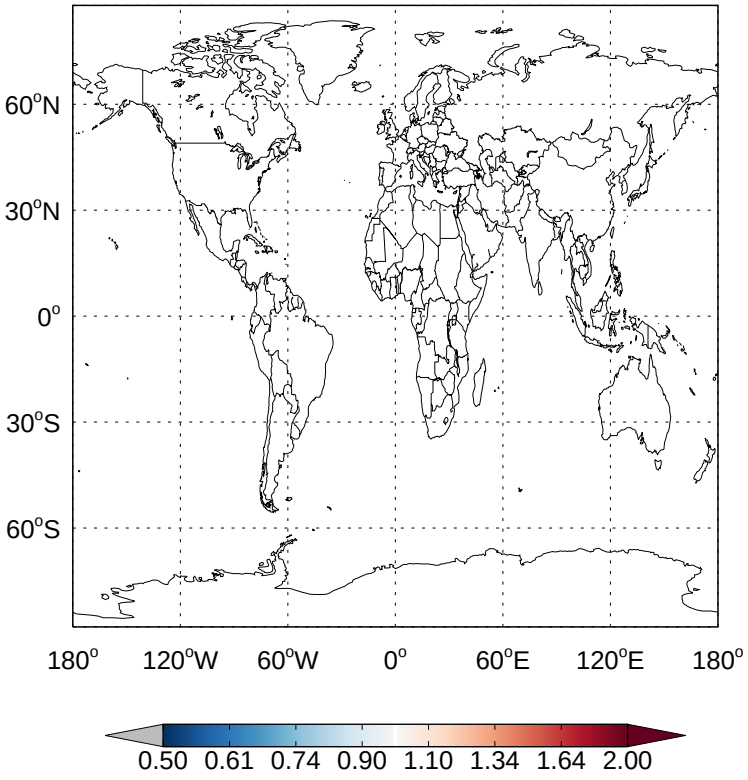
v11-01-public-Run0 / v11-01k-Run0

H2402/ Ratio @ 500 hPa for Oct



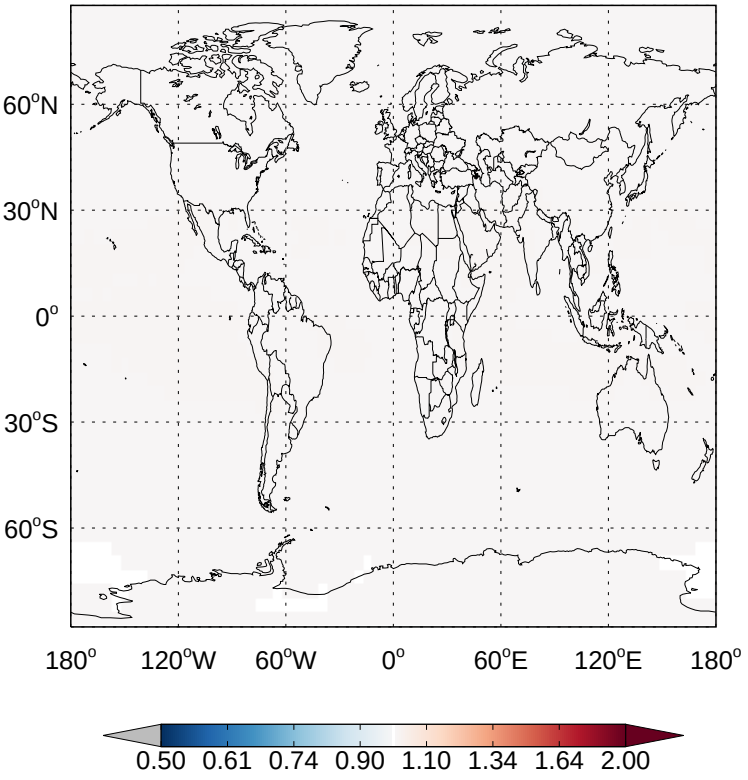
v11-01-public-Run0 / v11-01g-Run0

H2402 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

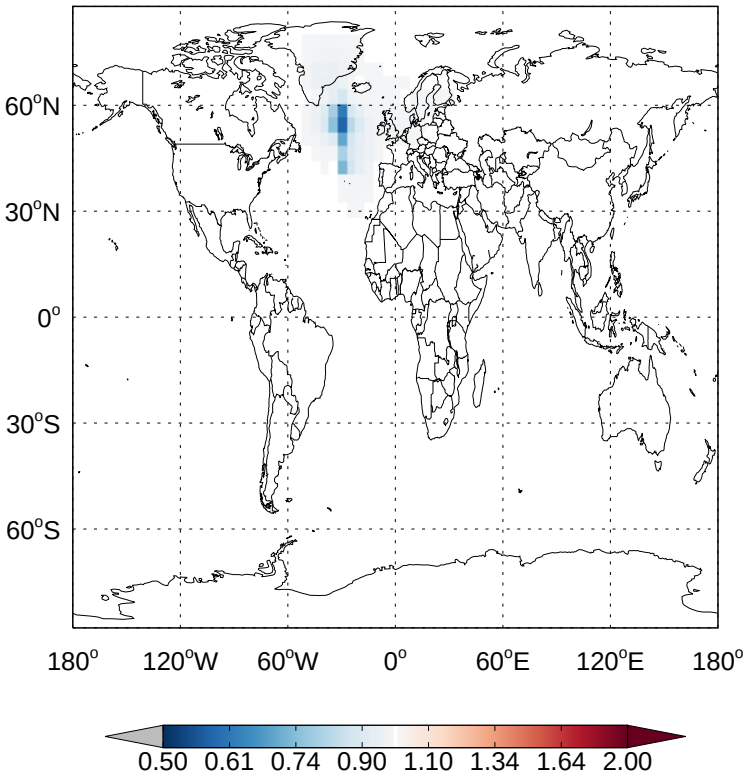
H2402/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

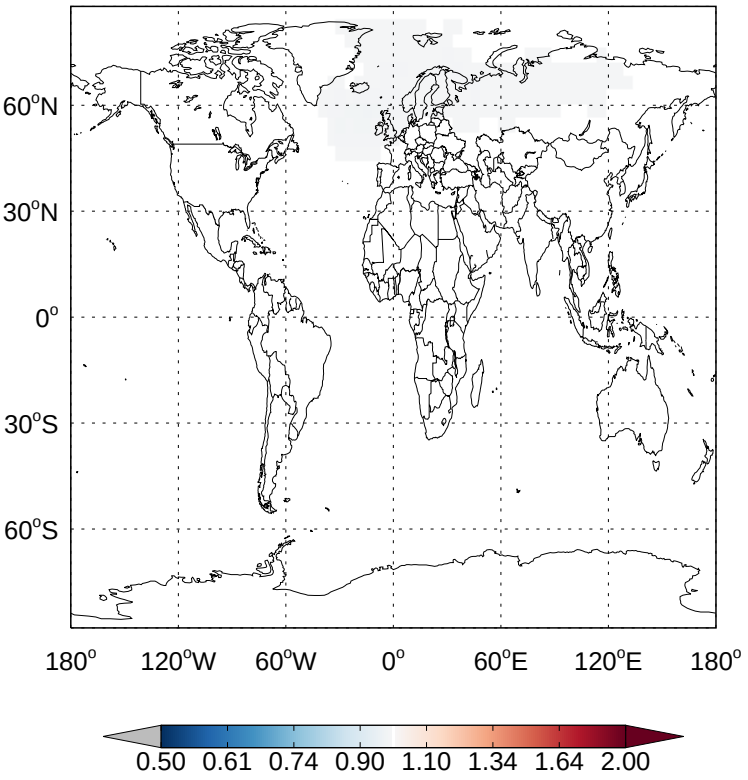
v11-01-public-Run0 / v11-01k-Run0

Cl / Ratio @ Surface for Oct



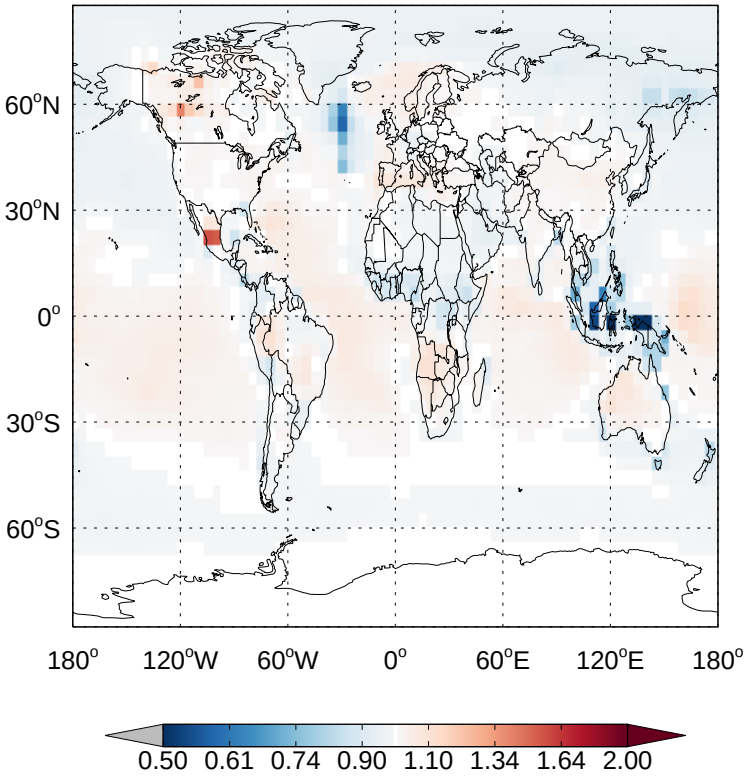
v11-01-public-Run0 / v11-01k-Run0

Cl/ Ratio @ 500 hPa for Oct



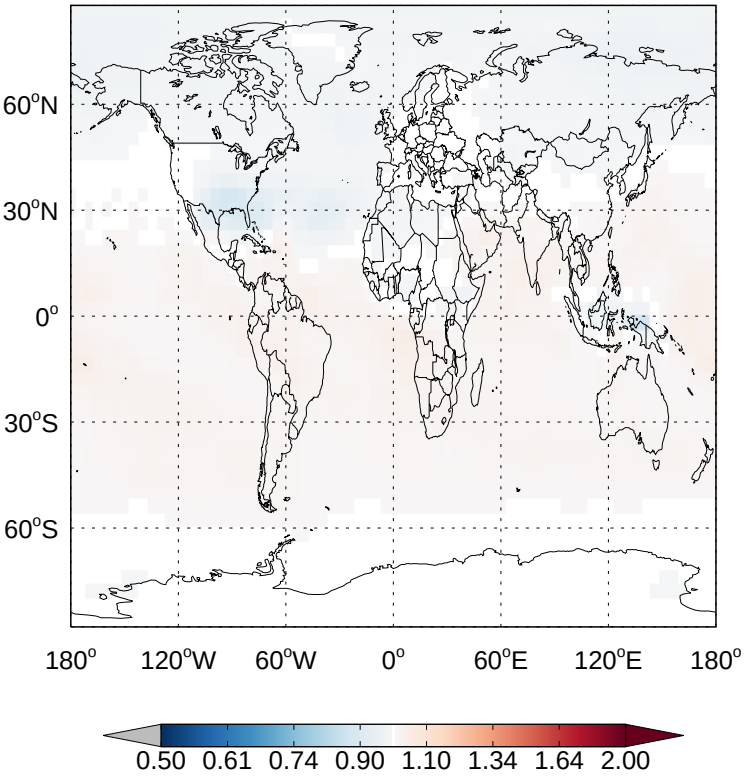
v11-01-public-Run0 / v11-01g-Run0

Cl / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

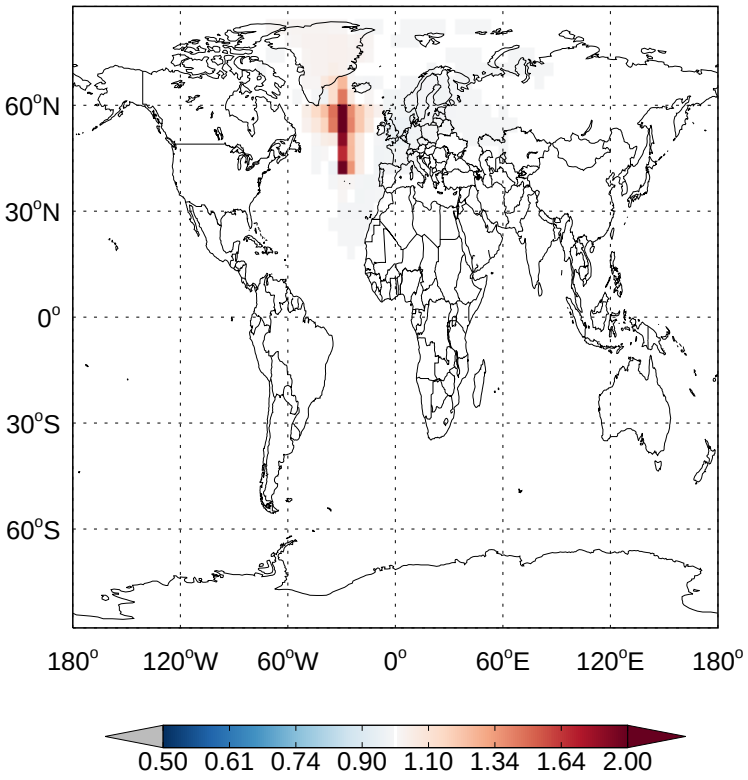
Cl/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

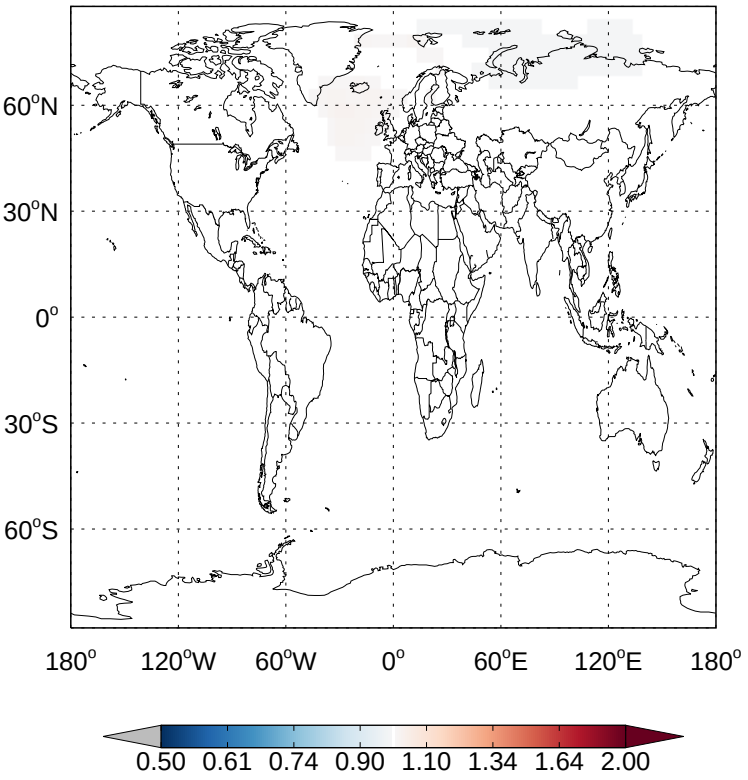
v11-01-public-Run0 / v11-01k-Run0

ClO / Ratio @ Surface for Oct



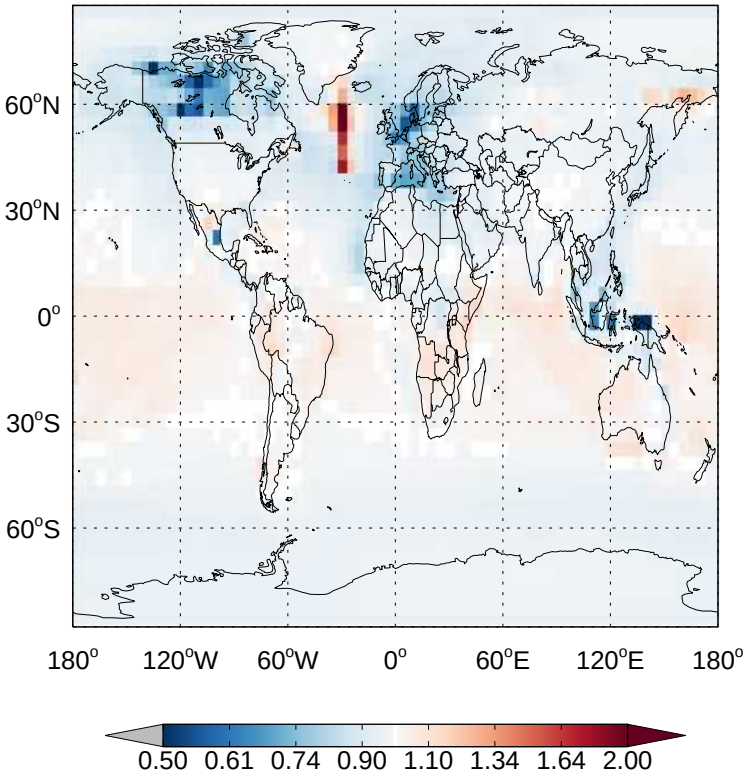
v11-01-public-Run0 / v11-01k-Run0

ClO/ Ratio @ 500 hPa for Oct



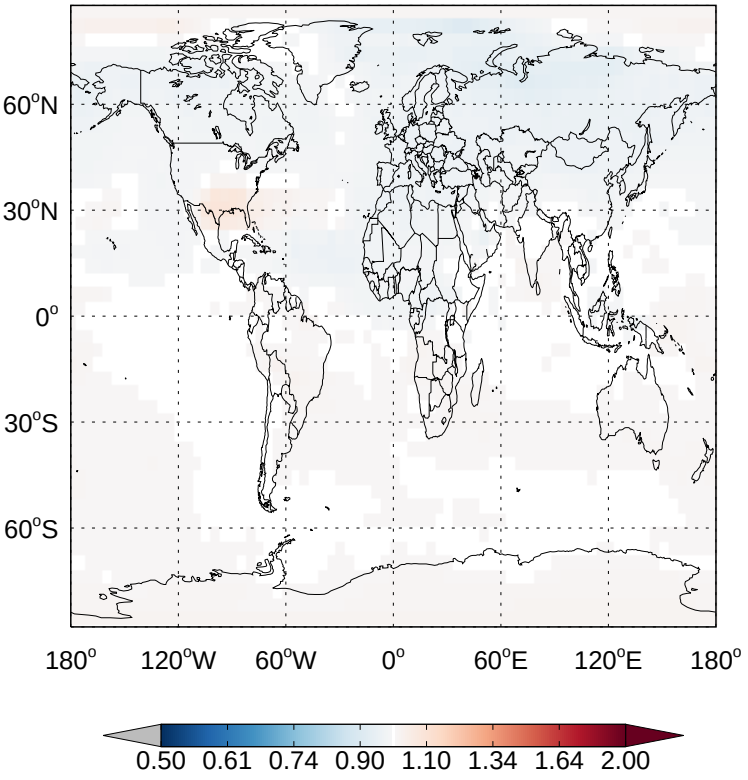
v11-01-public-Run0 / v11-01g-Run0

ClO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

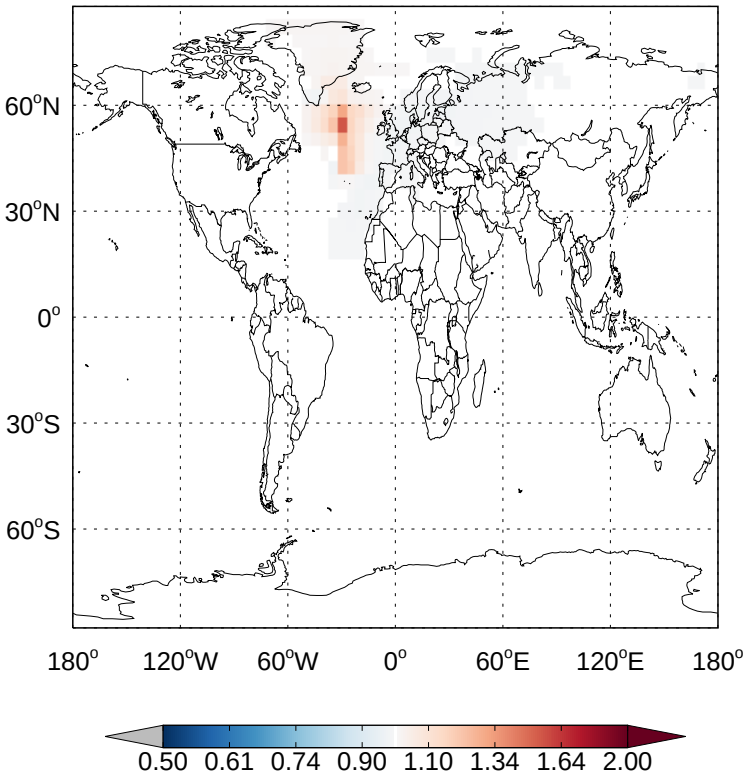
ClO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

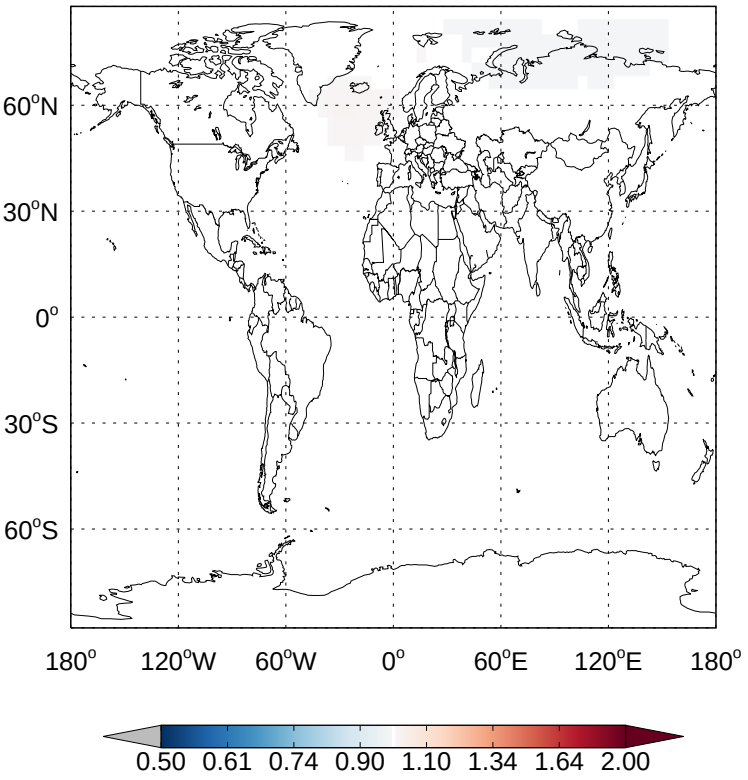
v11-01-public-Run0 / v11-01k-Run0

HOCl / Ratio @ Surface for Oct



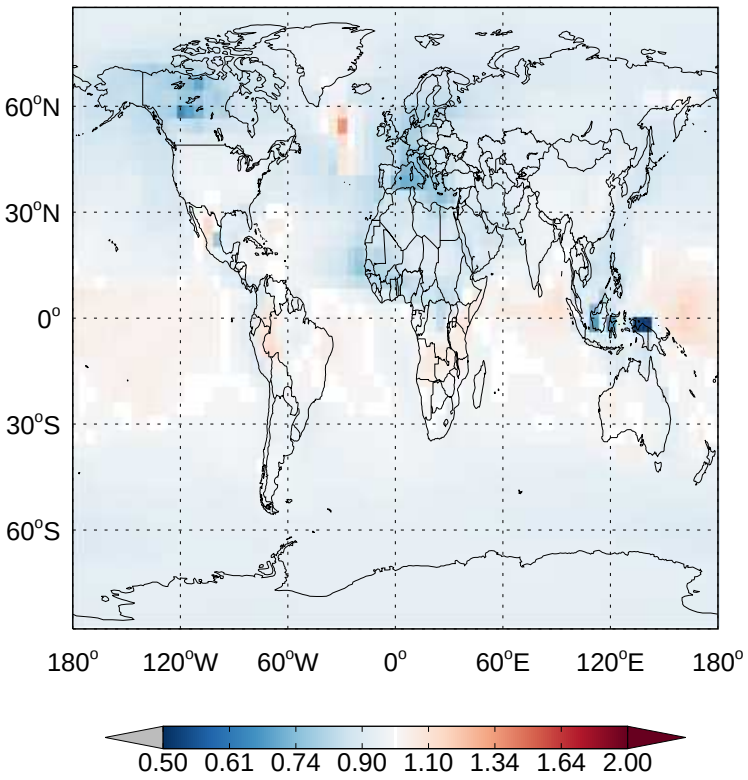
v11-01-public-Run0 / v11-01k-Run0

HOCl/ Ratio @ 500 hPa for Oct



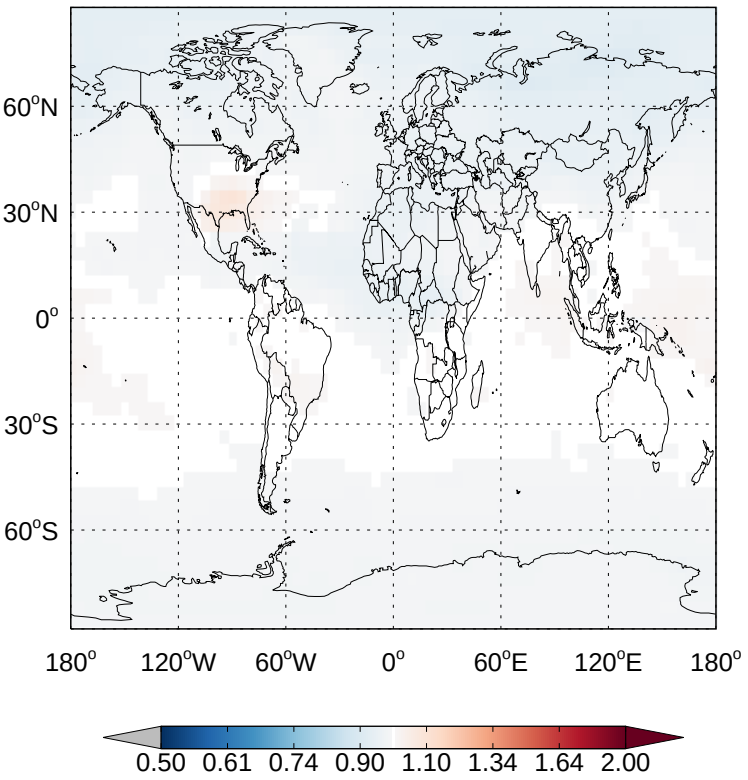
v11-01-public-Run0 / v11-01g-Run0

HOCl / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

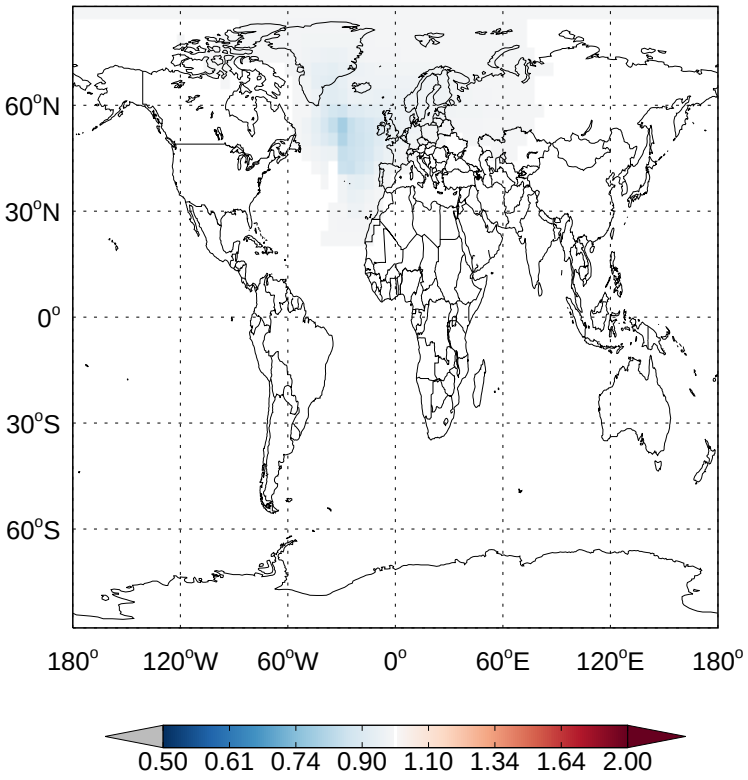
HOCl/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

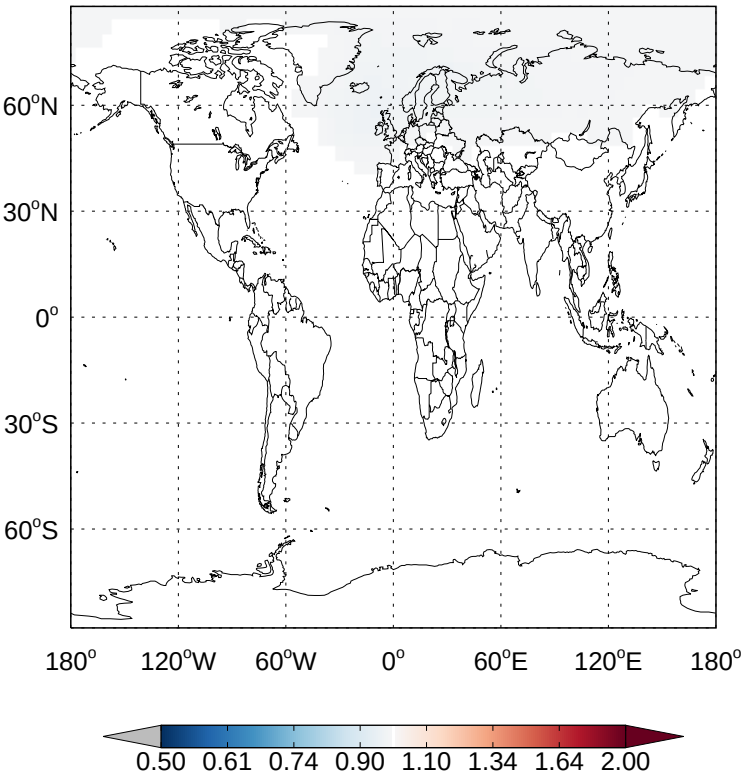
v11-01-public-Run0 / v11-01k-Run0

ClNO3 / Ratio @ Surface for Oct



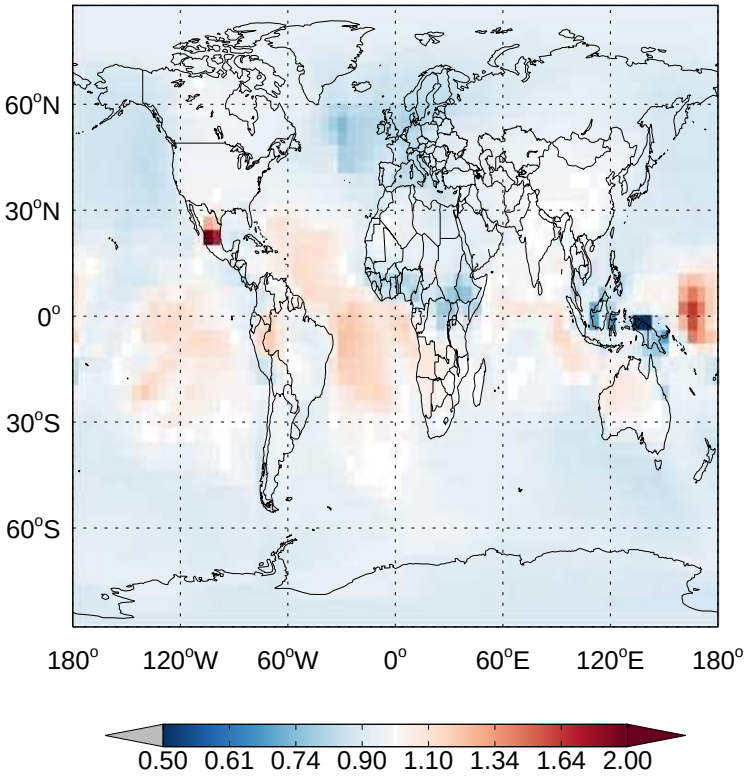
v11-01-public-Run0 / v11-01k-Run0

ClNO3/ Ratio @ 500 hPa for Oct



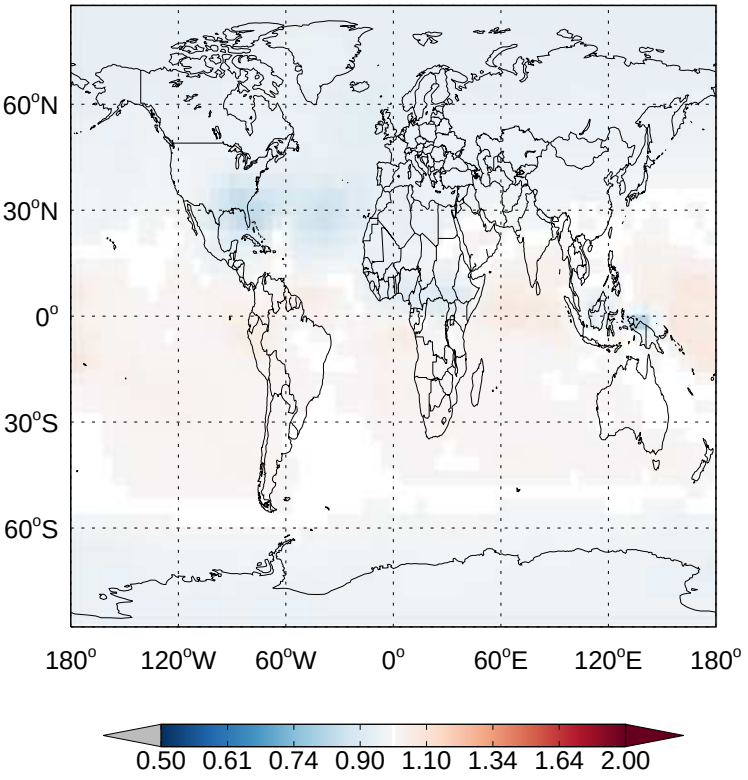
v11-01-public-Run0 / v11-01g-Run0

ClNO3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

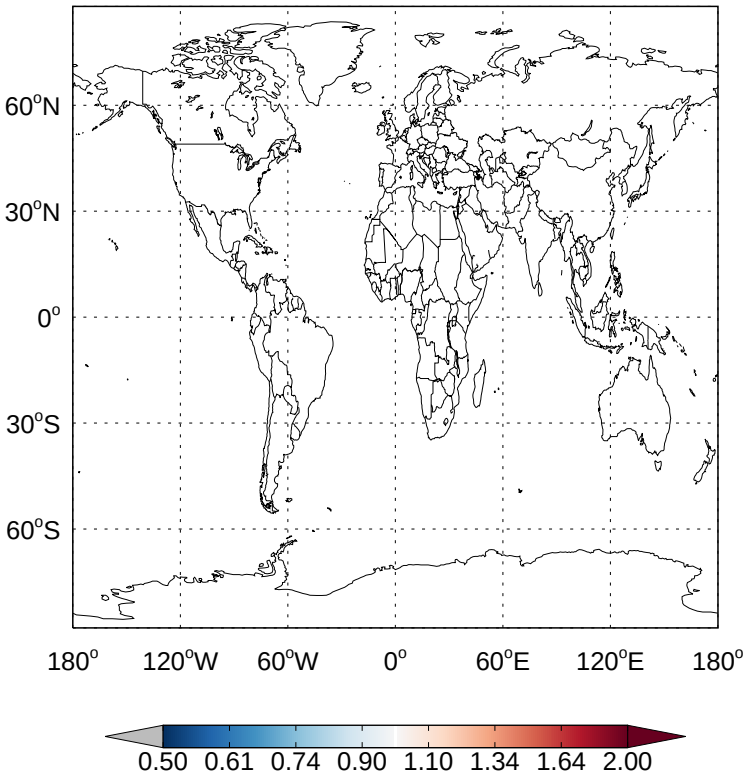
ClNO3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

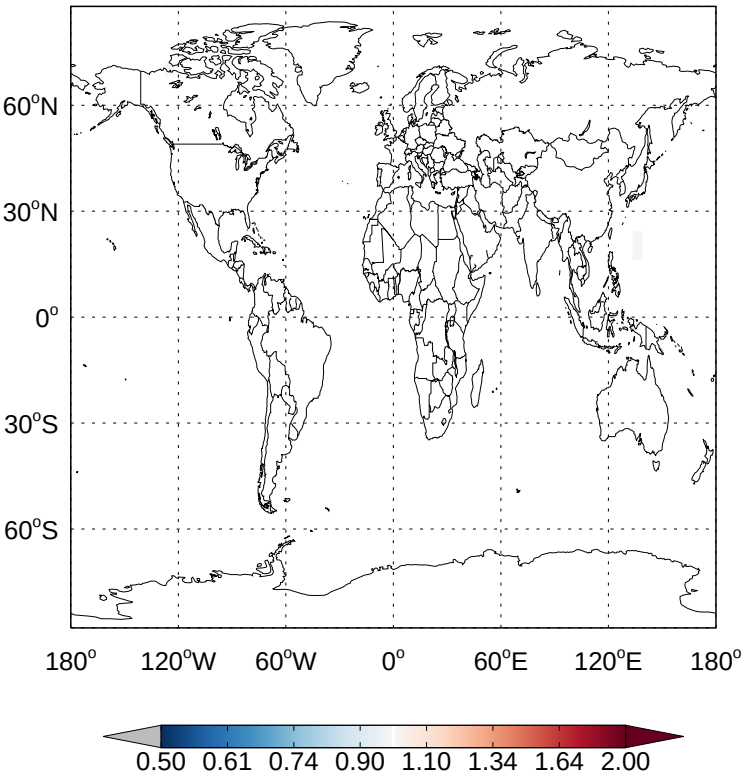
v11-01-public-Run0 / v11-01k-Run0

ClNO2 / Ratio @ Surface for Oct



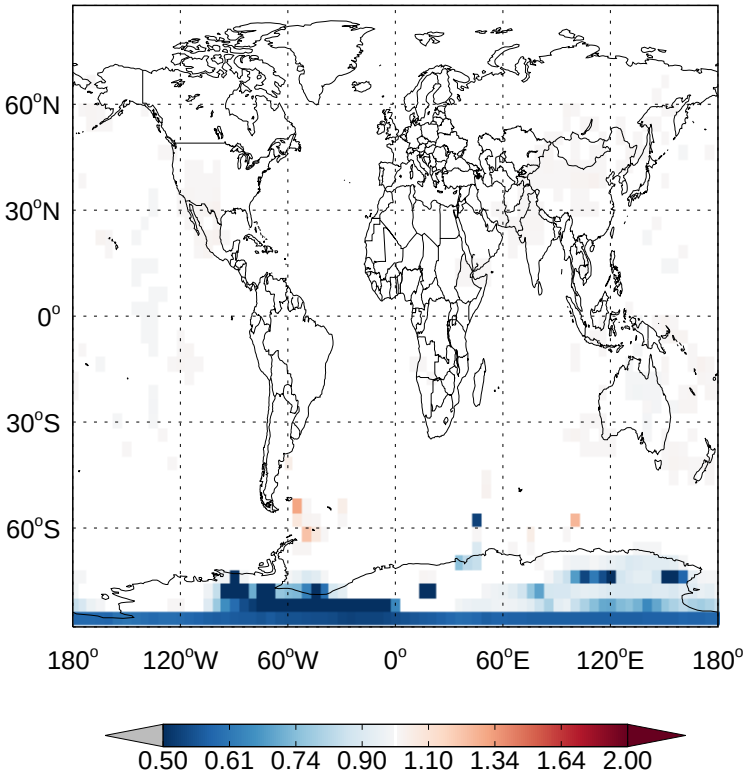
v11-01-public-Run0 / v11-01k-Run0

ClNO2/ Ratio @ 500 hPa for Oct



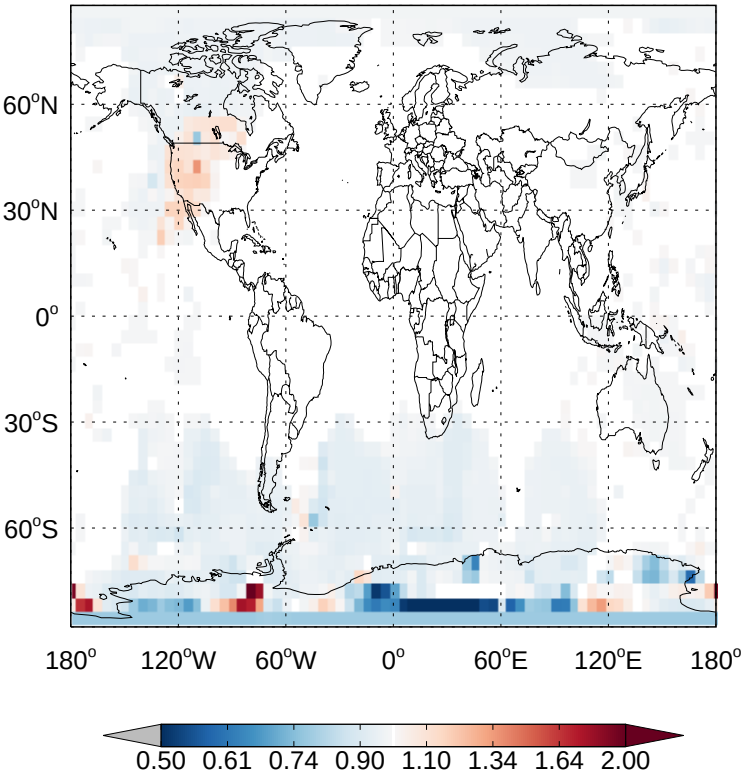
v11-01-public-Run0 / v11-01g-Run0

ClNO2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

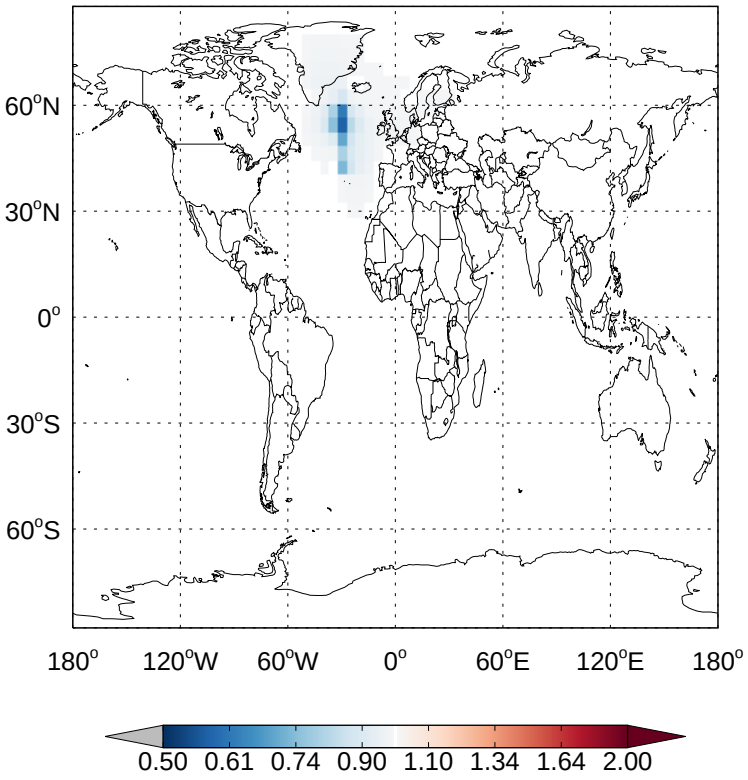
ClNO2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

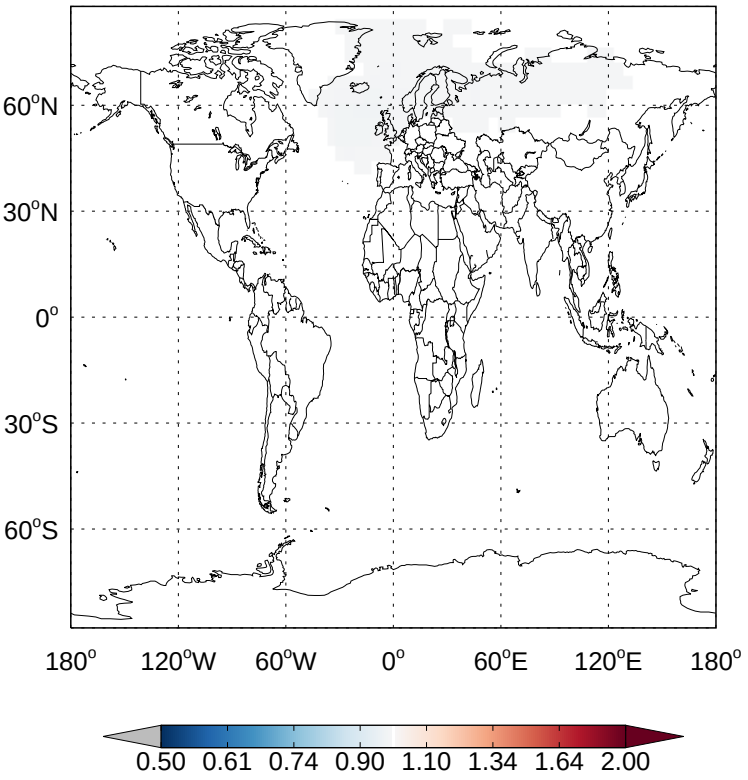
v11-01-public-Run0 / v11-01k-Run0

ClOO / Ratio @ Surface for Oct



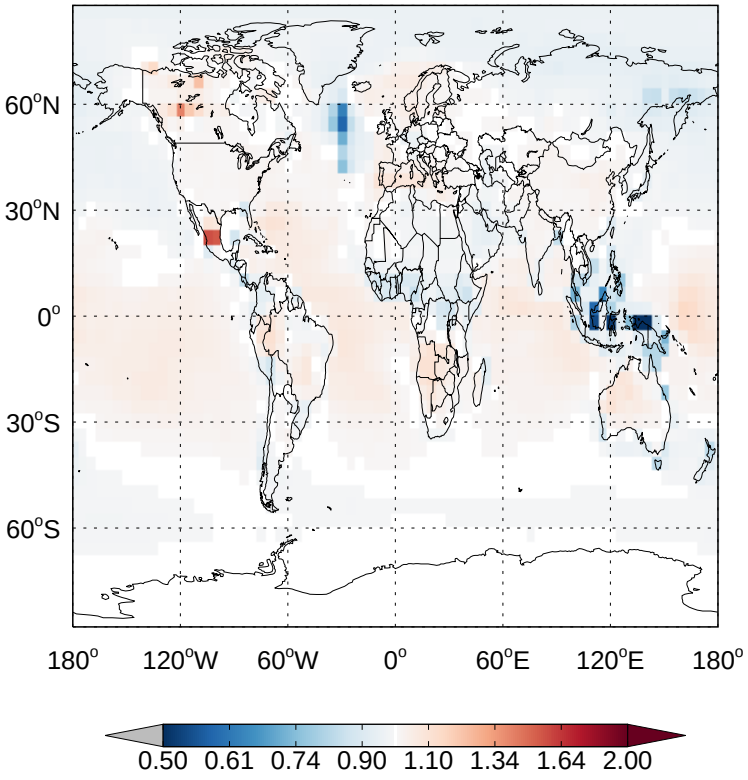
v11-01-public-Run0 / v11-01k-Run0

ClOO/ Ratio @ 500 hPa for Oct



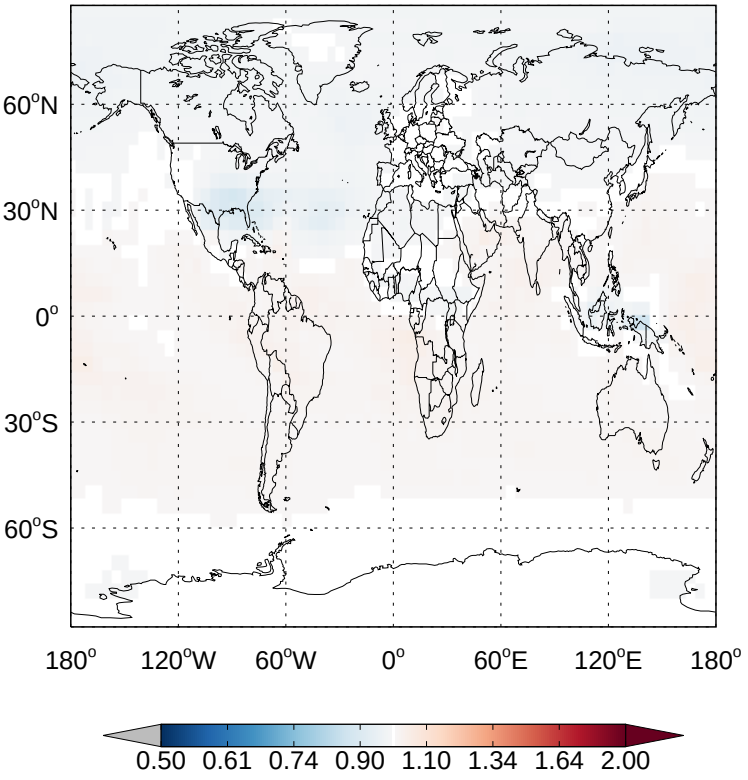
v11-01-public-Run0 / v11-01g-Run0

ClOO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

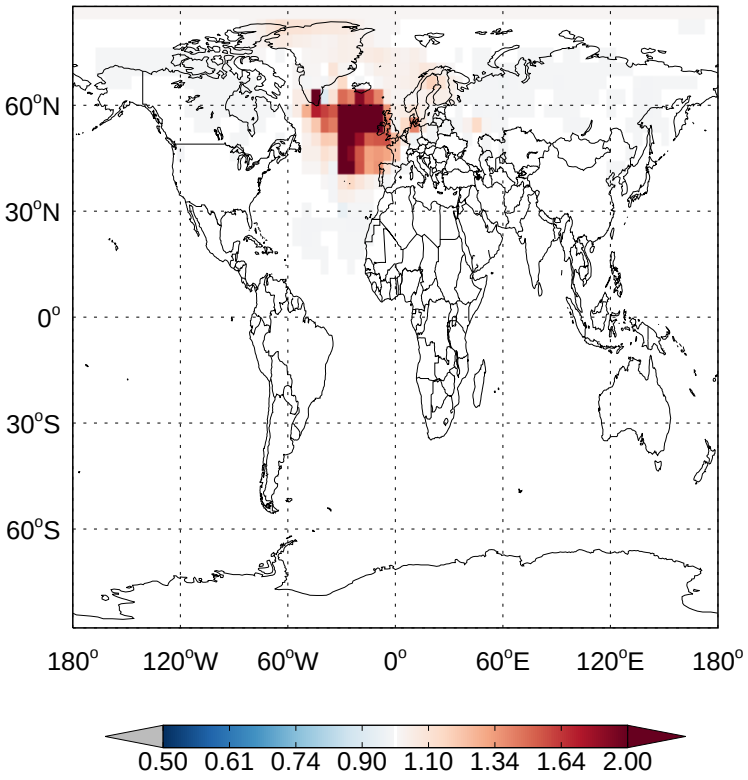
ClOO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

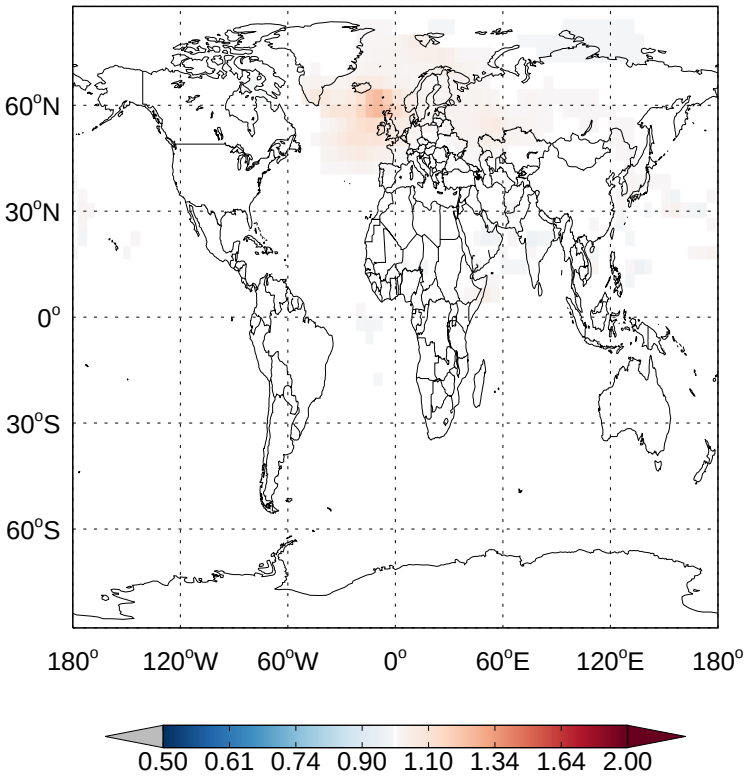
v11-01-public-Run0 / v11-01k-Run0

OClO / Ratio @ Surface for Oct



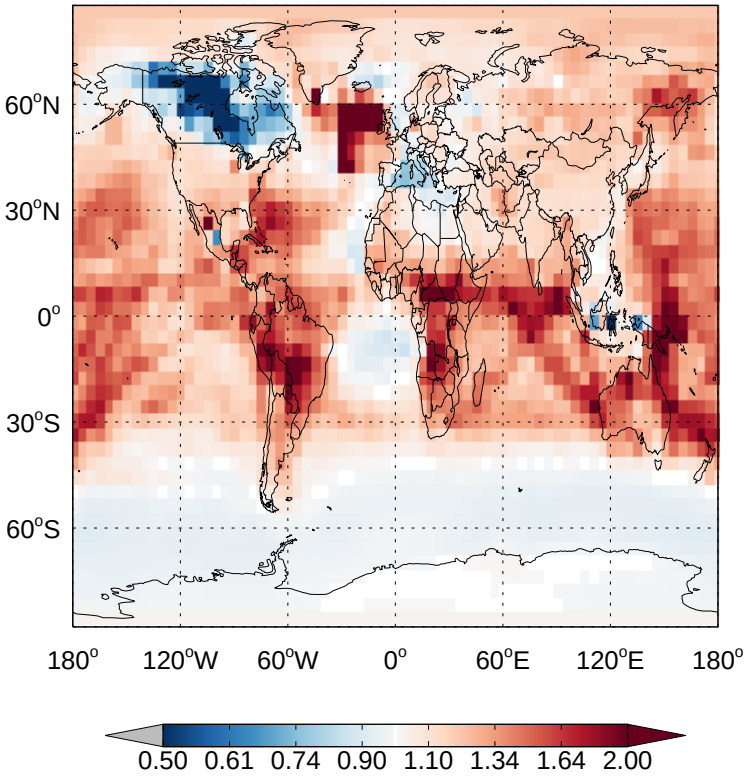
v11-01-public-Run0 / v11-01k-Run0

OClO/ Ratio @ 500 hPa for Oct



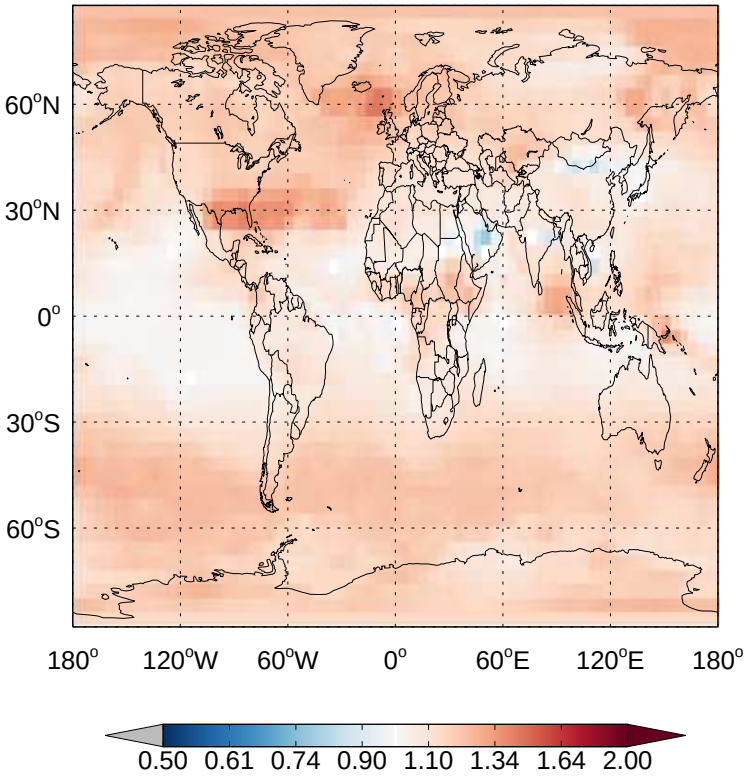
v11-01-public-Run0 / v11-01g-Run0

OClO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

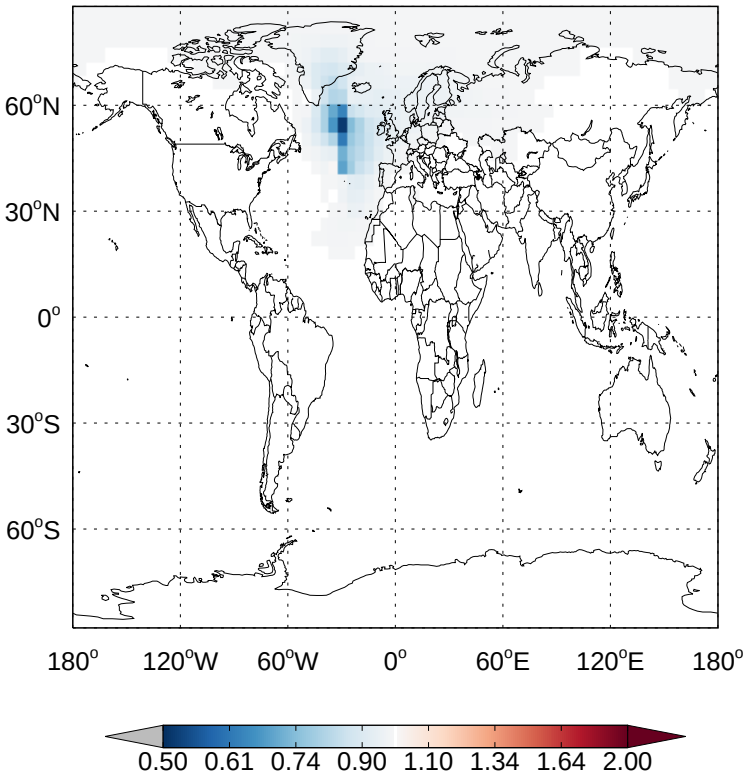
OClO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

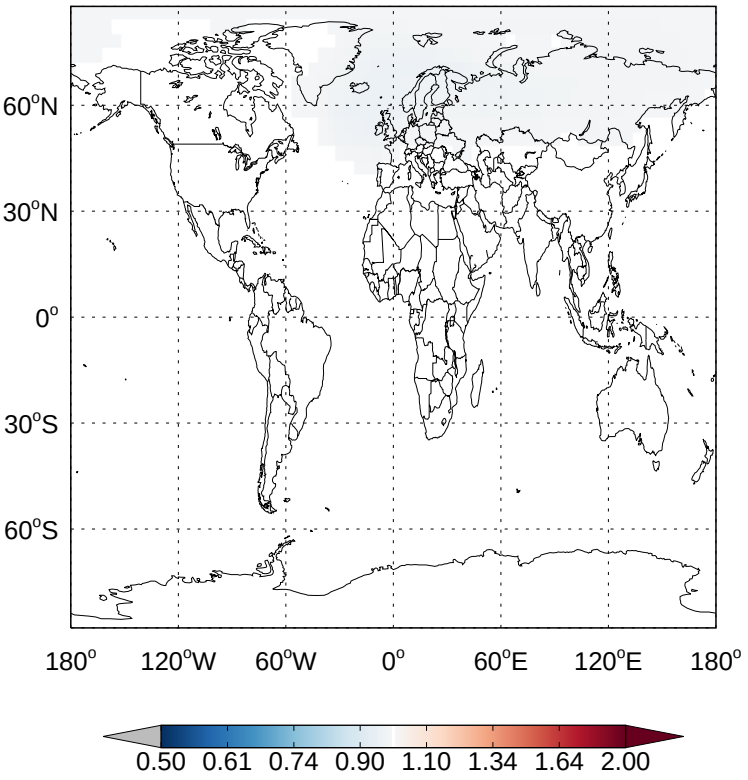
v11-01-public-Run0 / v11-01k-Run0

Cl2 / Ratio @ Surface for Oct



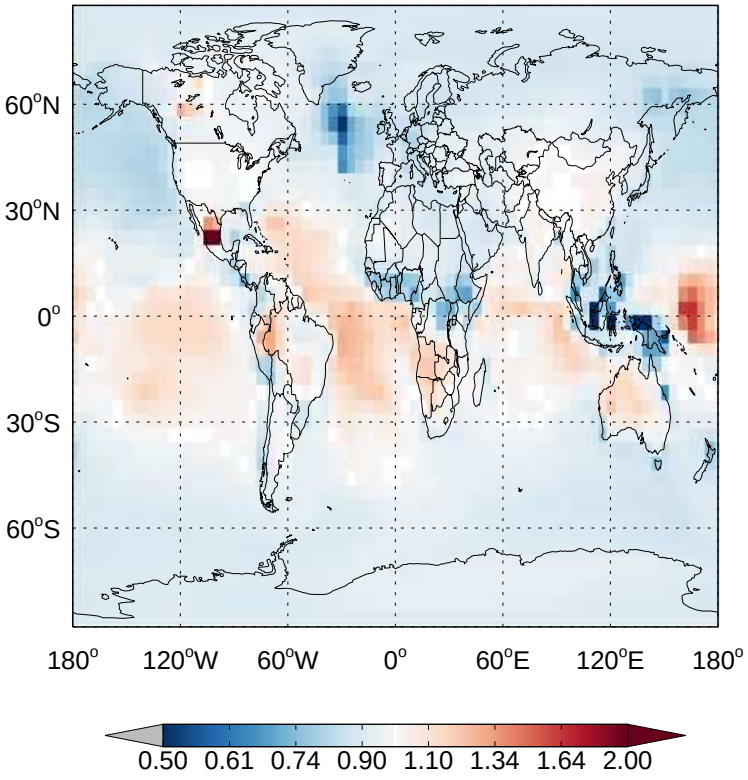
v11-01-public-Run0 / v11-01k-Run0

Cl2/ Ratio @ 500 hPa for Oct



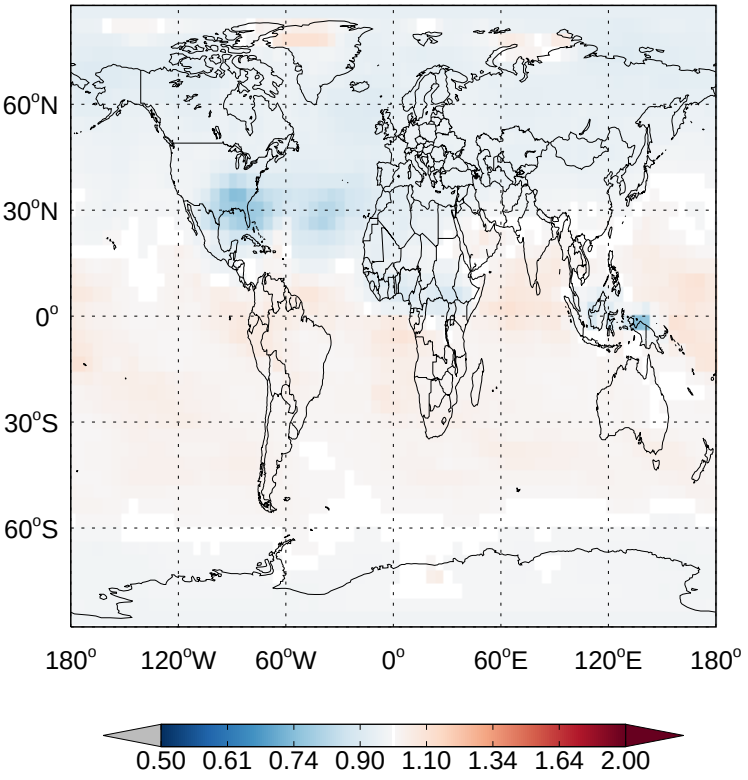
v11-01-public-Run0 / v11-01g-Run0

Cl2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

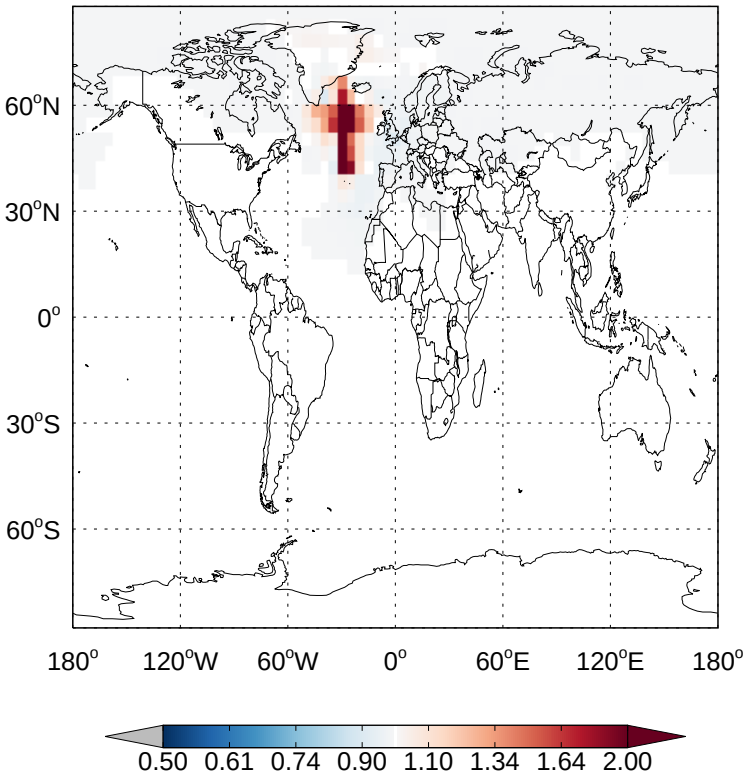
Cl2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

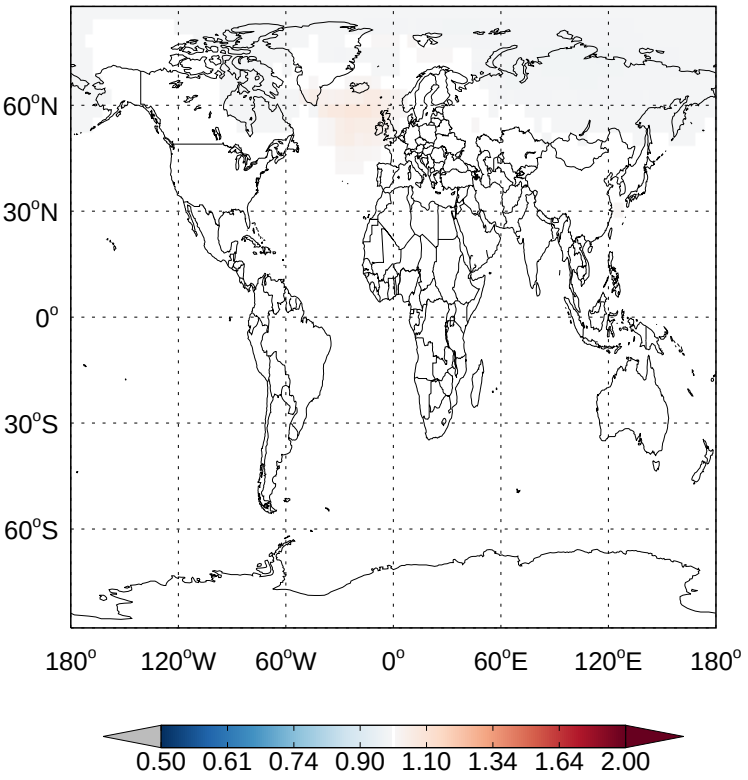
v11-01-public-Run0 / v11-01k-Run0

Cl2O2 / Ratio @ Surface for Oct



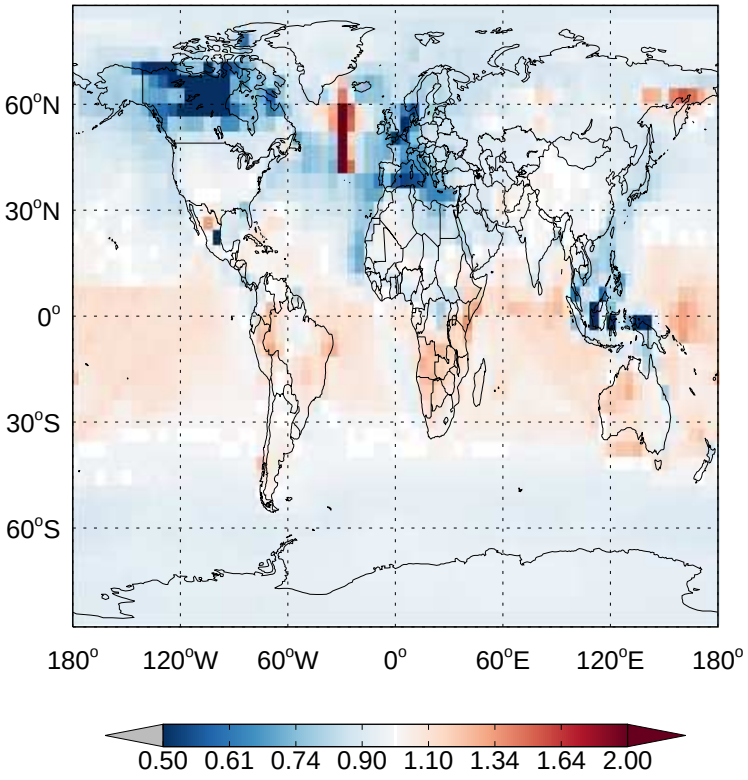
v11-01-public-Run0 / v11-01k-Run0

Cl2O2/ Ratio @ 500 hPa for Oct



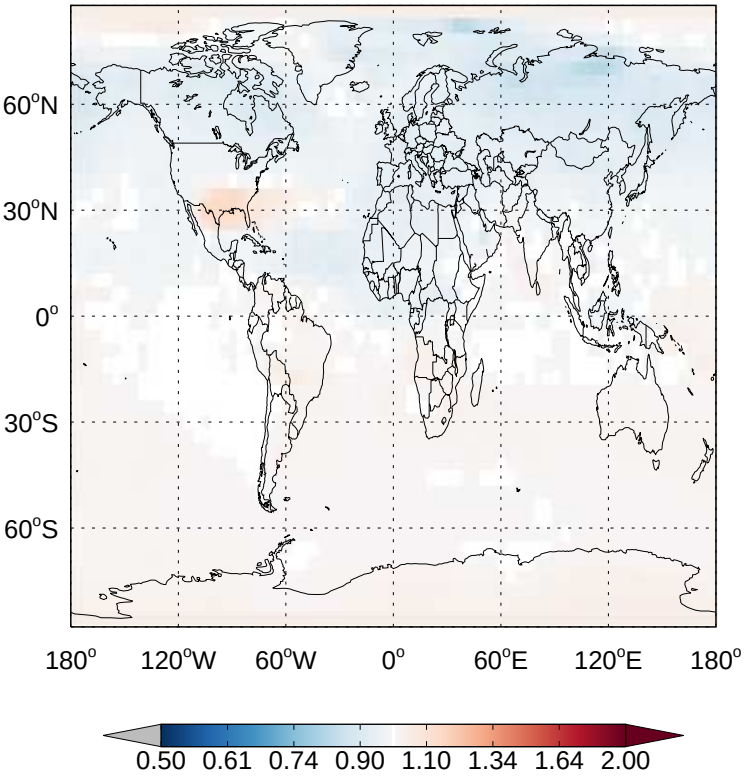
v11-01-public-Run0 / v11-01g-Run0

Cl2O2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

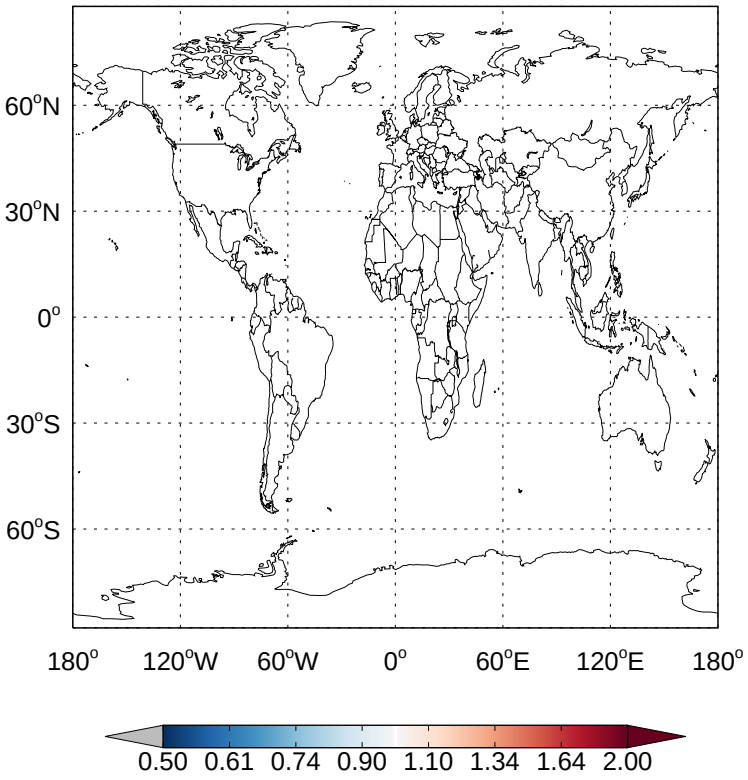
Cl2O2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

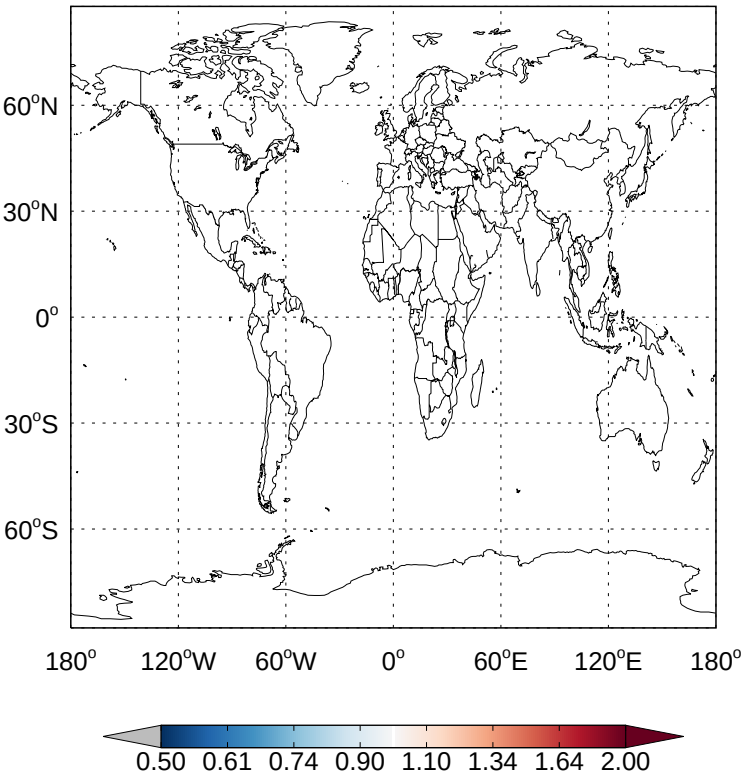
v11-01-public-Run0 / v11-01k-Run0

H2O / Ratio @ Surface for Oct



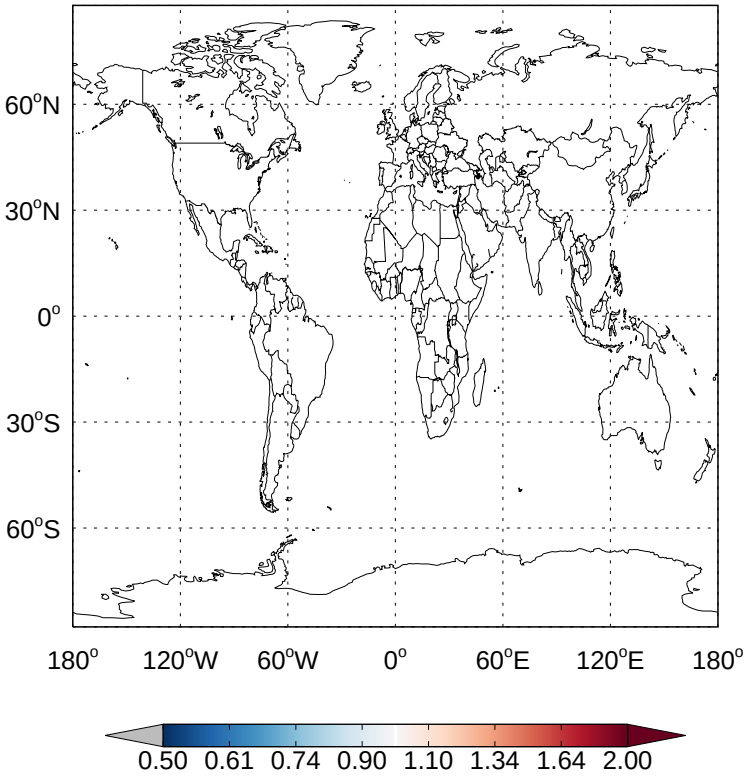
v11-01-public-Run0 / v11-01k-Run0

H2O/ Ratio @ 500 hPa for Oct



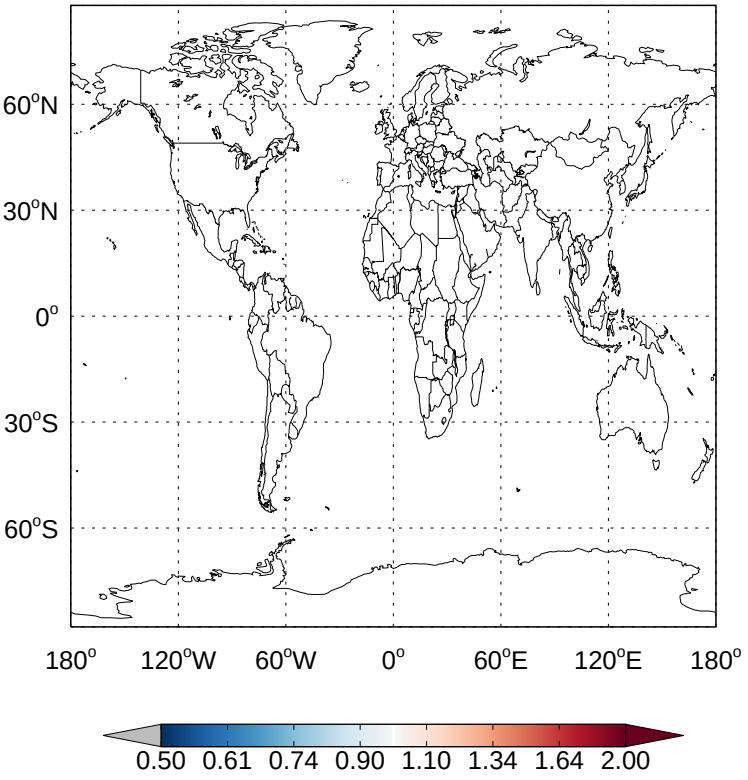
v11-01-public-Run0 / v11-01g-Run0

H2O / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

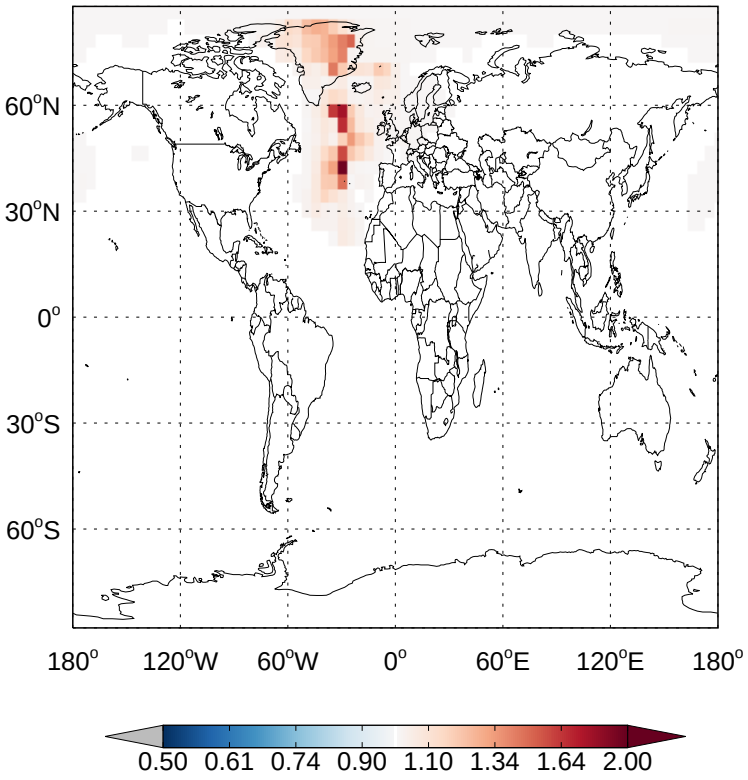
H2O/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

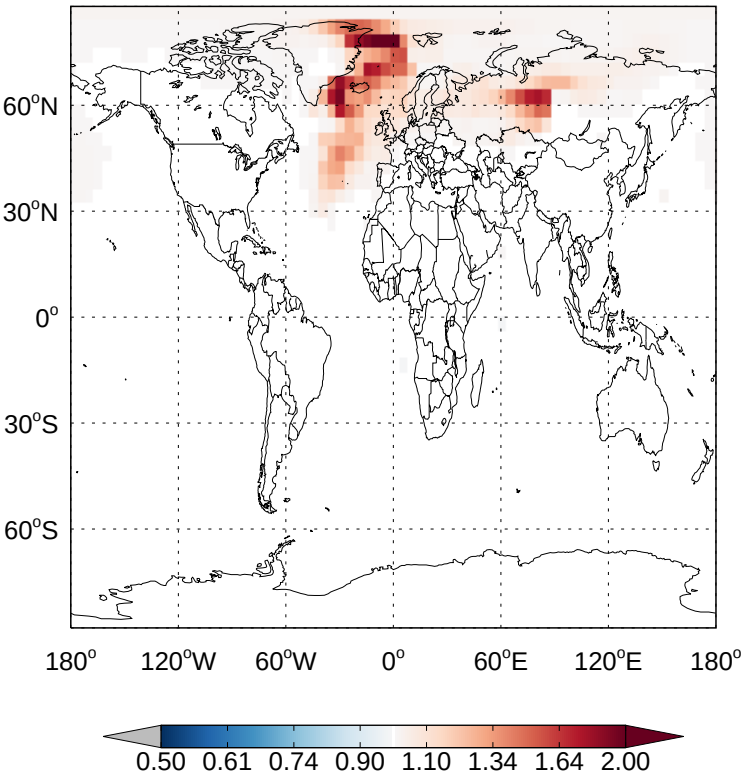
v11-01-public-Run0 / v11-01k-Run0

MTPA / Ratio @ Surface for Oct



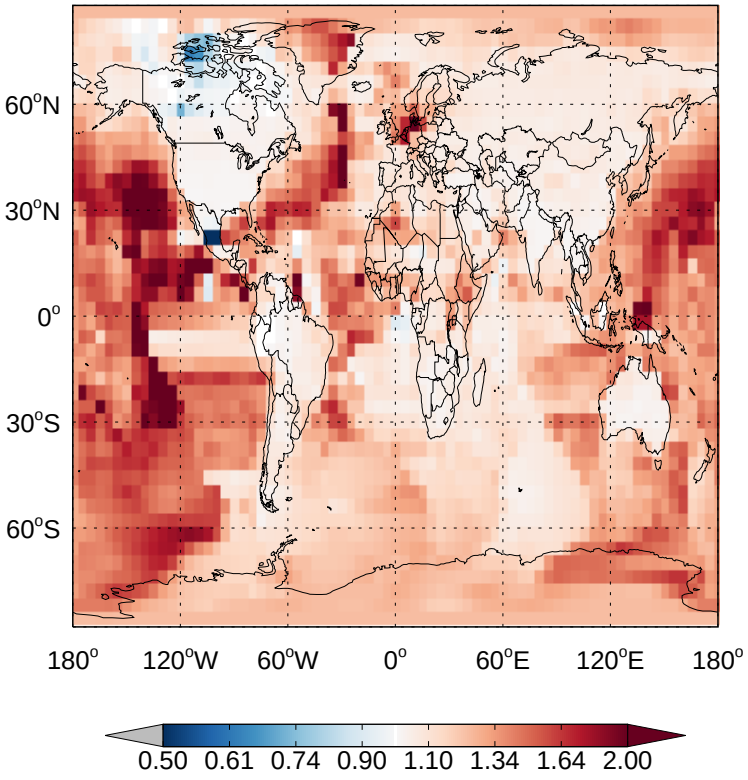
v11-01-public-Run0 / v11-01k-Run0

MTPA/ Ratio @ 500 hPa for Oct



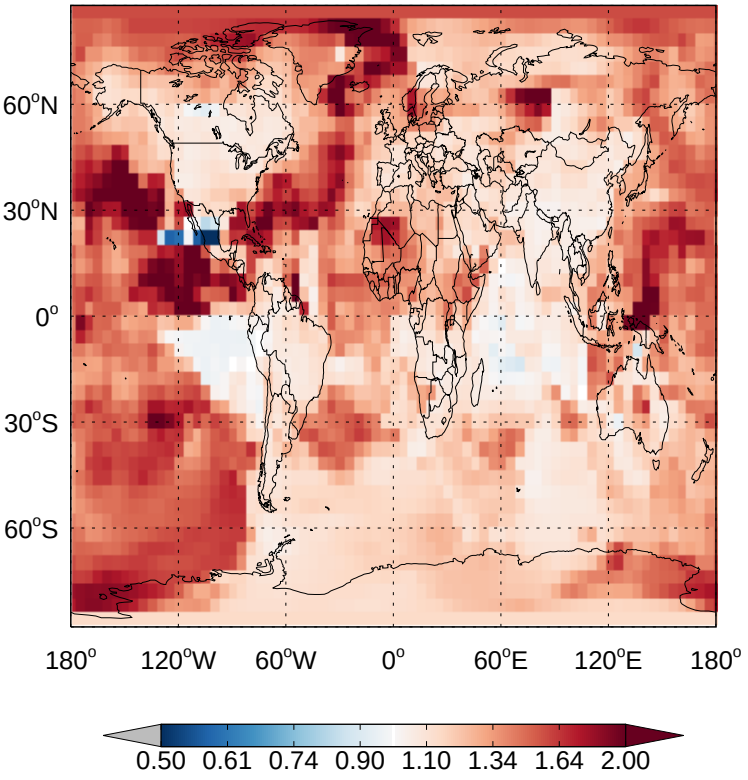
v11-01-public-Run0 / v11-01g-Run0

MTPA / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

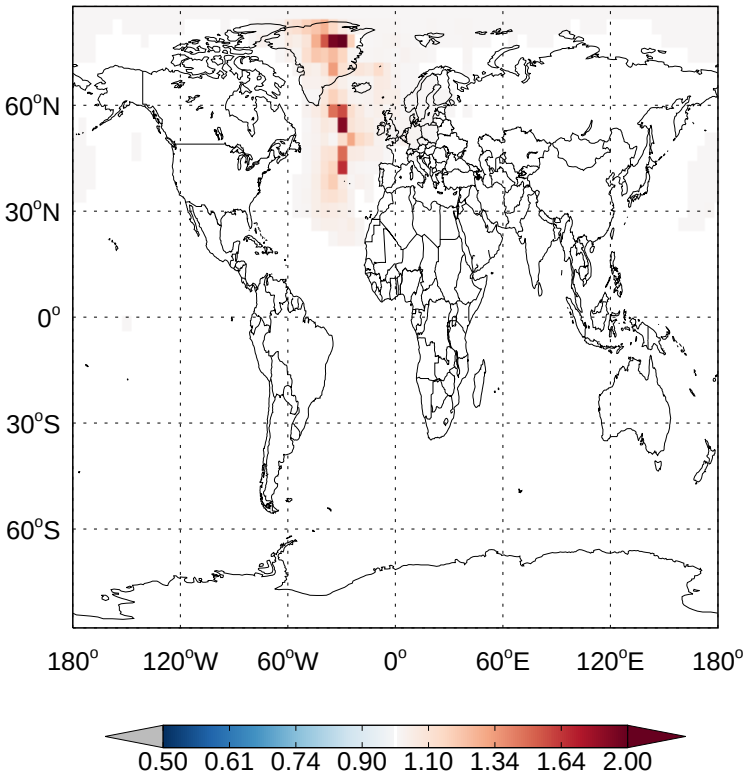
MTPA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

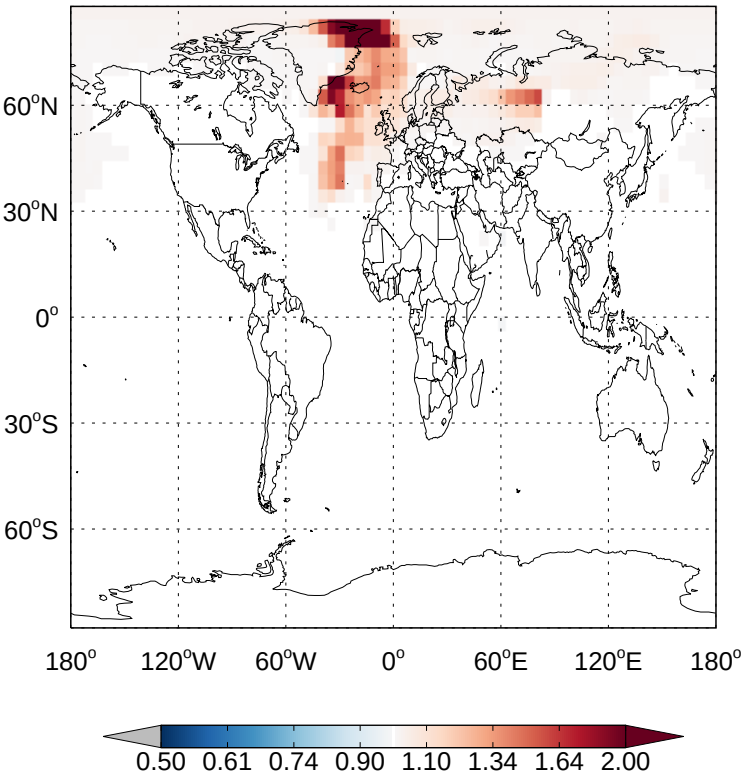
v11-01-public-Run0 / v11-01k-Run0

LIMO / Ratio @ Surface for Oct



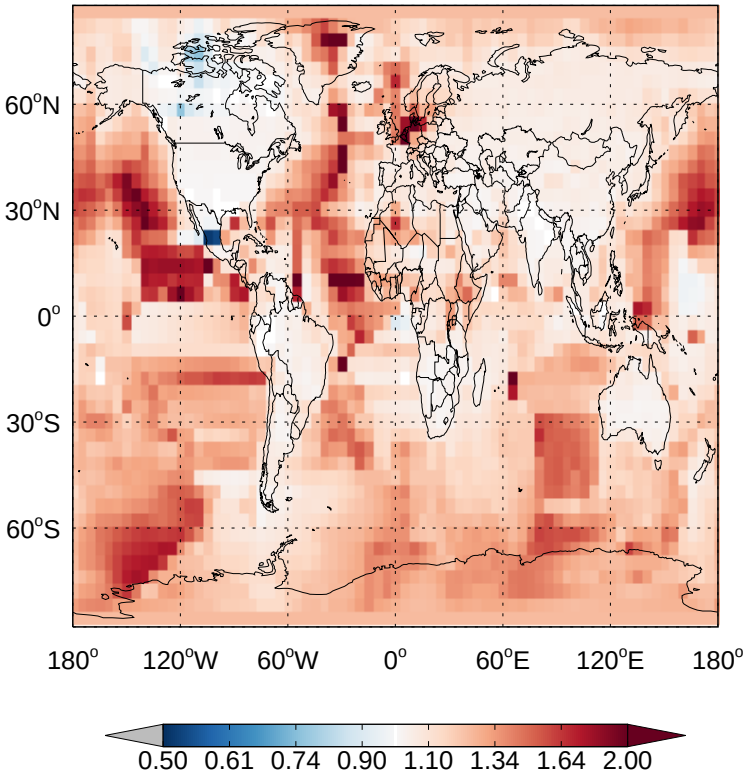
v11-01-public-Run0 / v11-01k-Run0

LIMO/ Ratio @ 500 hPa for Oct



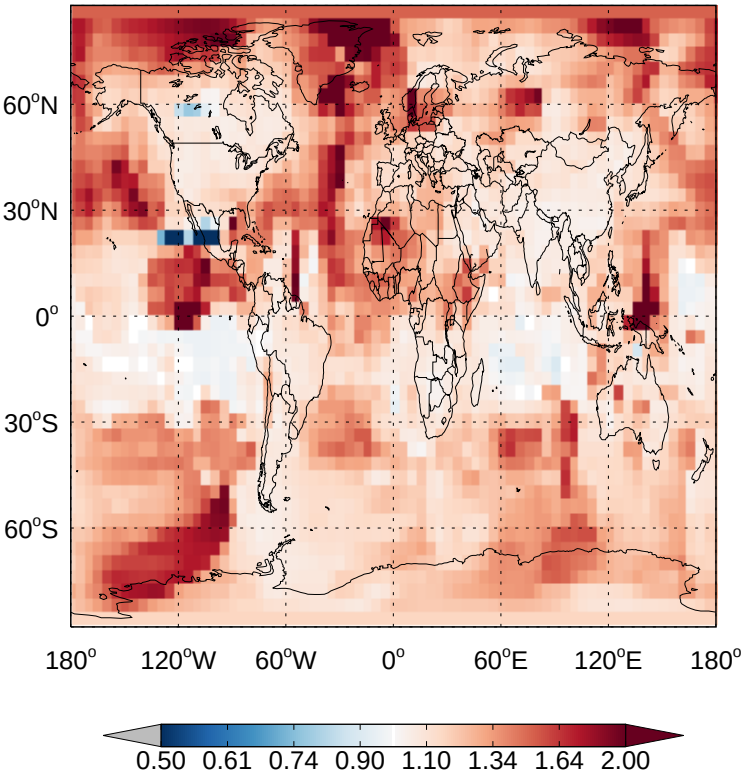
v11-01-public-Run0 / v11-01g-Run0

LIMO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

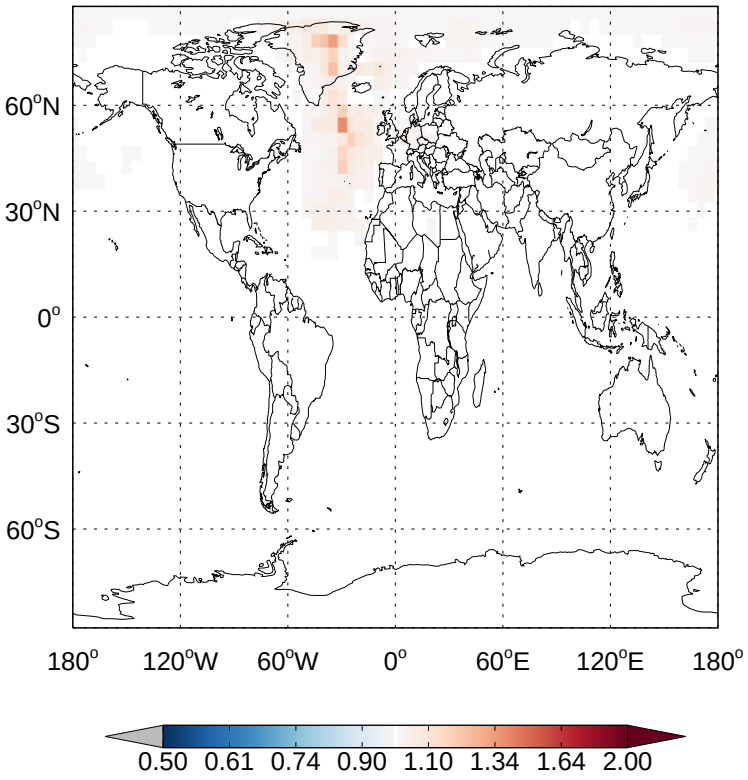
LIMO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

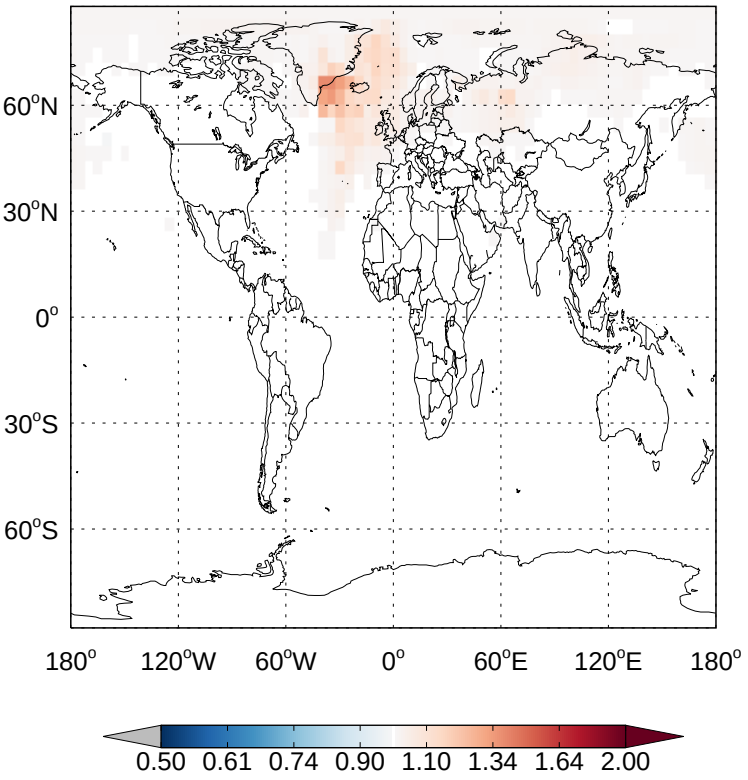
v11-01-public-Run0 / v11-01k-Run0

MTPO / Ratio @ Surface for Oct



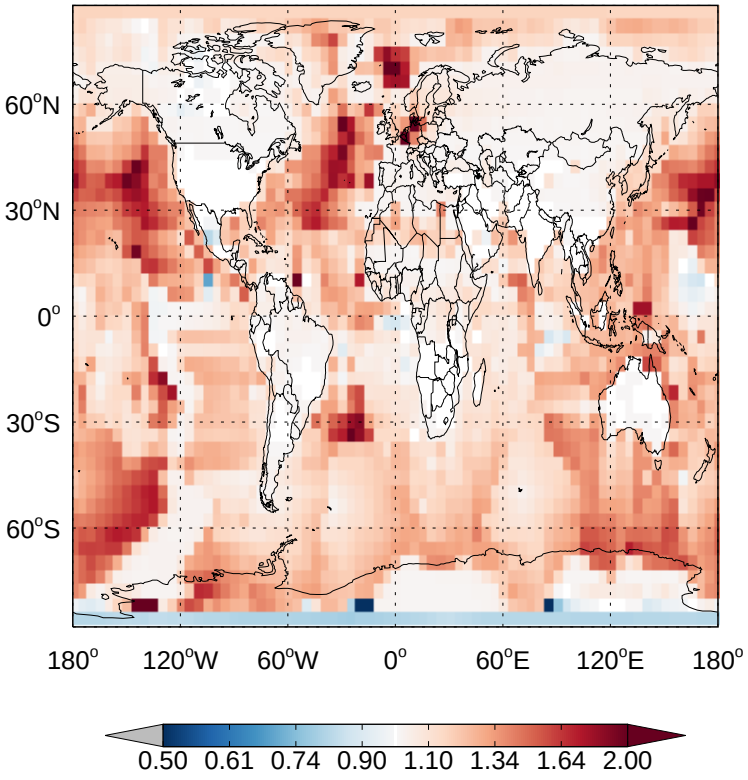
v11-01-public-Run0 / v11-01k-Run0

MTPO/ Ratio @ 500 hPa for Oct



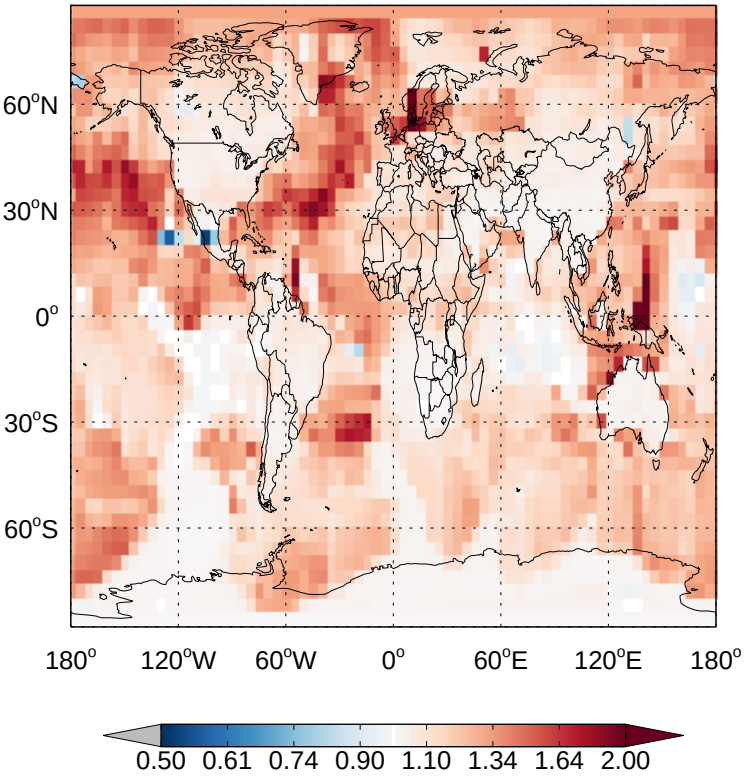
v11-01-public-Run0 / v11-01g-Run0

MTPO / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

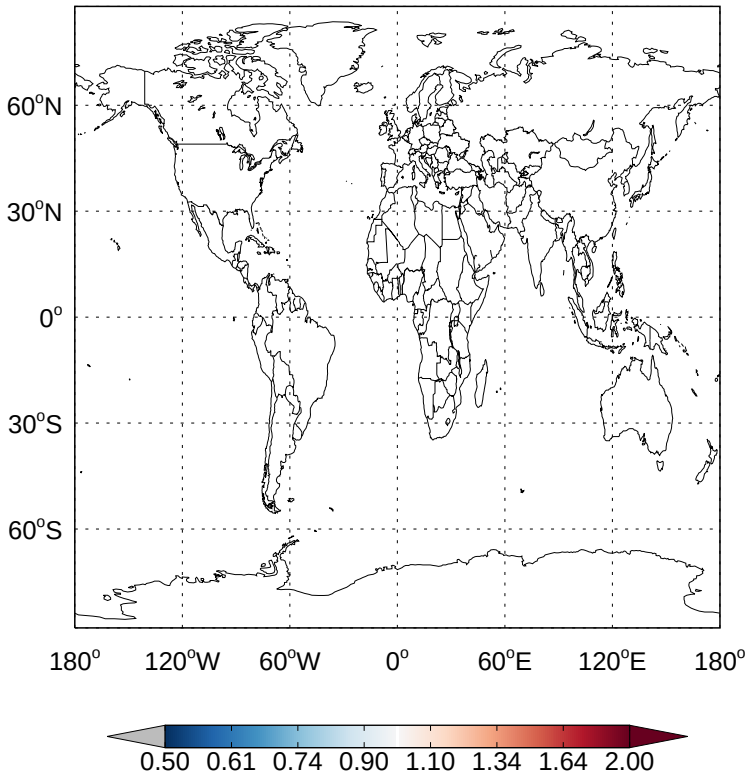
MTPO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

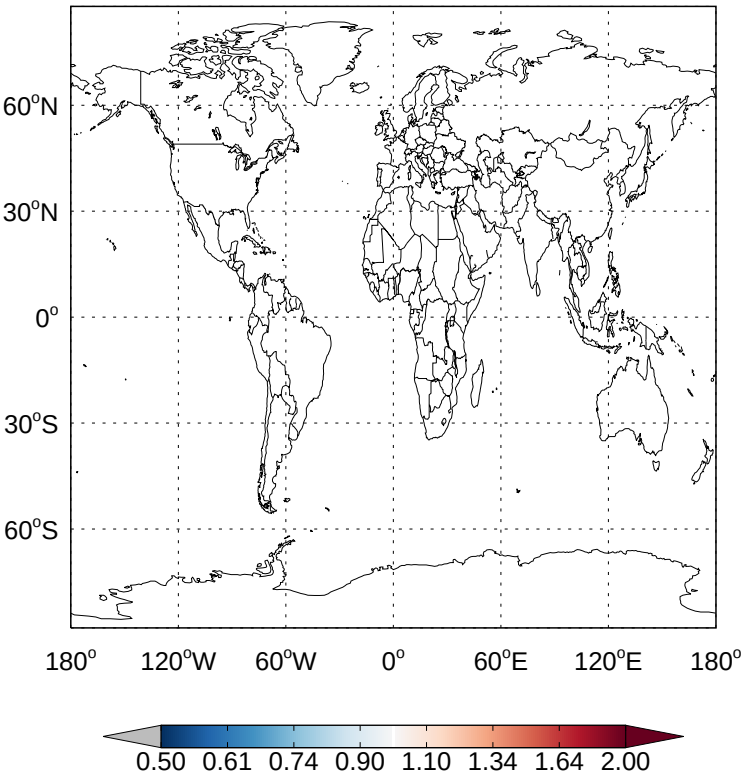
v11-01-public-Run0 / v11-01k-Run0

TSOG1 / Ratio @ Surface for Oct



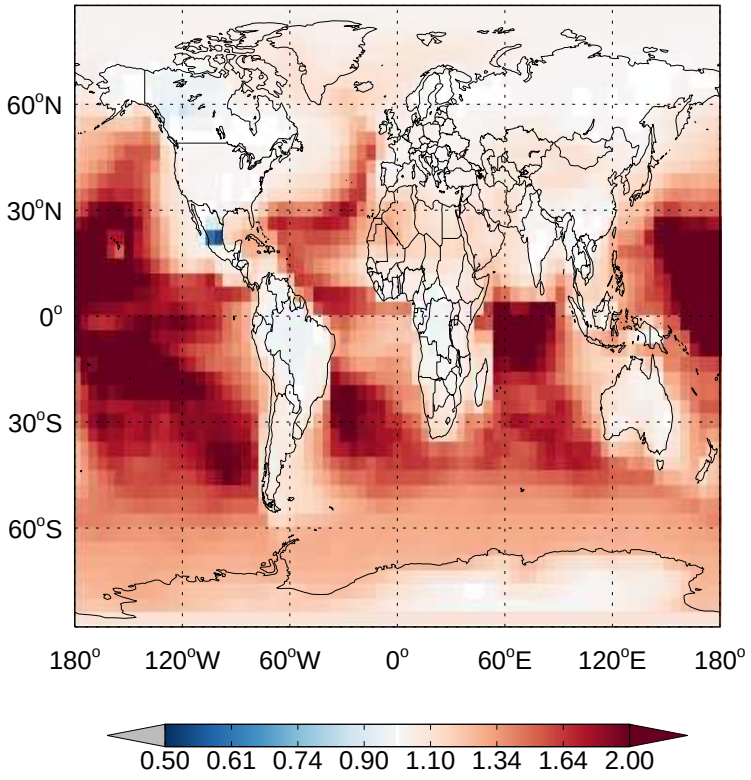
v11-01-public-Run0 / v11-01k-Run0

TSOG1/ Ratio @ 500 hPa for Oct



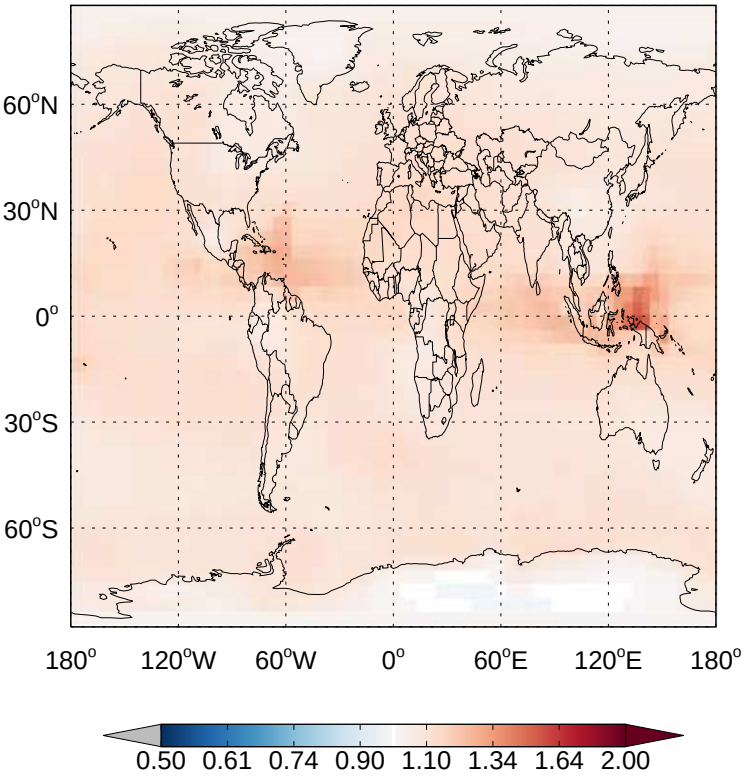
v11-01-public-Run0 / v11-01g-Run0

TSOG1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

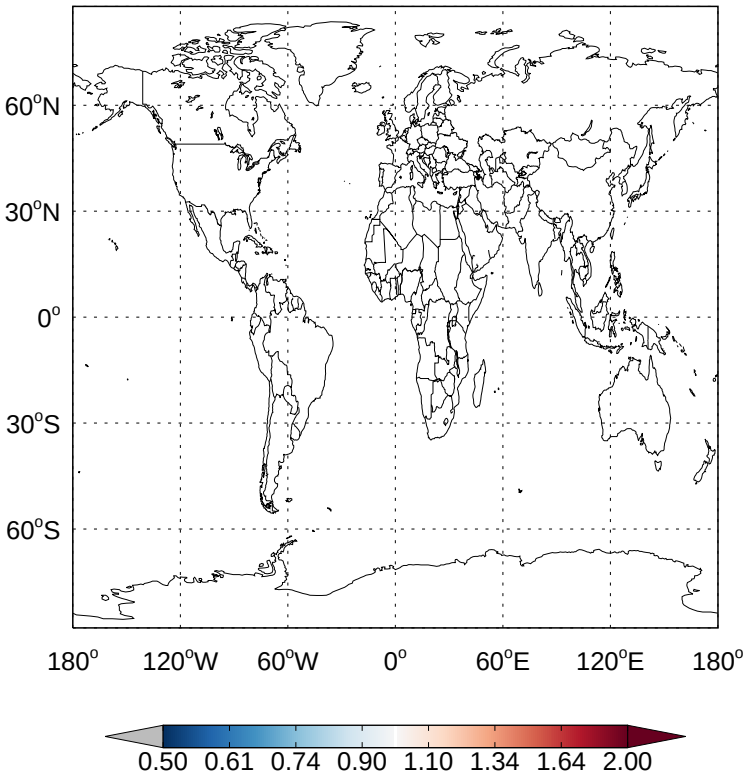
TSOG1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

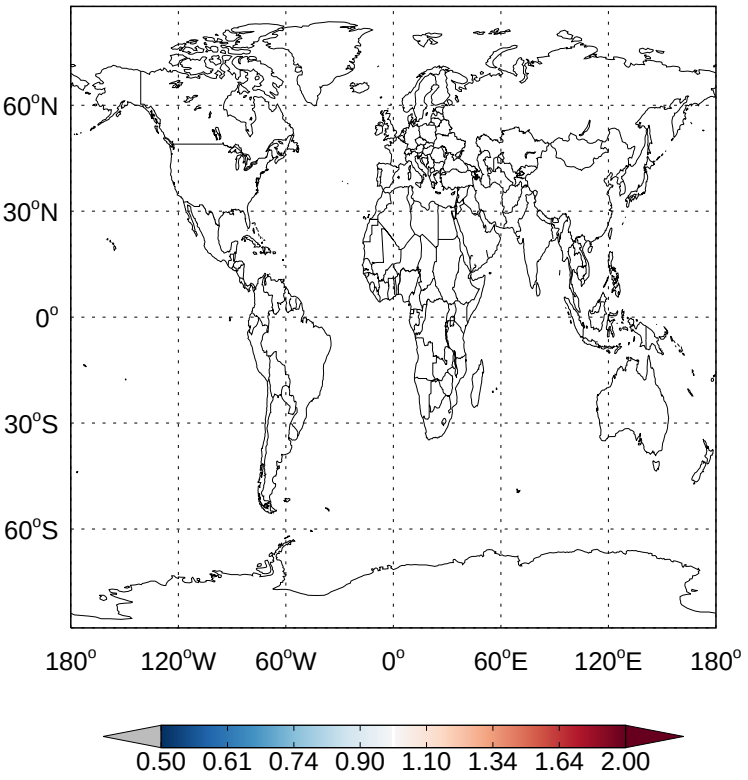
v11-01-public-Run0 / v11-01k-Run0

TSOG2 / Ratio @ Surface for Oct



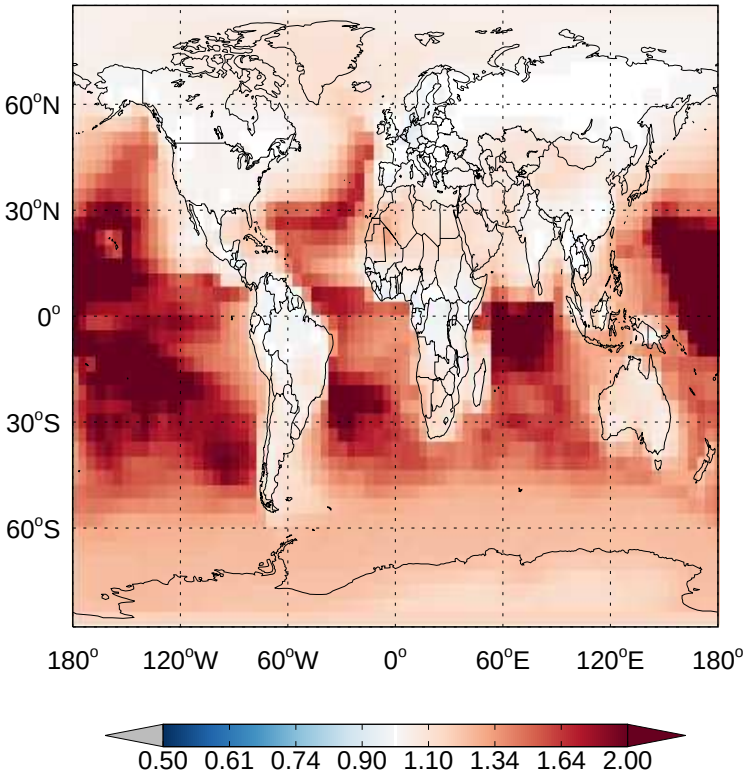
v11-01-public-Run0 / v11-01k-Run0

TSOG2/ Ratio @ 500 hPa for Oct



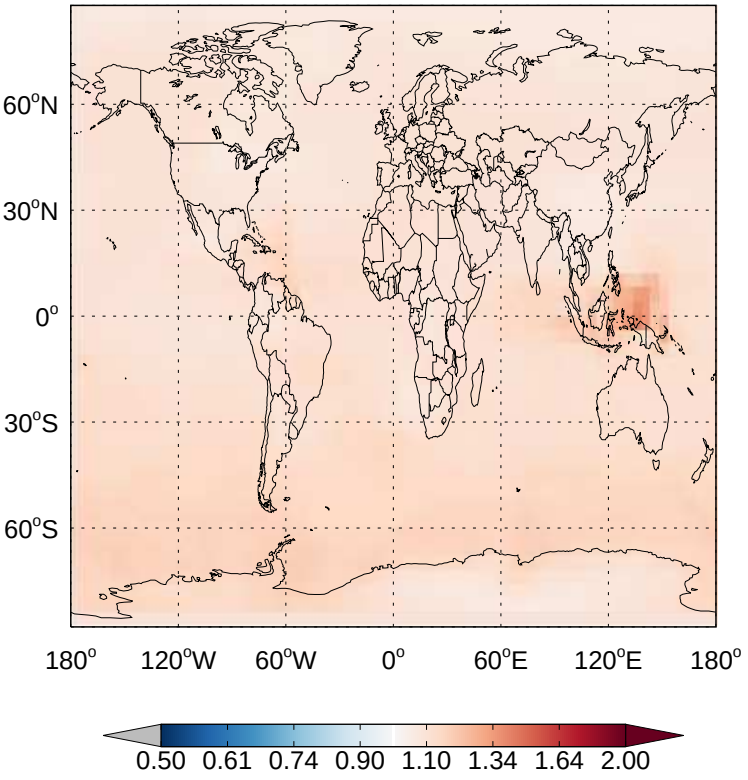
v11-01-public-Run0 / v11-01g-Run0

TSOG2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

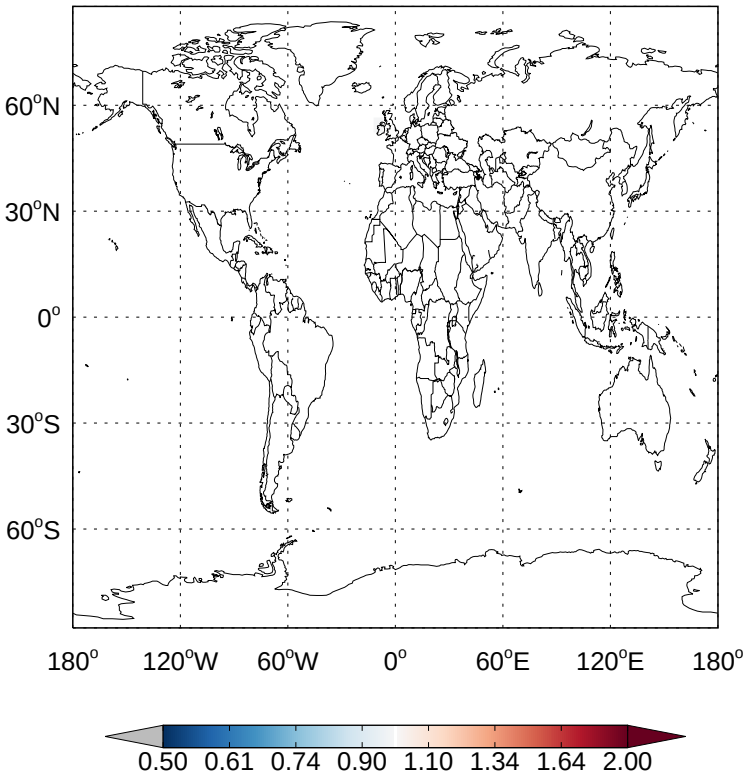
TSOG2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

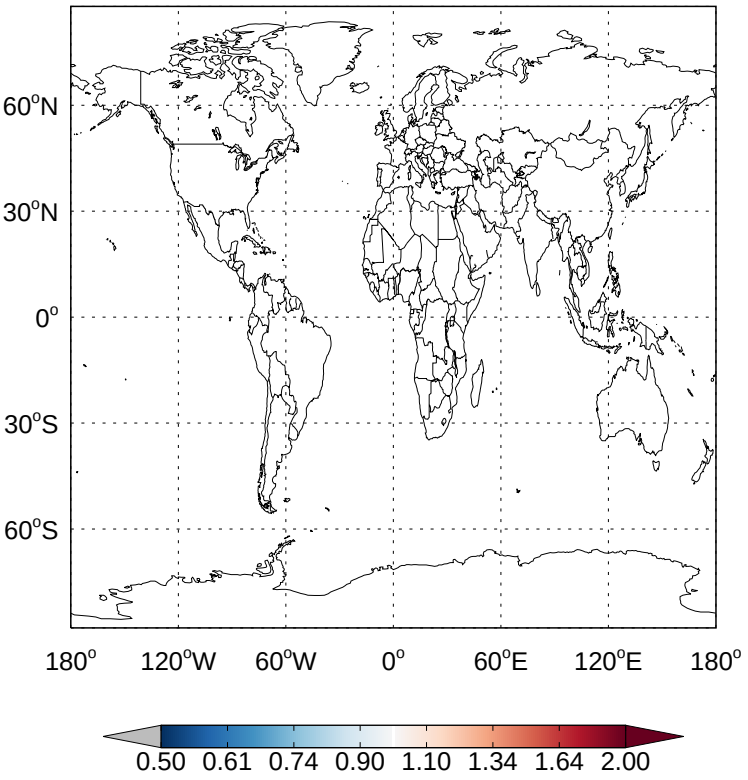
v11-01-public-Run0 / v11-01k-Run0

TSOG3 / Ratio @ Surface for Oct



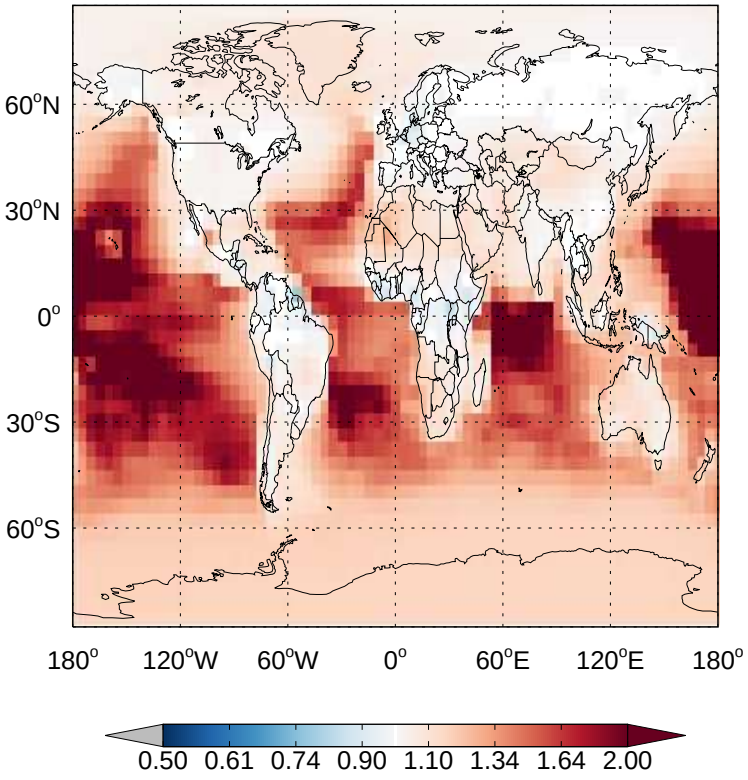
v11-01-public-Run0 / v11-01k-Run0

TSOG3/ Ratio @ 500 hPa for Oct



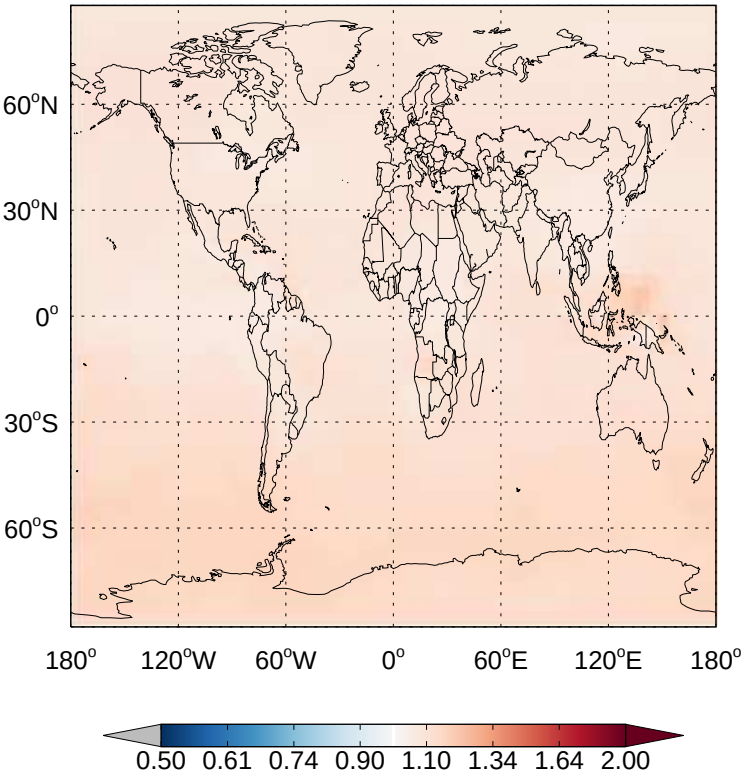
v11-01-public-Run0 / v11-01g-Run0

TSOG3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

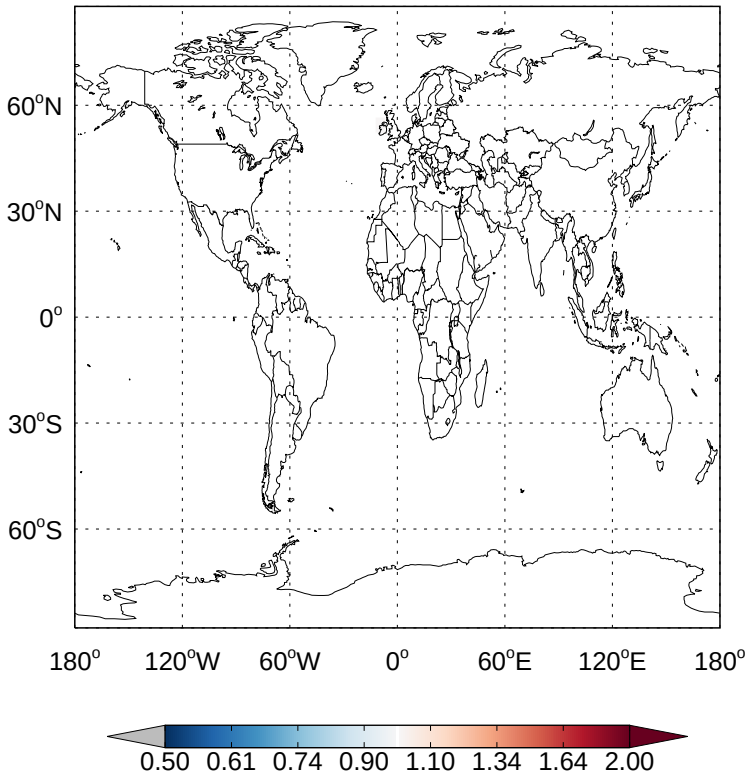
TSOG3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

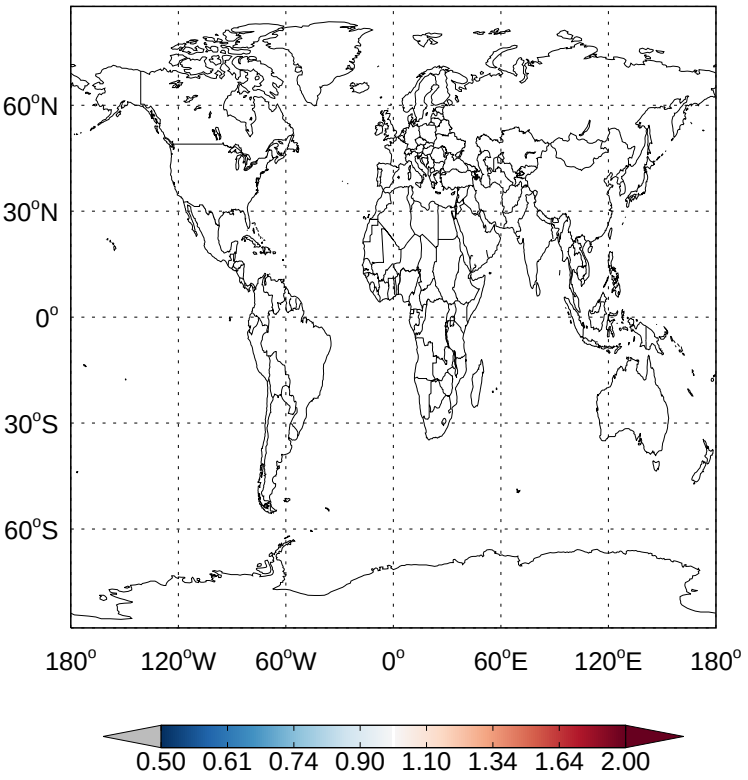
v11-01-public-Run0 / v11-01k-Run0

TSOG0 / Ratio @ Surface for Oct



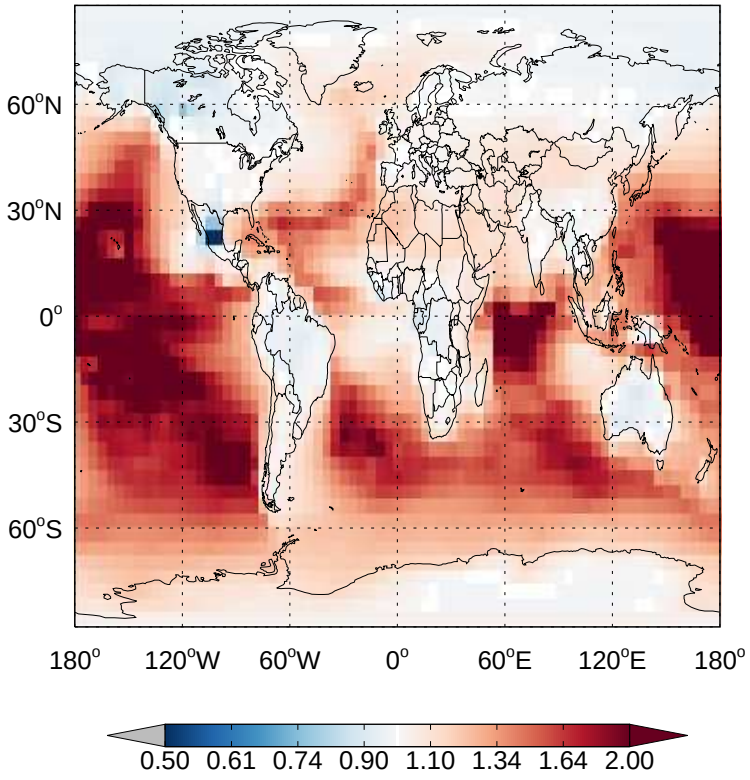
v11-01-public-Run0 / v11-01k-Run0

TSOG0/ Ratio @ 500 hPa for Oct



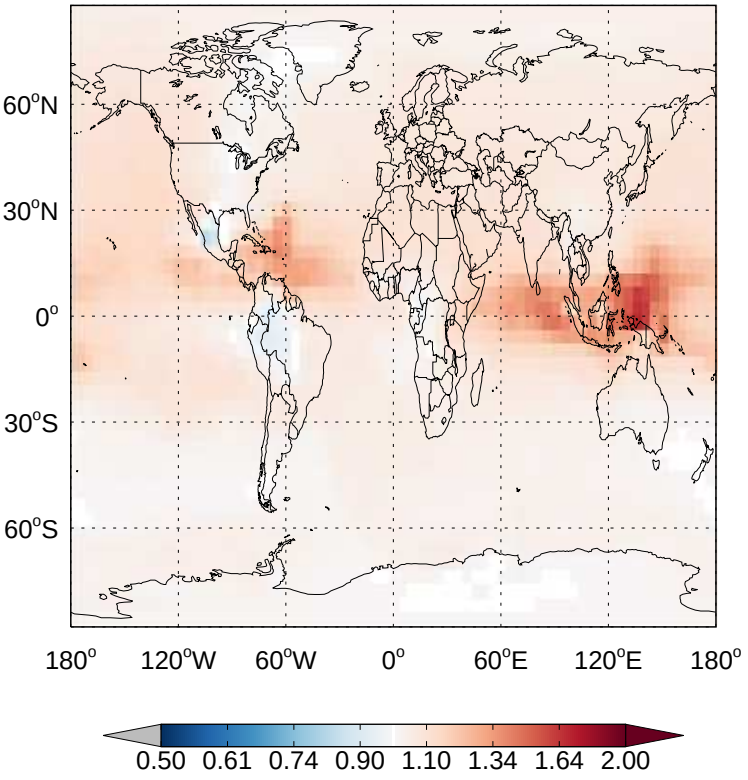
v11-01-public-Run0 / v11-01g-Run0

TSOG0 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

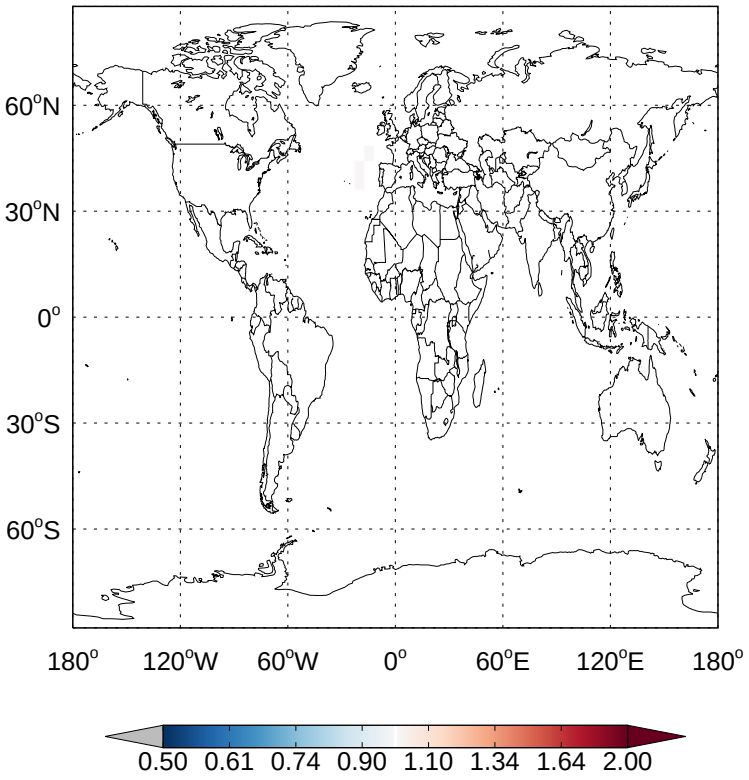
TSOG0/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

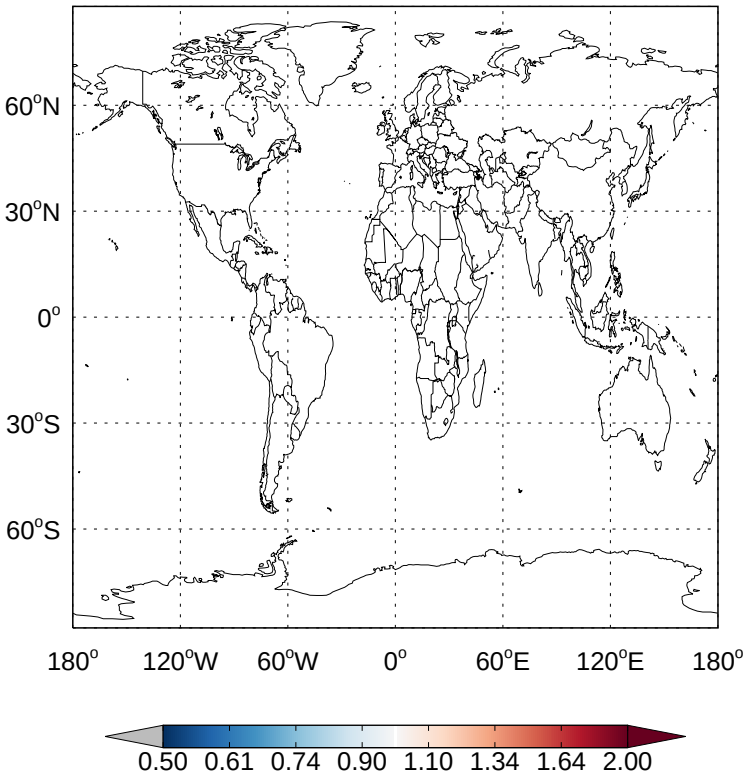
v11-01-public-Run0 / v11-01k-Run0

TSOA1 / Ratio @ Surface for Oct



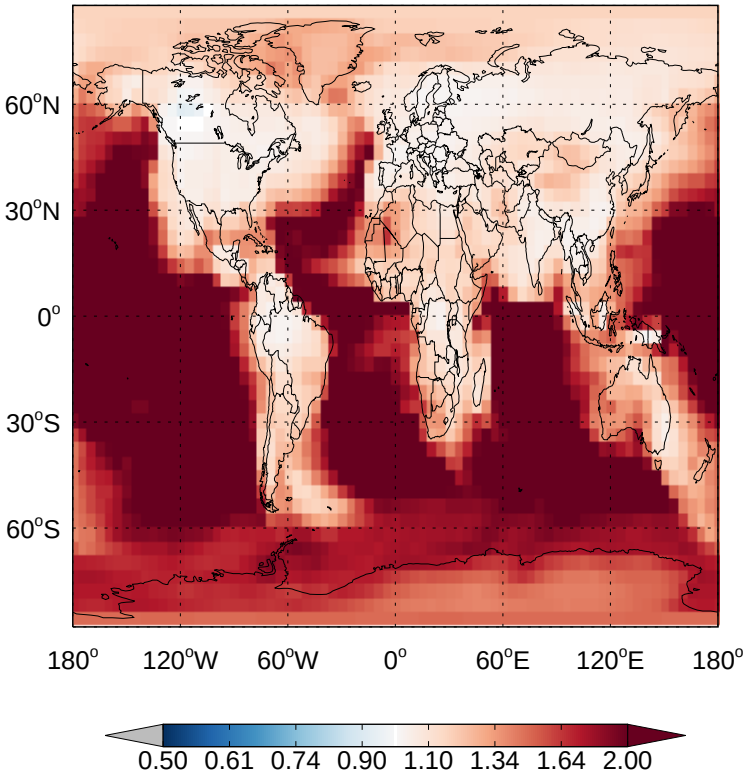
v11-01-public-Run0 / v11-01k-Run0

TSOA1/ Ratio @ 500 hPa for Oct



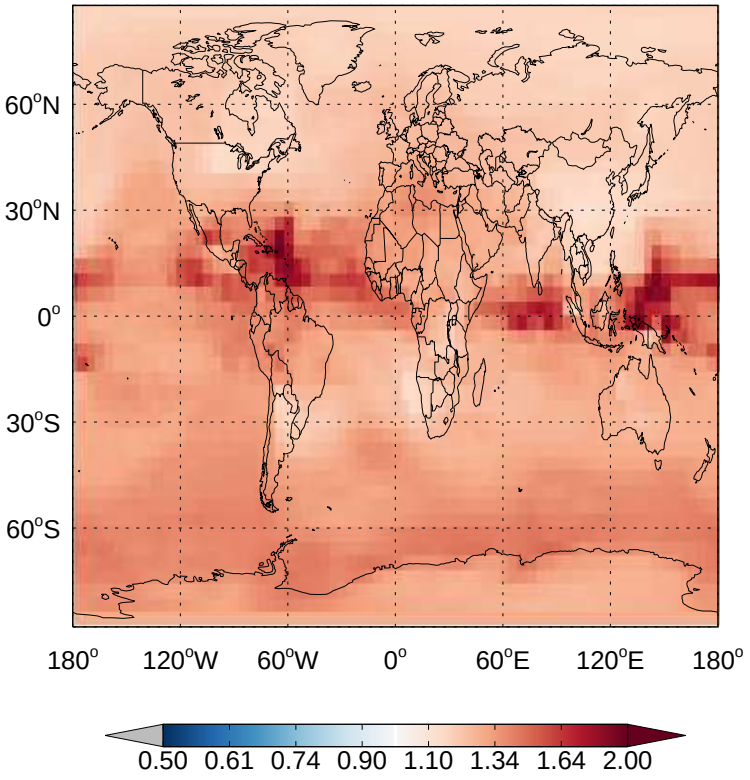
v11-01-public-Run0 / v11-01g-Run0

TSOA1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

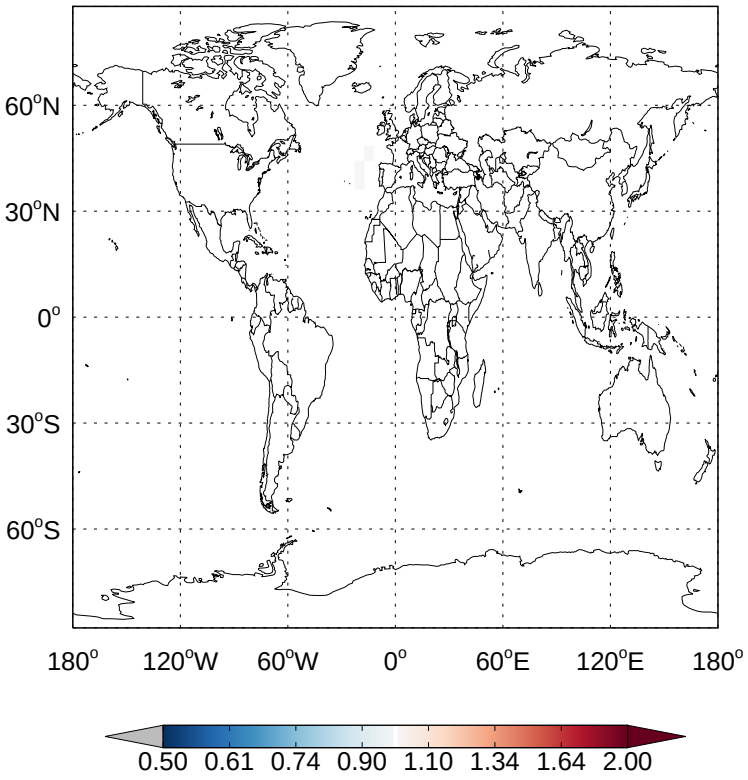
TSOA1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

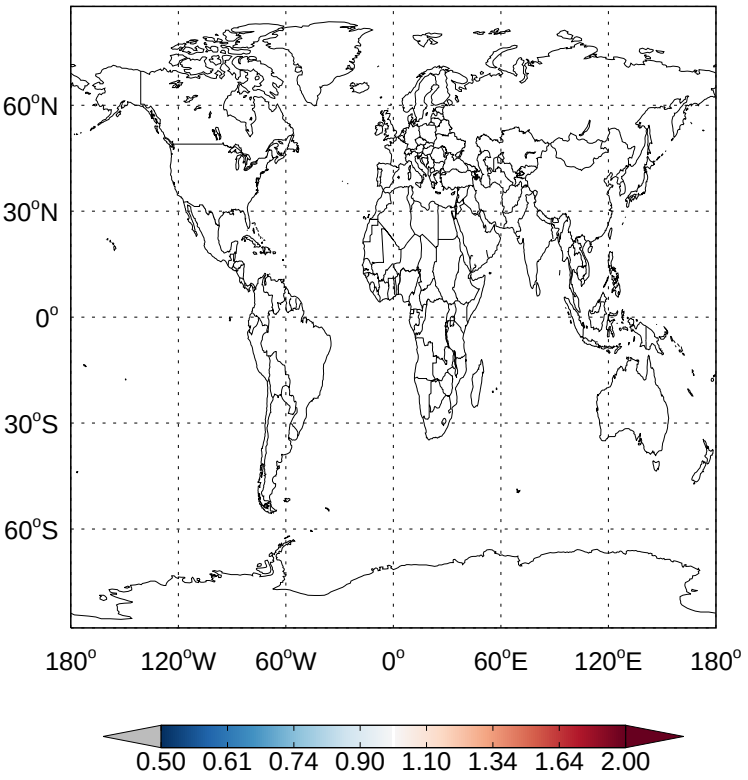
v11-01-public-Run0 / v11-01k-Run0

TSOA2 / Ratio @ Surface for Oct



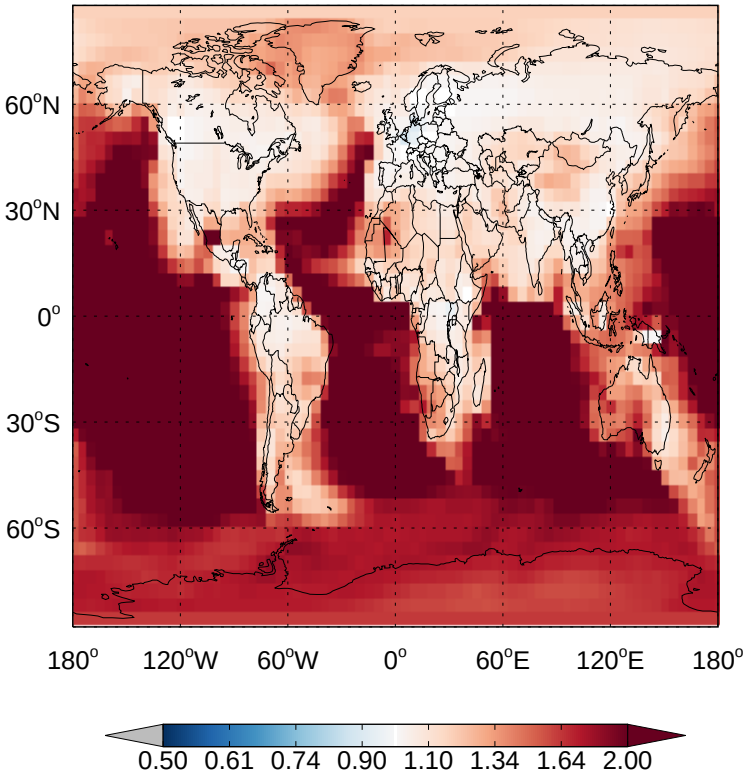
v11-01-public-Run0 / v11-01k-Run0

TSOA2/ Ratio @ 500 hPa for Oct



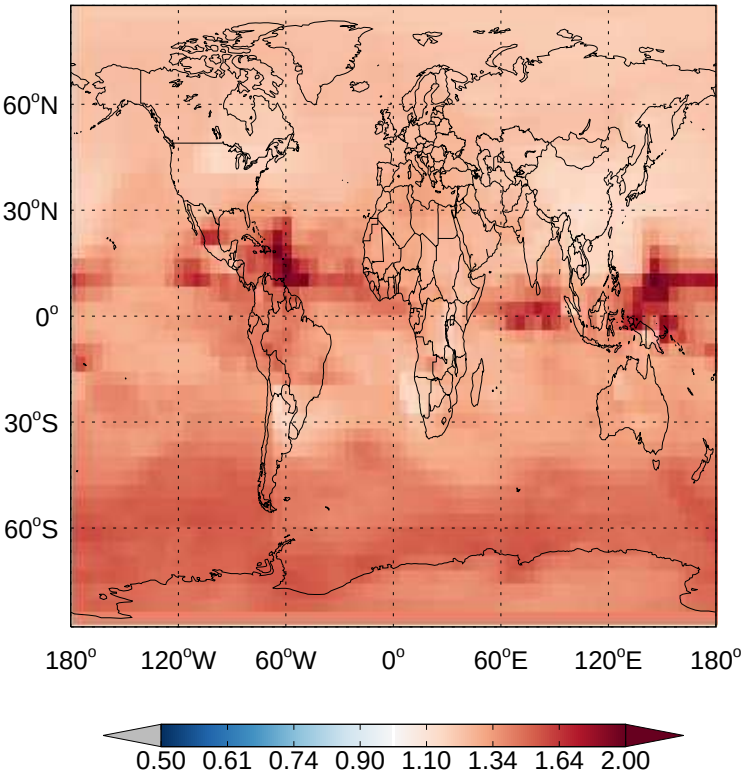
v11-01-public-Run0 / v11-01g-Run0

TSOA2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

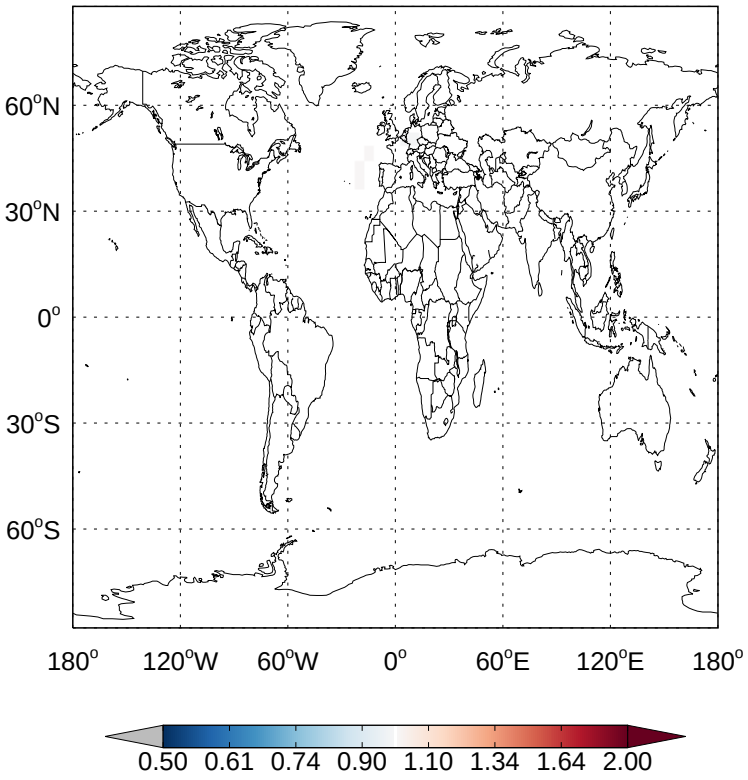
TSOA2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

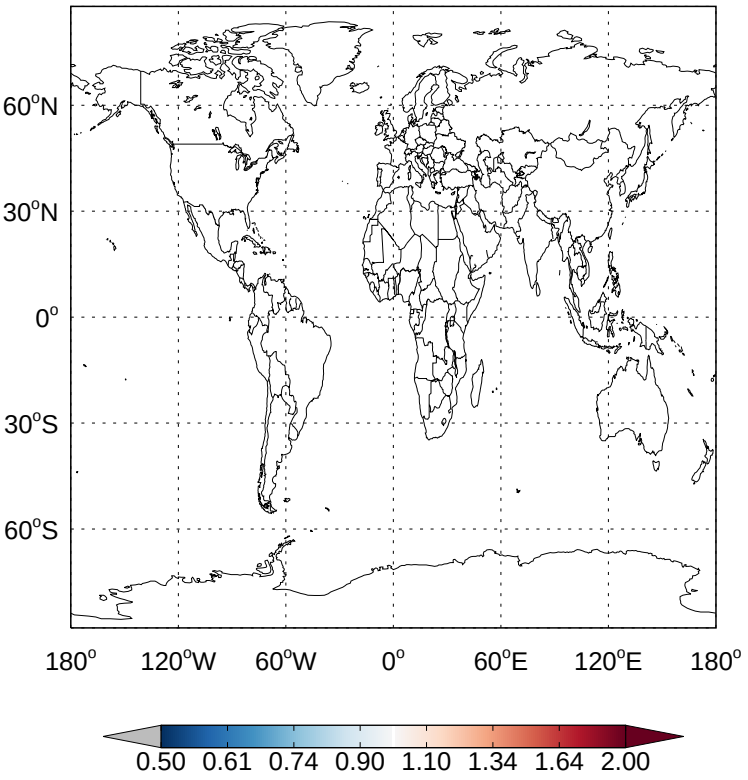
v11-01-public-Run0 / v11-01k-Run0

TSOA3 / Ratio @ Surface for Oct



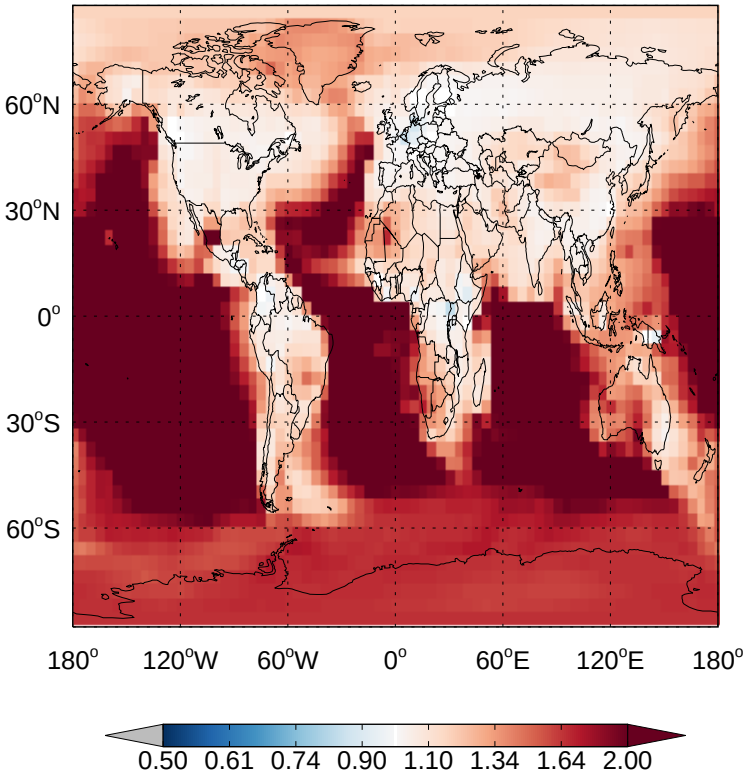
v11-01-public-Run0 / v11-01k-Run0

TSOA3/ Ratio @ 500 hPa for Oct



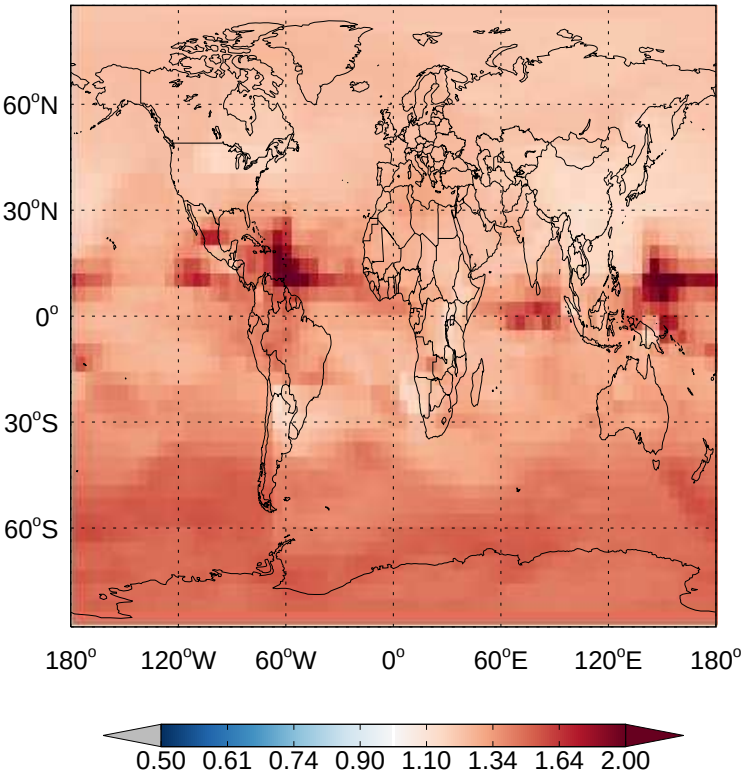
v11-01-public-Run0 / v11-01g-Run0

TSOA3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

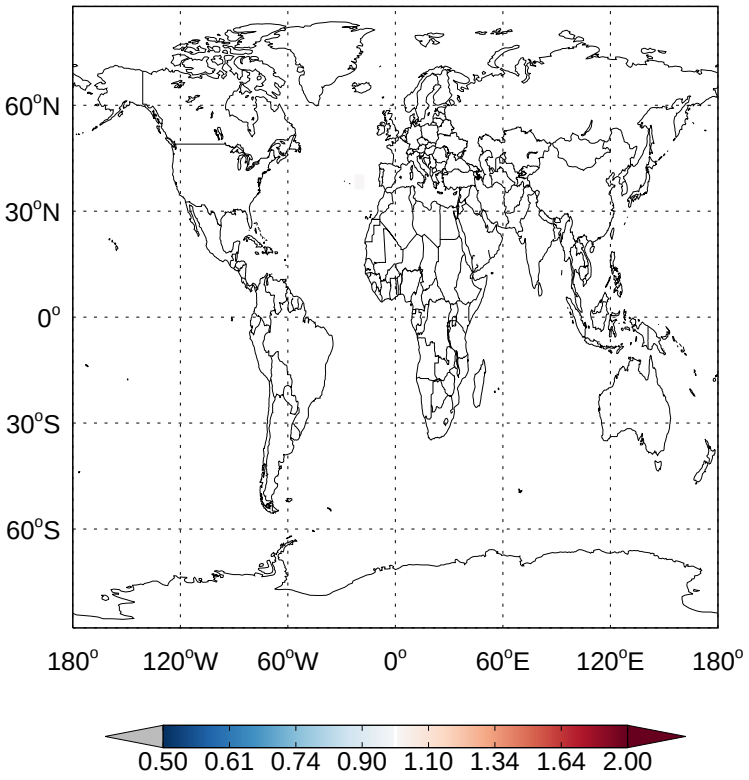
TSOA3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

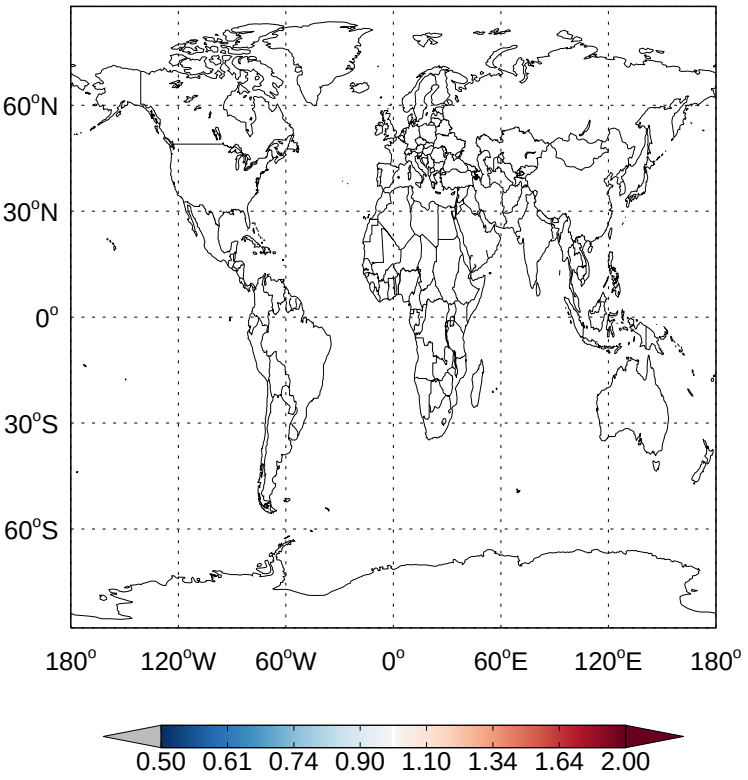
v11-01-public-Run0 / v11-01k-Run0

TSOA0 / Ratio @ Surface for Oct



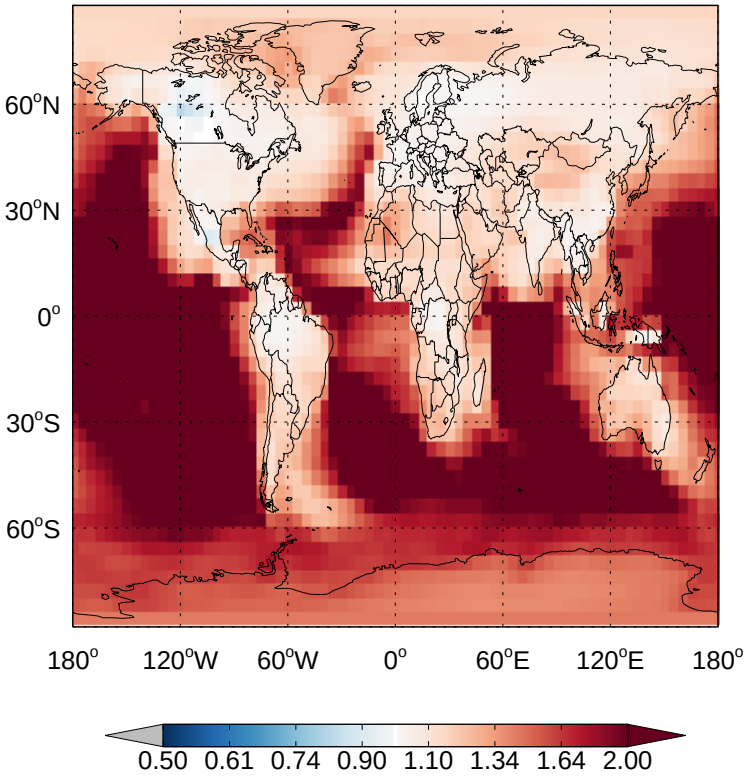
v11-01-public-Run0 / v11-01k-Run0

TSOA0/ Ratio @ 500 hPa for Oct



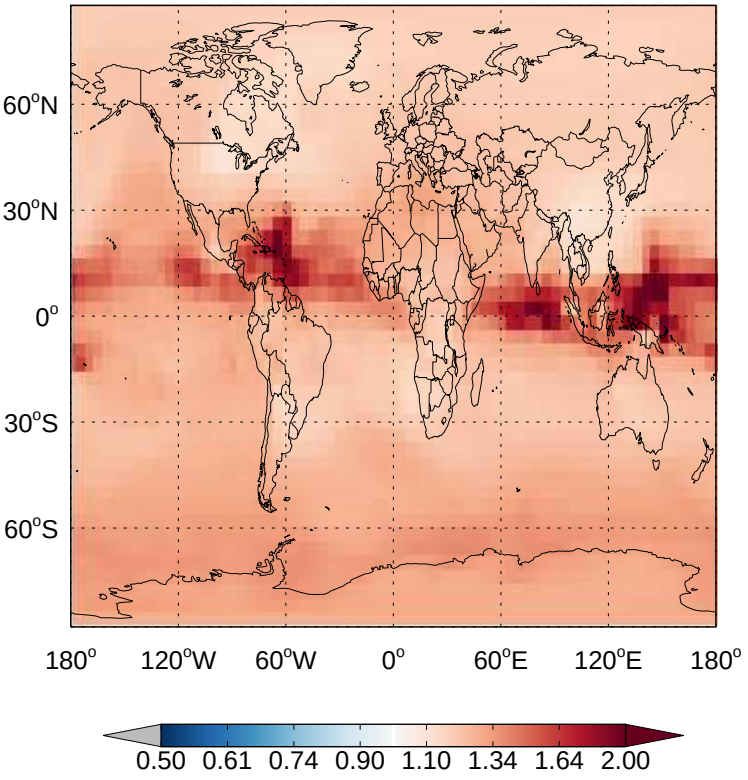
v11-01-public-Run0 / v11-01g-Run0

TSOA0 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

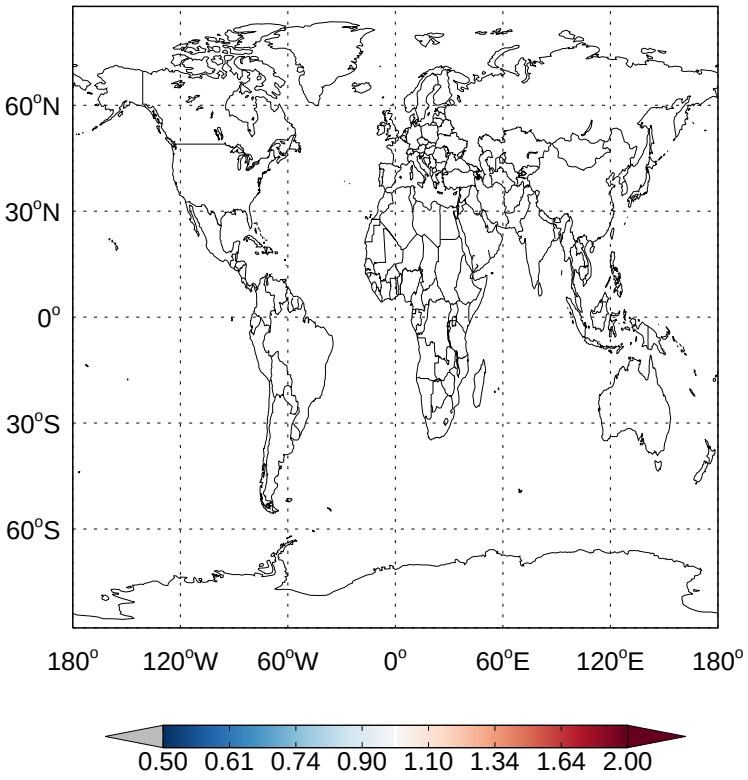
TSOA0/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

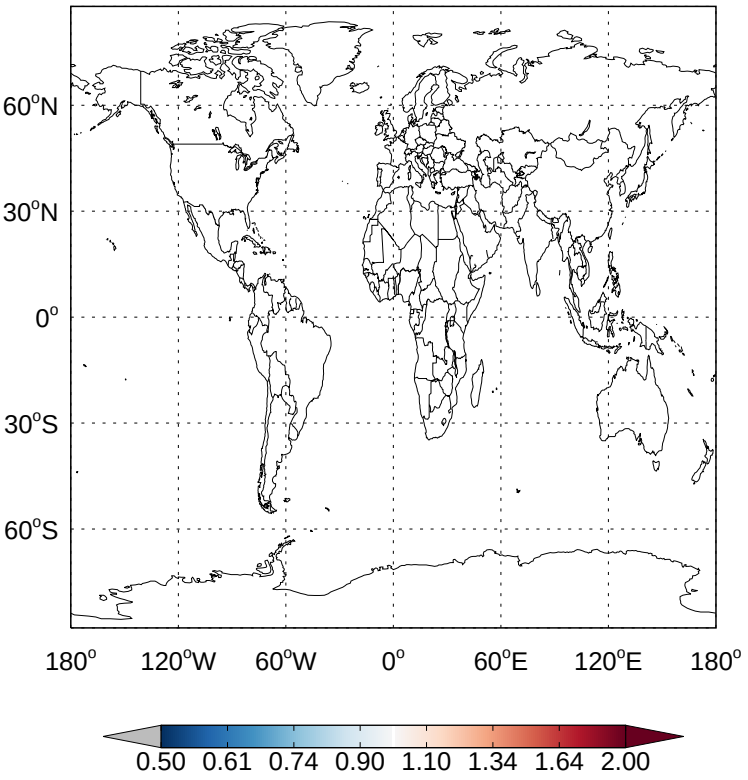
v11-01-public-Run0 / v11-01k-Run0

ISOG1 / Ratio @ Surface for Oct



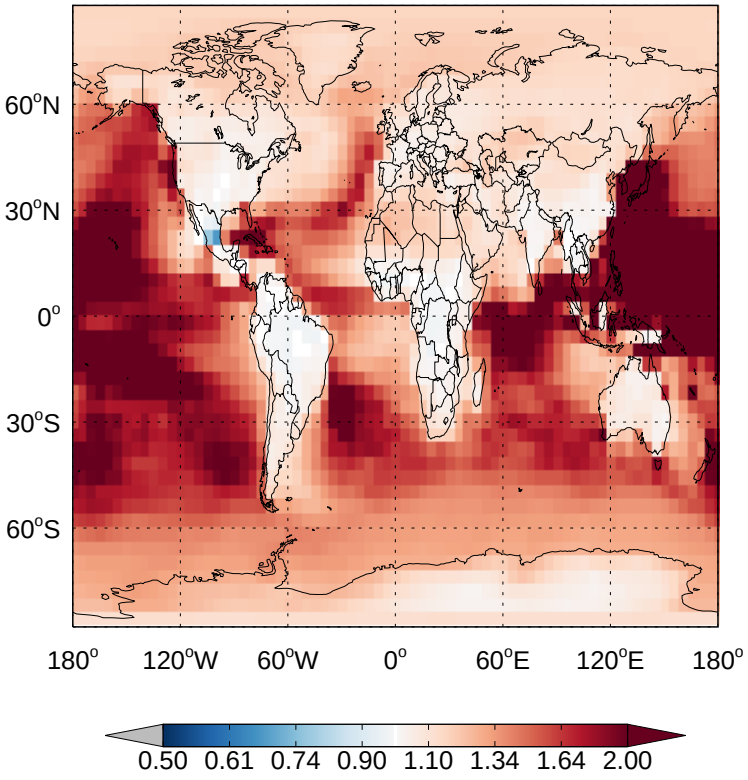
v11-01-public-Run0 / v11-01k-Run0

ISOG1/ Ratio @ 500 hPa for Oct



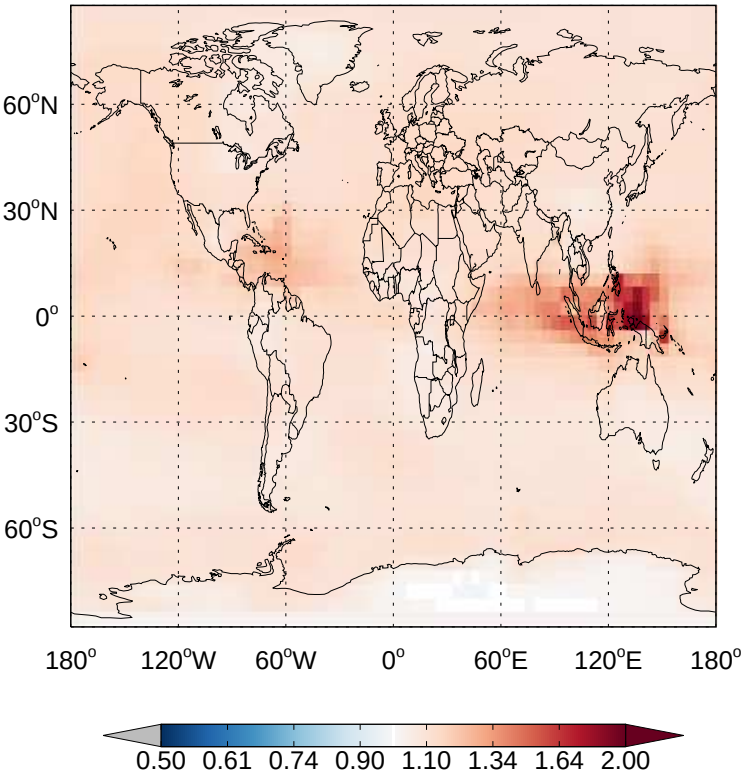
v11-01-public-Run0 / v11-01g-Run0

ISOG1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

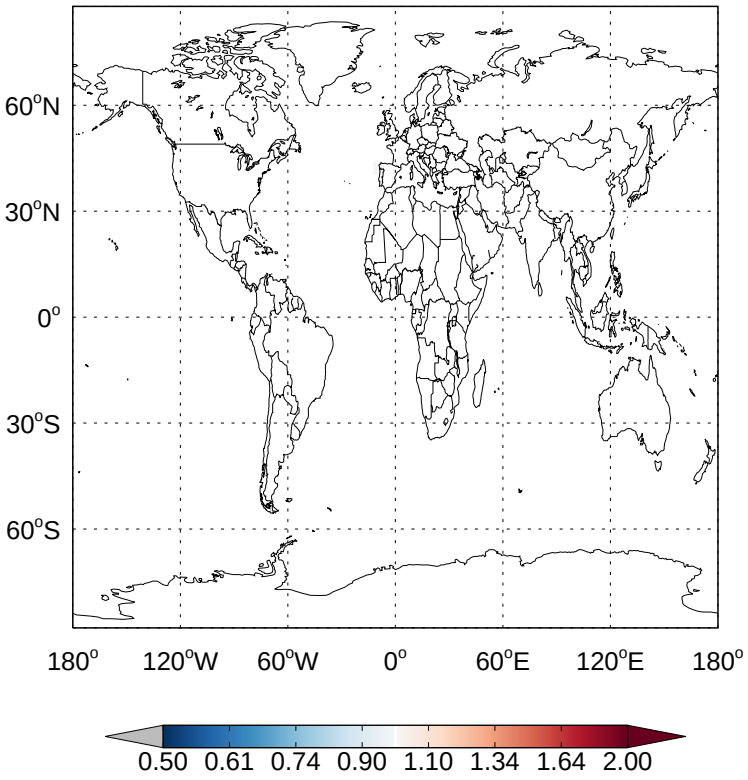
ISOG1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

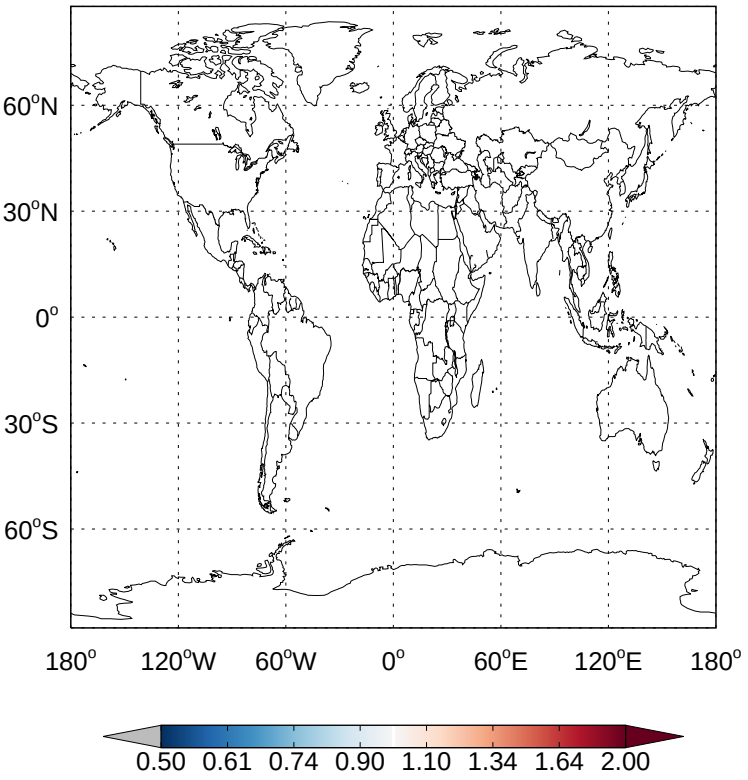
v11-01-public-Run0 / v11-01k-Run0

ISOG2 / Ratio @ Surface for Oct



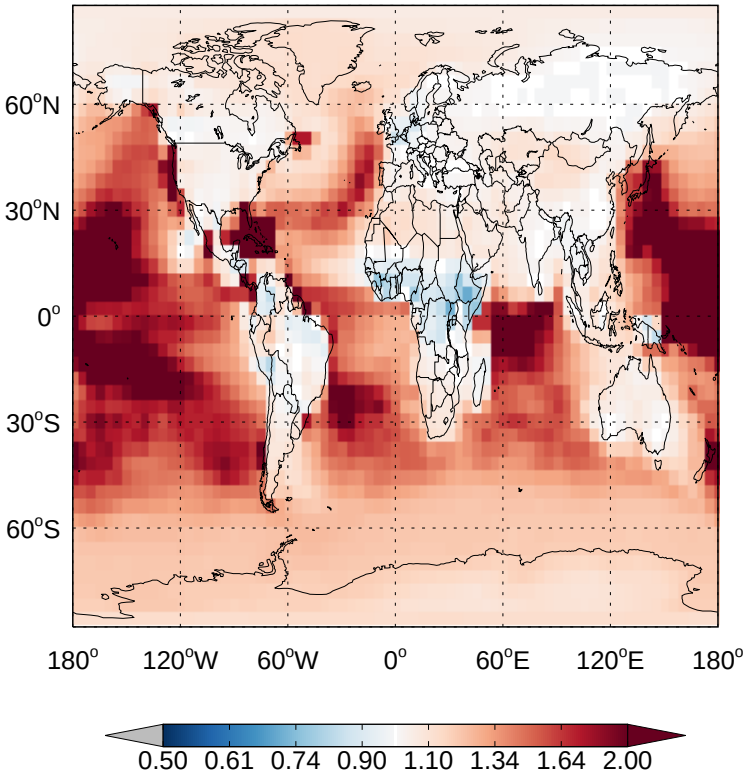
v11-01-public-Run0 / v11-01k-Run0

ISOG2/ Ratio @ 500 hPa for Oct



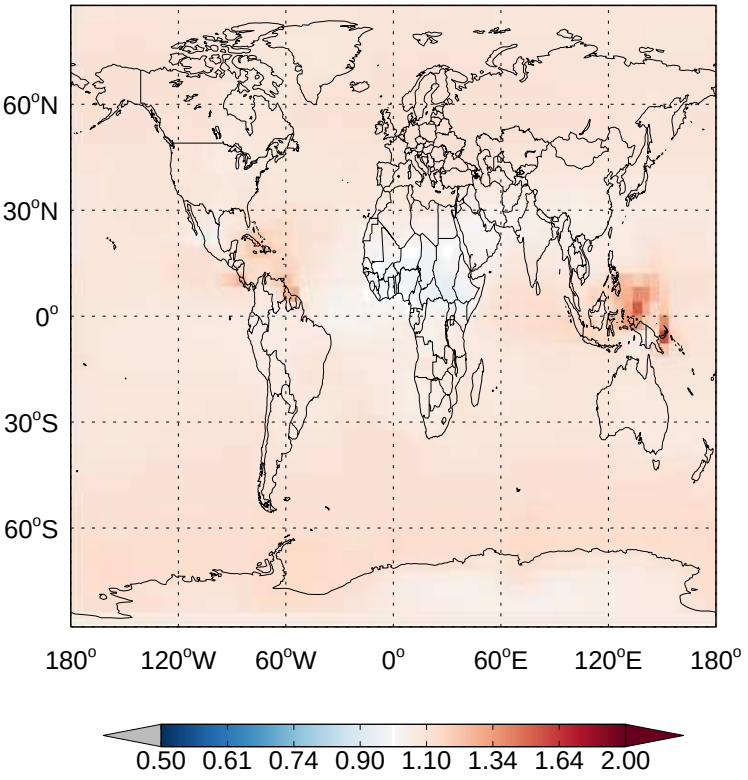
v11-01-public-Run0 / v11-01g-Run0

ISOG2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

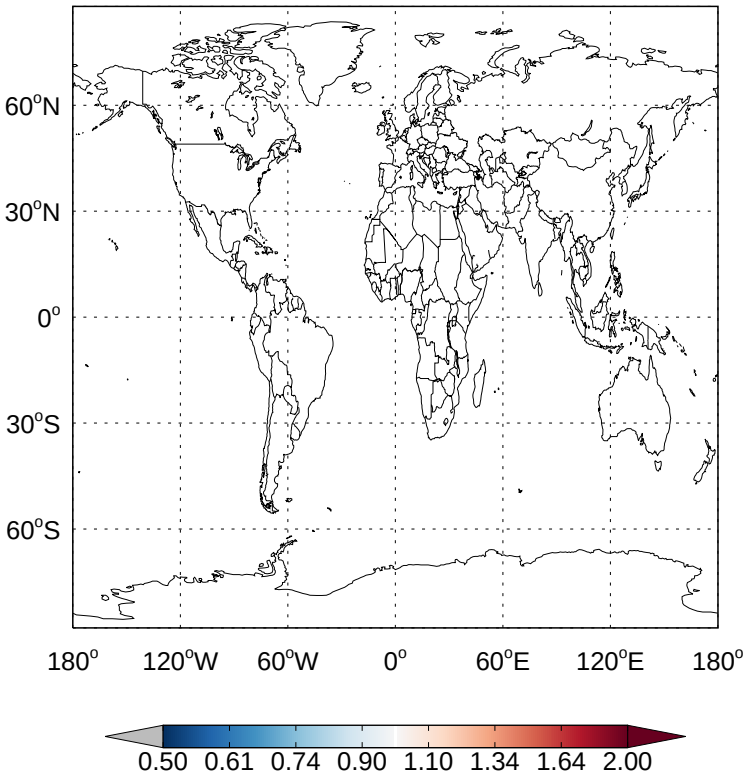
ISOG2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

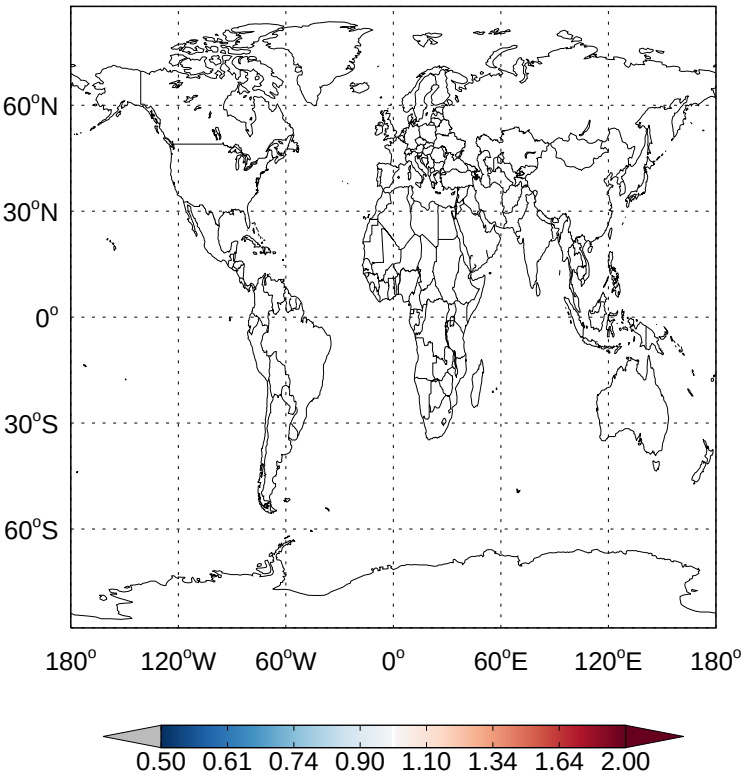
v11-01-public-Run0 / v11-01k-Run0

ISOG3 / Ratio @ Surface for Oct



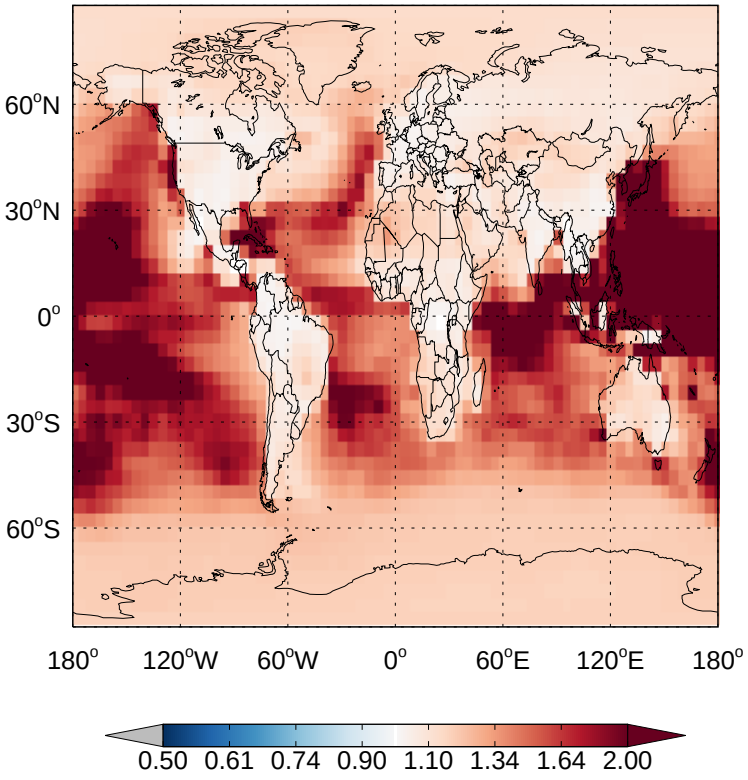
v11-01-public-Run0 / v11-01k-Run0

ISOG3/ Ratio @ 500 hPa for Oct



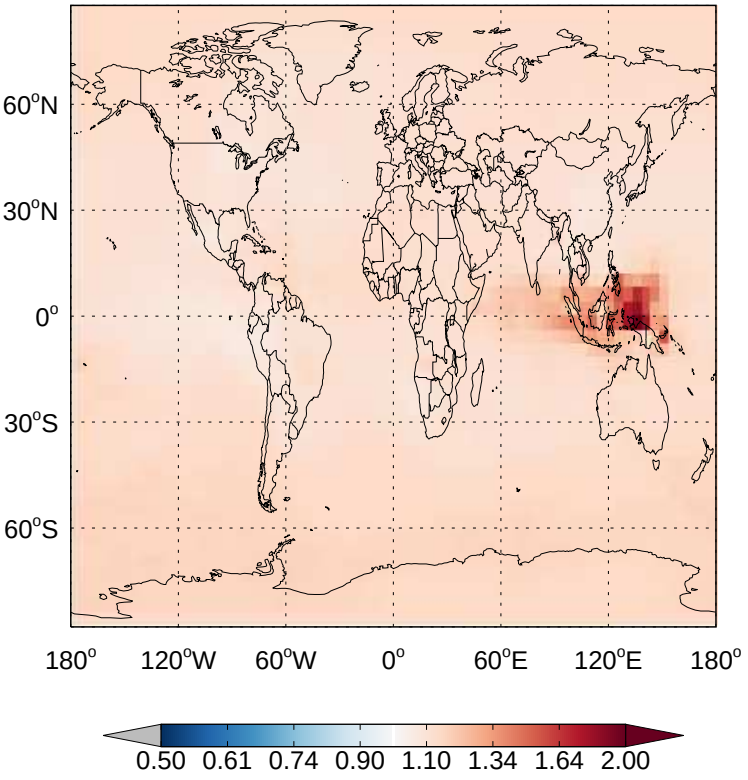
v11-01-public-Run0 / v11-01g-Run0

ISOG3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

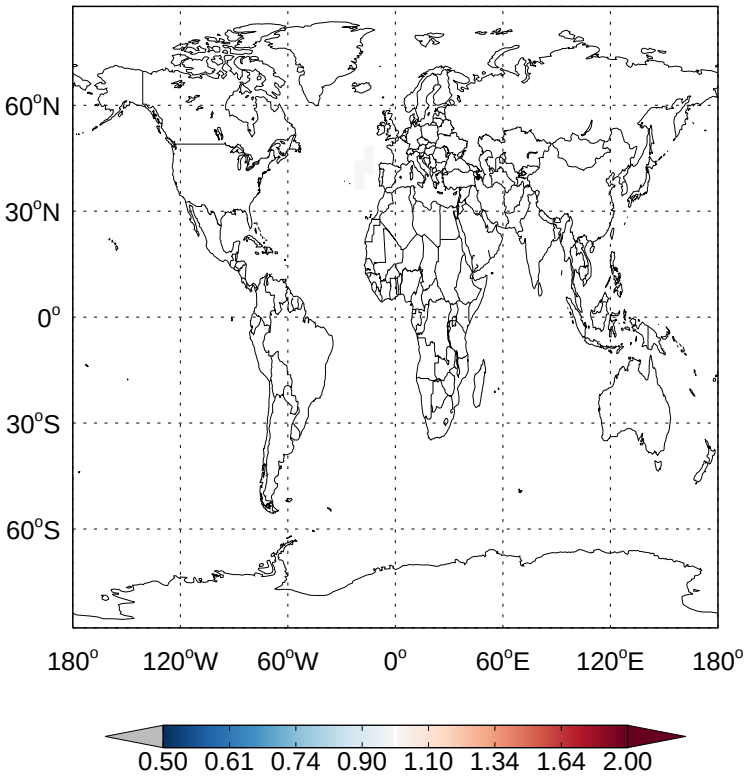
ISOG3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

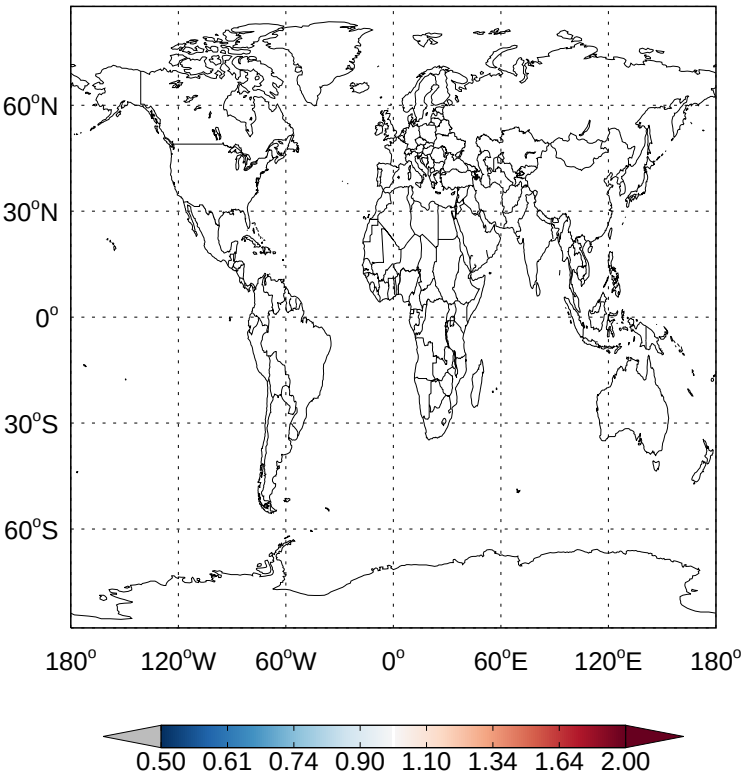
v11-01-public-Run0 / v11-01k-Run0

ISOA1 / Ratio @ Surface for Oct



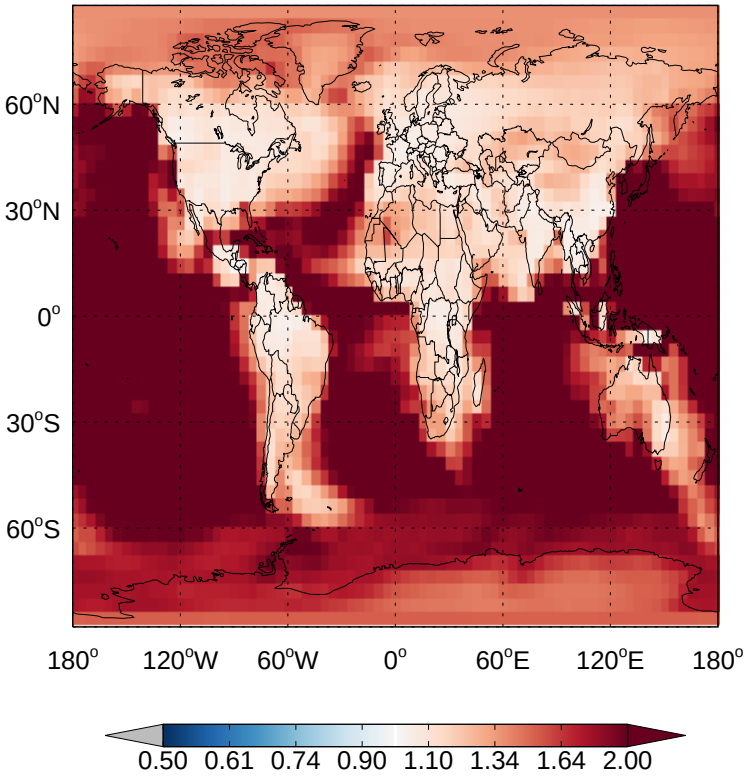
v11-01-public-Run0 / v11-01k-Run0

ISOA1/ Ratio @ 500 hPa for Oct



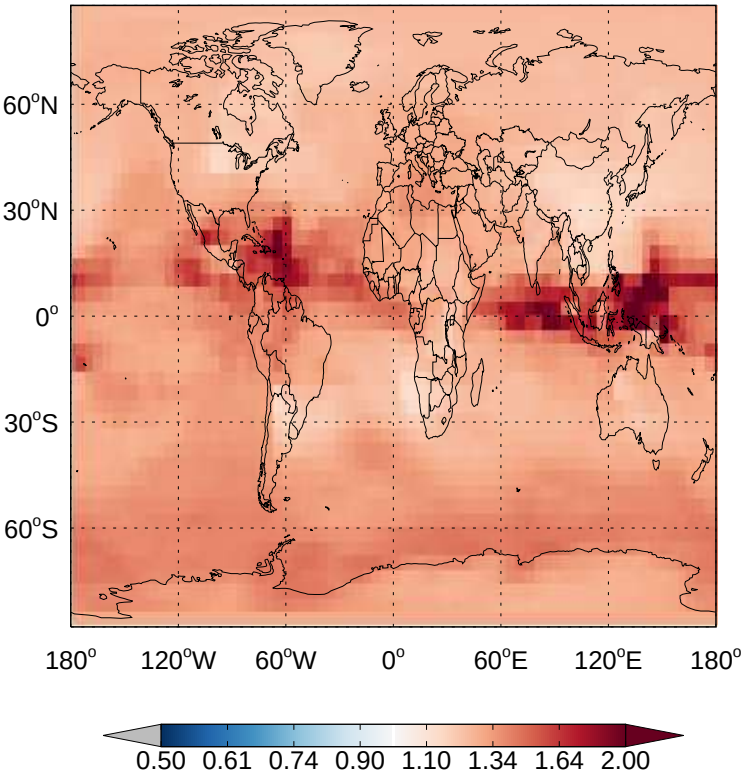
v11-01-public-Run0 / v11-01g-Run0

ISOA1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

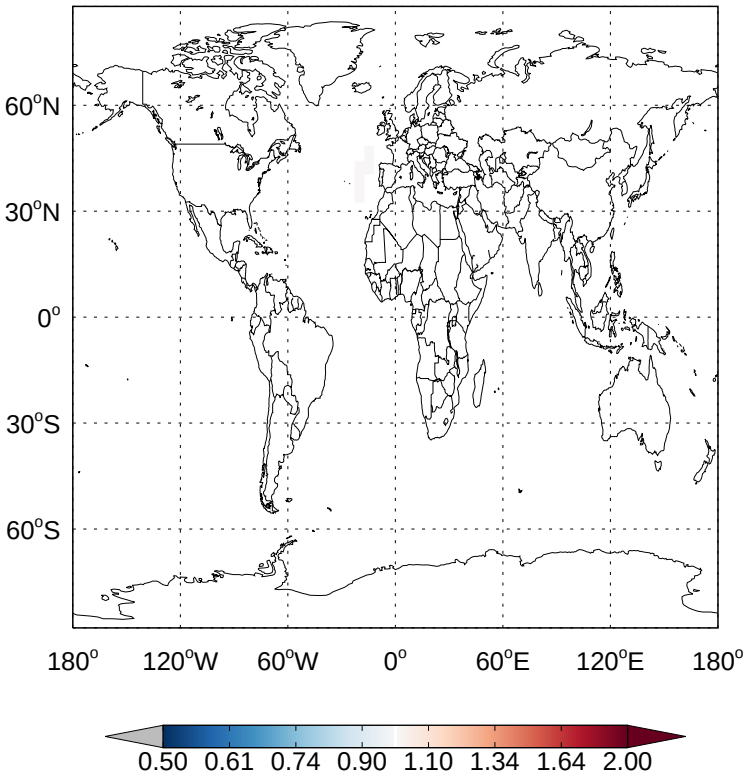
ISOA1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

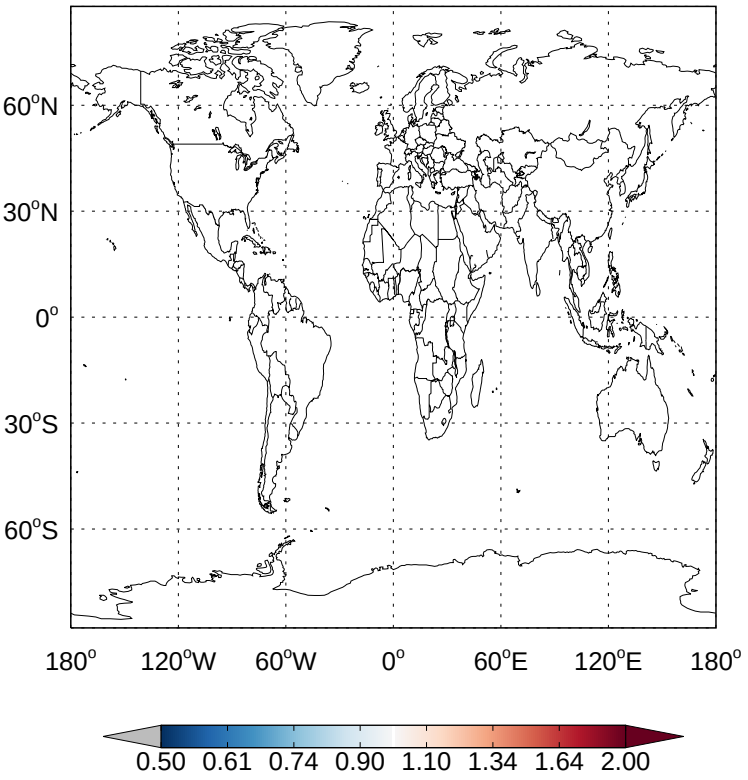
v11-01-public-Run0 / v11-01k-Run0

ISOA2 / Ratio @ Surface for Oct



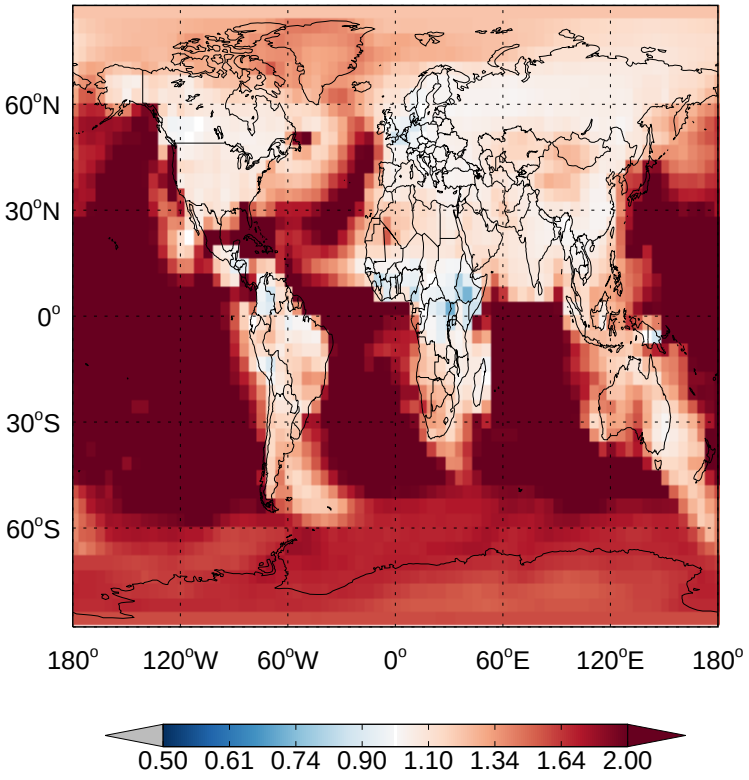
v11-01-public-Run0 / v11-01k-Run0

ISOA2/ Ratio @ 500 hPa for Oct



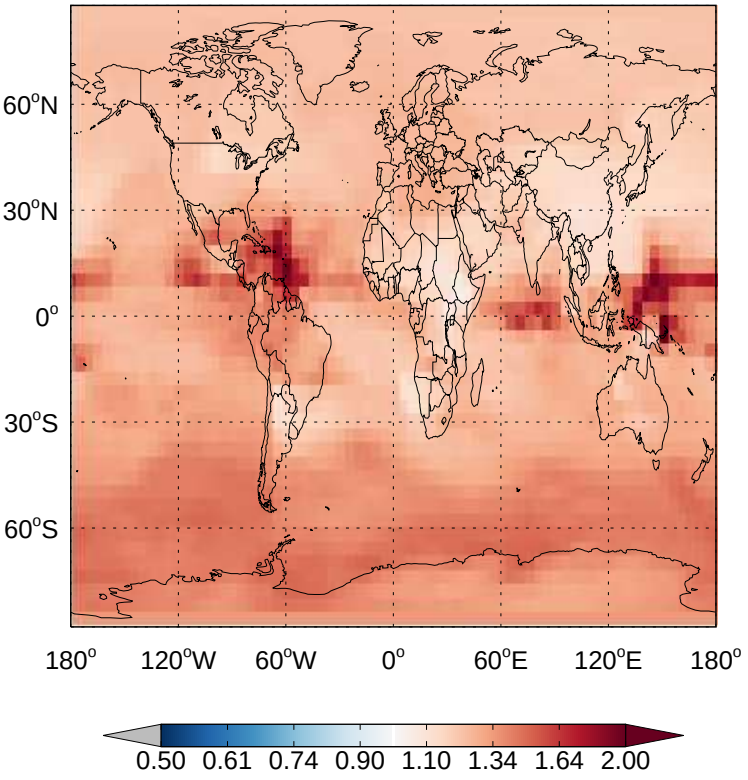
v11-01-public-Run0 / v11-01g-Run0

ISOA2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

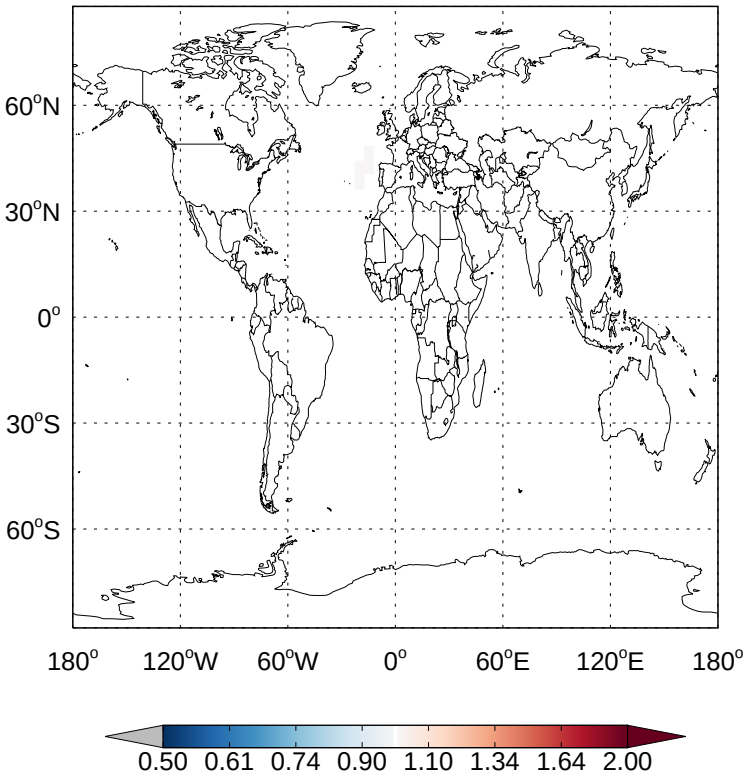
ISOA2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

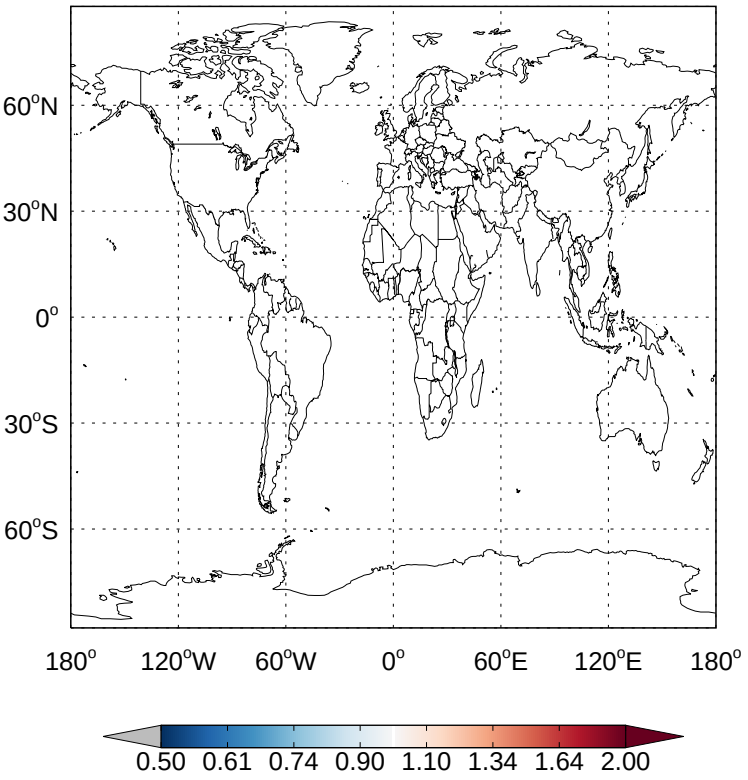
v11-01-public-Run0 / v11-01k-Run0

ISOA3 / Ratio @ Surface for Oct



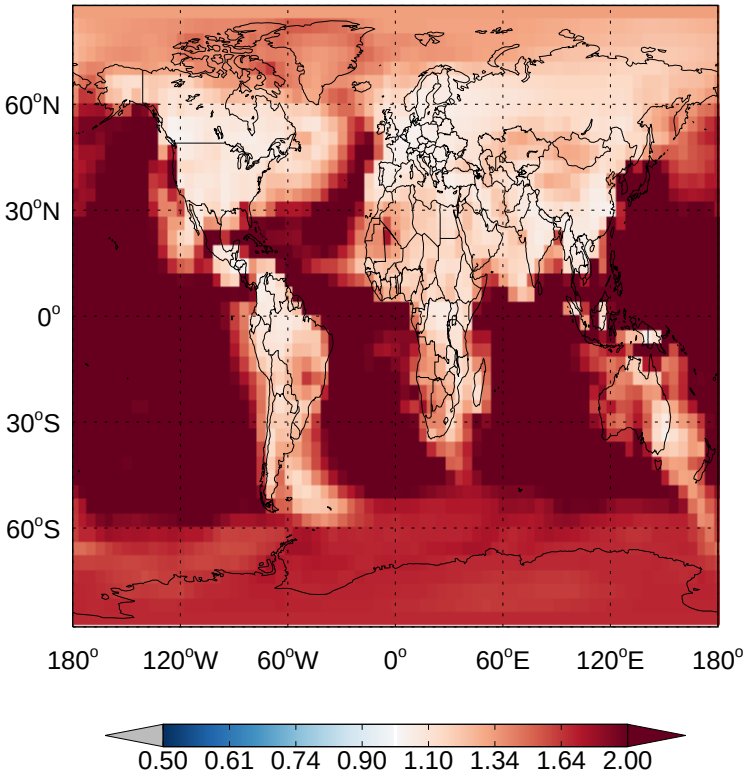
v11-01-public-Run0 / v11-01k-Run0

ISOA3/ Ratio @ 500 hPa for Oct



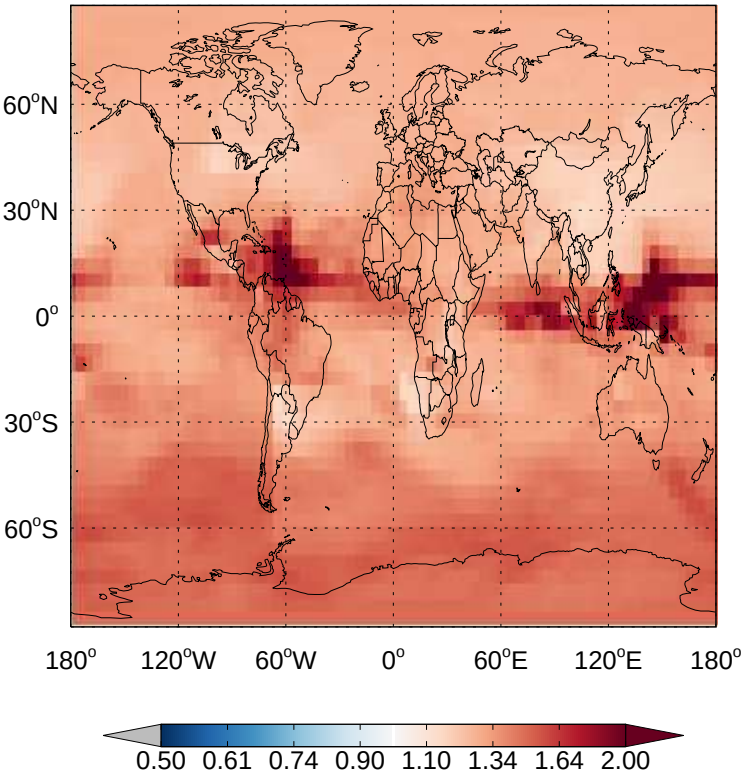
v11-01-public-Run0 / v11-01g-Run0

ISOA3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

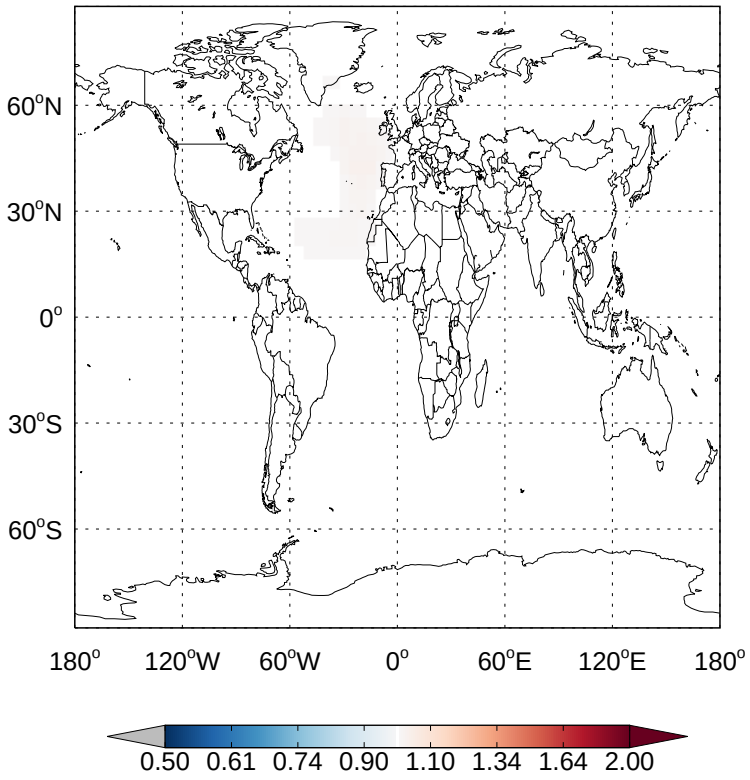
ISOA3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

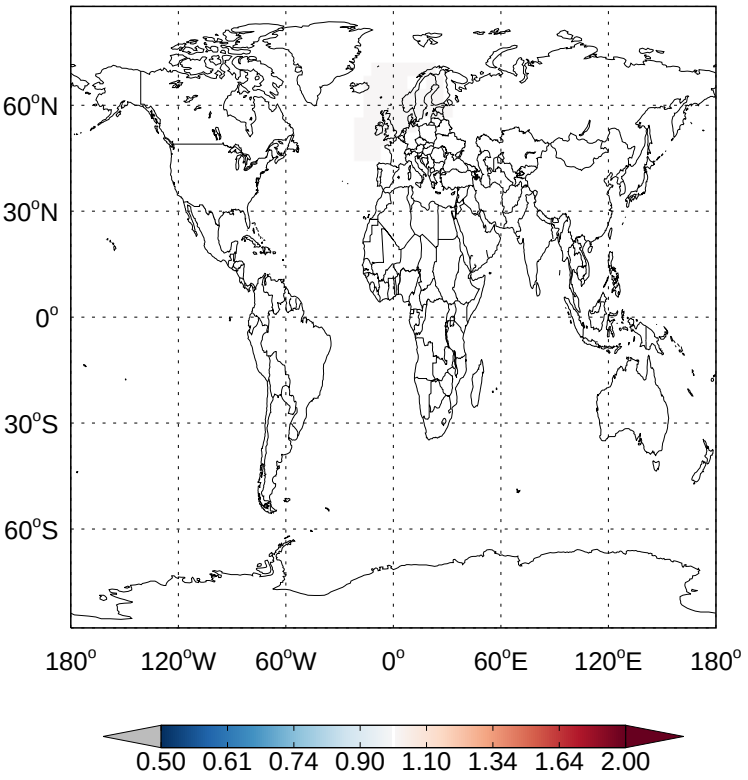
v11-01-public-Run0 / v11-01k-Run0

BENZ / Ratio @ Surface for Oct



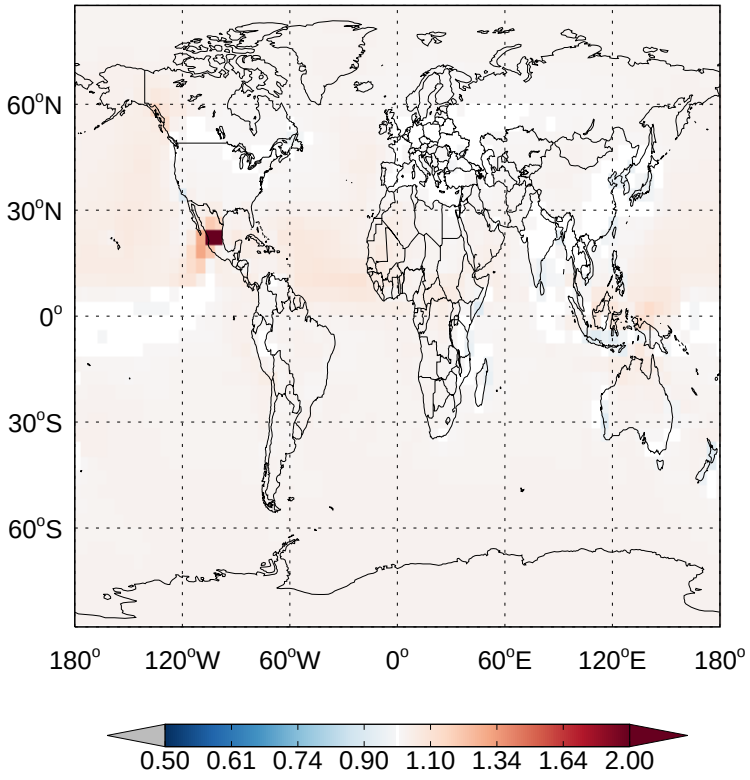
v11-01-public-Run0 / v11-01k-Run0

BENZ/ Ratio @ 500 hPa for Oct



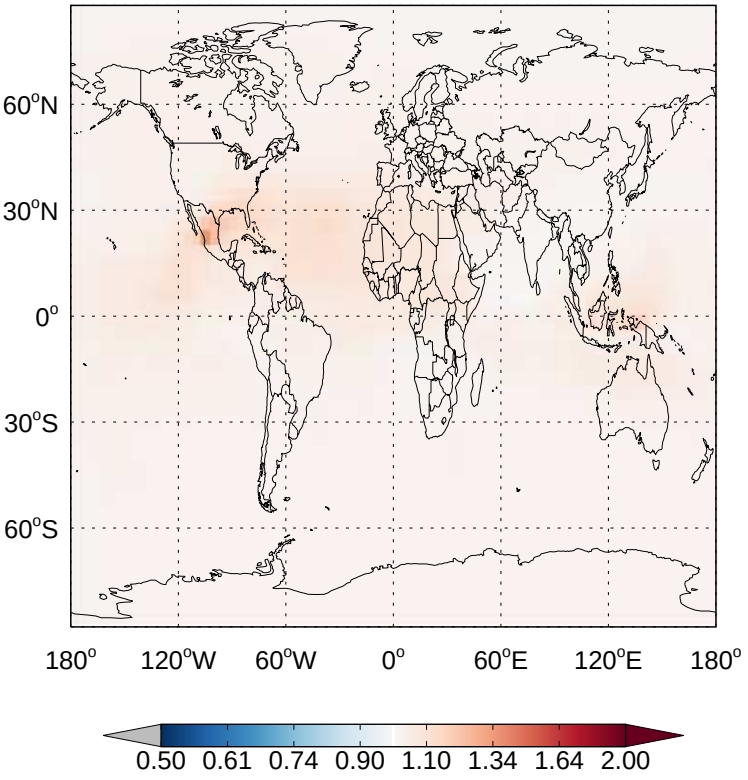
v11-01-public-Run0 / v11-01g-Run0

BENZ / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

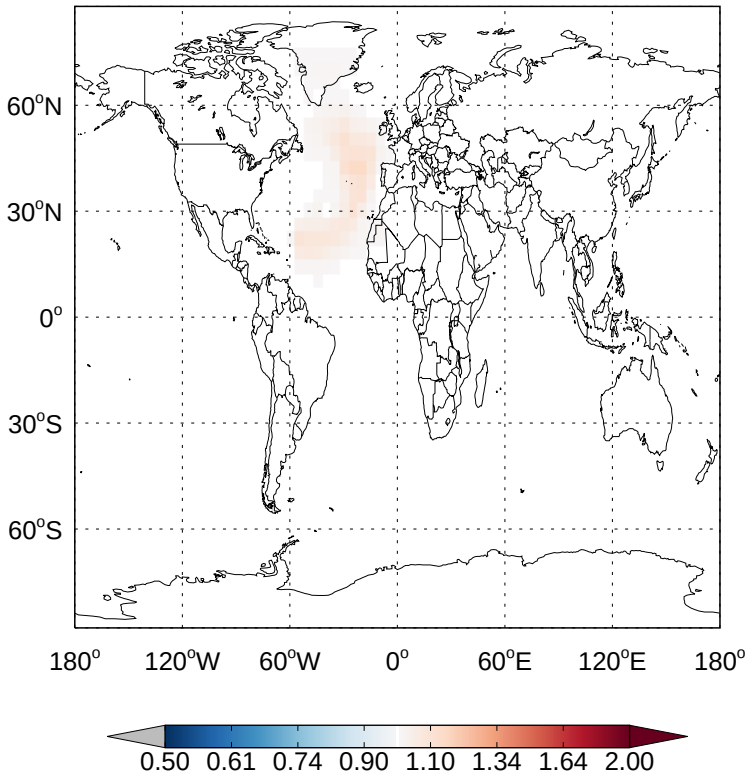
BENZ/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

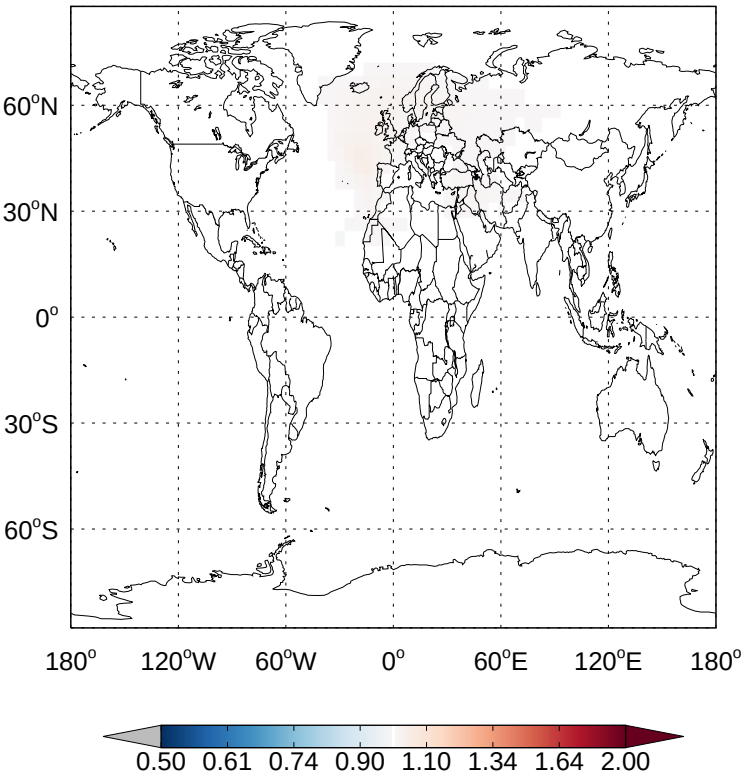
v11-01-public-Run0 / v11-01k-Run0

TOLU / Ratio @ Surface for Oct



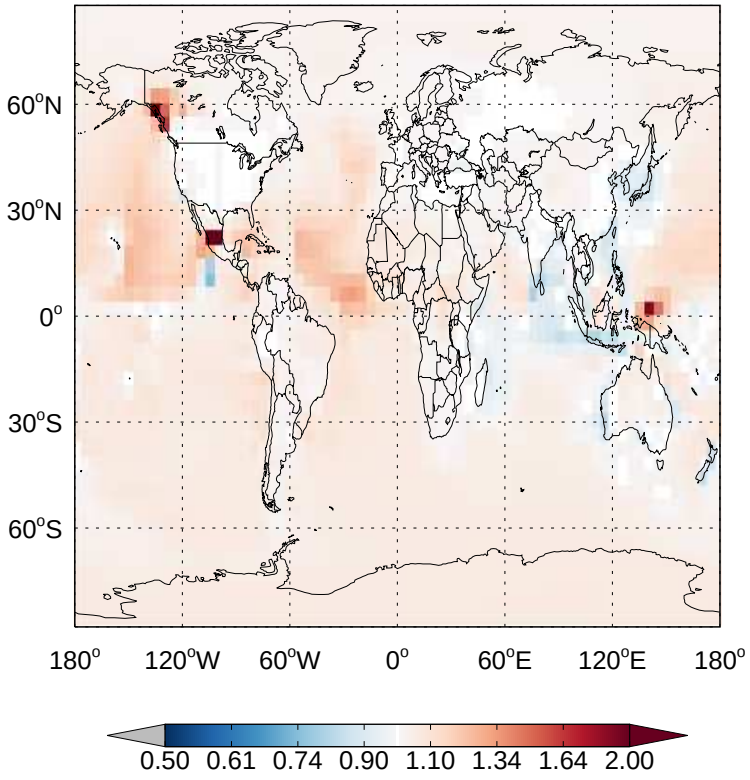
v11-01-public-Run0 / v11-01k-Run0

TOLU/ Ratio @ 500 hPa for Oct



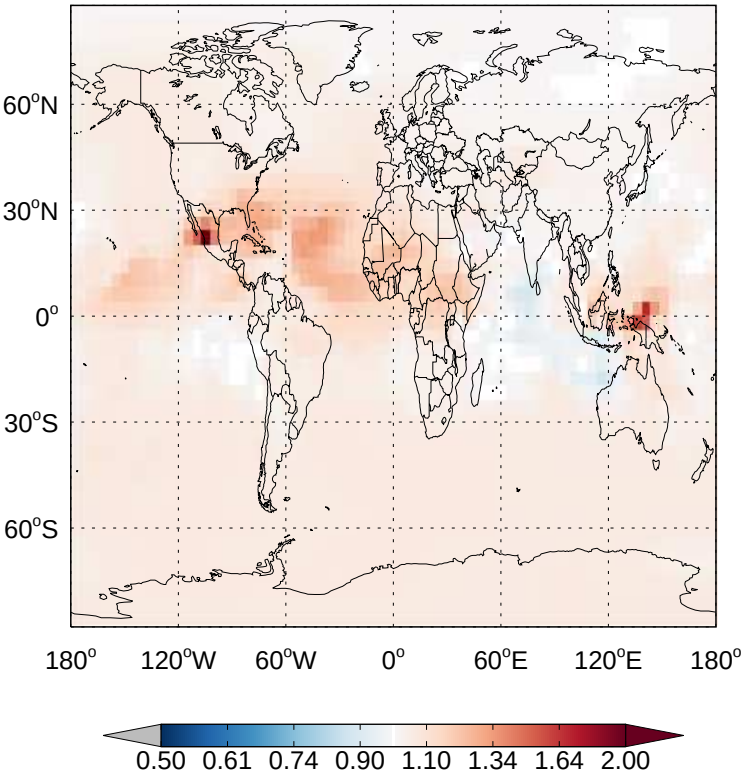
v11-01-public-Run0 / v11-01g-Run0

TOLU / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

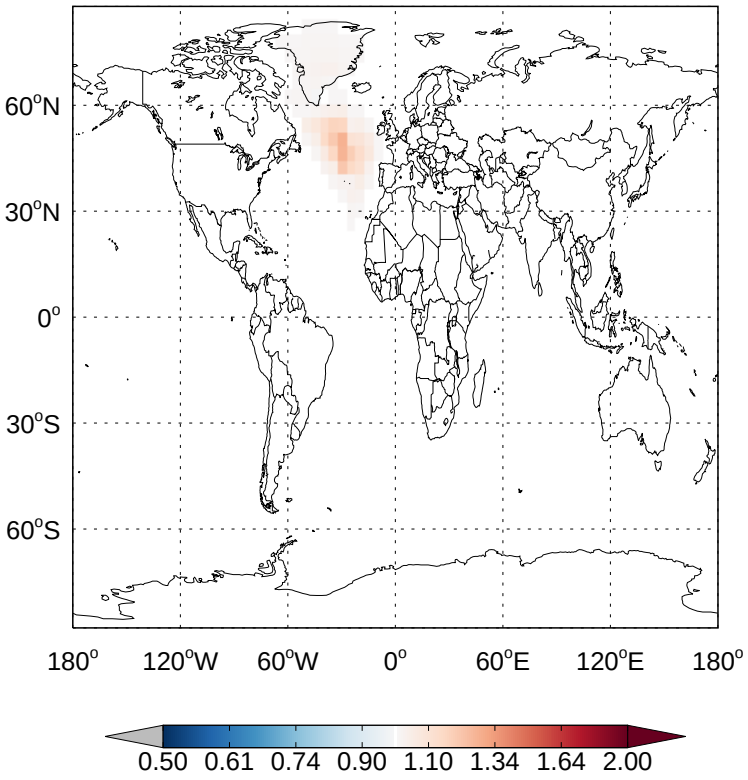
TOLU/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

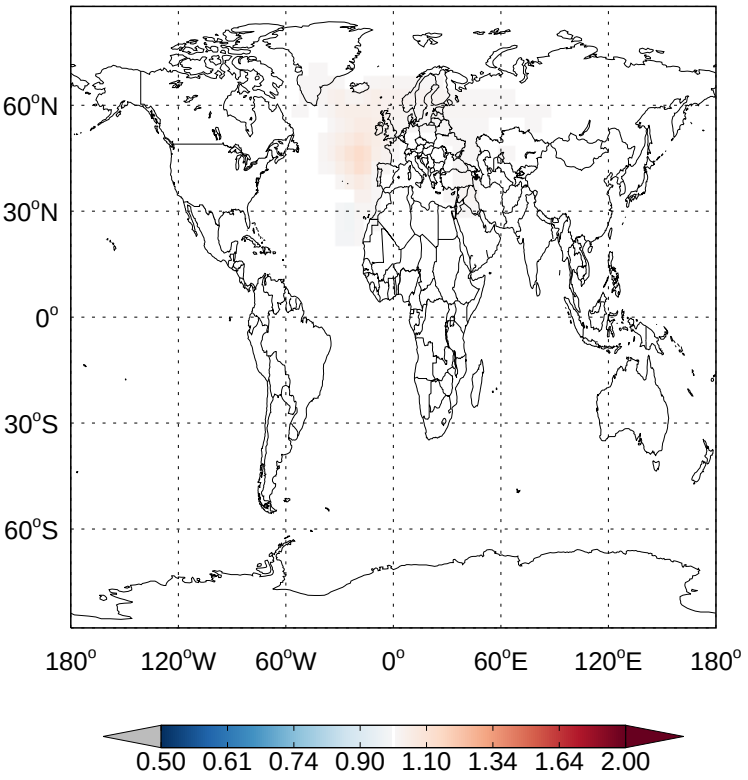
v11-01-public-Run0 / v11-01k-Run0

XYLE / Ratio @ Surface for Oct



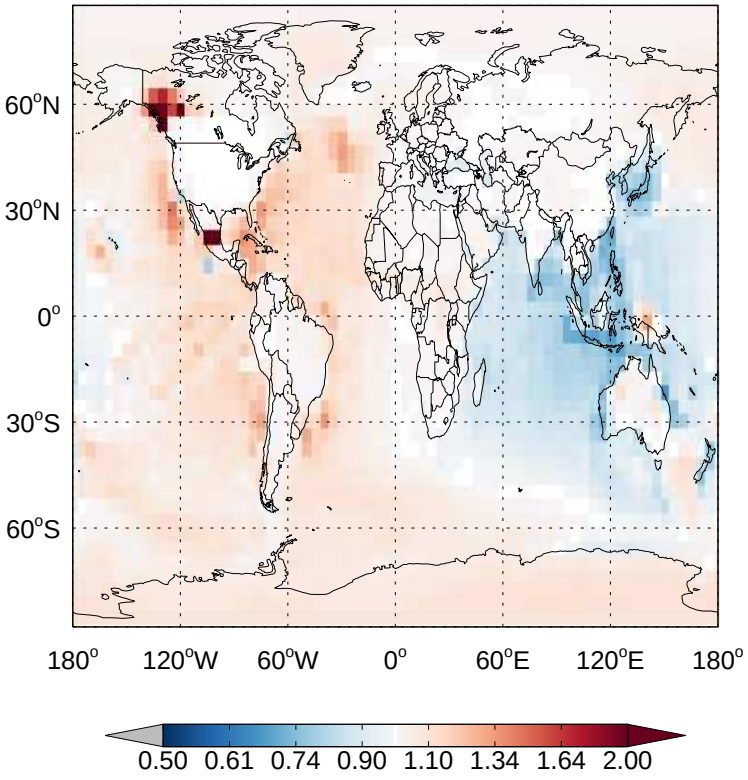
v11-01-public-Run0 / v11-01k-Run0

XYLE/ Ratio @ 500 hPa for Oct



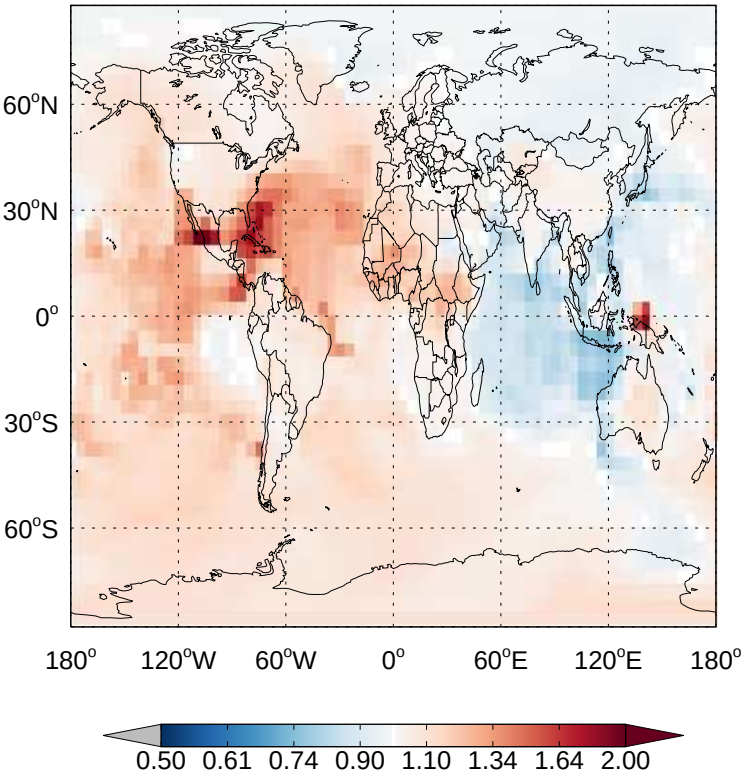
v11-01-public-Run0 / v11-01g-Run0

XYLE / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

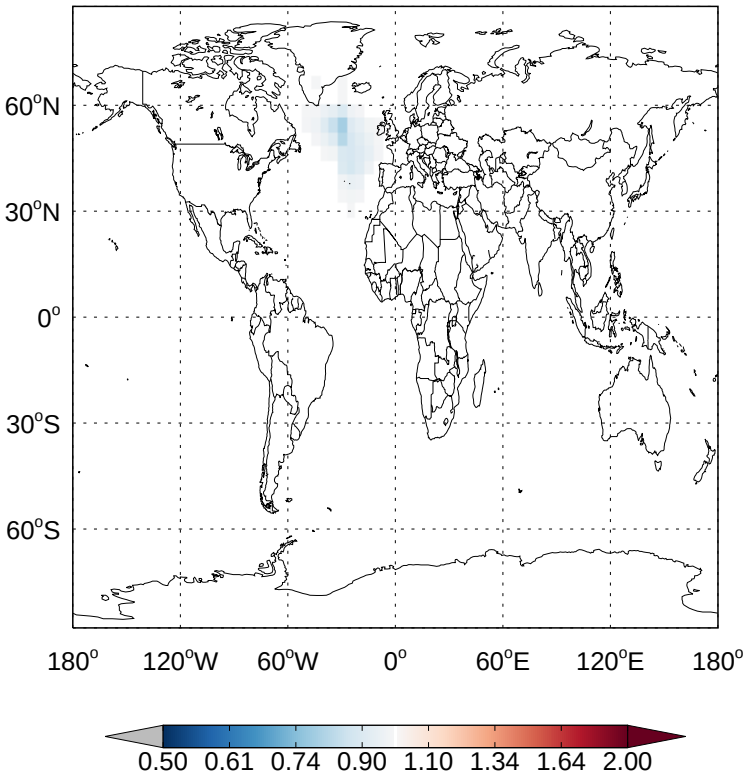
XYLE/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

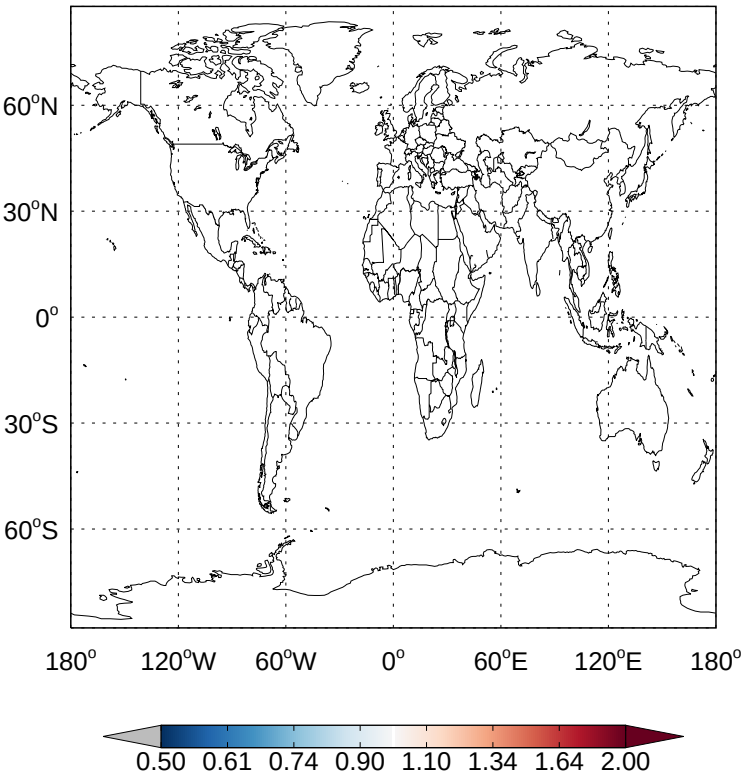
v11-01-public-Run0 / v11-01k-Run0

ASOG1 / Ratio @ Surface for Oct



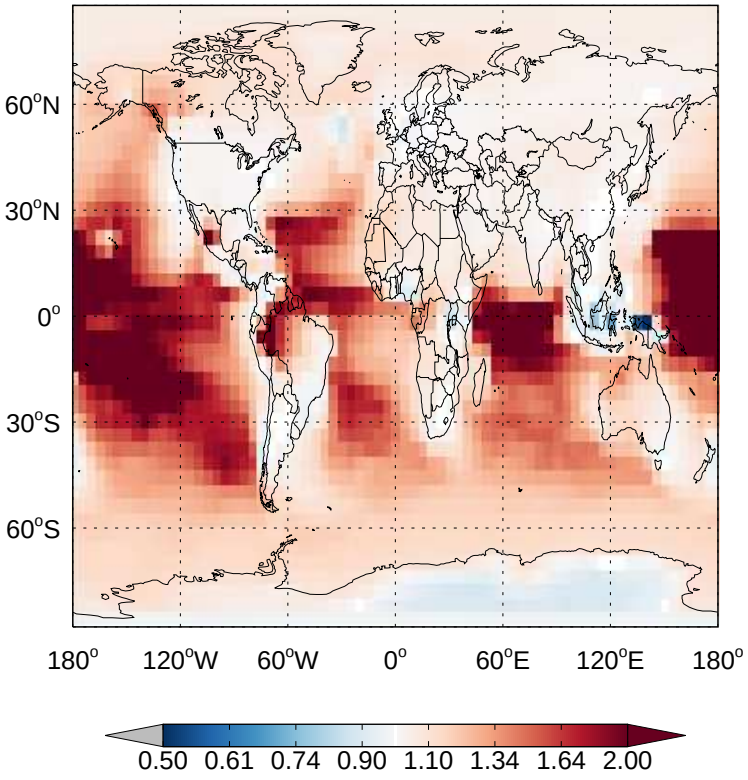
v11-01-public-Run0 / v11-01k-Run0

ASOG1/ Ratio @ 500 hPa for Oct



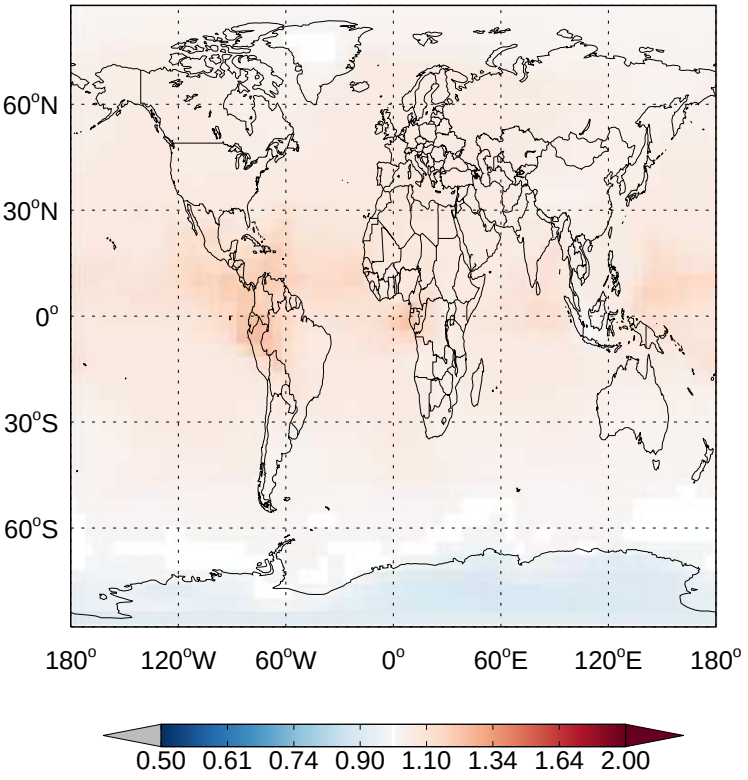
v11-01-public-Run0 / v11-01g-Run0

ASOG1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

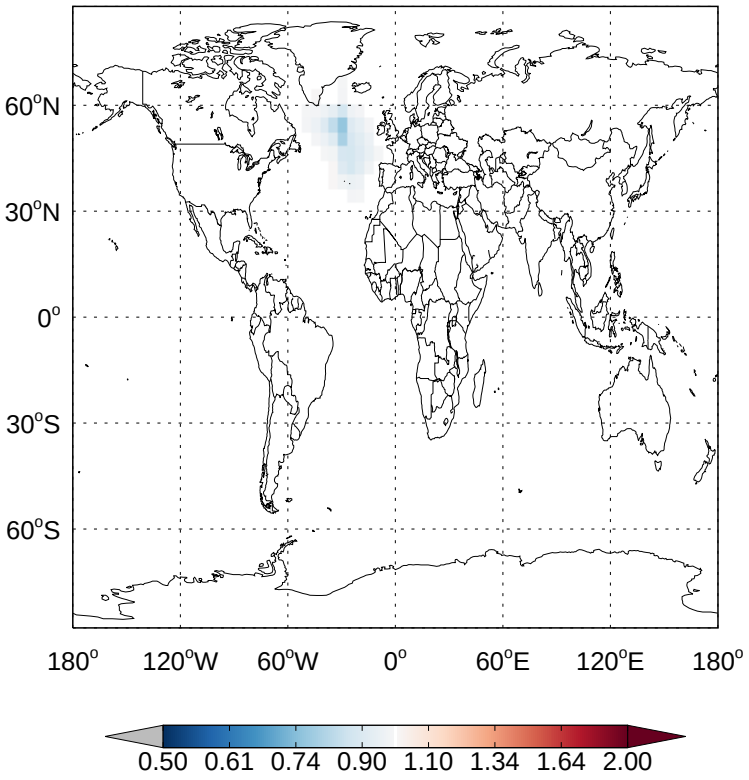
ASOG1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

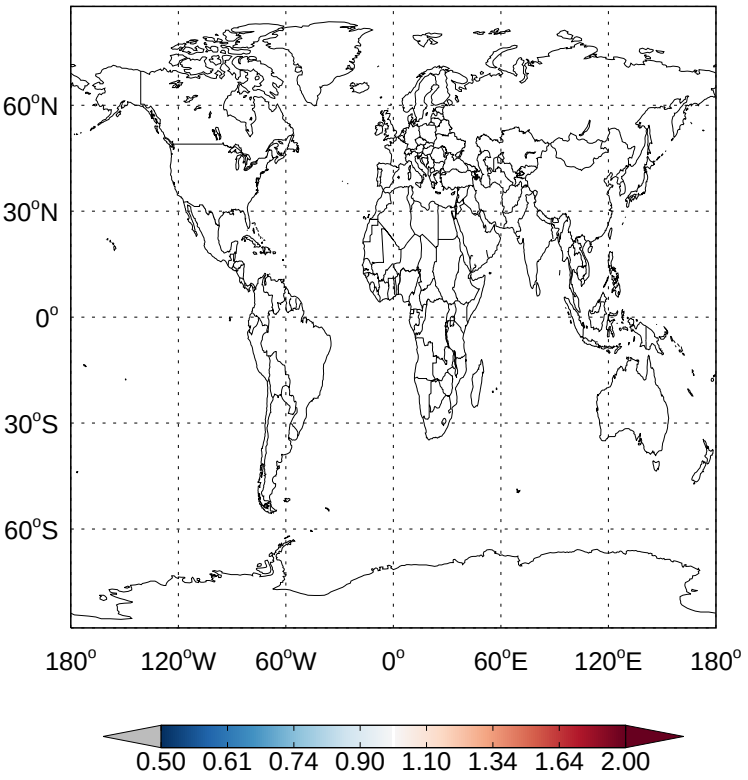
v11-01-public-Run0 / v11-01k-Run0

ASOG2 / Ratio @ Surface for Oct



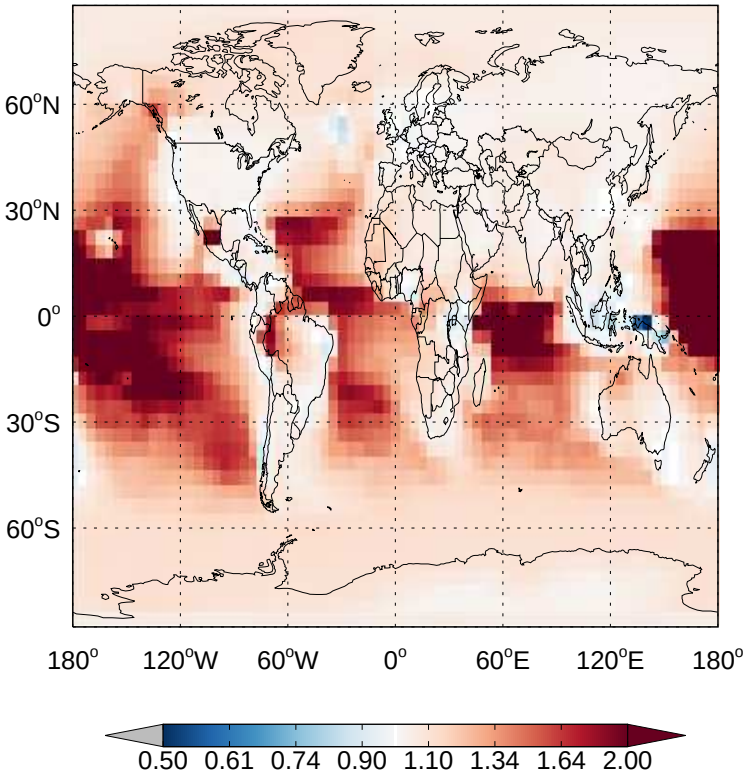
v11-01-public-Run0 / v11-01k-Run0

ASOG2/ Ratio @ 500 hPa for Oct



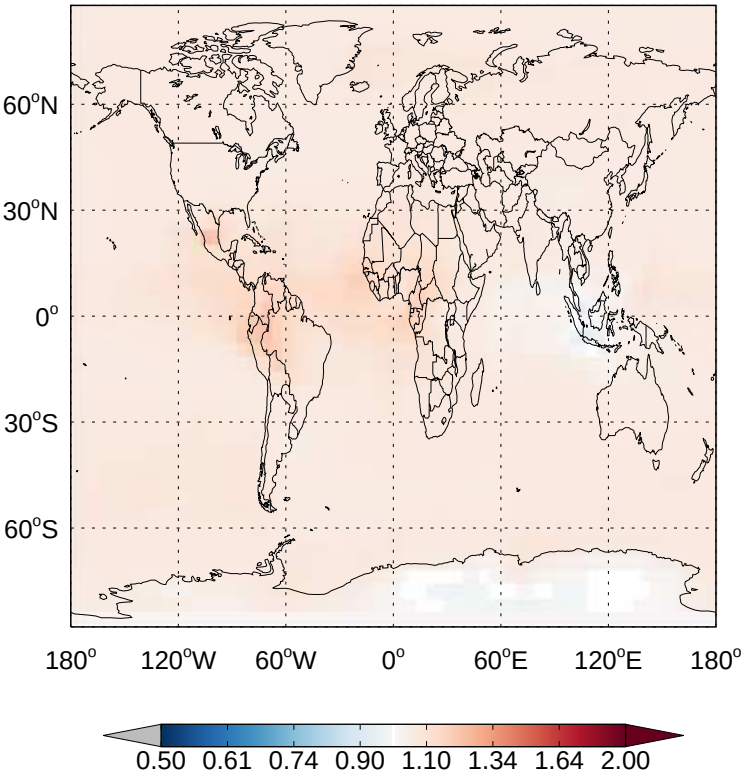
v11-01-public-Run0 / v11-01g-Run0

ASOG2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

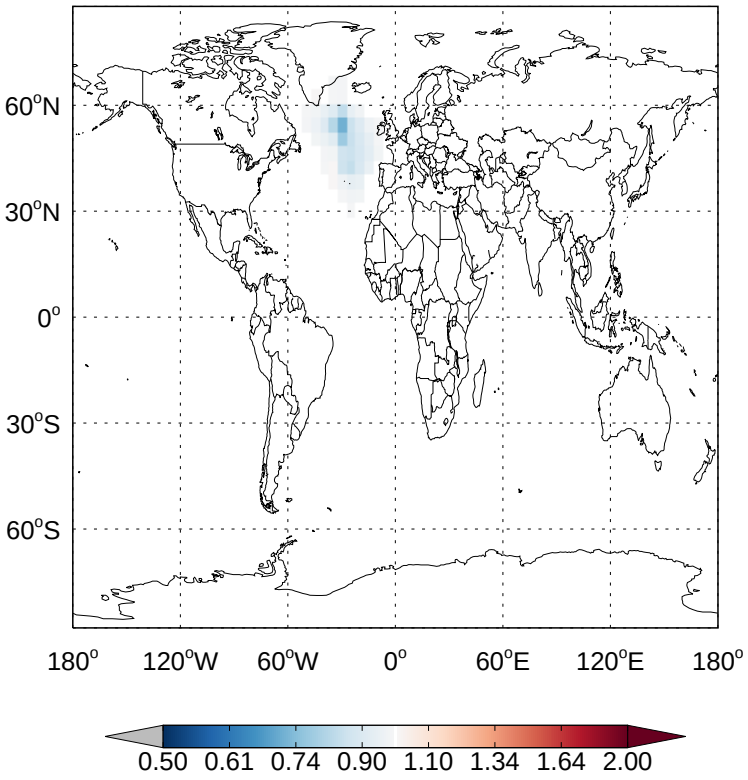
ASOG2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

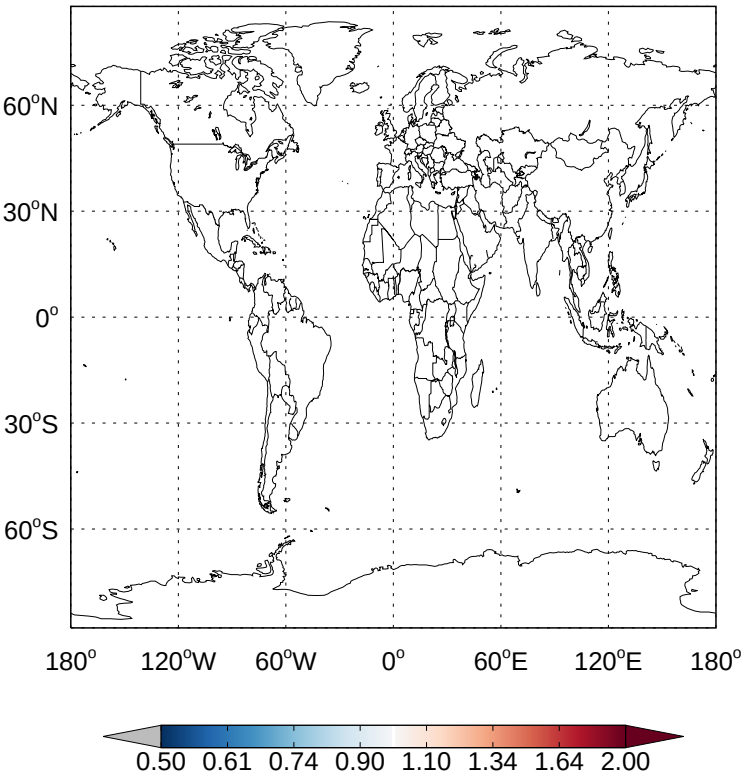
v11-01-public-Run0 / v11-01k-Run0

ASOG3 / Ratio @ Surface for Oct



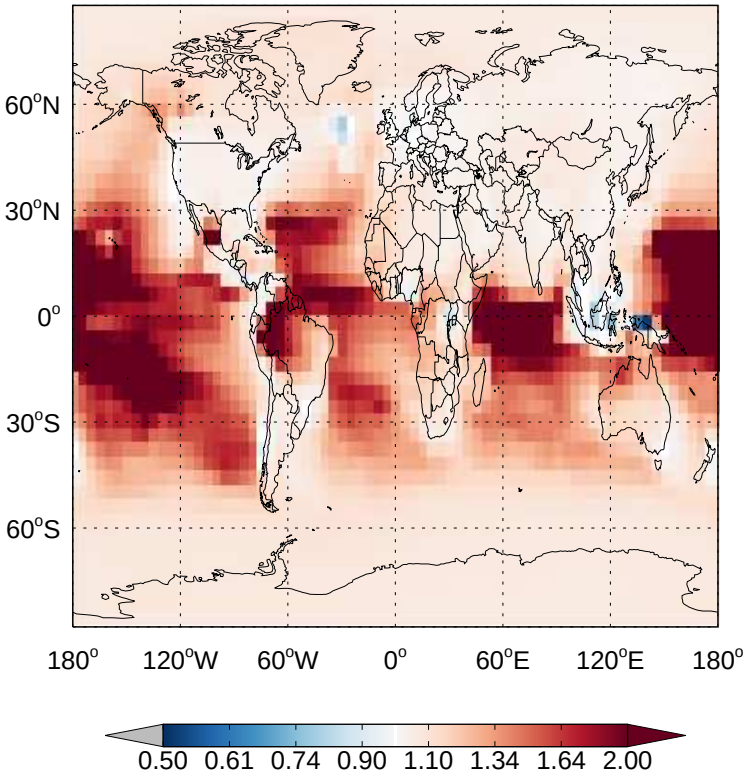
v11-01-public-Run0 / v11-01k-Run0

ASOG3/ Ratio @ 500 hPa for Oct



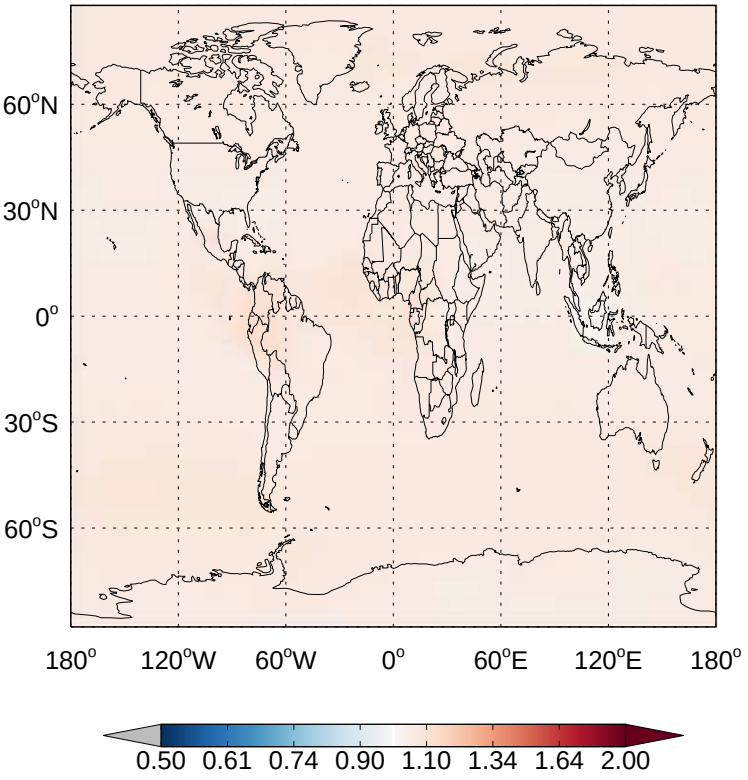
v11-01-public-Run0 / v11-01g-Run0

ASOG3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

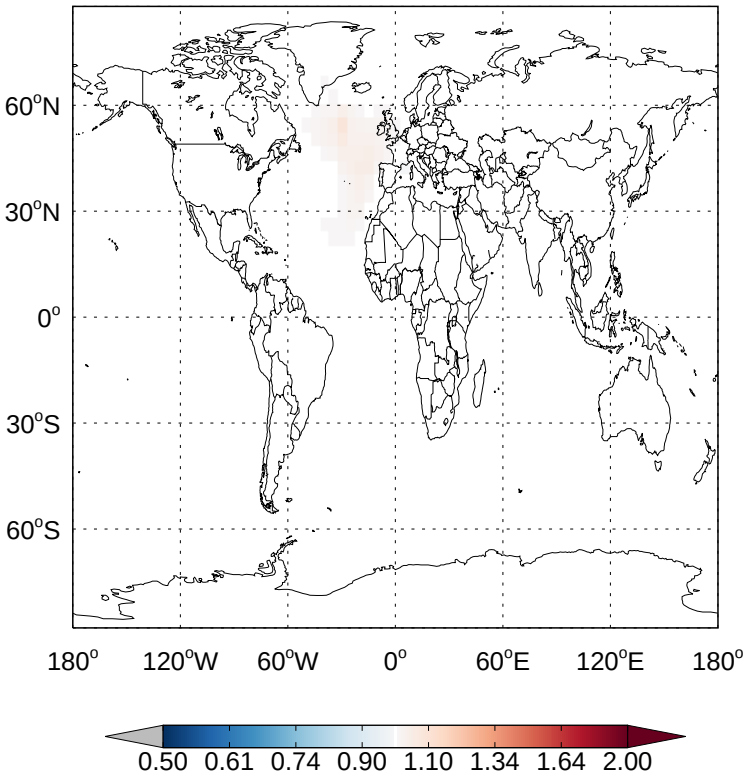
ASOG3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

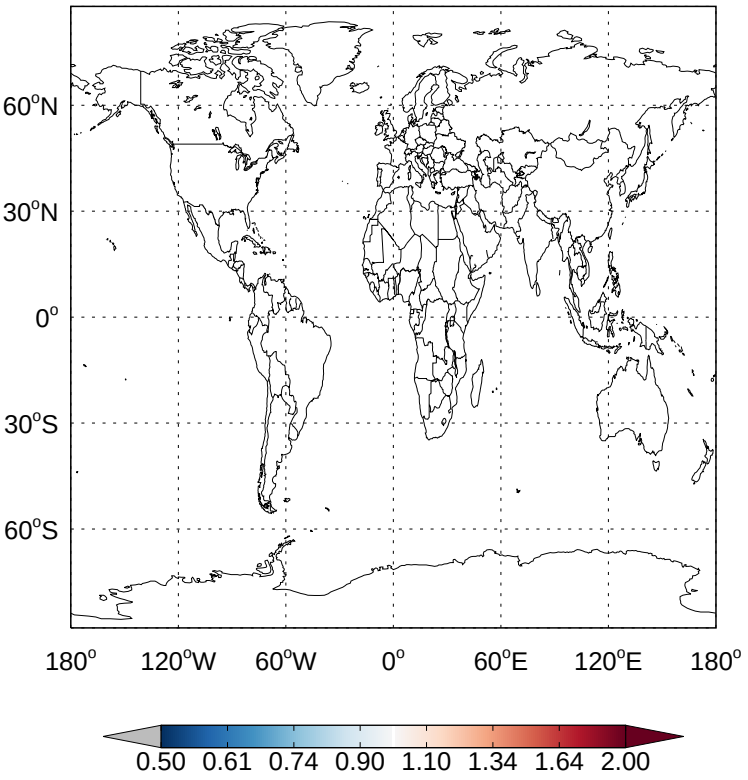
v11-01-public-Run0 / v11-01k-Run0

ASOAN / Ratio @ Surface for Oct



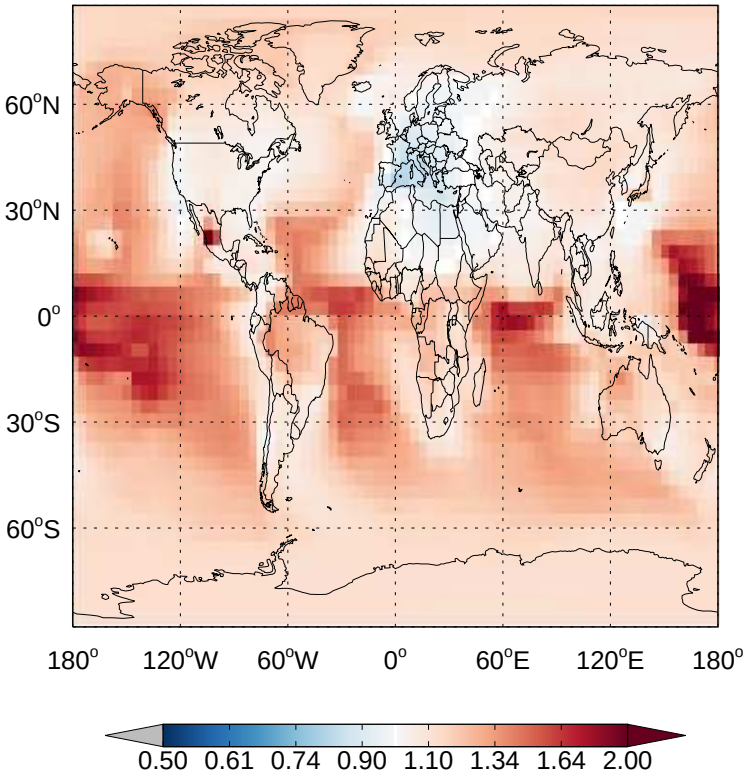
v11-01-public-Run0 / v11-01k-Run0

ASOAN/ Ratio @ 500 hPa for Oct



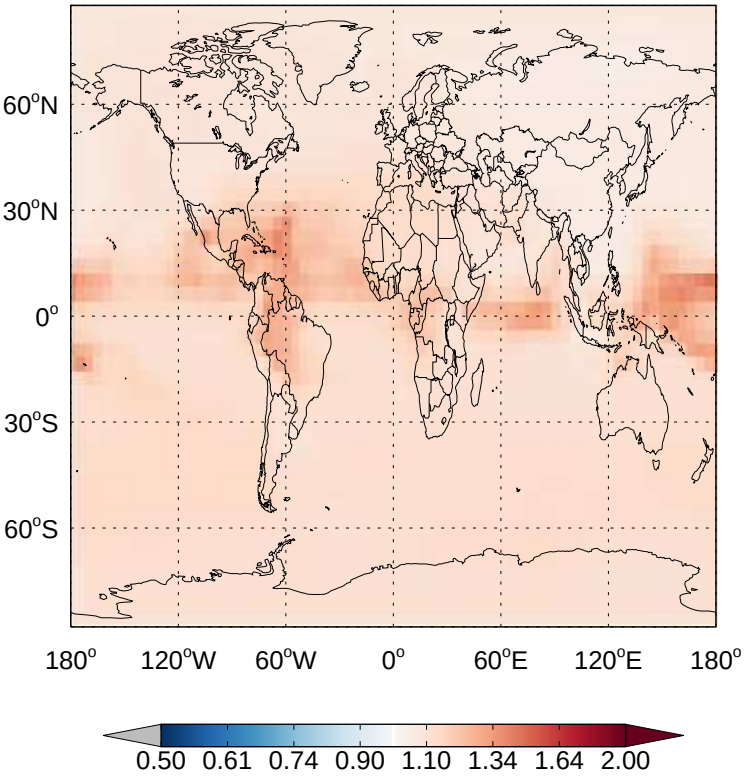
v11-01-public-Run0 / v11-01g-Run0

ASOAN / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

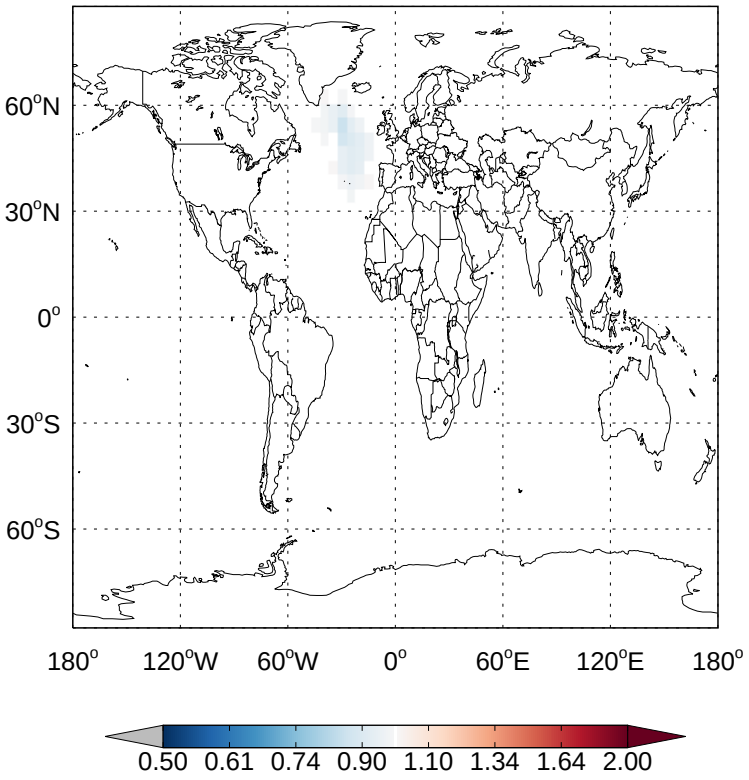
ASOAN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

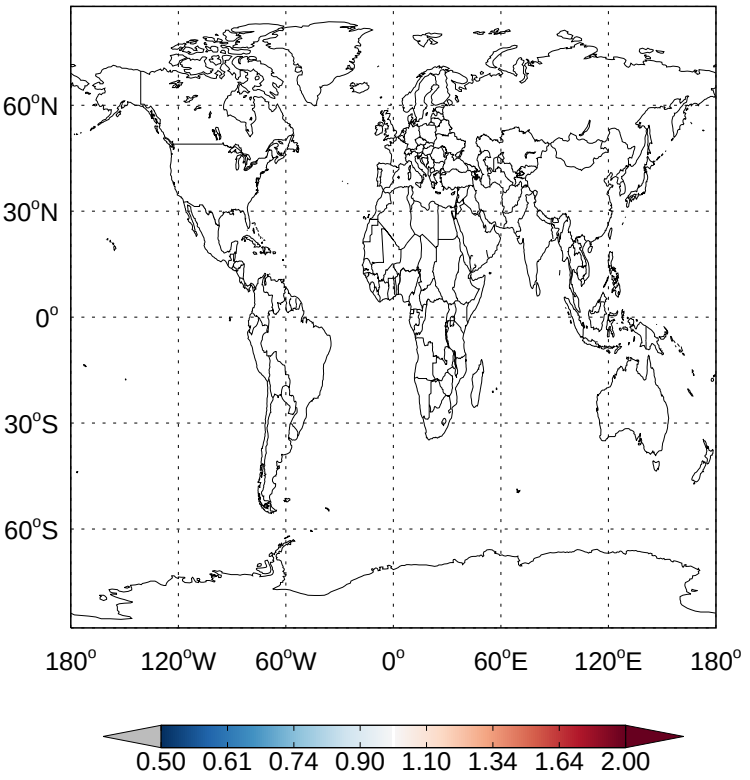
v11-01-public-Run0 / v11-01k-Run0

ASOA1 / Ratio @ Surface for Oct



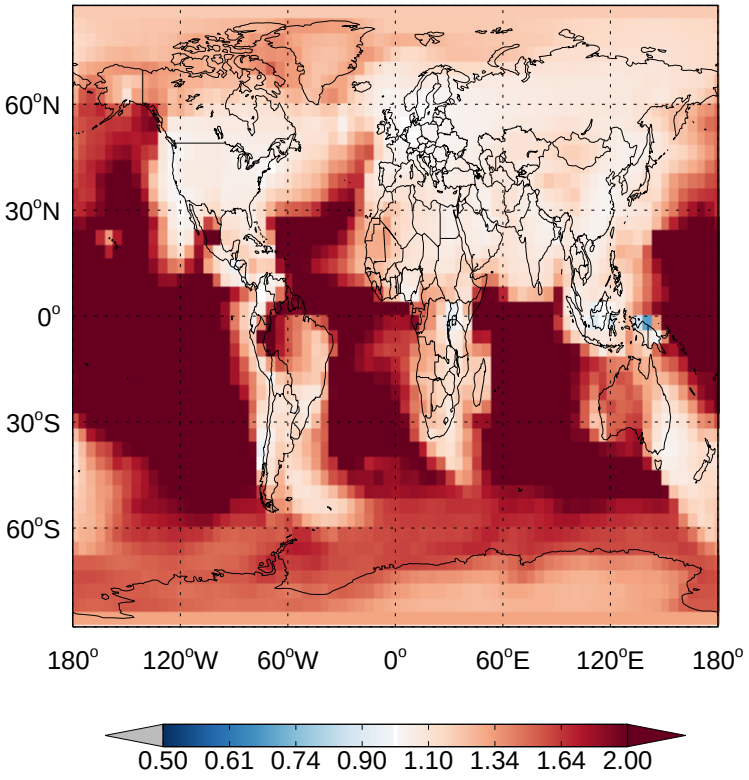
v11-01-public-Run0 / v11-01k-Run0

ASOA1/ Ratio @ 500 hPa for Oct



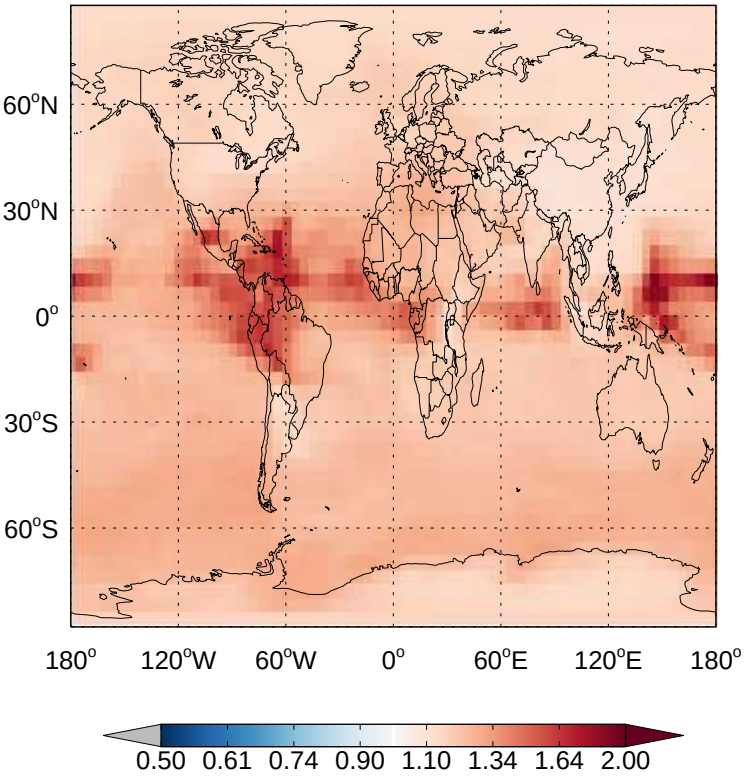
v11-01-public-Run0 / v11-01g-Run0

ASOA1 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

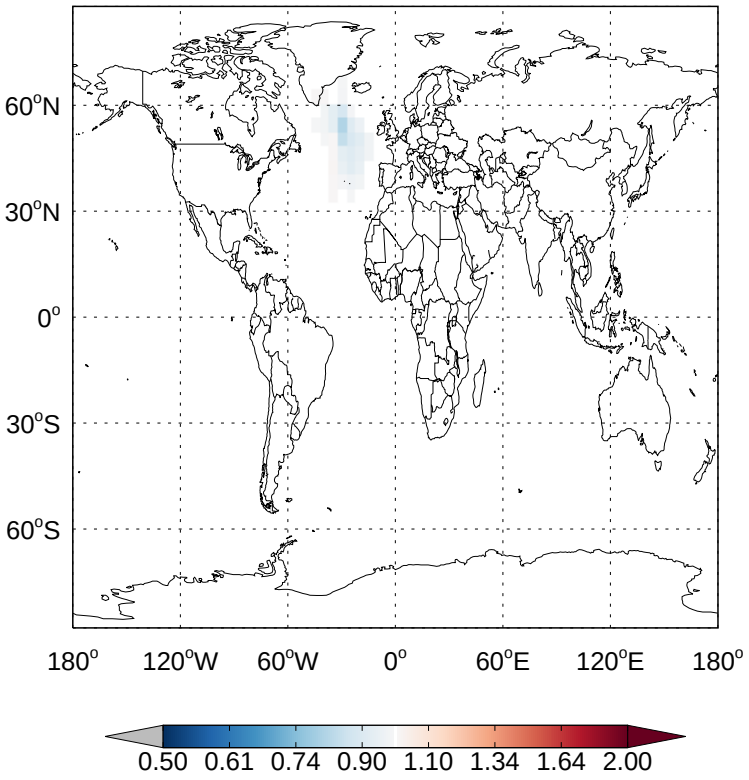
ASOA1/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

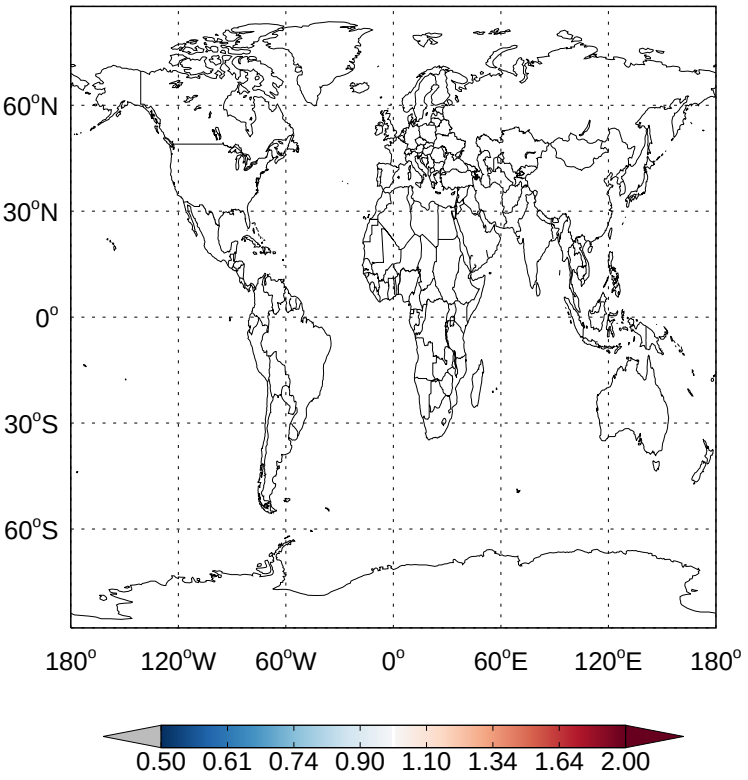
v11-01-public-Run0 / v11-01k-Run0

ASOA2 / Ratio @ Surface for Oct



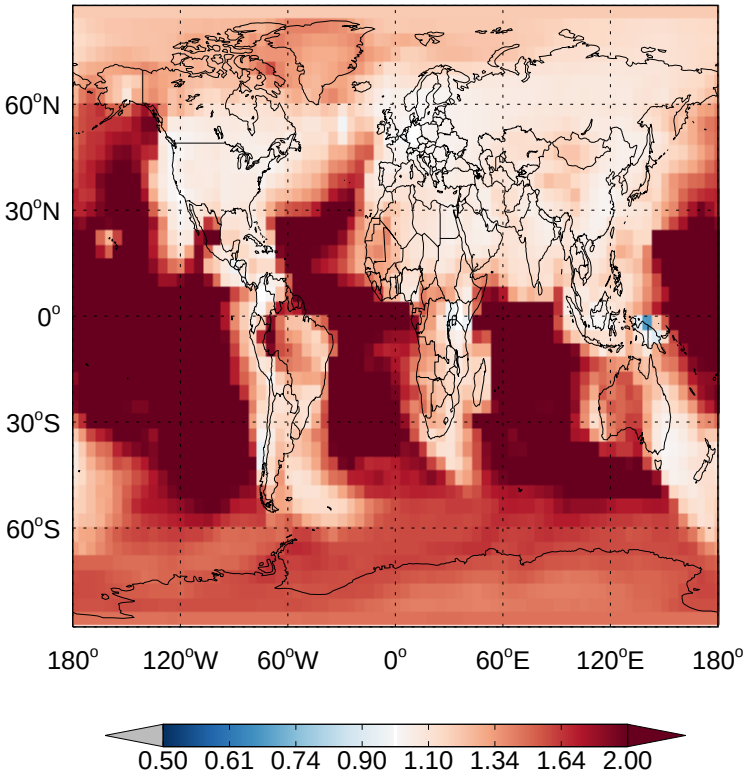
v11-01-public-Run0 / v11-01k-Run0

ASOA2/ Ratio @ 500 hPa for Oct



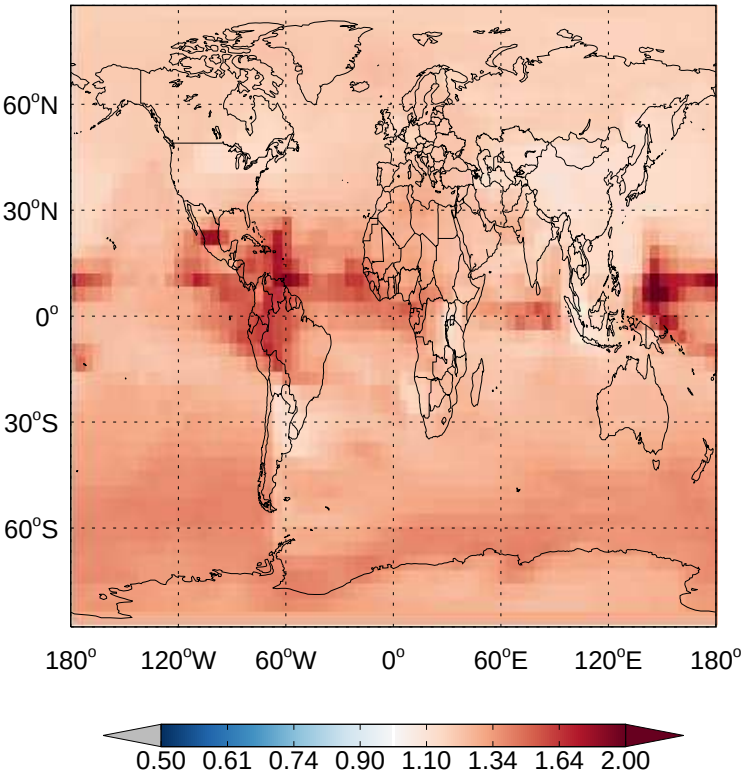
v11-01-public-Run0 / v11-01g-Run0

ASOA2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

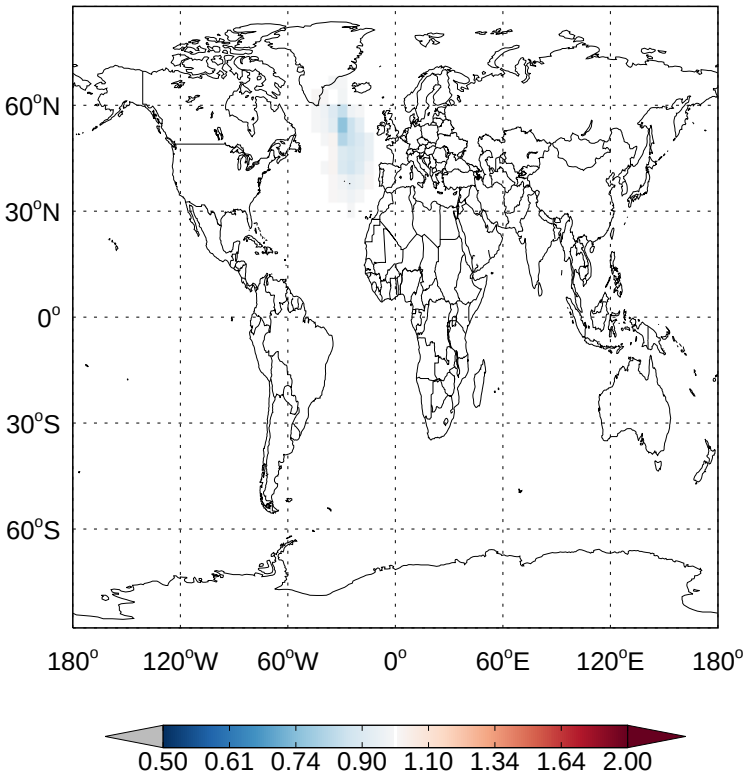
ASOA2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

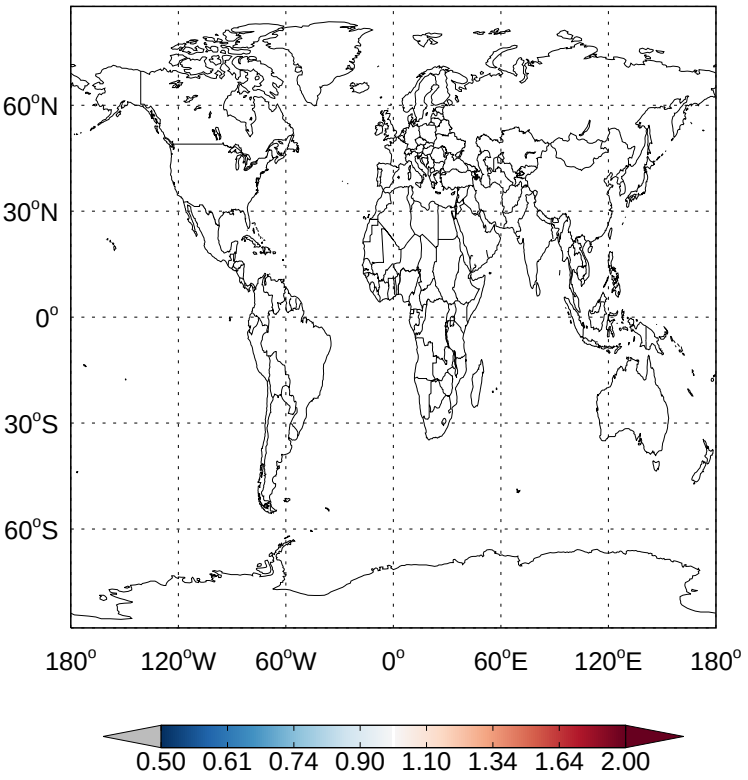
v11-01-public-Run0 / v11-01k-Run0

ASOA3 / Ratio @ Surface for Oct



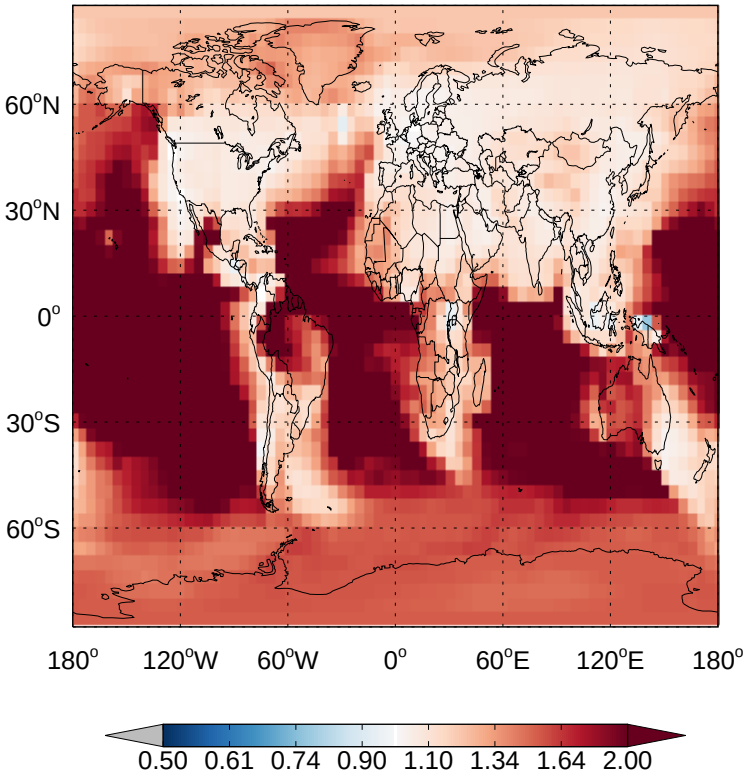
v11-01-public-Run0 / v11-01k-Run0

ASOA3/ Ratio @ 500 hPa for Oct



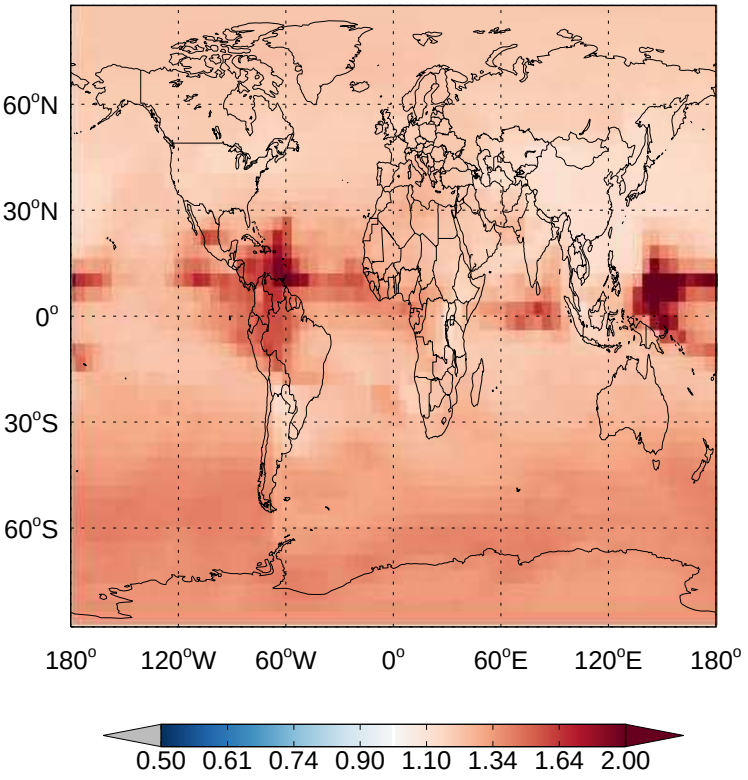
v11-01-public-Run0 / v11-01g-Run0

ASOA3 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

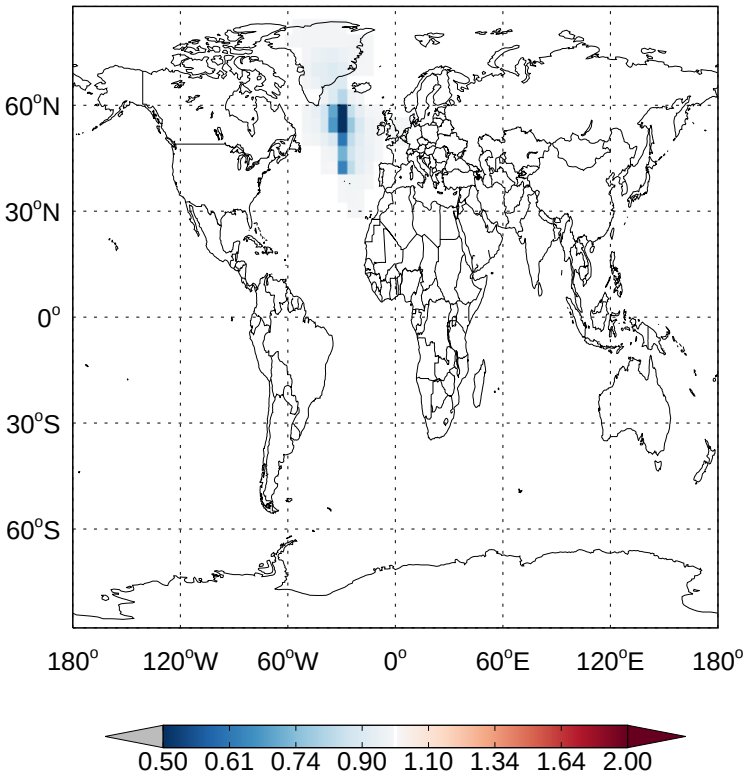
ASOA3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

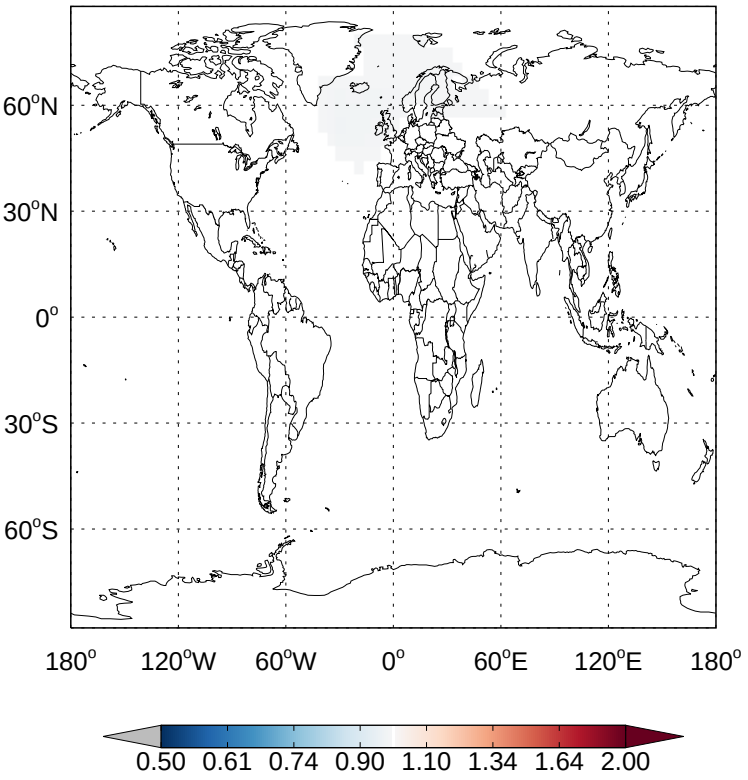
v11-01-public-Run0 / v11-01k-Run0

OH / Ratio @ Surface for Oct



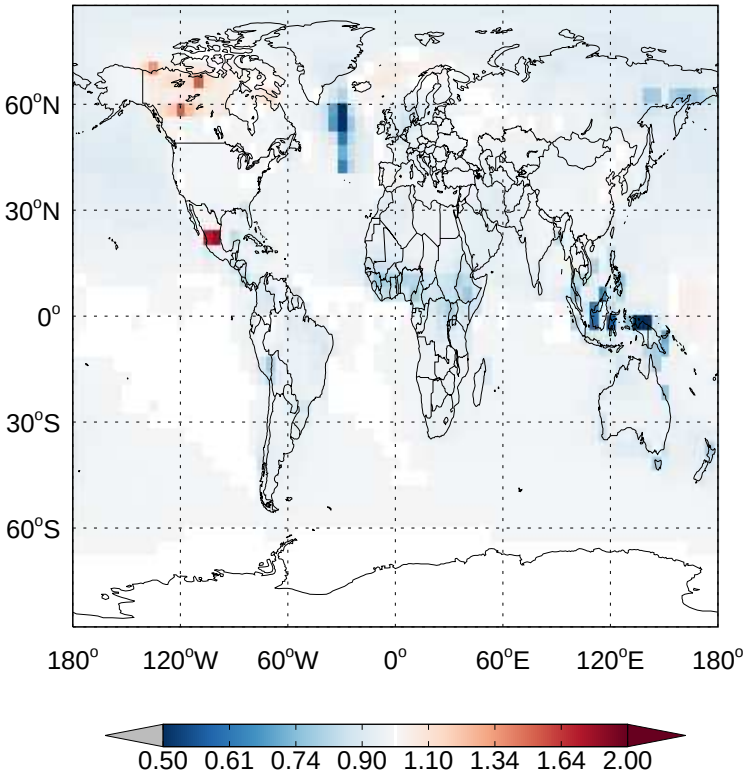
v11-01-public-Run0 / v11-01k-Run0

OH/ Ratio @ 500 hPa for Oct



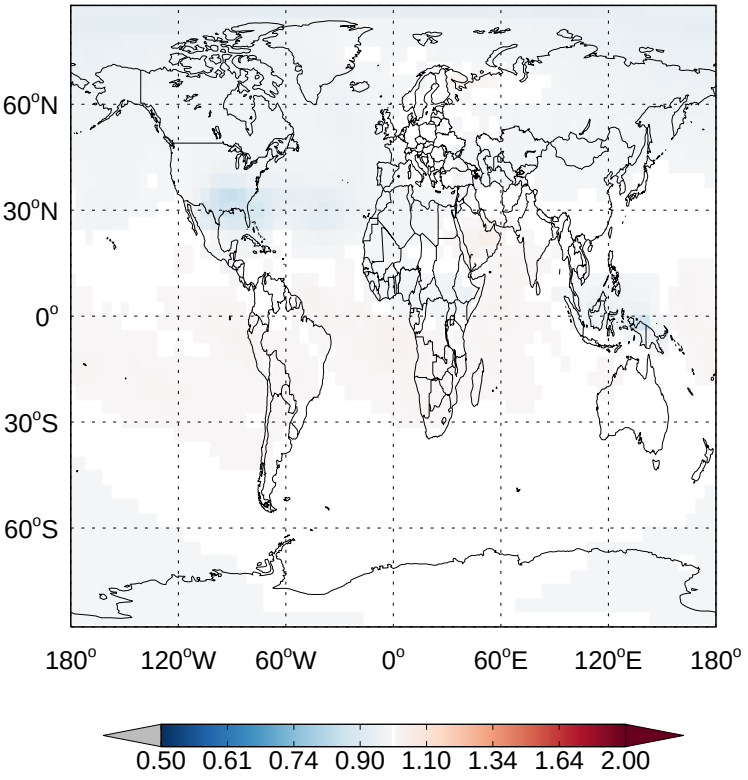
v11-01-public-Run0 / v11-01g-Run0

OH / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

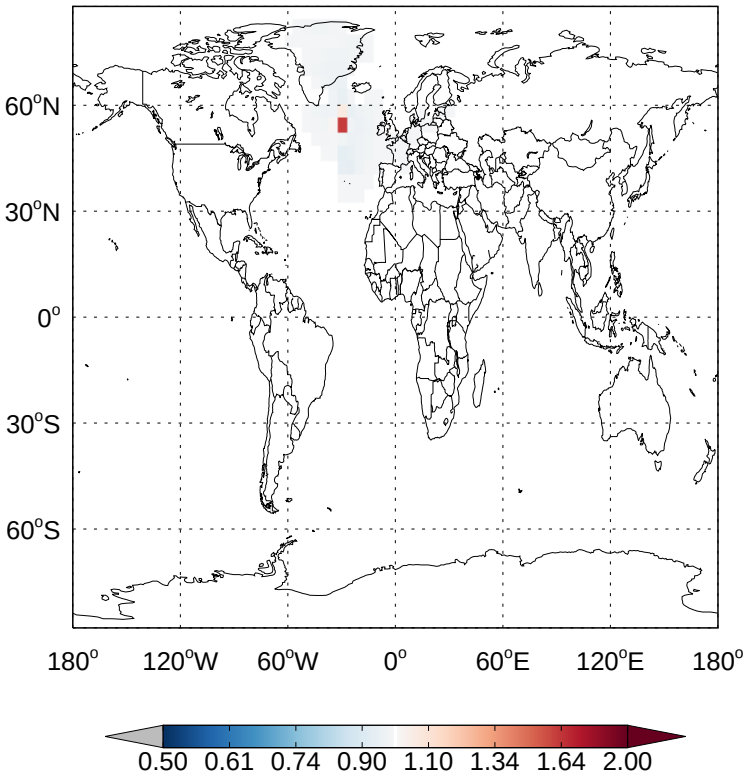
OH/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

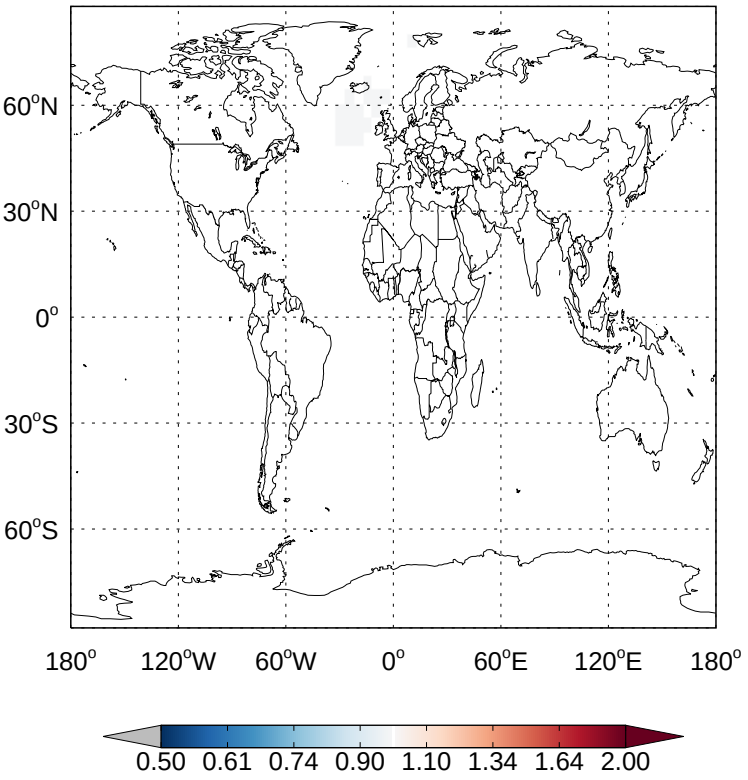
v11-01-public-Run0 / v11-01k-Run0

HO2 / Ratio @ Surface for Oct



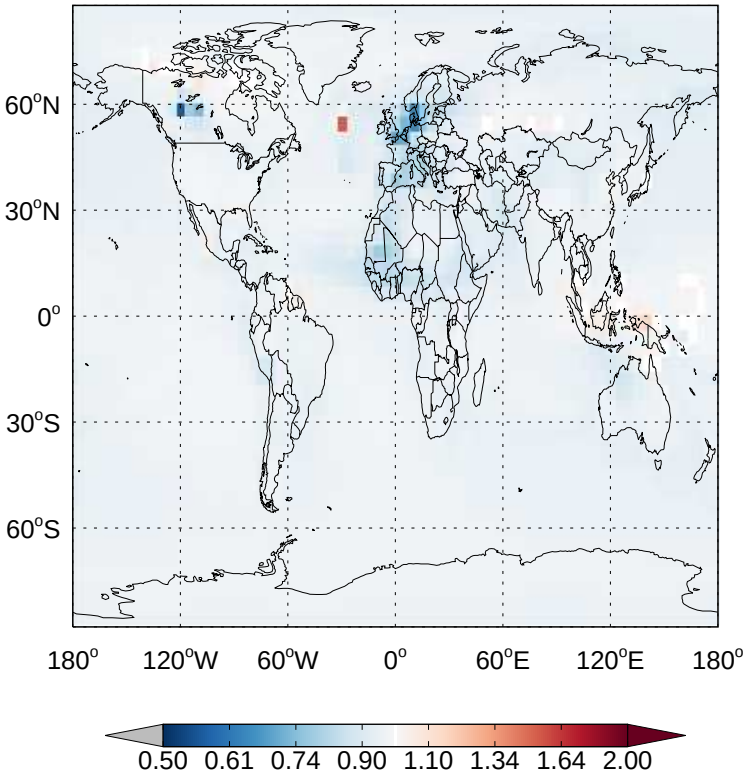
v11-01-public-Run0 / v11-01k-Run0

HO2/ Ratio @ 500 hPa for Oct



v11-01-public-Run0 / v11-01g-Run0

HO2 / Ratio @ Surface for Oct



v11-01-public-Run0 / v11-01g-Run0

HO2/ Ratio @ 500 hPa for Oct