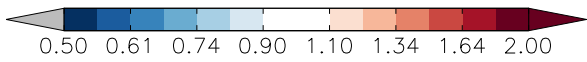
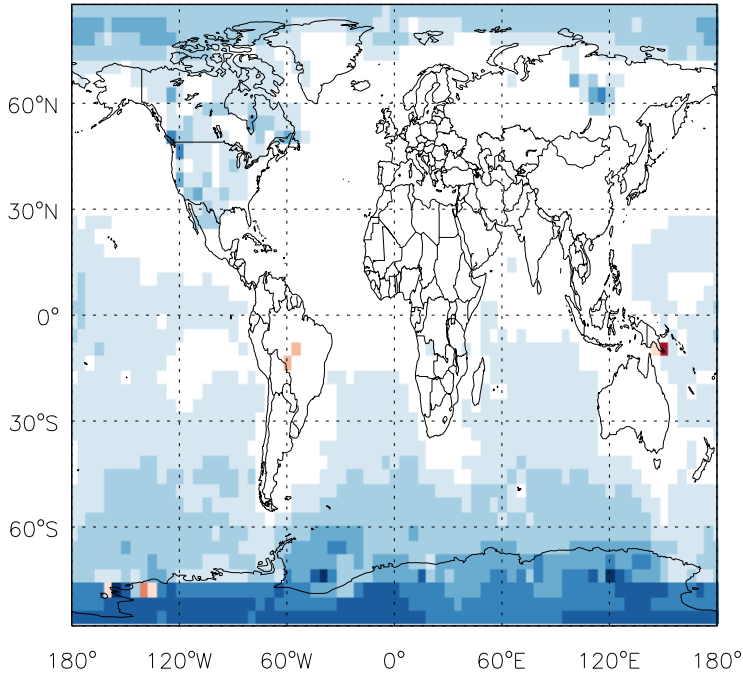


GEOS-Chem Ratio Maps at surface and 500 hPa

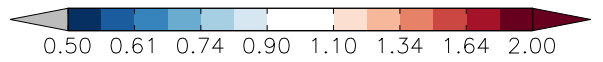
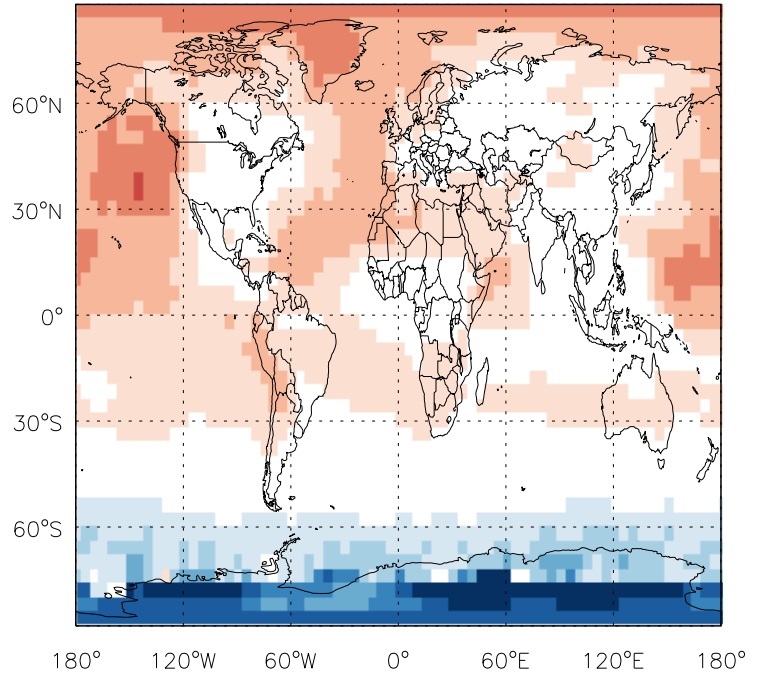
v11-01d-Run0 / v11-01b-Run0

NO / Ratio @ Surface for Jul



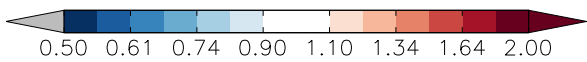
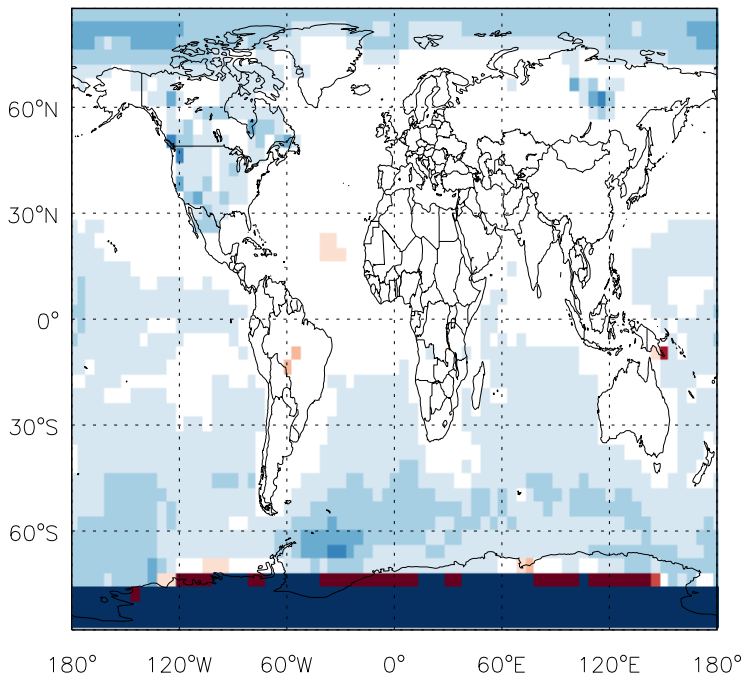
v11-01d-Run0 / v11-01b-Run0

NO / Ratio @ 500 hPa for Jul



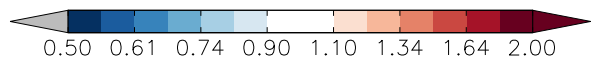
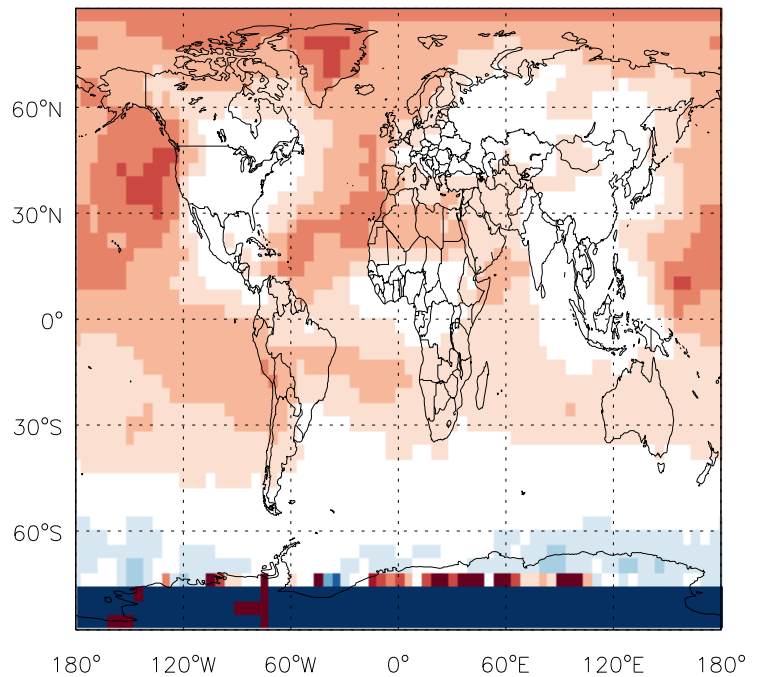
v11-01d-Run0 / v10-01-public-Run0

NO / Ratio @ Surface for Jul



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

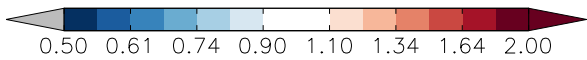
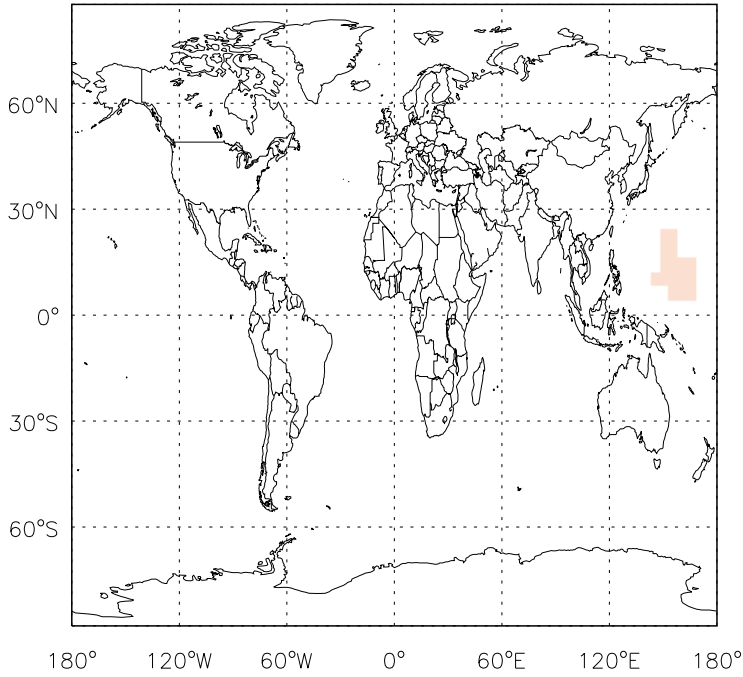
NO / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

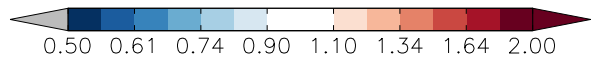
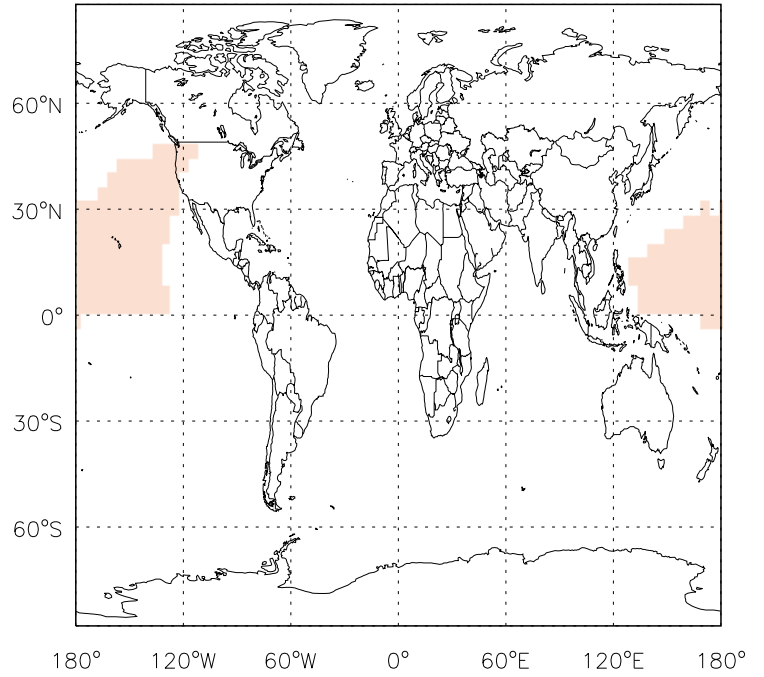
v11-01d-Run0 / v11-01b-Run0

O₃ / Ratio @ Surface for Jul



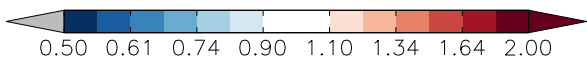
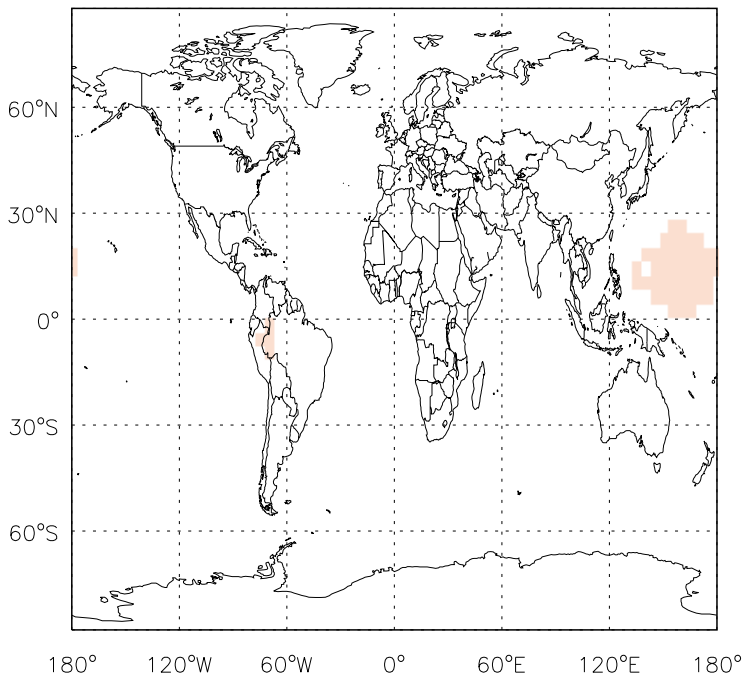
v11-01d-Run0 / v11-01b-Run0

O₃ / Ratio @ 500 hPa for Jul



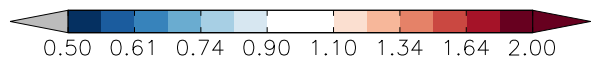
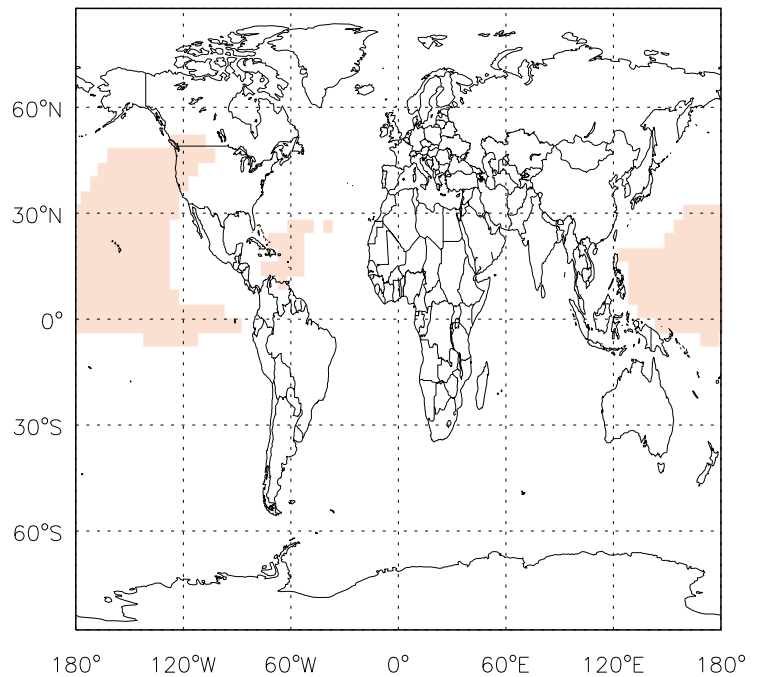
v11-01d-Run0 / v10-01-public-Run0

O₃ / Ratio @ Surface for Jul



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

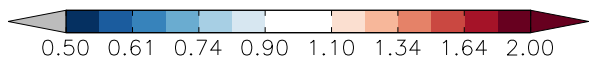
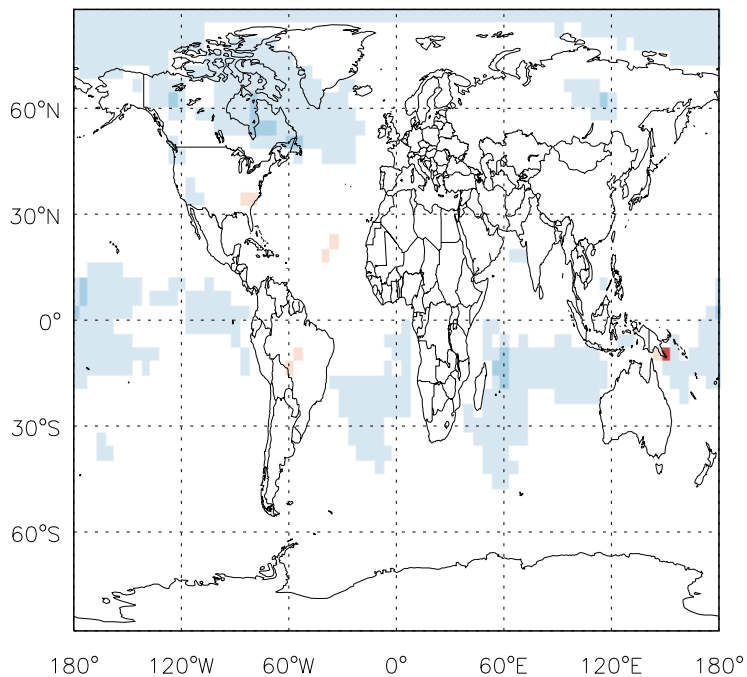
O₃ / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

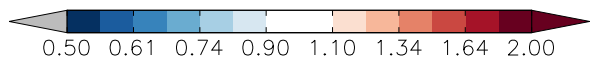
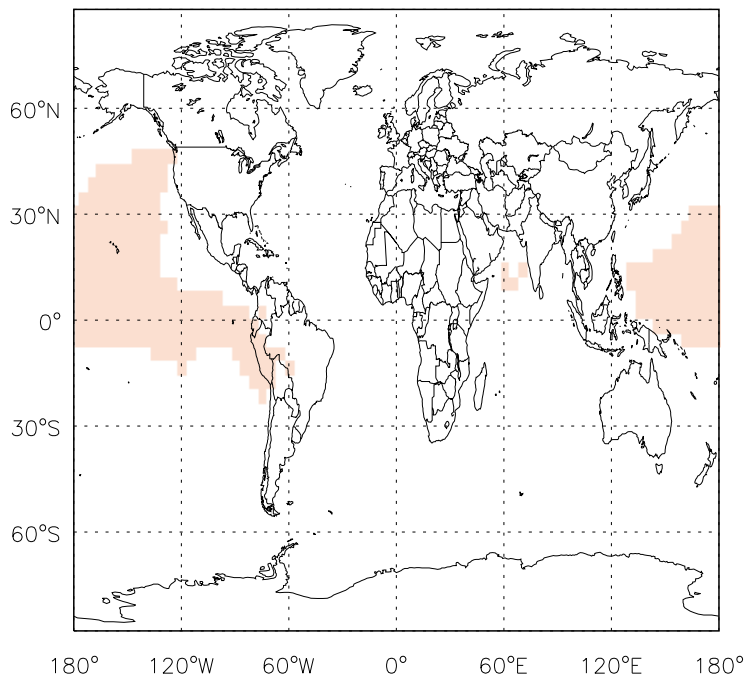
v11-01d-Run0 / v11-01b-Run0

PAN / Ratio @ Surface for Jul



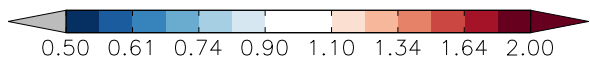
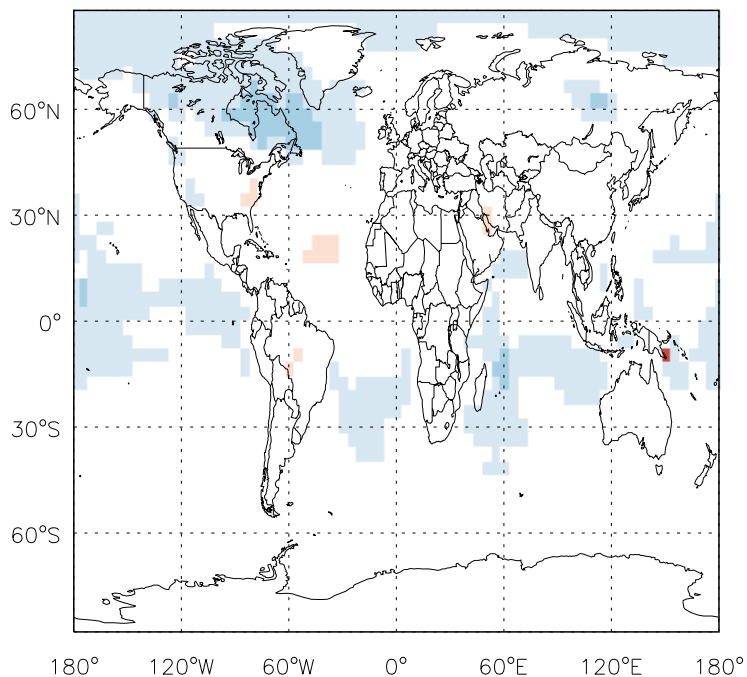
v11-01d-Run0 / v11-01b-Run0

PAN/ Ratio @ 500 hPa for Jul



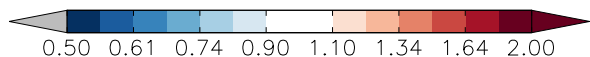
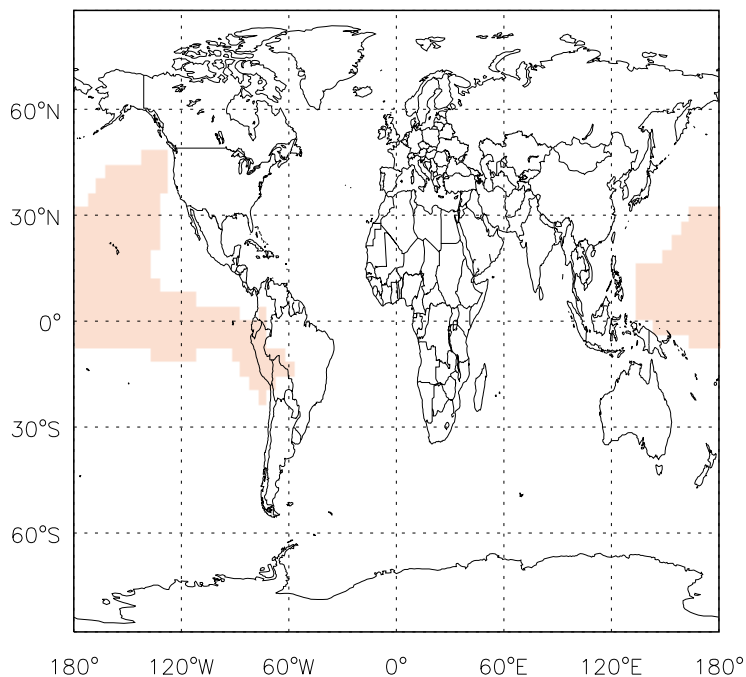
v11-01d-Run0 / v10-01-public-Run0

PAN / Ratio @ Surface for Jul



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

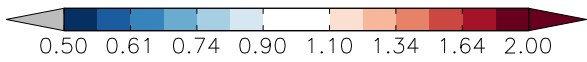
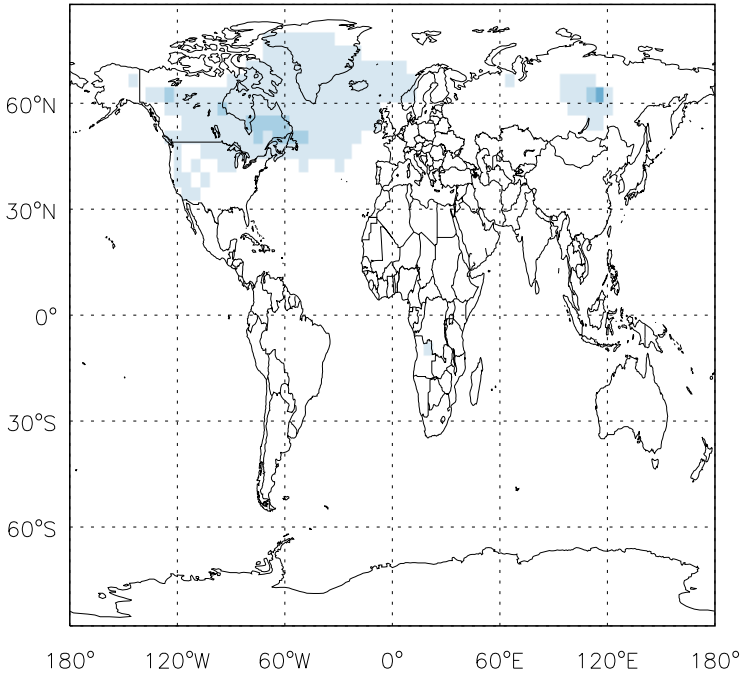
PAN/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

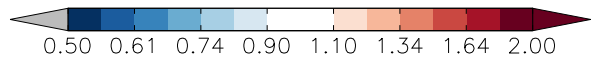
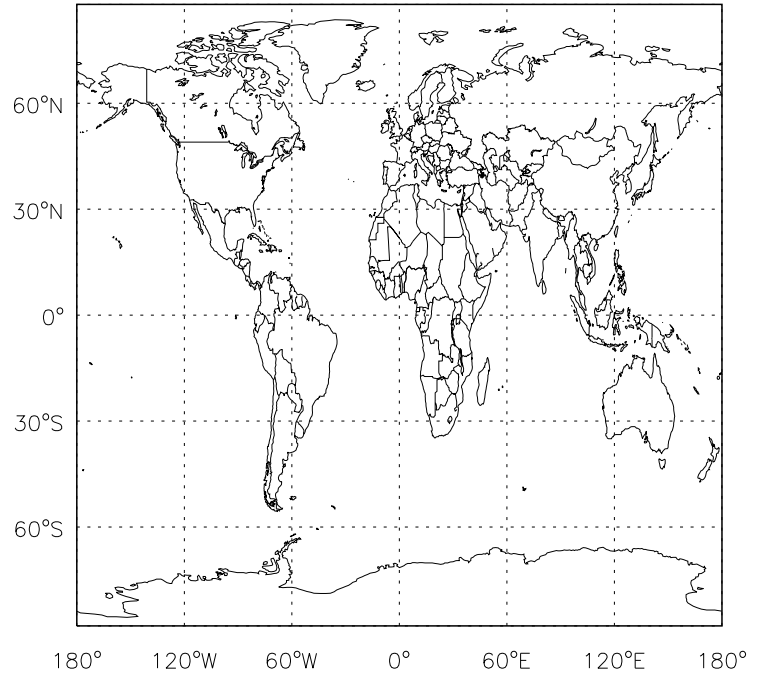
v11-01d-Run0 / v11-01b-Run0

CO / Ratio @ Surface for Jul



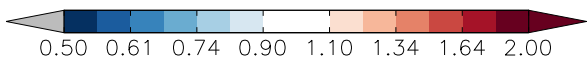
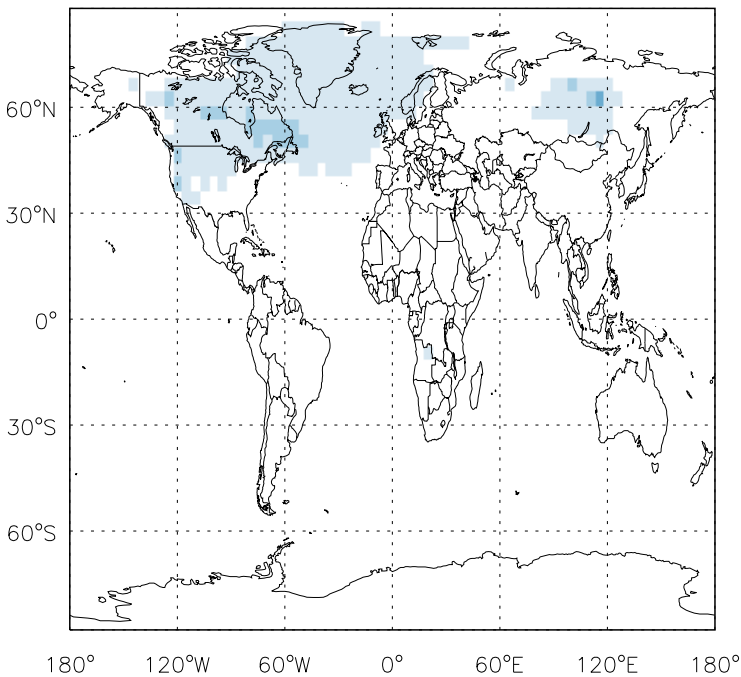
v11-01d-Run0 / v11-01b-Run0

CO / Ratio @ 500 hPa for Jul



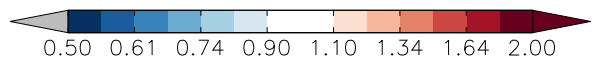
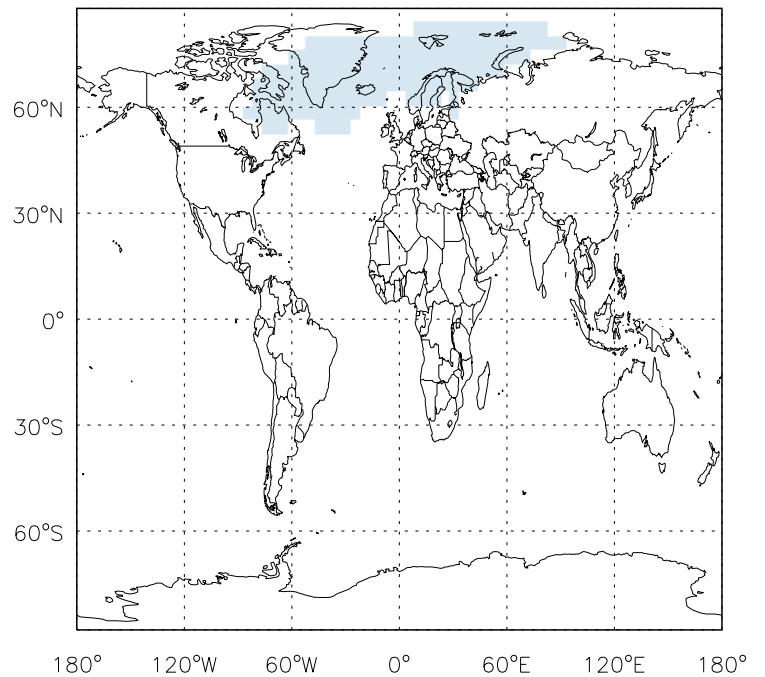
v11-01d-Run0 / v10-01-public-Run0

CO / Ratio @ Surface for Jul



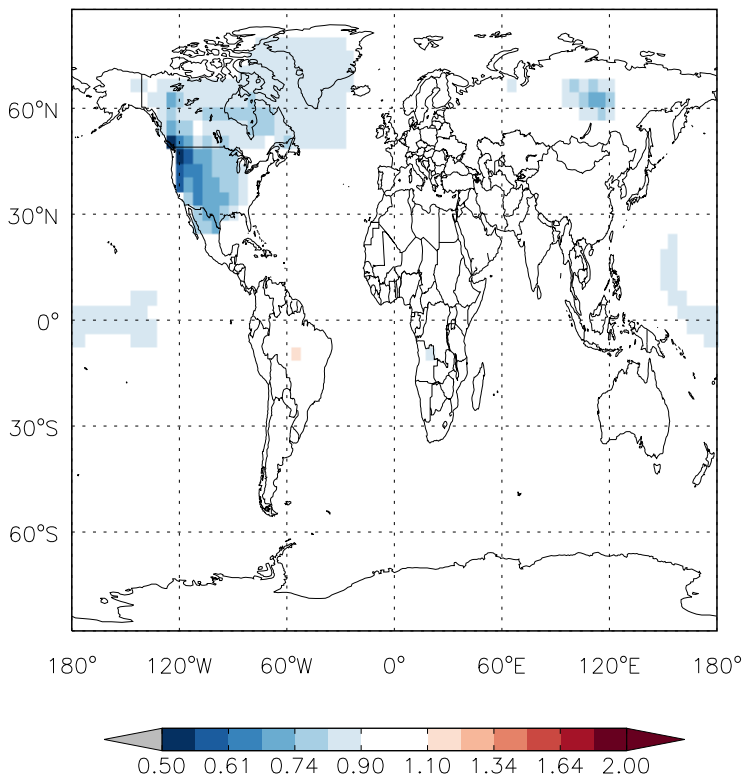
v11-01d-Run0 / v10-01-public-Run0

CO / Ratio @ 500 hPa for Jul

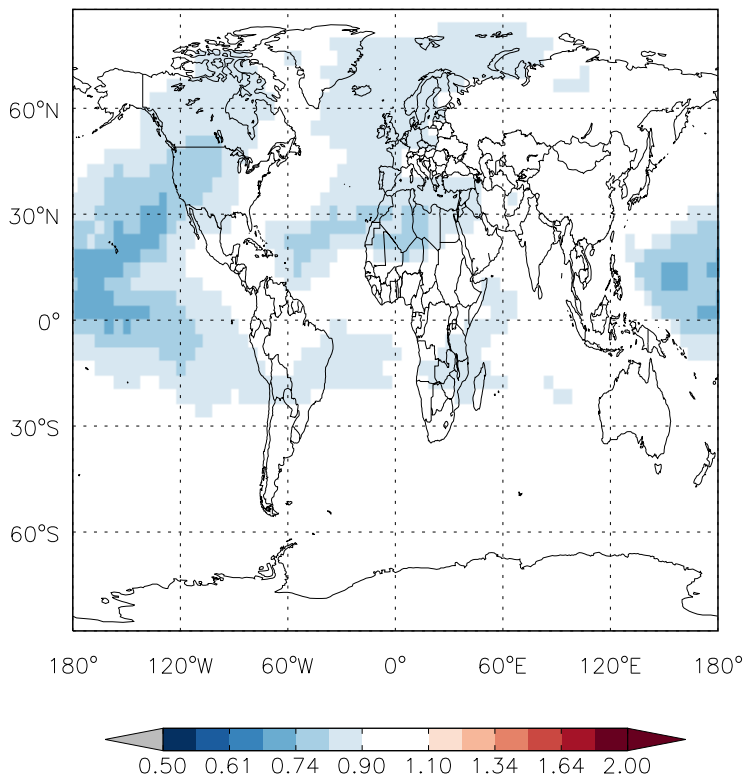


GEOS-Chem Ratio Maps at surface and 500 hPa

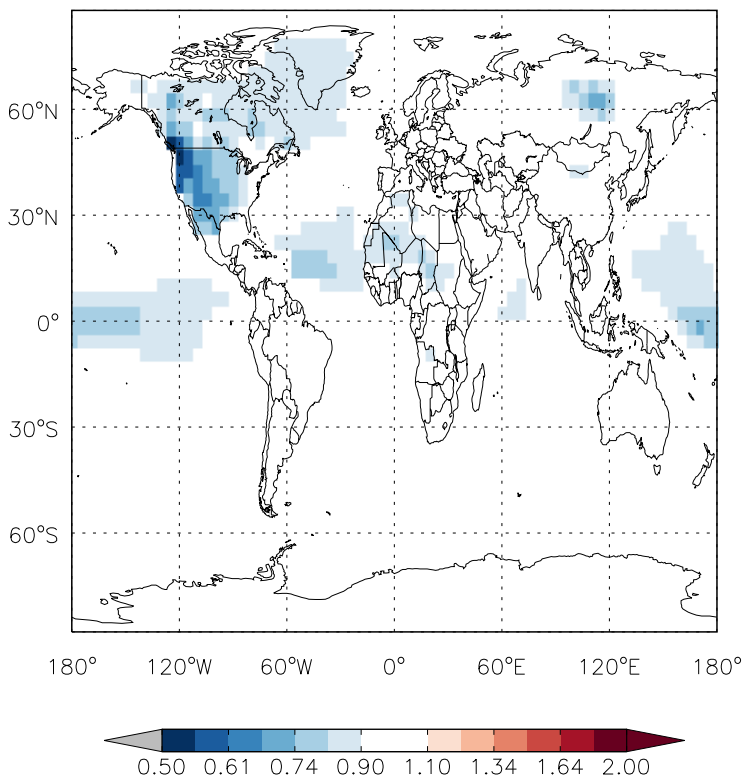
v11-01d-Run0 / v11-01b-Run0
ALK4 / Ratio @ Surface for Jul



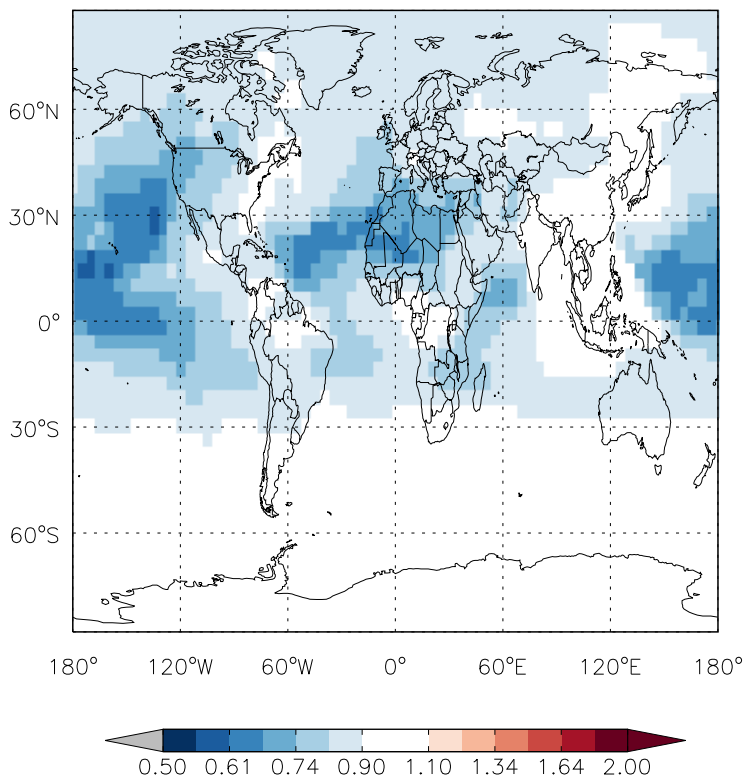
v11-01d-Run0 / v11-01b-Run0
ALK4/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
ALK4 / Ratio @ Surface for Jul



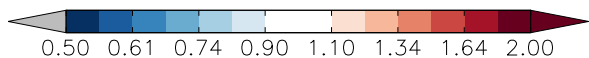
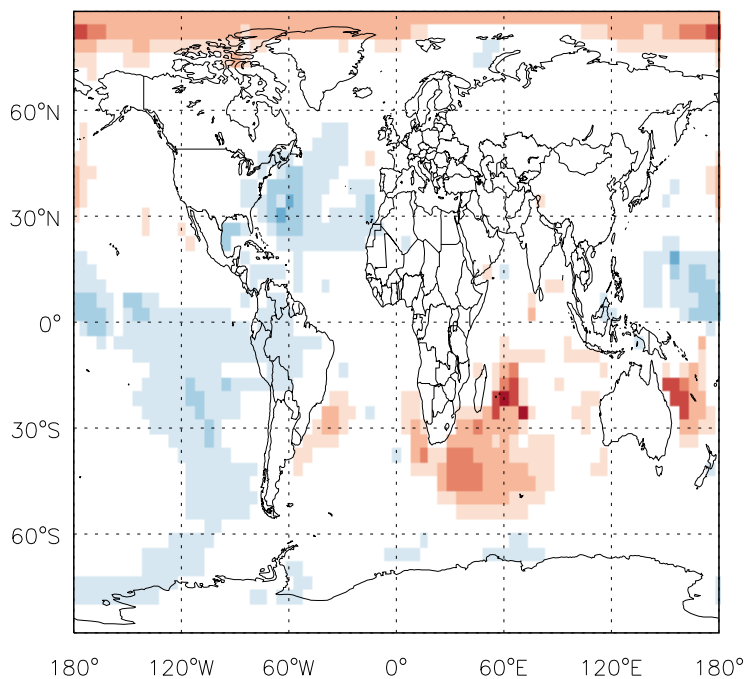
v11-01d-Run0 / v10-01-public-Run0
ALK4/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

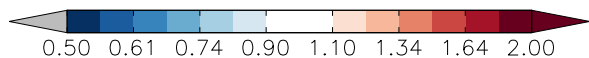
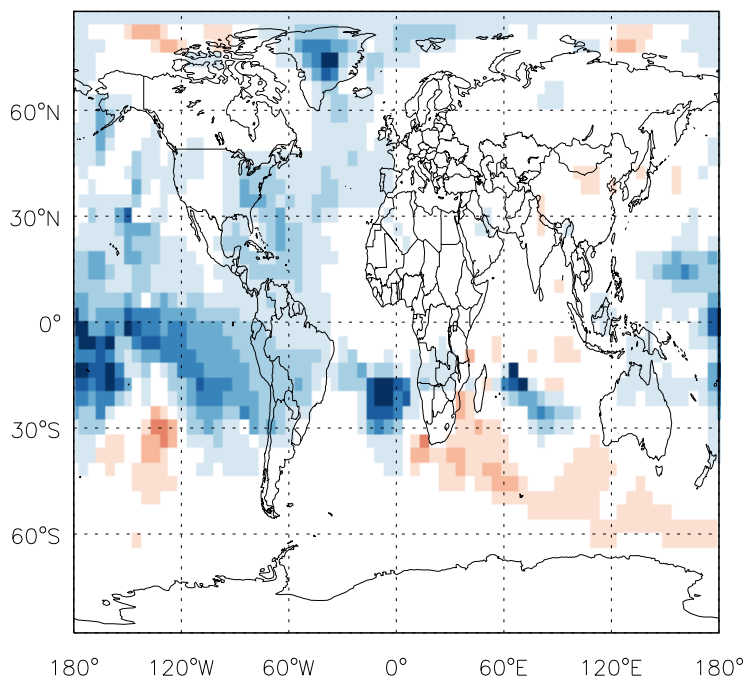
v11-01d-Run0 / v11-01b-Run0

ISOP / Ratio @ Surface for Jul



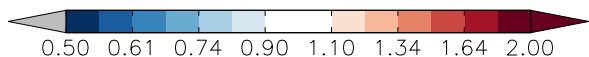
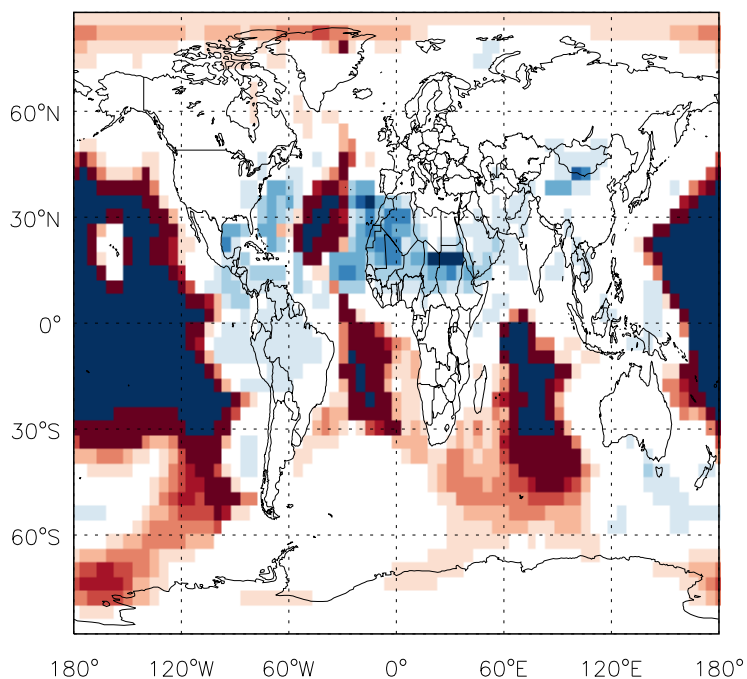
v11-01d-Run0 / v11-01b-Run0

ISOP / Ratio @ 500 hPa for Jul



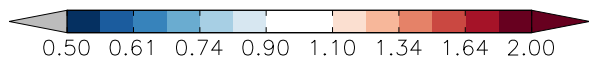
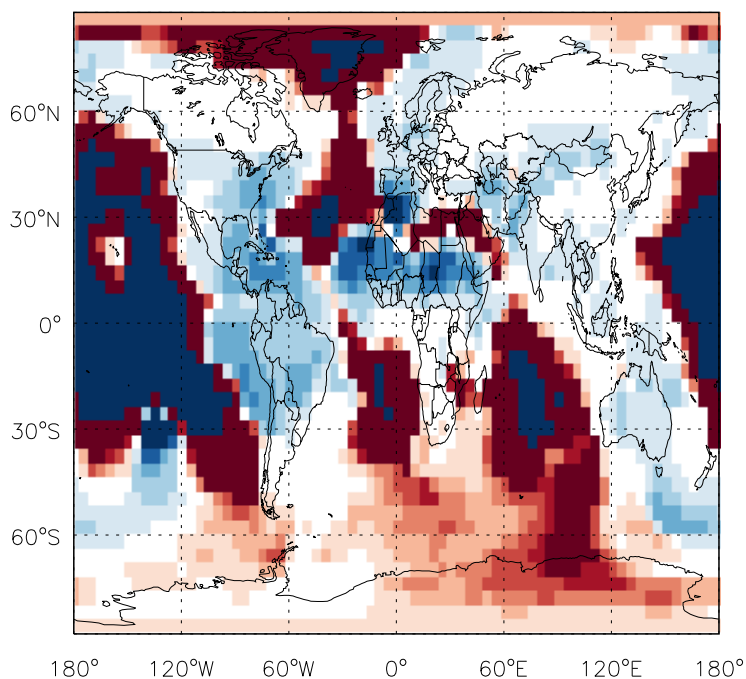
v11-01d-Run0 / v10-01-public-Run0

ISOP / Ratio @ Surface for Jul



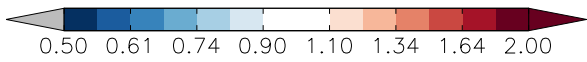
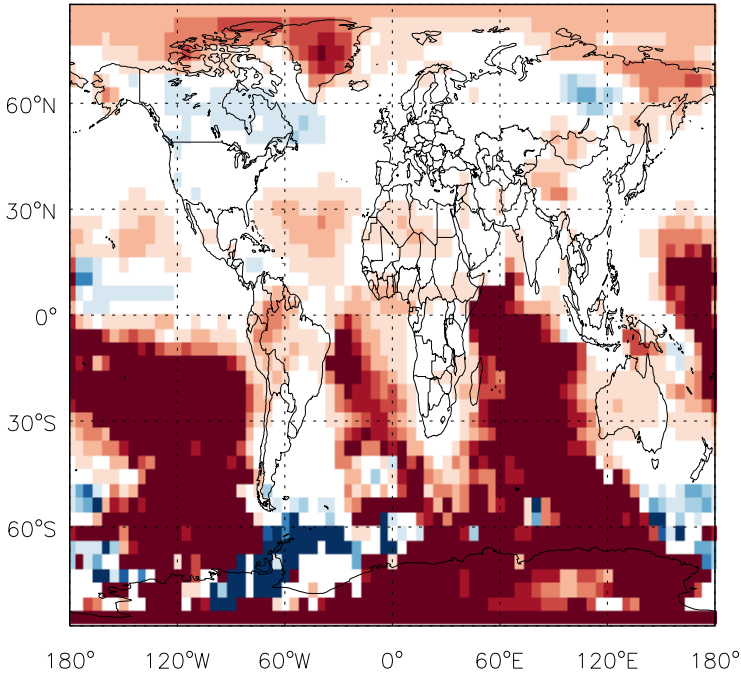
v11-01d-Run0 / v10-01-public-Run0

ISOP / Ratio @ 500 hPa for Jul

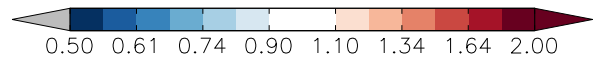
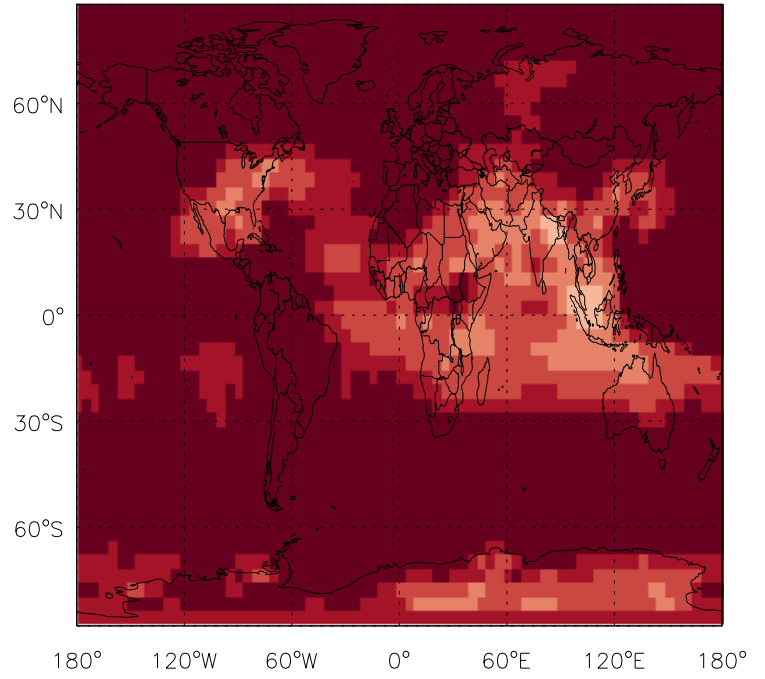


GEOS-Chem Ratio Maps at surface and 500 hPa

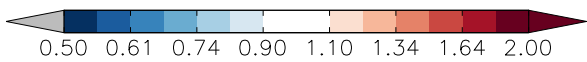
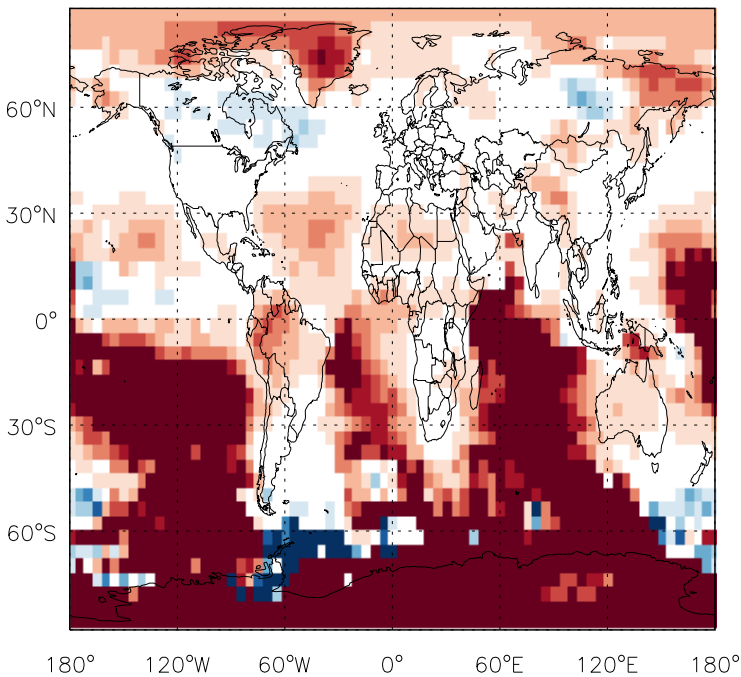
v11-01d-Run0 / v11-01b-Run0
HNO₃ / Ratio @ Surface for Jul



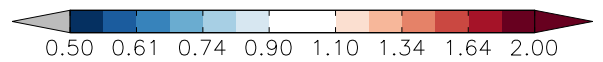
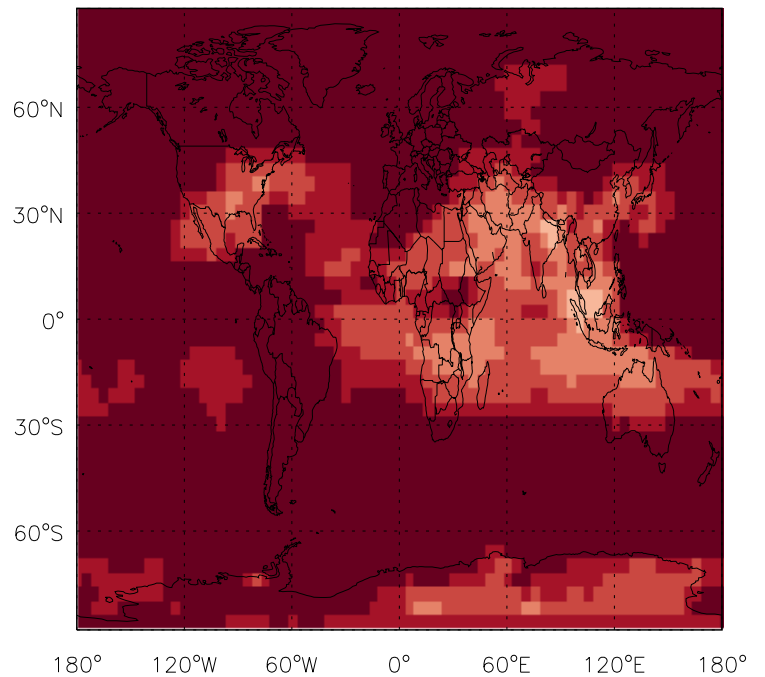
v11-01d-Run0 / v11-01b-Run0
HNO₃/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
HNO₃ / Ratio @ Surface for Jul

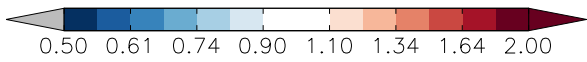
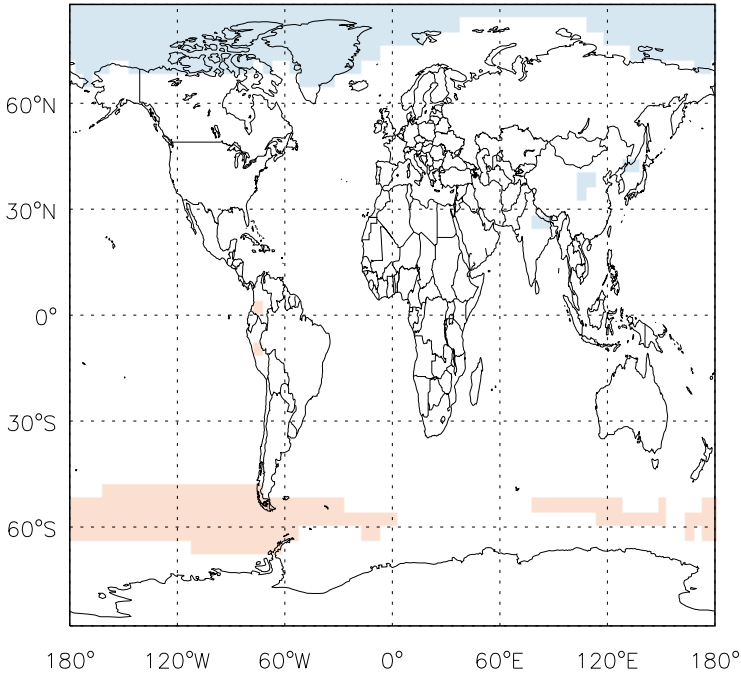


v11-01d-Run0 / v10-01-public-Run0
HNO₃/ Ratio @ 500 hPa for Jul

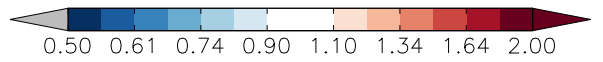
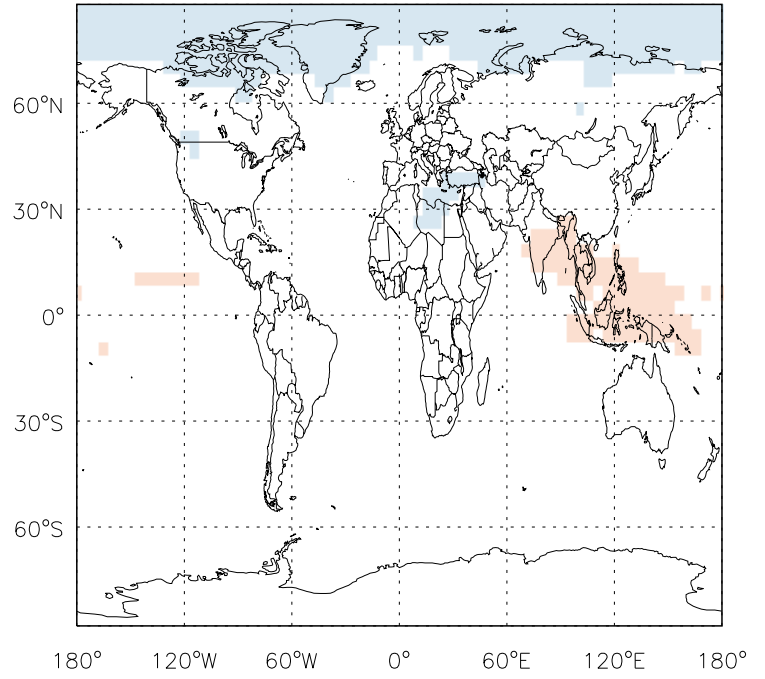


GEOS-Chem Ratio Maps at surface and 500 hPa

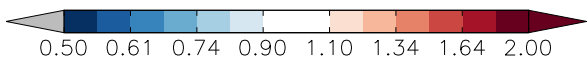
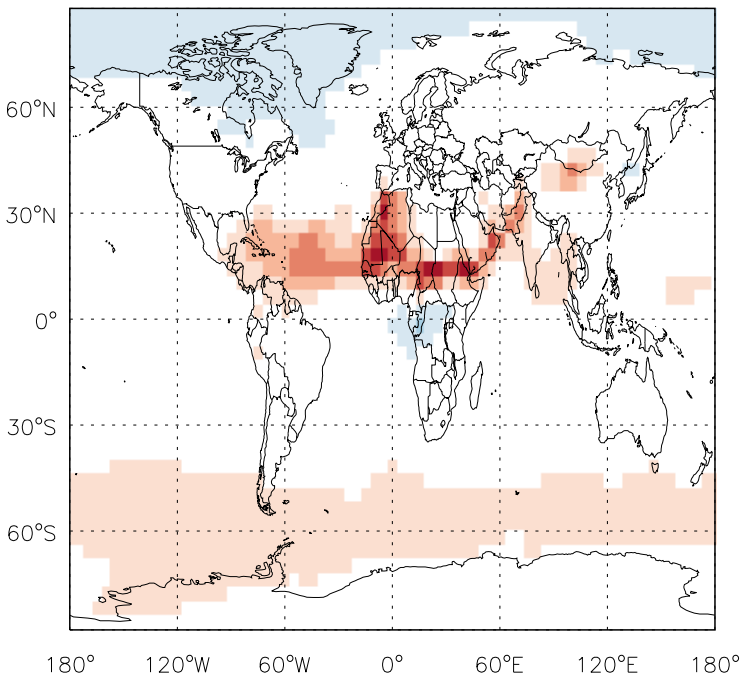
v11-01d-Run0 / v11-01b-Run0
H2O2 / Ratio @ Surface for Jul



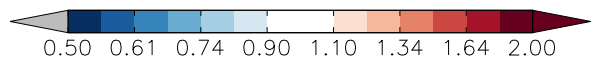
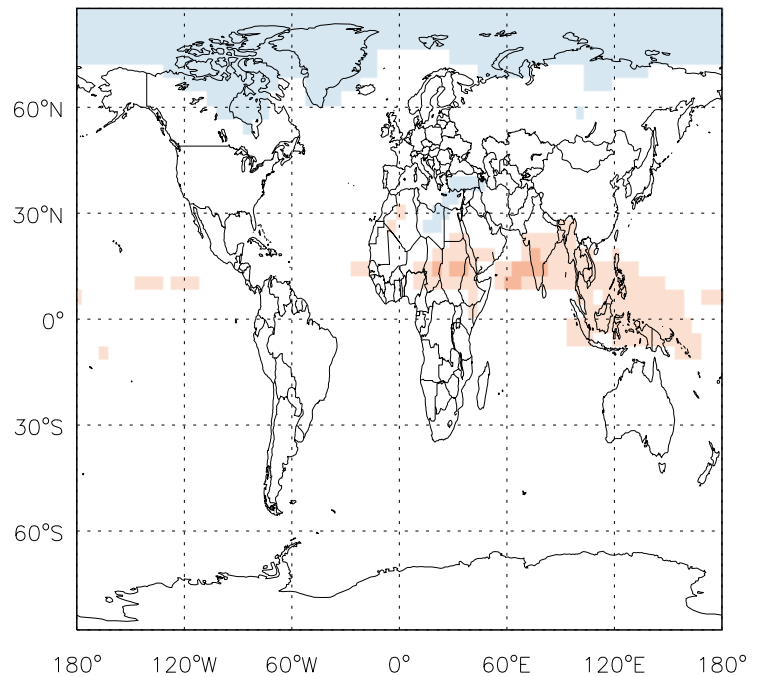
v11-01d-Run0 / v11-01b-Run0
H2O2 / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
H2O2 / Ratio @ Surface for Jul



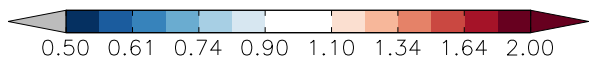
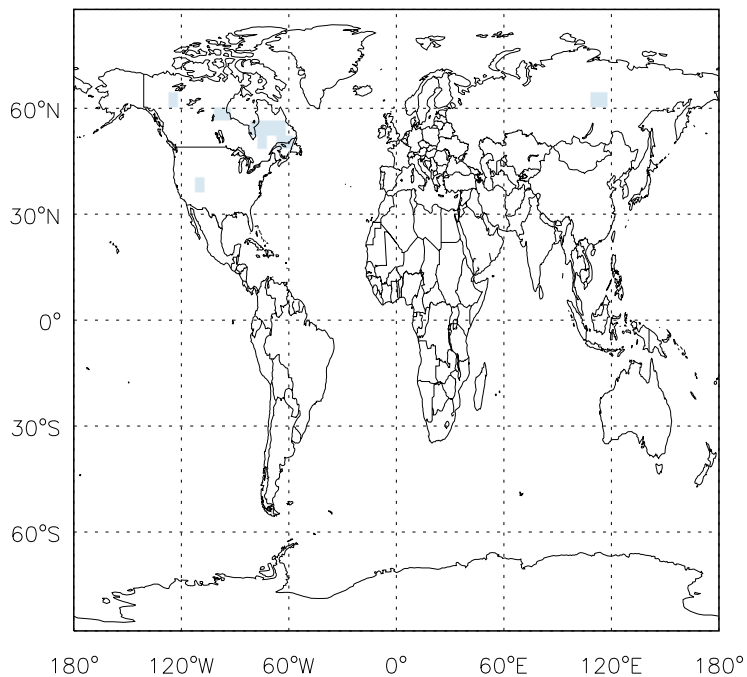
v11-01d-Run0 / v10-01-public-Run0
H2O2 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

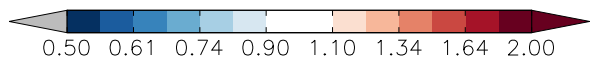
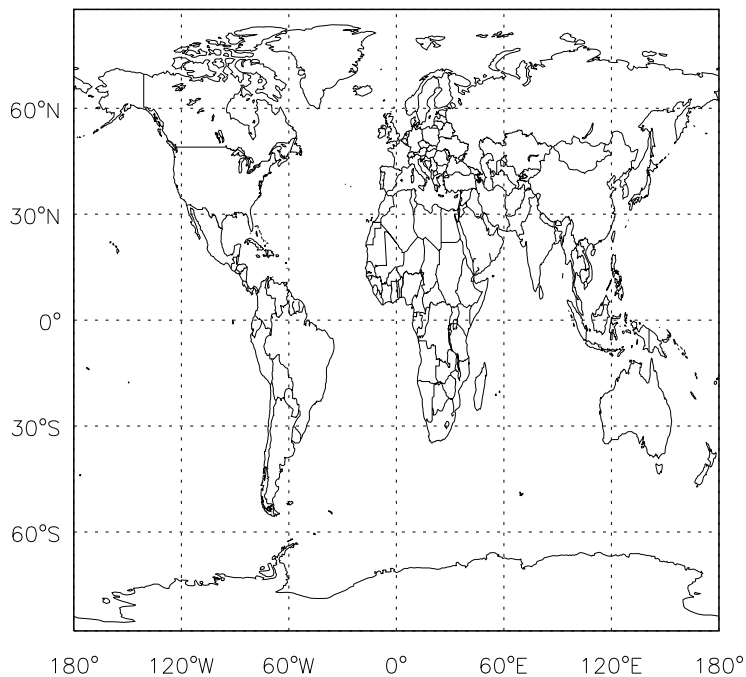
v11-01d-Run0 / v11-01b-Run0

ACET / Ratio @ Surface for Jul



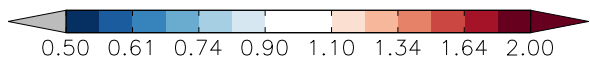
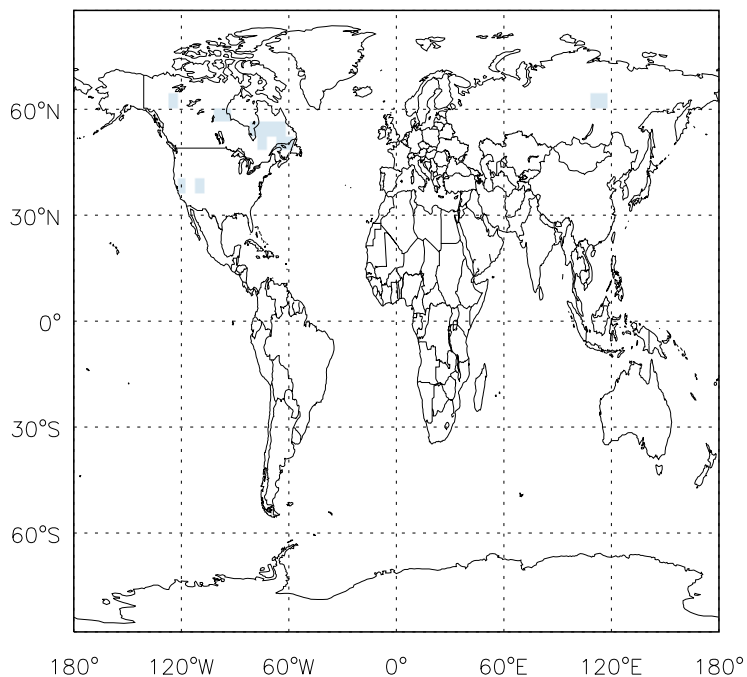
v11-01d-Run0 / v11-01b-Run0

ACET/ Ratio @ 500 hPa for Jul



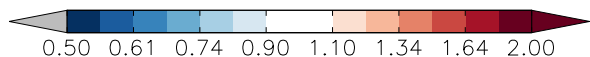
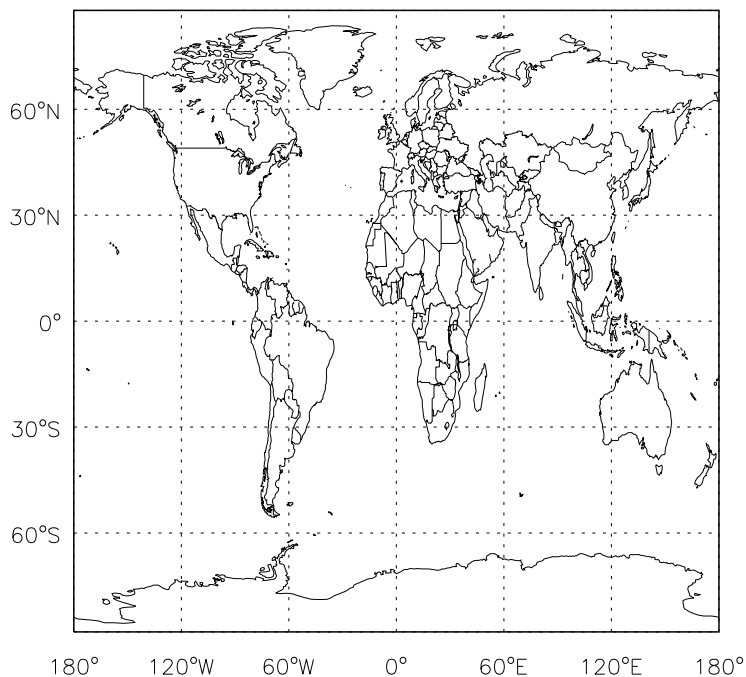
v11-01d-Run0 / v10-01-public-Run0

ACET / Ratio @ Surface for Jul



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

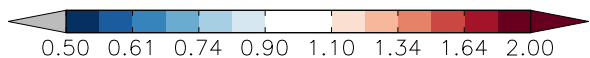
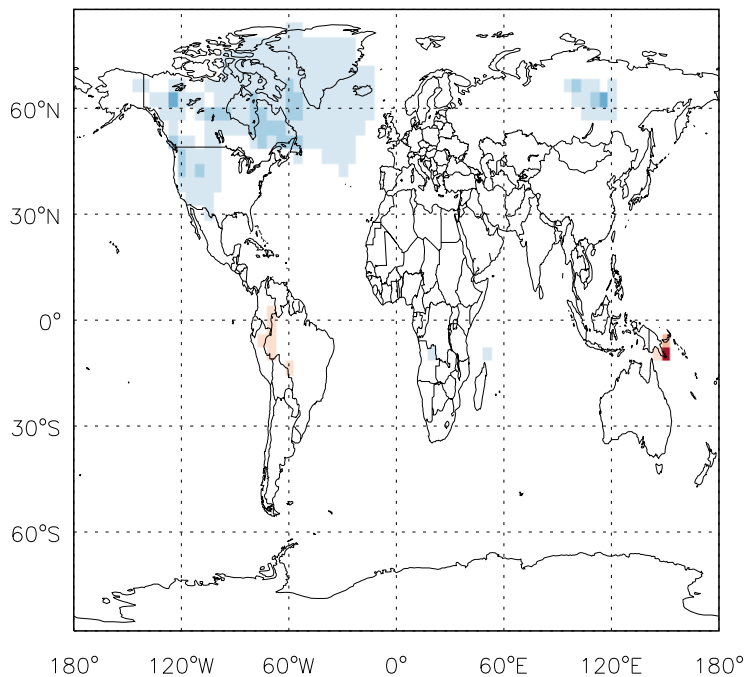
ACET/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

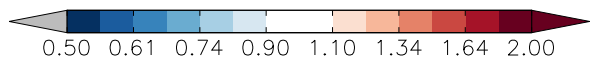
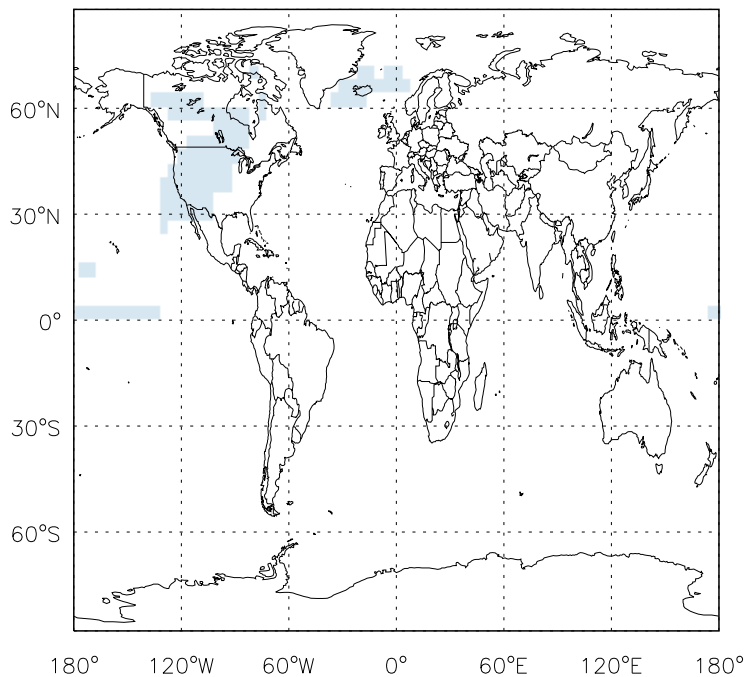
v11-01d-Run0 / v11-01b-Run0

MEK / Ratio @ Surface for Jul



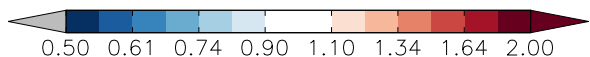
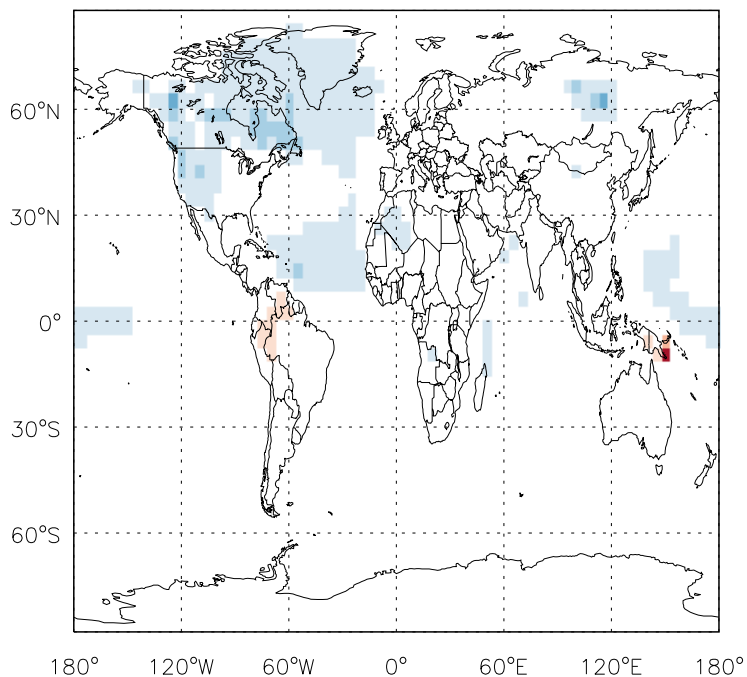
v11-01d-Run0 / v11-01b-Run0

MEK/ Ratio @ 500 hPa for Jul



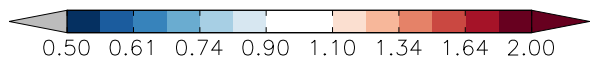
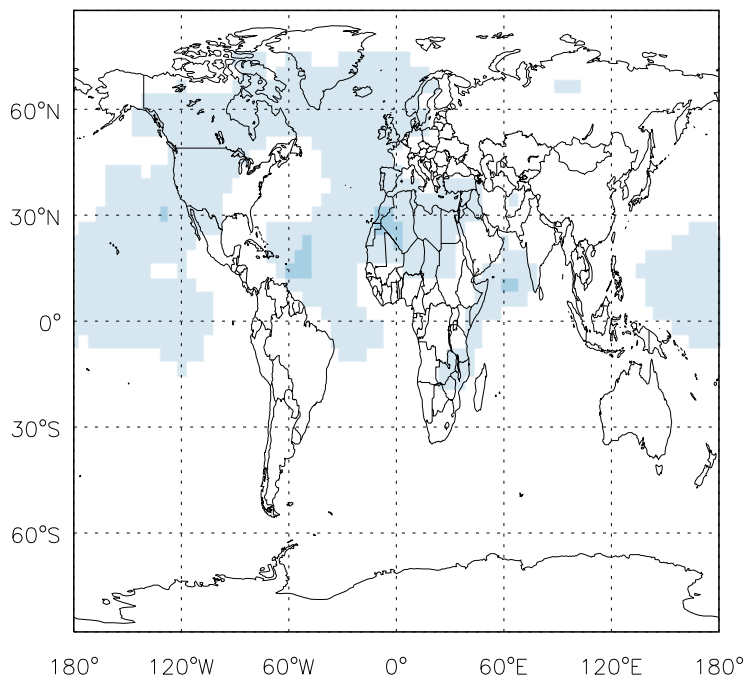
v11-01d-Run0 / v10-01-public-Run0

MEK / Ratio @ Surface for Jul



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

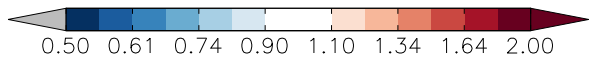
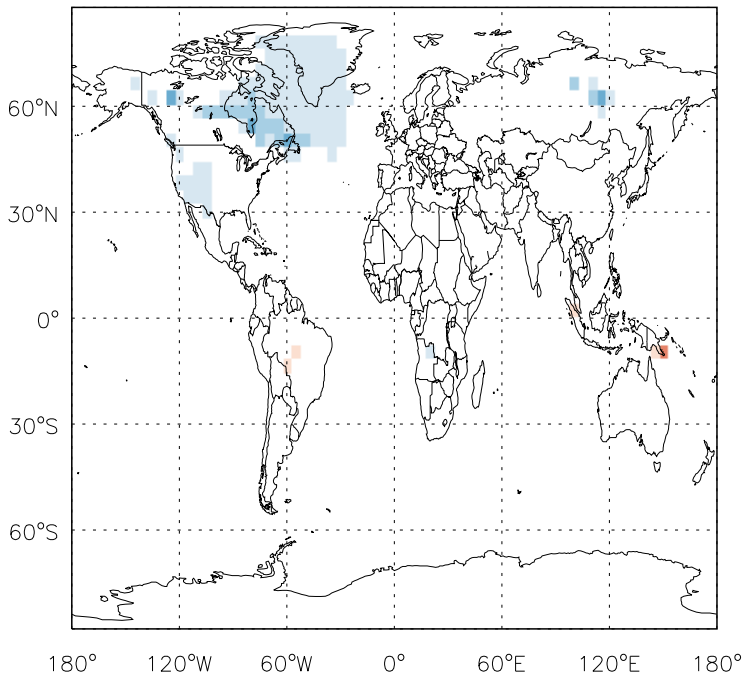
MEK/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

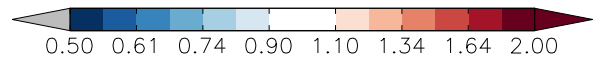
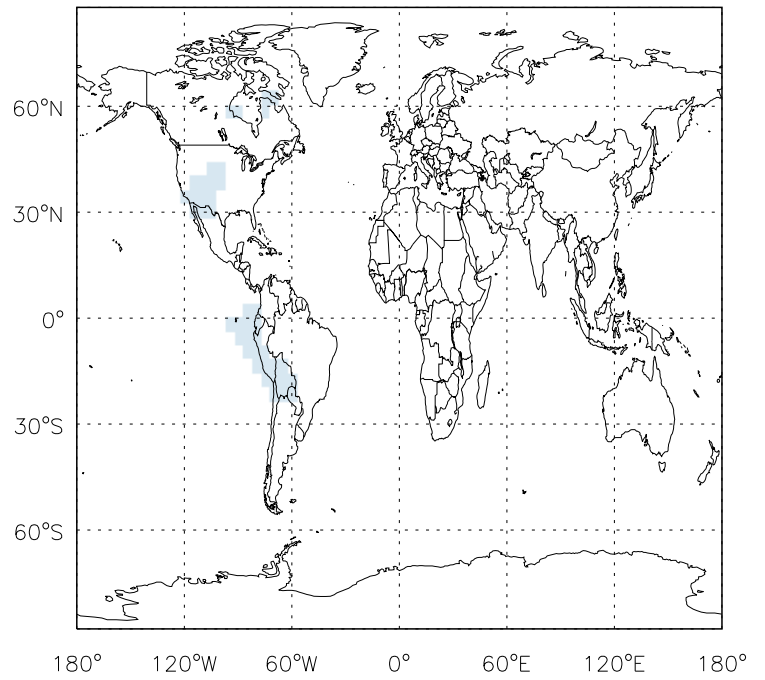
v11-01d-Run0 / v11-01b-Run0

ALD2 / Ratio @ Surface for Jul



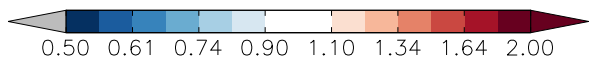
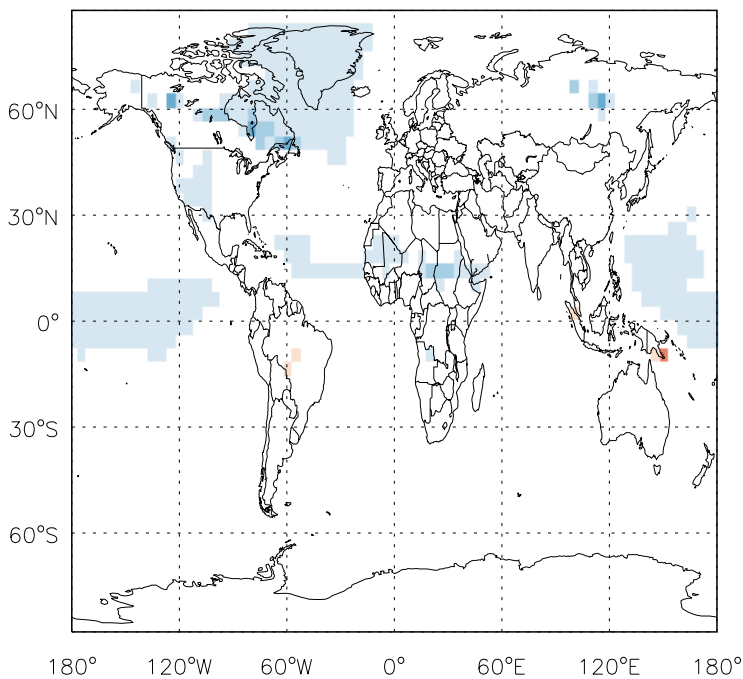
v11-01d-Run0 / v11-01b-Run0

ALD2/ Ratio @ 500 hPa for Jul



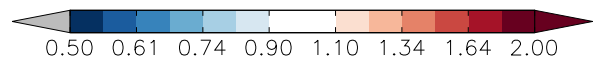
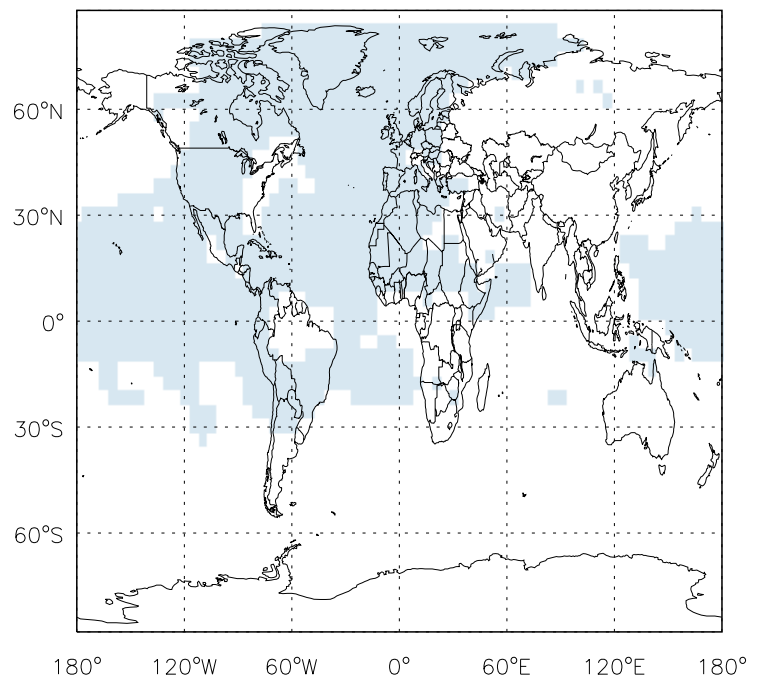
v11-01d-Run0 / v10-01-public-Run0

ALD2 / Ratio @ Surface for Jul



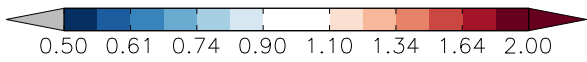
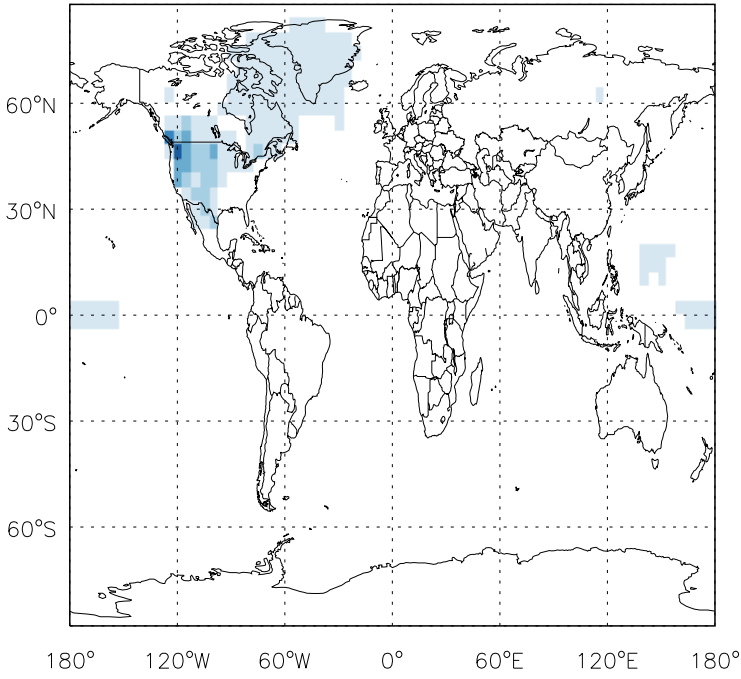
v11-01d-Run0 / v10-01-public-Run0

ALD2/ Ratio @ 500 hPa for Jul

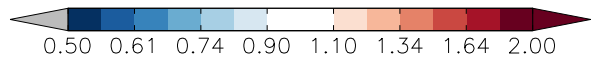
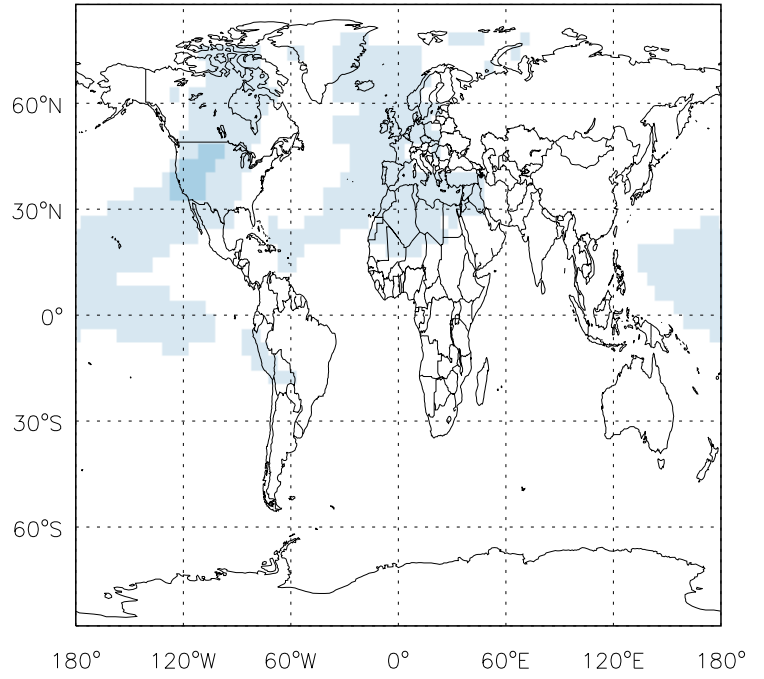


GEOS-Chem Ratio Maps at surface and 500 hPa

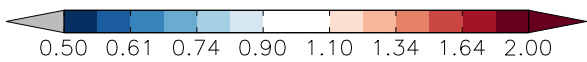
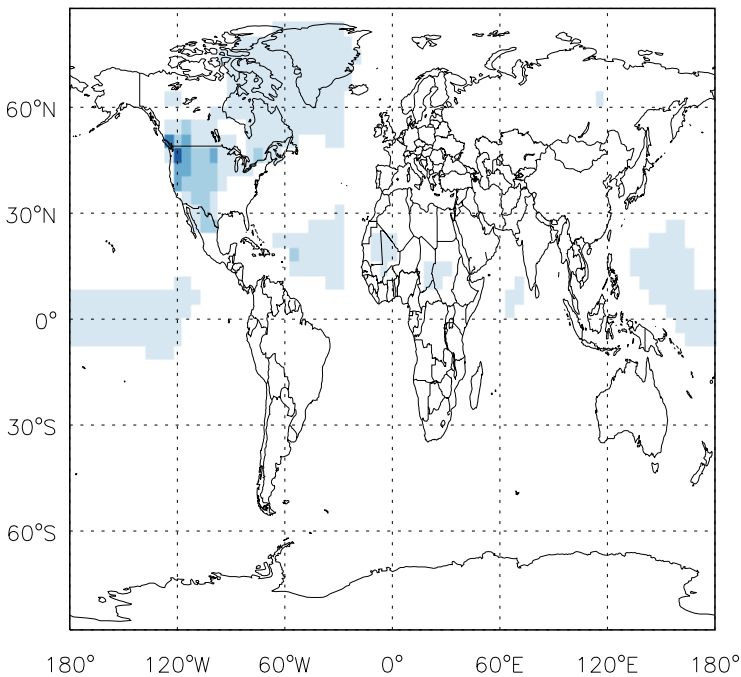
v11-01d-Run0 / v11-01b-Run0
RCHO / Ratio @ Surface for Jul



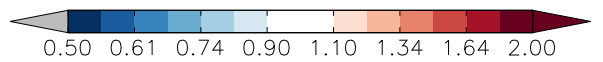
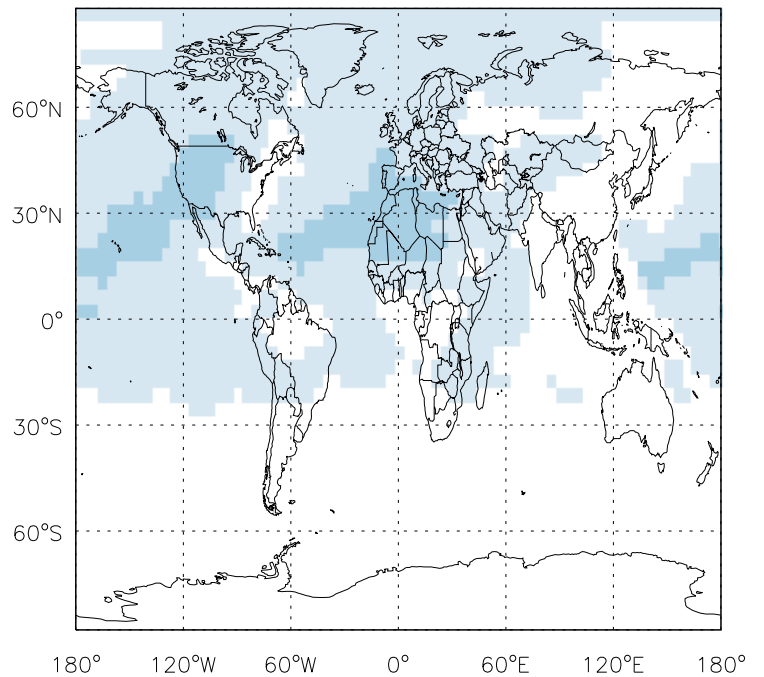
v11-01d-Run0 / v11-01b-Run0
RCHO / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
RCHO / Ratio @ Surface for Jul



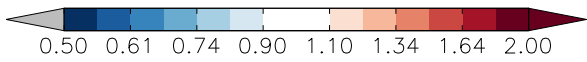
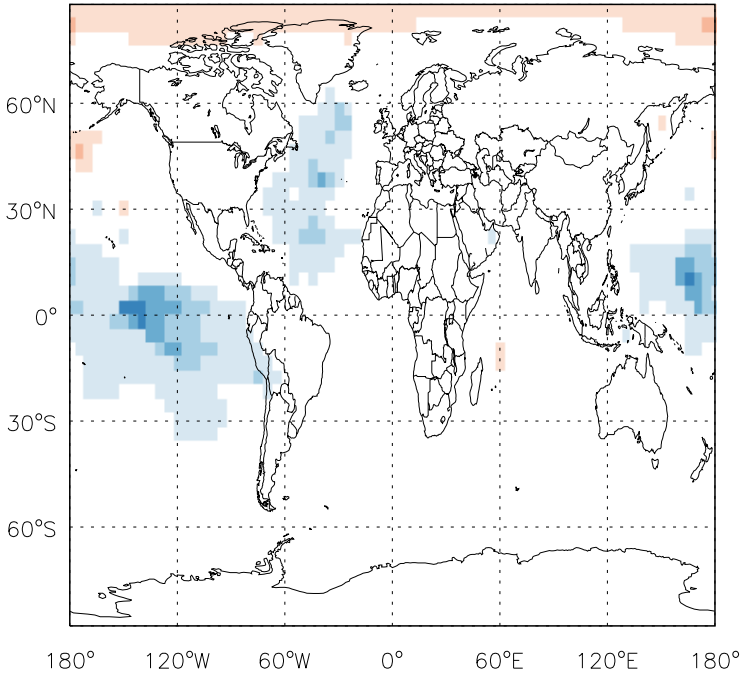
v11-01d-Run0 / v10-01-public-Run0
RCHO / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

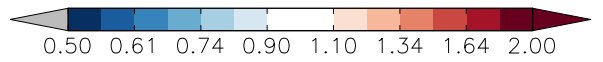
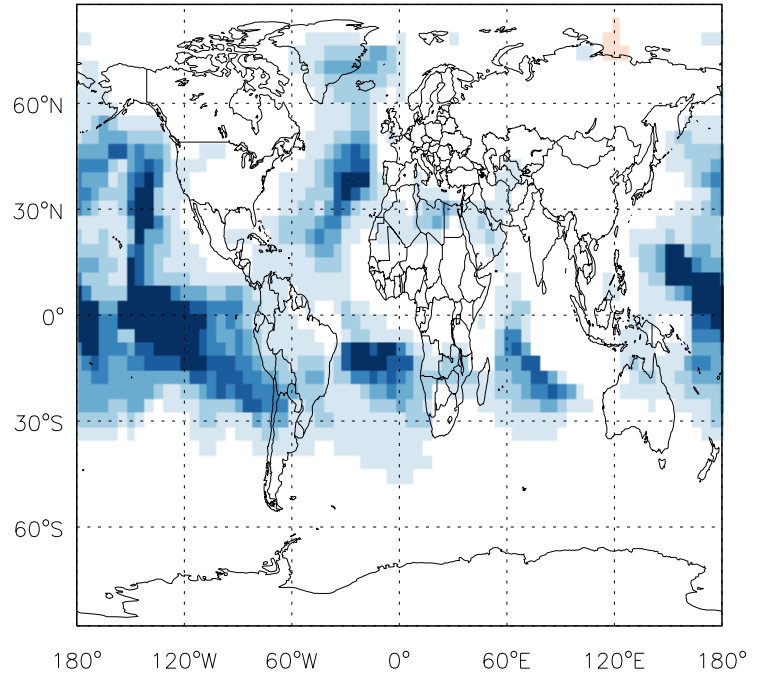
v11-01d-Run0 / v11-01b-Run0

MVK / Ratio @ Surface for Jul



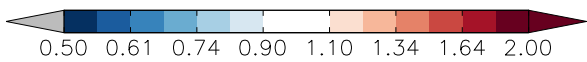
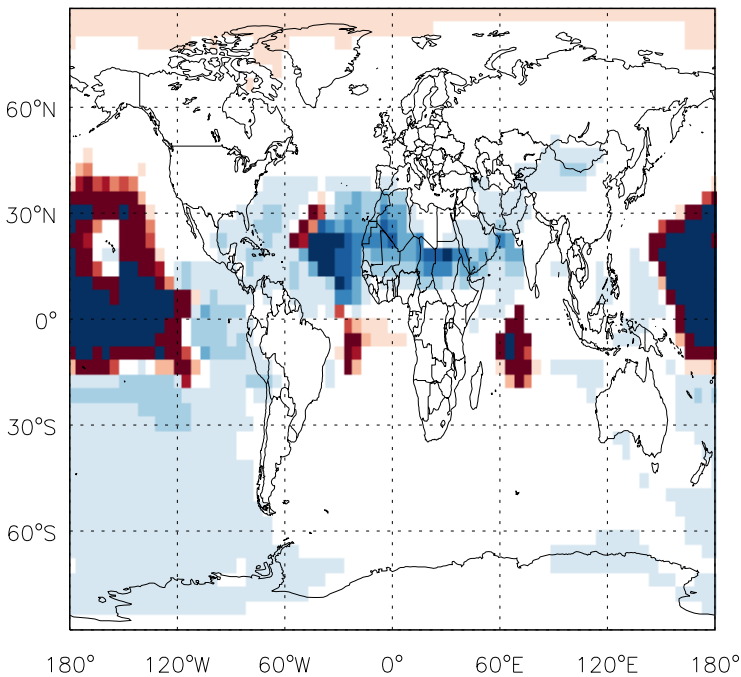
v11-01d-Run0 / v11-01b-Run0

MVK/ Ratio @ 500 hPa for Jul



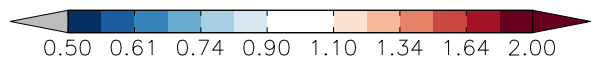
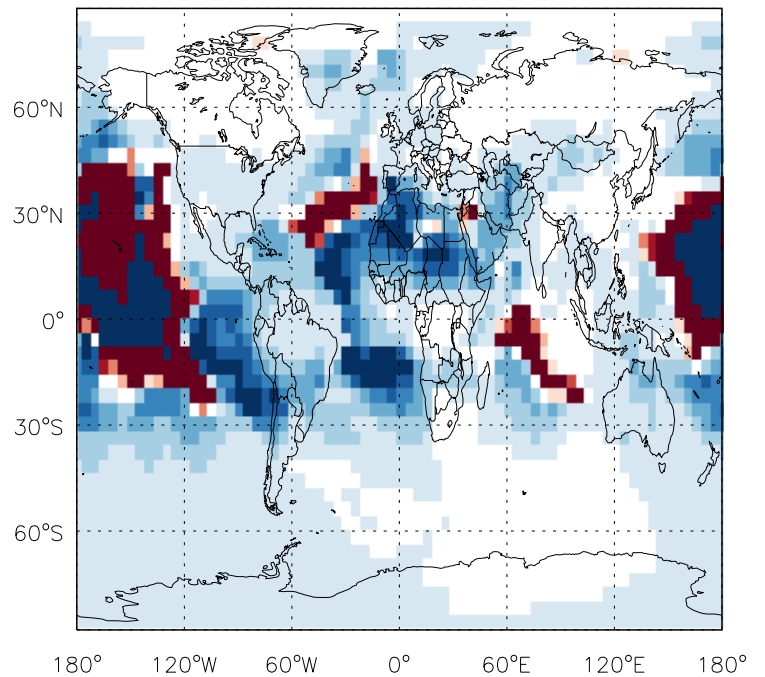
v11-01d-Run0 / v10-01-public-Run0

MVK / Ratio @ Surface for Jul



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

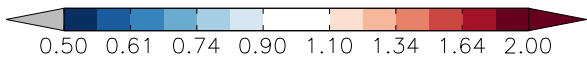
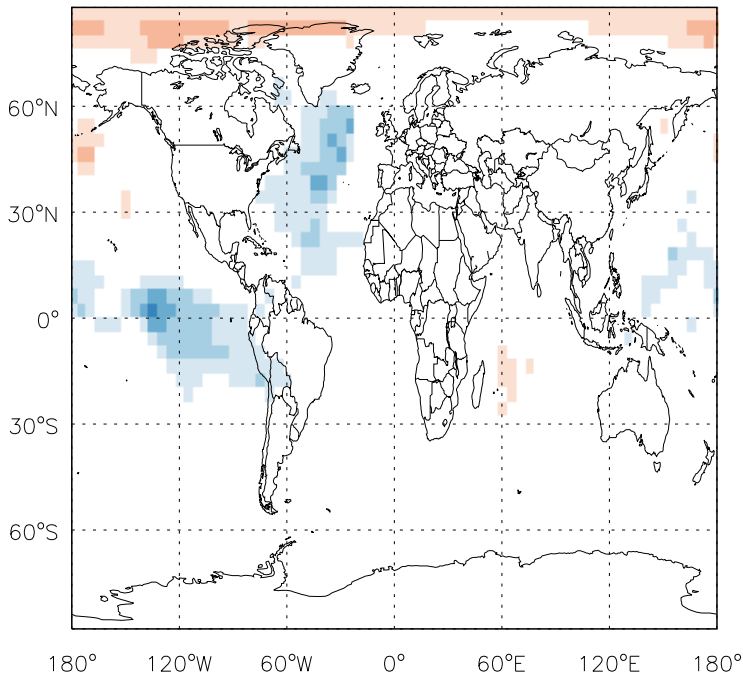
MVK/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

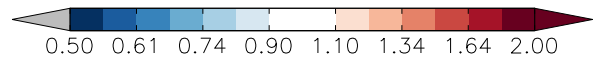
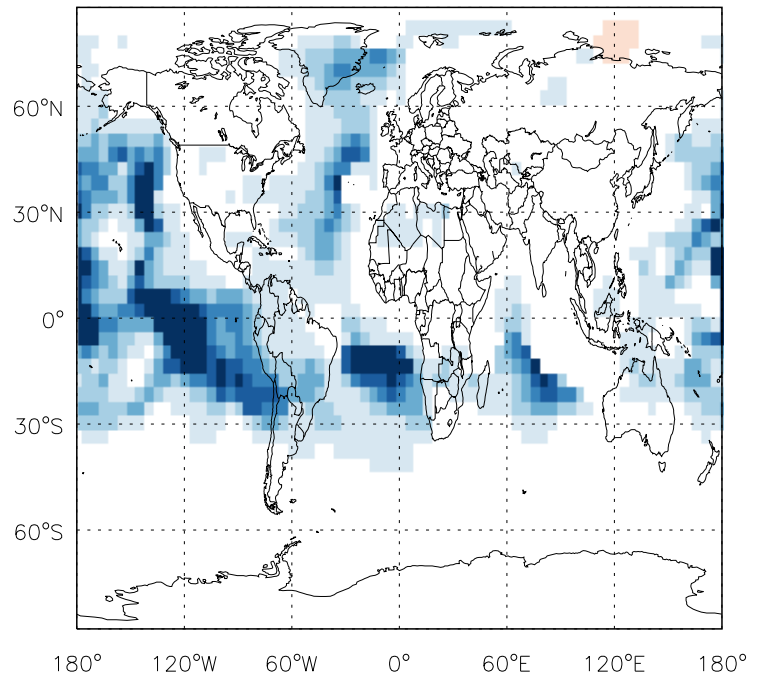
v11-01d-Run0 / v11-01b-Run0

MACR / Ratio @ Surface for Jul



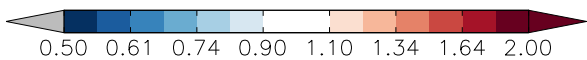
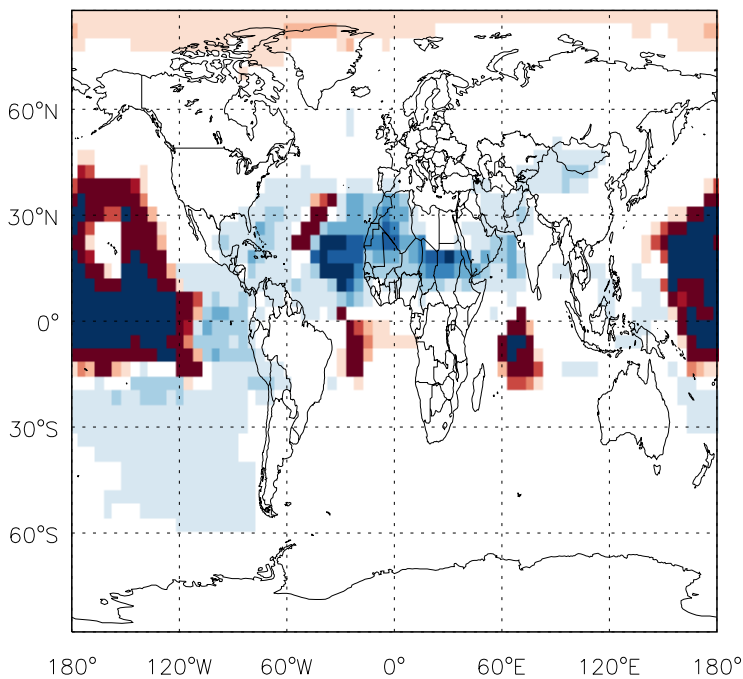
v11-01d-Run0 / v11-01b-Run0

MACR / Ratio @ 500 hPa for Jul



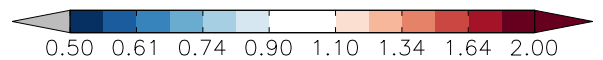
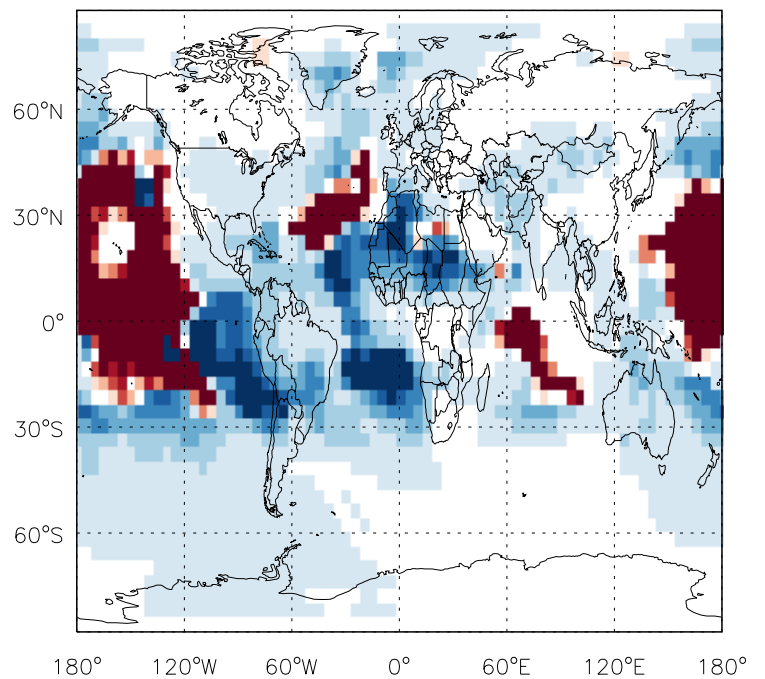
v11-01d-Run0 / v10-01-public-Run0

MACR / Ratio @ Surface for Jul



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

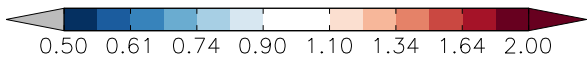
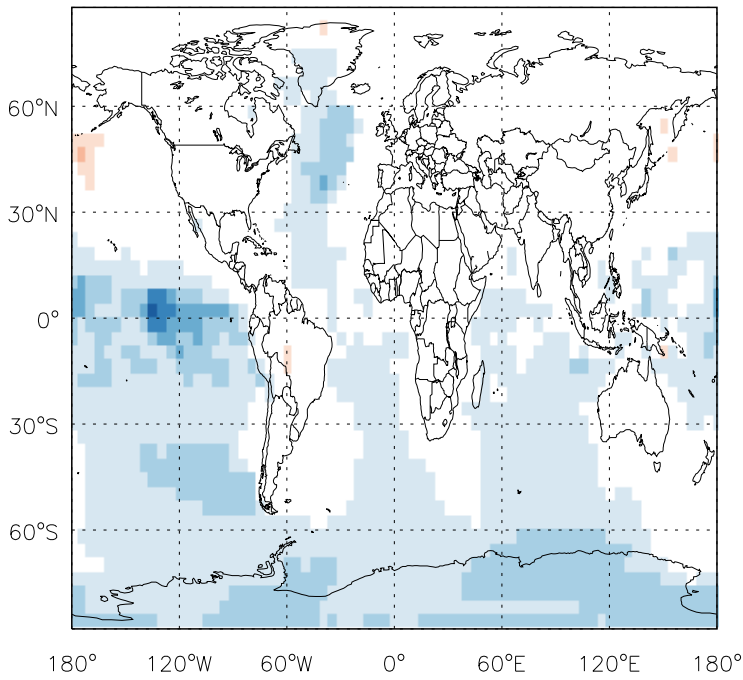
MACR / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

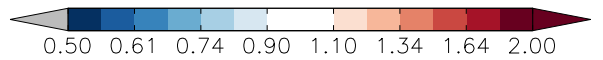
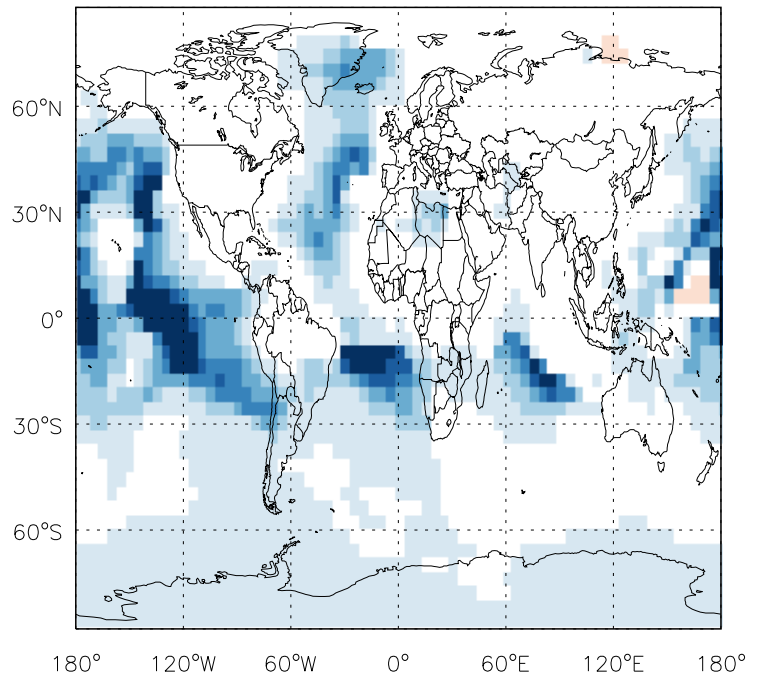
v11-01d-Run0 / v11-01b-Run0

PMN / Ratio @ Surface for Jul



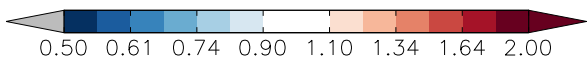
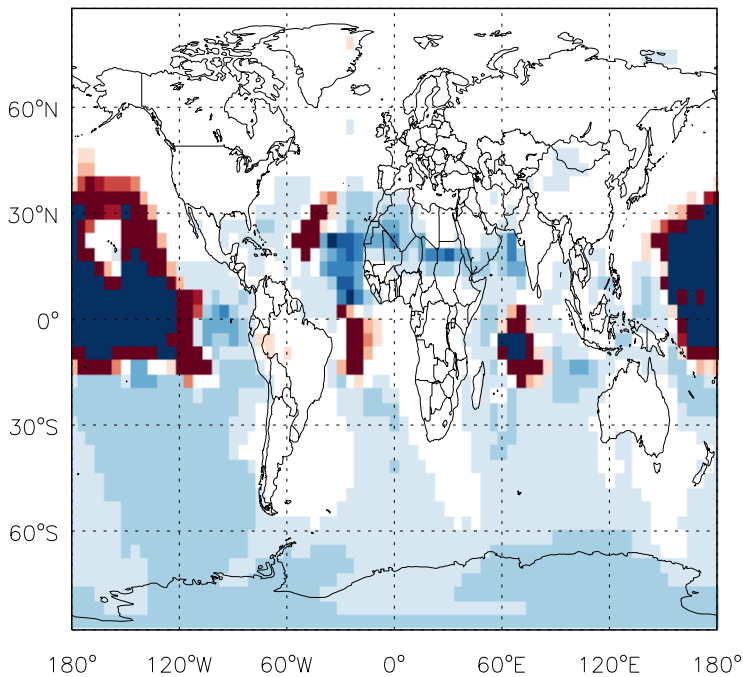
v11-01d-Run0 / v11-01b-Run0

PMN/ Ratio @ 500 hPa for Jul



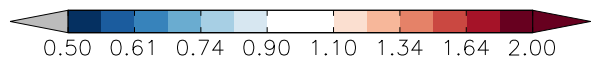
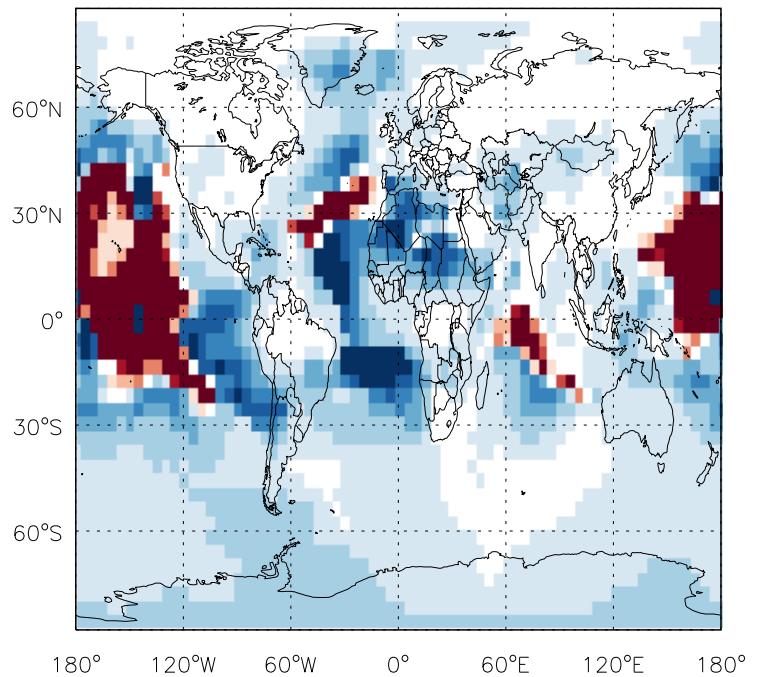
v11-01d-Run0 / v10-01-public-Run0

PMN / Ratio @ Surface for Jul



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

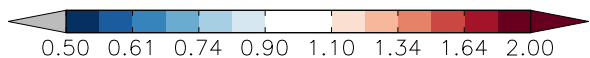
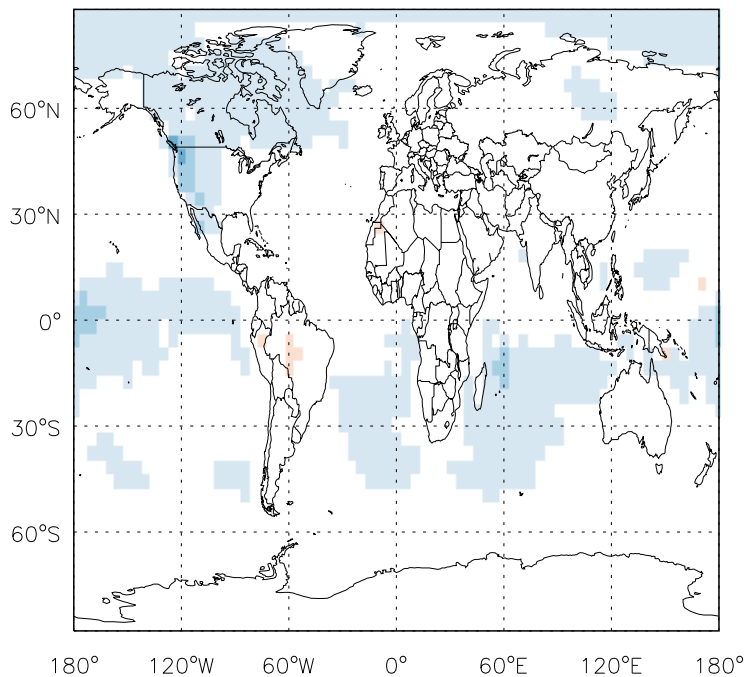
PMN/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

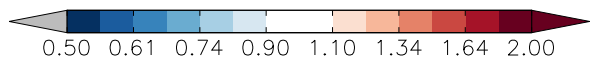
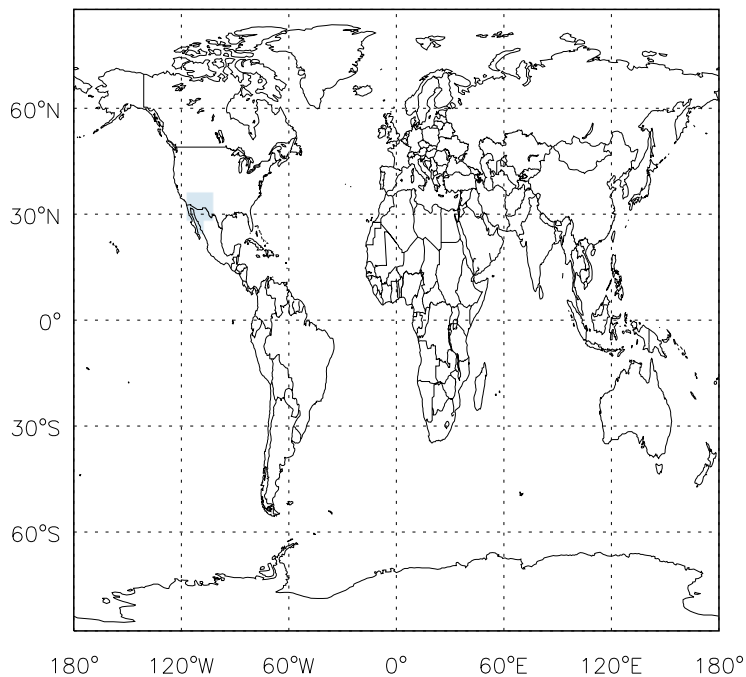
v11-01d-Run0 / v11-01b-Run0

PPN / Ratio @ Surface for Jul



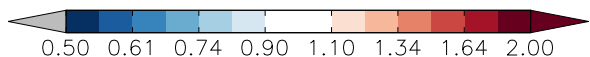
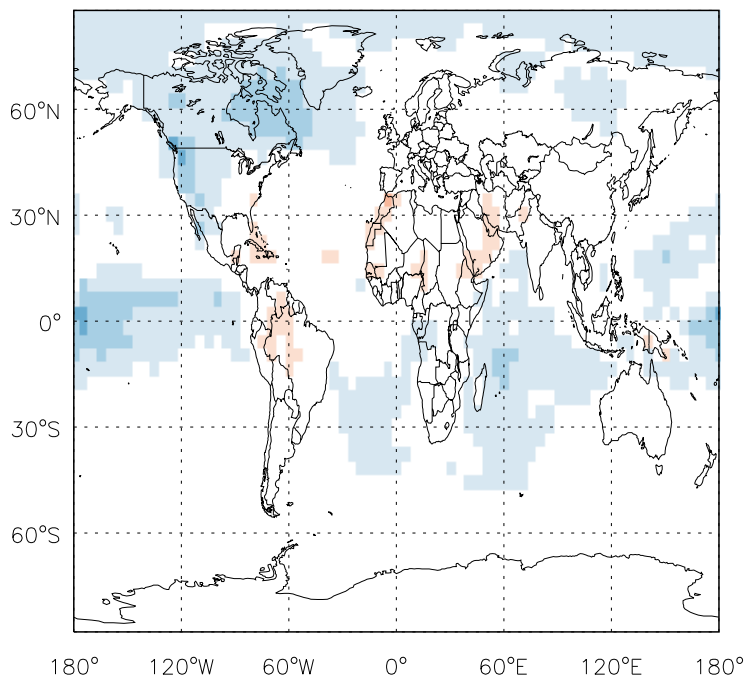
v11-01d-Run0 / v11-01b-Run0

PPN/ Ratio @ 500 hPa for Jul



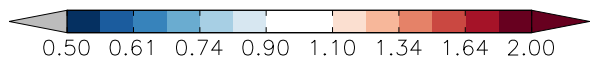
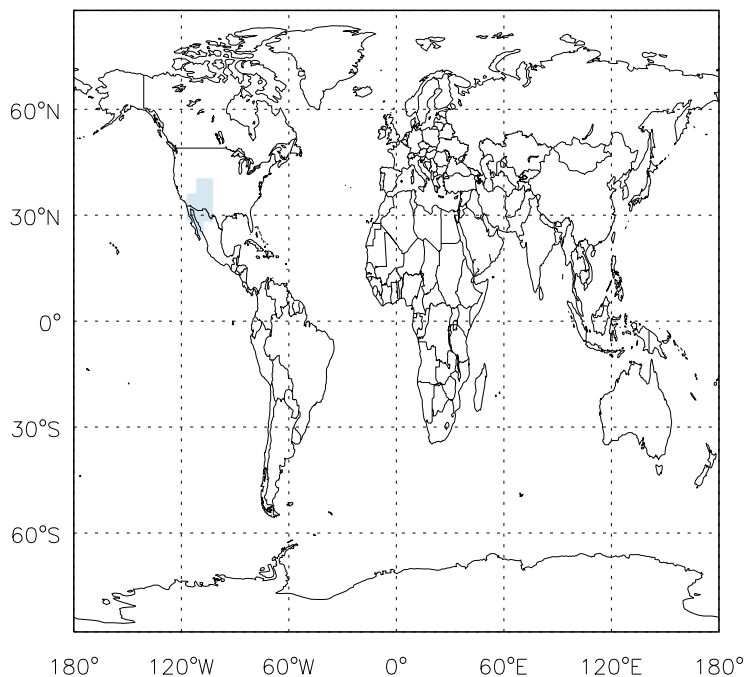
v11-01d-Run0 / v10-01-public-Run0

PPN / Ratio @ Surface for Jul



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

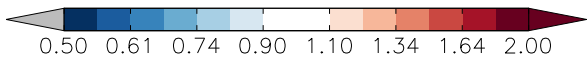
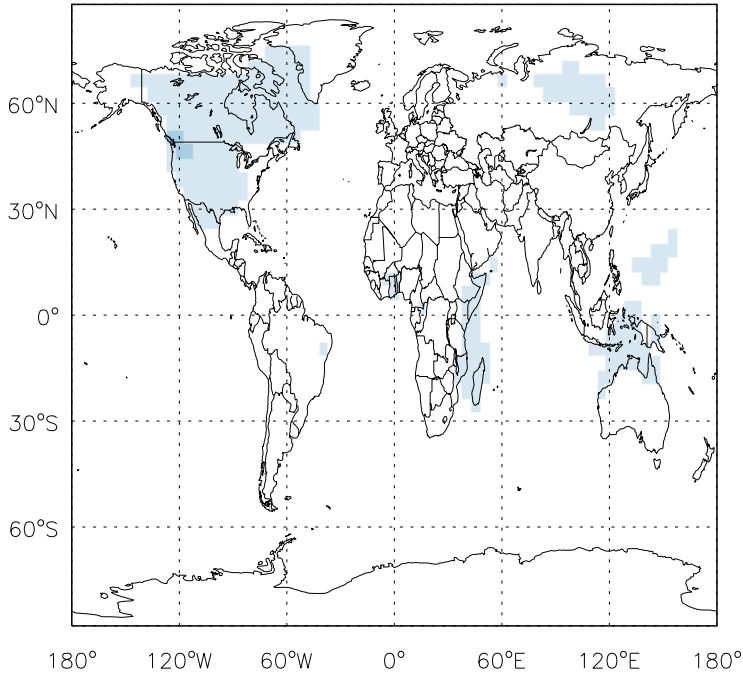
PPN/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

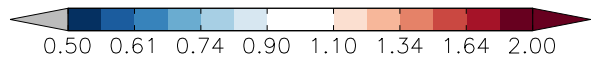
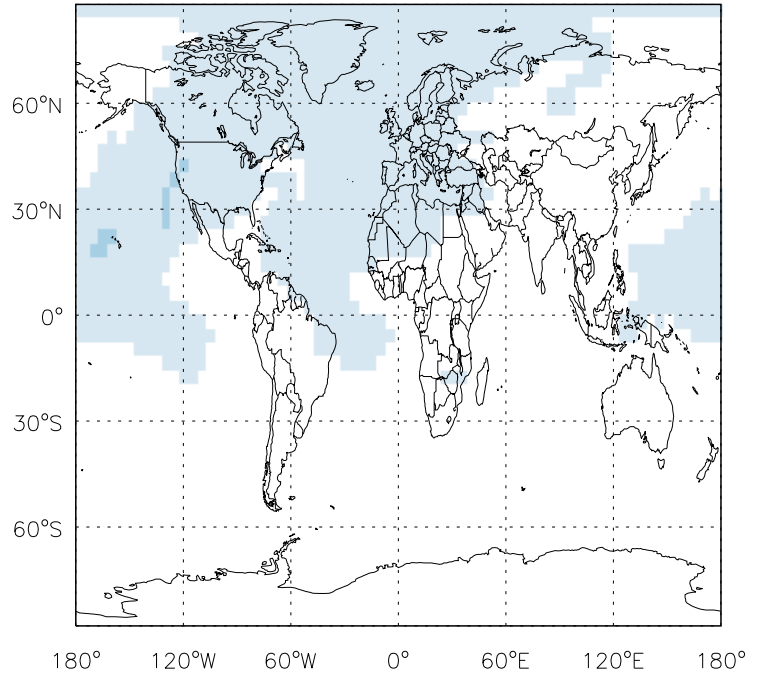
v11-01d-Run0 / v11-01b-Run0

R4N2 / Ratio @ Surface for Jul



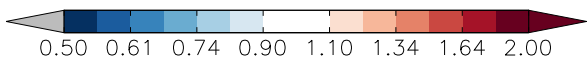
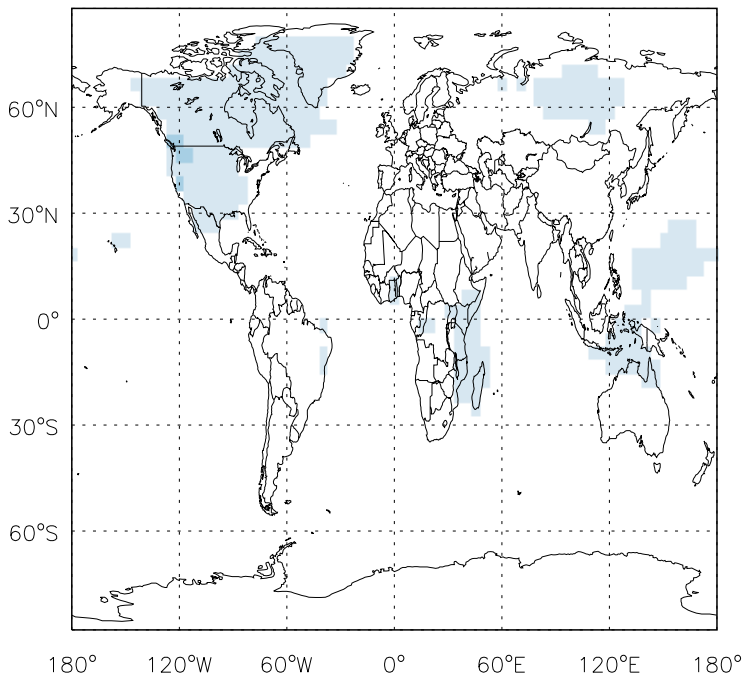
v11-01d-Run0 / v11-01b-Run0

R4N2/ Ratio @ 500 hPa for Jul



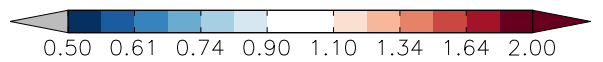
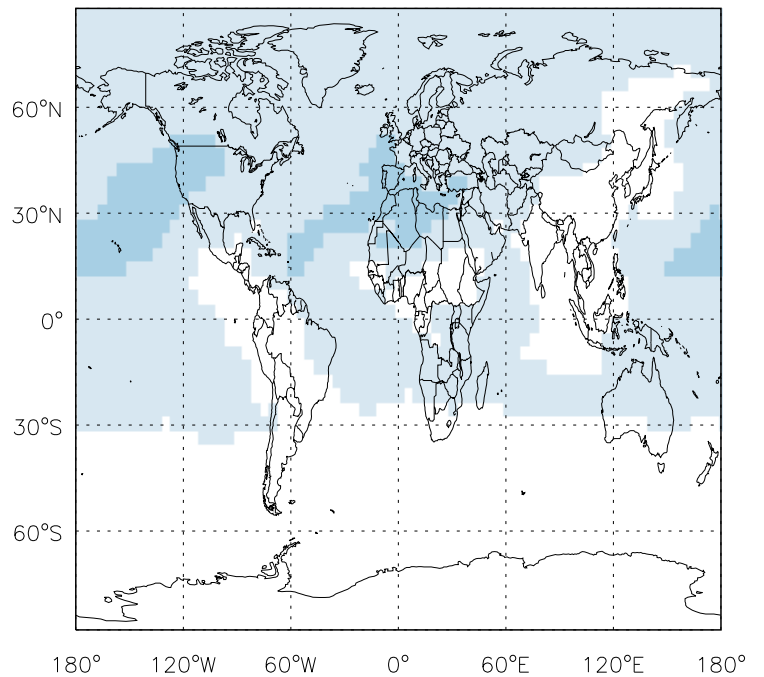
v11-01d-Run0 / v10-01-public-Run0

R4N2 / Ratio @ Surface for Jul



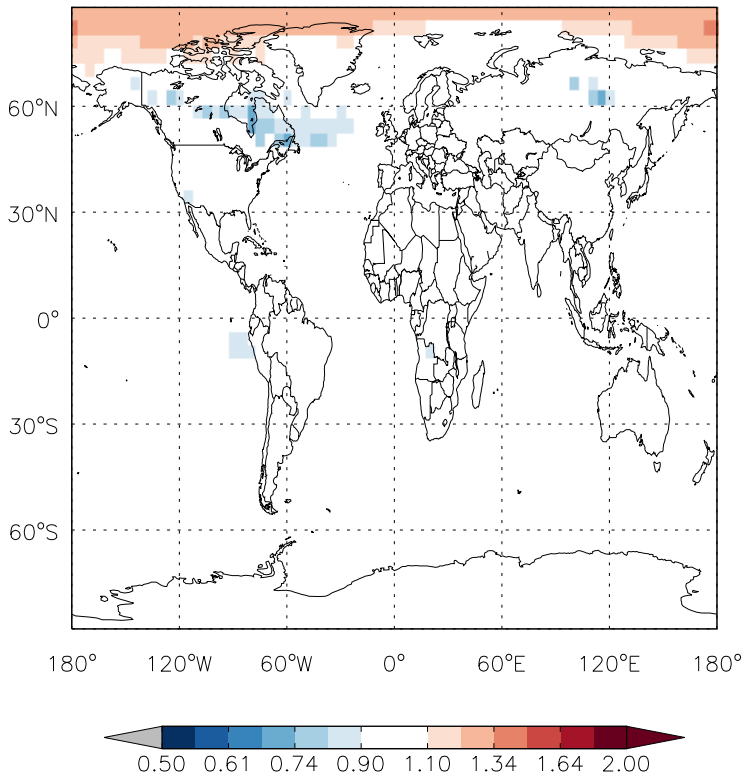
v11-01d-Run0 / v10-01-public-Run0

R4N2/ Ratio @ 500 hPa for Jul

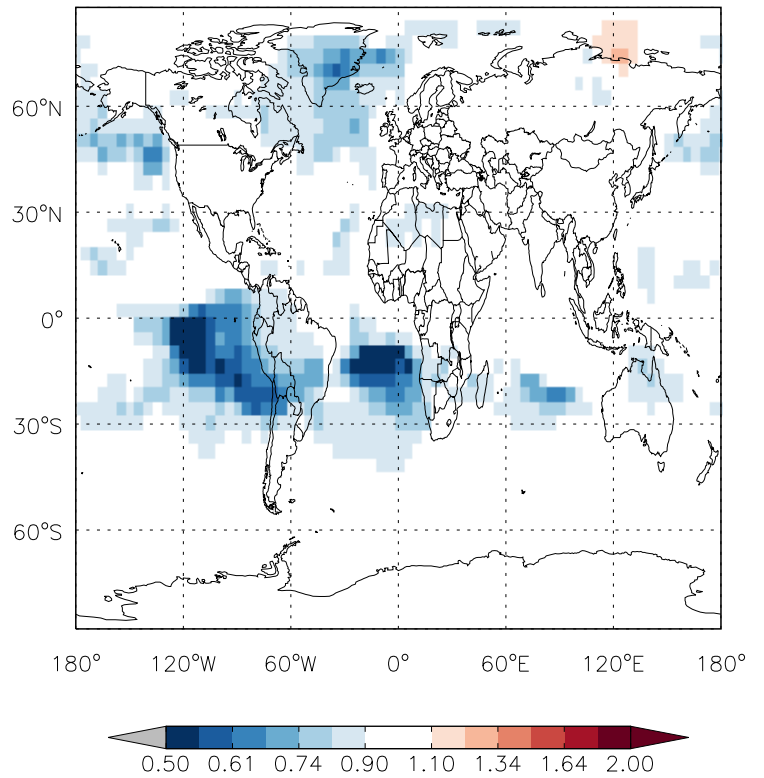


GEOS-Chem Ratio Maps at surface and 500 hPa

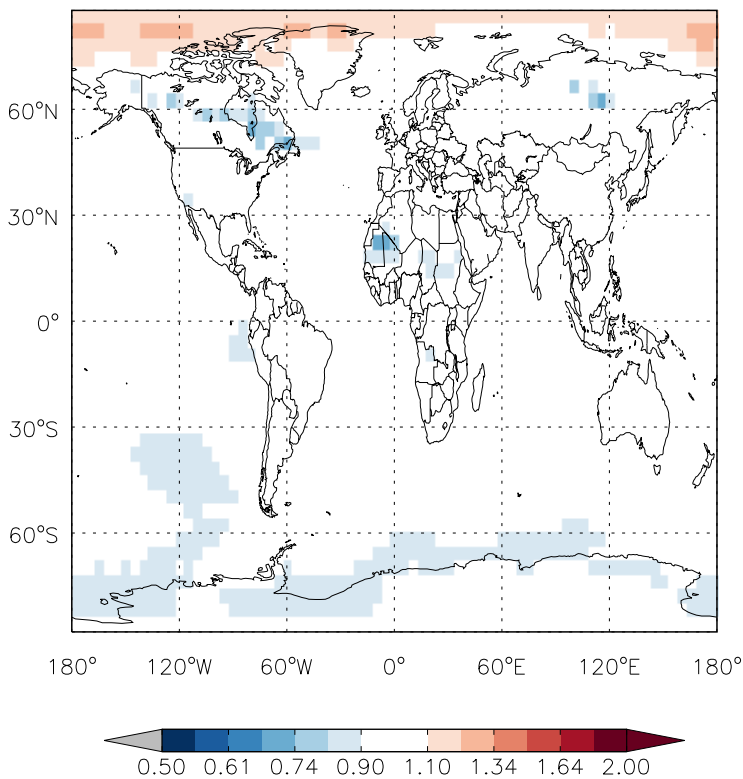
v11-01d-Run0 / v11-01b-Run0
PRPE / Ratio @ Surface for Jul



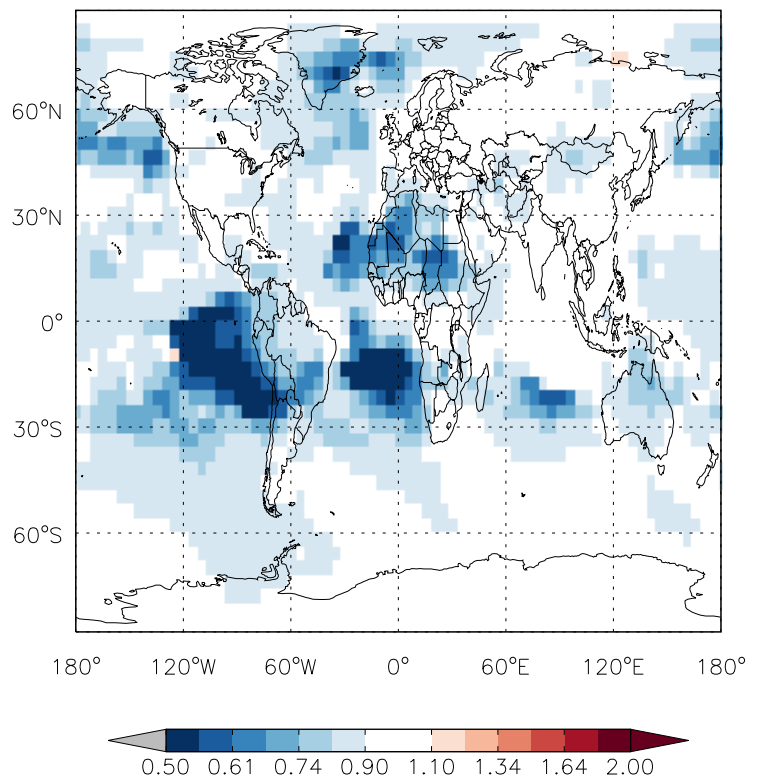
v11-01d-Run0 / v11-01b-Run0
PRPE/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
PRPE / Ratio @ Surface for Jul

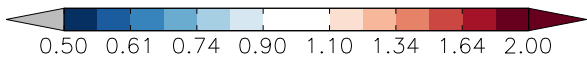
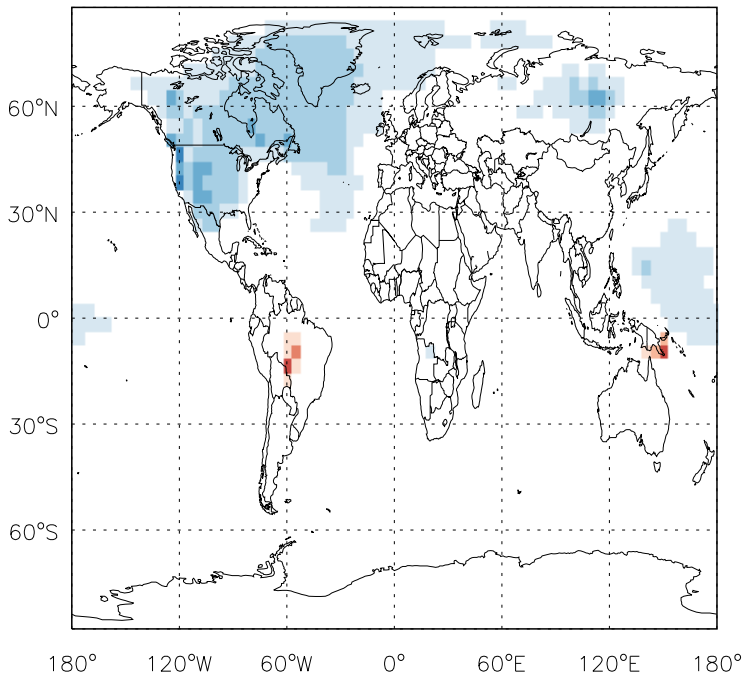


v11-01d-Run0 / v10-01-public-Run0
PRPE/ Ratio @ 500 hPa for Jul

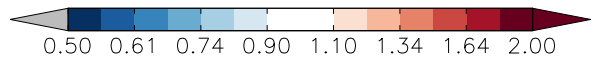
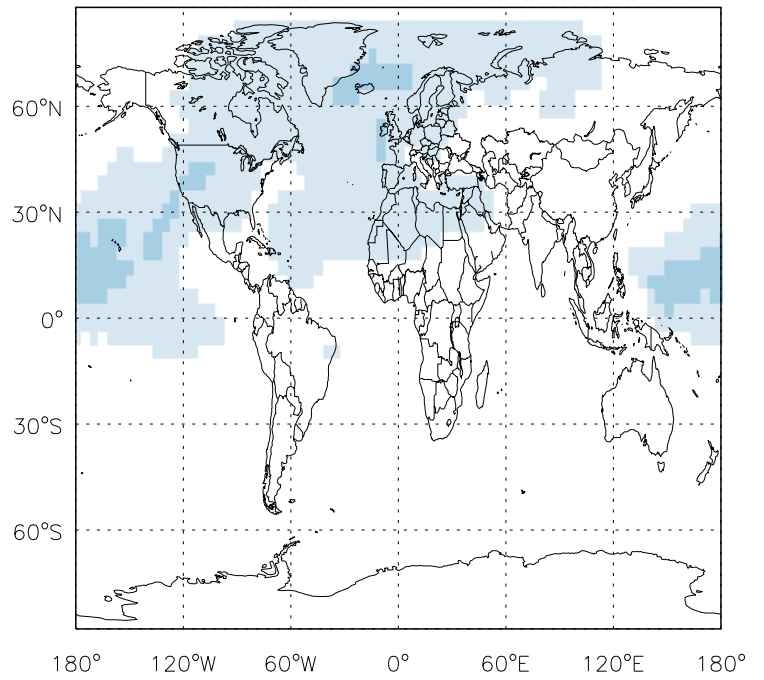


GEOS-Chem Ratio Maps at surface and 500 hPa

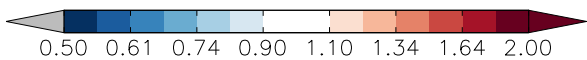
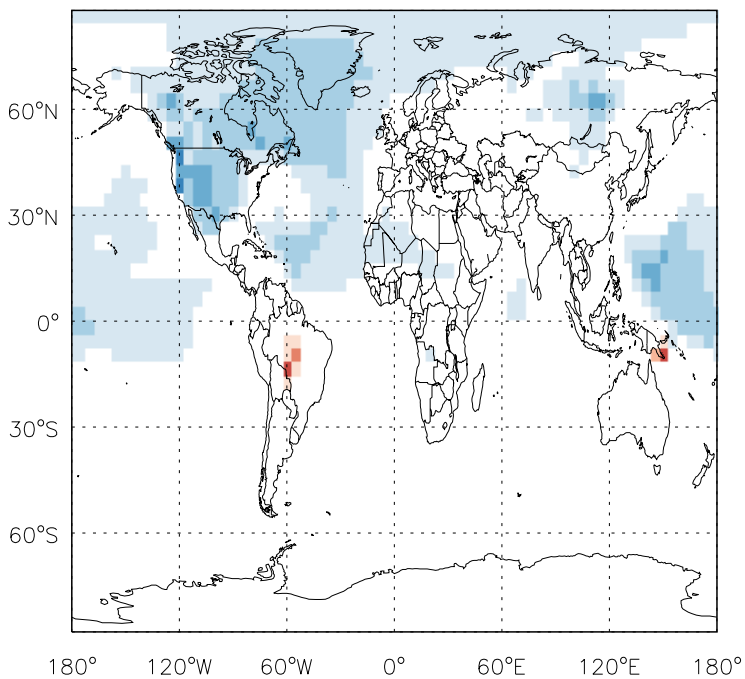
v11-01d-Run0 / v11-01b-Run0
C3H8 / Ratio @ Surface for Jul



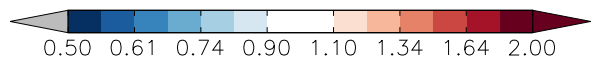
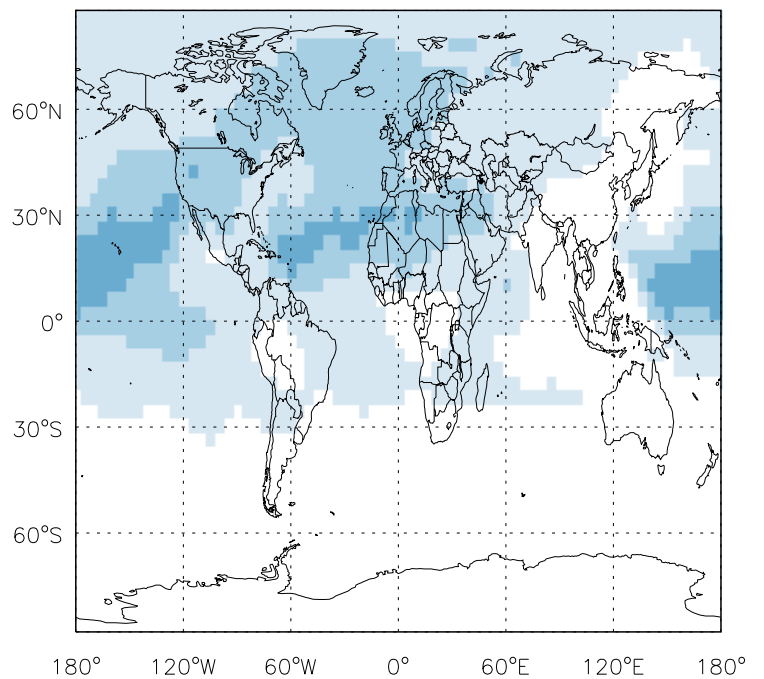
v11-01d-Run0 / v11-01b-Run0
C3H8/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
C3H8 / Ratio @ Surface for Jul



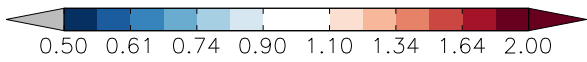
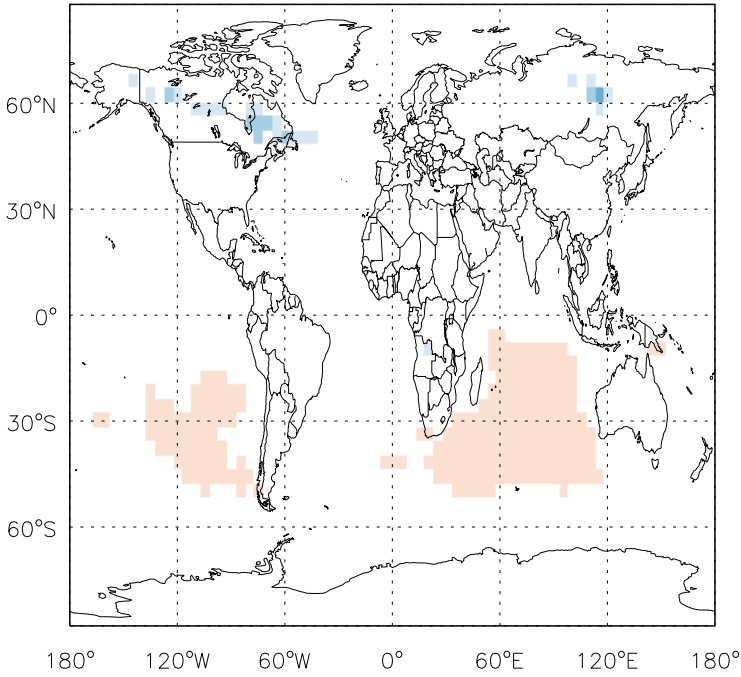
v11-01d-Run0 / v10-01-public-Run0
C3H8/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

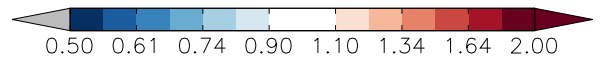
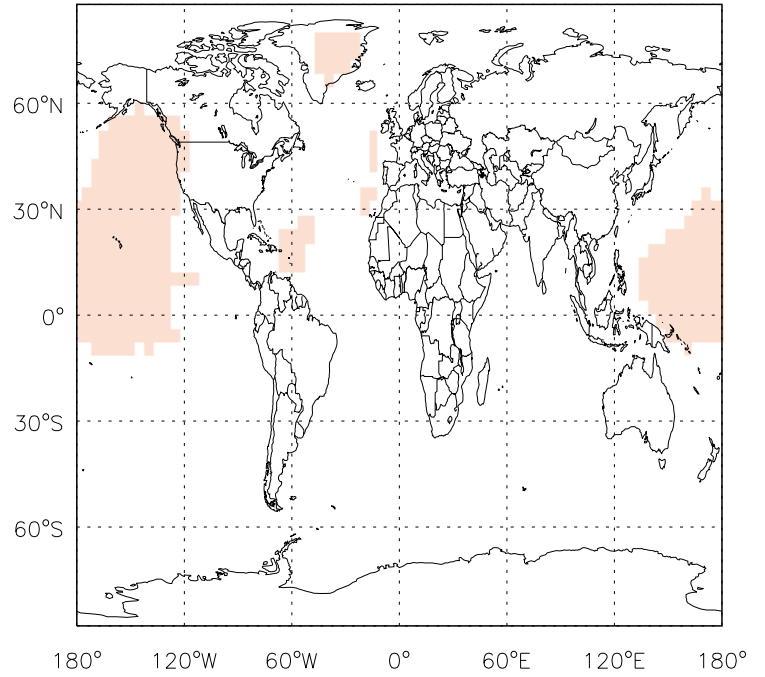
v11-01d-Run0 / v11-01b-Run0

CH2O / Ratio @ Surface for Jul



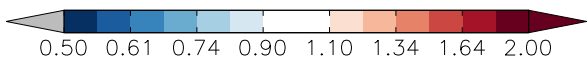
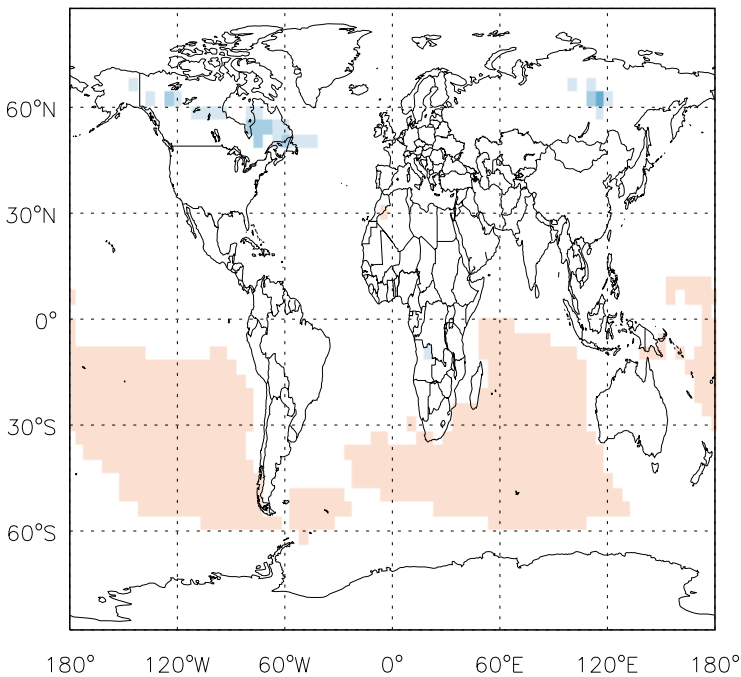
v11-01d-Run0 / v11-01b-Run0

CH2O / Ratio @ 500 hPa for Jul



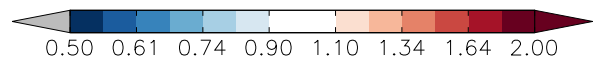
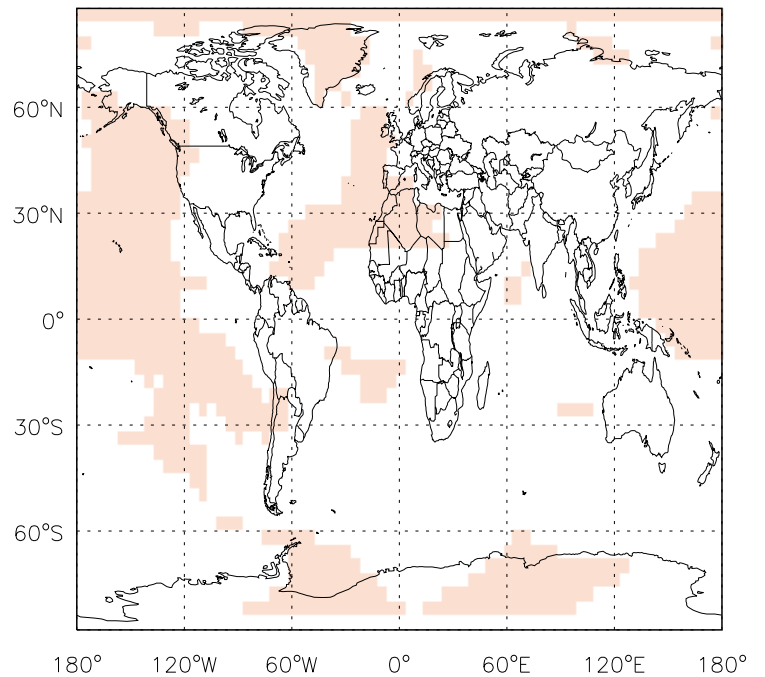
v11-01d-Run0 / v10-01-public-Run0

CH2O / Ratio @ Surface for Jul



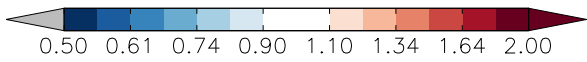
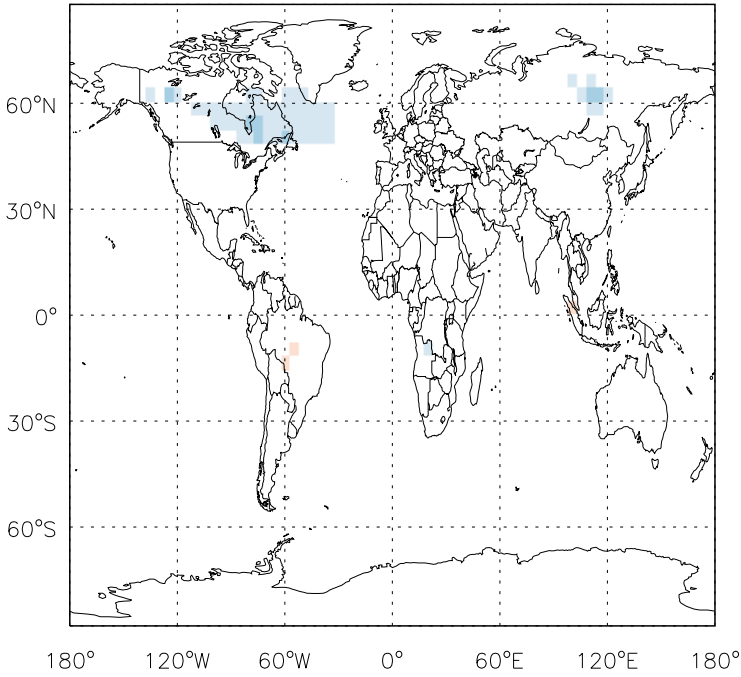
v11-01d-Run0 / v10-01-public-Run0

CH2O / Ratio @ 500 hPa for Jul

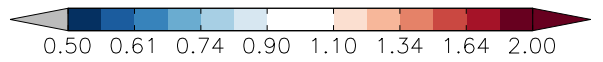
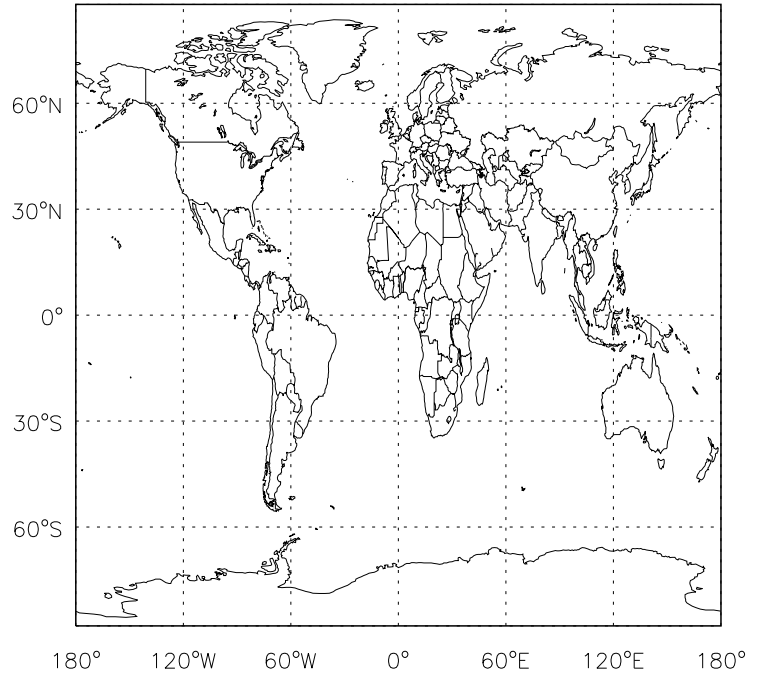


GEOS-Chem Ratio Maps at surface and 500 hPa

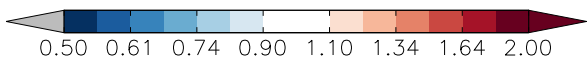
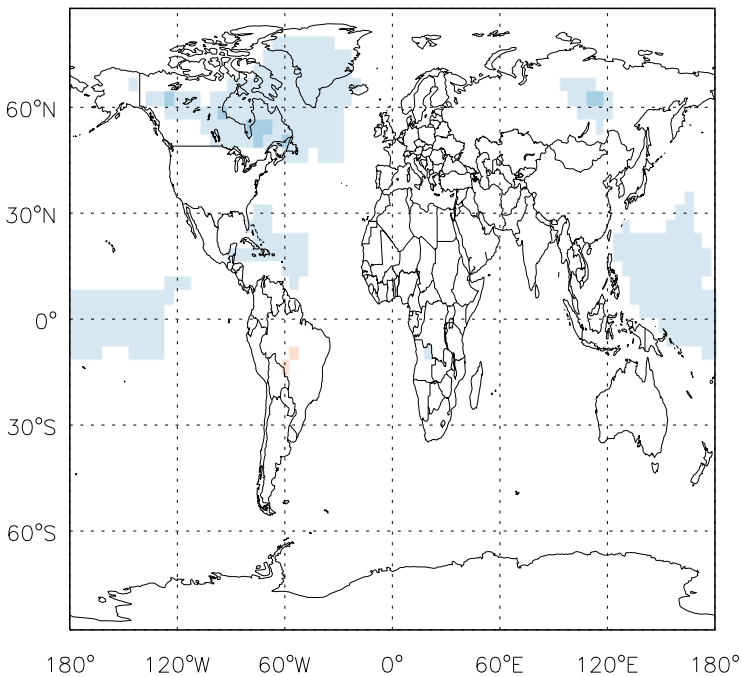
v11-01d-Run0 / v11-01b-Run0
C2H6 / Ratio @ Surface for Jul



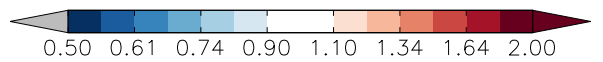
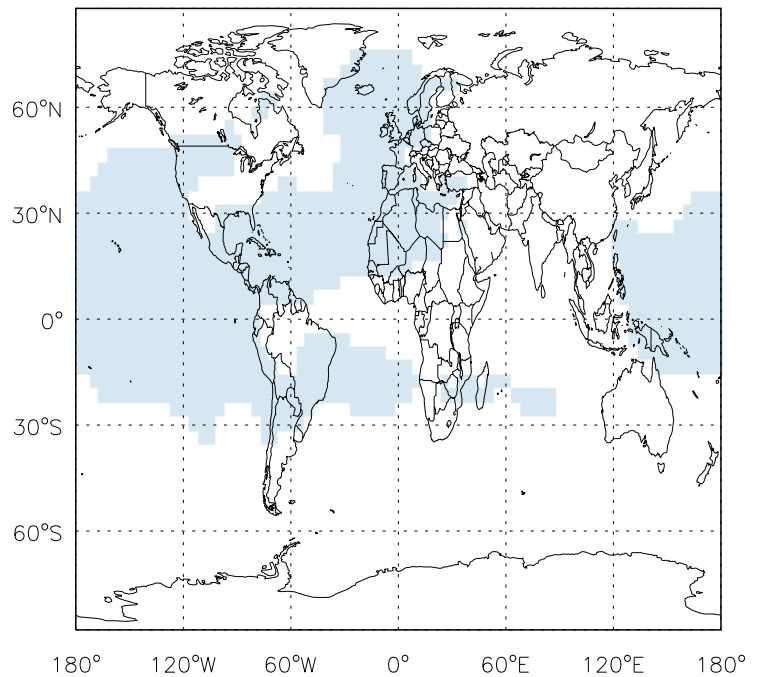
v11-01d-Run0 / v11-01b-Run0
C2H6/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
C2H6 / Ratio @ Surface for Jul

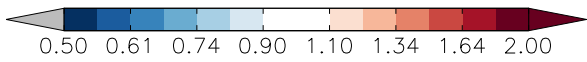
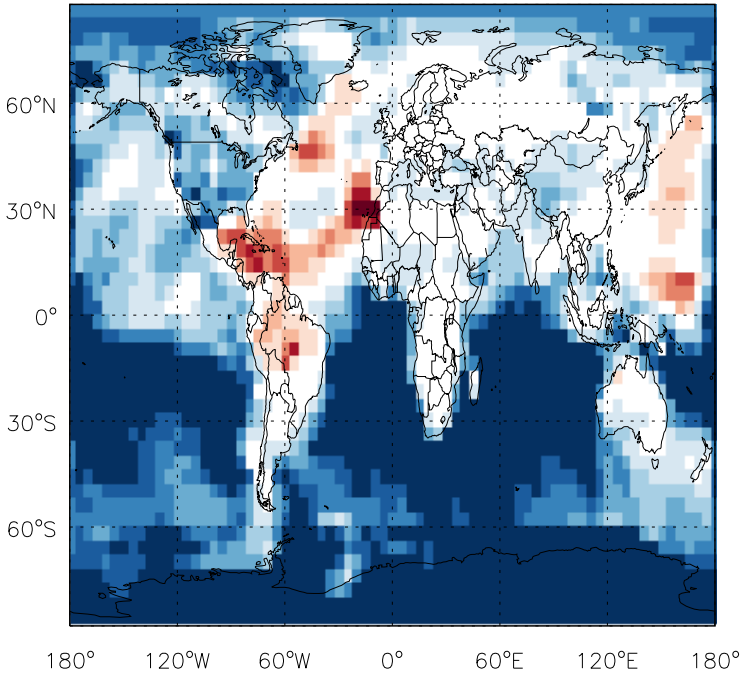


v11-01d-Run0 / v10-01-public-Run0
C2H6/ Ratio @ 500 hPa for Jul

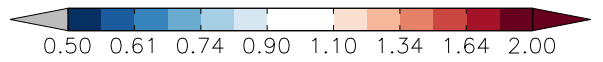
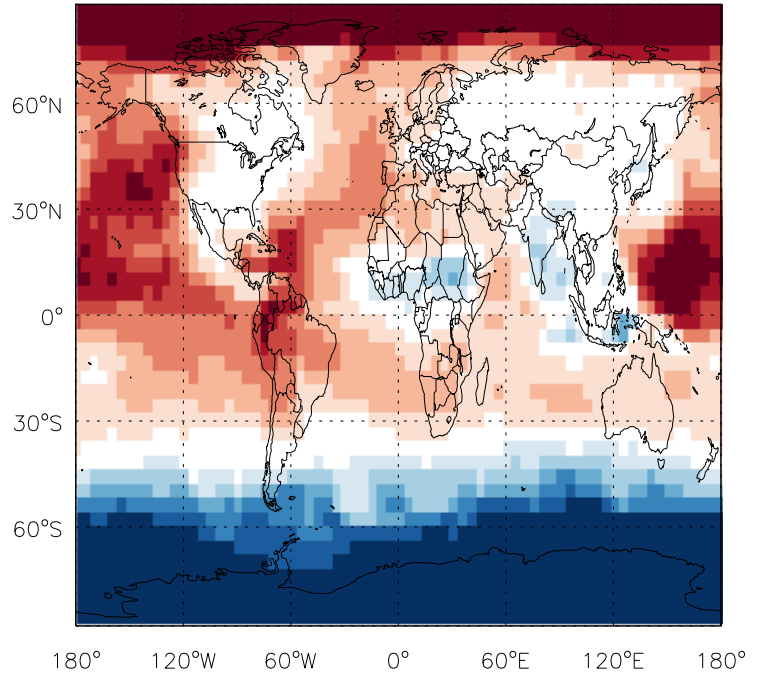


GEOS-Chem Ratio Maps at surface and 500 hPa

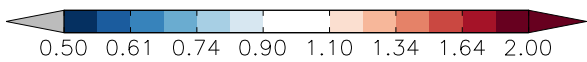
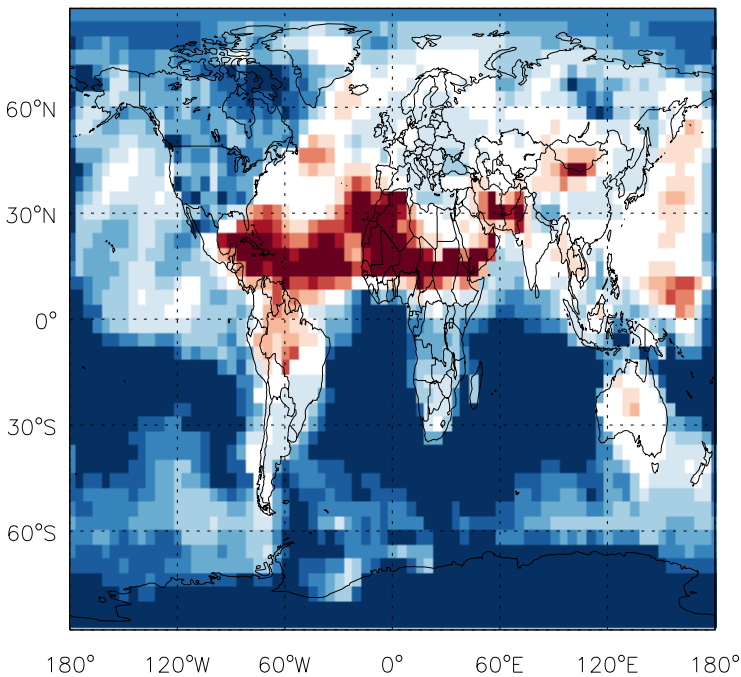
v11-01d-Run0 / v11-01b-Run0
N2O5 / Ratio @ Surface for Jul



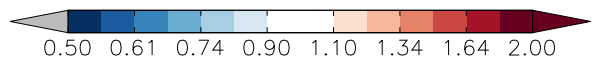
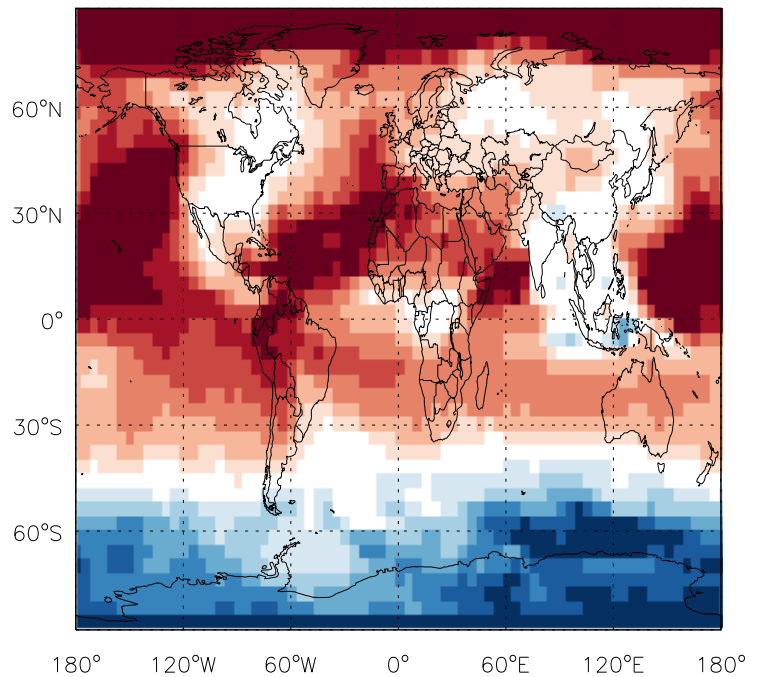
v11-01d-Run0 / v11-01b-Run0
N2O5 / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
N2O5 / Ratio @ Surface for Jul

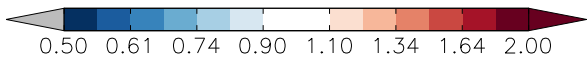
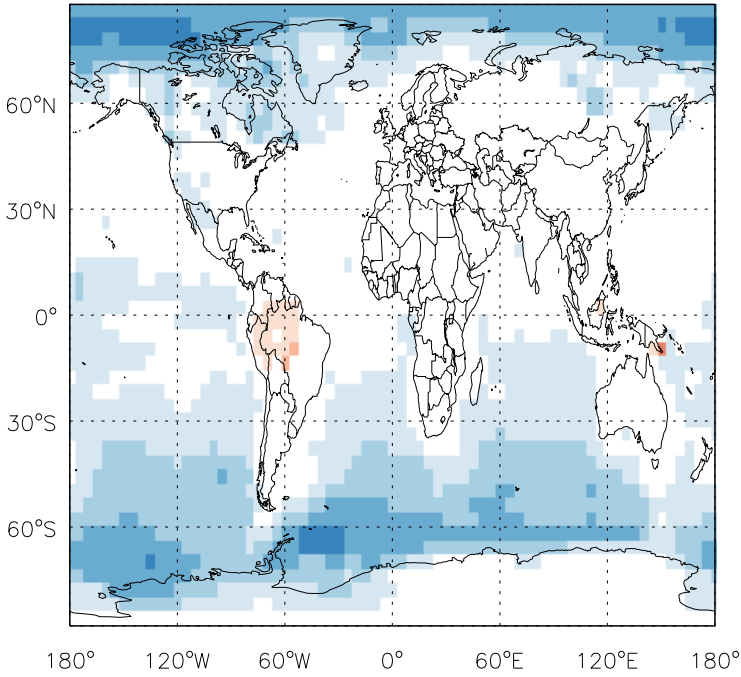


v11-01d-Run0 / v10-01-public-Run0
N2O5 / Ratio @ 500 hPa for Jul

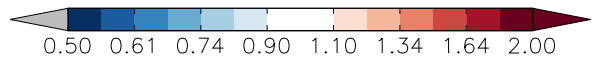
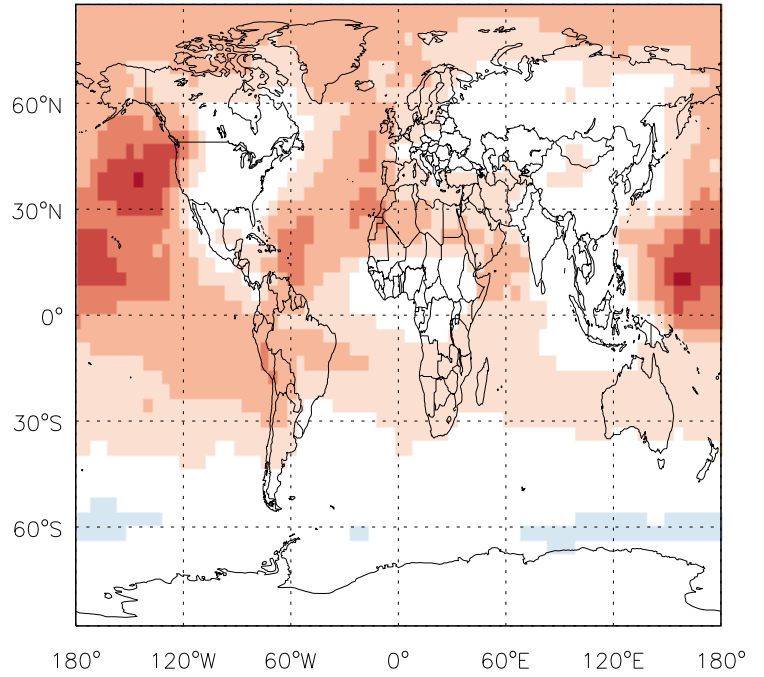


GEOS-Chem Ratio Maps at surface and 500 hPa

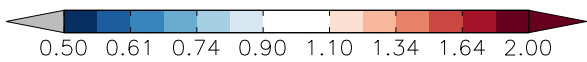
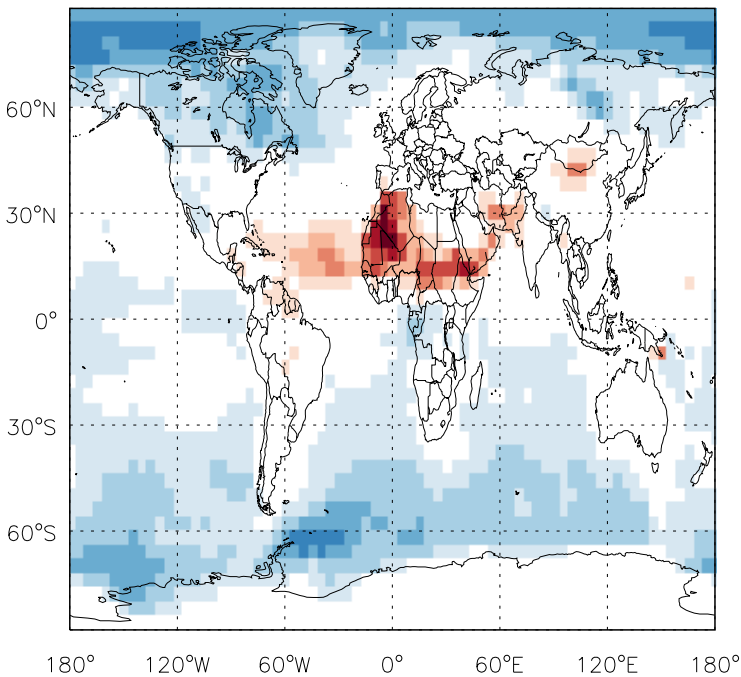
v11-01d-Run0 / v11-01b-Run0
HN04 / Ratio @ Surface for Jul



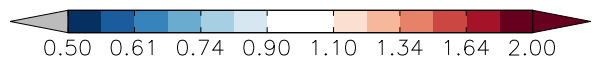
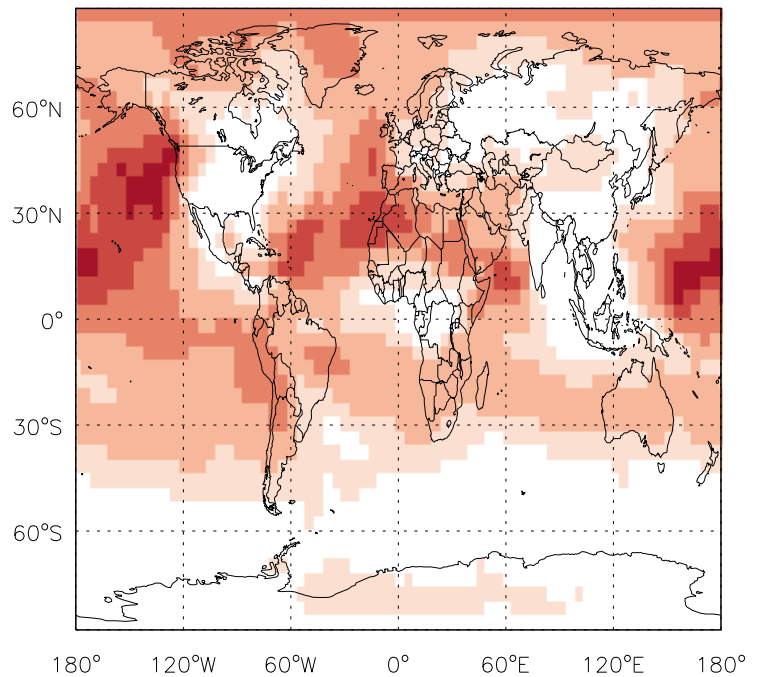
v11-01d-Run0 / v11-01b-Run0
HN04/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
HN04 / Ratio @ Surface for Jul



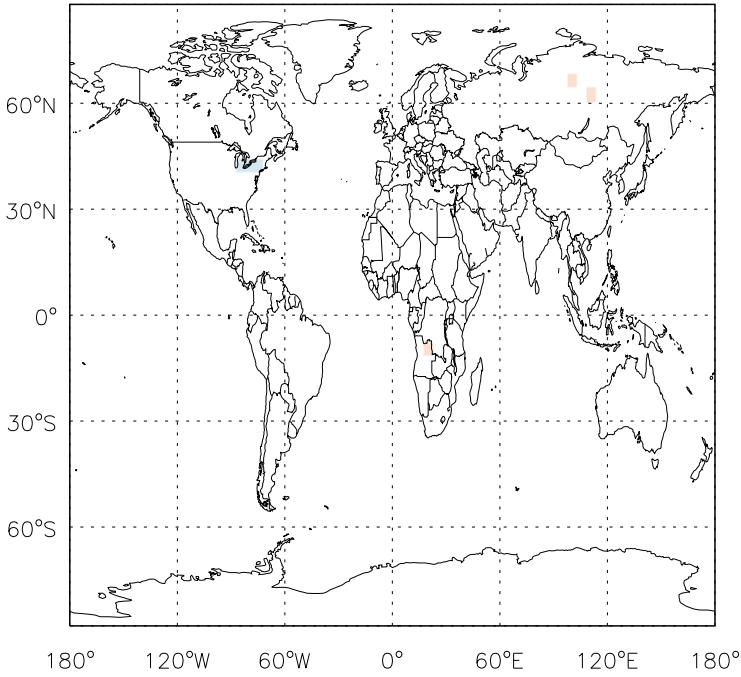
v11-01d-Run0 / v10-01-public-Run0
HN04/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

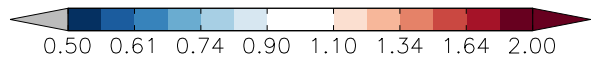
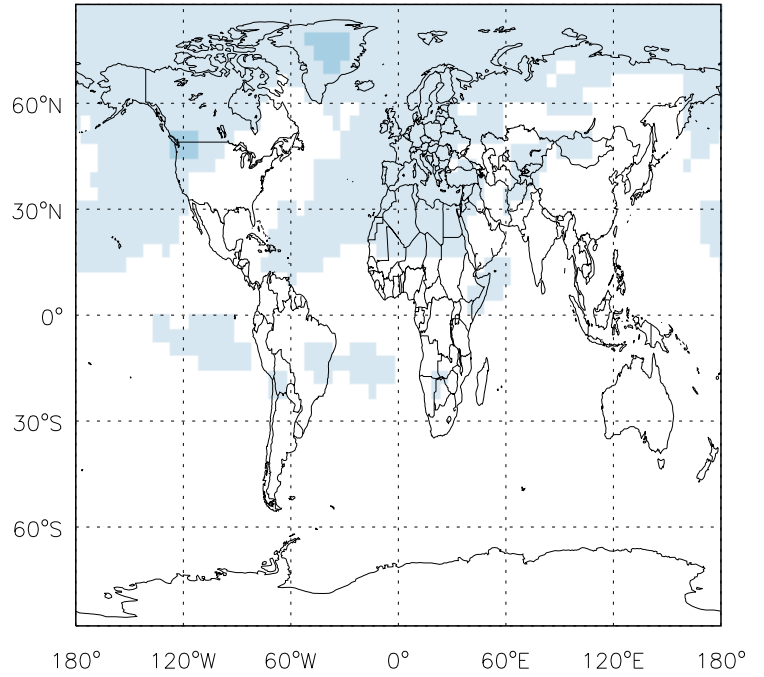
v11-01d-Run0 / v11-01b-Run0

MP / Ratio @ Surface for Jul



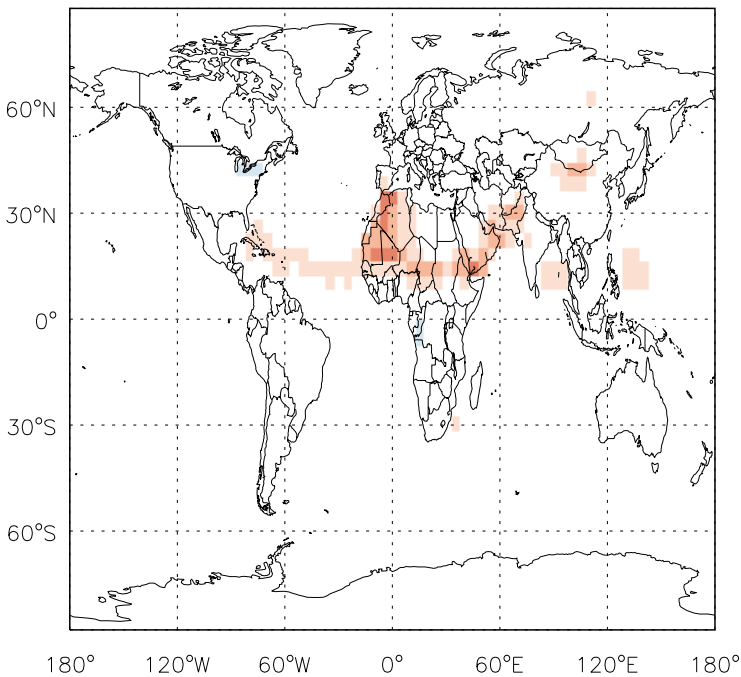
v11-01d-Run0 / v11-01b-Run0

MP / Ratio @ 500 hPa for Jul



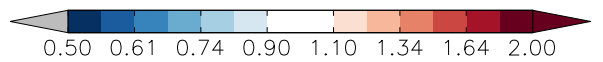
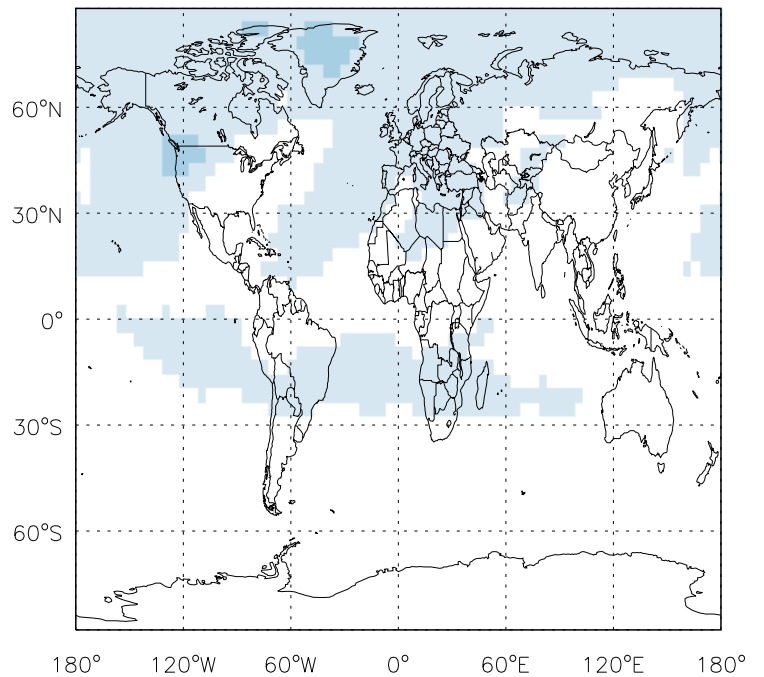
v11-01d-Run0 / v10-01-public-Run0

MP / Ratio @ Surface for Jul



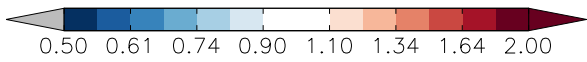
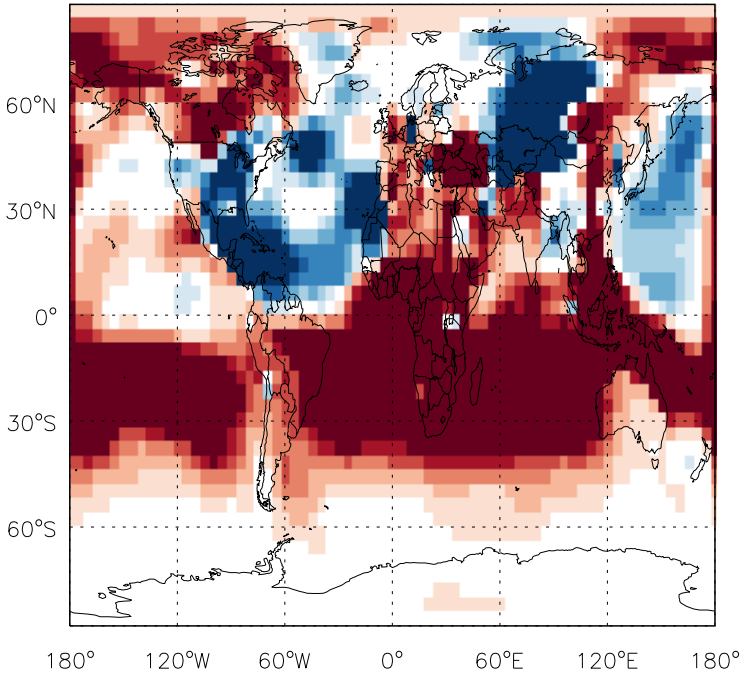
v11-01d-Run0 / v10-01-public-Run0

MP / Ratio @ 500 hPa for Jul

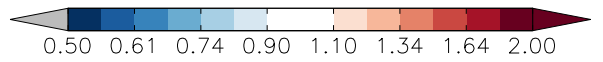
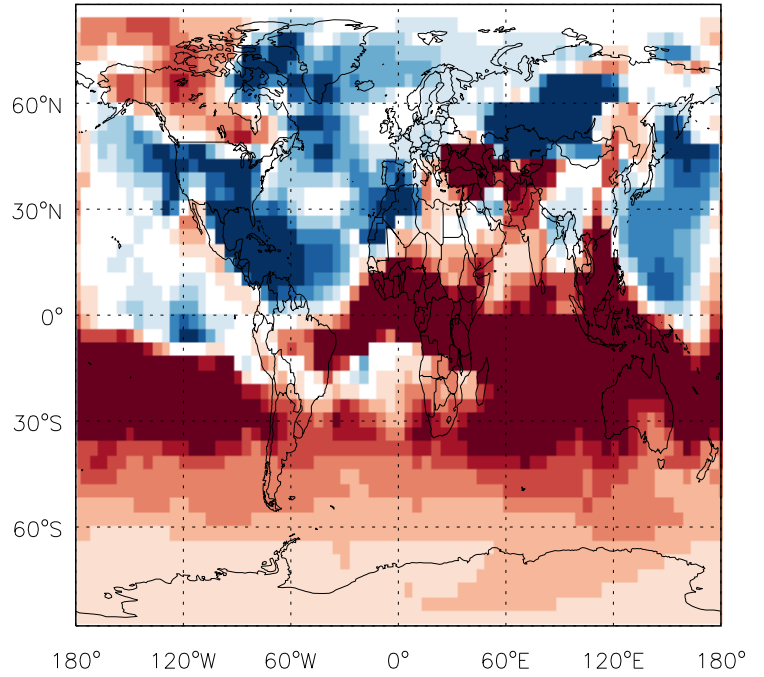


GEOS-Chem Ratio Maps at surface and 500 hPa

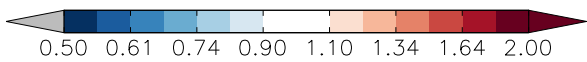
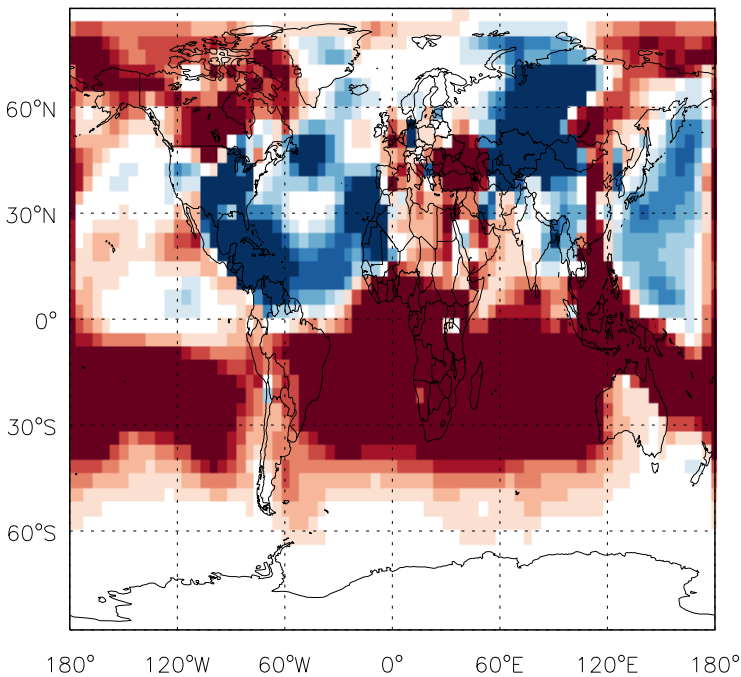
v11-01d-Run0 / v11-01b-Run0
DMS / Ratio @ Surface for Jul



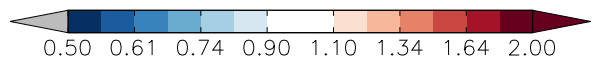
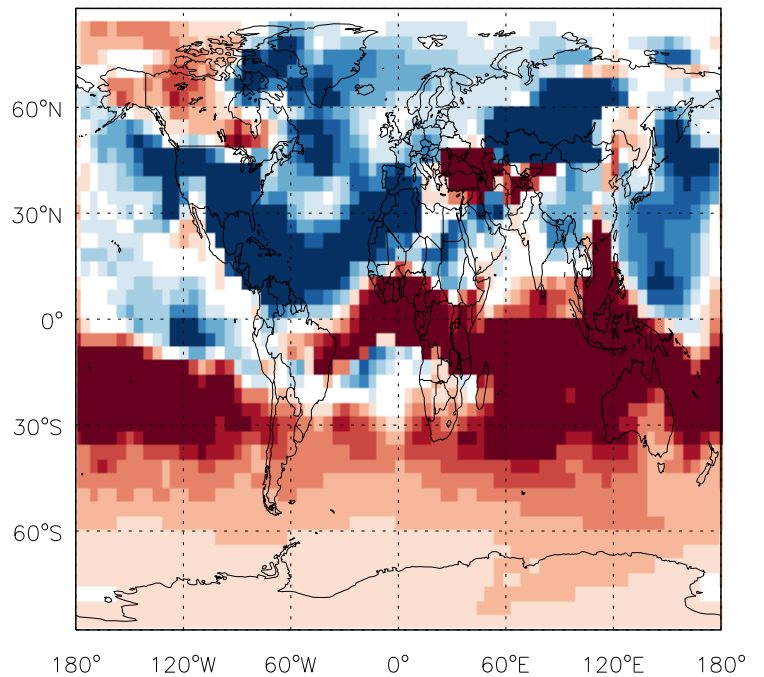
v11-01d-Run0 / v11-01b-Run0
DMS/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
DMS / Ratio @ Surface for Jul



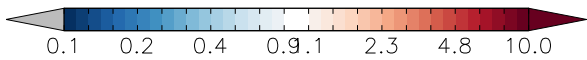
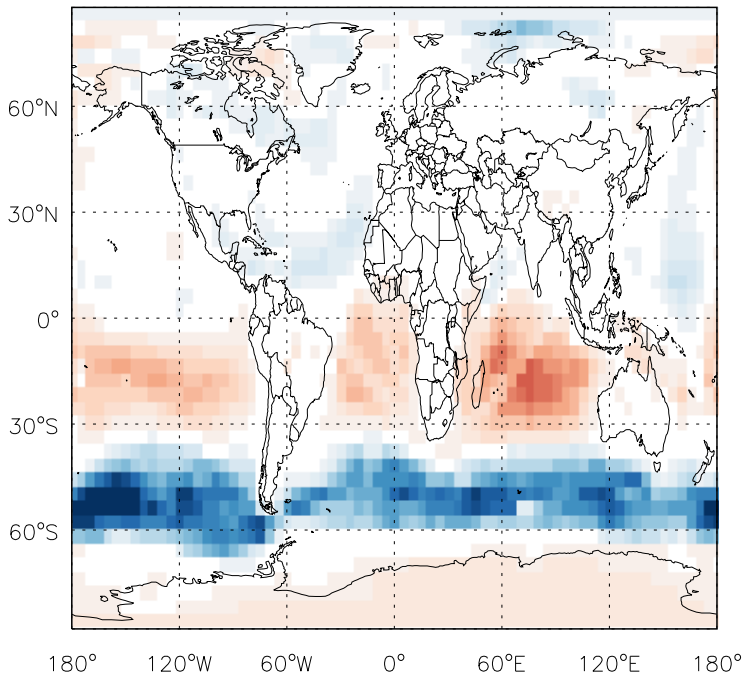
v11-01d-Run0 / v10-01-public-Run0
DMS/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

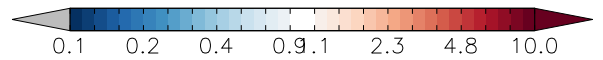
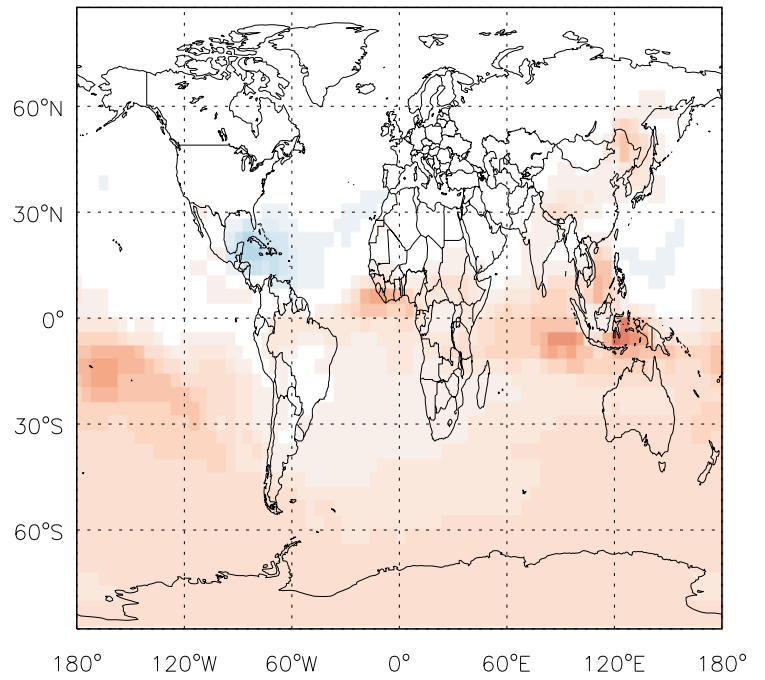
v11-01d-Run0 / v11-01b-Run0

S₀₂ / Ratio @ Surface for Jul



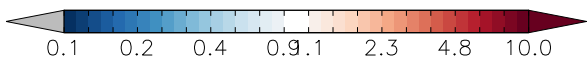
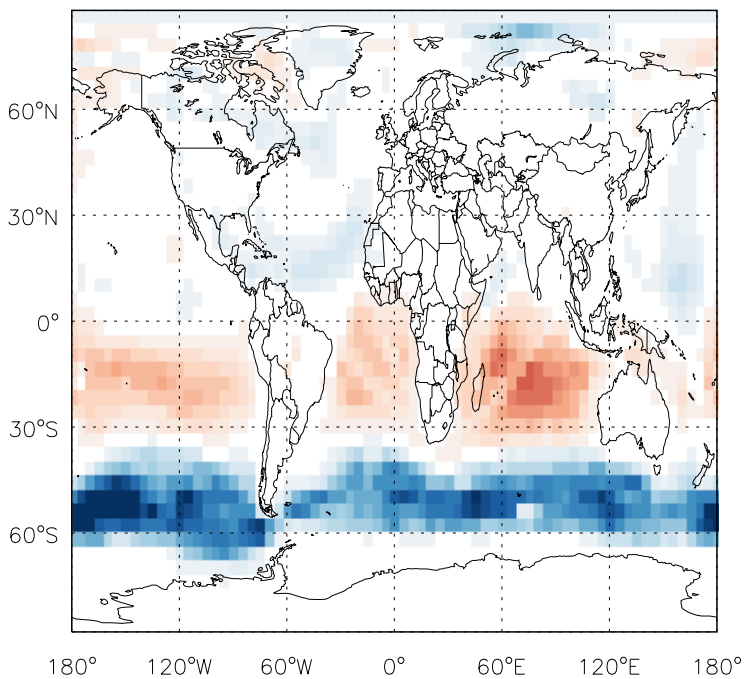
v11-01d-Run0 / v11-01b-Run0

S₀₂ / Ratio @ 500 hPa for Jul



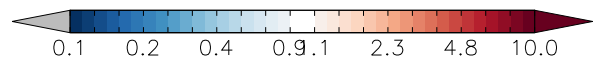
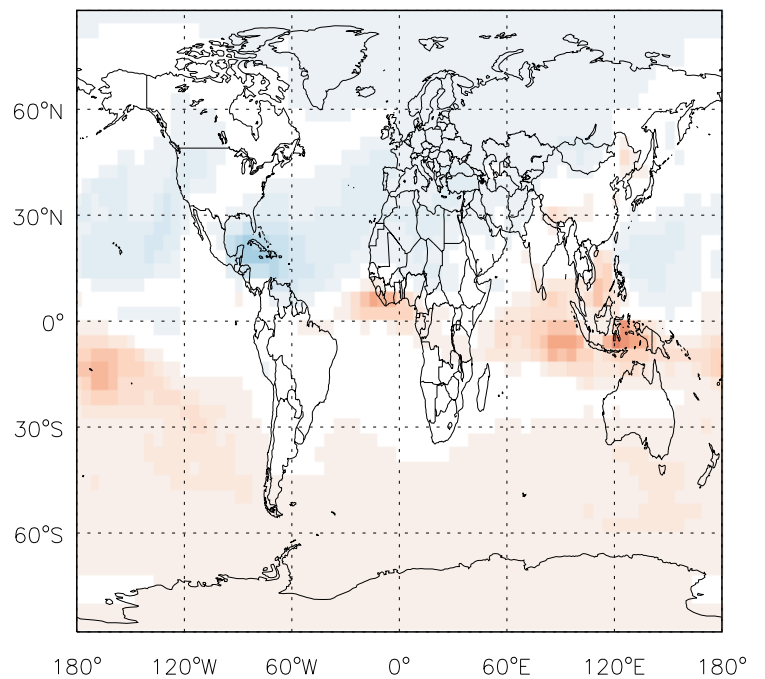
v11-01d-Run0 / v10-01-public-Run0

S₀₂ / Ratio @ Surface for Jul



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

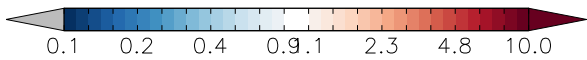
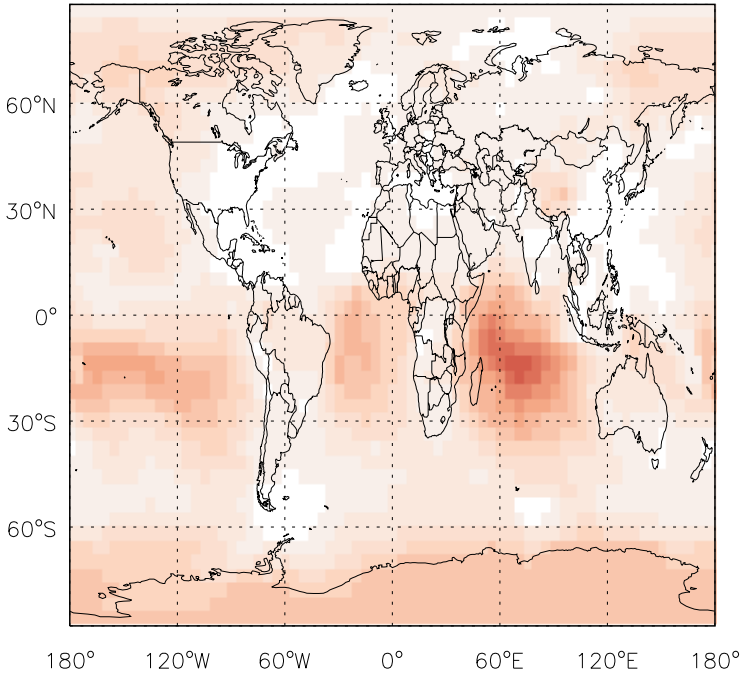
S₀₂ / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

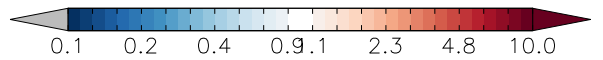
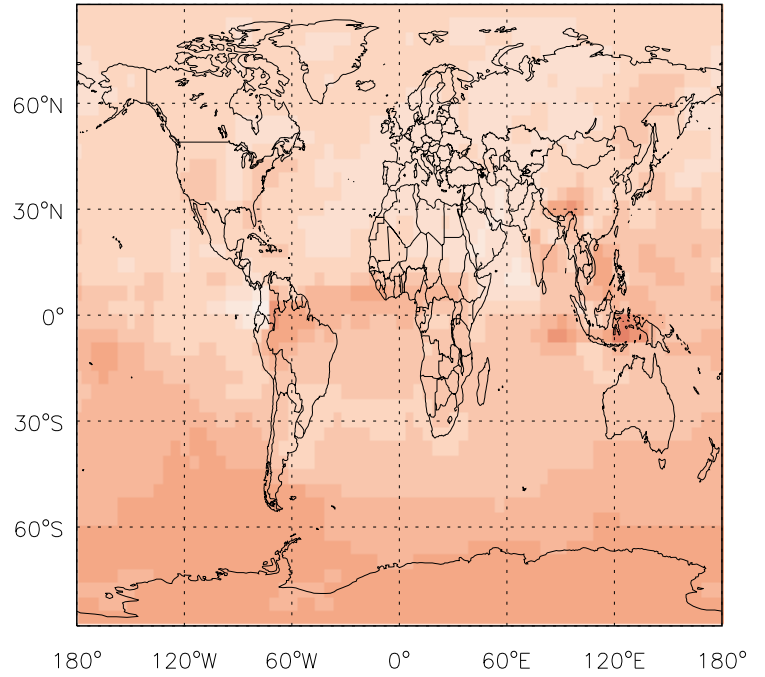
v11-01d-Run0 / v11-01b-Run0

S04 / Ratio @ Surface for Jul



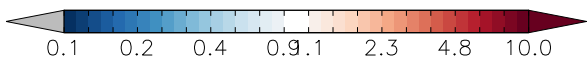
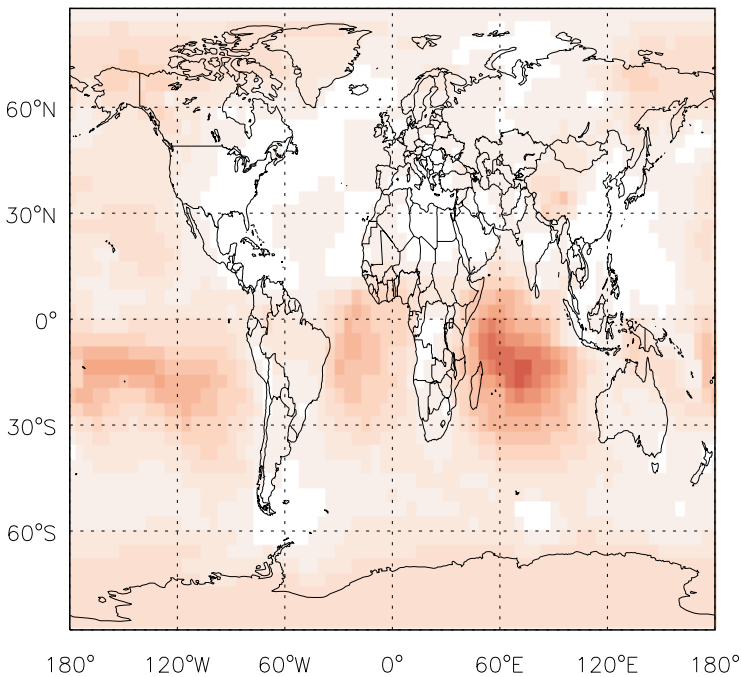
v11-01d-Run0 / v11-01b-Run0

S04 / Ratio @ 500 hPa for Jul



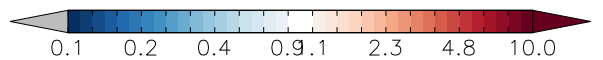
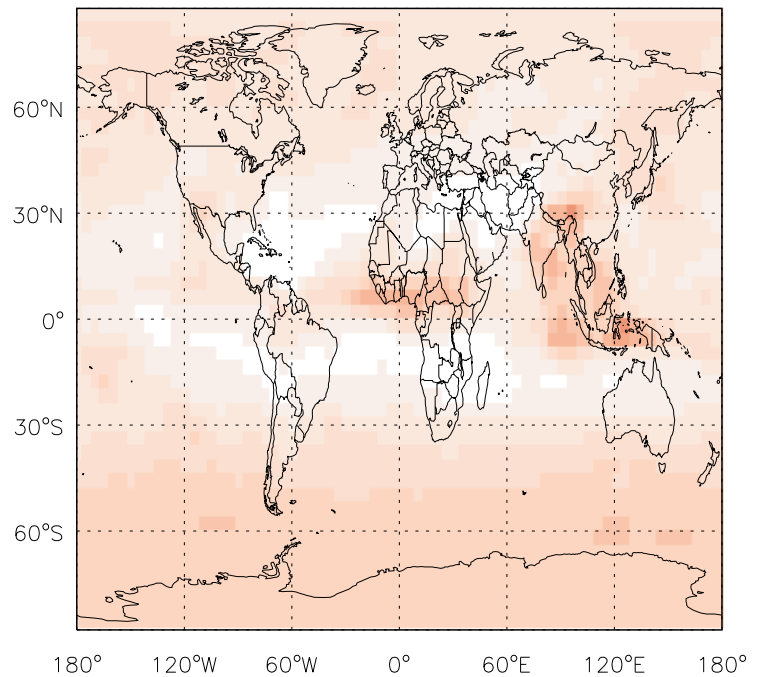
v11-01d-Run0 / v10-01-public-Run0

S04 / Ratio @ Surface for Jul



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

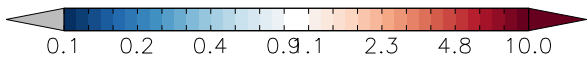
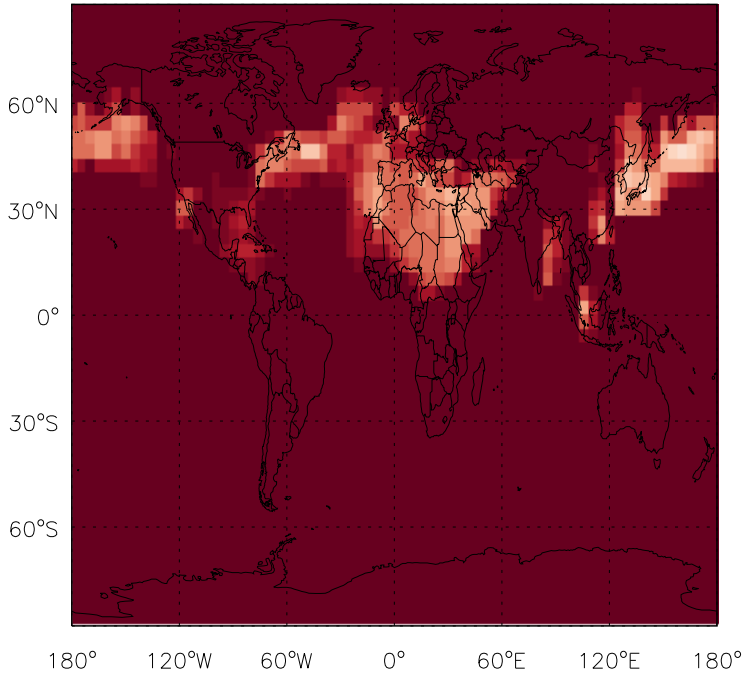
S04 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

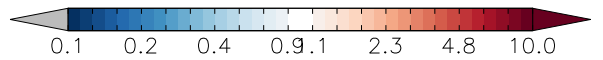
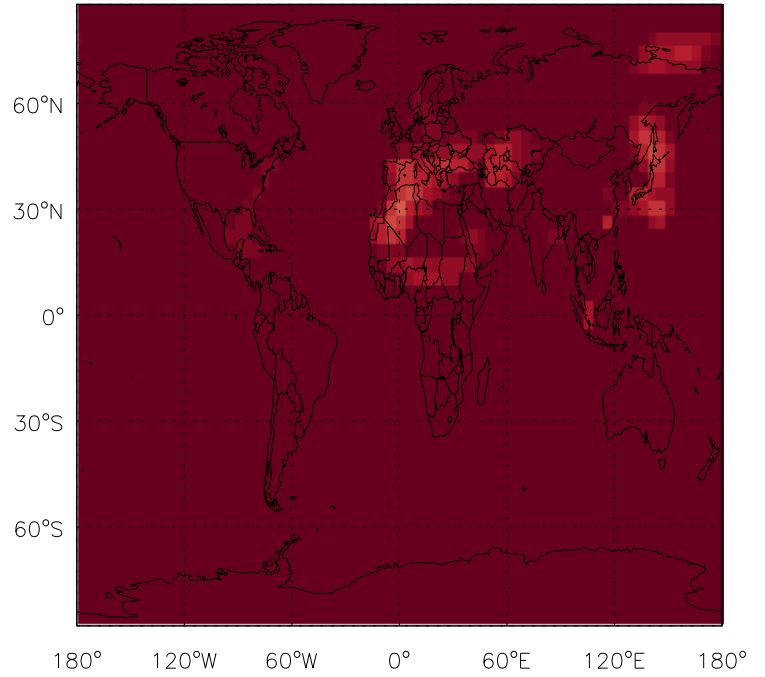
v11-01d-Run0 / v11-01b-Run0

SO₄s / Ratio @ Surface for Jul



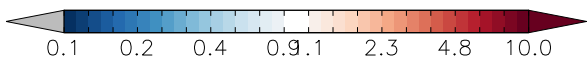
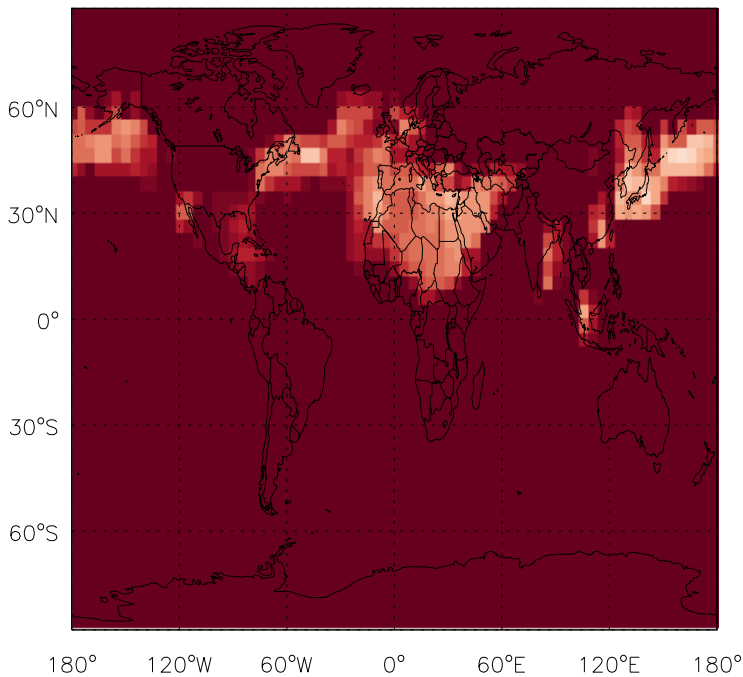
v11-01d-Run0 / v11-01b-Run0

SO₄s / Ratio @ 500 hPa for Jul



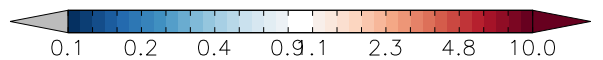
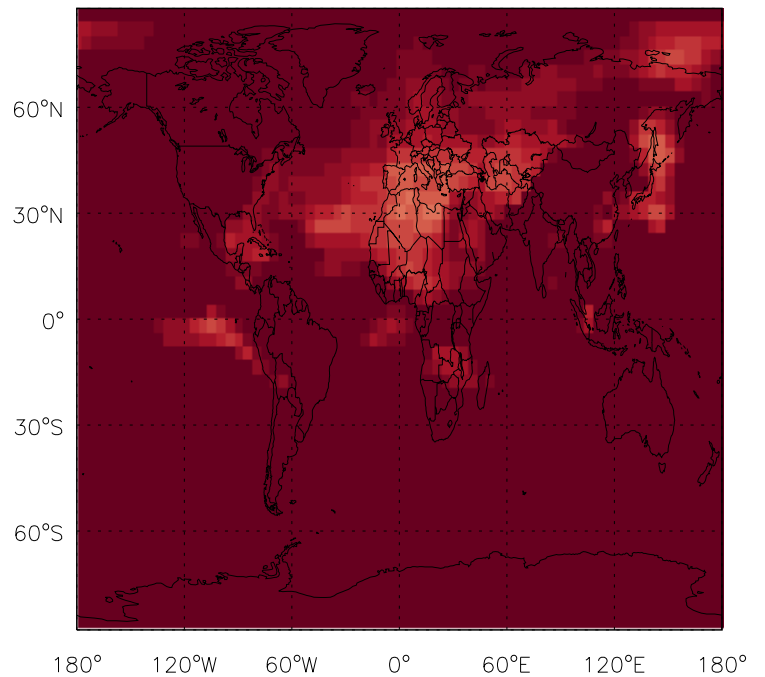
v11-01d-Run0 / v10-01-public-Run0

SO₄s / Ratio @ Surface for Jul



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

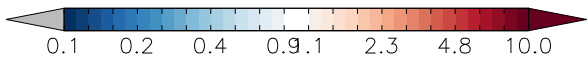
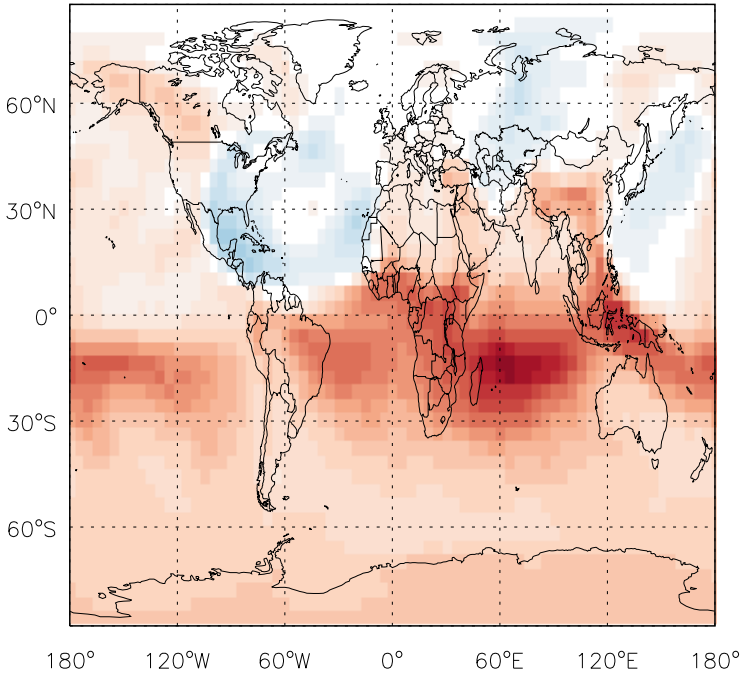
SO₄s / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

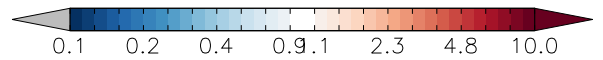
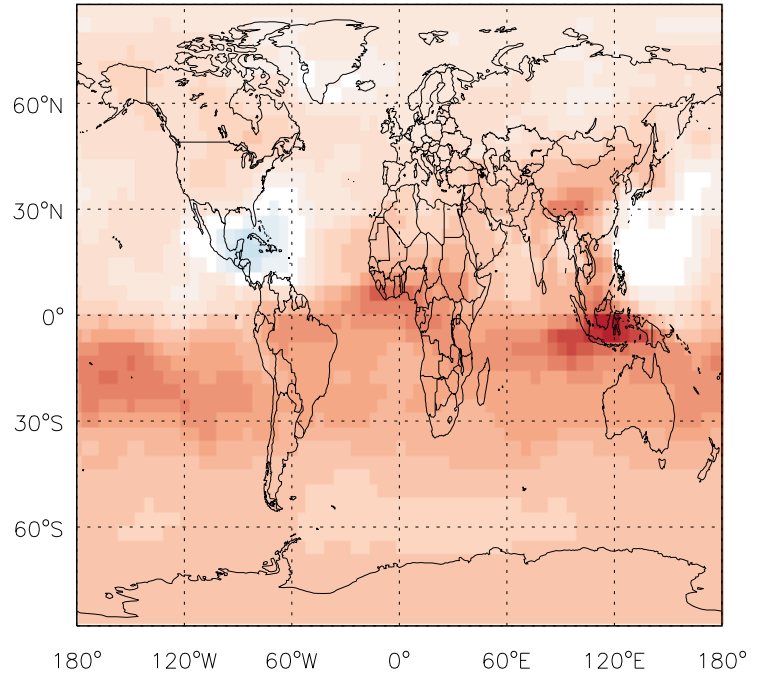
v11-01d-Run0 / v11-01b-Run0

MSA / Ratio @ Surface for Jul



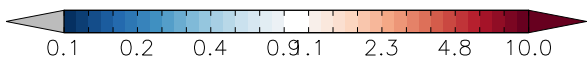
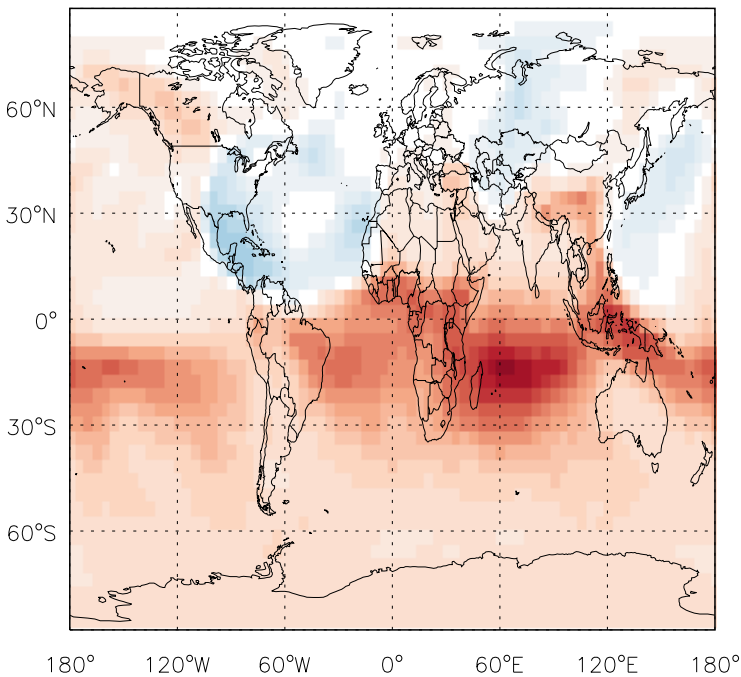
v11-01d-Run0 / v11-01b-Run0

MSA / Ratio @ 500 hPa for Jul



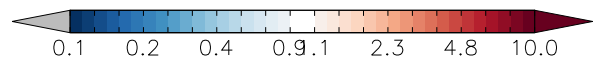
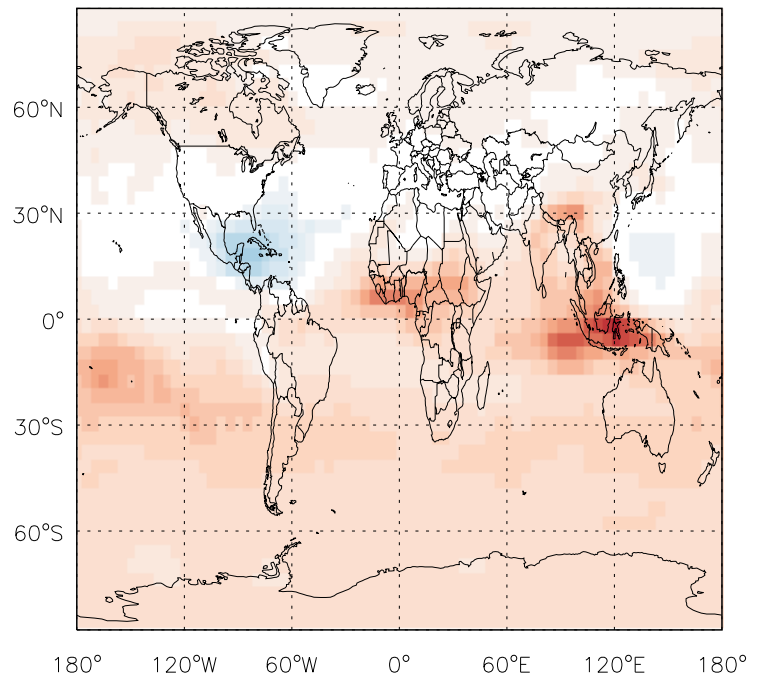
v11-01d-Run0 / v10-01-public-Run0

MSA / Ratio @ Surface for Jul



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

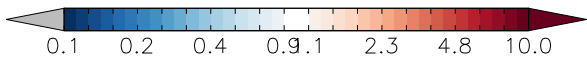
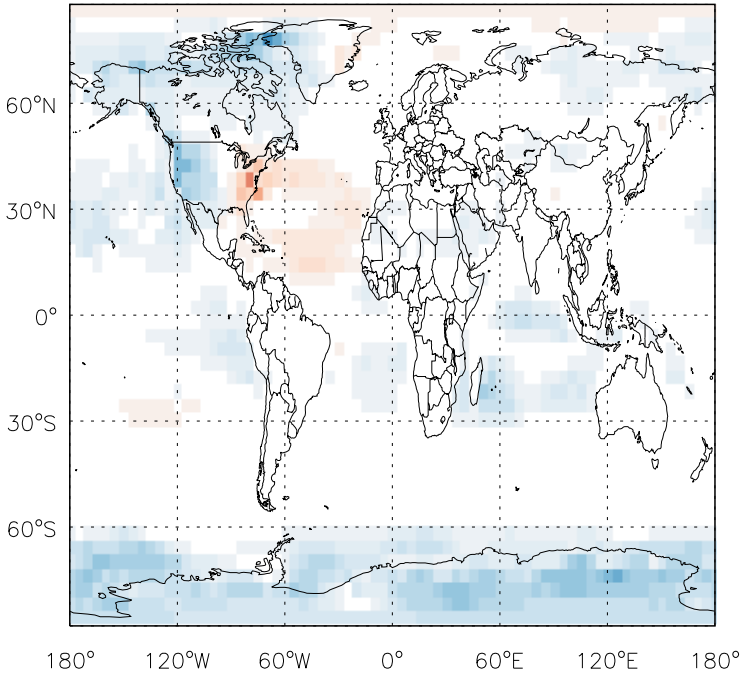
MSA / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

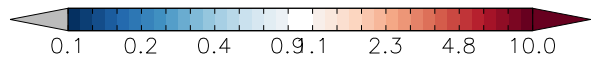
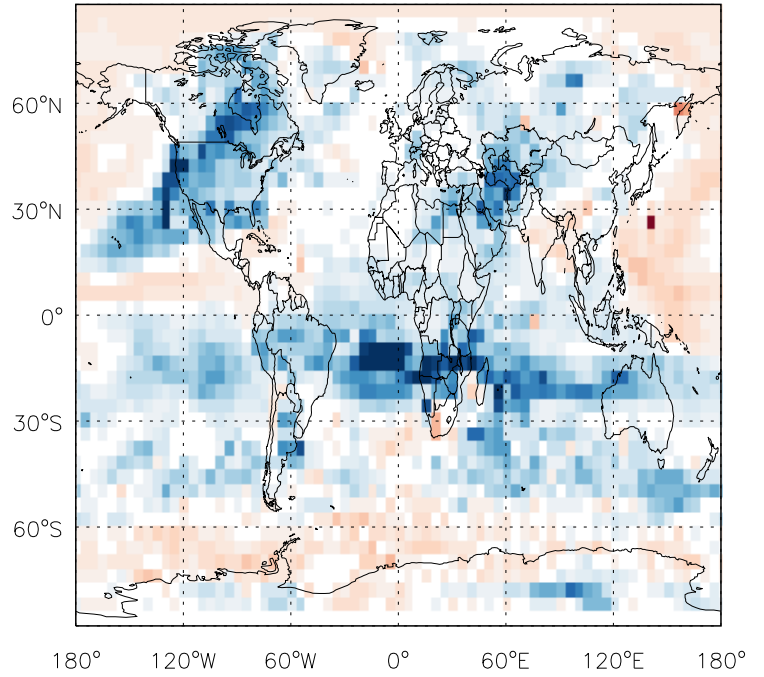
v11-01d-Run0 / v11-01b-Run0

NH₃ / Ratio @ Surface for Jul



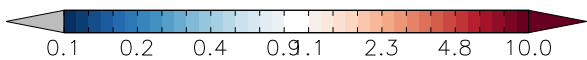
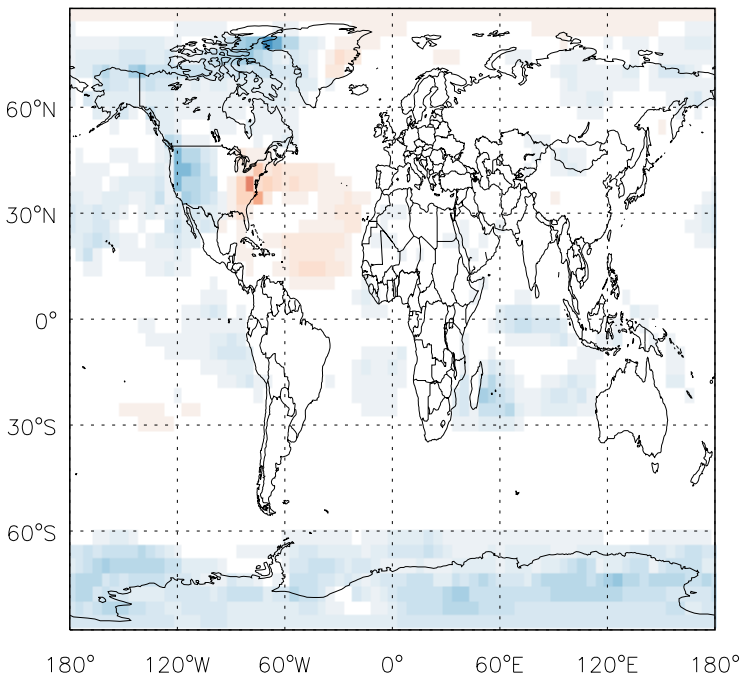
v11-01d-Run0 / v11-01b-Run0

NH₃/ Ratio @ 500 hPa for Jul



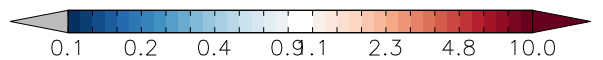
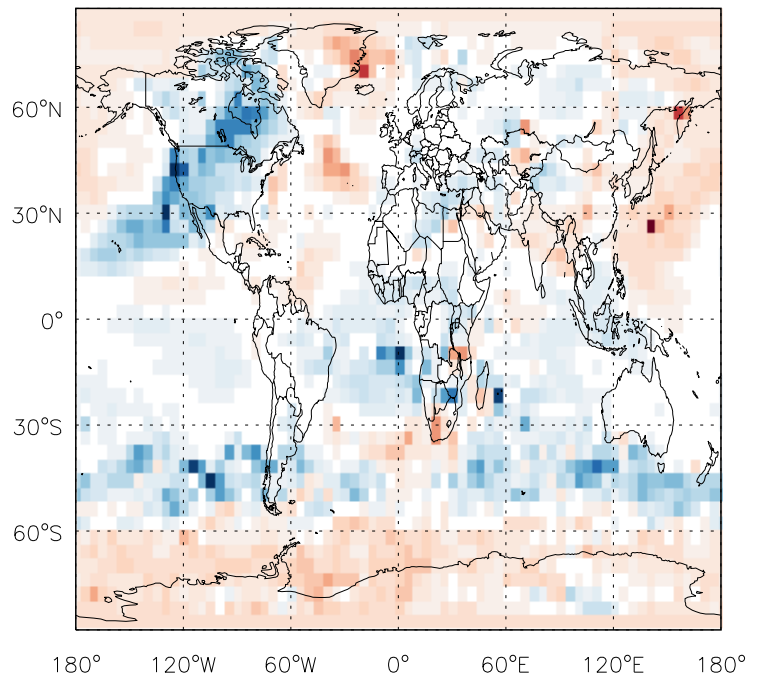
v11-01d-Run0 / v10-01-public-Run0

NH₃ / Ratio @ Surface for Jul



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

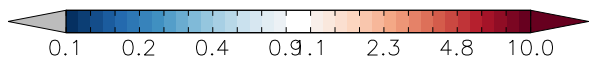
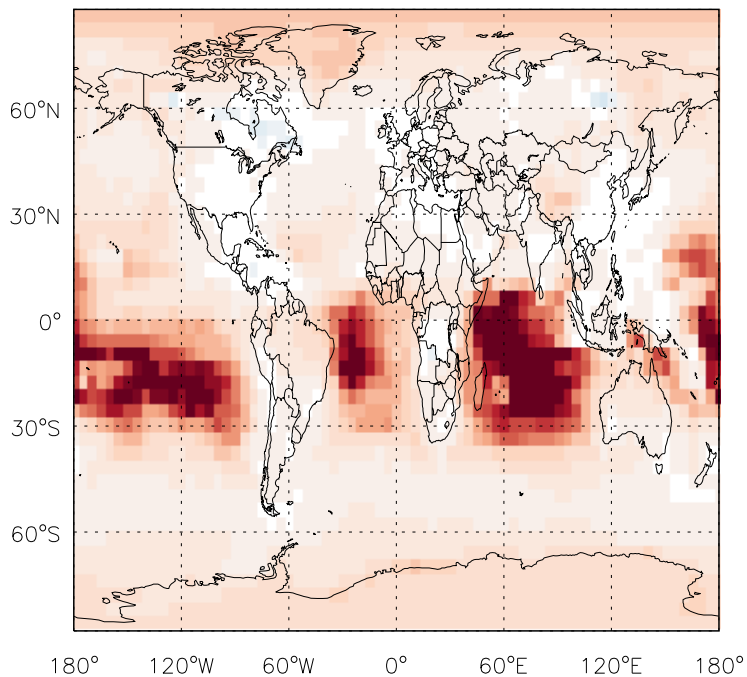
NH₃/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

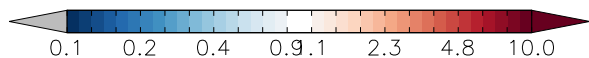
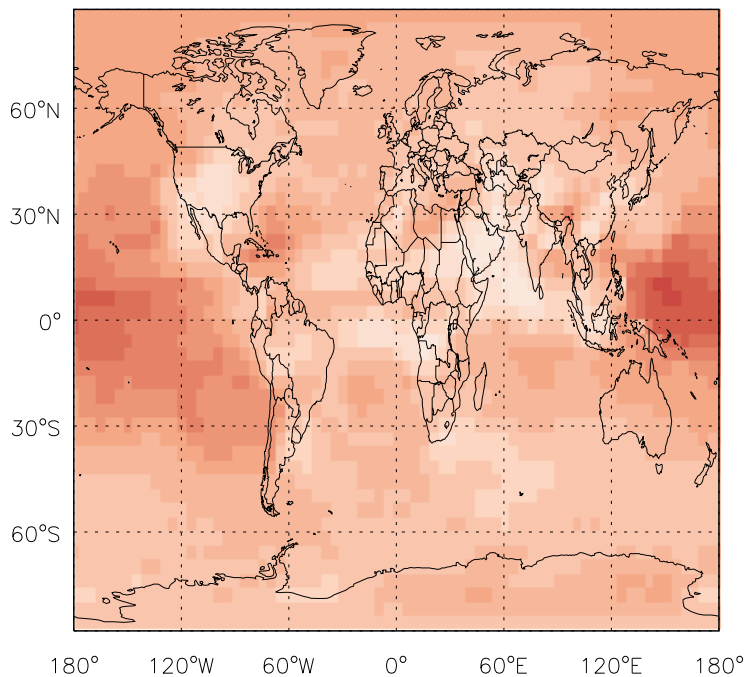
v11-01d-Run0 / v11-01b-Run0

NH4 / Ratio @ Surface for Jul



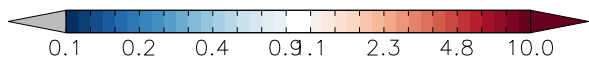
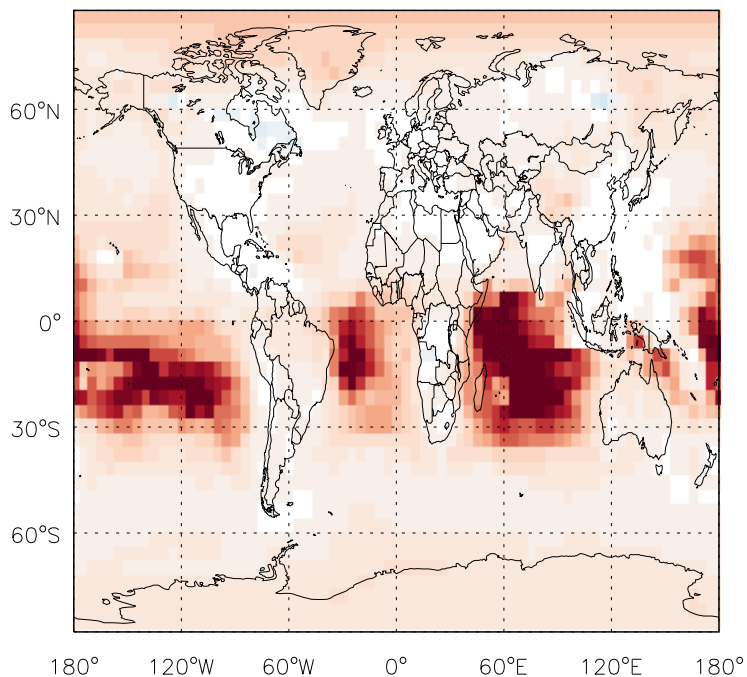
v11-01d-Run0 / v11-01b-Run0

NH4 / Ratio @ 500 hPa for Jul



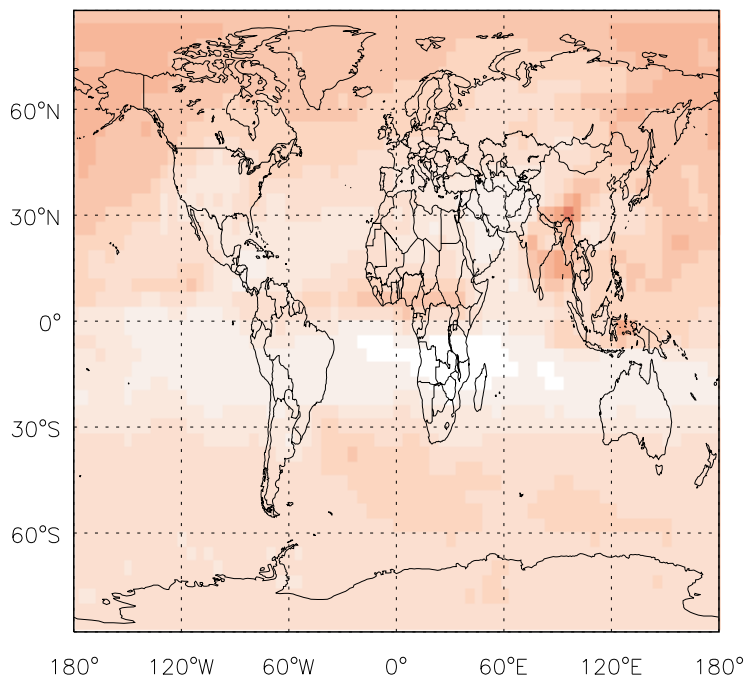
v11-01d-Run0 / v10-01-public-Run0

NH4 / Ratio @ Surface for Jul



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

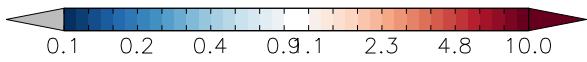
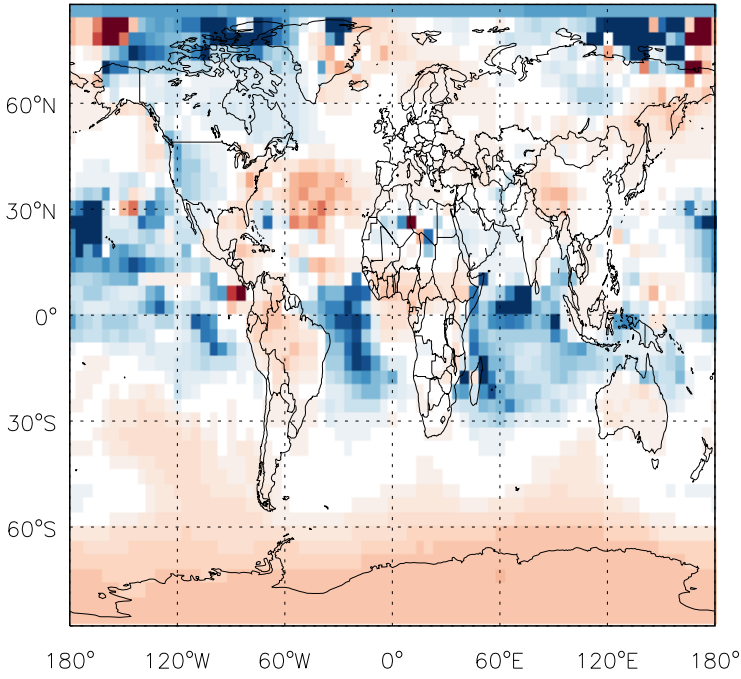
NH4 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

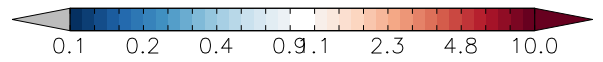
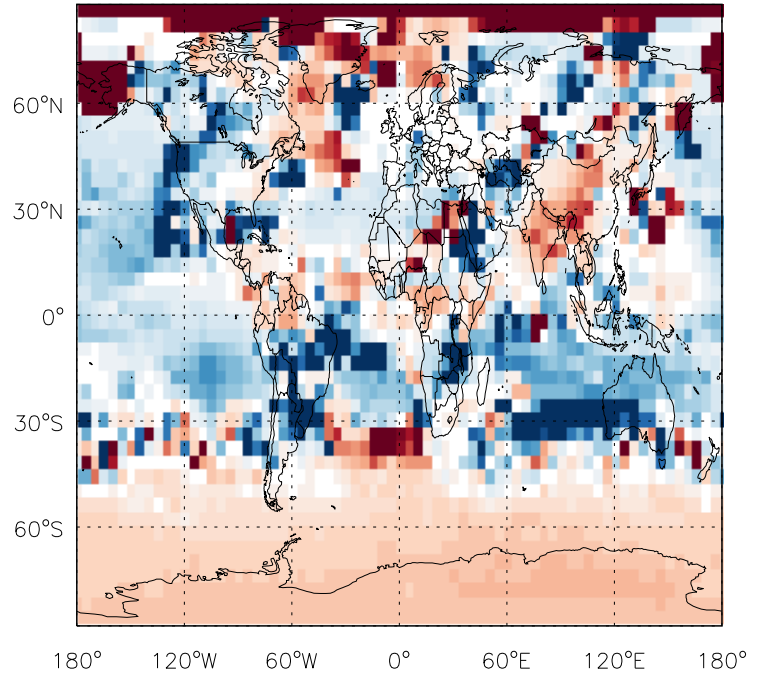
v11-01d-Run0 / v11-01b-Run0

NIT / Ratio @ Surface for Jul



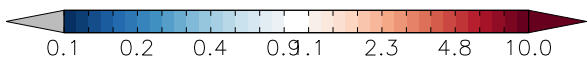
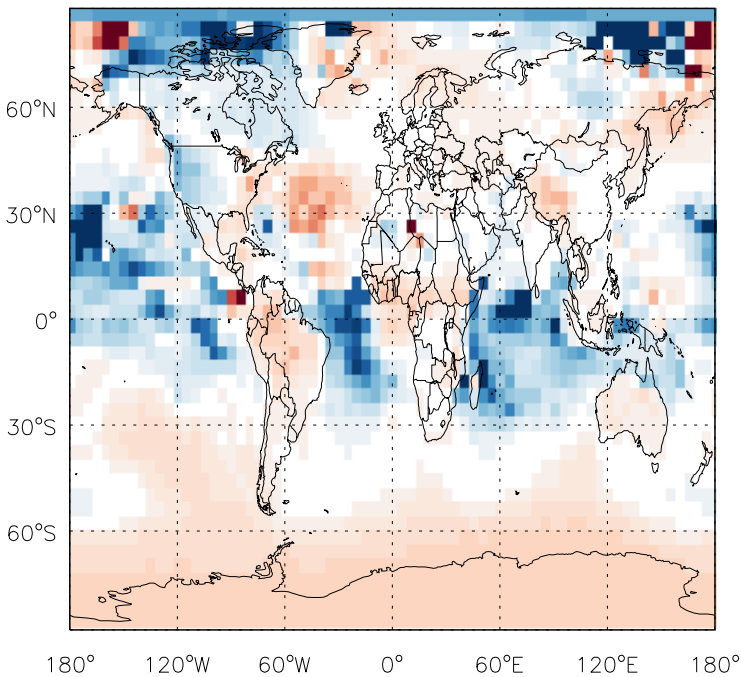
v11-01d-Run0 / v11-01b-Run0

NIT/ Ratio @ 500 hPa for Jul



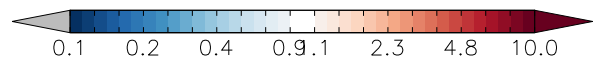
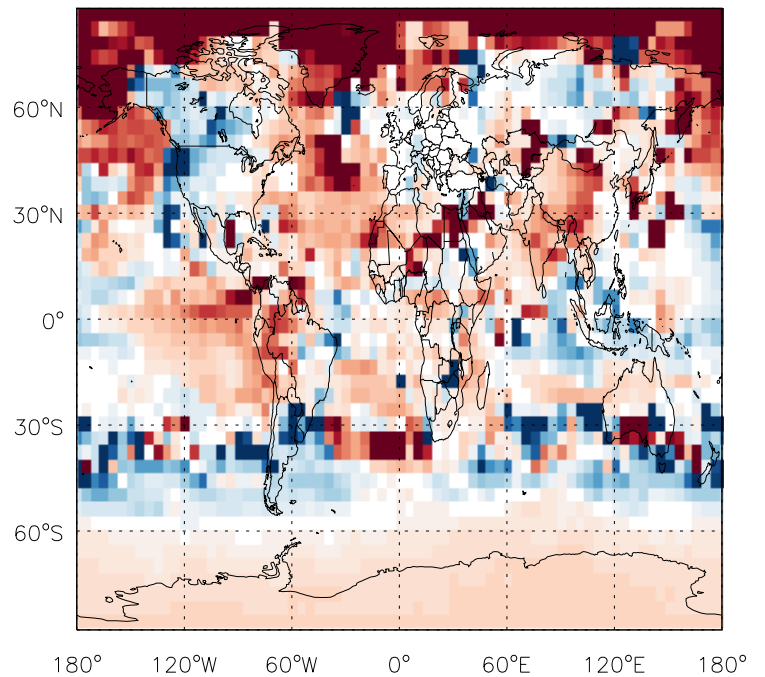
v11-01d-Run0 / v10-01-public-Run0

NIT / Ratio @ Surface for Jul



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

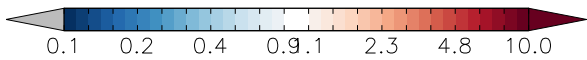
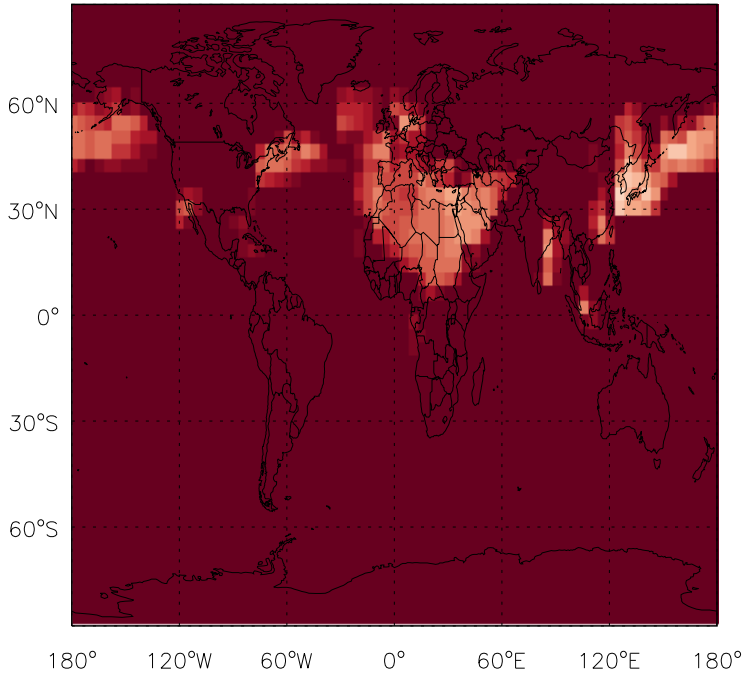
NIT/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

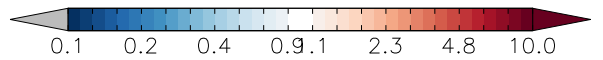
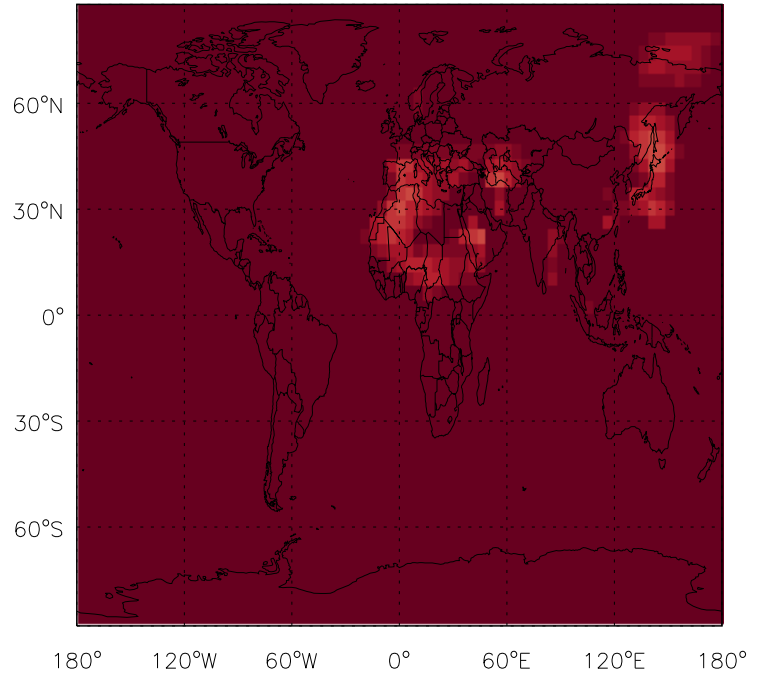
v11-01d-Run0 / v11-01b-Run0

NITs / Ratio @ Surface for Jul



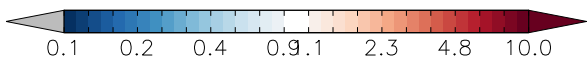
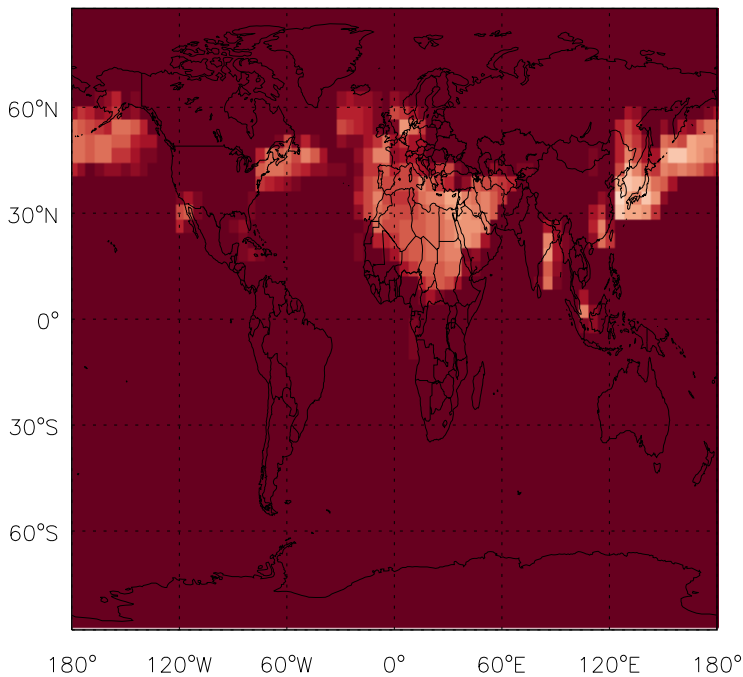
v11-01d-Run0 / v11-01b-Run0

NITs/ Ratio @ 500 hPa for Jul



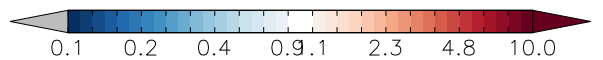
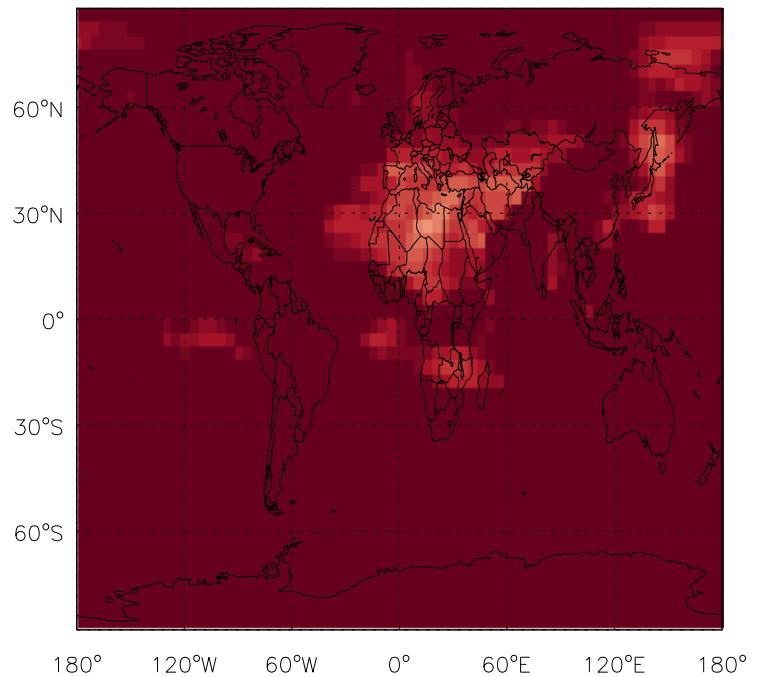
v11-01d-Run0 / v10-01-public-Run0

NITs / Ratio @ Surface for Jul



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

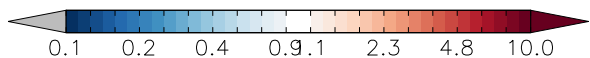
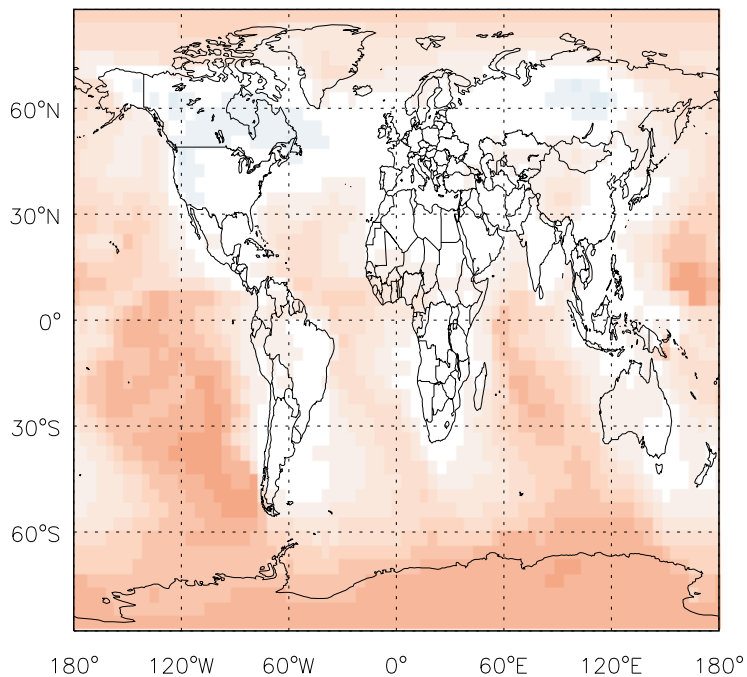
NITs/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

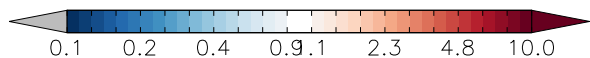
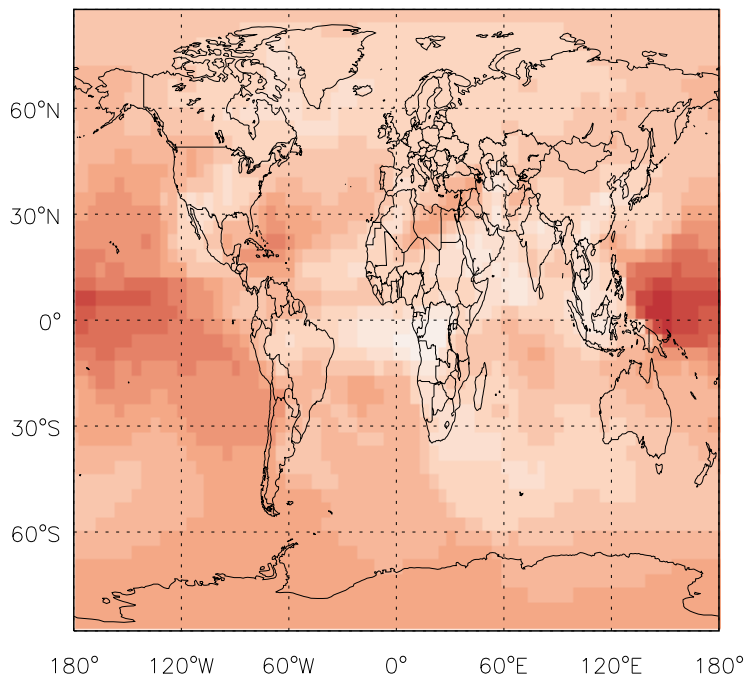
v11-01d-Run0 / v11-01b-Run0

BCPI / Ratio @ Surface for Jul



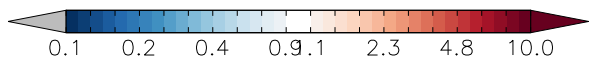
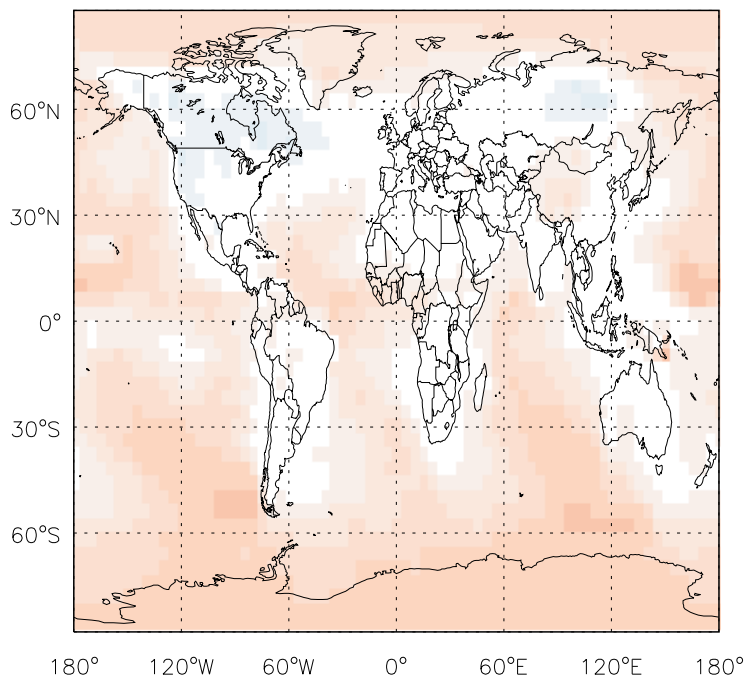
v11-01d-Run0 / v11-01b-Run0

BCPI/ Ratio @ 500 hPa for Jul



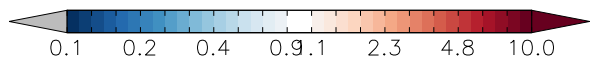
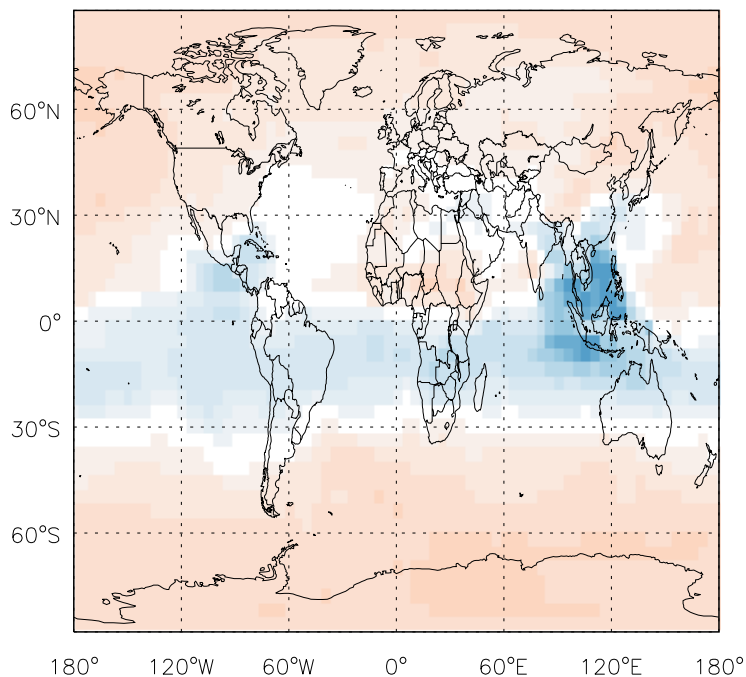
v11-01d-Run0 / v10-01-public-Run0

BCPI / Ratio @ Surface for Jul



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

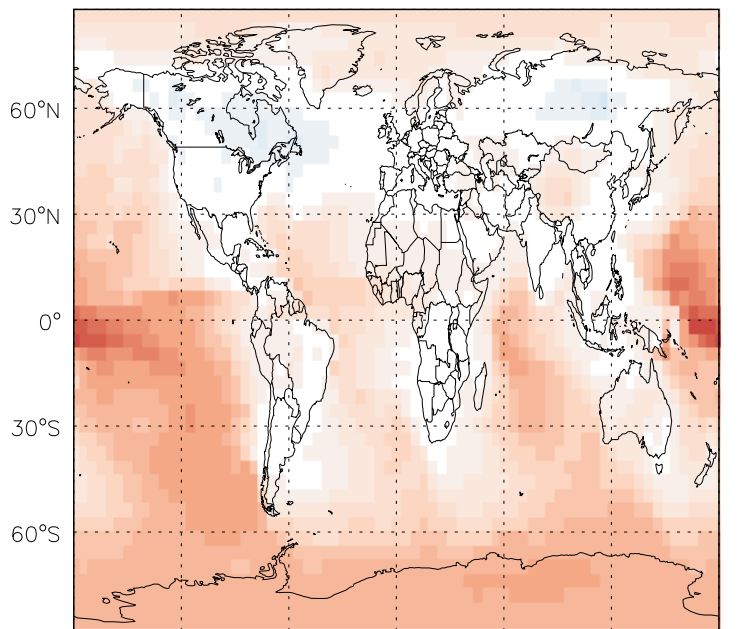
BCPI/ Ratio @ 500 hPa for Jul



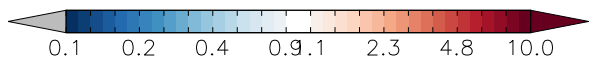
GEOS-Chem Ratio Maps at surface and 500 hPa

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

OCPI / Ratio @ Surface for Jul

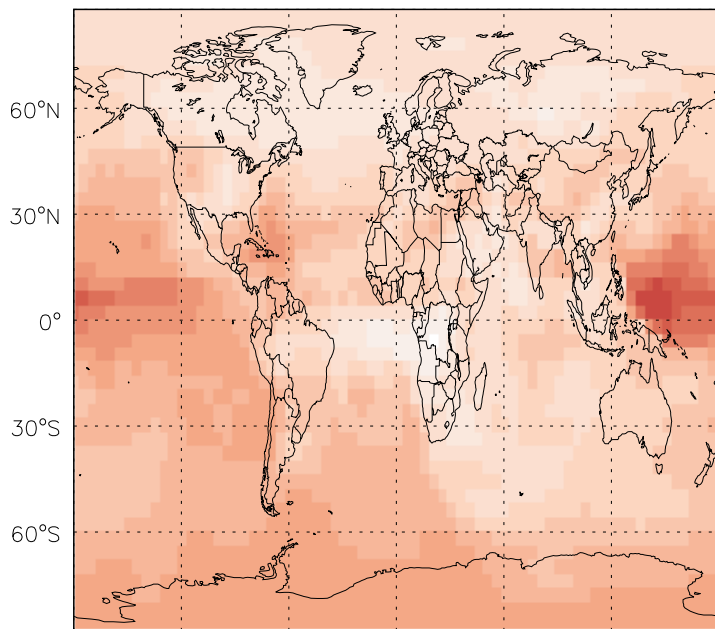


180° 120°W 60°W 0° 60°E 120°E 180°

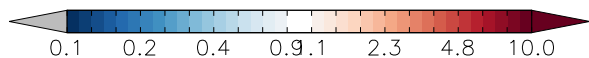


v11-01d-Run0 / v11-01b-Run0

OCPI/ Ratio @ 500 hPa for Jul

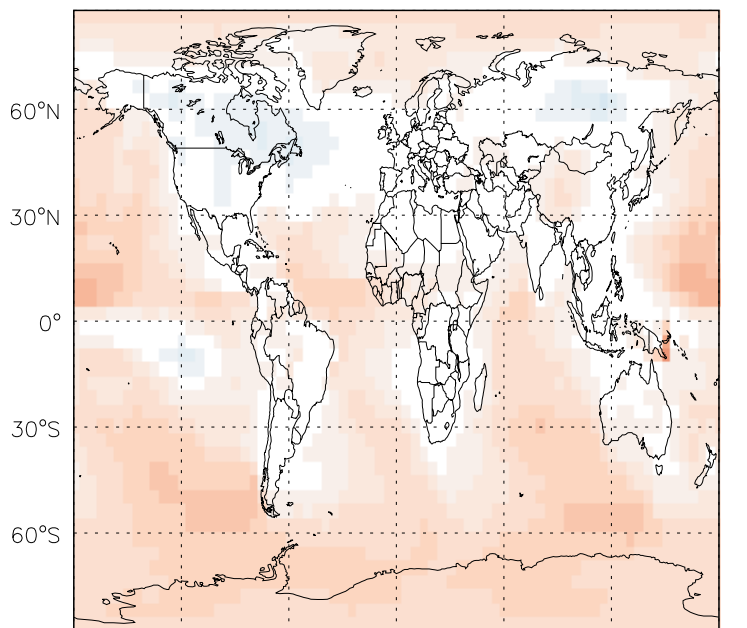


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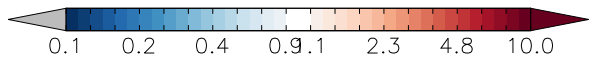


v11-01d-Run0 / v10-01-public-Run0

OCPI / Ratio @ Surface for Jul

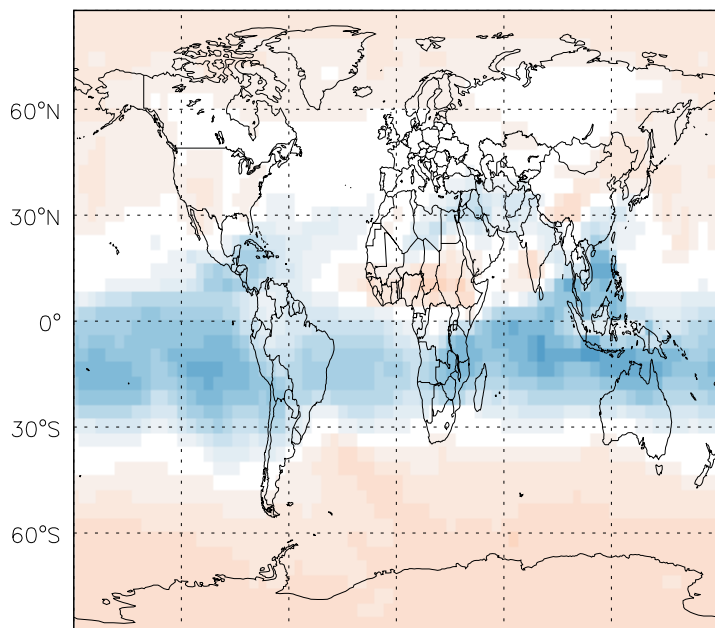


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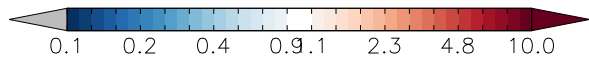


v11-01d-Run0 / v10-01-public-Run0

OCPI/ Ratio @ 500 hPa for Jul



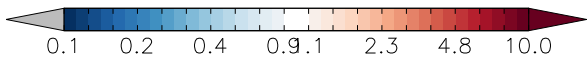
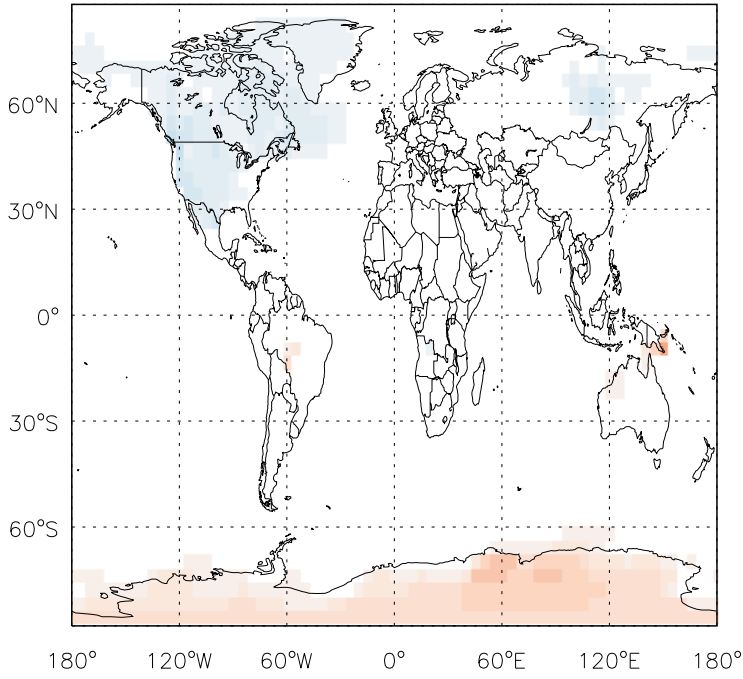
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

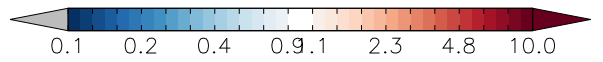
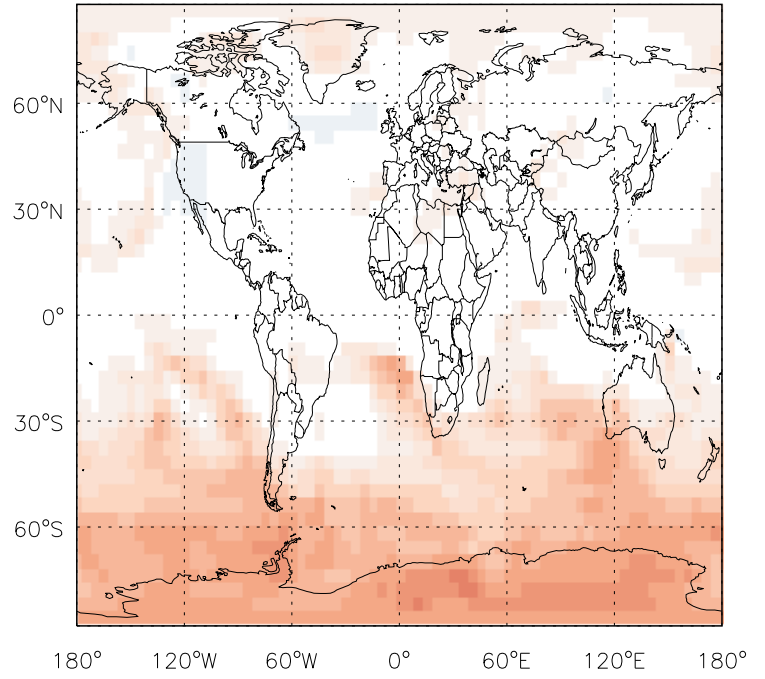
v11-01d-Run0 / v11-01b-Run0

BCPO / Ratio @ Surface for Jul



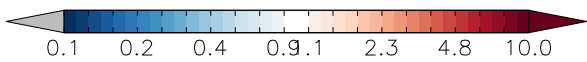
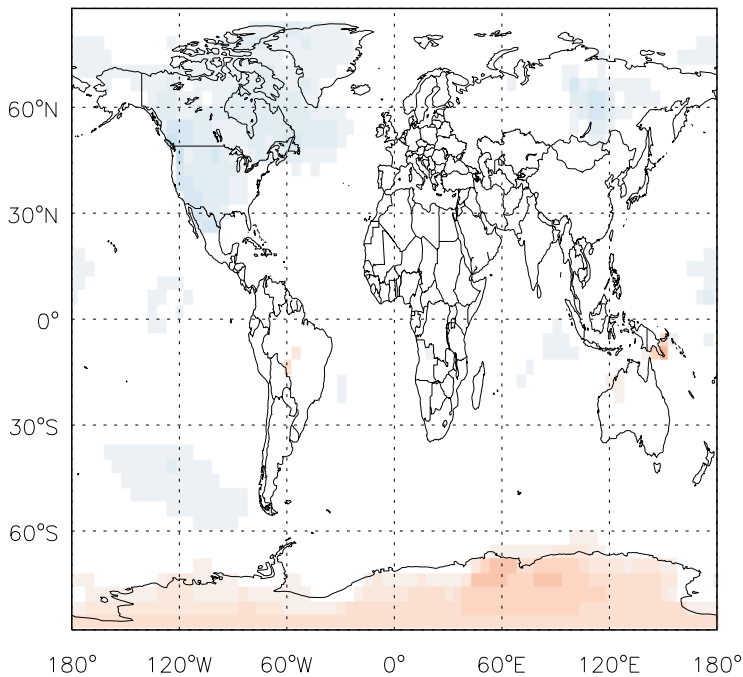
v11-01d-Run0 / v11-01b-Run0

BCPO/ Ratio @ 500 hPa for Jul



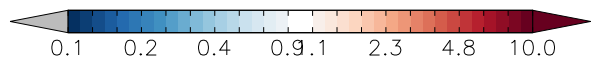
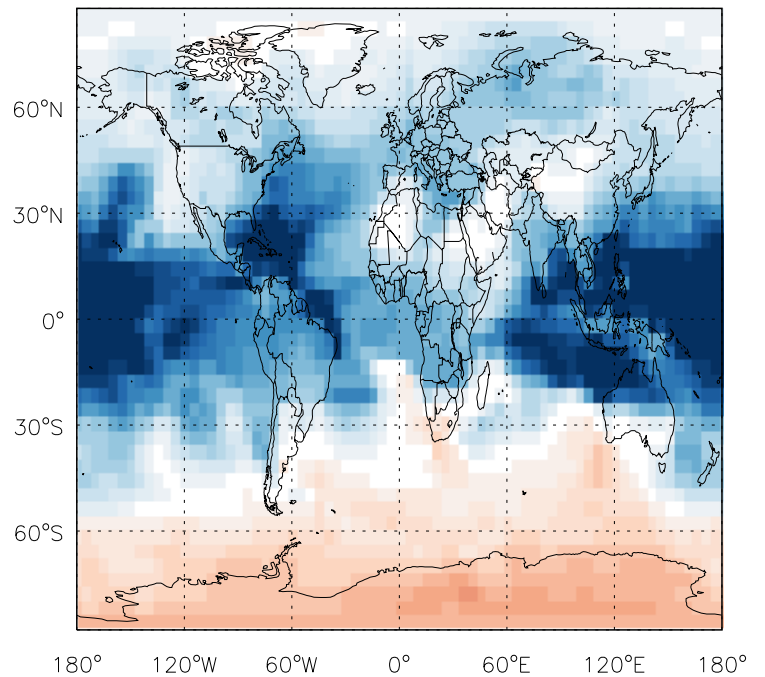
v11-01d-Run0 / v10-01-public-Run0

BCPO / Ratio @ Surface for Jul



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

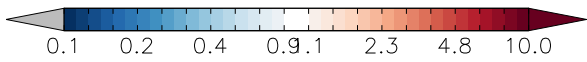
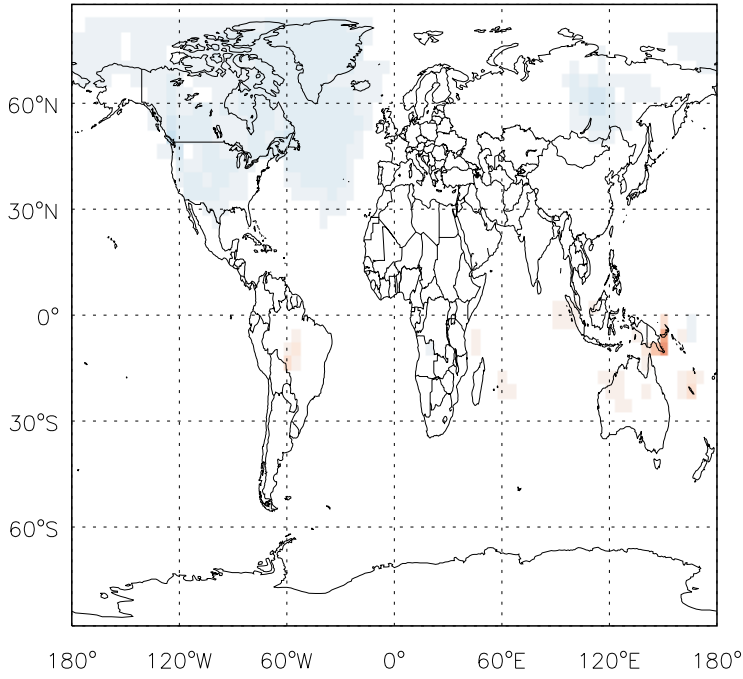
BCPO/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

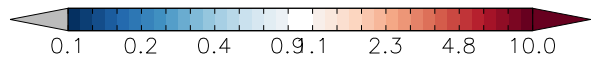
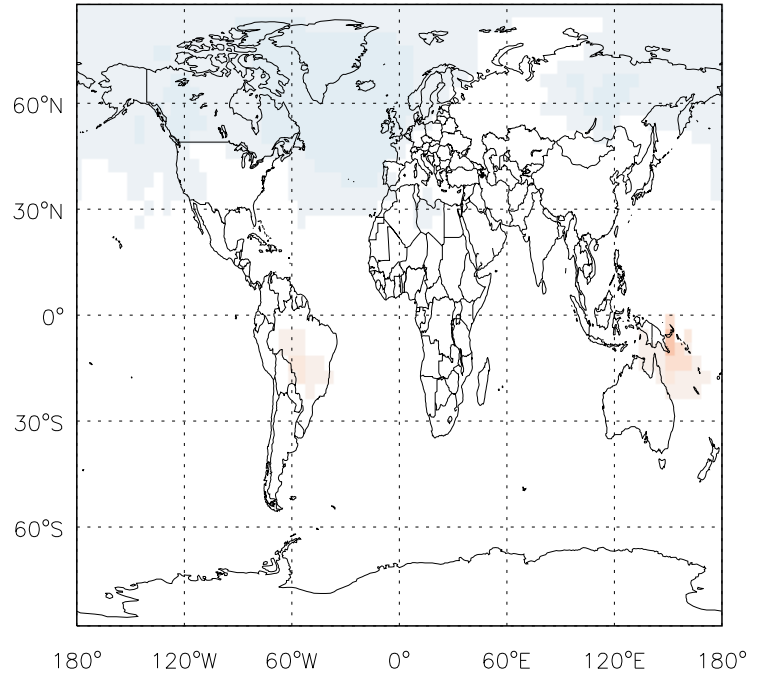
v11-01d-Run0 / v11-01b-Run0

OCPO / Ratio @ Surface for Jul



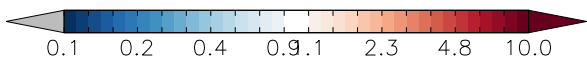
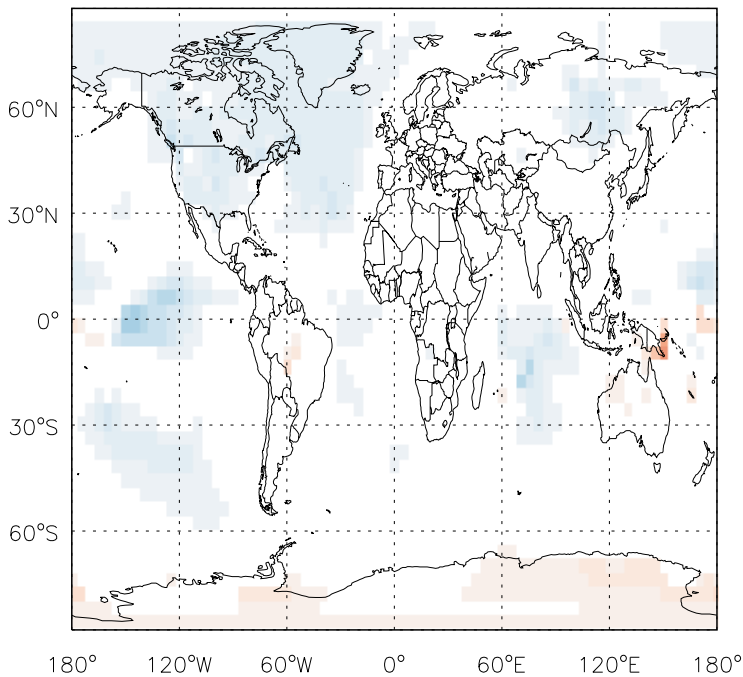
v11-01d-Run0 / v11-01b-Run0

OCPO / Ratio @ 500 hPa for Jul



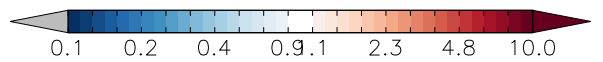
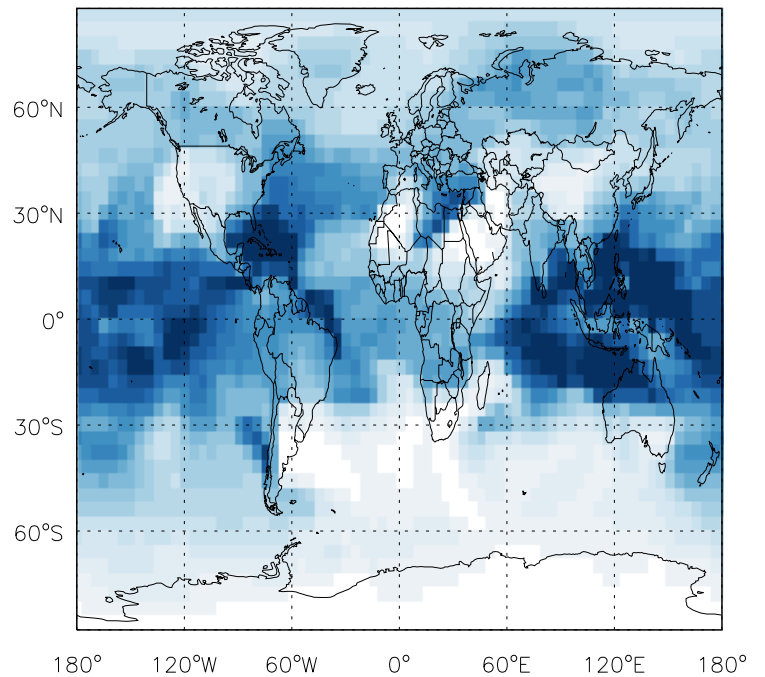
v11-01d-Run0 / v10-01-public-Run0

OCPO / Ratio @ Surface for Jul



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

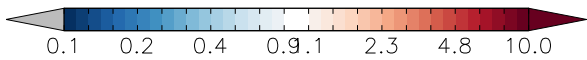
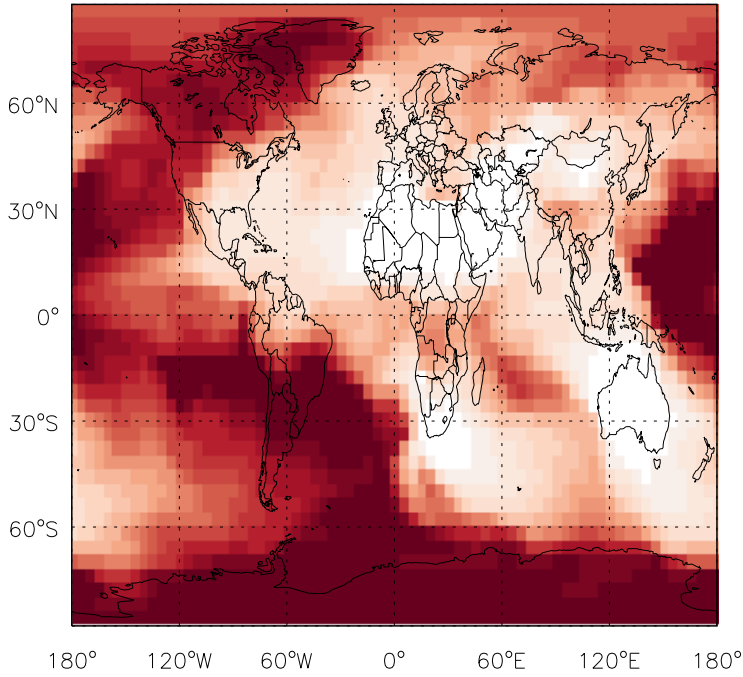
OCPO / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

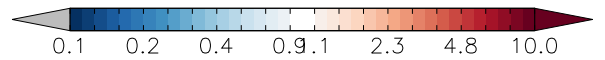
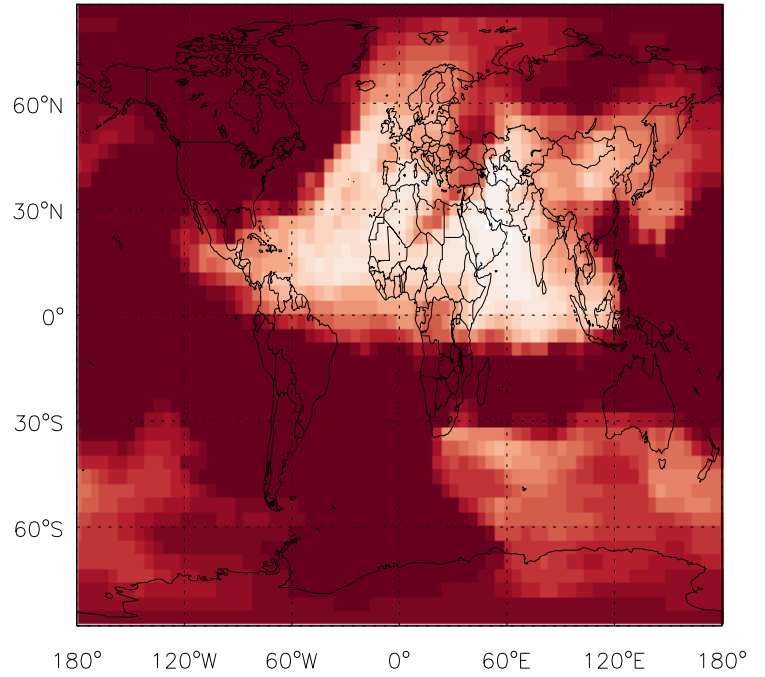
v11-01d-Run0 / v11-01b-Run0

DST1 / Ratio @ Surface for Jul



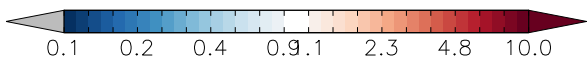
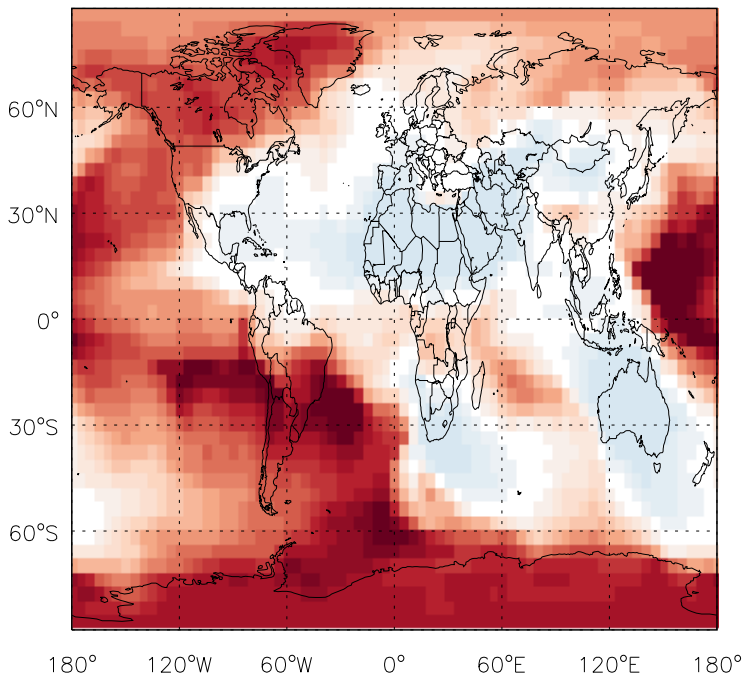
v11-01d-Run0 / v11-01b-Run0

DST1/ Ratio @ 500 hPa for Jul



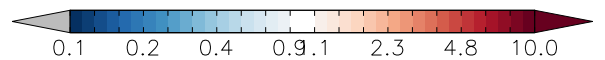
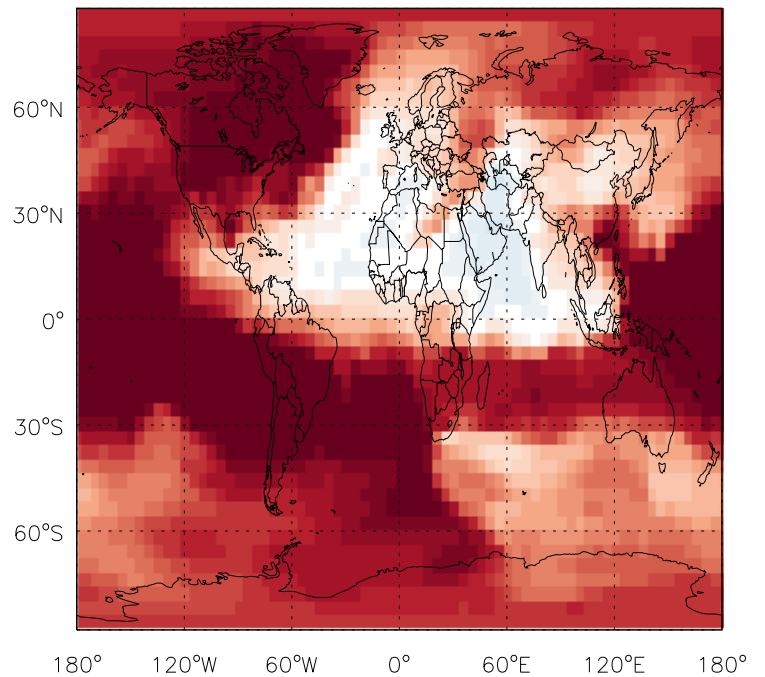
v11-01d-Run0 / v10-01-public-Run0

DST1 / Ratio @ Surface for Jul



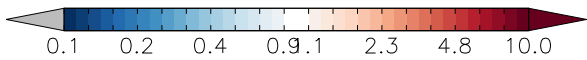
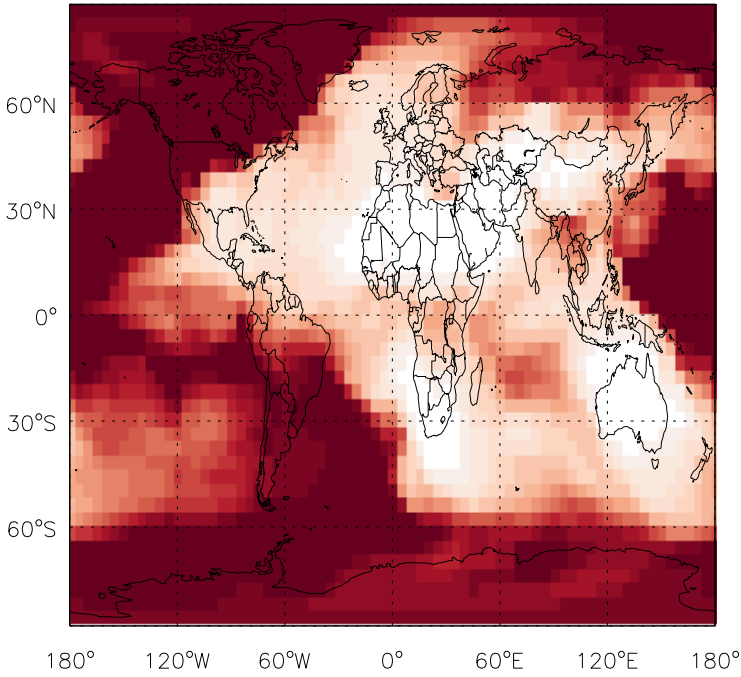
v11-01d-Run0 / v10-01-public-Run0

DST1/ Ratio @ 500 hPa for Jul

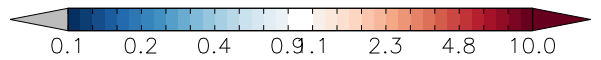
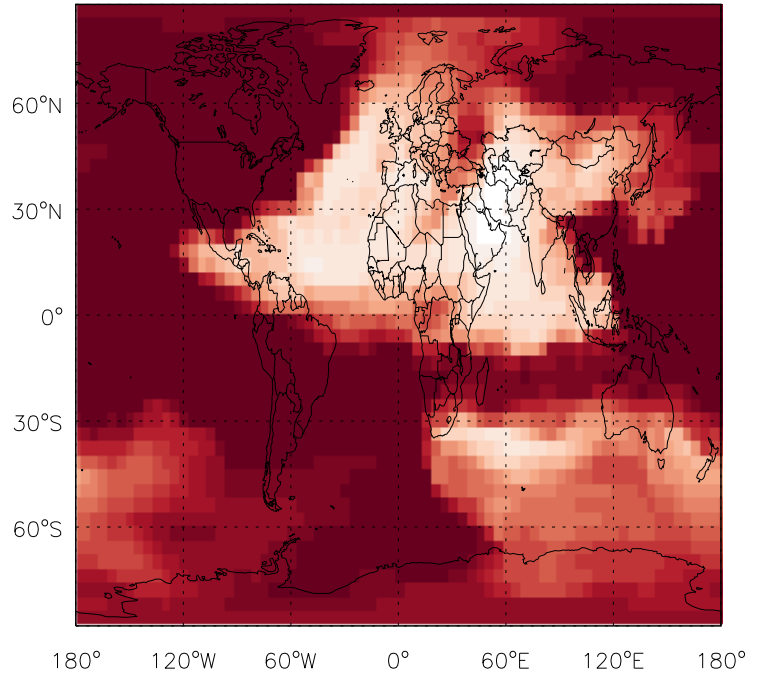


GEOS-Chem Ratio Maps at surface and 500 hPa

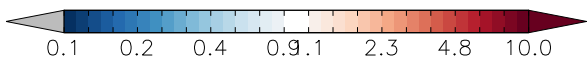
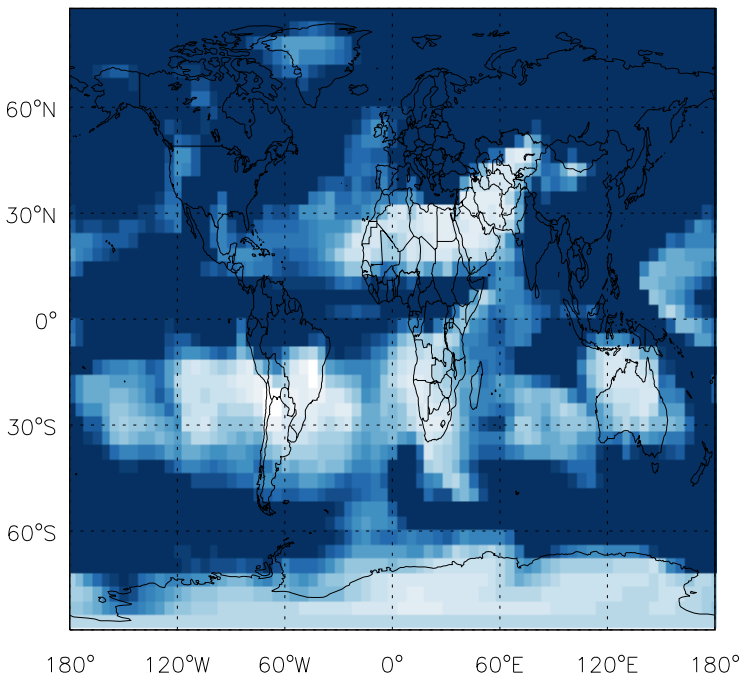
v11-01d-Run0 / v11-01b-Run0
DST2 / Ratio @ Surface for Jul



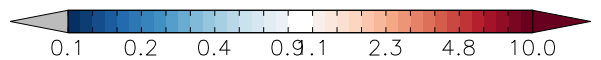
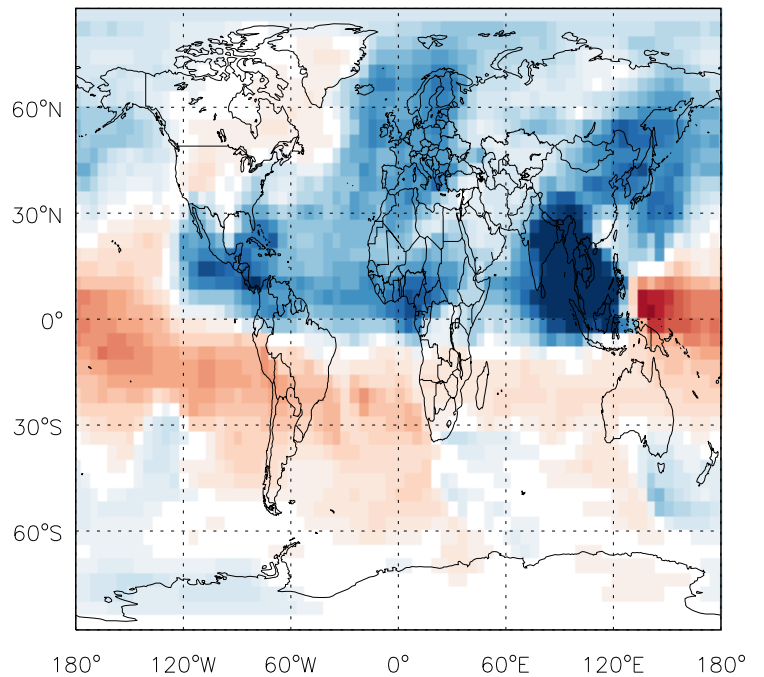
v11-01d-Run0 / v11-01b-Run0
DST2/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
DST2 / Ratio @ Surface for Jul

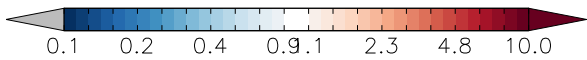
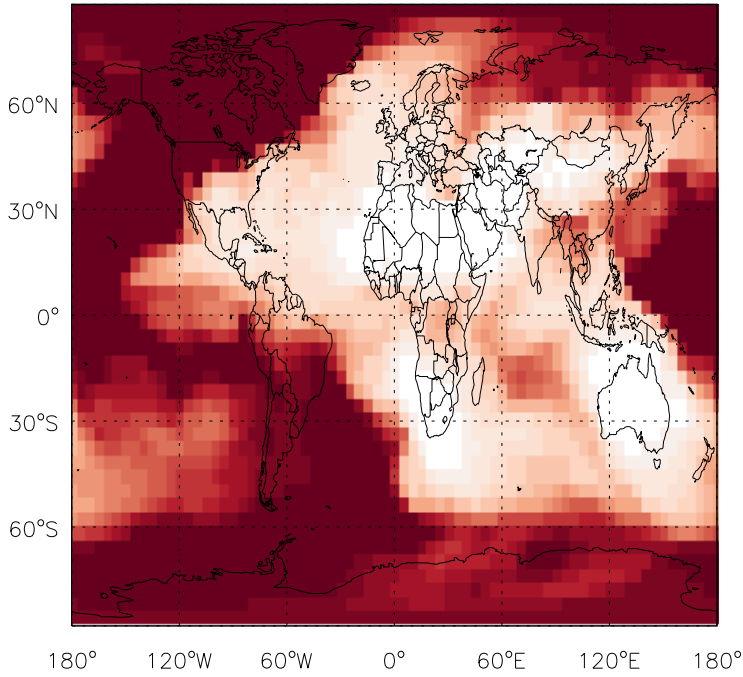


v11-01d-Run0 / v10-01-public-Run0
DST2/ Ratio @ 500 hPa for Jul

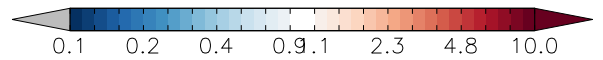
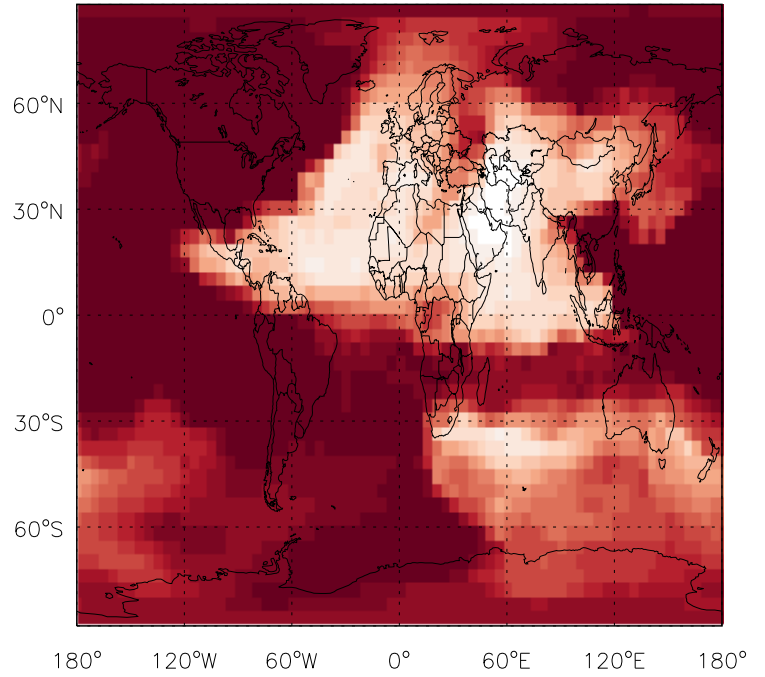


GEOS-Chem Ratio Maps at surface and 500 hPa

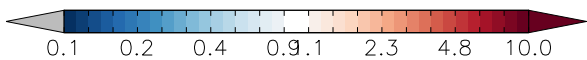
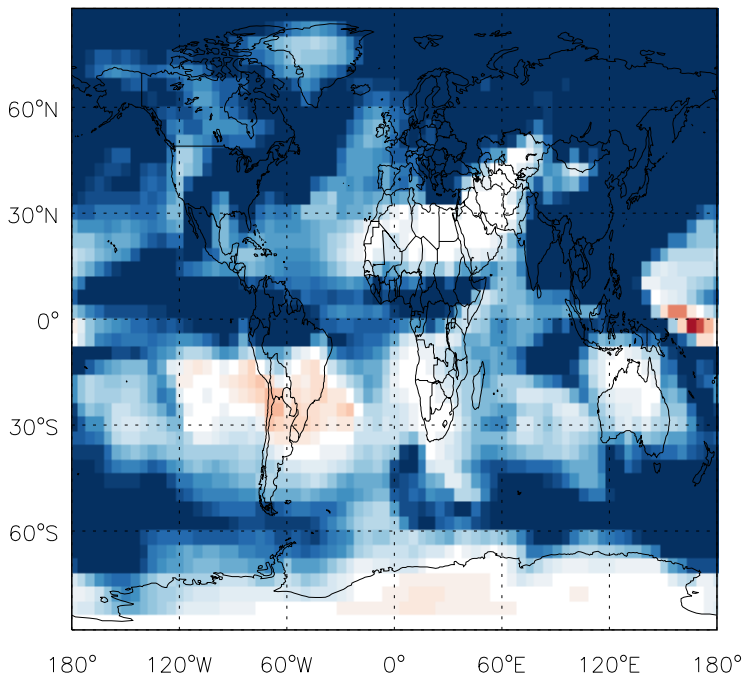
v11-01d-Run0 / v11-01b-Run0
DST3 / Ratio @ Surface for Jul



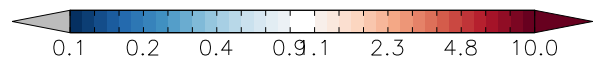
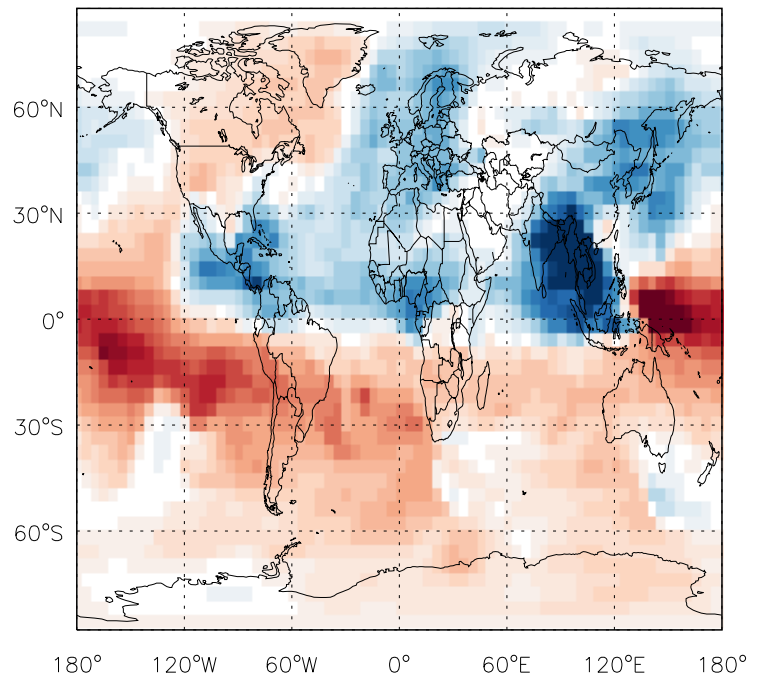
v11-01d-Run0 / v11-01b-Run0
DST3/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
DST3 / Ratio @ Surface for Jul



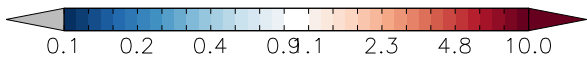
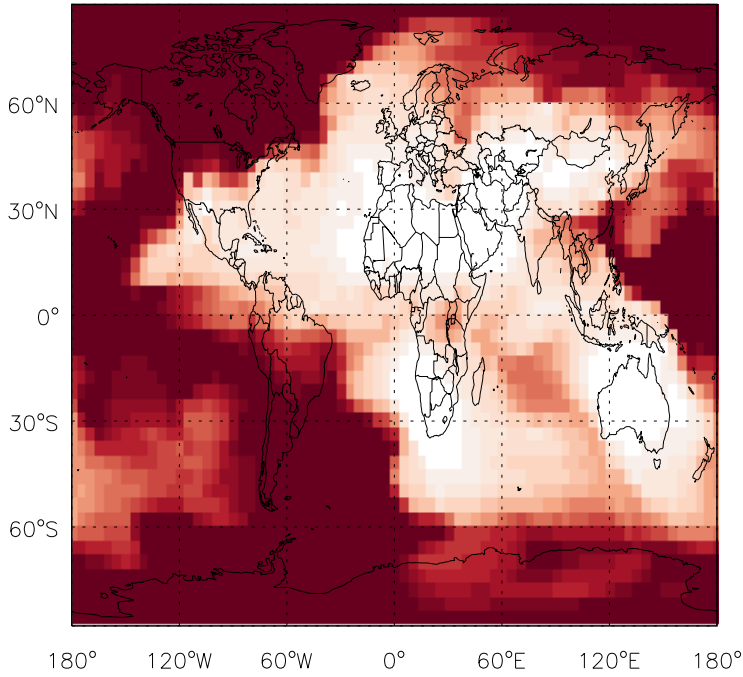
v11-01d-Run0 / v10-01-public-Run0
DST3/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

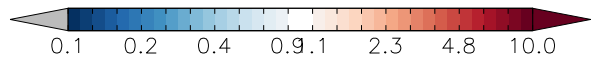
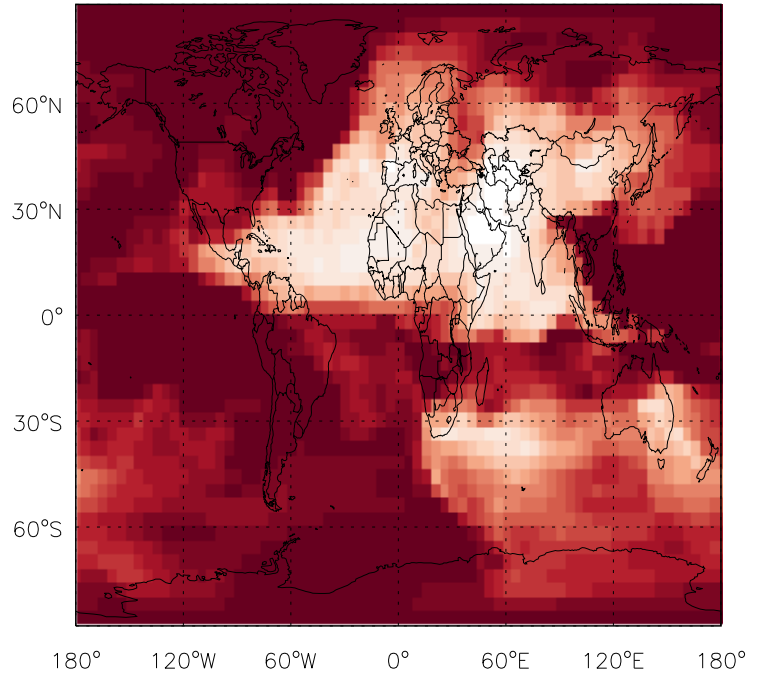
v11-01d-Run0 / v11-01b-Run0

DST4 / Ratio @ Surface for Jul



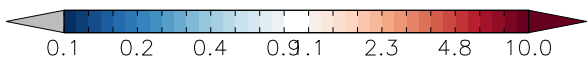
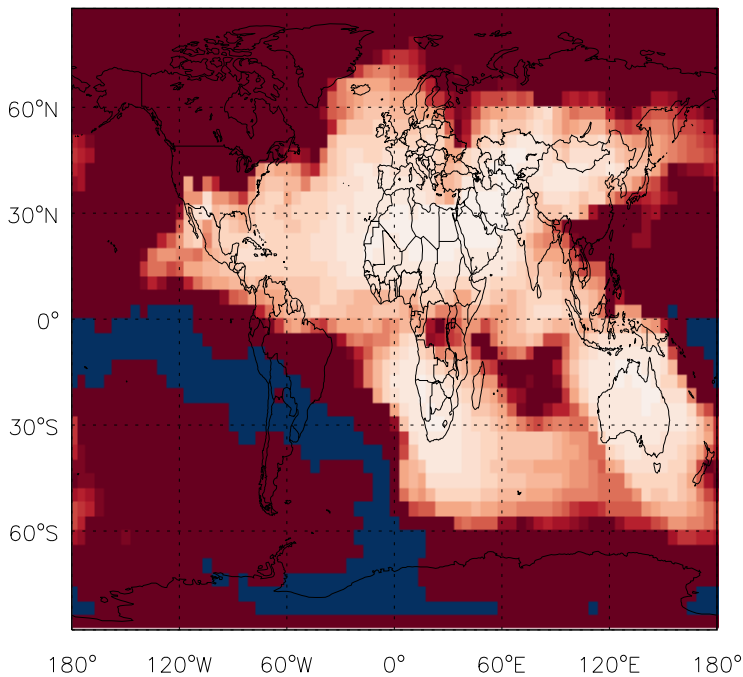
v11-01d-Run0 / v11-01b-Run0

DST4/ Ratio @ 500 hPa for Jul



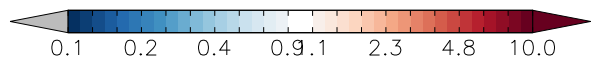
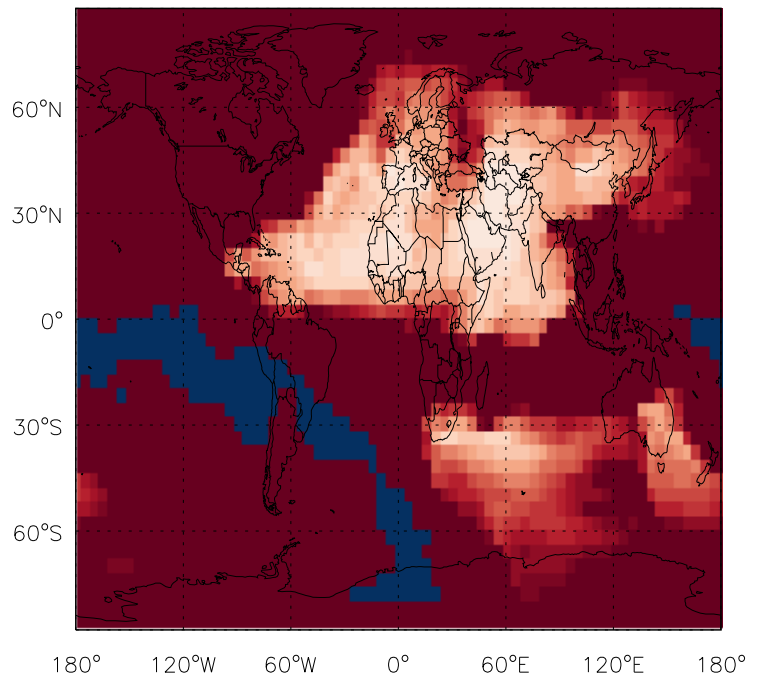
v11-01d-Run0 / v10-01-public-Run0

DST4 / Ratio @ Surface for Jul



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

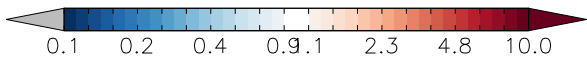
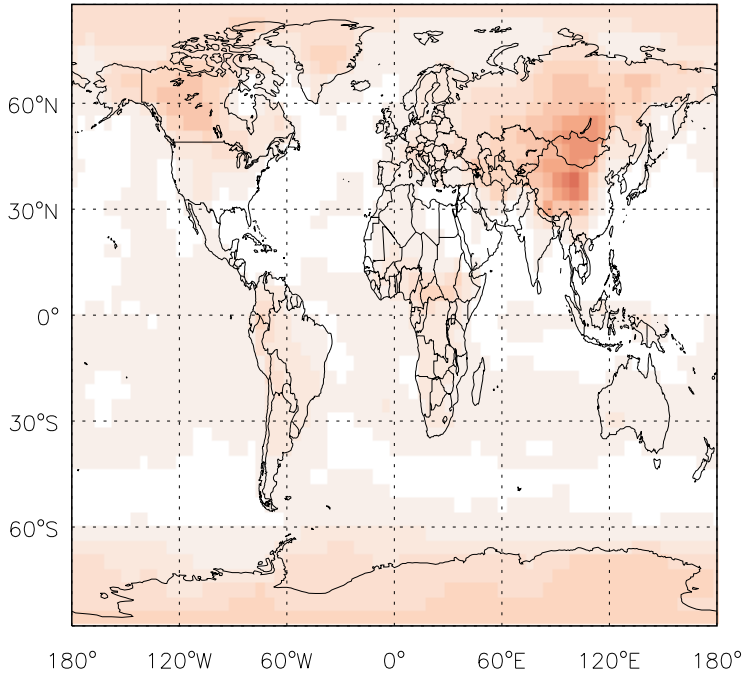
DST4/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

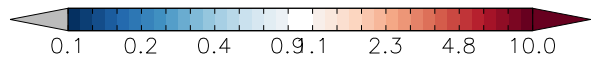
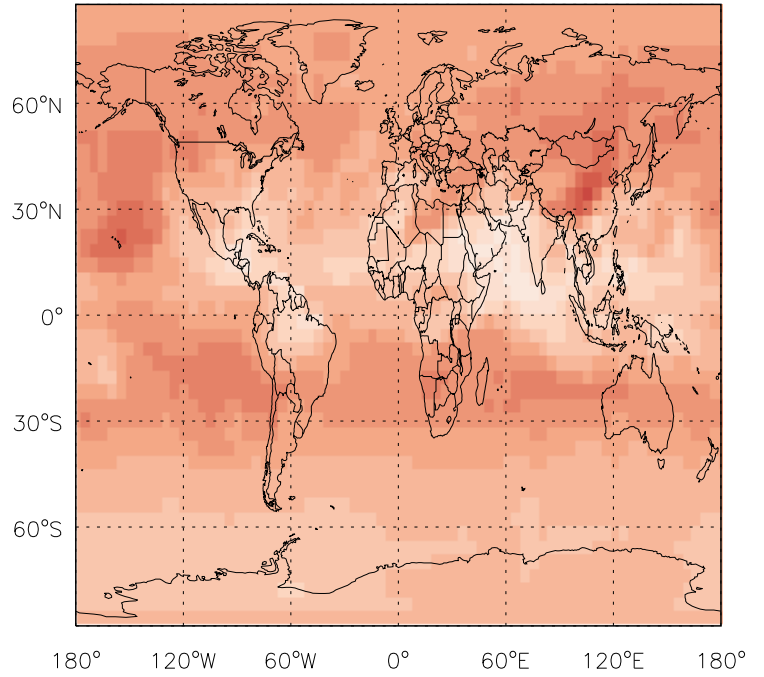
v11-01d-Run0 / v11-01b-Run0

SALA / Ratio @ Surface for Jul



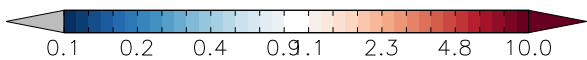
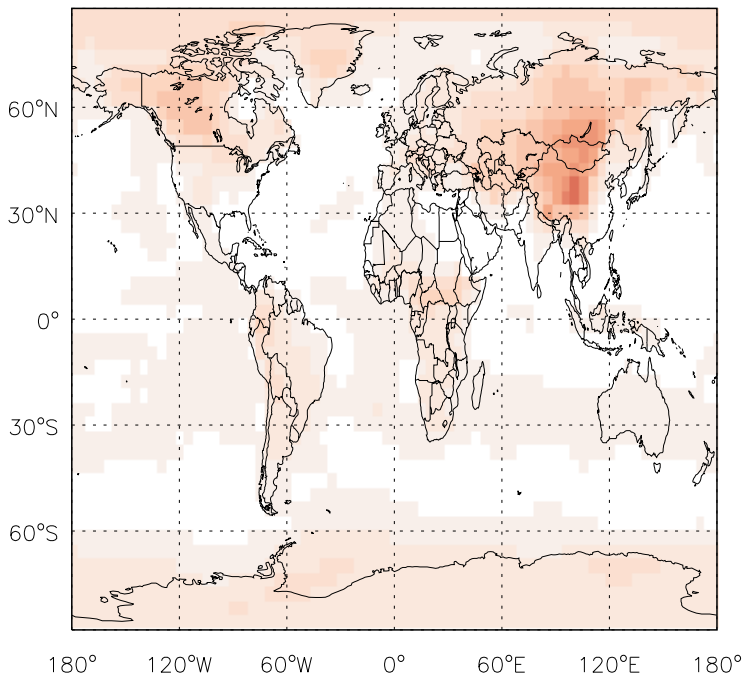
v11-01d-Run0 / v11-01b-Run0

SALA/ Ratio @ 500 hPa for Jul



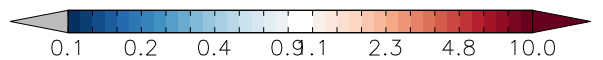
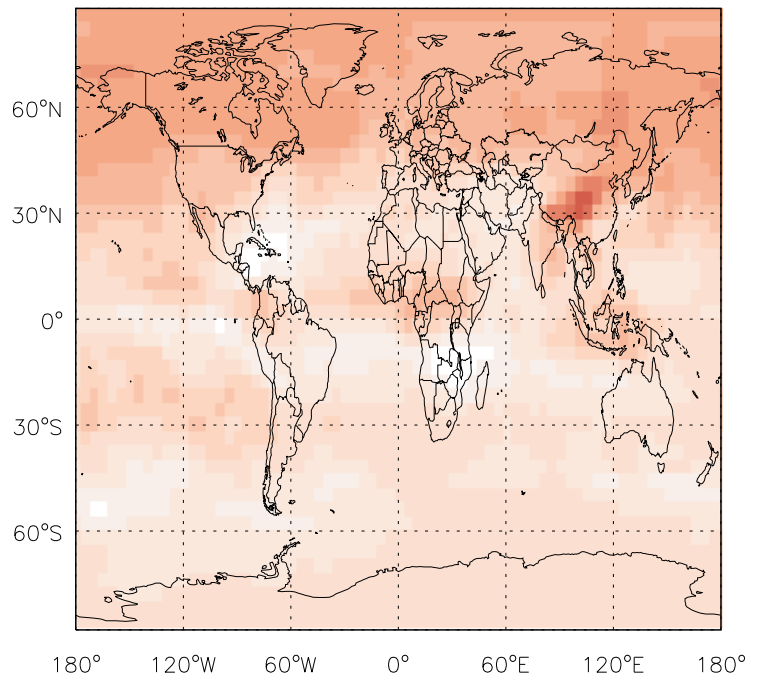
v11-01d-Run0 / v10-01-public-Run0

SALA / Ratio @ Surface for Jul



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

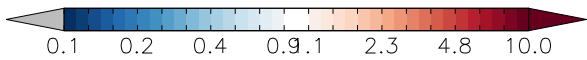
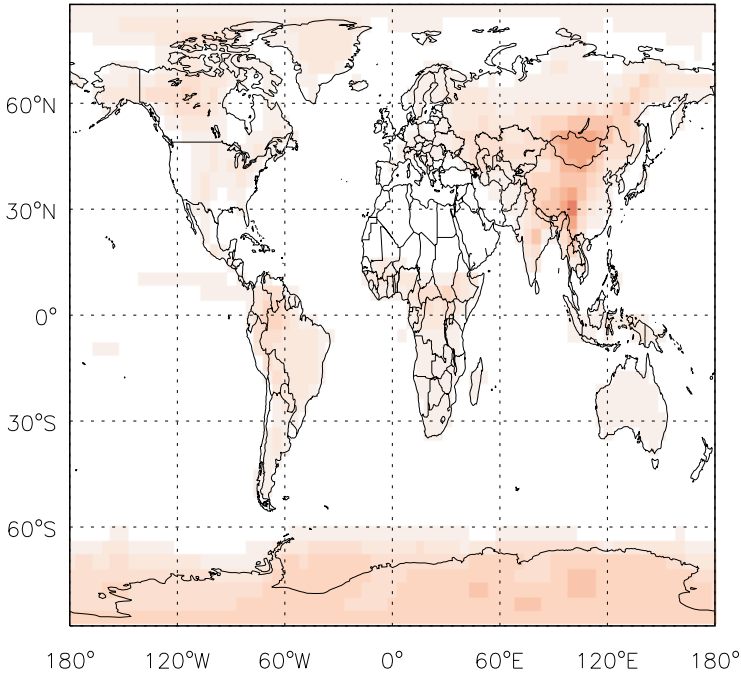
SALA/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

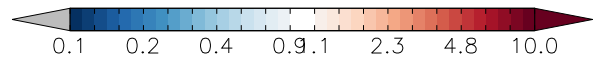
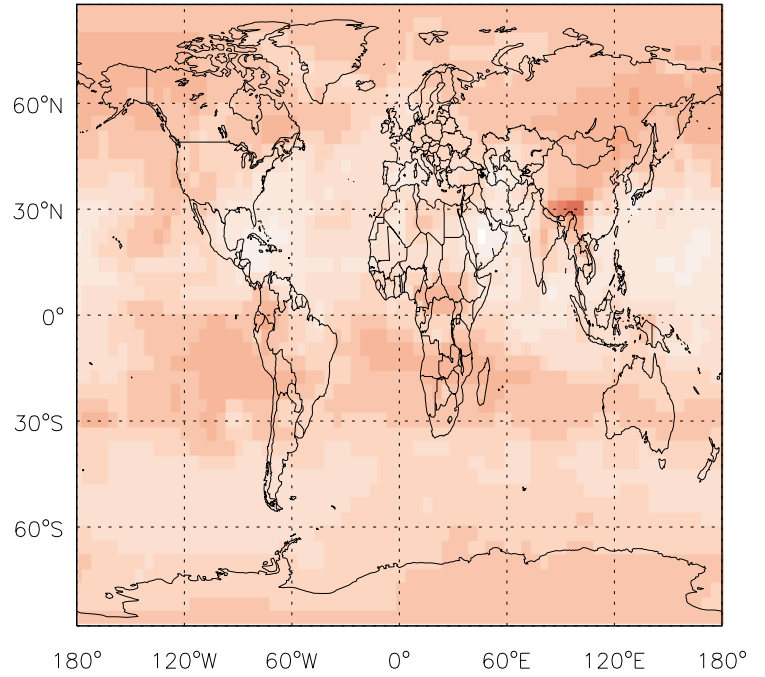
v11-01d-Run0 / v11-01b-Run0

SALC / Ratio @ Surface for Jul



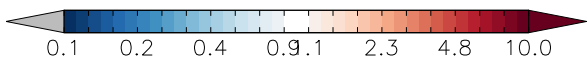
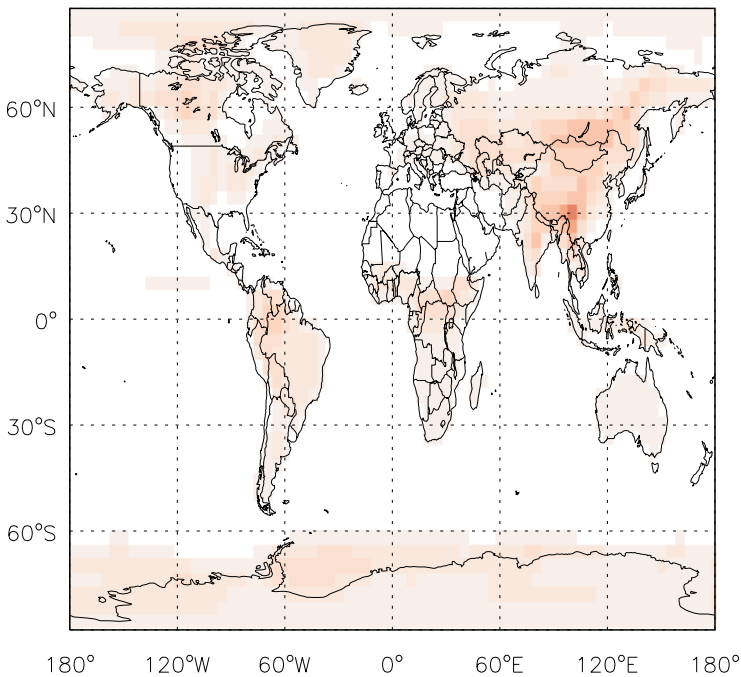
v11-01d-Run0 / v11-01b-Run0

SALC / Ratio @ 500 hPa for Jul



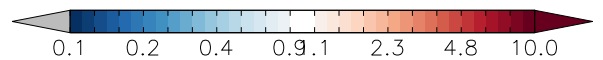
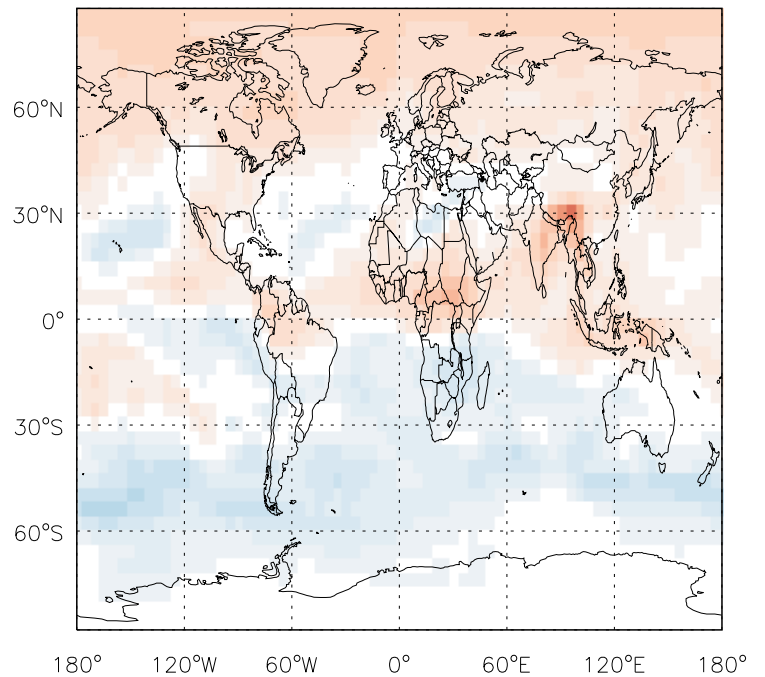
v11-01d-Run0 / v10-01-public-Run0

SALC / Ratio @ Surface for Jul



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

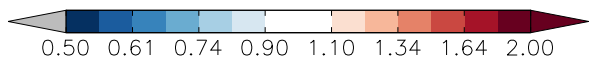
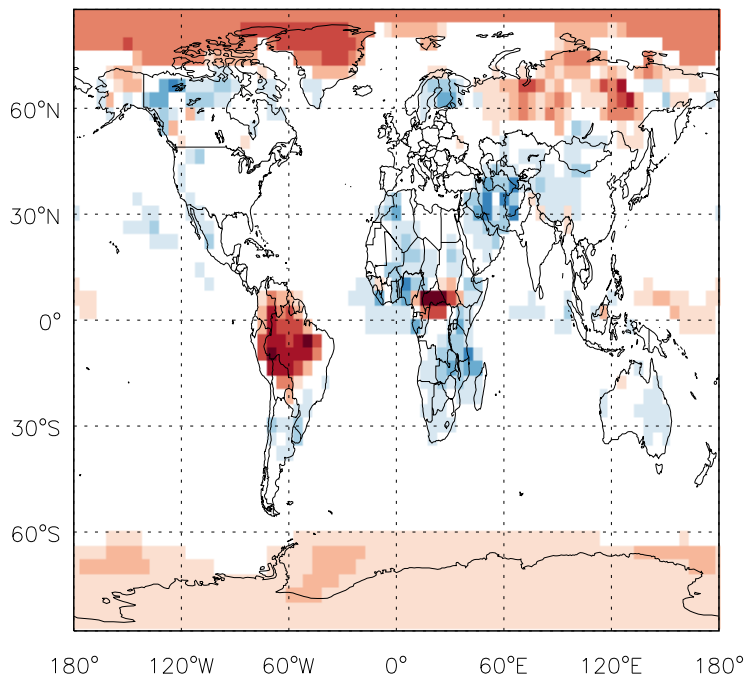
SALC / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

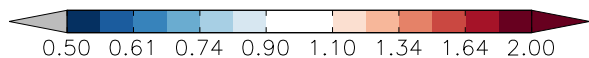
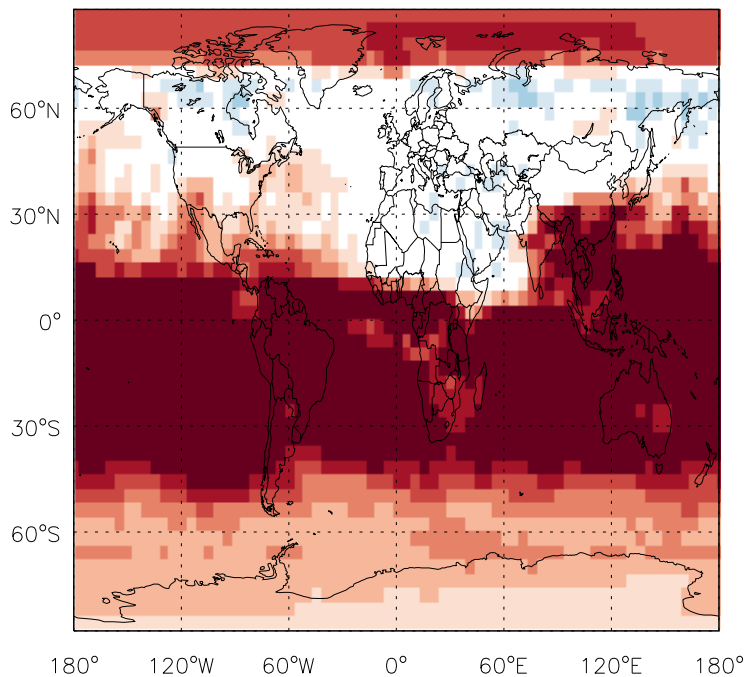
v11-01d-Run0 / v11-01b-Run0

Br2 / Ratio @ Surface for Jul



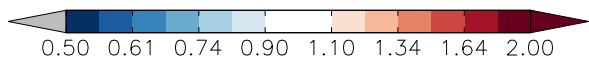
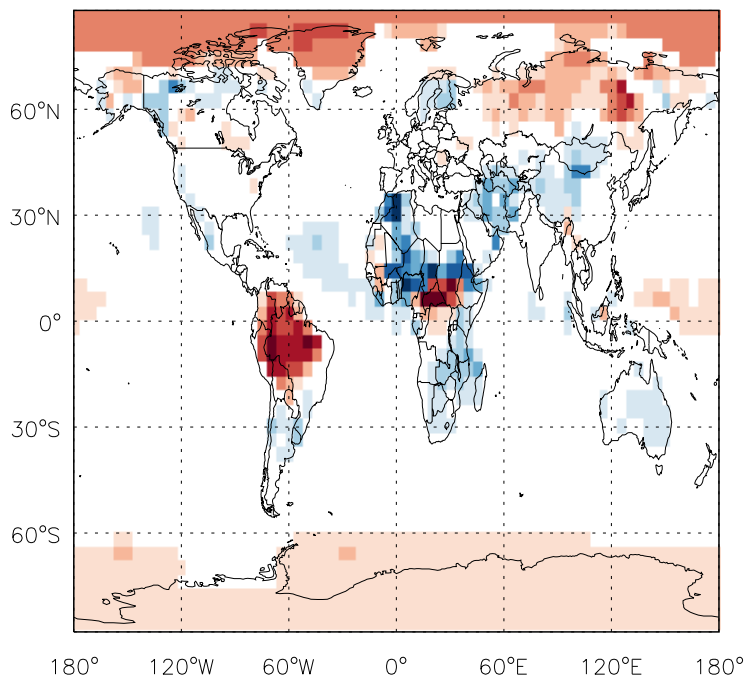
v11-01d-Run0 / v11-01b-Run0

Br2 / Ratio @ 500 hPa for Jul



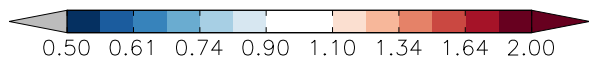
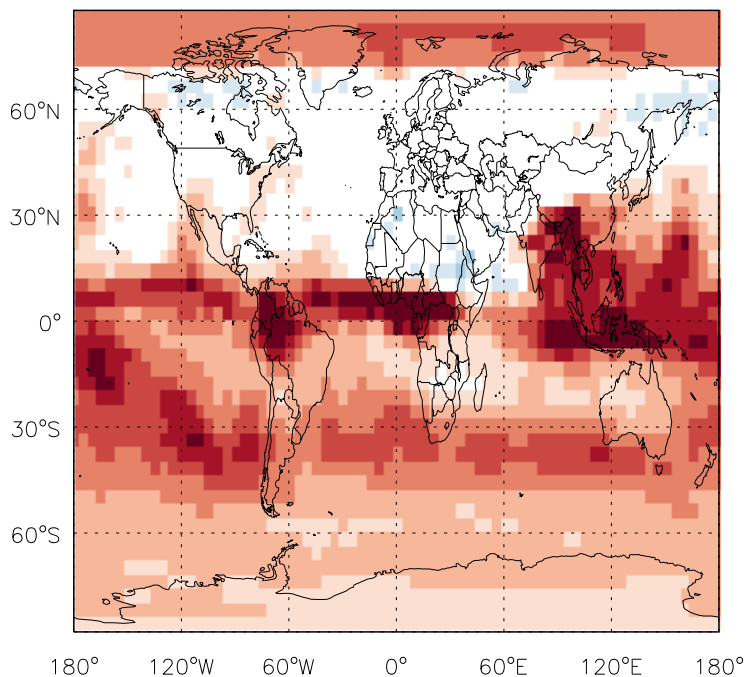
v11-01d-Run0 / v10-01-public-Run0

Br2 / Ratio @ Surface for Jul



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

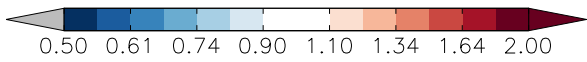
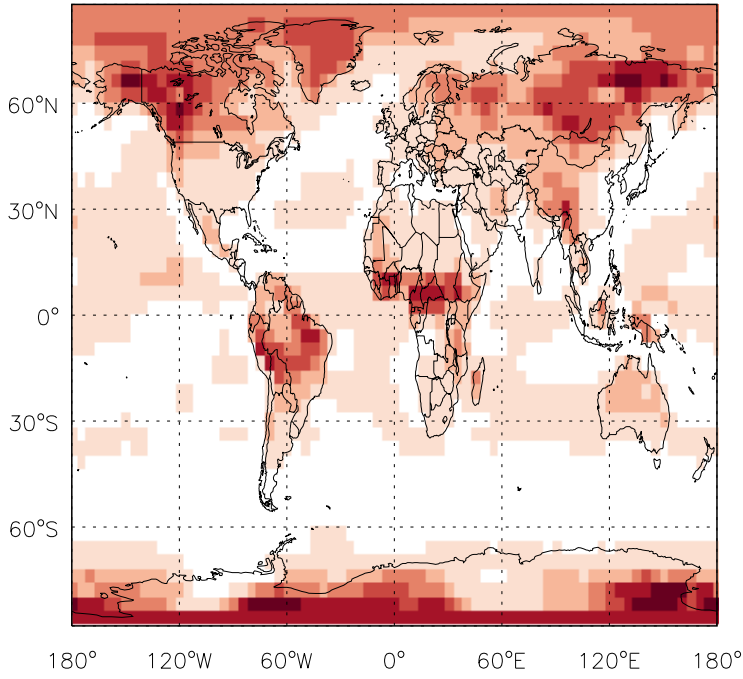
Br2 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

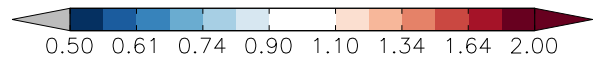
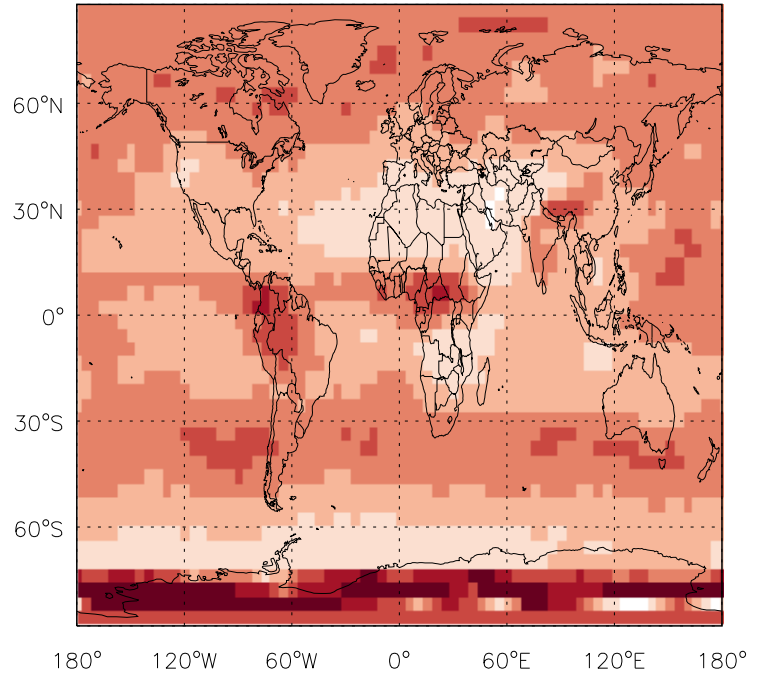
v11-01d-Run0 / v11-01b-Run0

Br / Ratio @ Surface for Jul



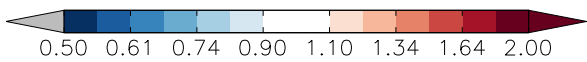
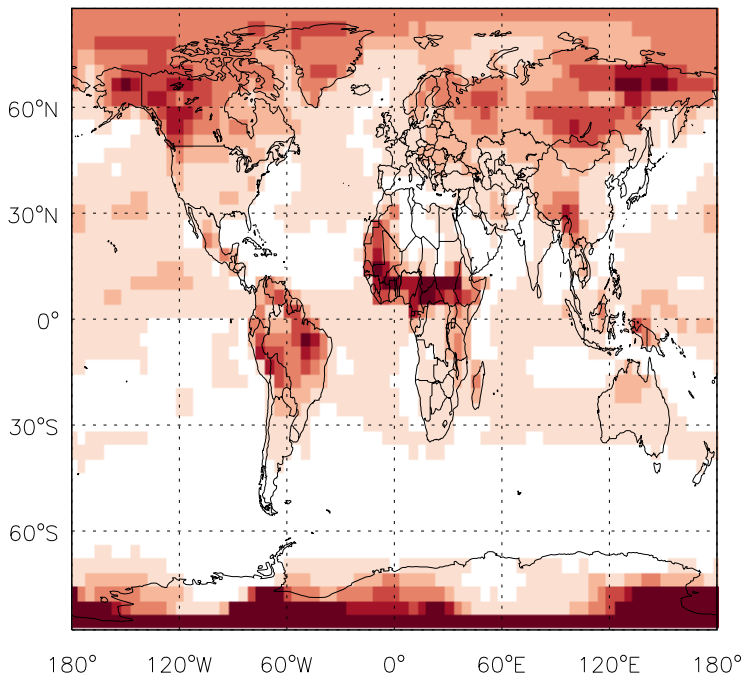
v11-01d-Run0 / v11-01b-Run0

Br / Ratio @ 500 hPa for Jul



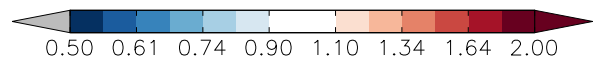
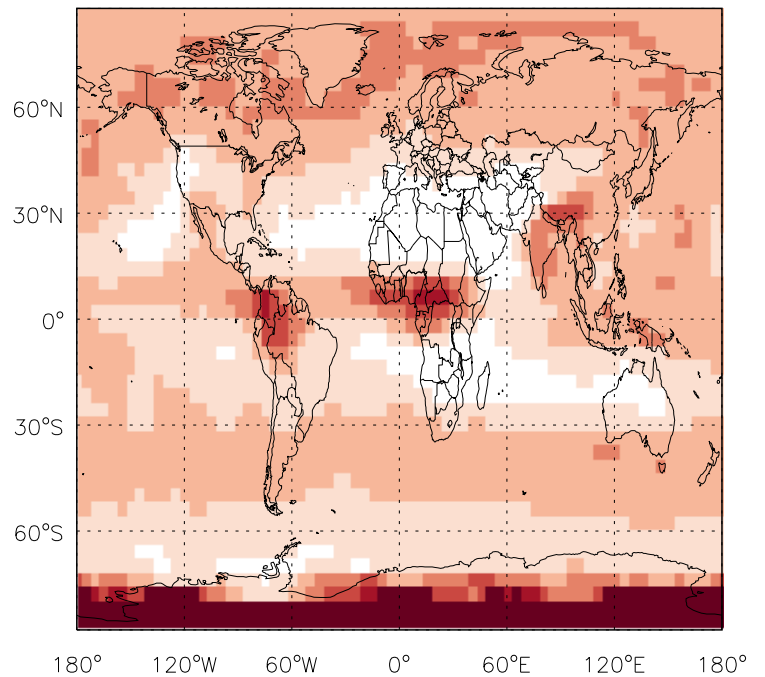
v11-01d-Run0 / v10-01-public-Run0

Br / Ratio @ Surface for Jul



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

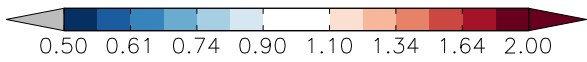
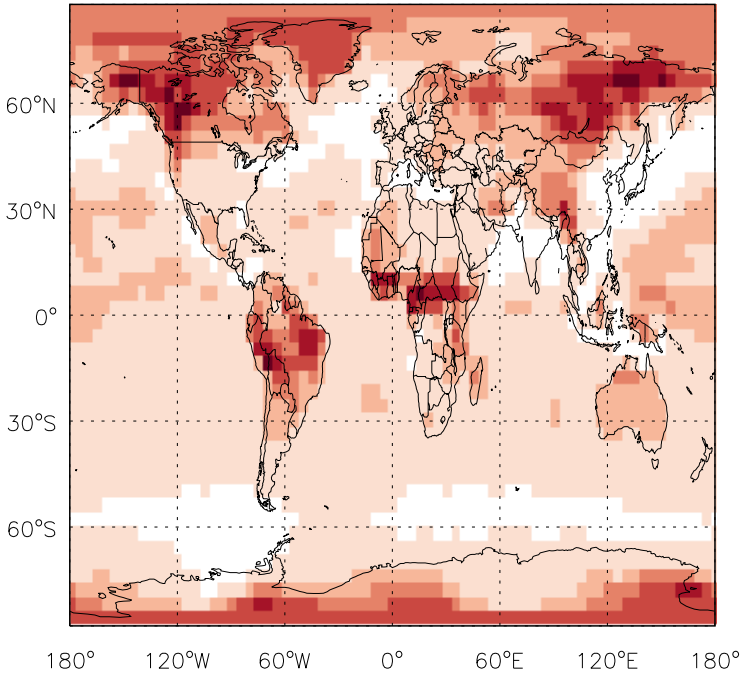
Br / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

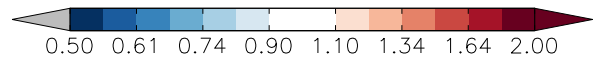
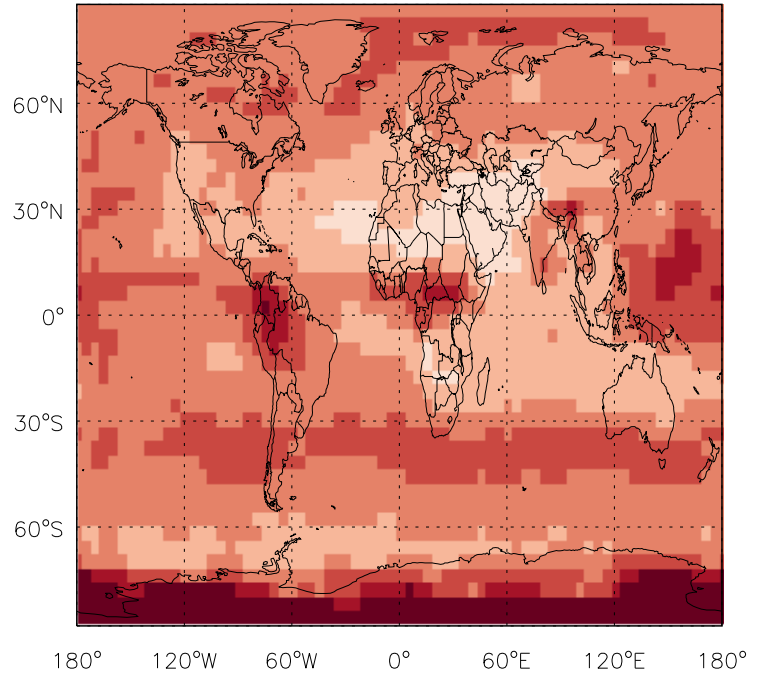
v11-01d-Run0 / v11-01b-Run0

BrO / Ratio @ Surface for Jul



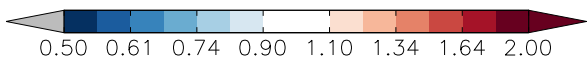
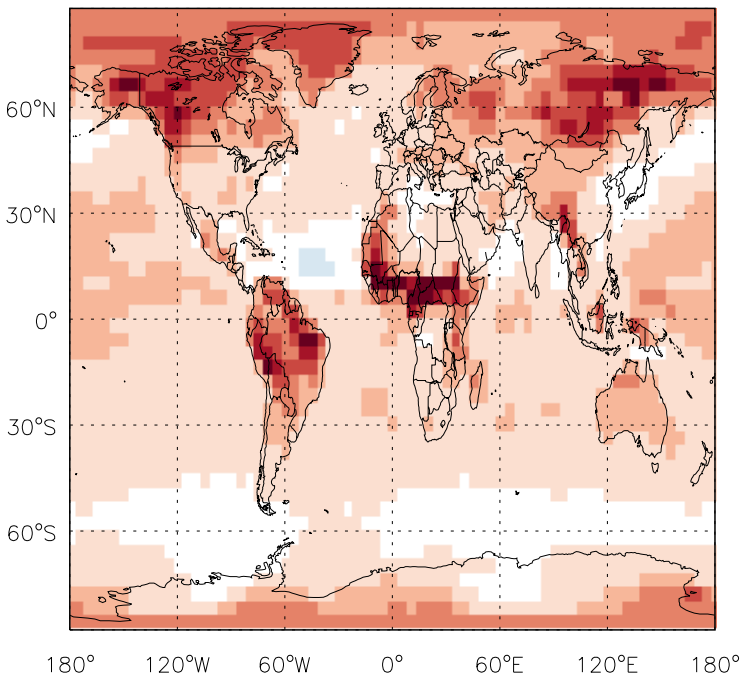
v11-01d-Run0 / v11-01b-Run0

BrO / Ratio @ 500 hPa for Jul



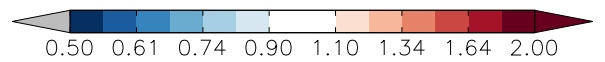
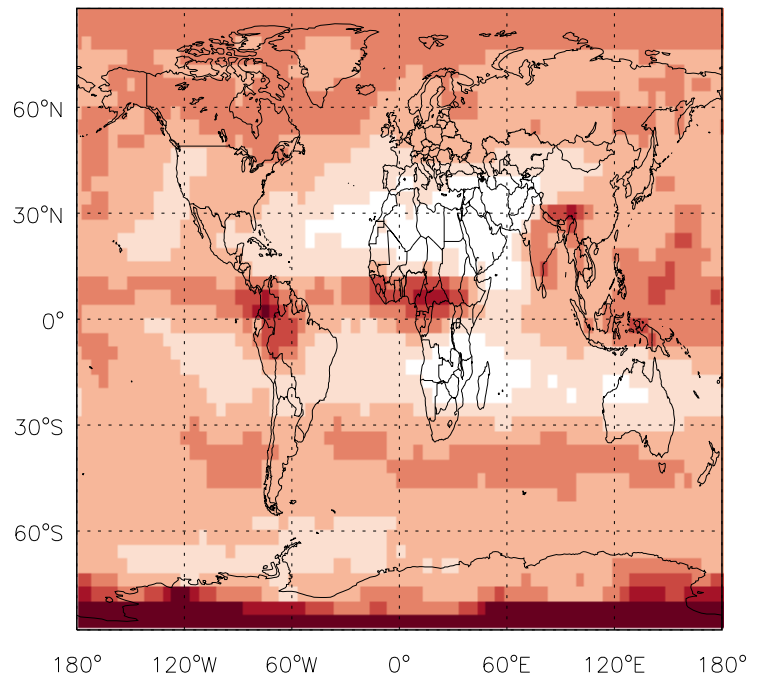
v11-01d-Run0 / v10-01-public-Run0

BrO / Ratio @ Surface for Jul



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

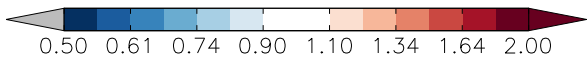
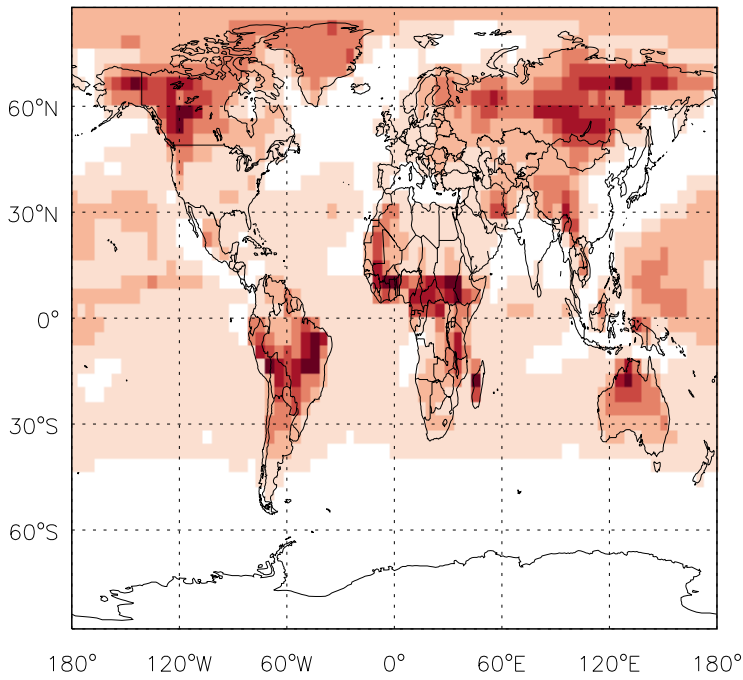
BrO / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

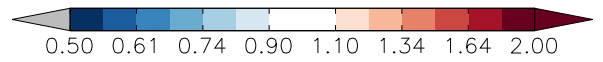
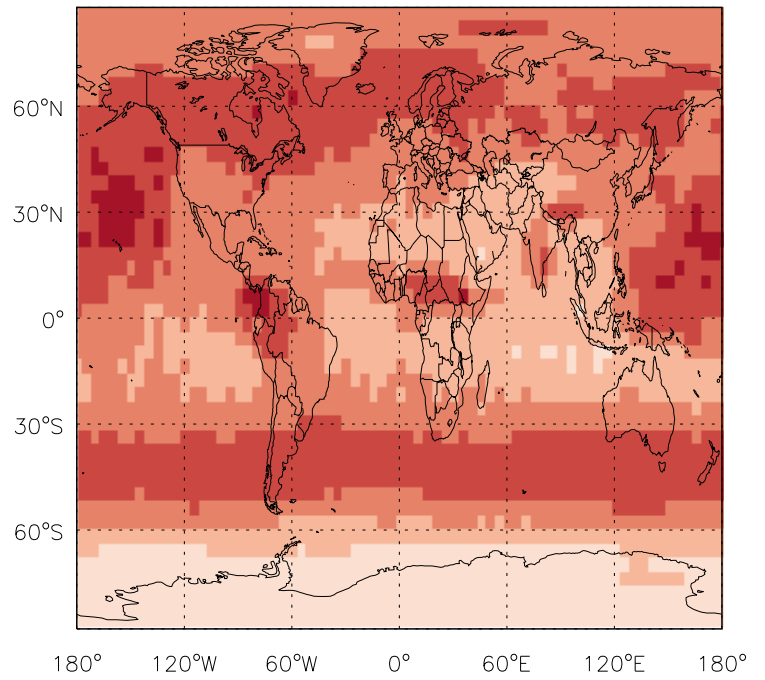
v11-01d-Run0 / v11-01b-Run0

H0Br / Ratio @ Surface for Jul



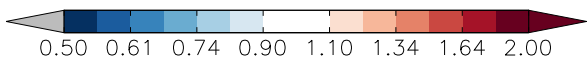
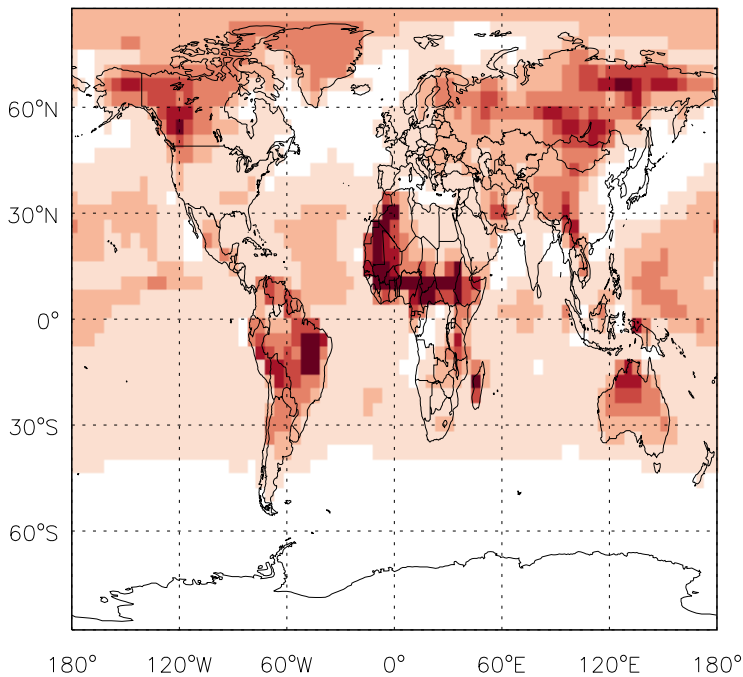
v11-01d-Run0 / v11-01b-Run0

H0Br/ Ratio @ 500 hPa for Jul



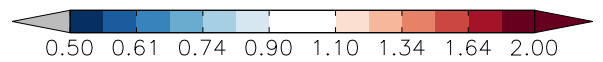
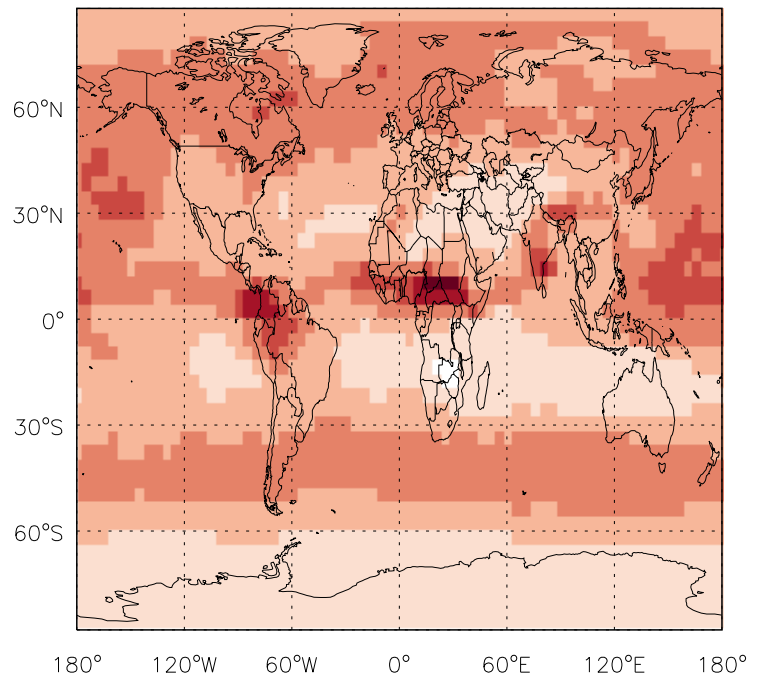
v11-01d-Run0 / v10-01-public-Run0

H0Br / Ratio @ Surface for Jul



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

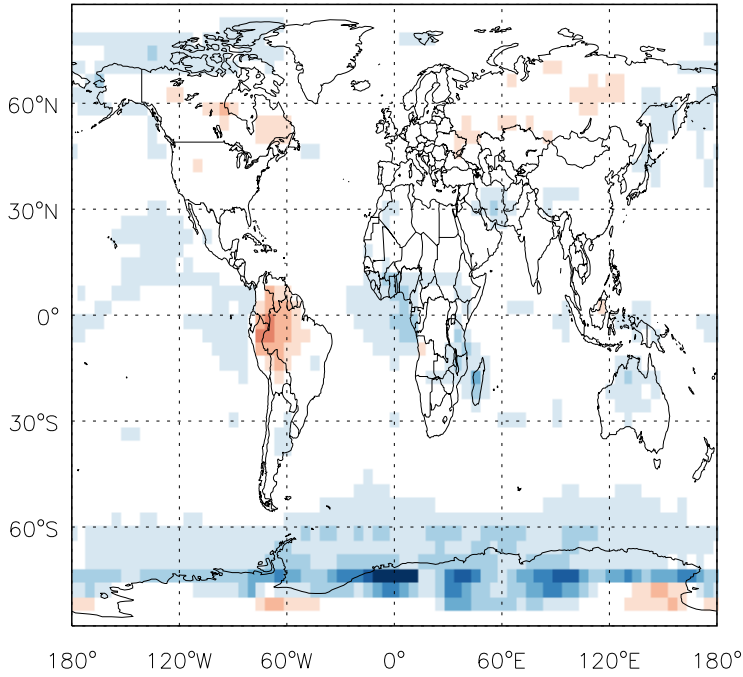
H0Br/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

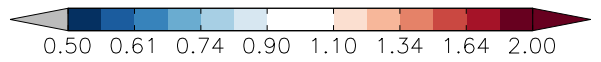
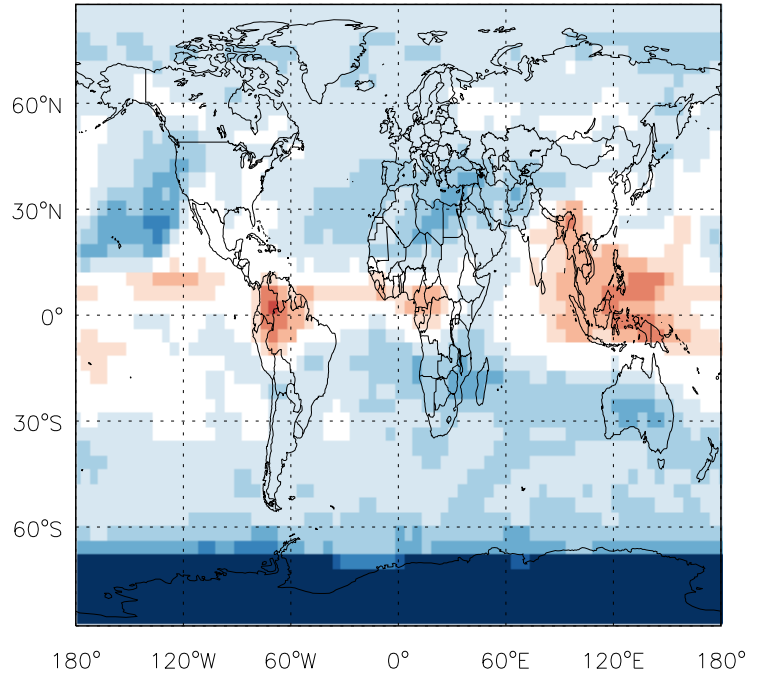
v11-01d-Run0 / v11-01b-Run0

HBr / Ratio @ Surface for Jul



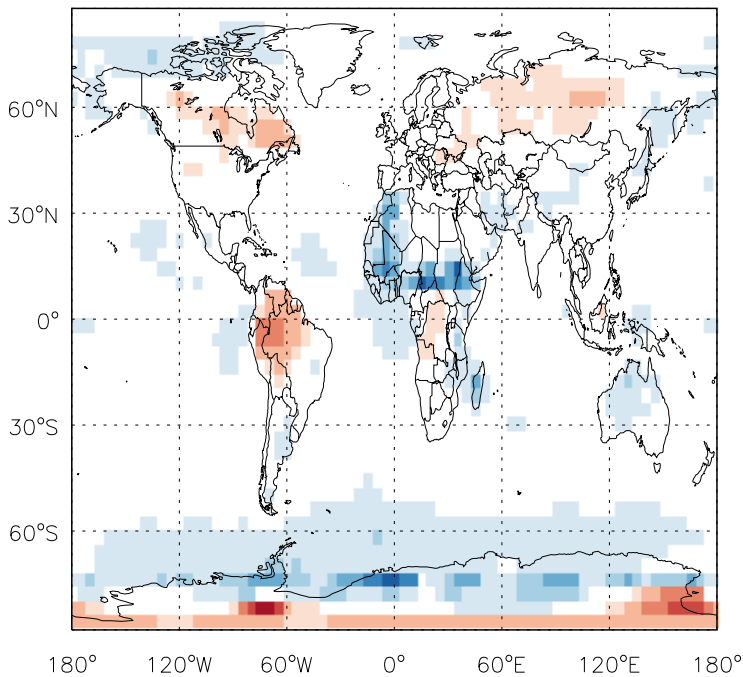
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HBr / Ratio @ 500 hPa for Jul



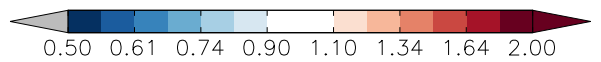
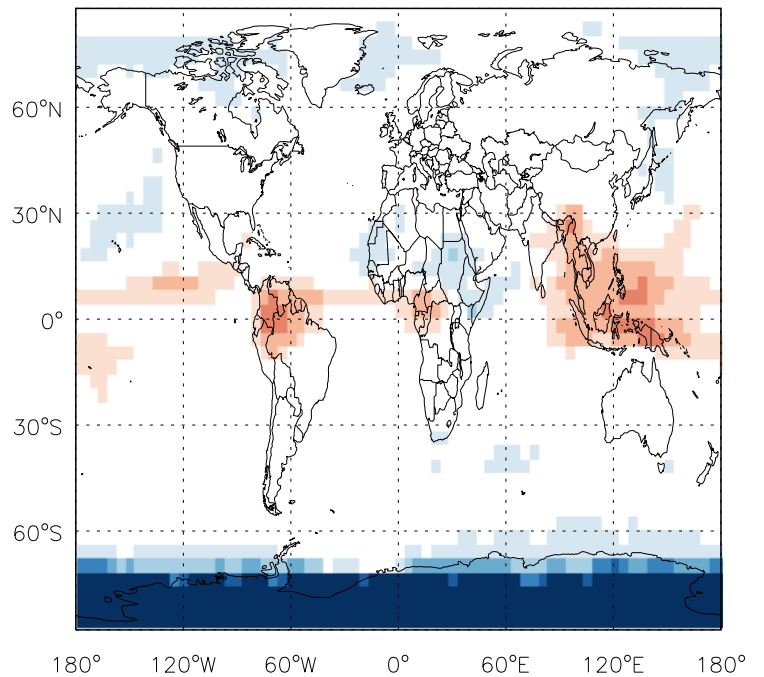
v11-01d-Run0 / v10-01-public-Run0

HBr / Ratio @ Surface for Jul



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

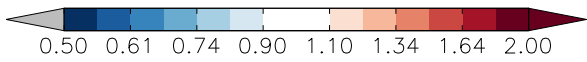
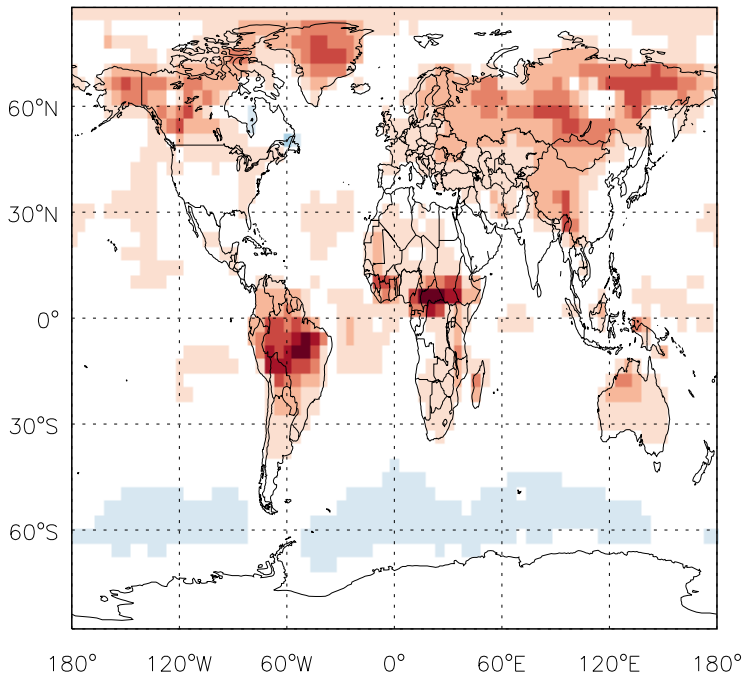
HBr / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

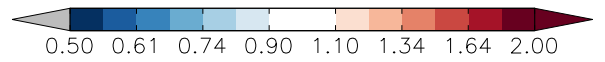
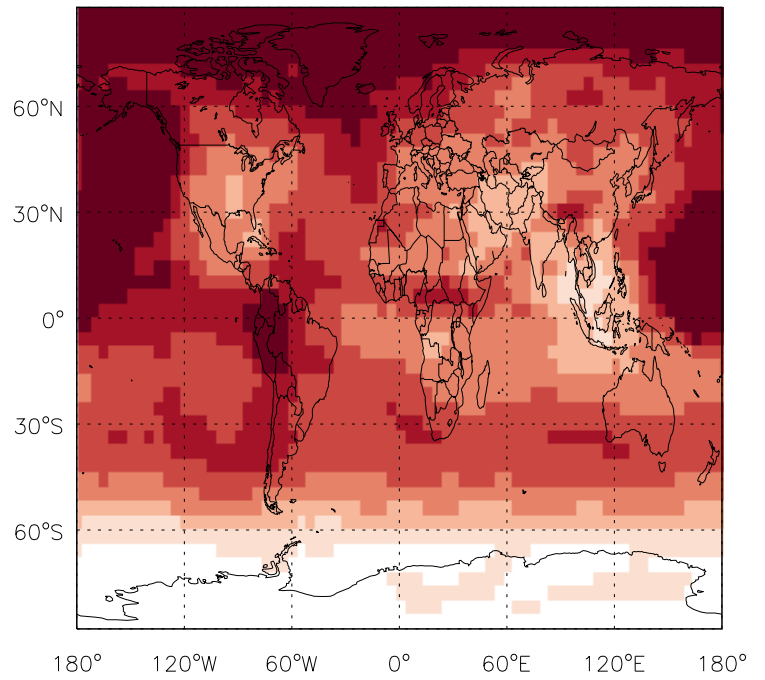
v11-01d-Run0 / v11-01b-Run0

BrNO2 / Ratio @ Surface for Jul



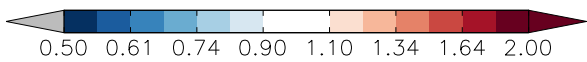
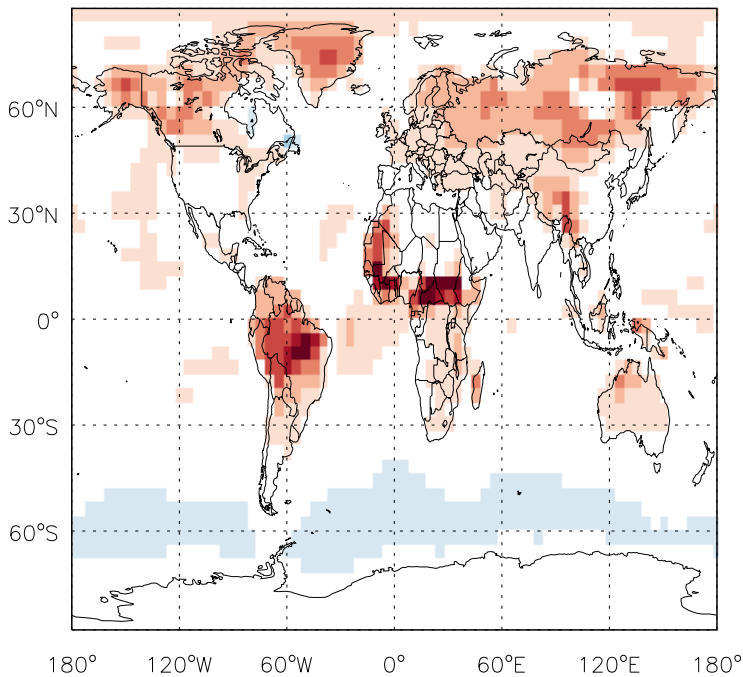
v11-01d-Run0 / v11-01b-Run0

BrNO2/ Ratio @ 500 hPa for Jul



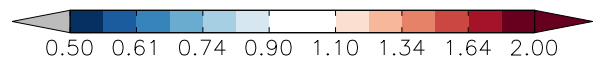
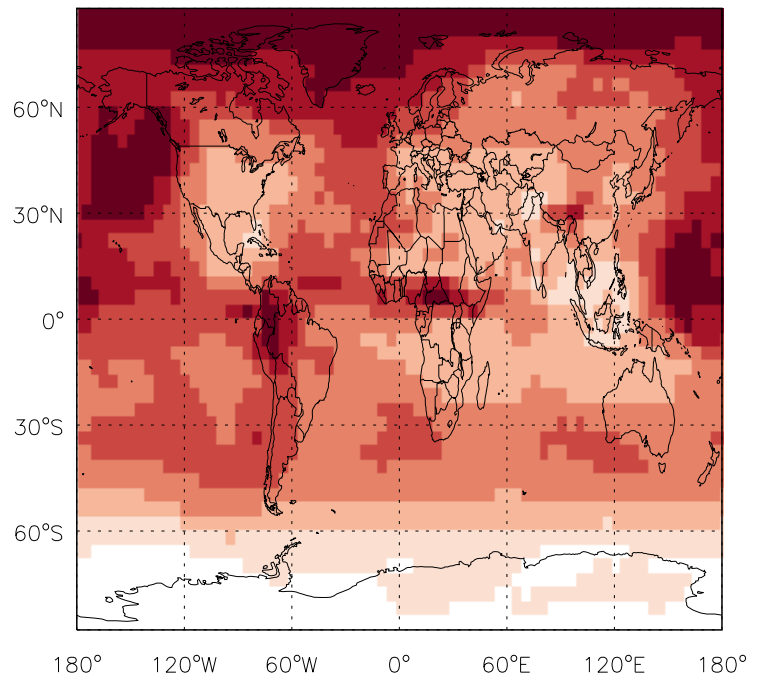
v11-01d-Run0 / v10-01-public-Run0

BrNO2 / Ratio @ Surface for Jul



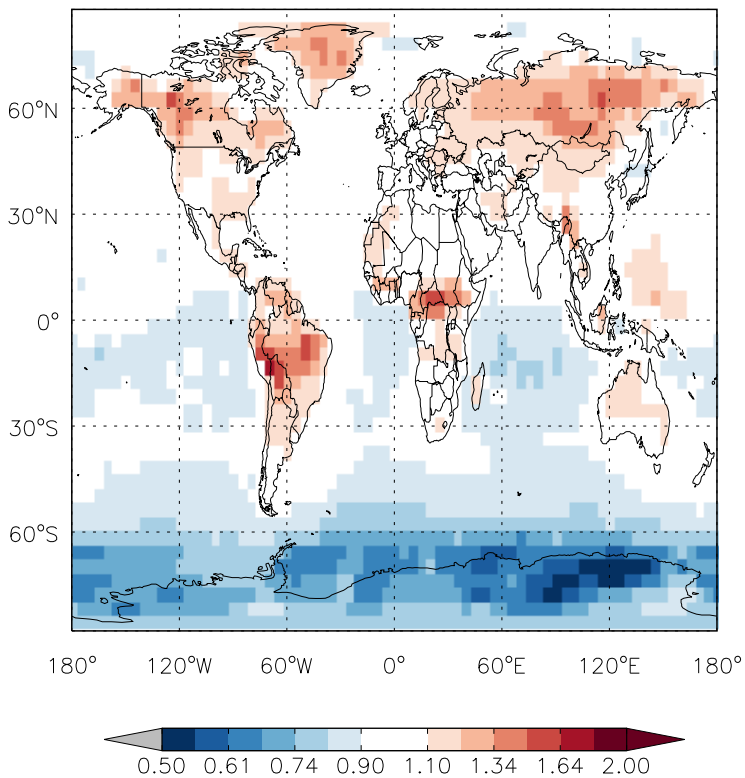
v11-01d-Run0 / v10-01-public-Run0

BrNO2/ Ratio @ 500 hPa for Jul

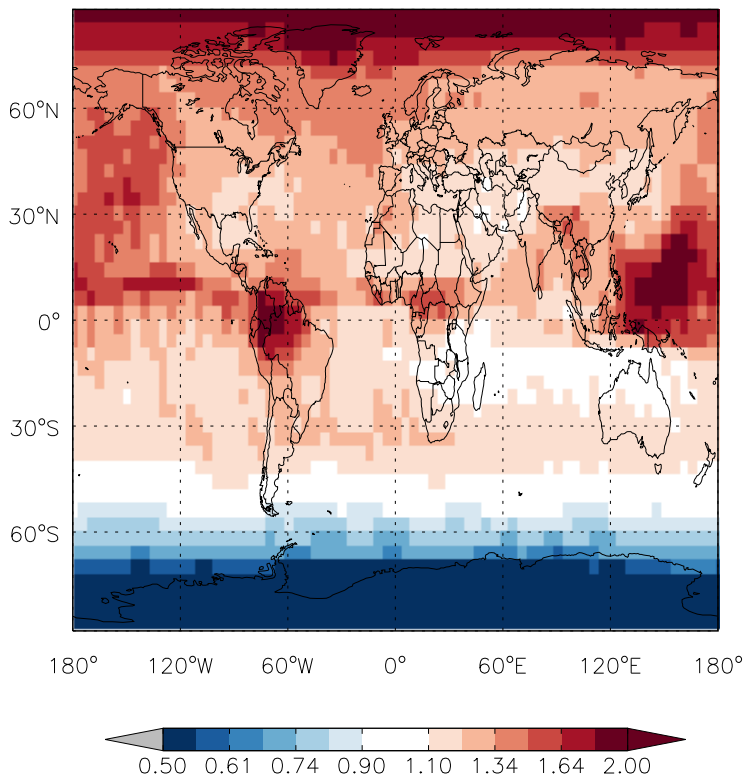


GEOS-Chem Ratio Maps at surface and 500 hPa

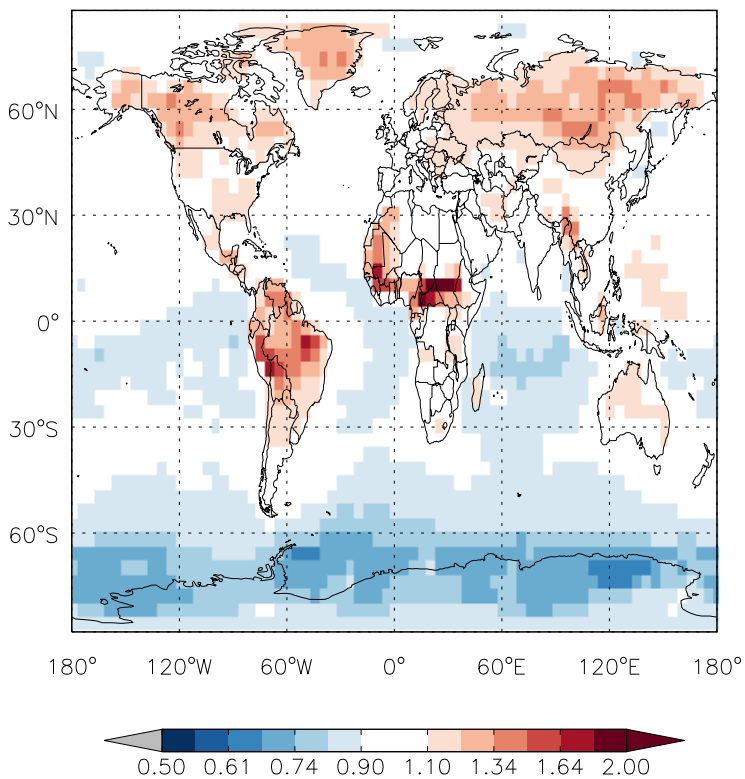
v11-01d-Run0 / v11-01b-Run0
BrNO3 / Ratio @ Surface for Jul



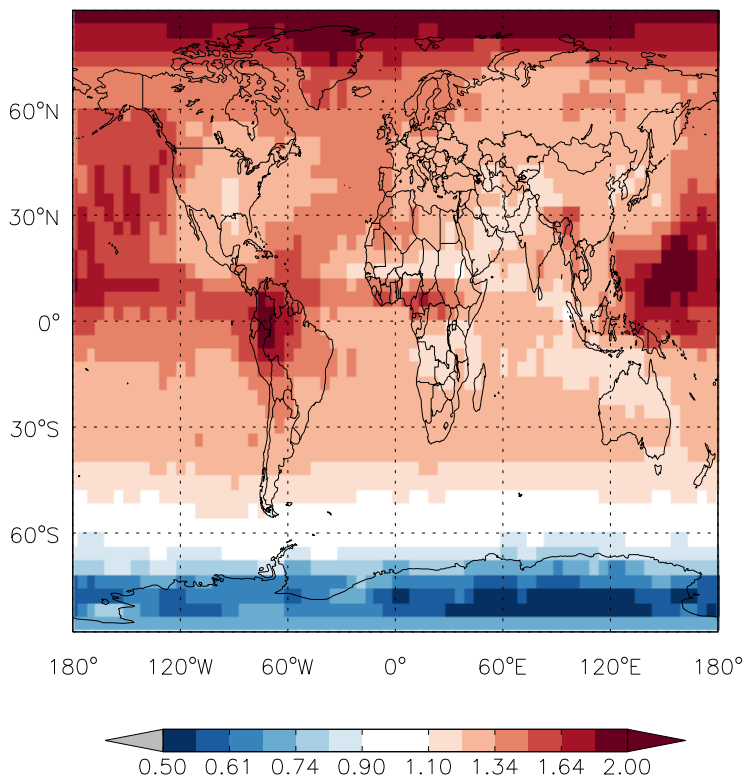
v11-01d-Run0 / v11-01b-Run0
BrNO3/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
BrNO3 / Ratio @ Surface for Jul

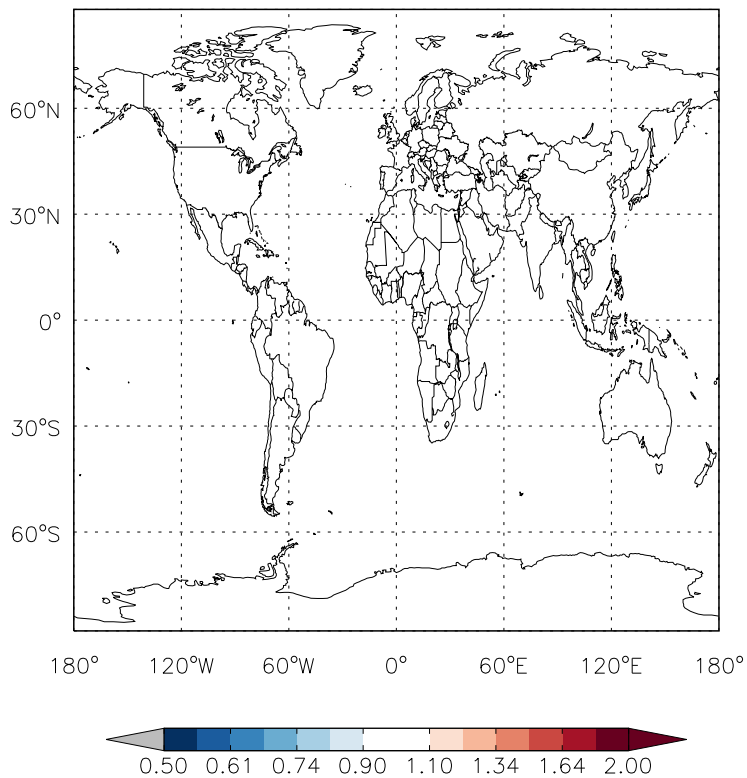


v11-01d-Run0 / v10-01-public-Run0
BrNO3/ Ratio @ 500 hPa for Jul

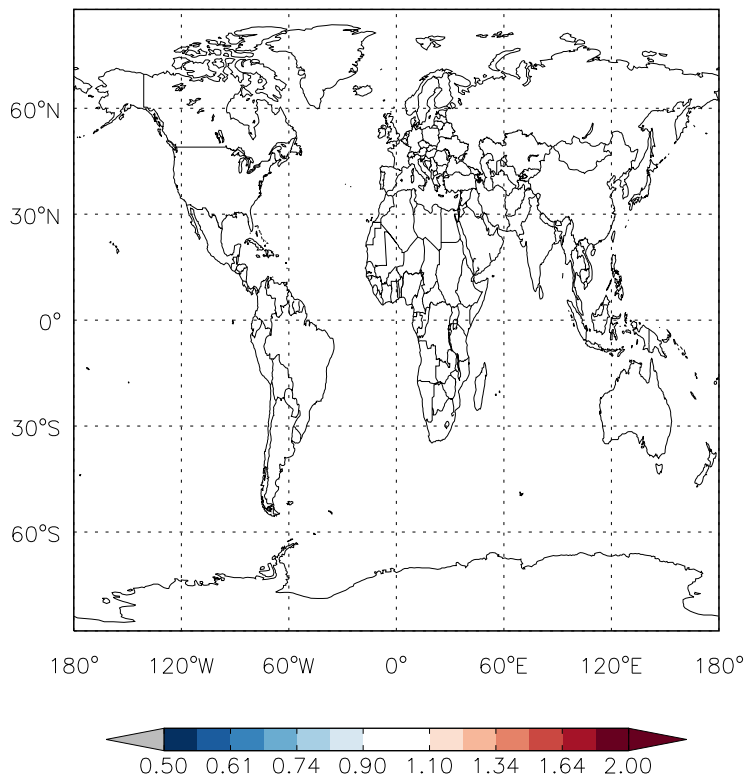


GEOS-Chem Ratio Maps at surface and 500 hPa

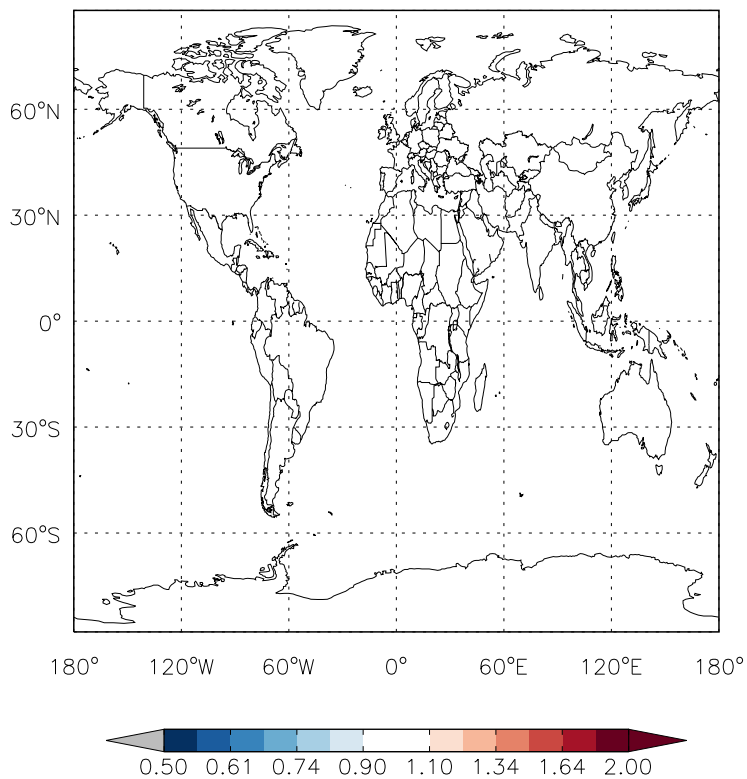
v11-01d-Run0 / v11-01b-Run0
CHBr3 / Ratio @ Surface for Jul



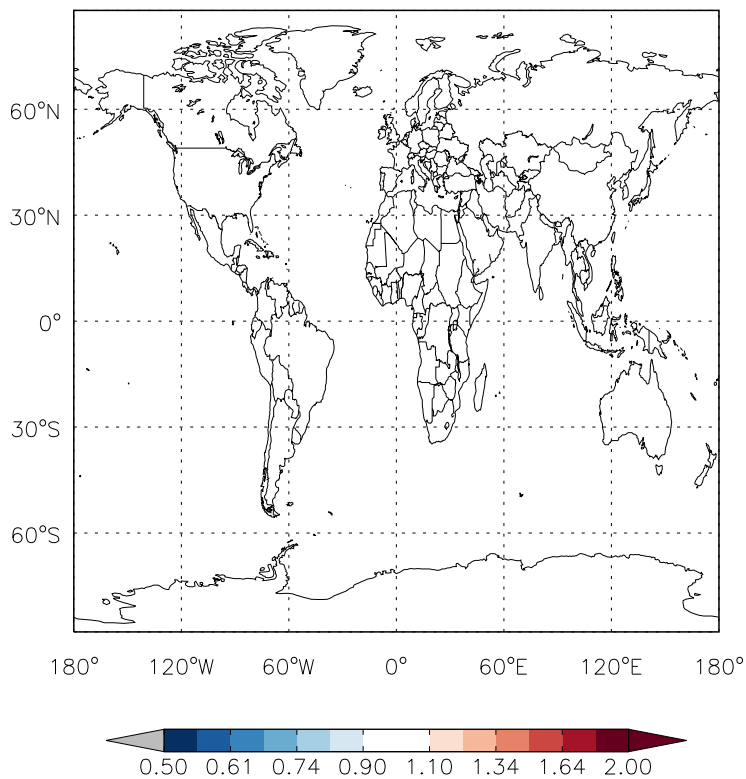
v11-01d-Run0 / v11-01b-Run0
CHBr3/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
CHBr3 / Ratio @ Surface for Jul



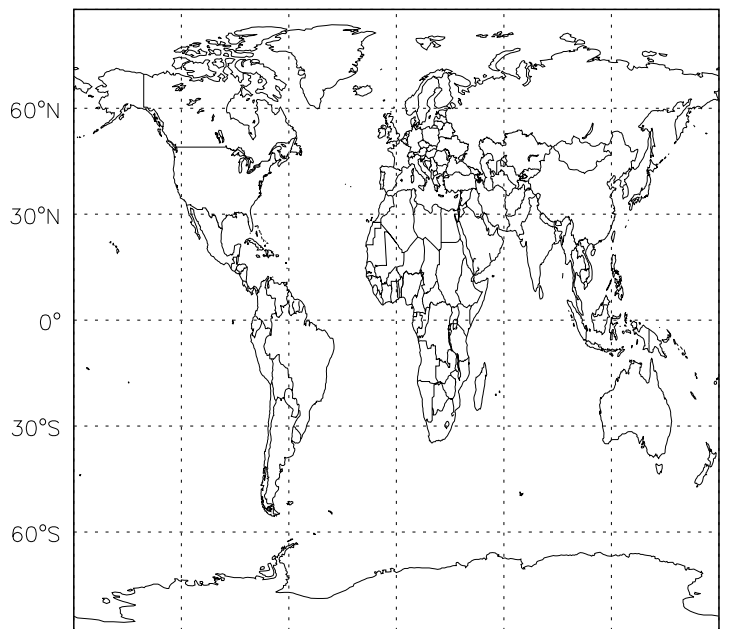
v11-01d-Run0 / v10-01-public-Run0
CHBr3/ Ratio @ 500 hPa for Jul



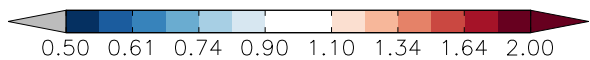
GEOS-Chem Ratio Maps at surface and 500 hPa

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

CH2Br2 / Ratio @ Surface for Jul

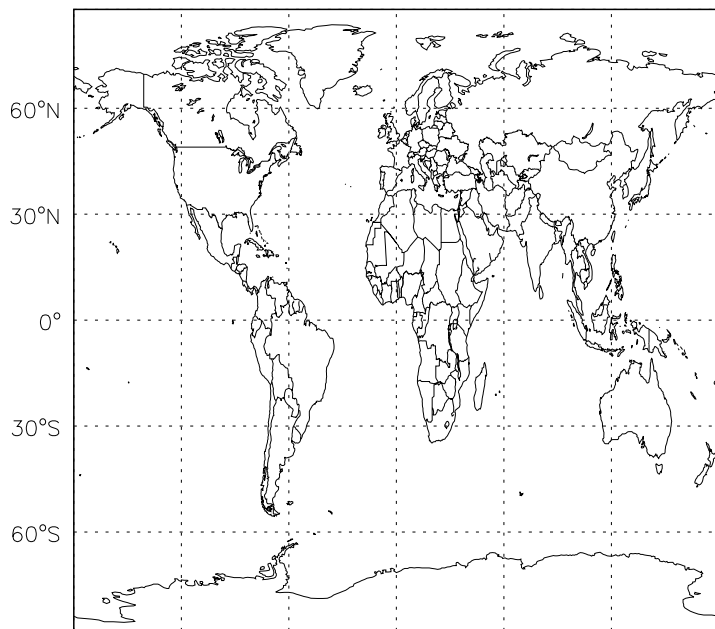


180° 120°W 60°W 0° 60°E 120°E 180°

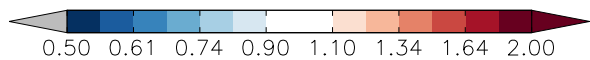


v11-01d-Run0 / v11-01b-Run0

CH2Br2/ Ratio @ 500 hPa for Jul

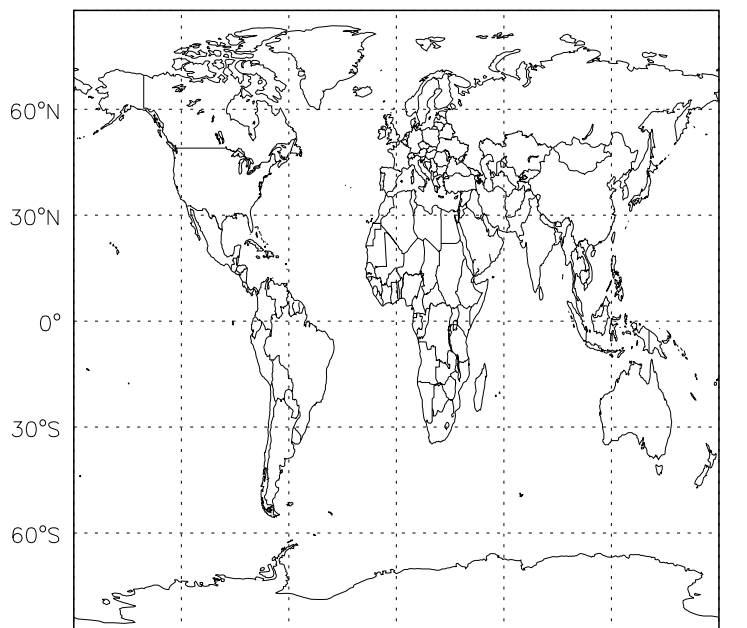


180° 120°W 60°W 0° 60°E 120°E 180°

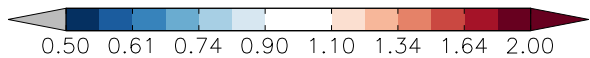


v11-01d-Run0 / v10-01-public-Run0

CH2Br2 / Ratio @ Surface for Jul

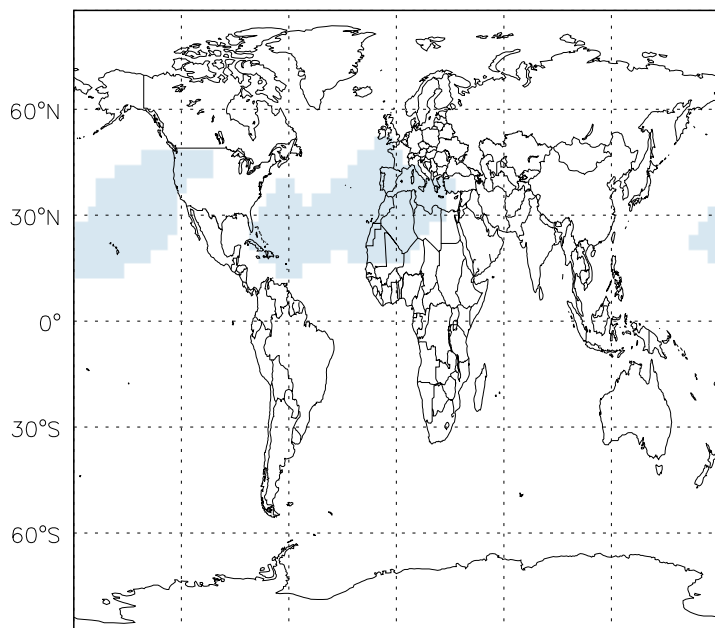


180° 120°W 60°W 0° 60°E 120°E 180°

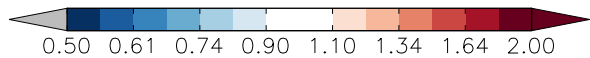


v11-01d-Run0 / v10-01-public-Run0

CH2Br2/ Ratio @ 500 hPa for Jul



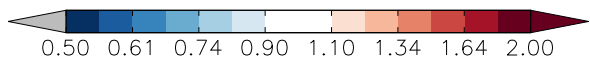
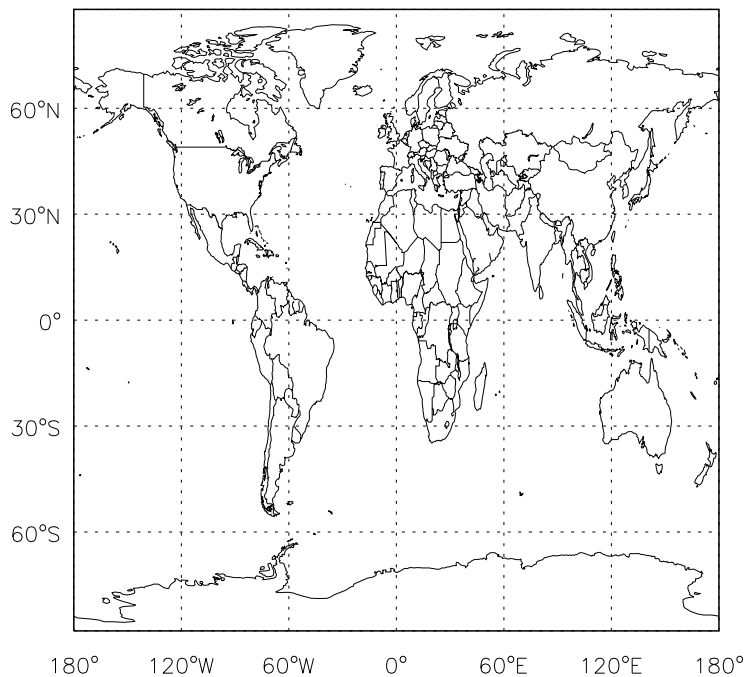
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

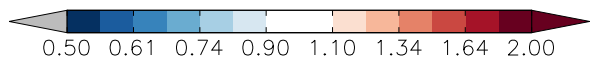
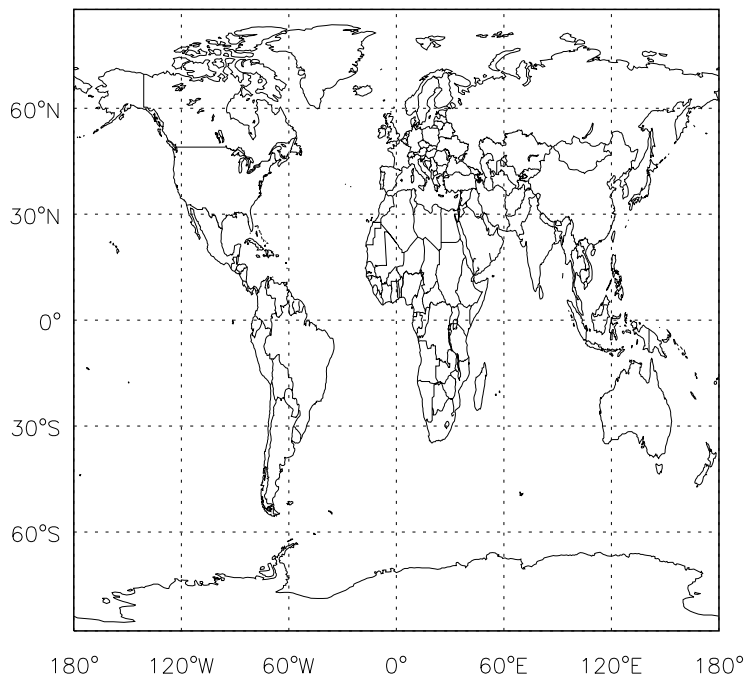
v11-01d-Run0 / v11-01b-Run0

CH3Br / Ratio @ Surface for Jul



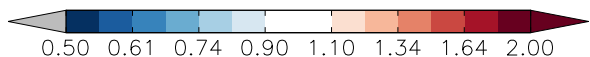
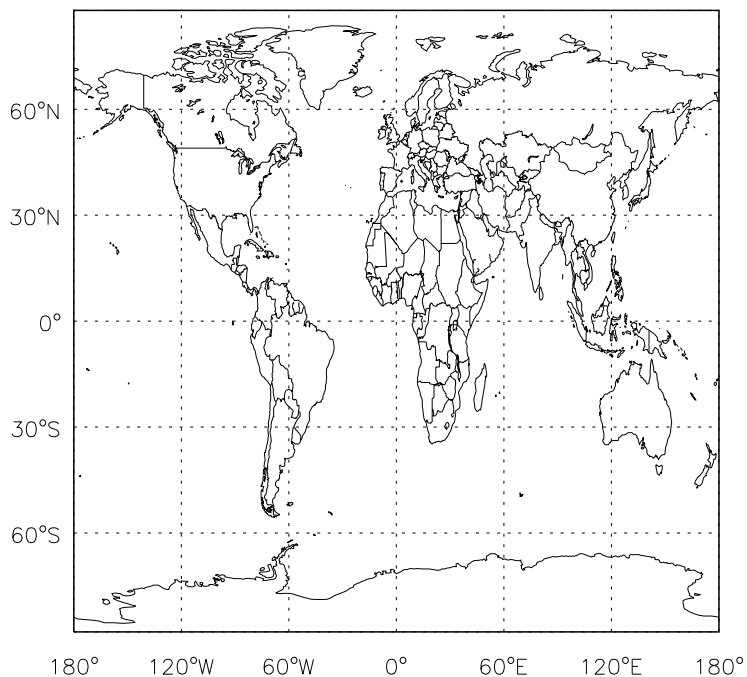
v11-01d-Run0 / v11-01b-Run0

CH3Br/ Ratio @ 500 hPa for Jul



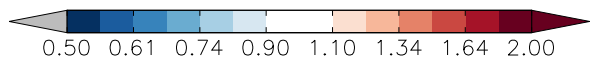
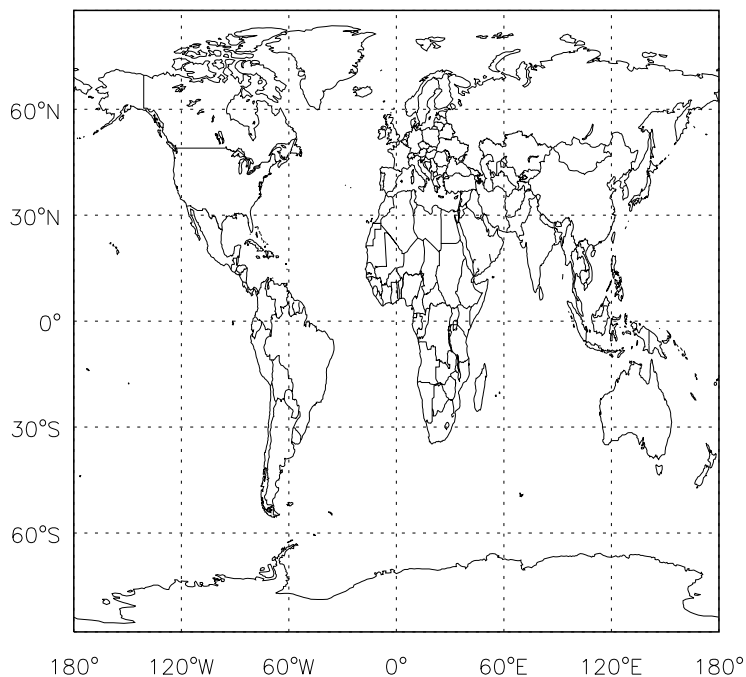
v11-01d-Run0 / v10-01-public-Run0

CH3Br / Ratio @ Surface for Jul



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

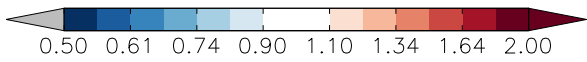
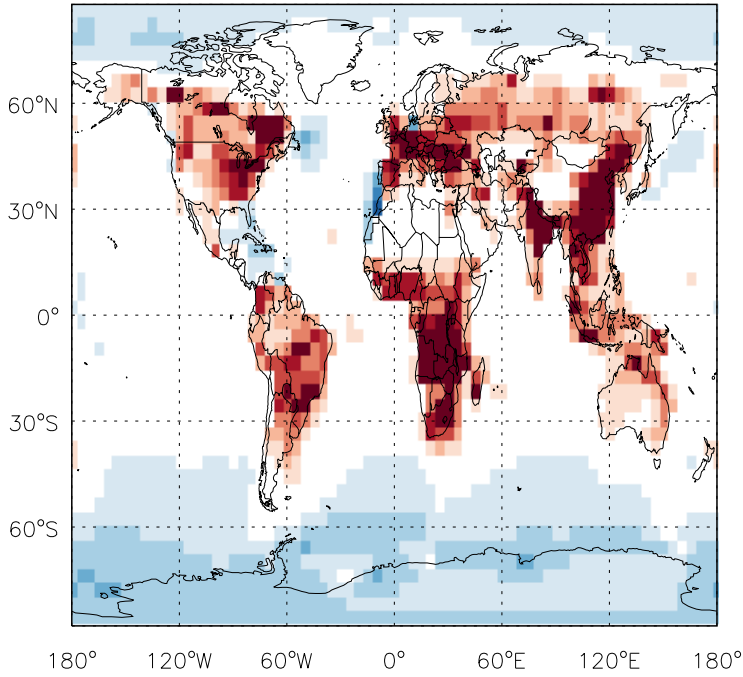
CH3Br/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

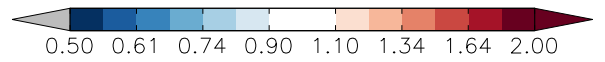
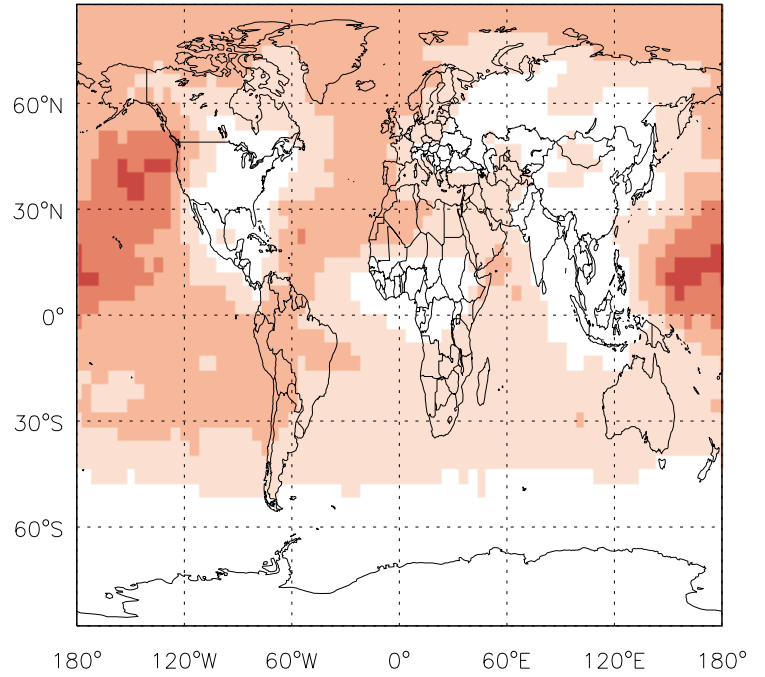
v11-01d-Run0 / v11-01b-Run0

MPN / Ratio @ Surface for Jul



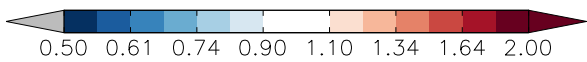
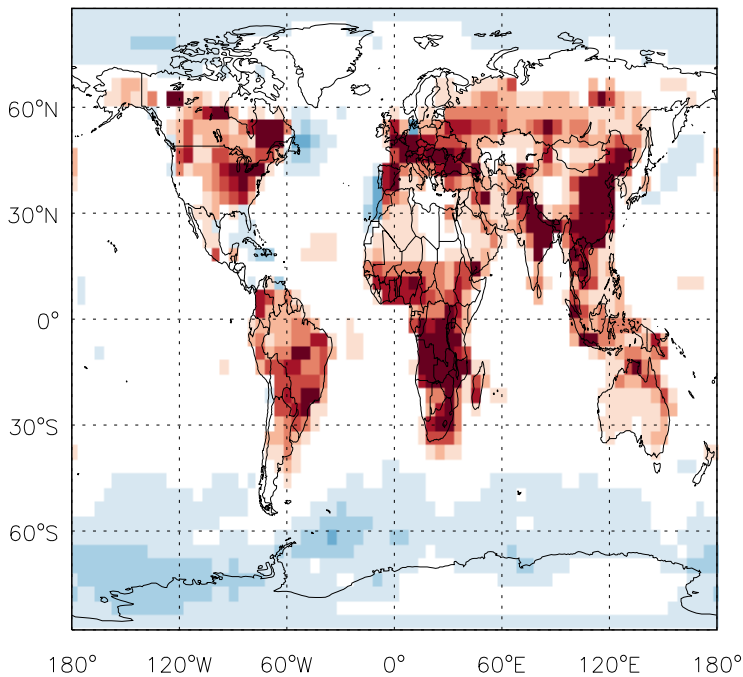
v11-01d-Run0 / v11-01b-Run0

MPN/ Ratio @ 500 hPa for Jul



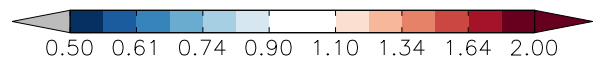
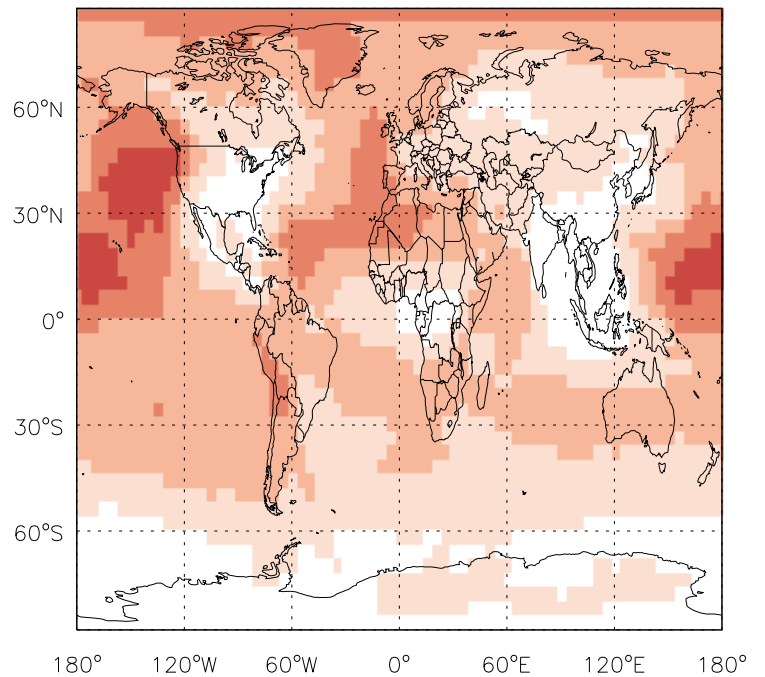
v11-01d-Run0 / v10-01-public-Run0

MPN / Ratio @ Surface for Jul



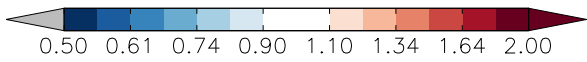
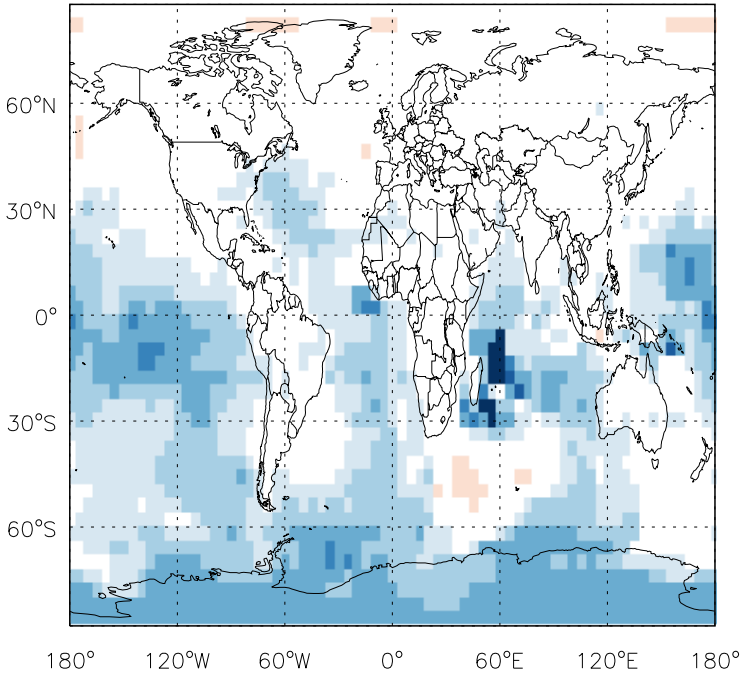
v11-01d-Run0 / v10-01-public-Run0

MPN/ Ratio @ 500 hPa for Jul

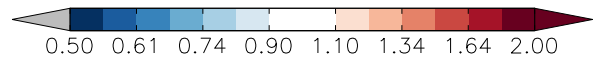
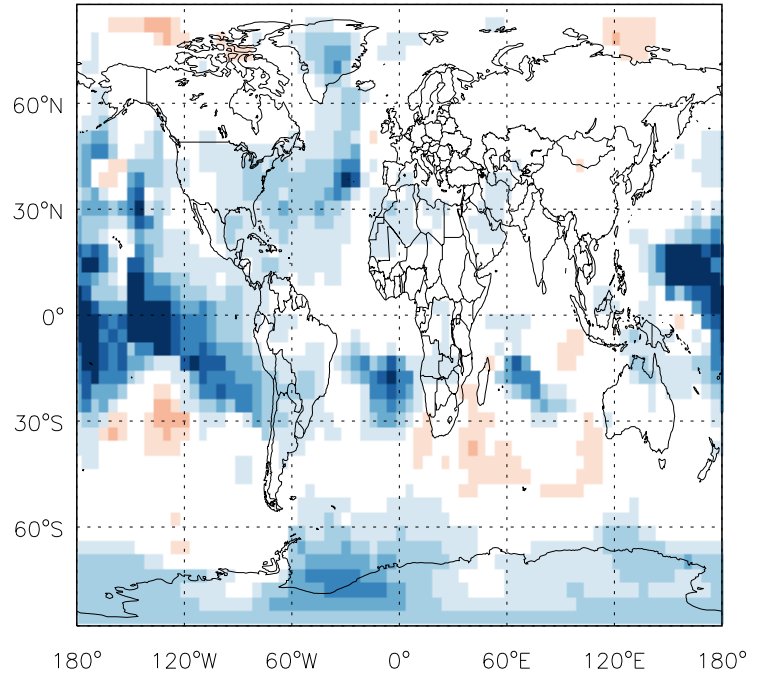


GEOS-Chem Ratio Maps at surface and 500 hPa

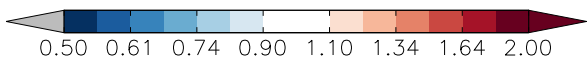
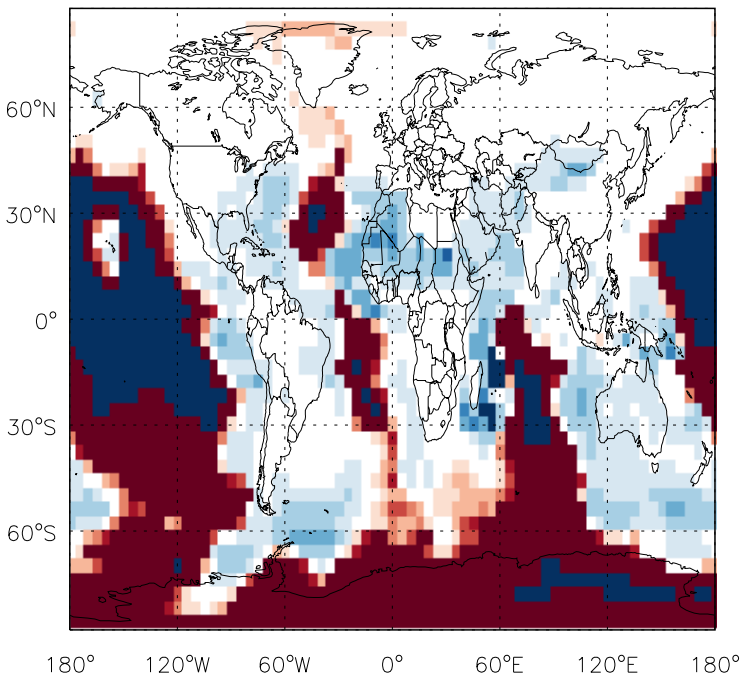
v11-01d-Run0 / v11-01b-Run0
ISOPN / Ratio @ Surface for Jul



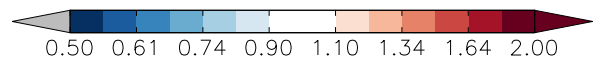
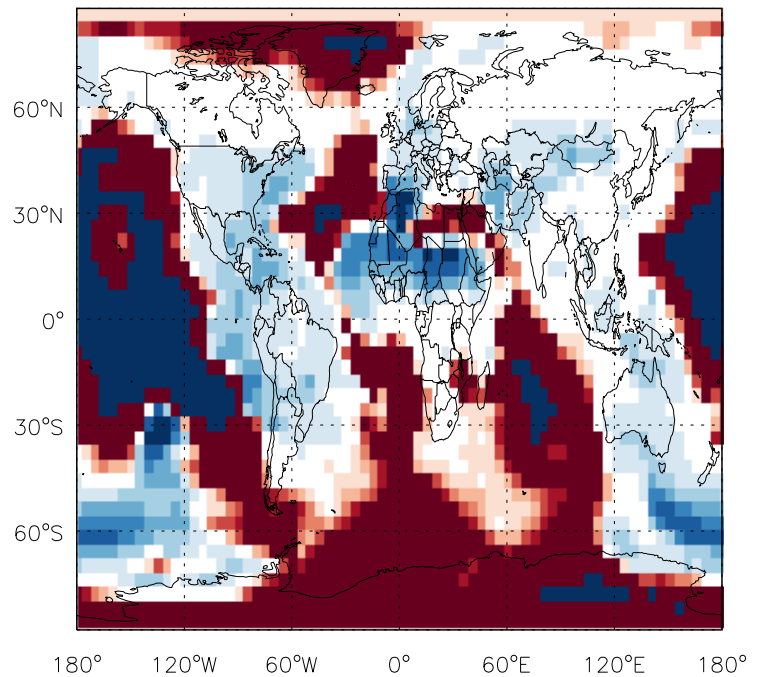
v11-01d-Run0 / v11-01b-Run0
ISOPN / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
ISOPN / Ratio @ Surface for Jul



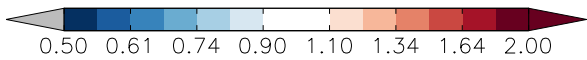
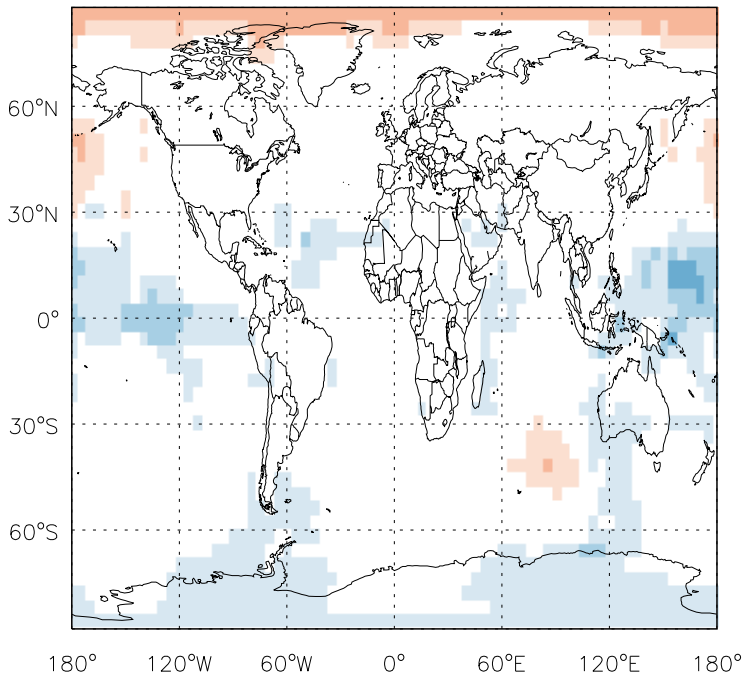
v11-01d-Run0 / v10-01-public-Run0
ISOPN / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

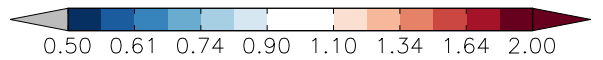
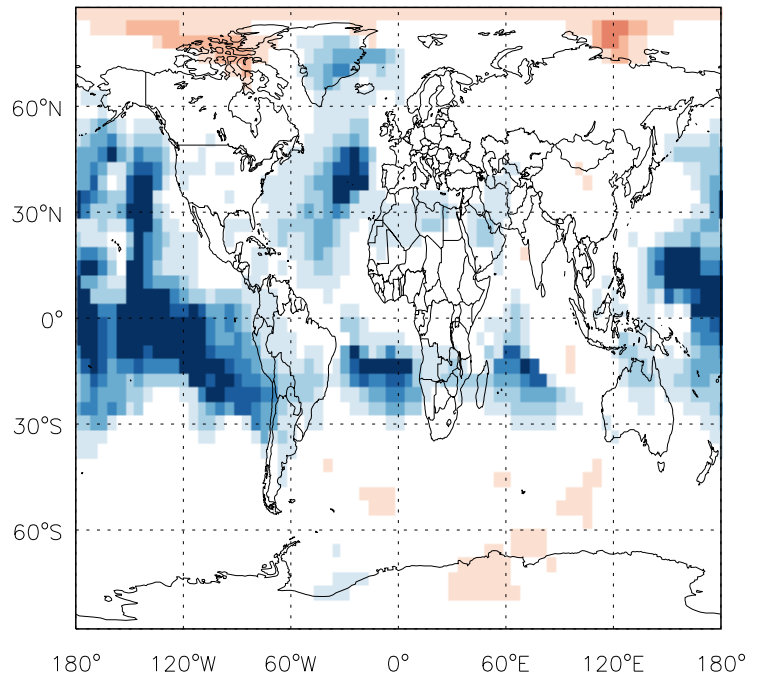
v11-01d-Run0 / v11-01b-Run0

MOBA / Ratio @ Surface for Jul



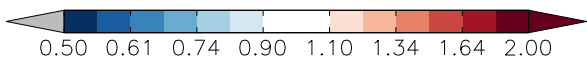
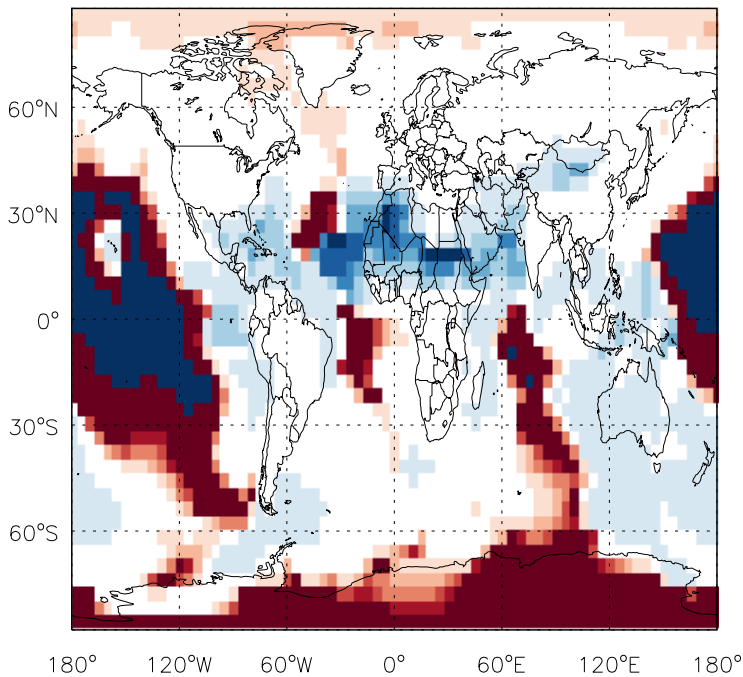
v11-01d-Run0 / v11-01b-Run0

MOBA/ Ratio @ 500 hPa for Jul



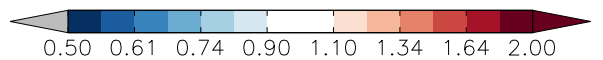
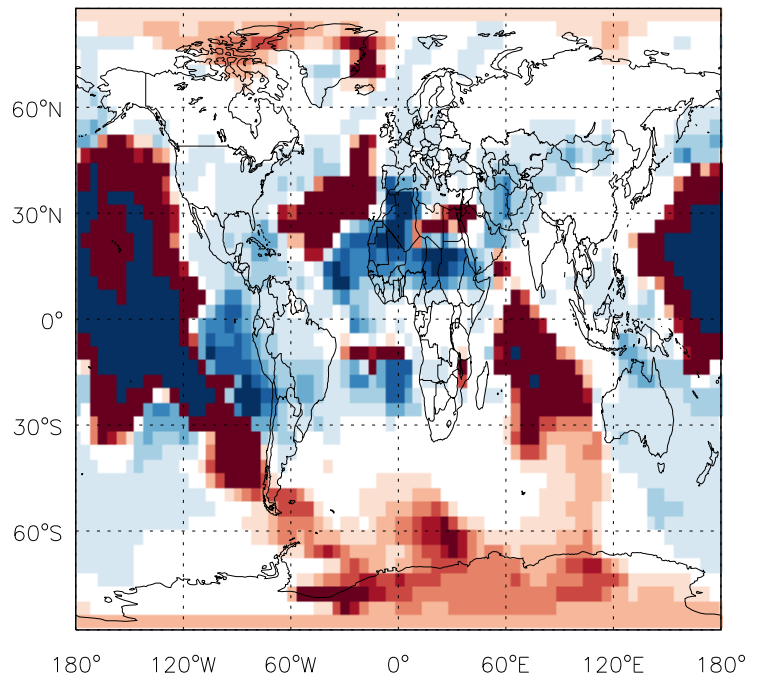
v11-01d-Run0 / v10-01-public-Run0

MOBA / Ratio @ Surface for Jul



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

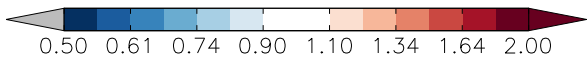
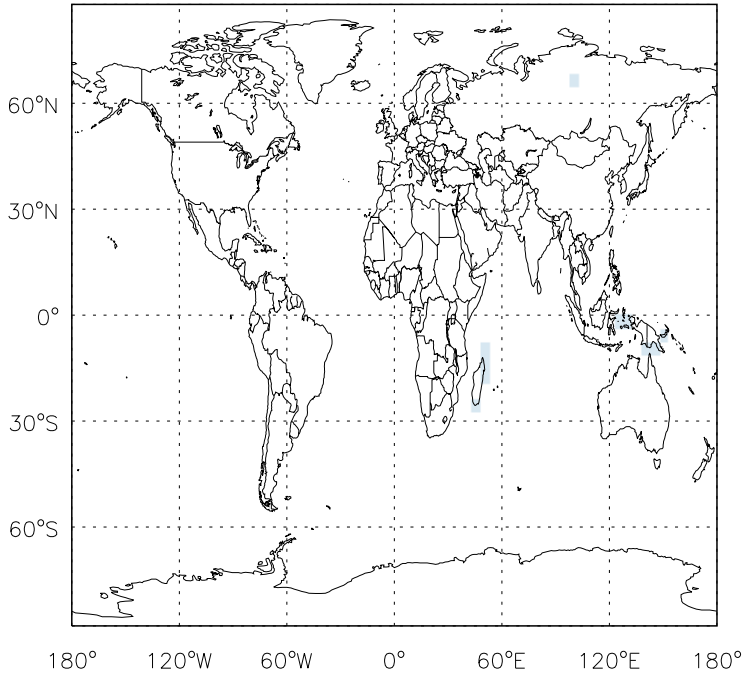
MOBA/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

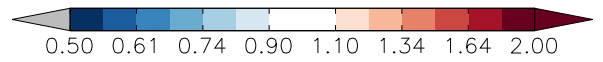
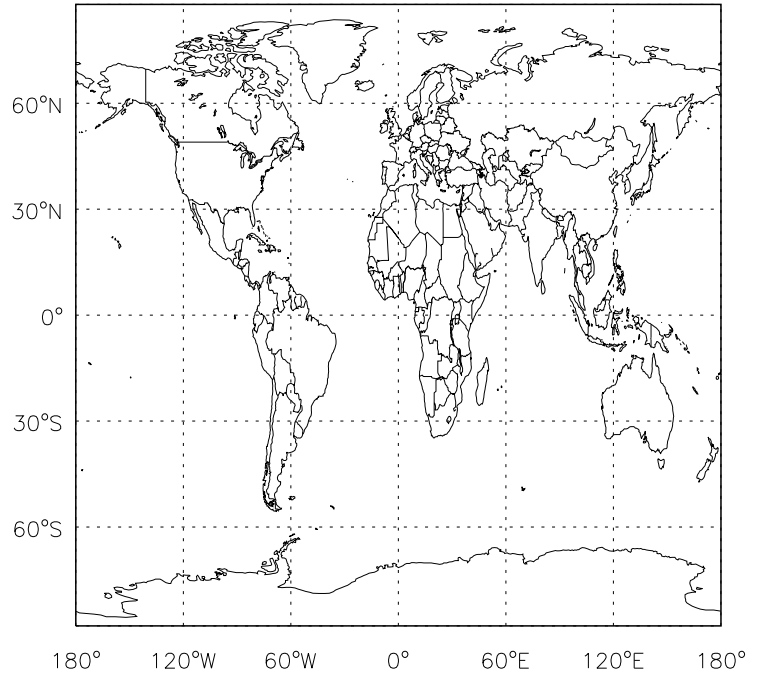
v11-01d-Run0 / v11-01b-Run0

PROPNN / Ratio @ Surface for Jul



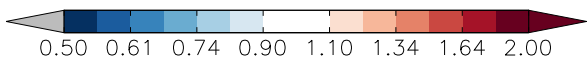
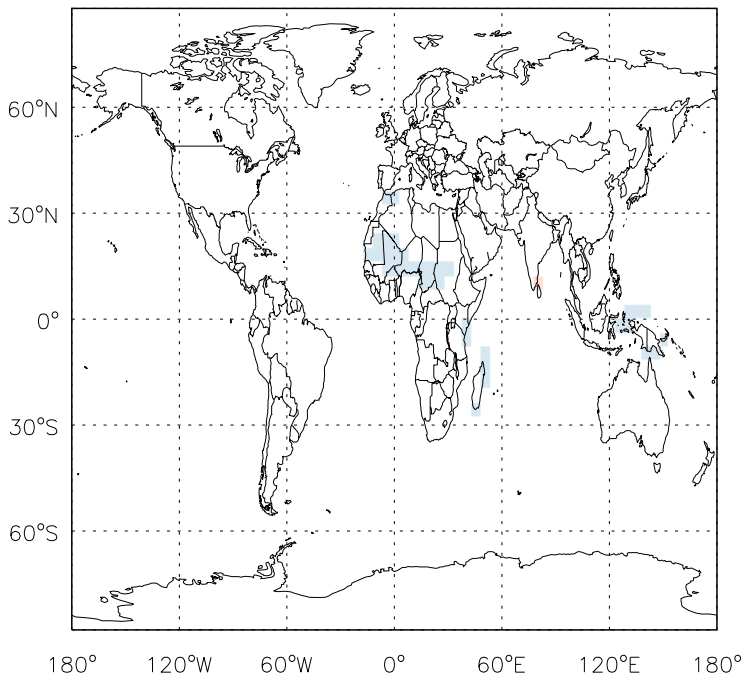
v11-01d-Run0 / v11-01b-Run0

PROPNN/ Ratio @ 500 hPa for Jul



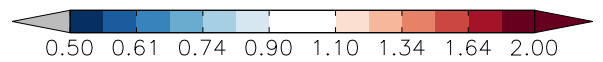
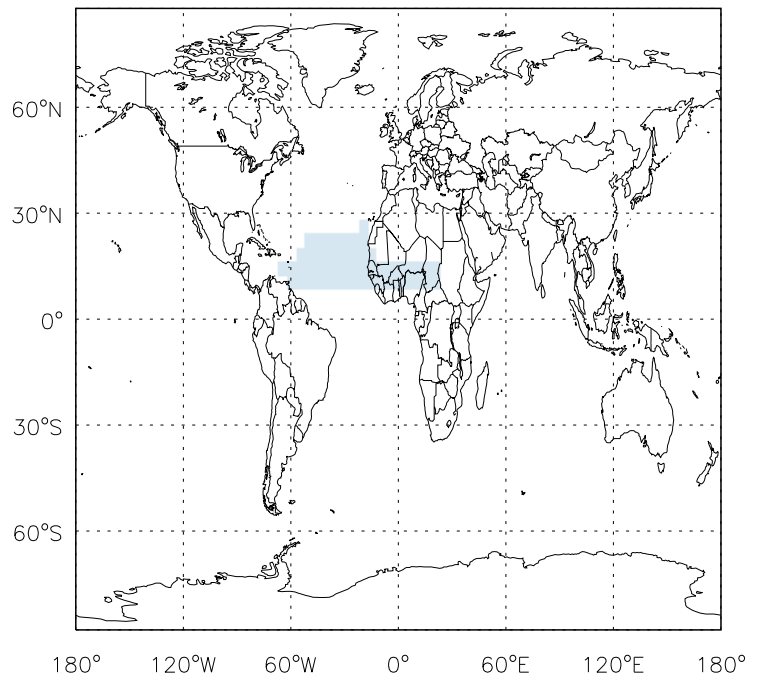
v11-01d-Run0 / v10-01-public-Run0

PROPNN / Ratio @ Surface for Jul



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

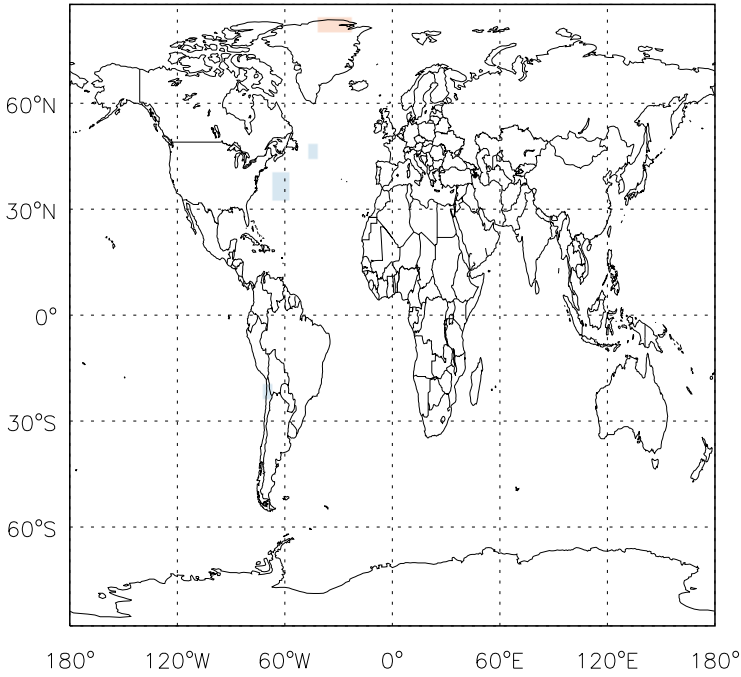
PROPNN/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

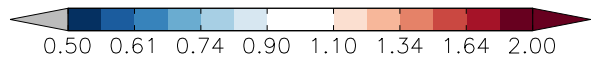
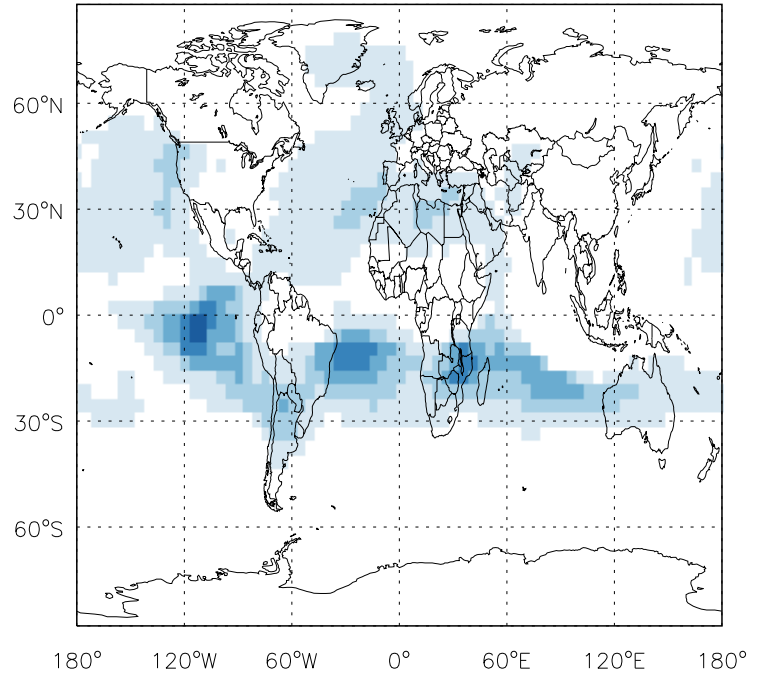
v11-01d-Run0 / v11-01b-Run0

HAC / Ratio @ Surface for Jul



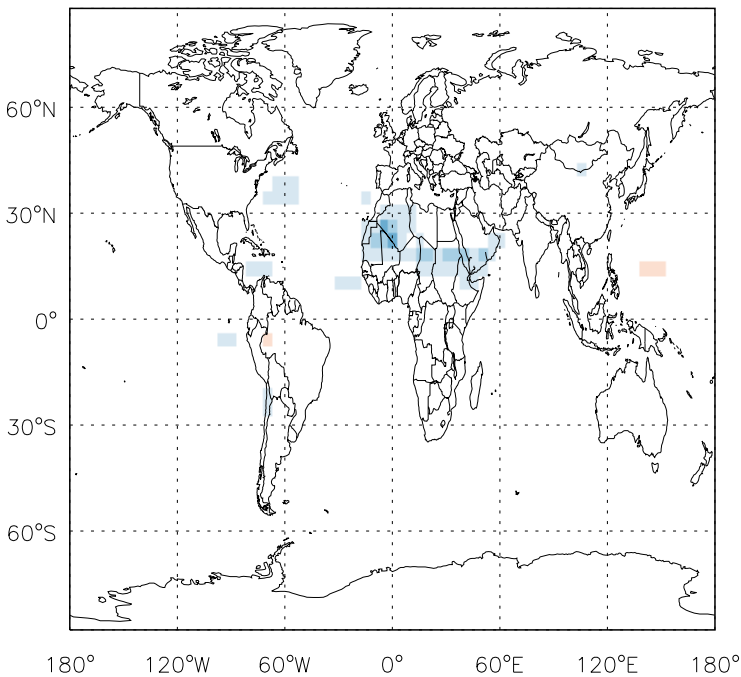
v11-01d-Run0 / v11-01b-Run0

HAC/ Ratio @ 500 hPa for Jul



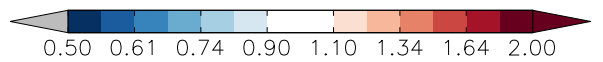
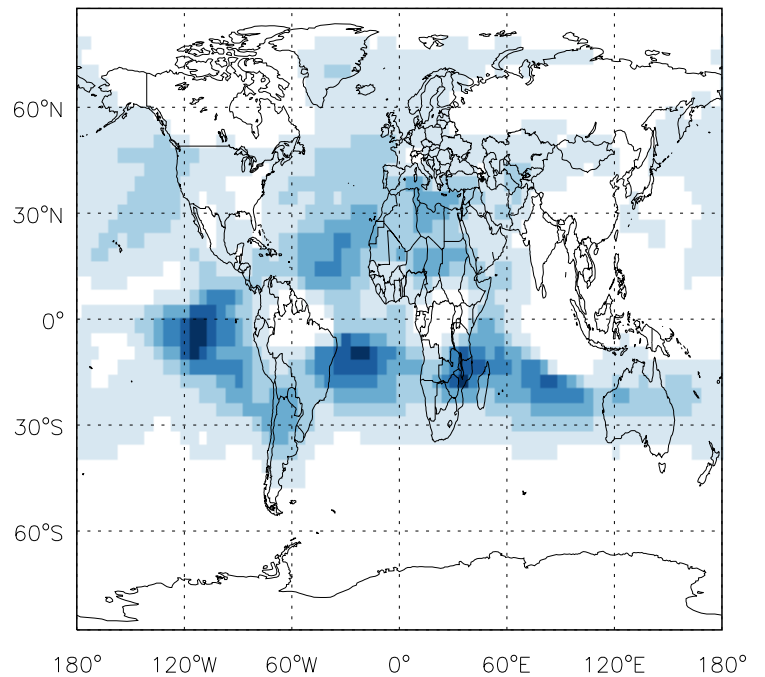
v11-01d-Run0 / v10-01-public-Run0

HAC / Ratio @ Surface for Jul



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

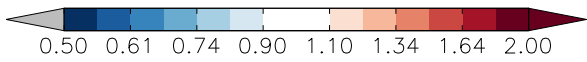
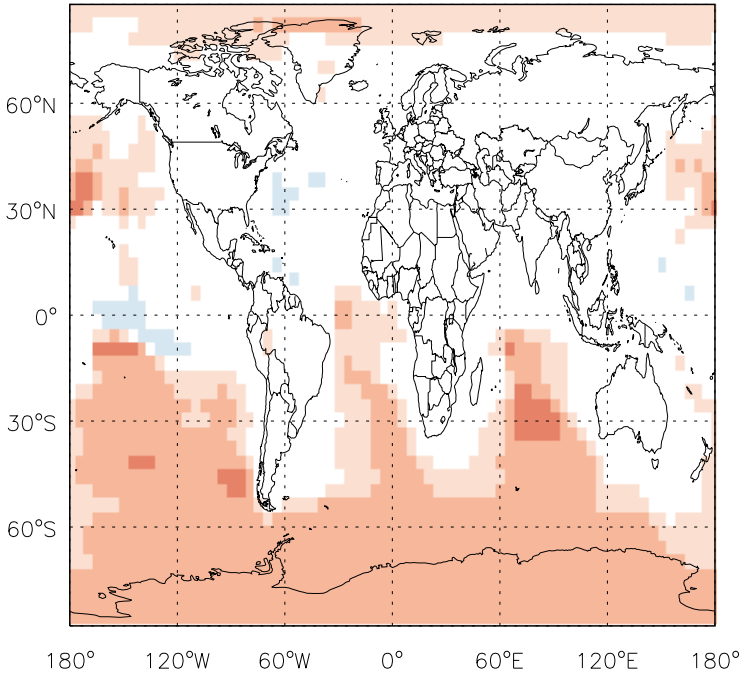
HAC/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

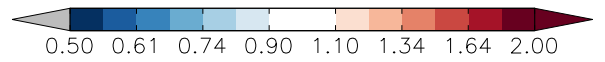
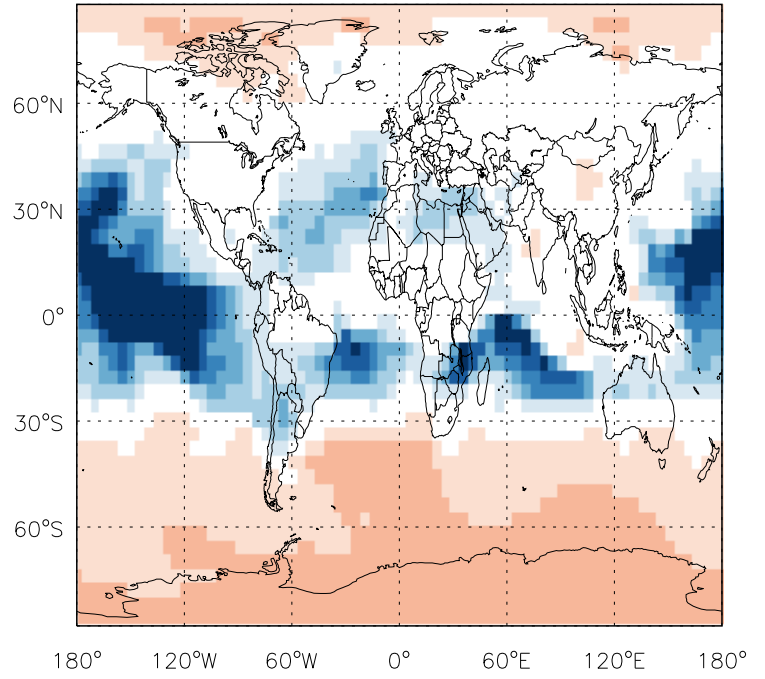
v11-01d-Run0 / v11-01b-Run0

GLYC / Ratio @ Surface for Jul



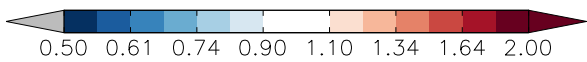
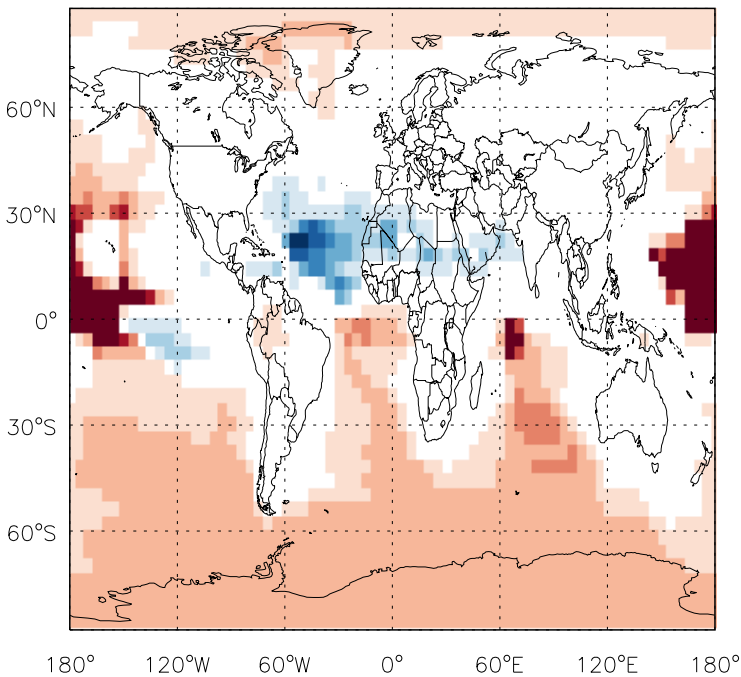
v11-01d-Run0 / v11-01b-Run0

GLYC/ Ratio @ 500 hPa for Jul



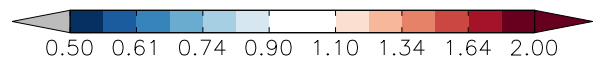
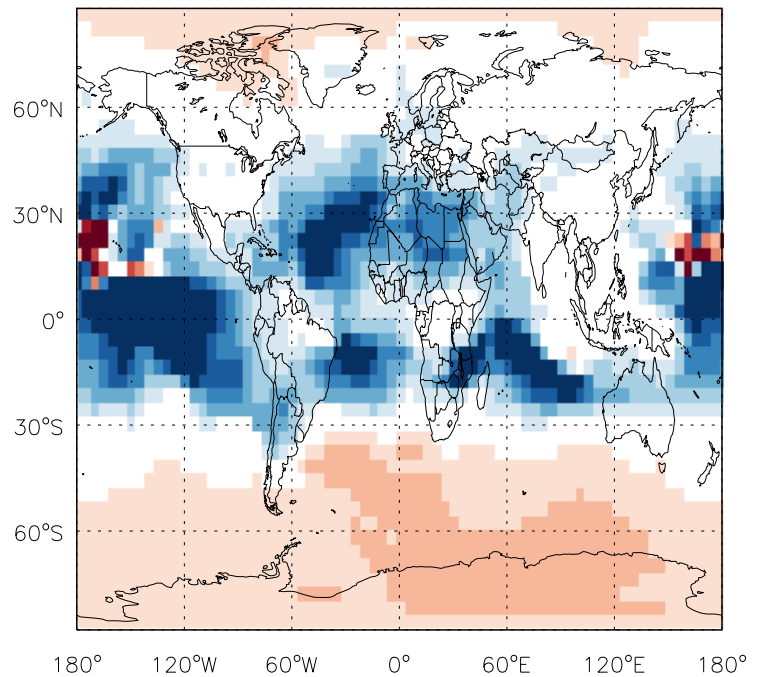
v11-01d-Run0 / v10-01-public-Run0

GLYC / Ratio @ Surface for Jul



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

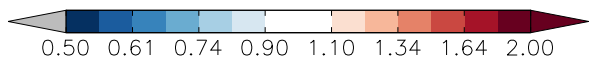
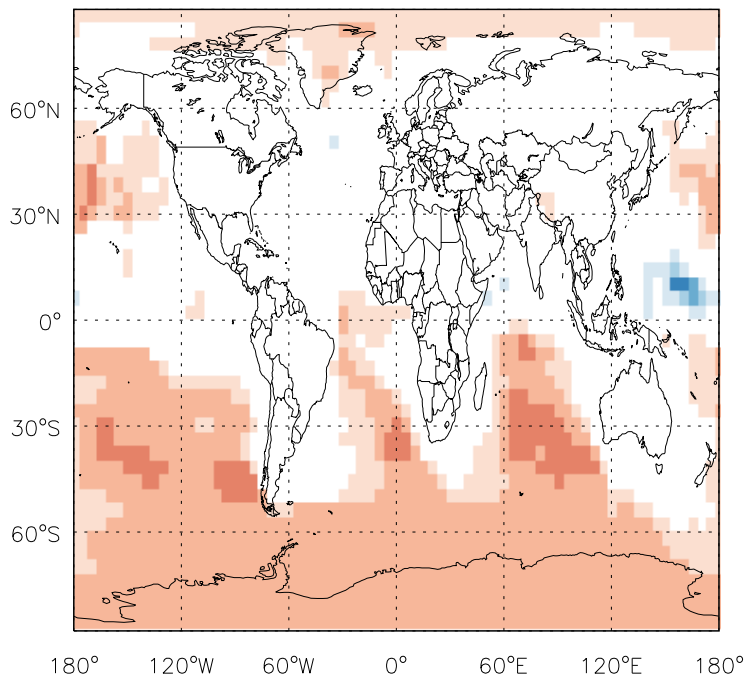
GLYC/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

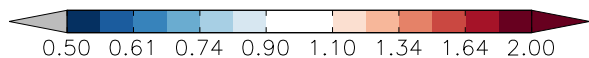
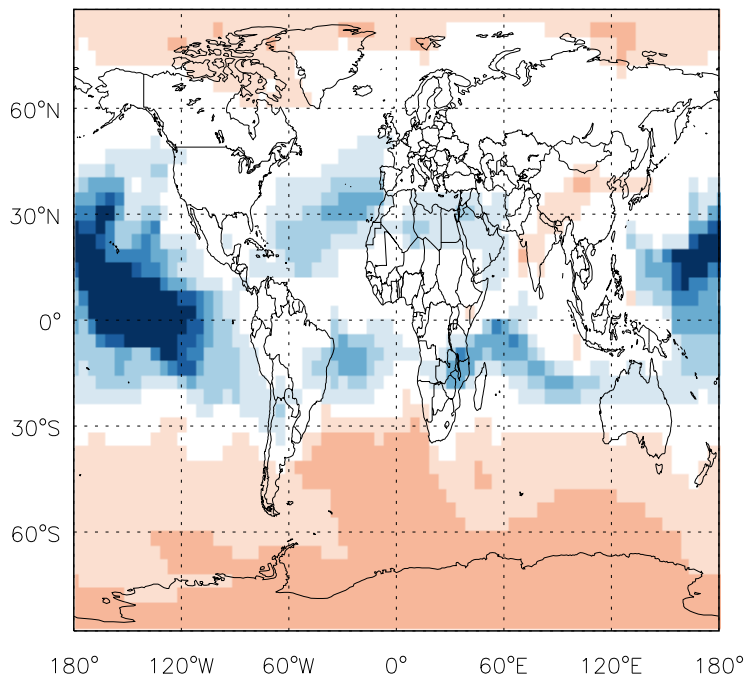
v11-01d-Run0 / v11-01b-Run0

MMN / Ratio @ Surface for Jul



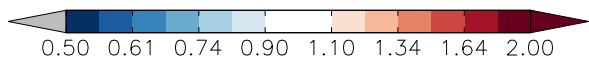
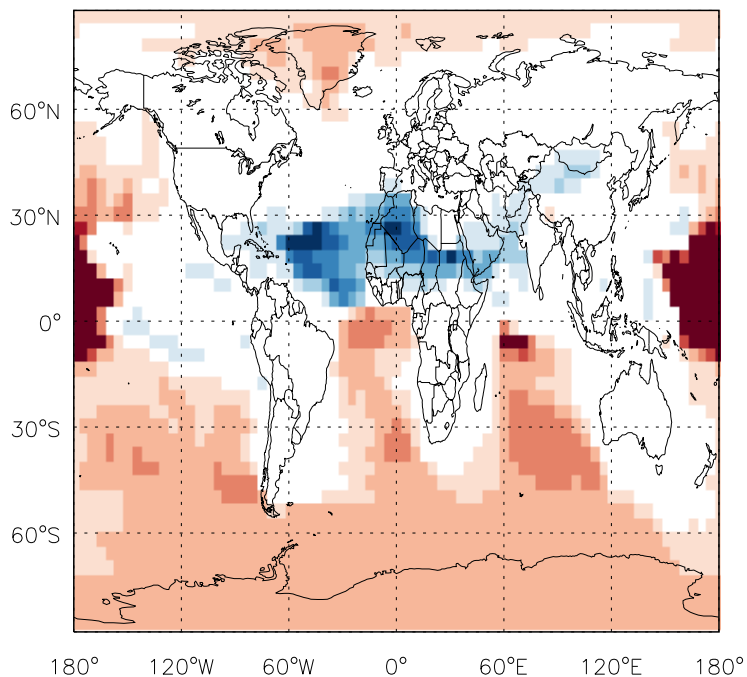
v11-01d-Run0 / v11-01b-Run0

MMN/ Ratio @ 500 hPa for Jul



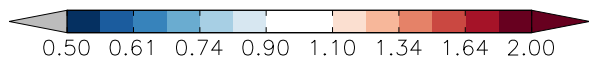
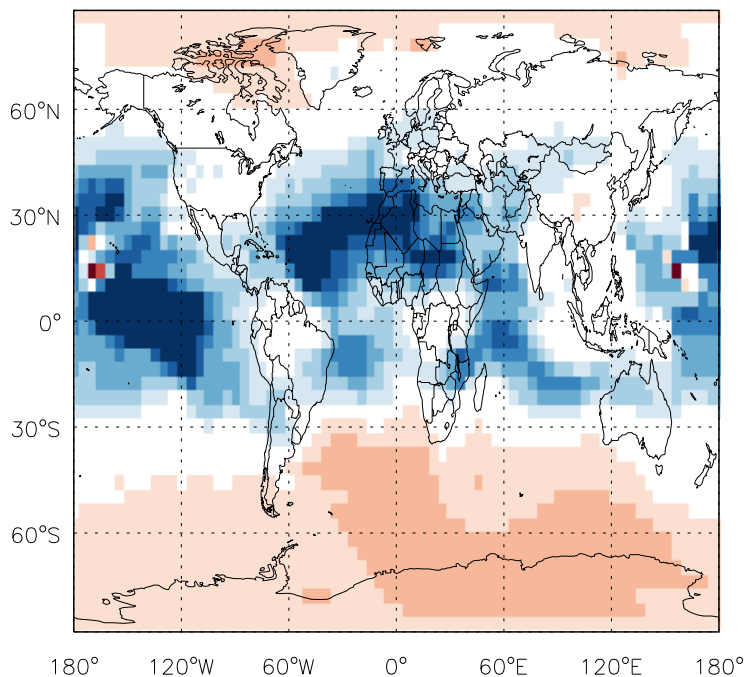
v11-01d-Run0 / v10-01-public-Run0

MMN / Ratio @ Surface for Jul



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

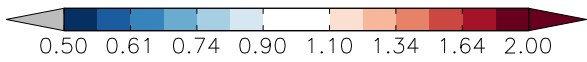
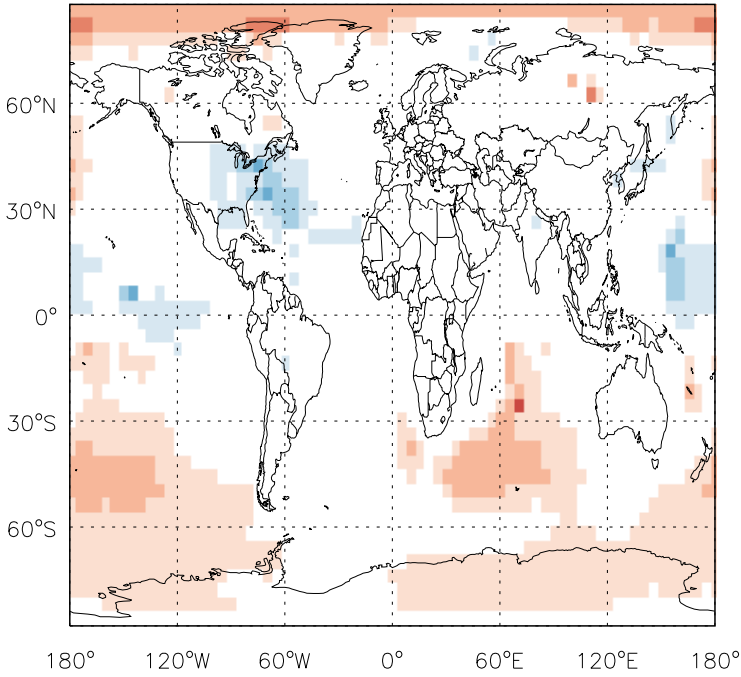
MMN/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

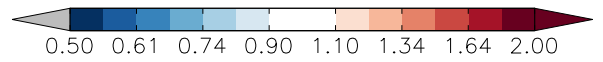
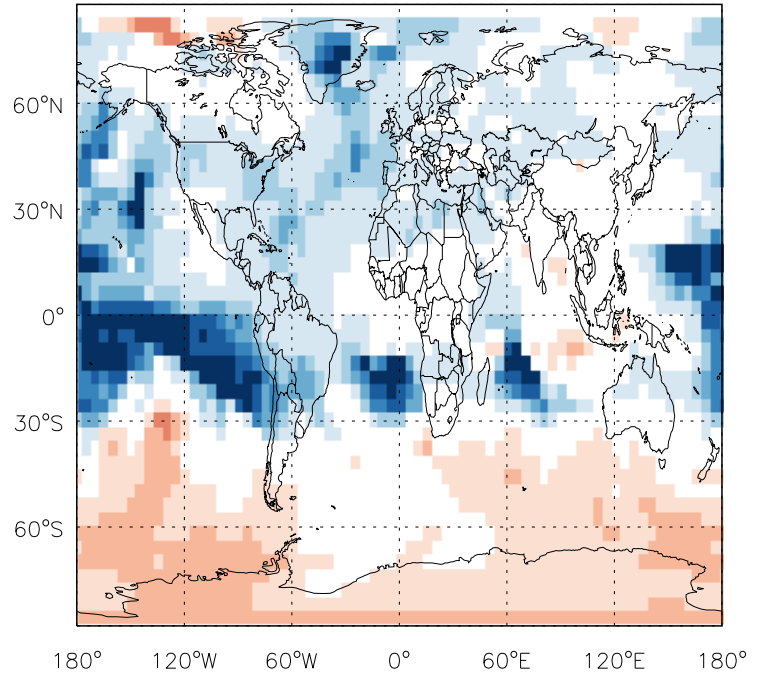
v11-01d-Run0 / v11-01b-Run0

RIP / Ratio @ Surface for Jul



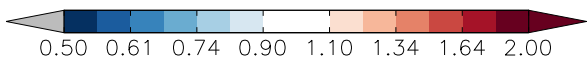
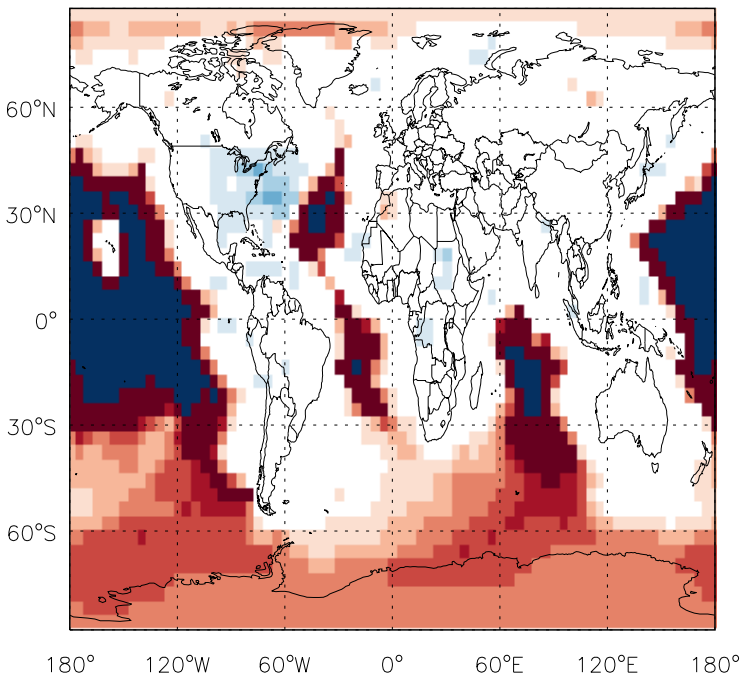
v11-01d-Run0 / v11-01b-Run0

RIP / Ratio @ 500 hPa for Jul



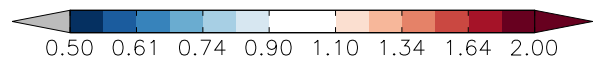
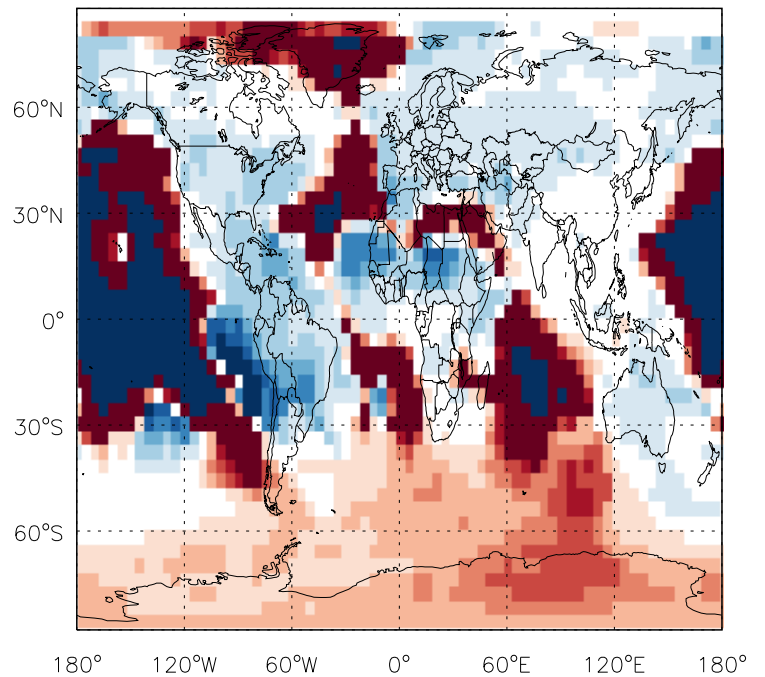
v11-01d-Run0 / v10-01-public-Run0

RIP / Ratio @ Surface for Jul



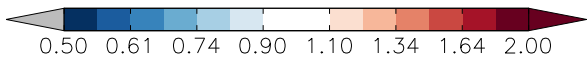
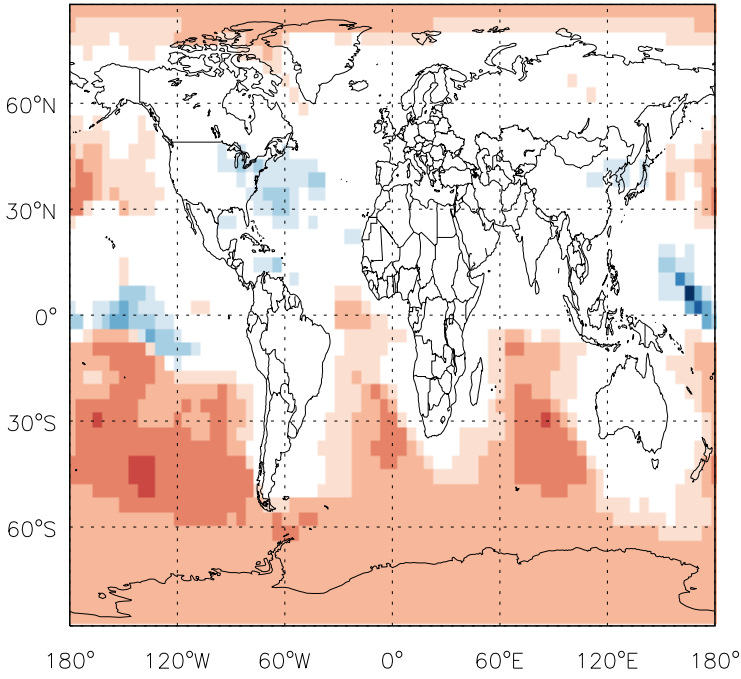
v11-01d-Run0 / v10-01-public-Run0

RIP / Ratio @ 500 hPa for Jul

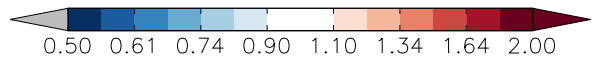
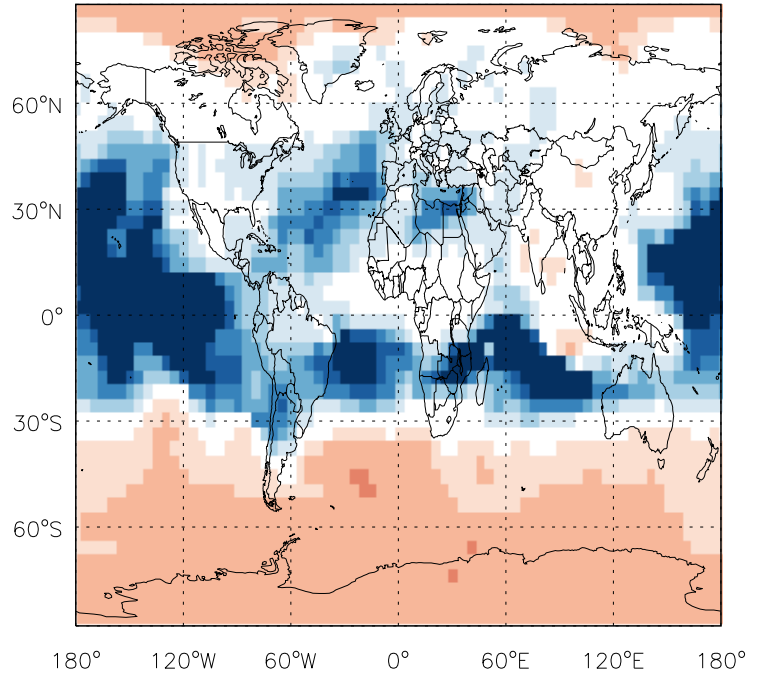


GEOS-Chem Ratio Maps at surface and 500 hPa

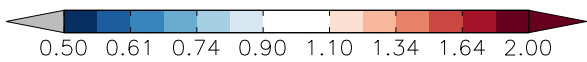
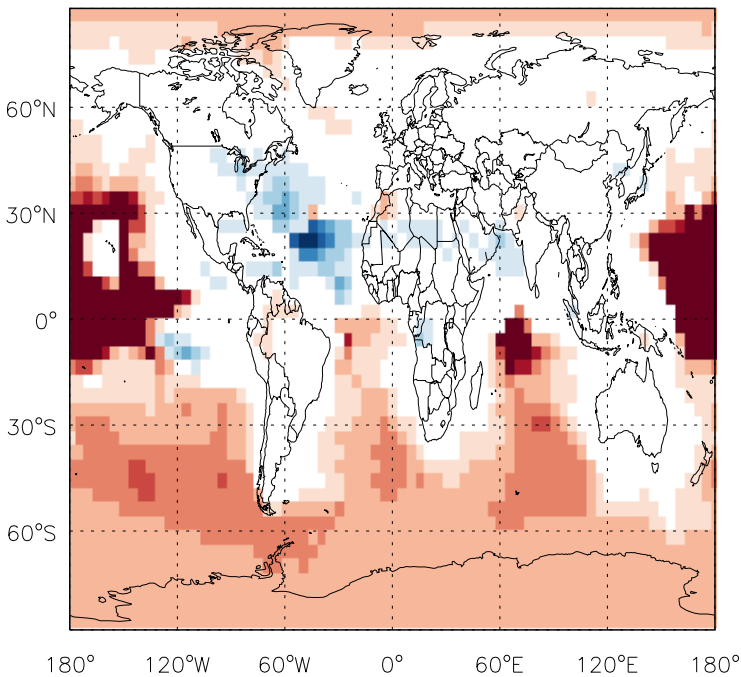
v11-01d-Run0 / v11-01b-Run0
IEPOX / Ratio @ Surface for Jul



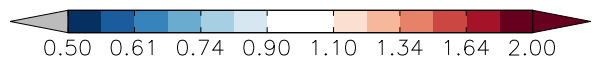
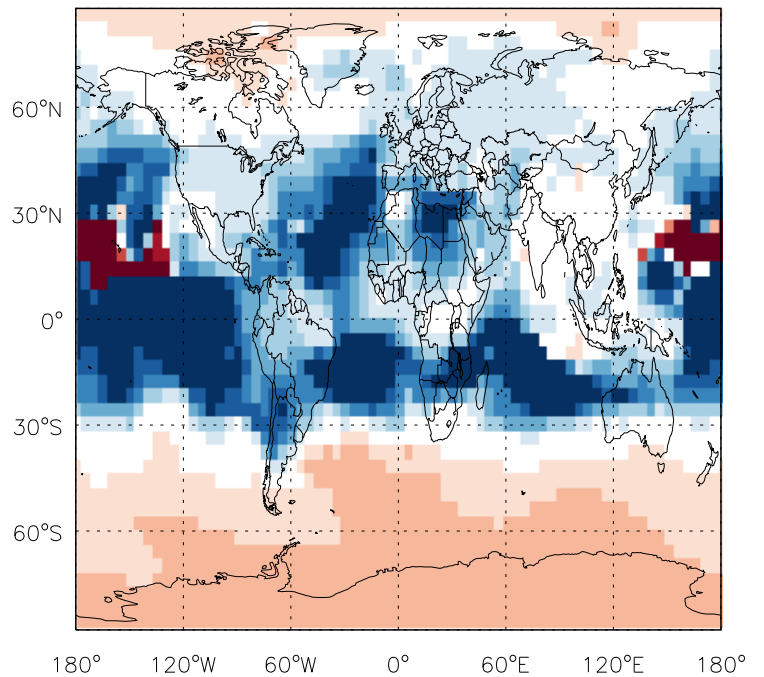
v11-01d-Run0 / v11-01b-Run0
IEPOX/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
IEPOX / Ratio @ Surface for Jul



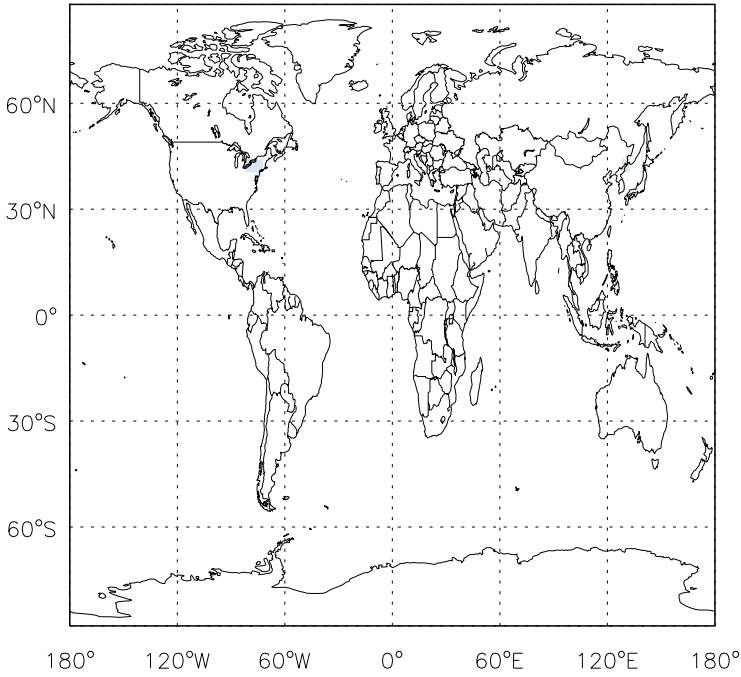
v11-01d-Run0 / v10-01-public-Run0
IEPOX/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

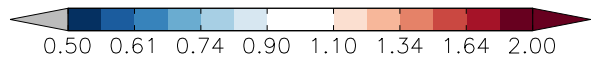
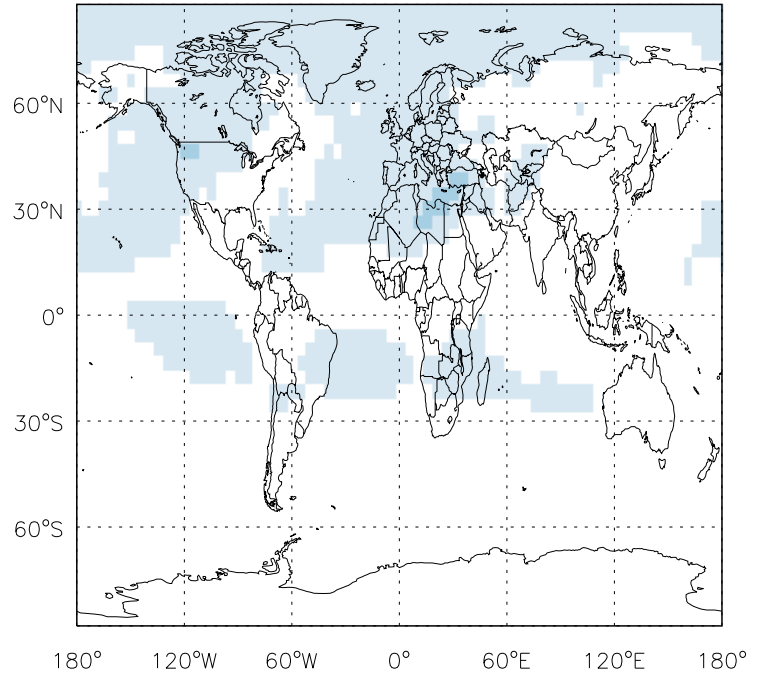
v11-01d-Run0 / v11-01b-Run0

MAP / Ratio @ Surface for Jul



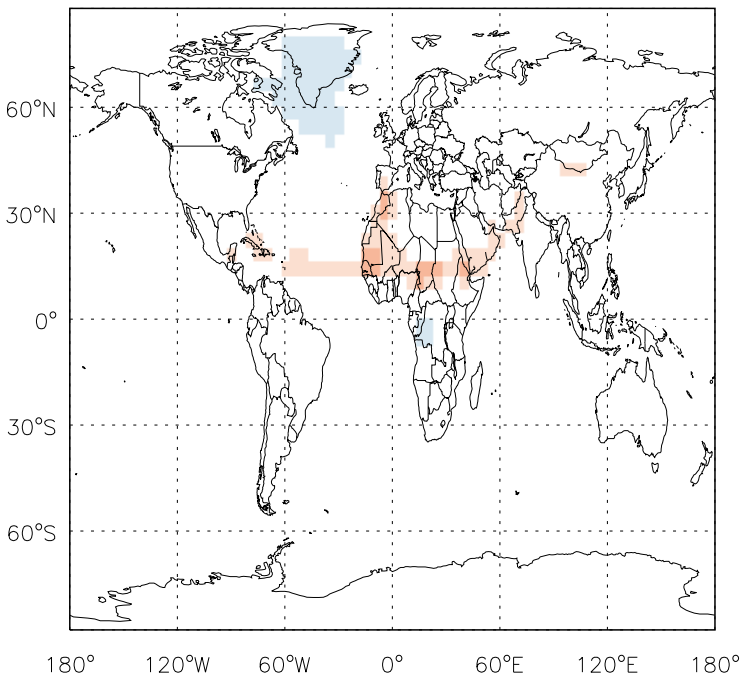
v11-01d-Run0 / v11-01b-Run0

MAP / Ratio @ 500 hPa for Jul



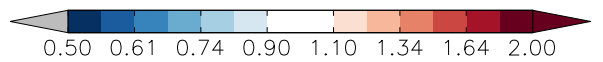
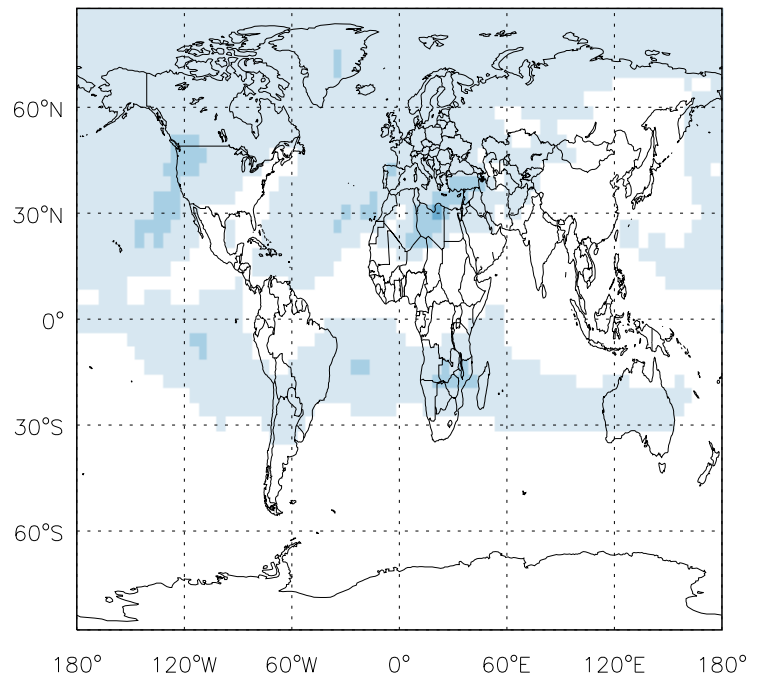
v11-01d-Run0 / v10-01-public-Run0

MAP / Ratio @ Surface for Jul



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

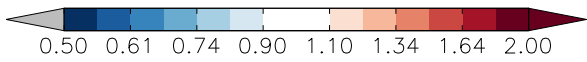
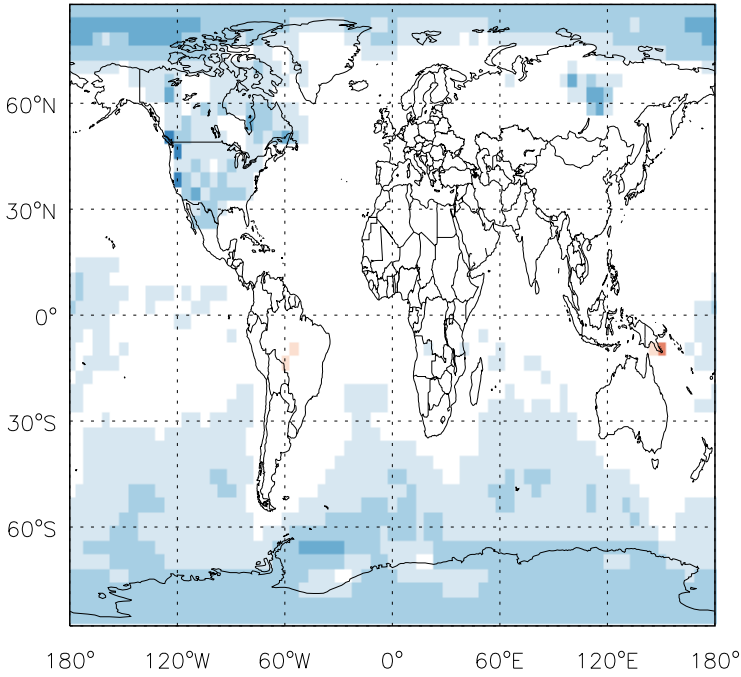
MAP / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

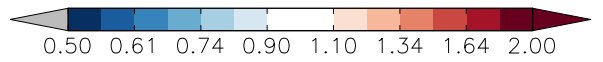
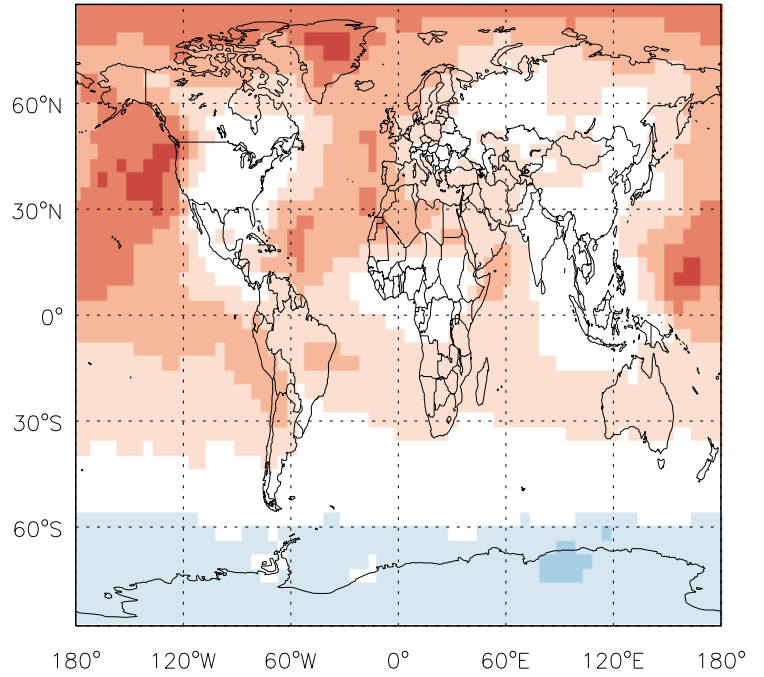
v11-01d-Run0 / v11-01b-Run0

N₂O / Ratio @ Surface for Jul



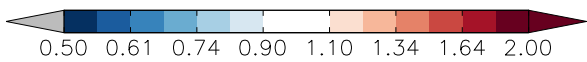
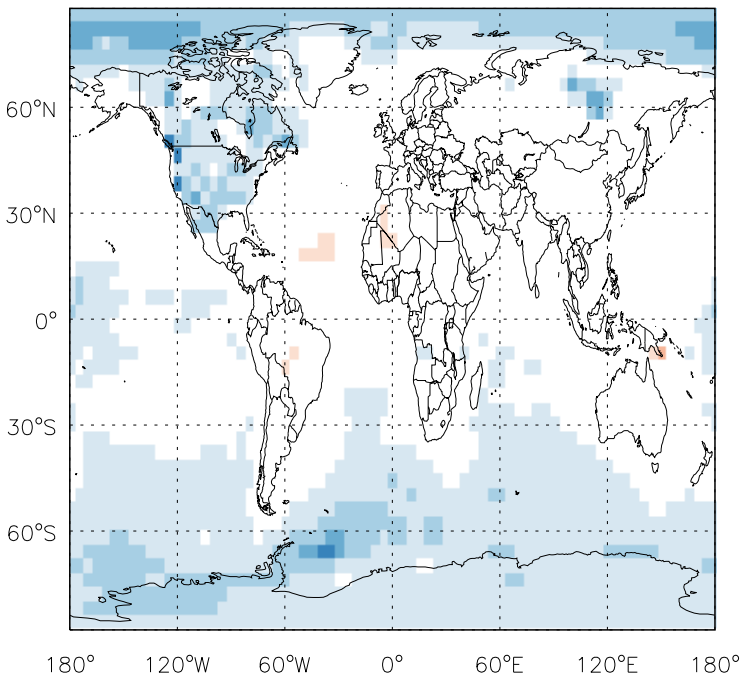
v11-01d-Run0 / v11-01b-Run0

N₂O / Ratio @ 500 hPa for Jul



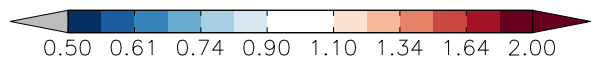
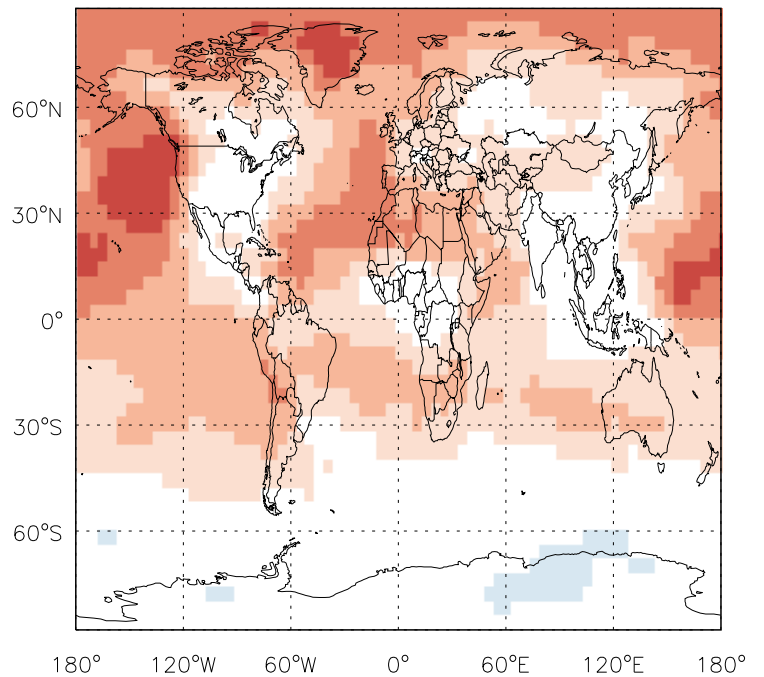
v11-01d-Run0 / v10-01-public-Run0

N₂O / Ratio @ Surface for Jul



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

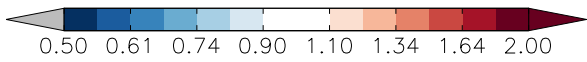
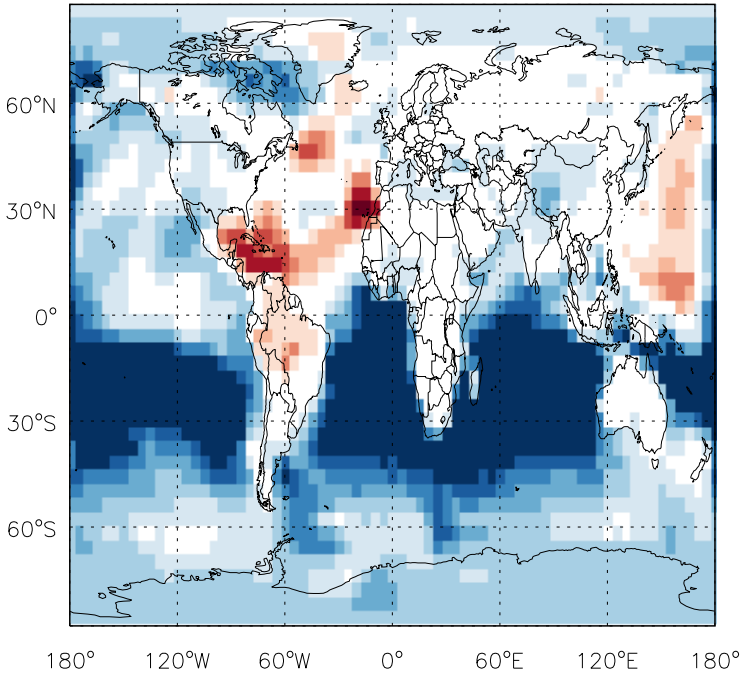
N₂O / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

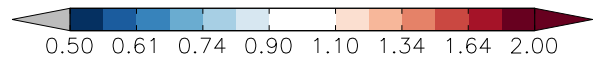
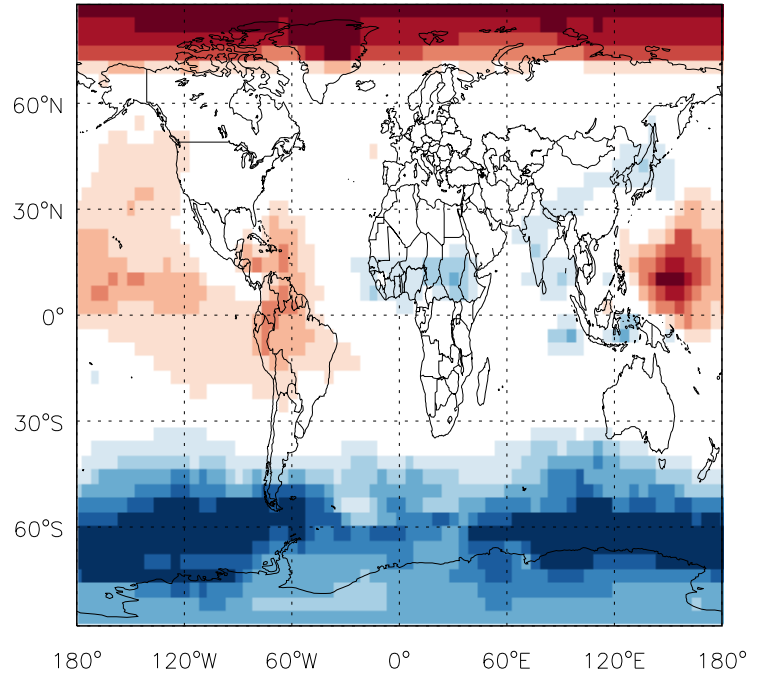
v11-01d-Run0 / v11-01b-Run0

N₂O₃ / Ratio @ Surface for Jul



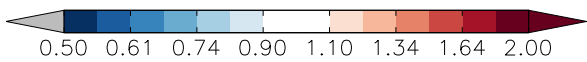
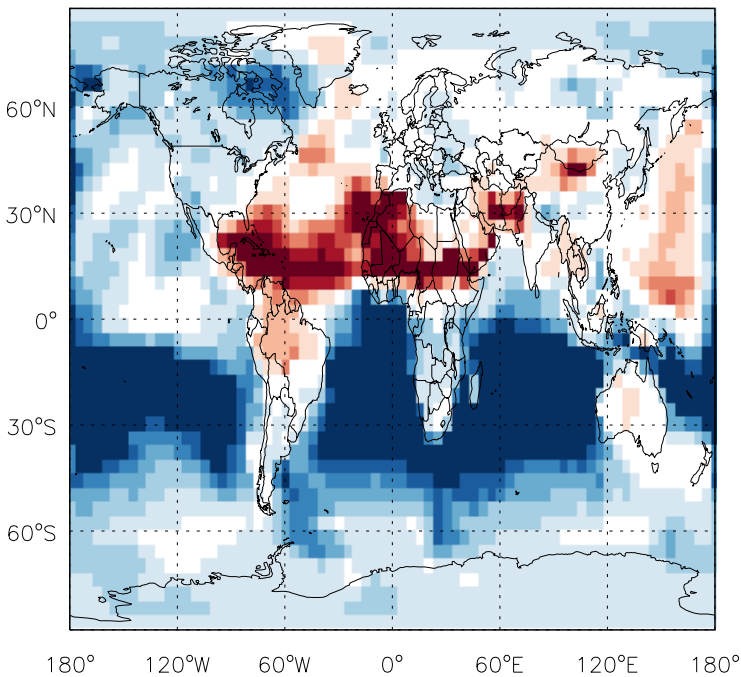
v11-01d-Run0 / v11-01b-Run0

N₂O₃ / Ratio @ 500 hPa for Jul



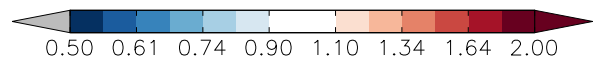
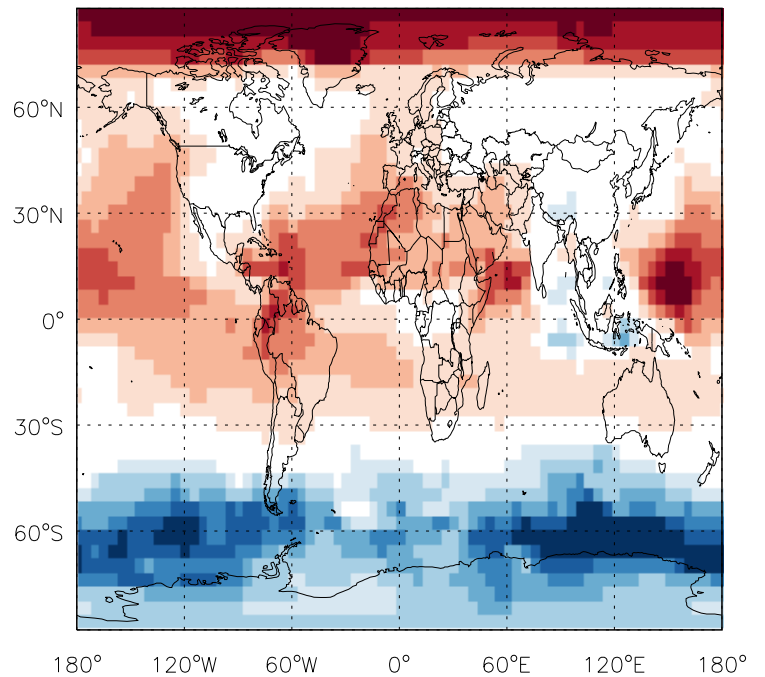
v11-01d-Run0 / v10-01-public-Run0

N₂O₃ / Ratio @ Surface for Jul



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

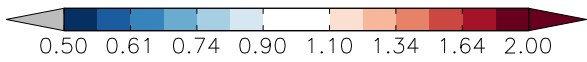
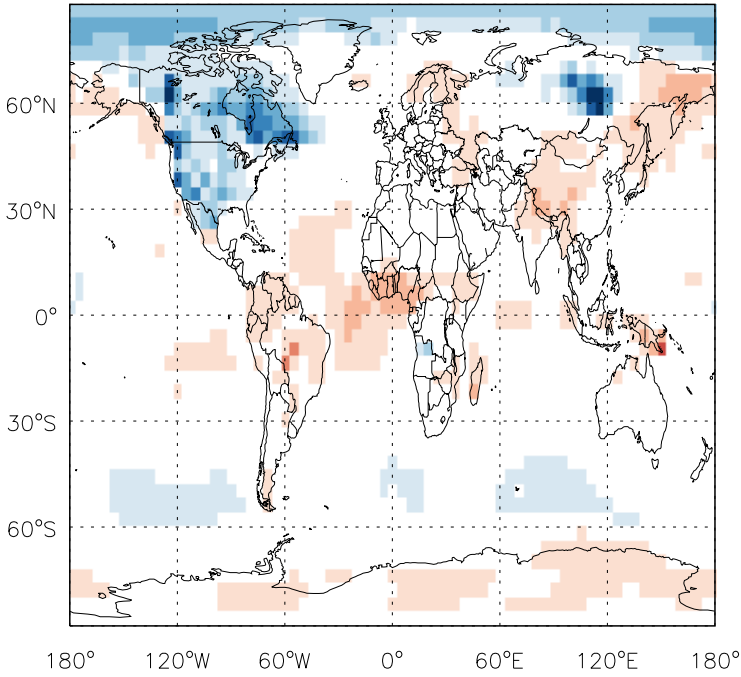
N₂O₃ / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

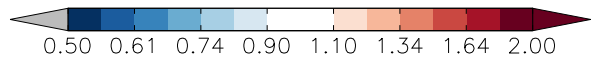
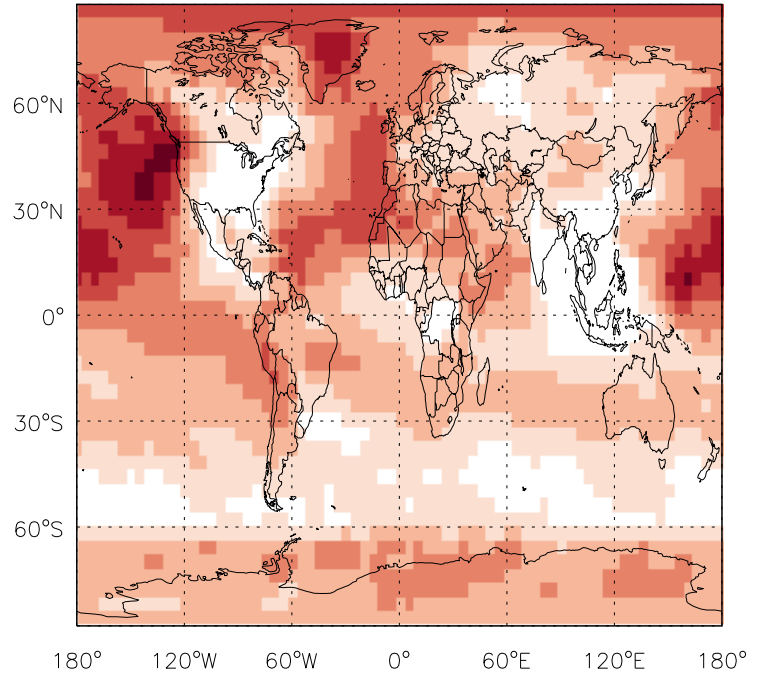
v11-01d-Run0 / v11-01b-Run0

HN02 / Ratio @ Surface for Jul



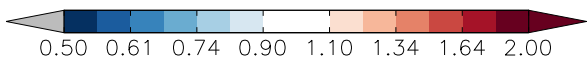
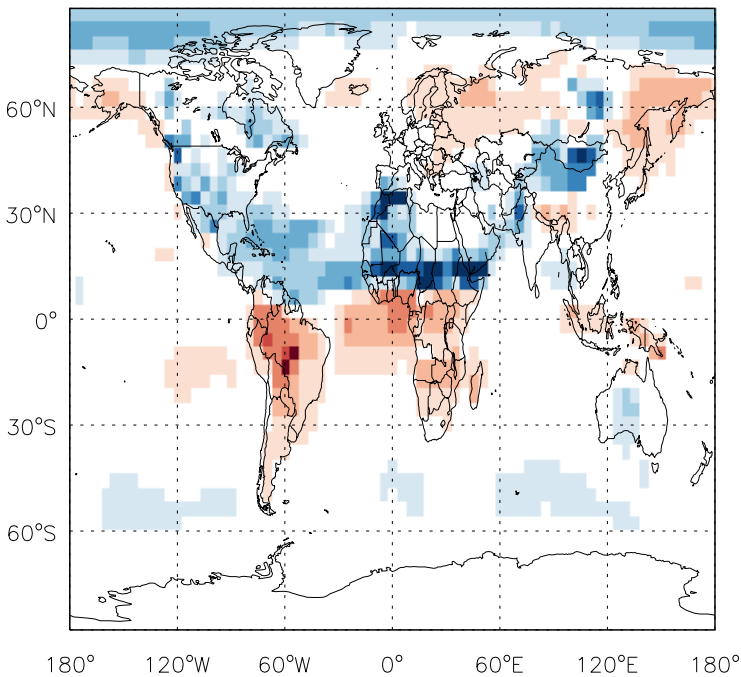
v11-01d-Run0 / v11-01b-Run0

HN02/ Ratio @ 500 hPa for Jul



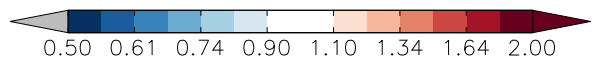
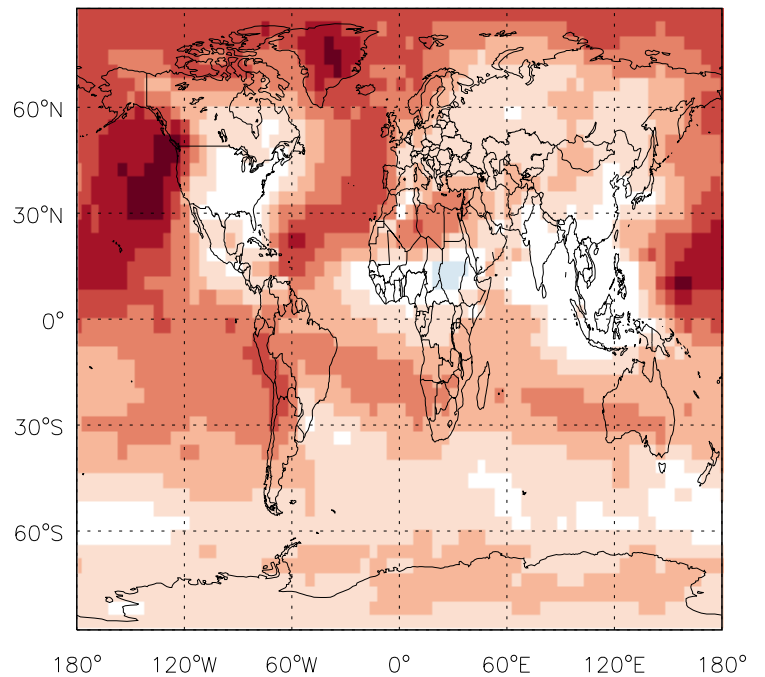
v11-01d-Run0 / v10-01-public-Run0

HN02 / Ratio @ Surface for Jul



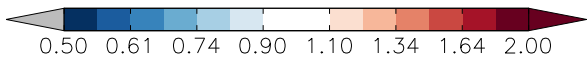
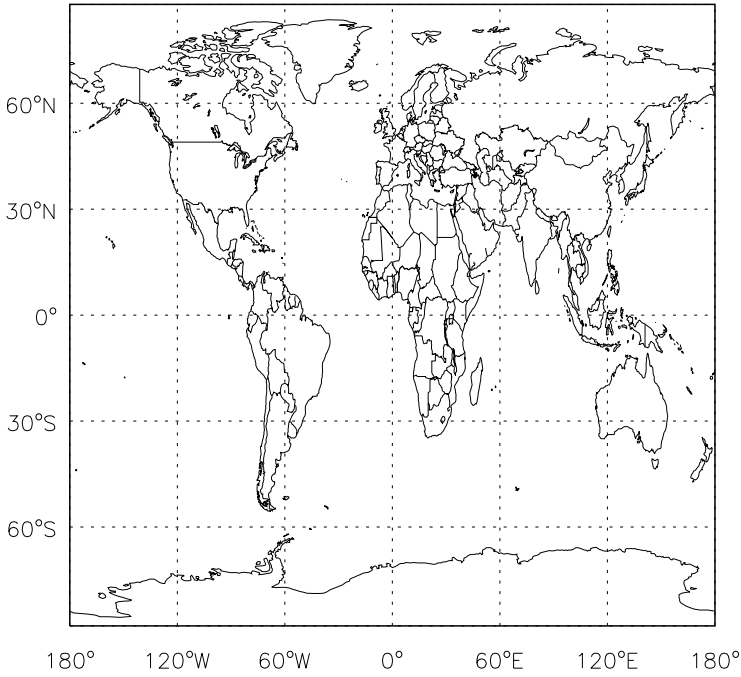
v11-01d-Run0 / v10-01-public-Run0

HN02/ Ratio @ 500 hPa for Jul

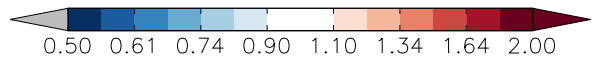
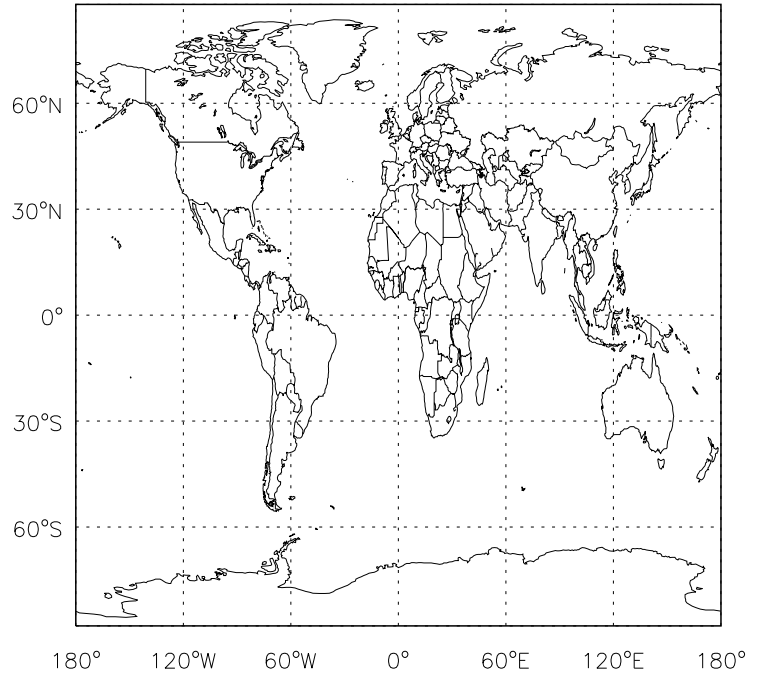


GEOS-Chem Ratio Maps at surface and 500 hPa

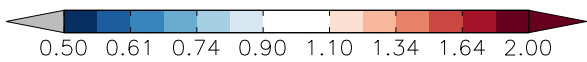
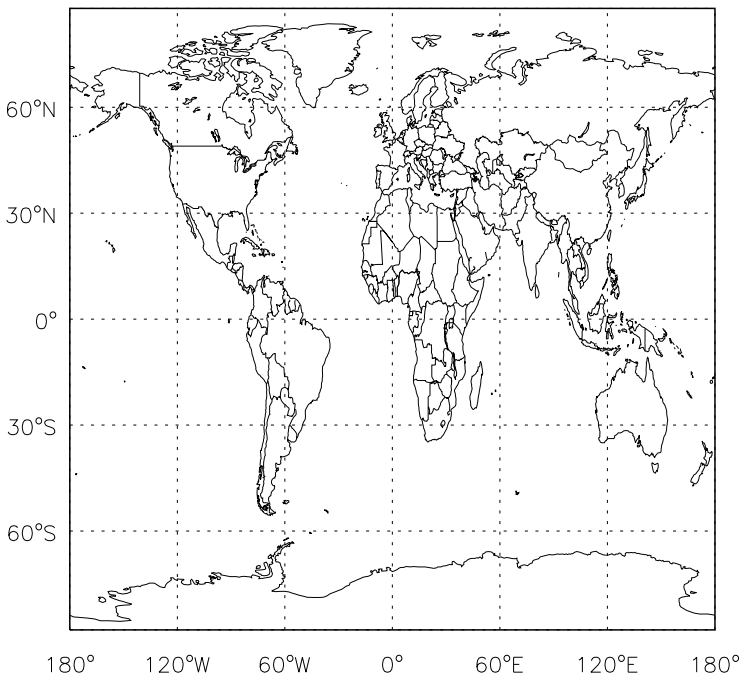
v11-01d-Run0 / v11-01b-Run0
N2O / Ratio @ Surface for Jul



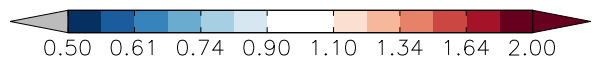
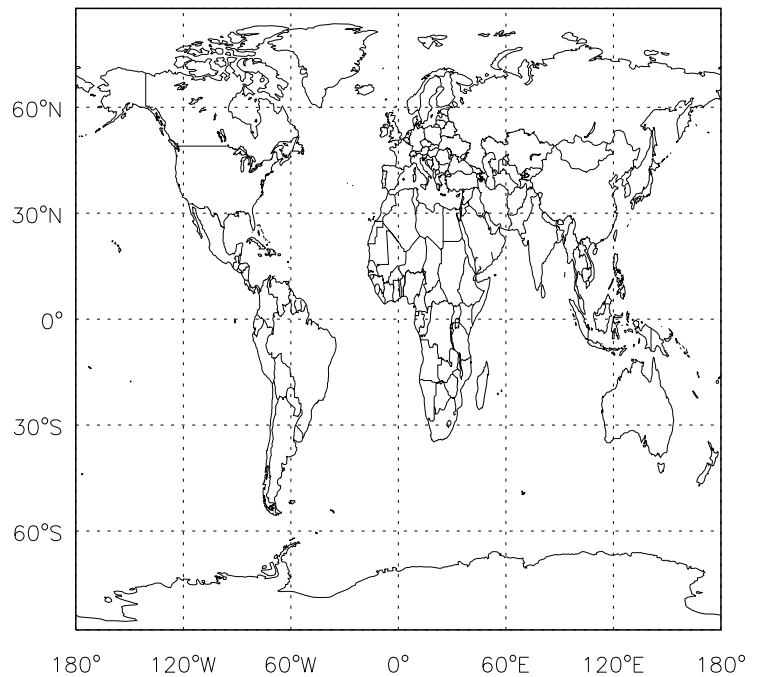
v11-01d-Run0 / v11-01b-Run0
N2O / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
N2O / Ratio @ Surface for Jul



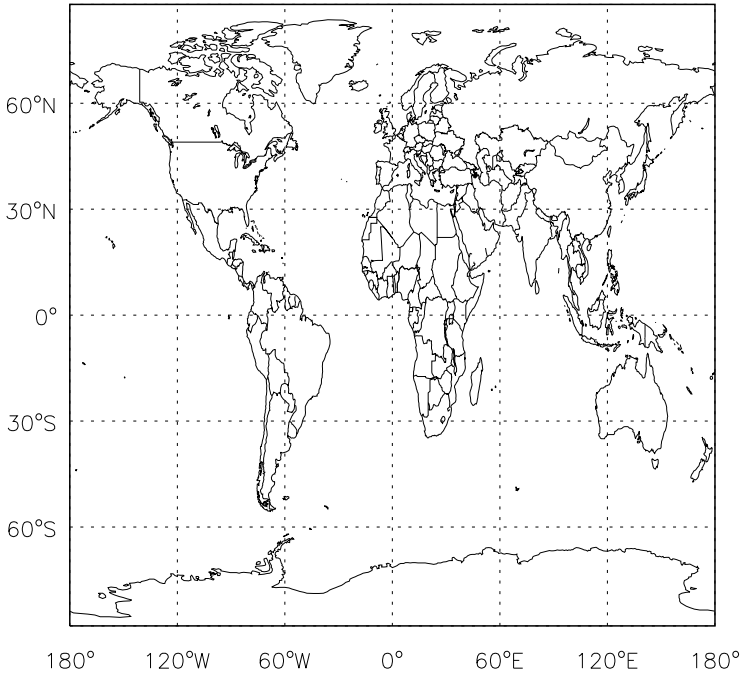
v11-01d-Run0 / v10-01-public-Run0
N2O / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

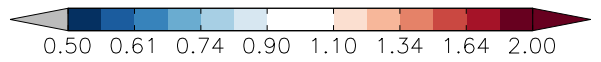
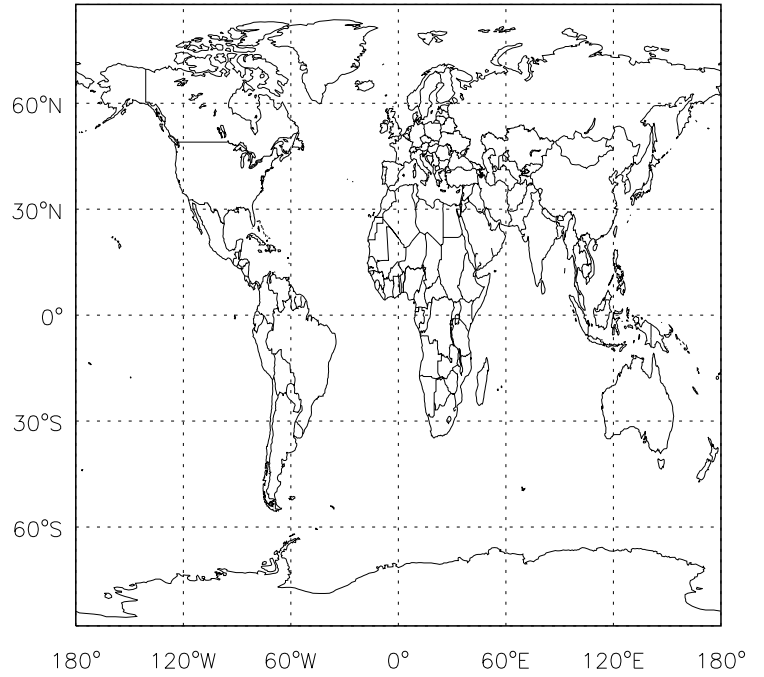
v11-01d-Run0 / v11-01b-Run0

OCS / Ratio @ Surface for Jul



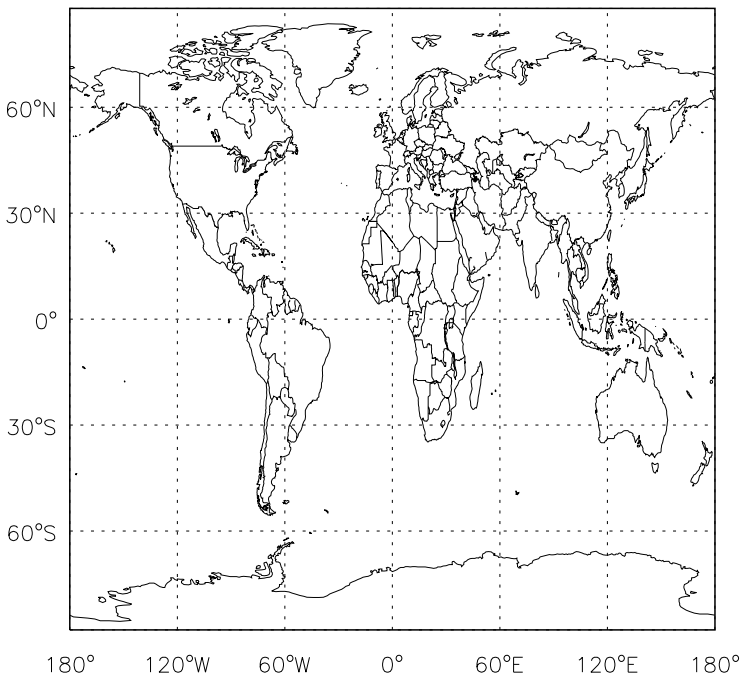
v11-01d-Run0 / v11-01b-Run0

OCS / Ratio @ 500 hPa for Jul



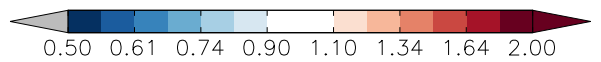
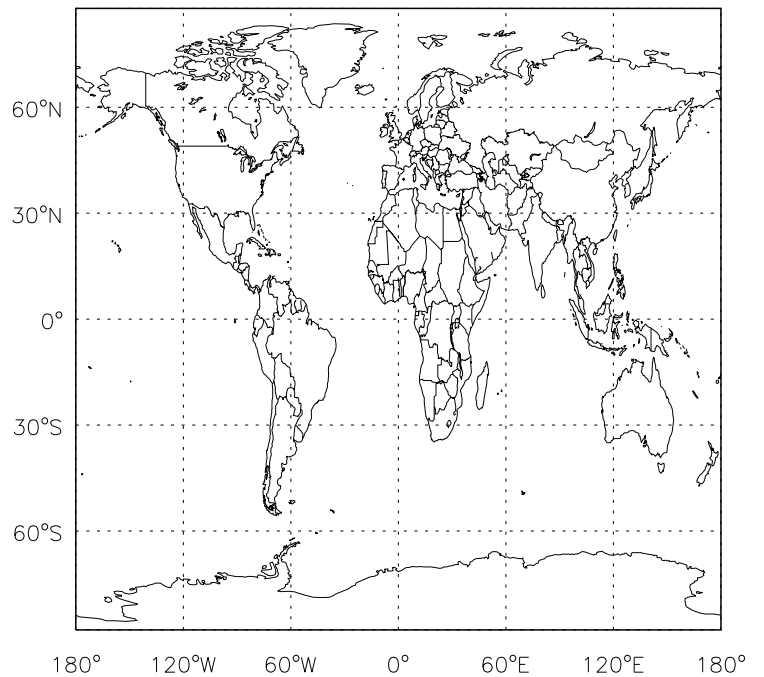
v11-01d-Run0 / v10-01-public-Run0

OCS / Ratio @ Surface for Jul



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

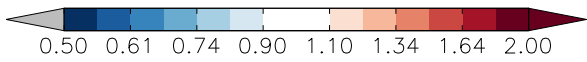
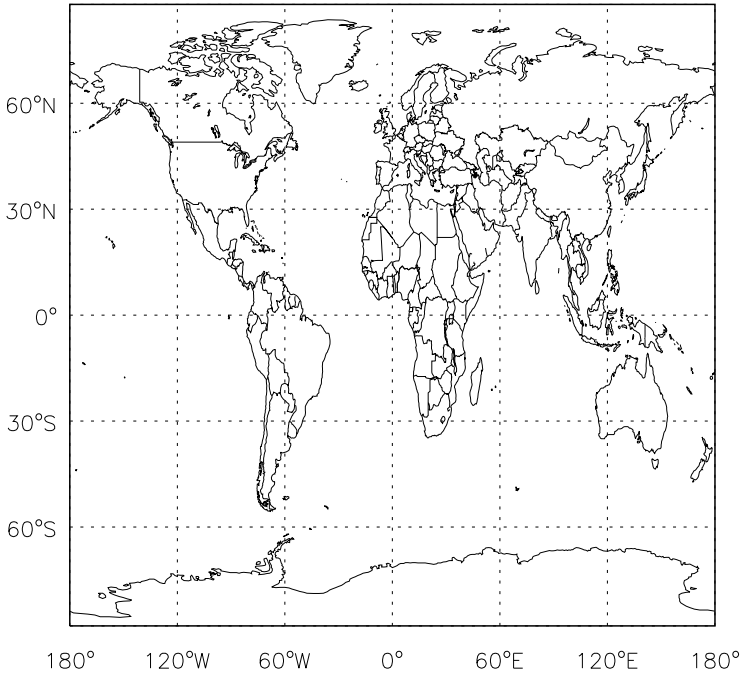
OCS / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

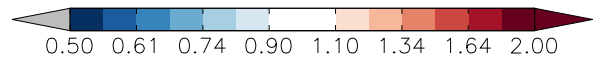
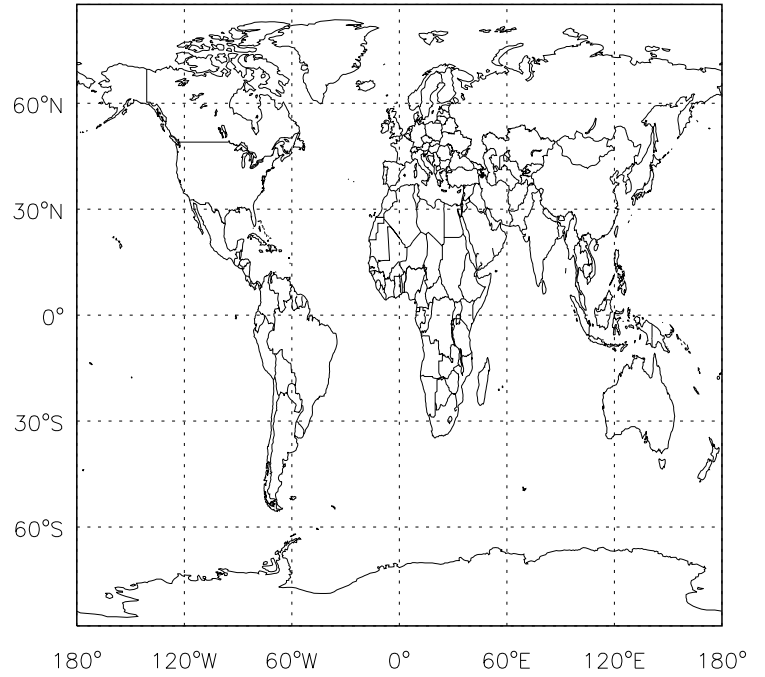
v11-01d-Run0 / v11-01b-Run0

CH4 / Ratio @ Surface for Jul



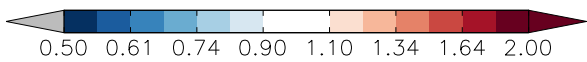
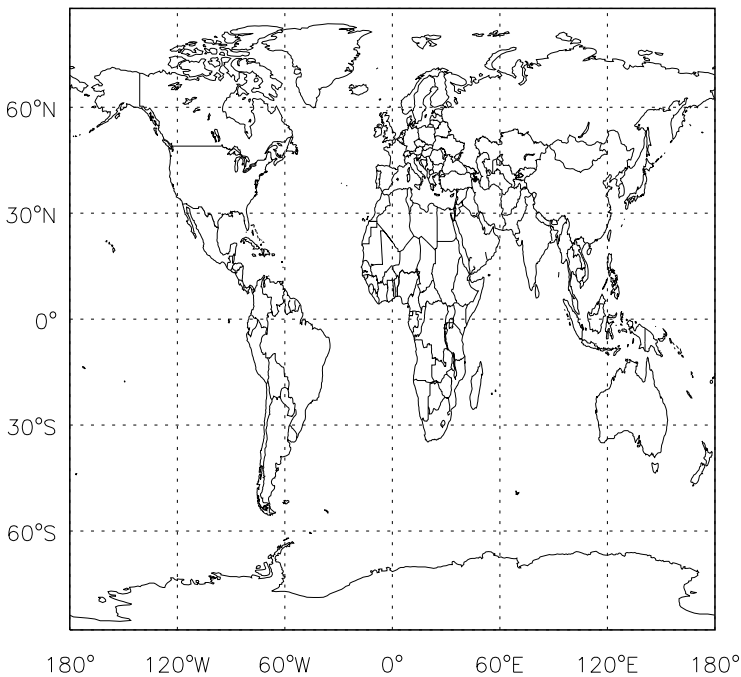
v11-01d-Run0 / v11-01b-Run0

CH4 / Ratio @ 500 hPa for Jul



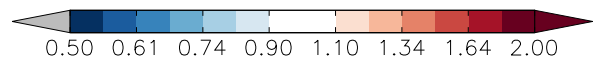
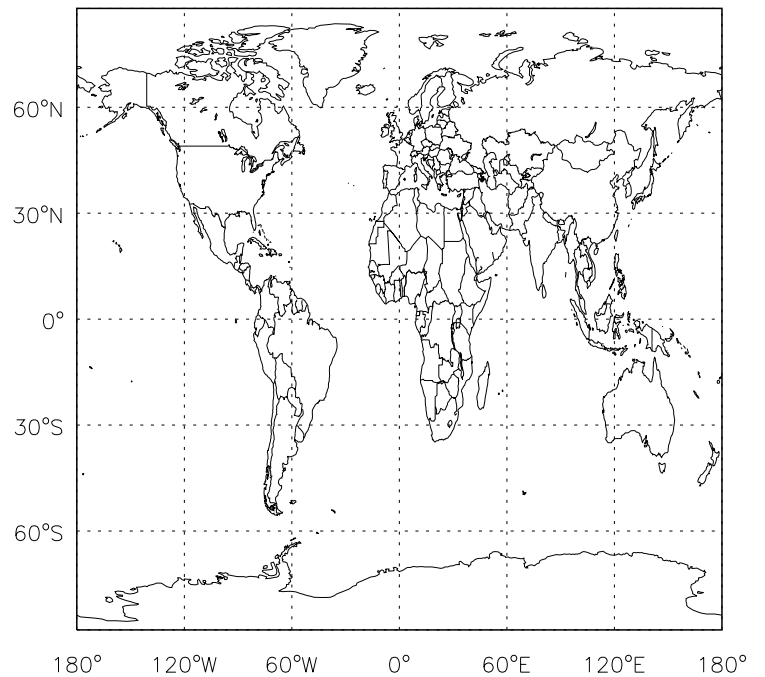
v11-01d-Run0 / v10-01-public-Run0

CH4 / Ratio @ Surface for Jul



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

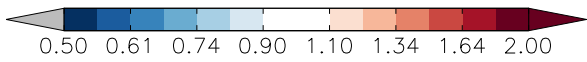
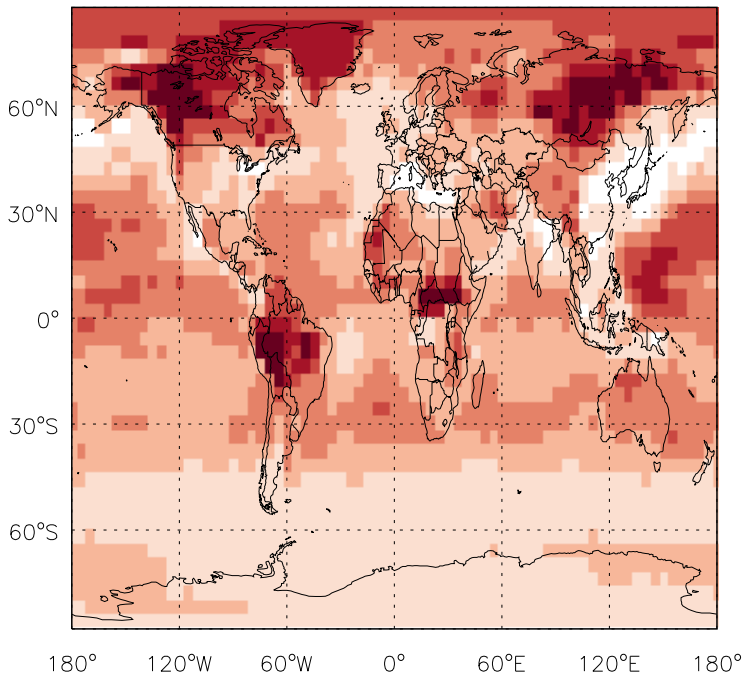
CH4 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

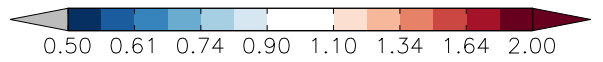
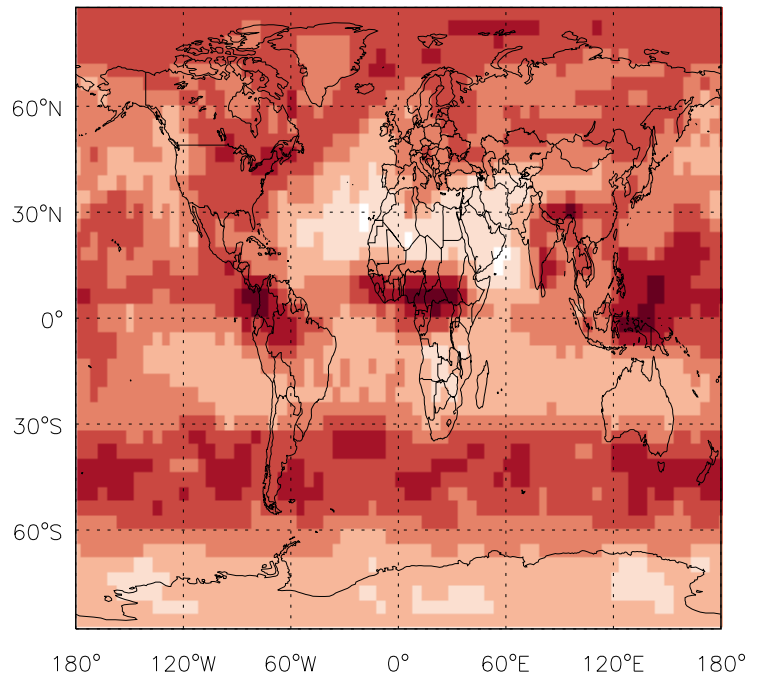
v11-01d-Run0 / v11-01b-Run0

BrCl / Ratio @ Surface for Jul



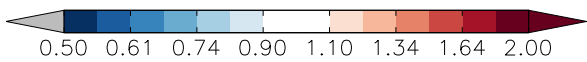
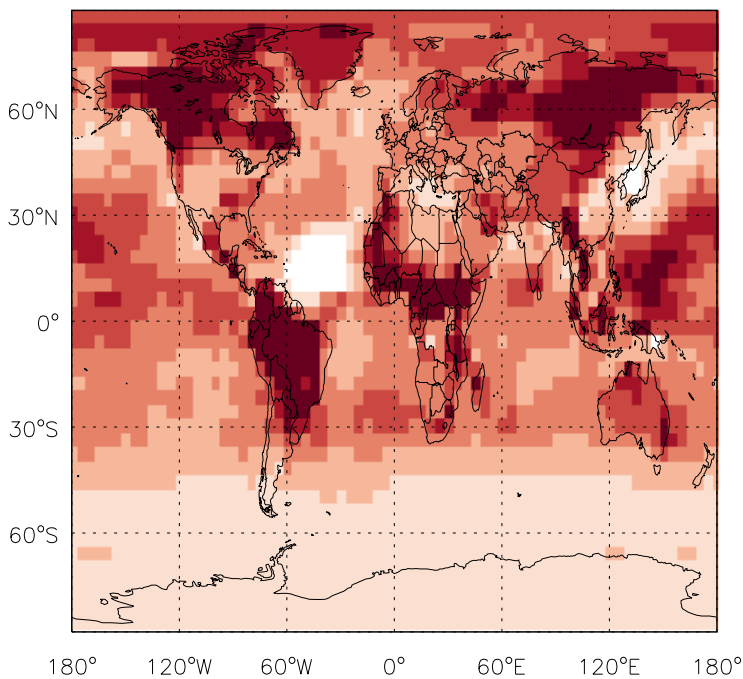
v11-01d-Run0 / v11-01b-Run0

BrCl / Ratio @ 500 hPa for Jul



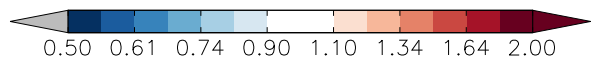
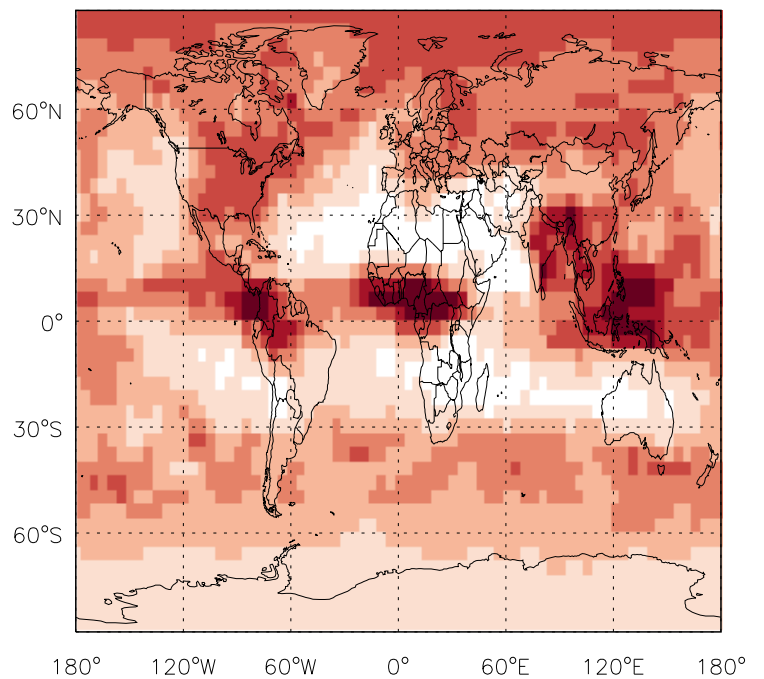
v11-01d-Run0 / v10-01-public-Run0

BrCl / Ratio @ Surface for Jul



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

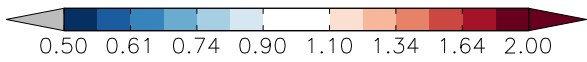
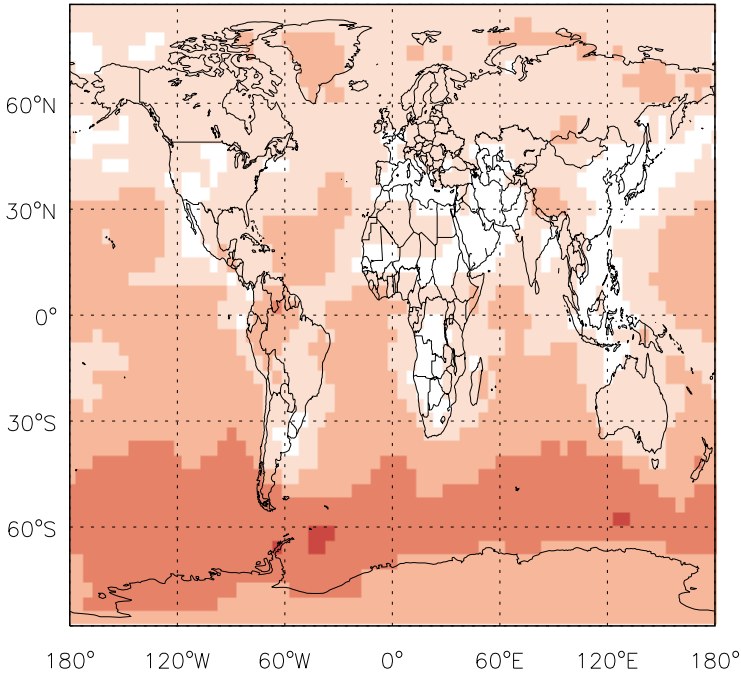
BrCl / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

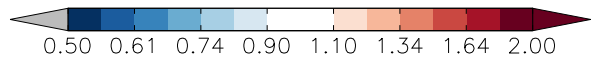
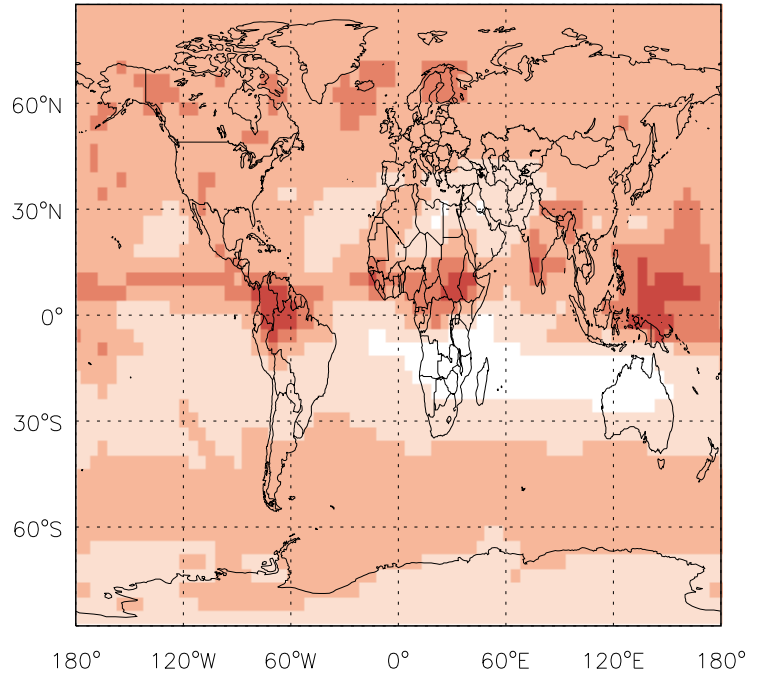
v11-01d-Run0 / v11-01b-Run0

HCl / Ratio @ Surface for Jul



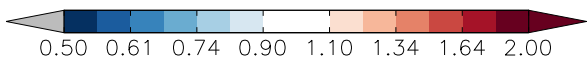
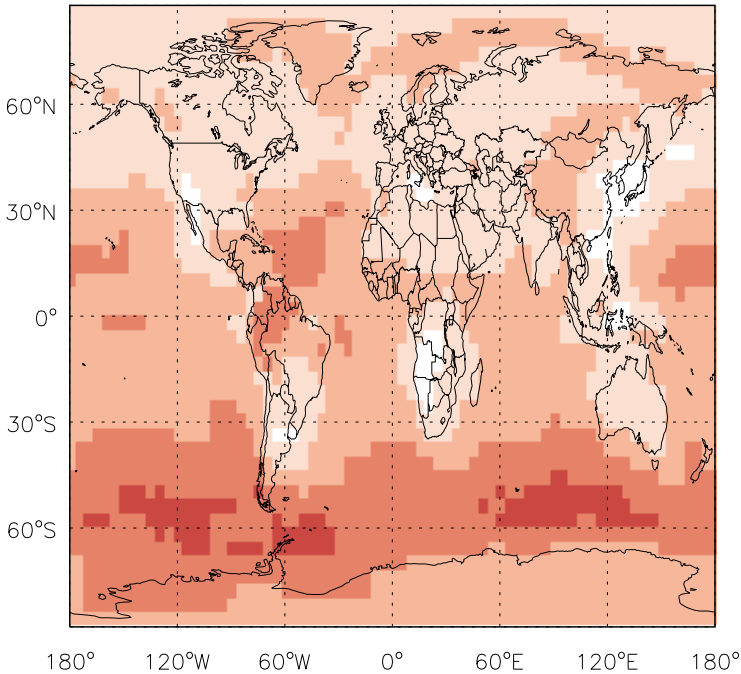
v11-01d-Run0 / v11-01b-Run0

HCl / Ratio @ 500 hPa for Jul



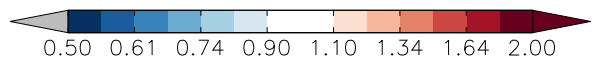
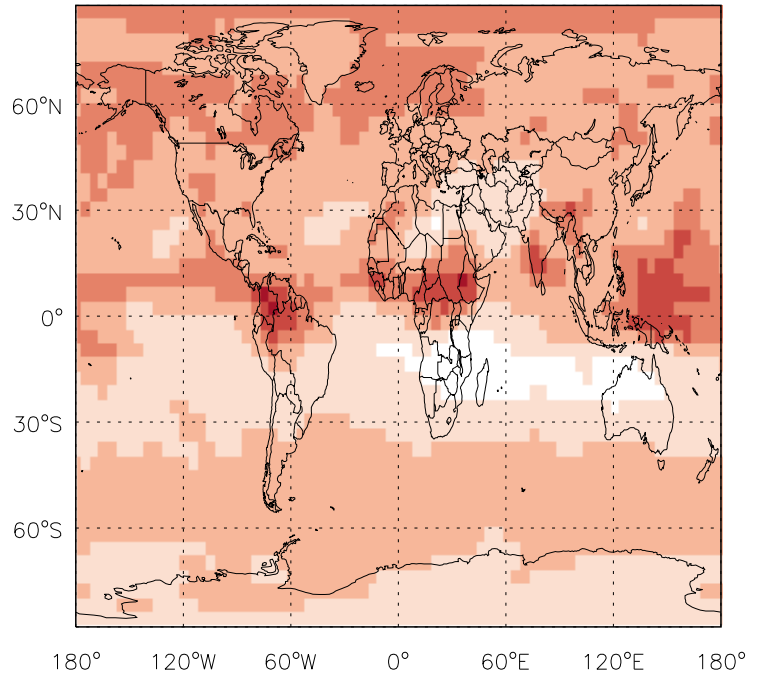
v11-01d-Run0 / v10-01-public-Run0

HCl / Ratio @ Surface for Jul



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

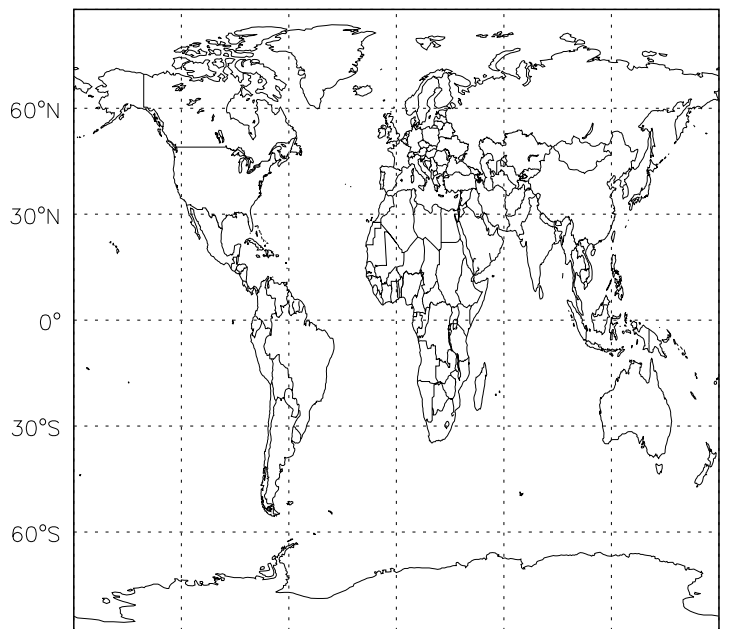
HCl / Ratio @ 500 hPa for Jul



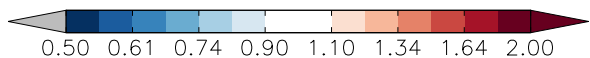
GEOS-Chem Ratio Maps at surface and 500 hPa

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

CCI4 / Ratio @ Surface for Jul



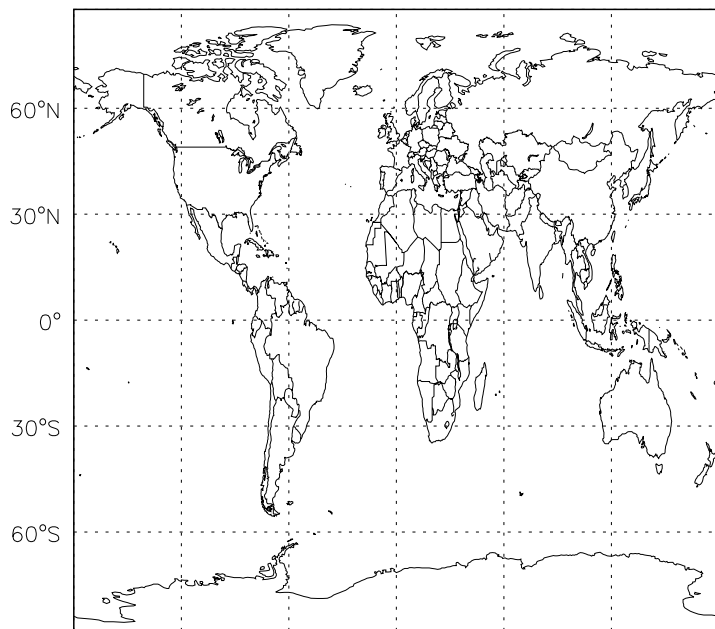
180° 120°W 60°W 0° 60°E 120°E 180°



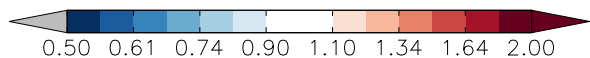
0.50 0.61 0.74 0.90 1.10 1.34 1.64 2.00

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

CCI4/ Ratio @ 500 hPa for Jul



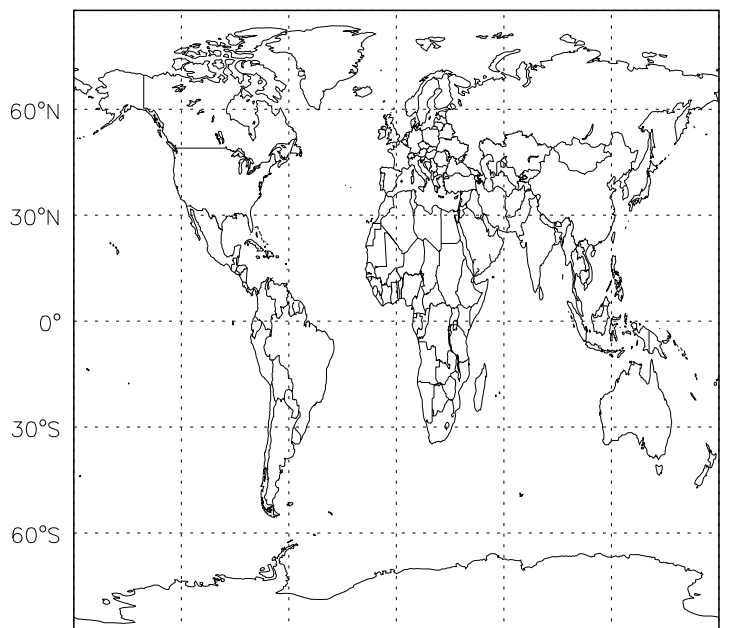
180° 120°W 60°W 0° 60°E 120°E 180°



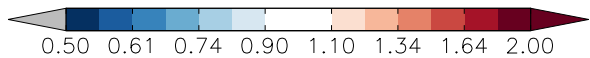
0.50 0.61 0.74 0.90 1.10 1.34 1.64 2.00

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

CCI4 / Ratio @ Surface for Jul



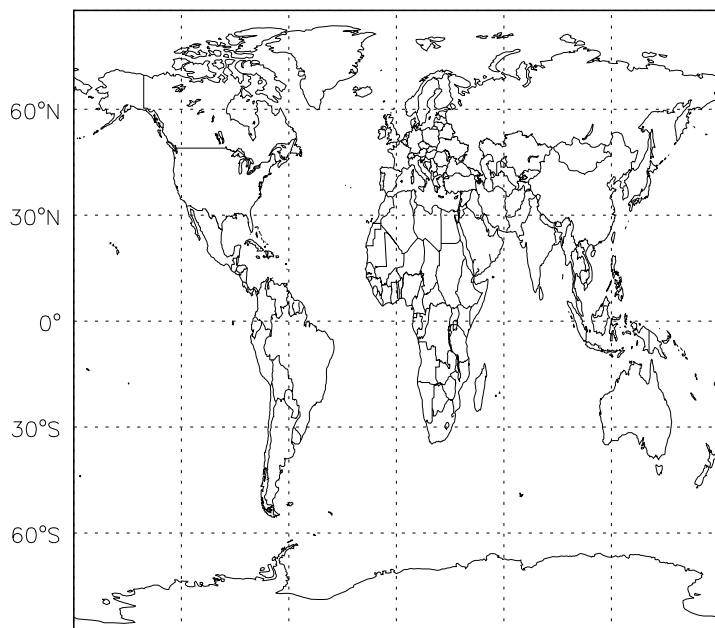
180° 120°W 60°W 0° 60°E 120°E 180°



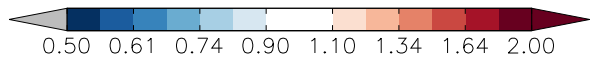
0.50 0.61 0.74 0.90 1.10 1.34 1.64 2.00

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

CCI4/ Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

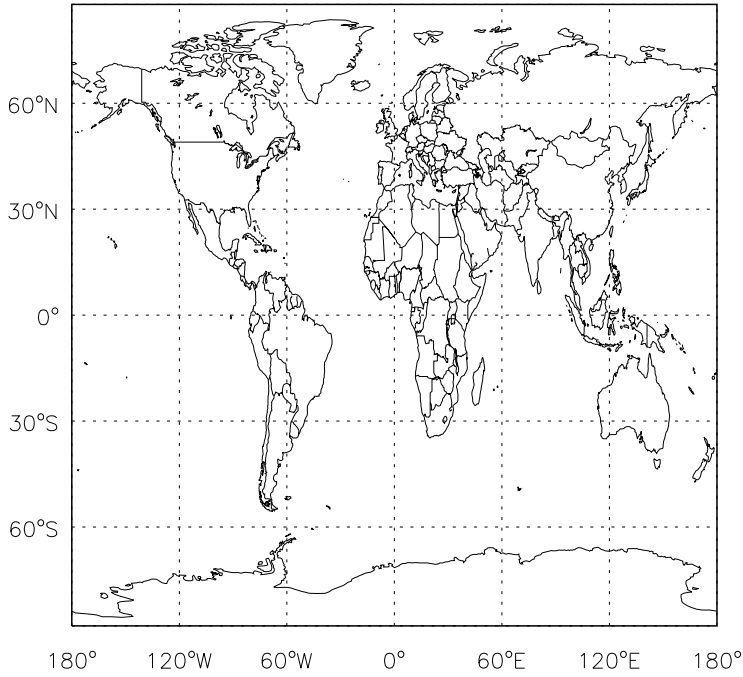


0.50 0.61 0.74 0.90 1.10 1.34 1.64 2.00

GEOS-Chem Ratio Maps at surface and 500 hPa

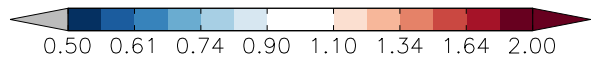
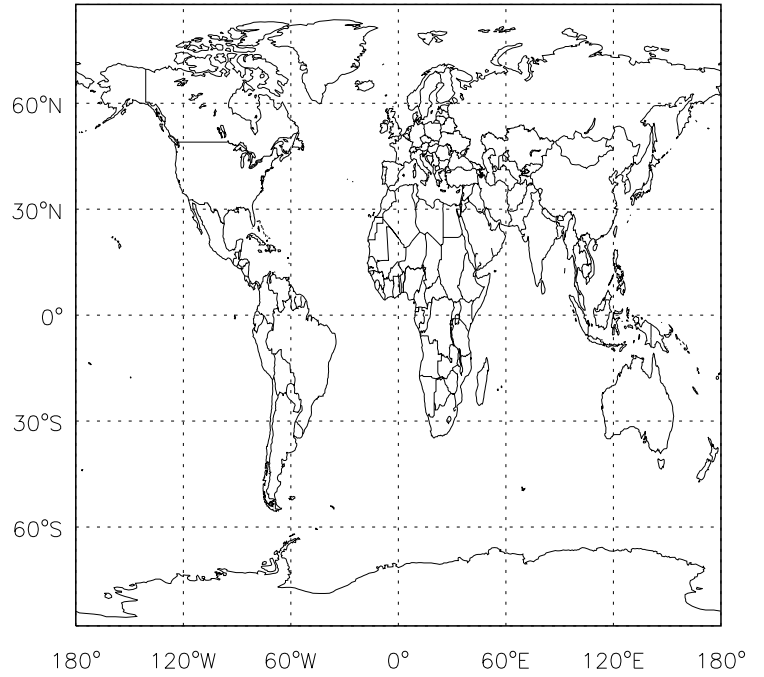
v11-01d-Run0 / v11-01b-Run0

CH3Cl / Ratio @ Surface for Jul



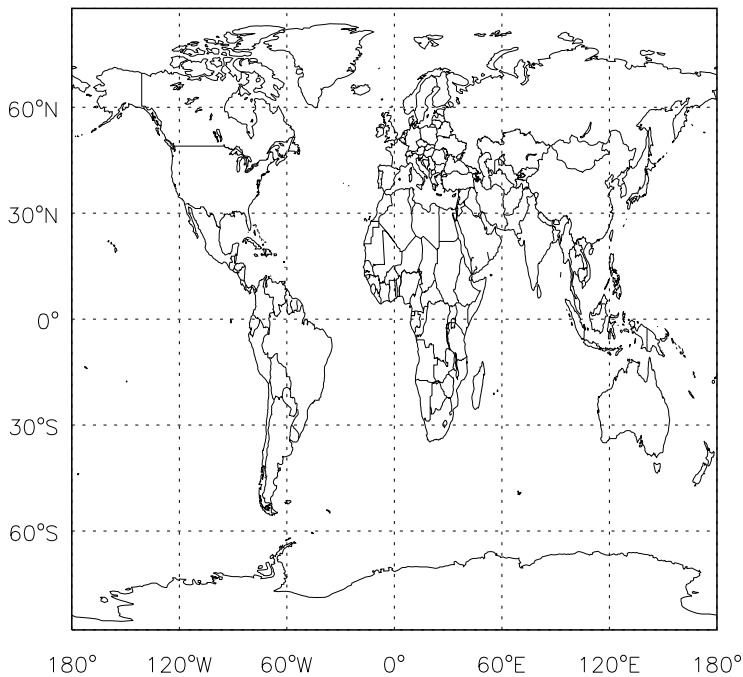
v11-01d-Run0 / v11-01b-Run0

CH3Cl/ Ratio @ 500 hPa for Jul



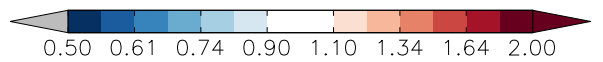
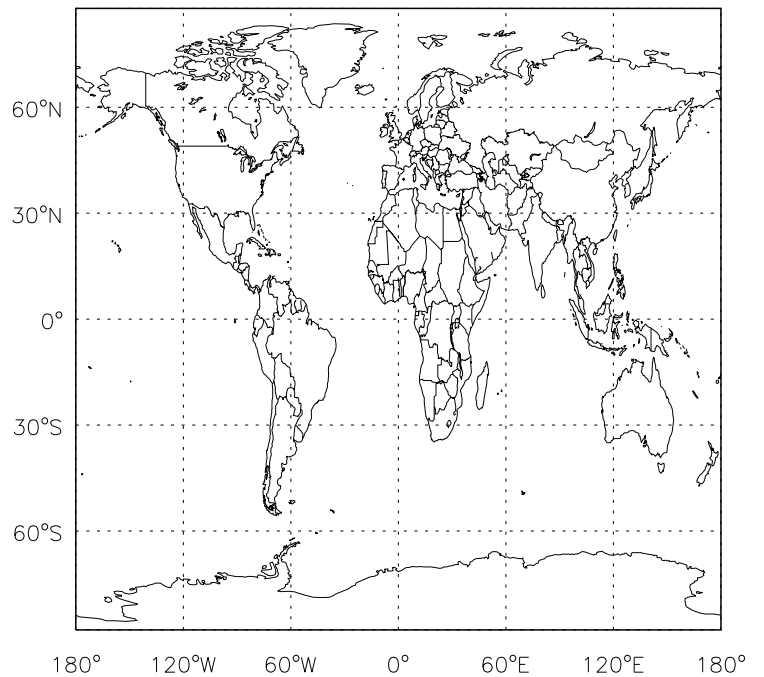
v11-01d-Run0 / v10-01-public-Run0

CH3Cl / Ratio @ Surface for Jul



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

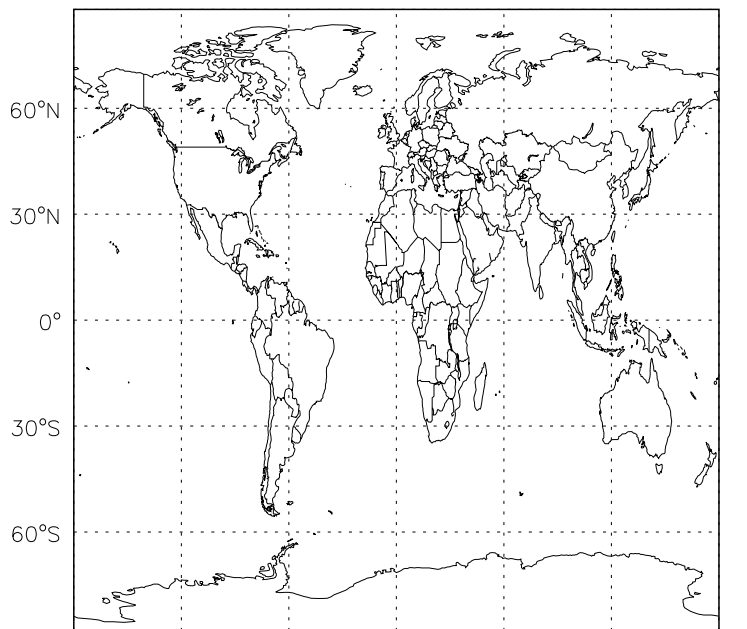
CH3Cl/ Ratio @ 500 hPa for Jul



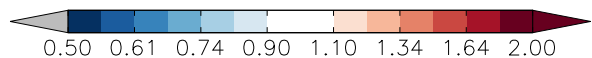
GEOS-Chem Ratio Maps at surface and 500 hPa

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

CH₃CCl₃ / Ratio @ Surface for Jul

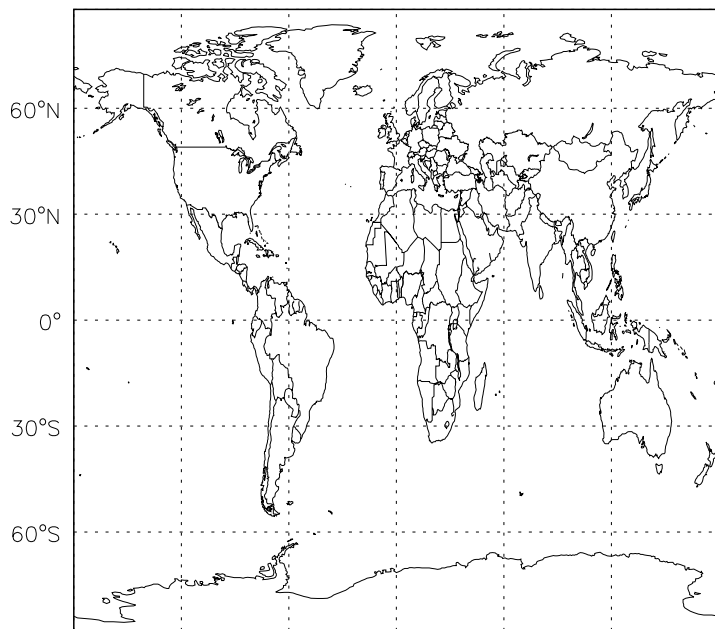


180° 120°W 60°W 0° 60°E 120°E 180°

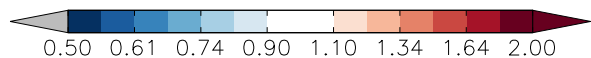


v11-01d-Run0 / v11-01b-Run0

CH₃CCl₃/ Ratio @ 500 hPa for Jul

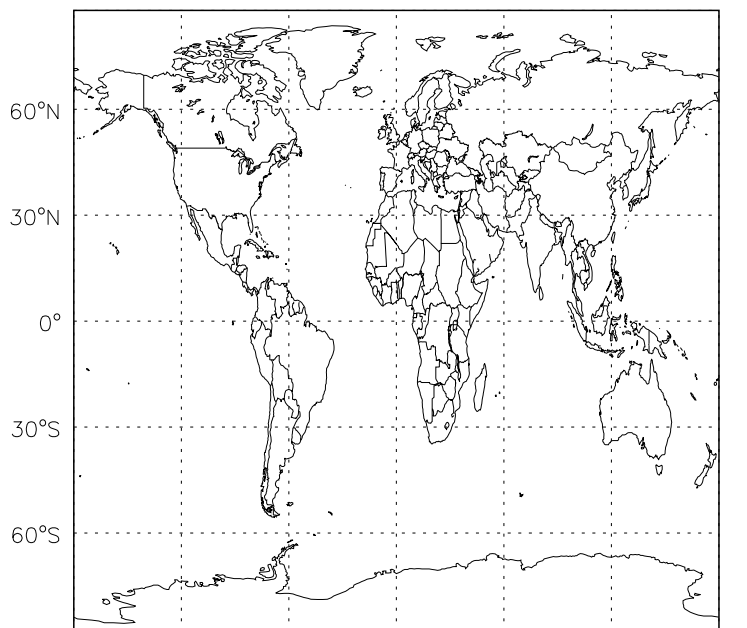


180° 120°W 60°W 0° 60°E 120°E 180°

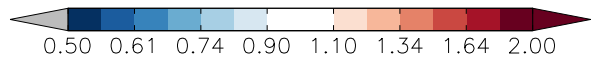


v11-01d-Run0 / v10-01-public-Run0

CH₃CCl₃ / Ratio @ Surface for Jul

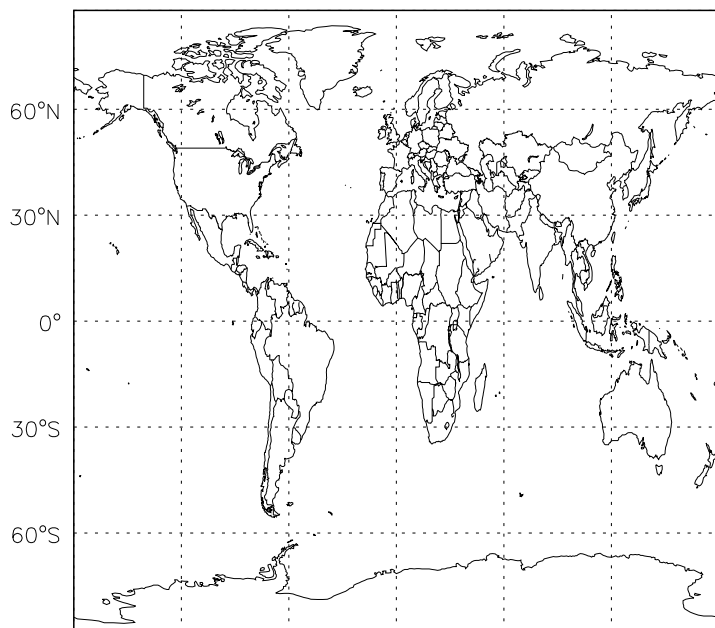


180° 120°W 60°W 0° 60°E 120°E 180°

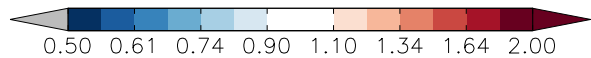


v11-01d-Run0 / v10-01-public-Run0

CH₃CCl₃/ Ratio @ 500 hPa for Jul



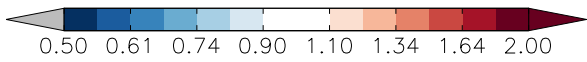
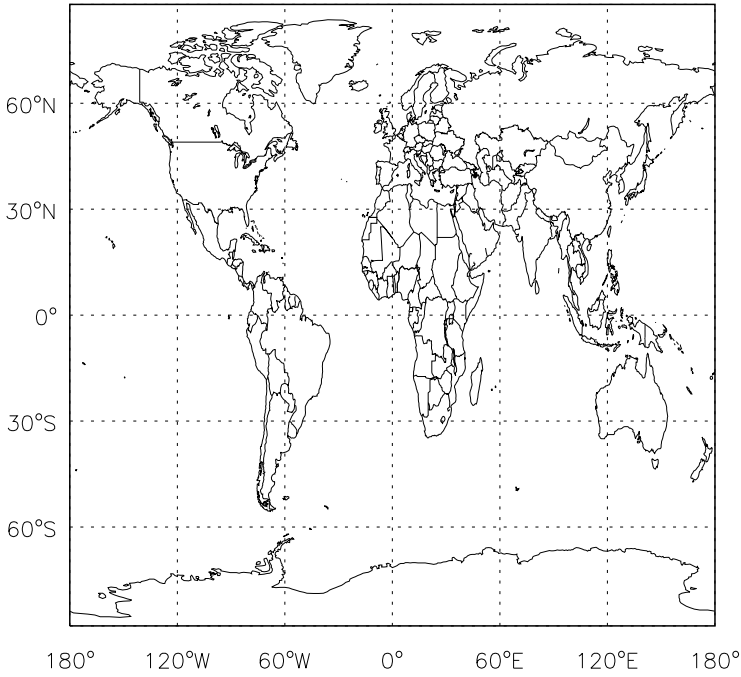
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

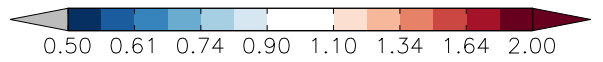
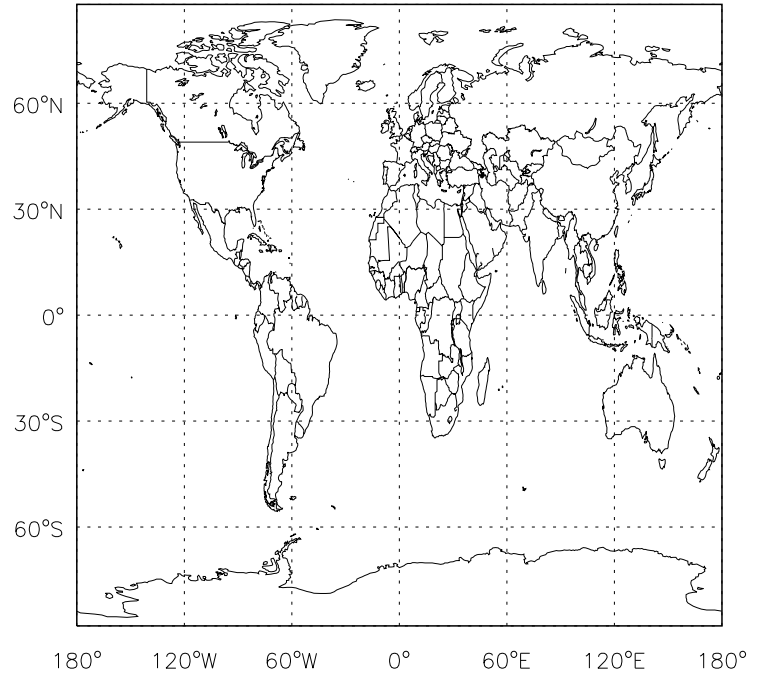
v11-01d-Run0 / v11-01b-Run0

CFCX / Ratio @ Surface for Jul



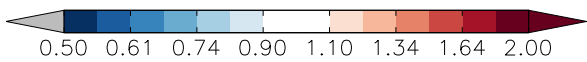
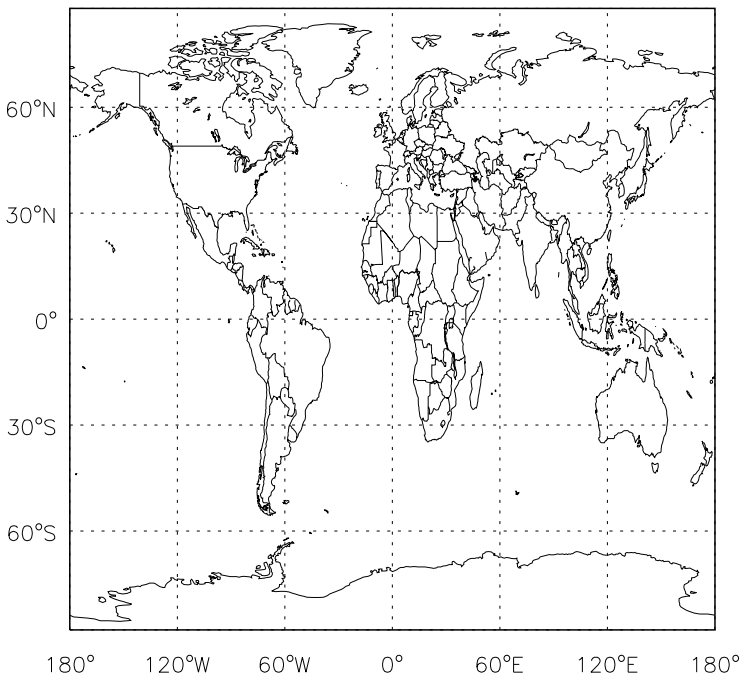
v11-01d-Run0 / v11-01b-Run0

CFCX/ Ratio @ 500 hPa for Jul



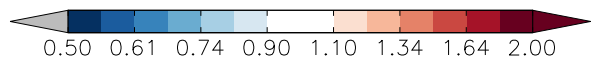
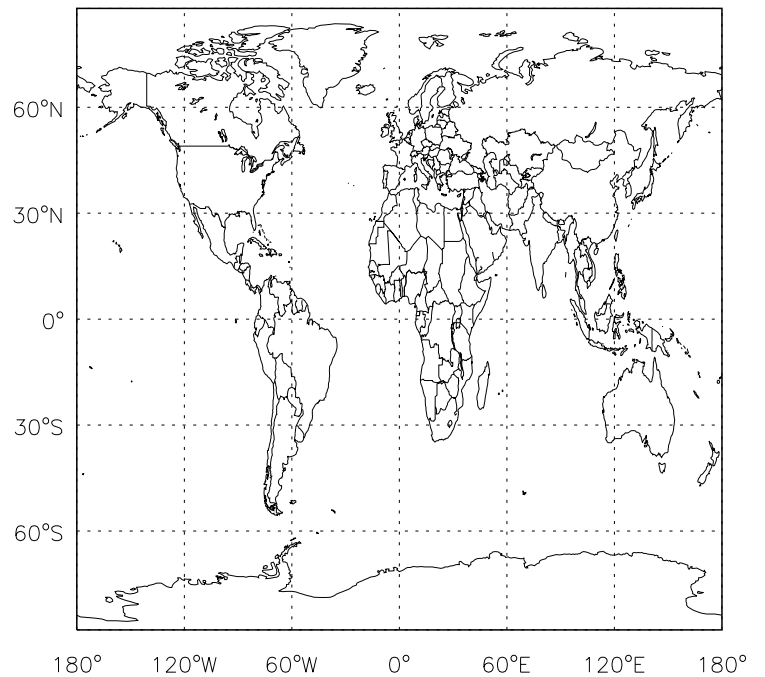
v11-01d-Run0 / v10-01-public-Run0

CFCX / Ratio @ Surface for Jul



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

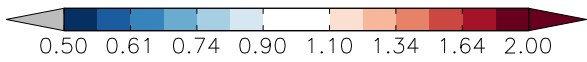
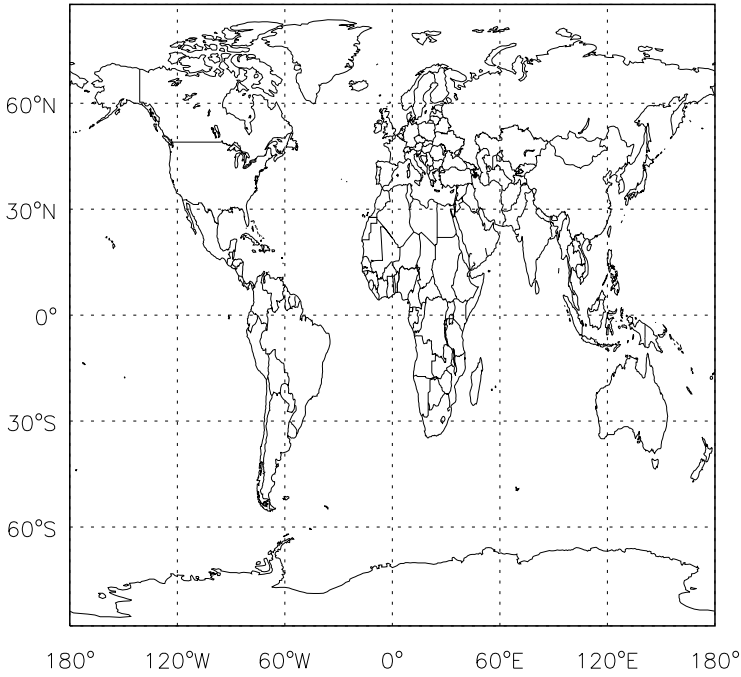
CFCX/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

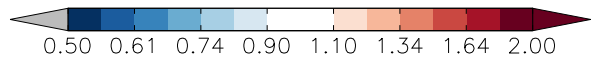
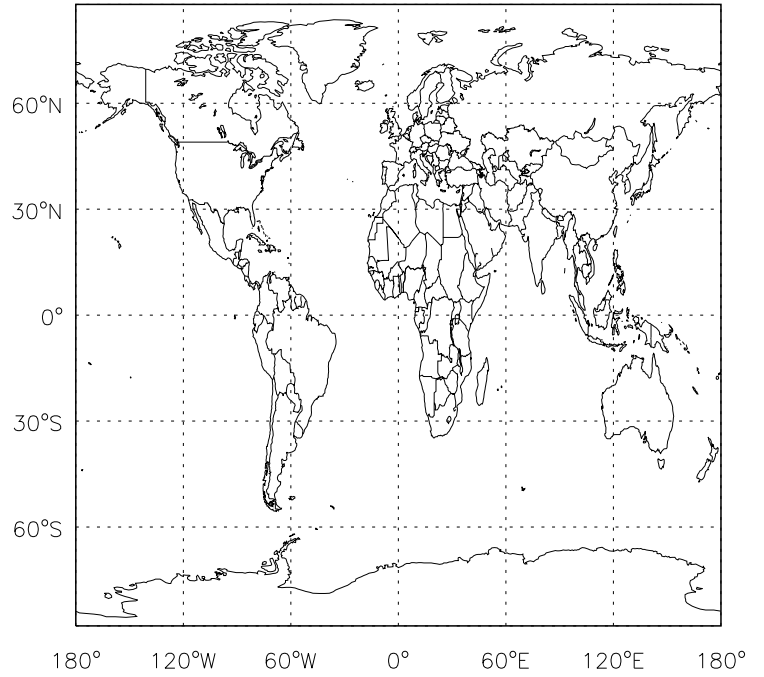
v11-01d-Run0 / v11-01b-Run0

HCFCX / Ratio @ Surface for Jul



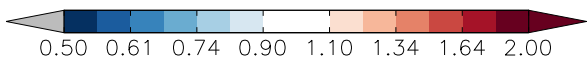
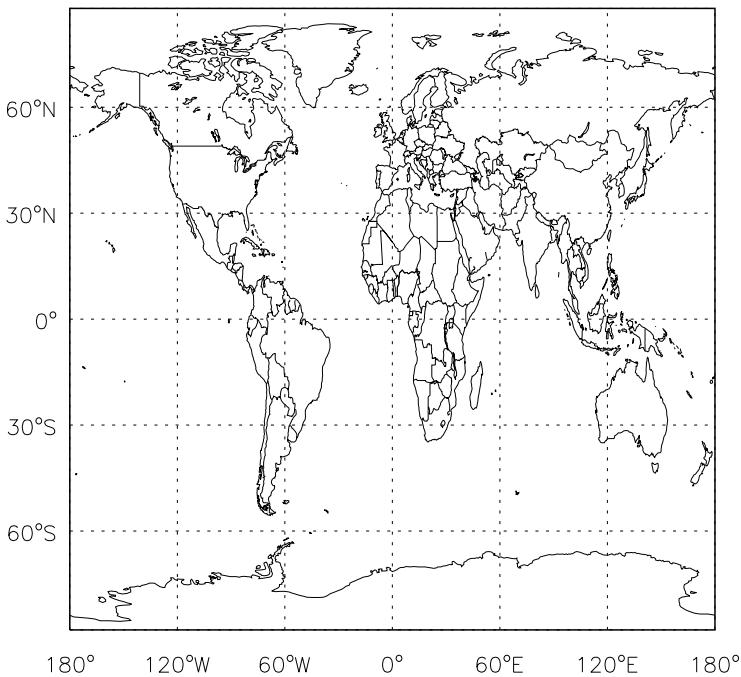
v11-01d-Run0 / v11-01b-Run0

HCFCX/ Ratio @ 500 hPa for Jul



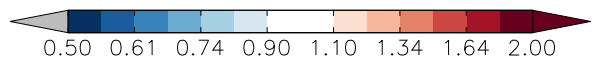
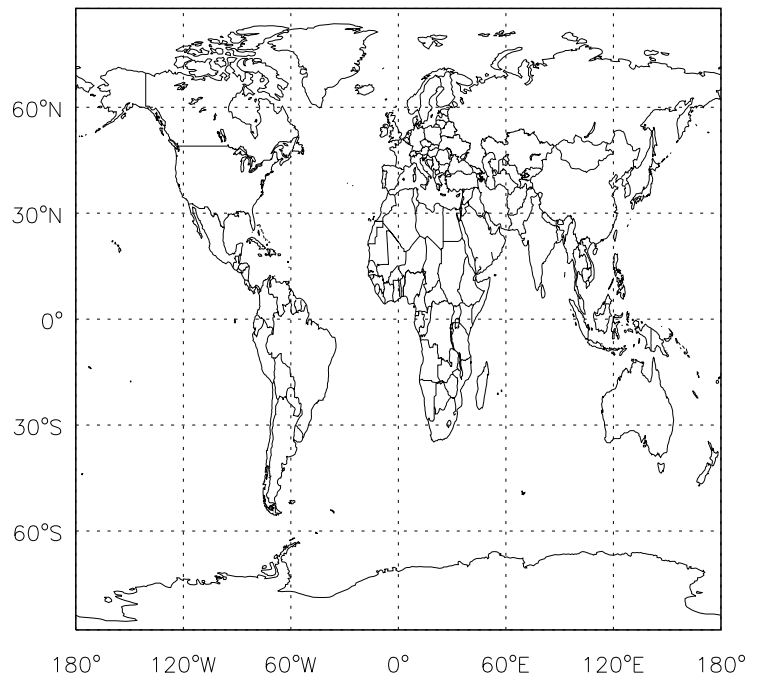
v11-01d-Run0 / v10-01-public-Run0

HCFCX / Ratio @ Surface for Jul



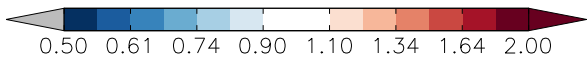
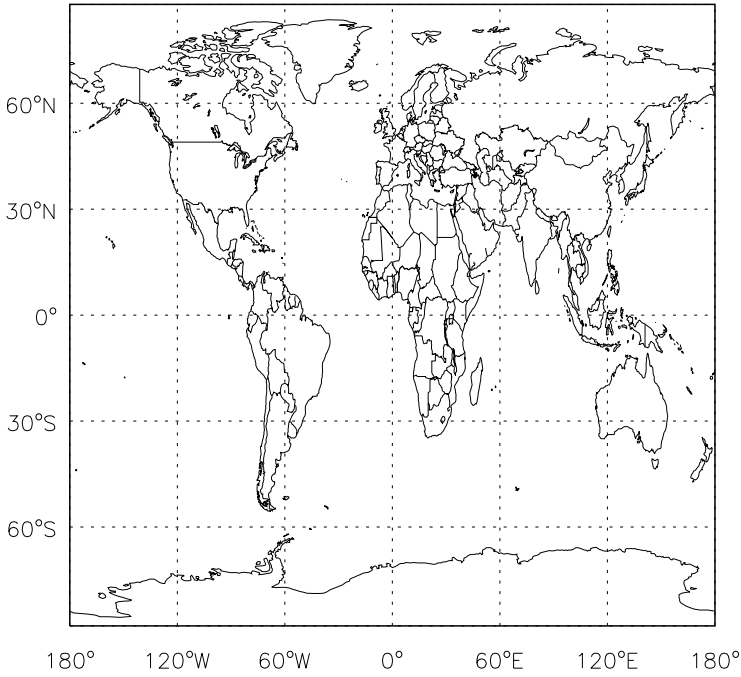
v11-01d-Run0 / v10-01-public-Run0

HCFCX/ Ratio @ 500 hPa for Jul

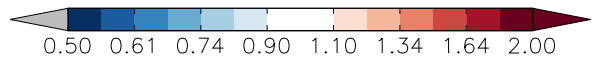
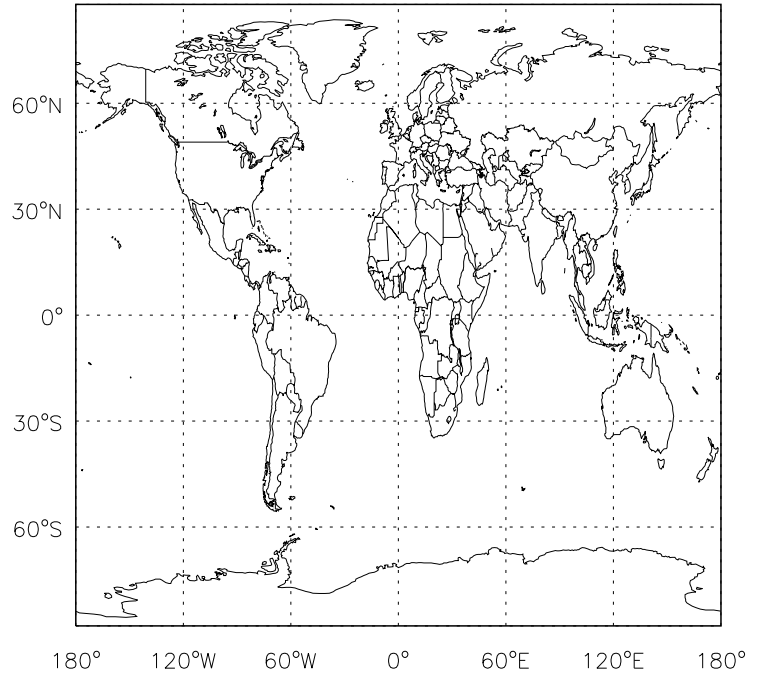


GEOS-Chem Ratio Maps at surface and 500 hPa

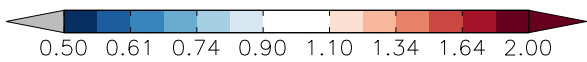
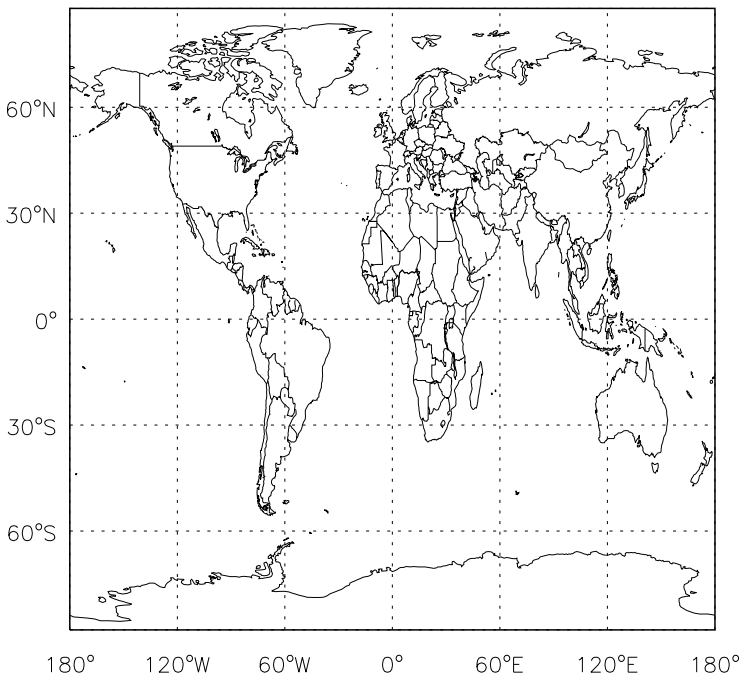
v11-01d-Run0 / v11-01b-Run0
CFC11 / Ratio @ Surface for Jul



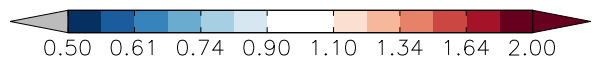
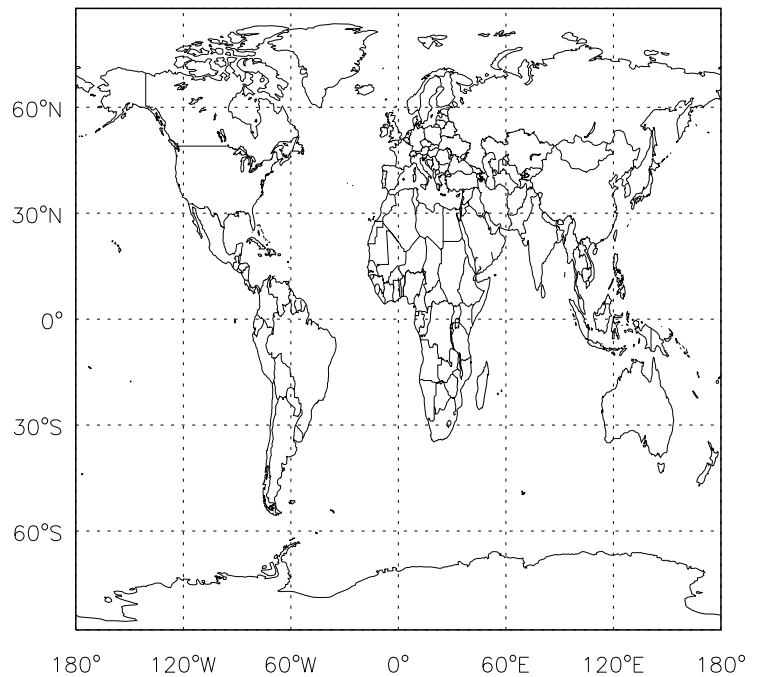
v11-01d-Run0 / v11-01b-Run0
CFC11/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
CFC11 / Ratio @ Surface for Jul

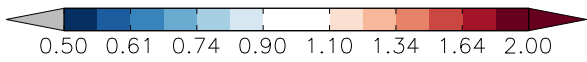
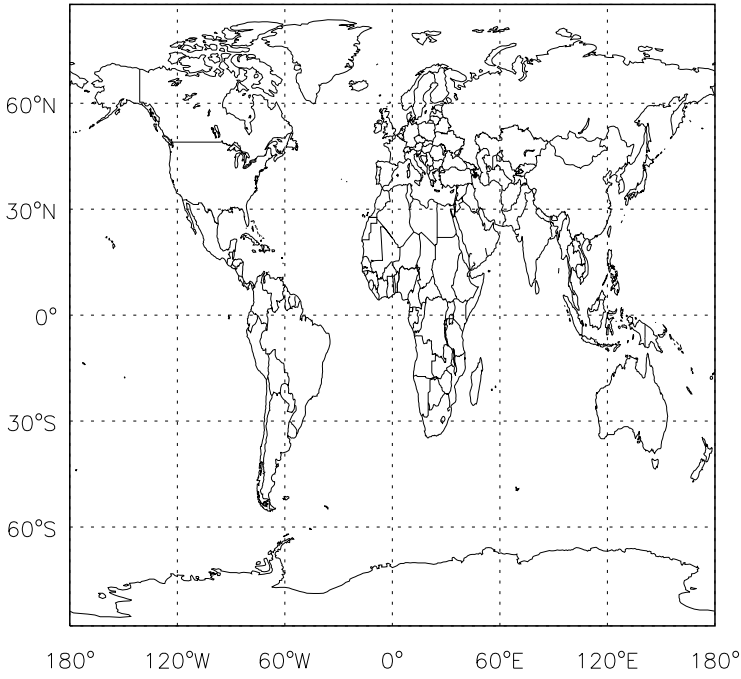


v11-01d-Run0 / v10-01-public-Run0
CFC11/ Ratio @ 500 hPa for Jul

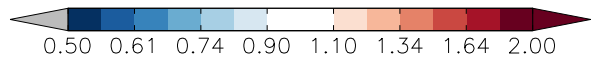
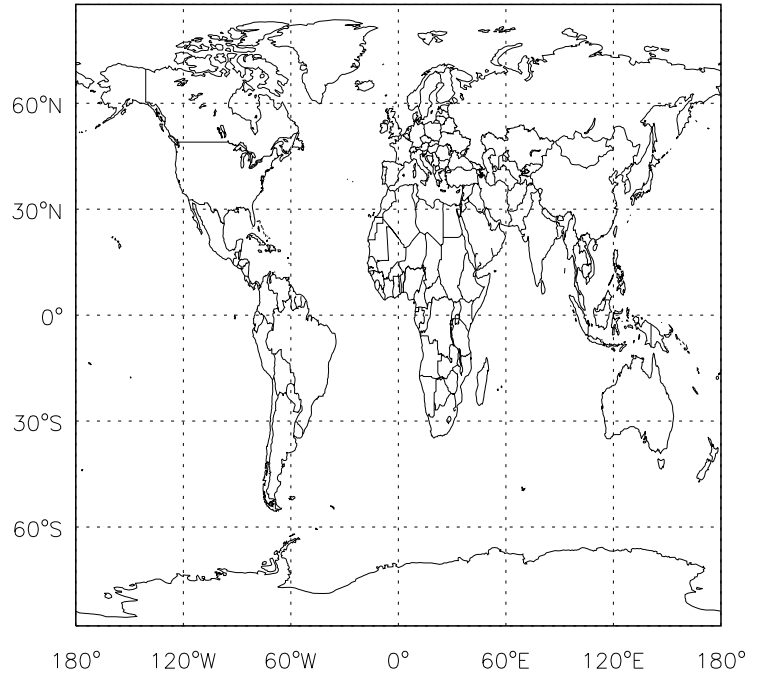


GEOS-Chem Ratio Maps at surface and 500 hPa

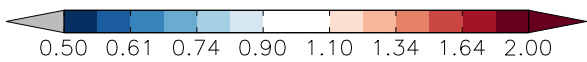
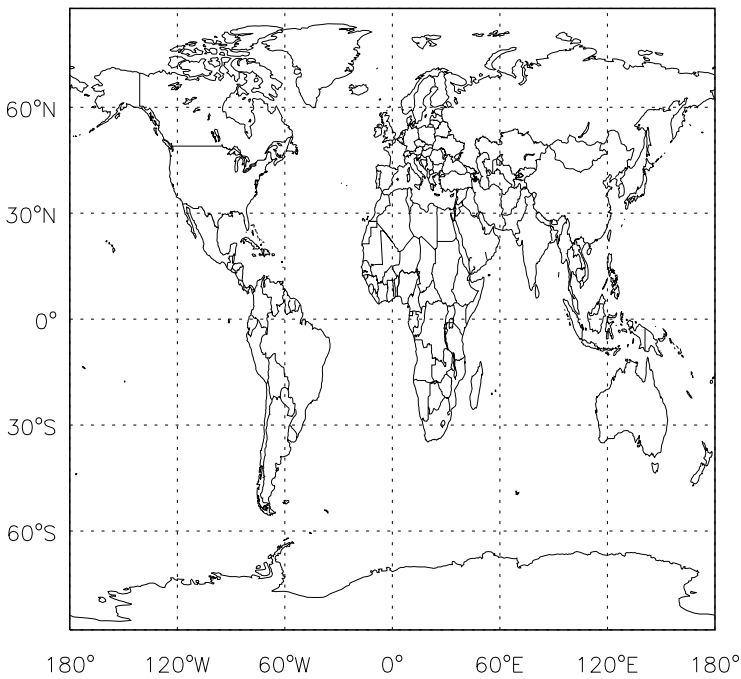
v11-01d-Run0 / v11-01b-Run0
CFC12 / Ratio @ Surface for Jul



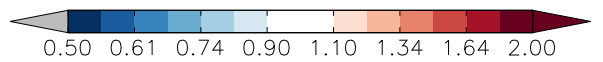
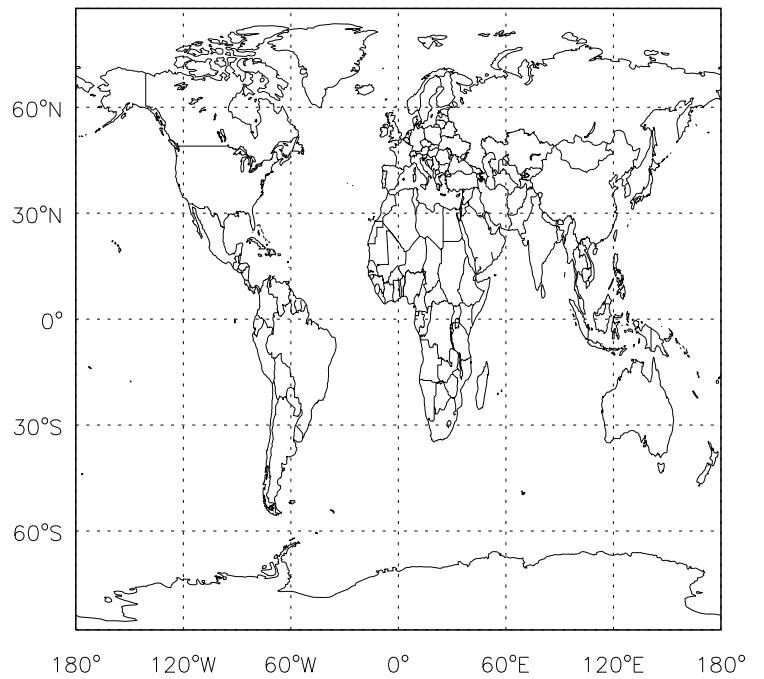
v11-01d-Run0 / v11-01b-Run0
CFC12/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
CFC12 / Ratio @ Surface for Jul



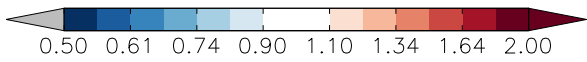
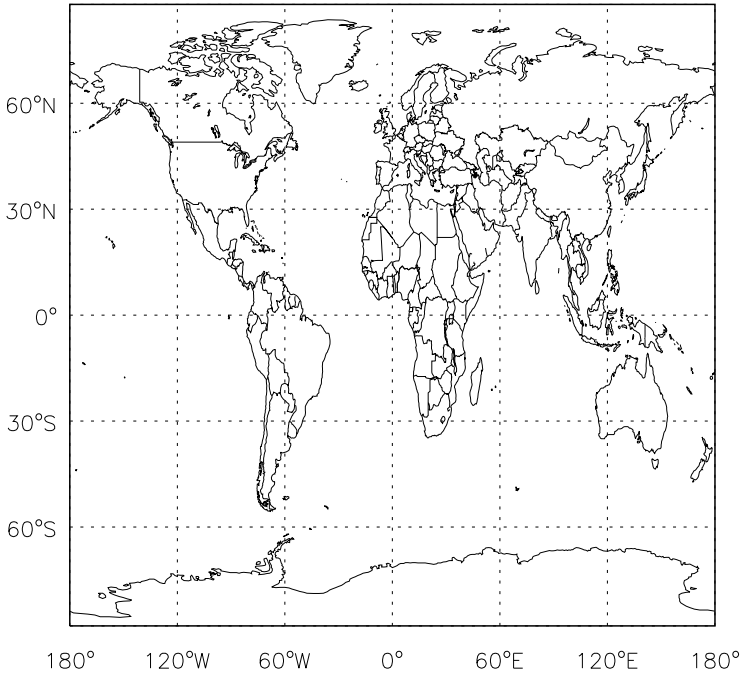
v11-01d-Run0 / v10-01-public-Run0
CFC12/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

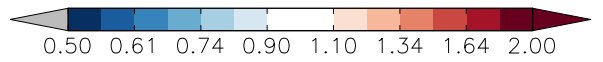
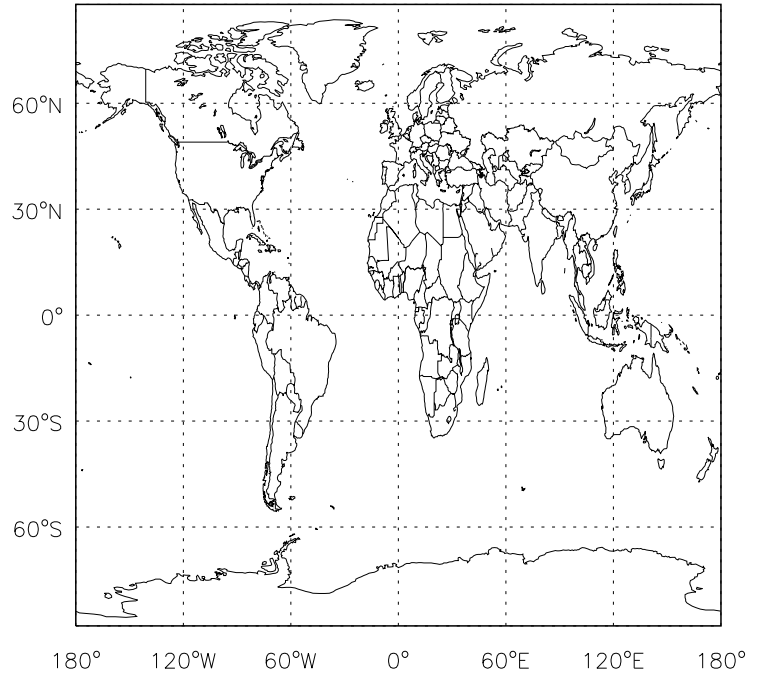
v11-01d-Run0 / v11-01b-Run0

HCFC22 / Ratio @ Surface for Jul



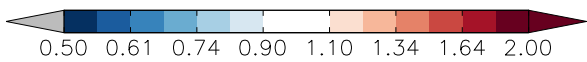
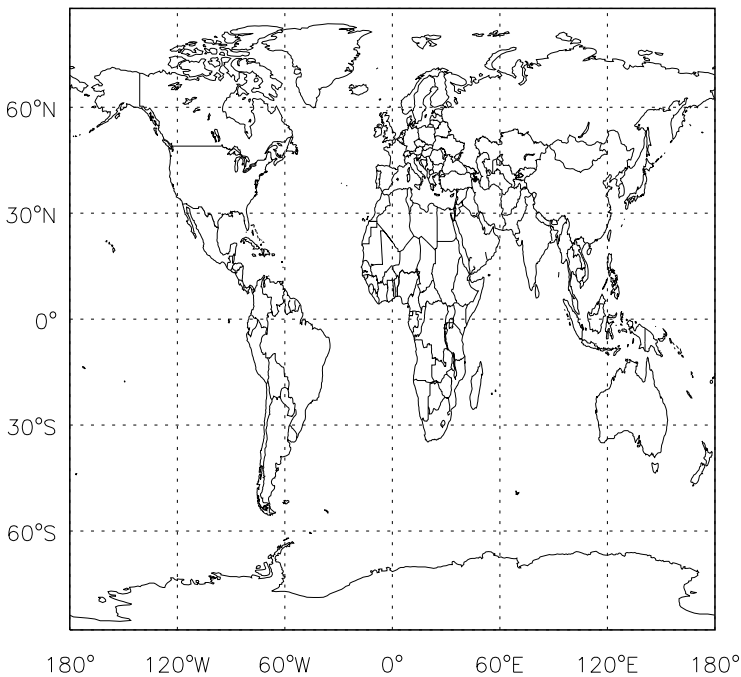
v11-01d-Run0 / v11-01b-Run0

HCFC22 / Ratio @ 500 hPa for Jul



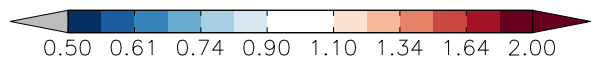
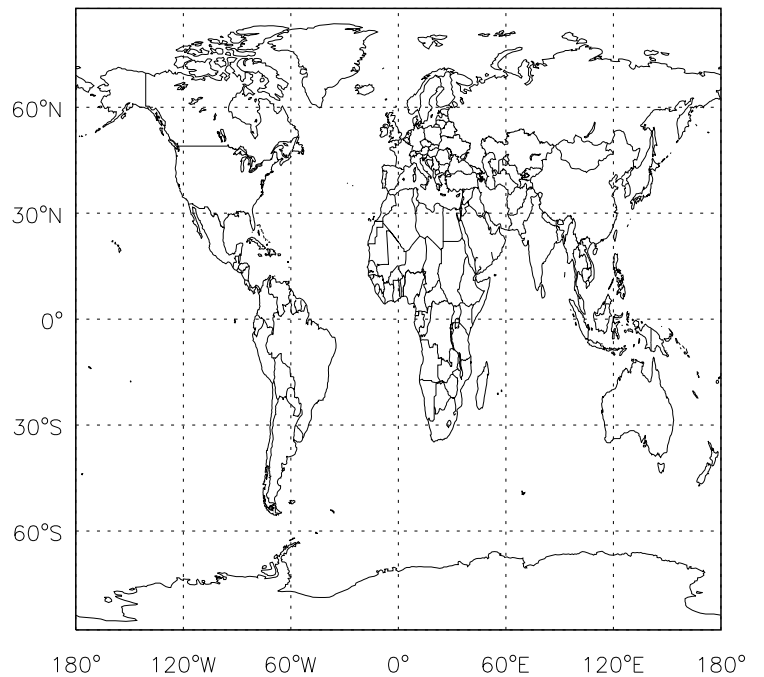
v11-01d-Run0 / v10-01-public-Run0

HCFC22 / Ratio @ Surface for Jul



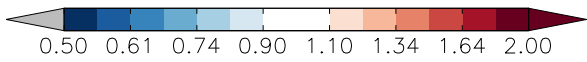
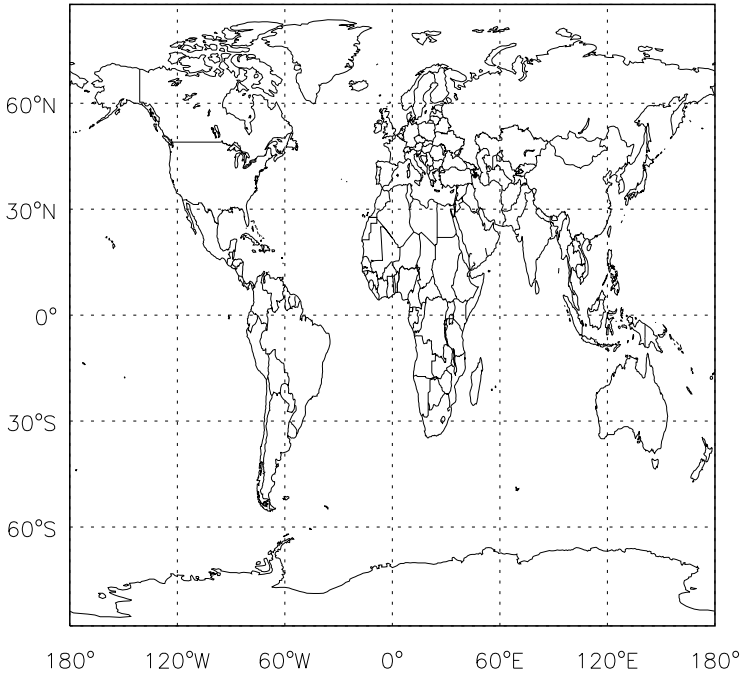
v11-01d-Run0 / v10-01-public-Run0

HCFC22 / Ratio @ 500 hPa for Jul

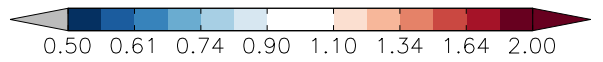
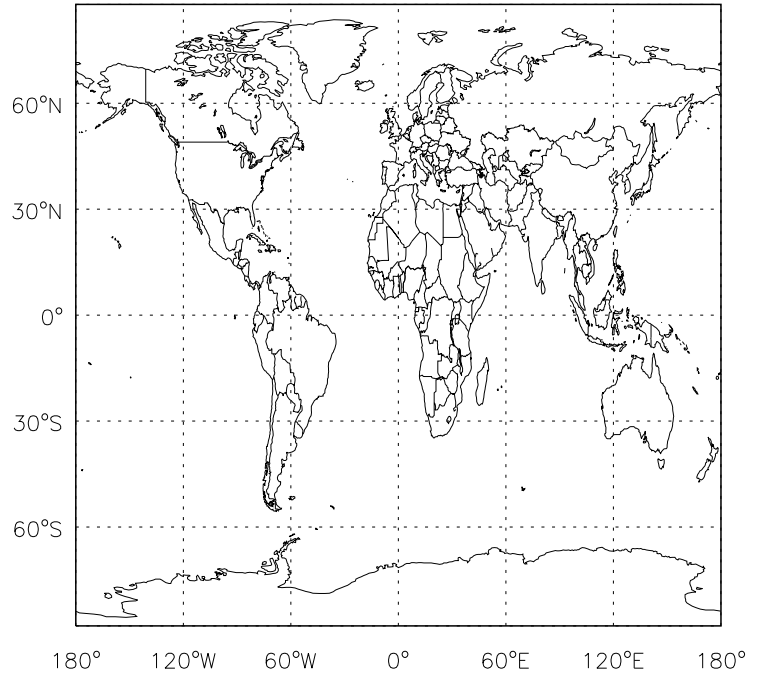


GEOS-Chem Ratio Maps at surface and 500 hPa

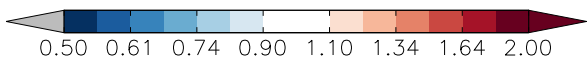
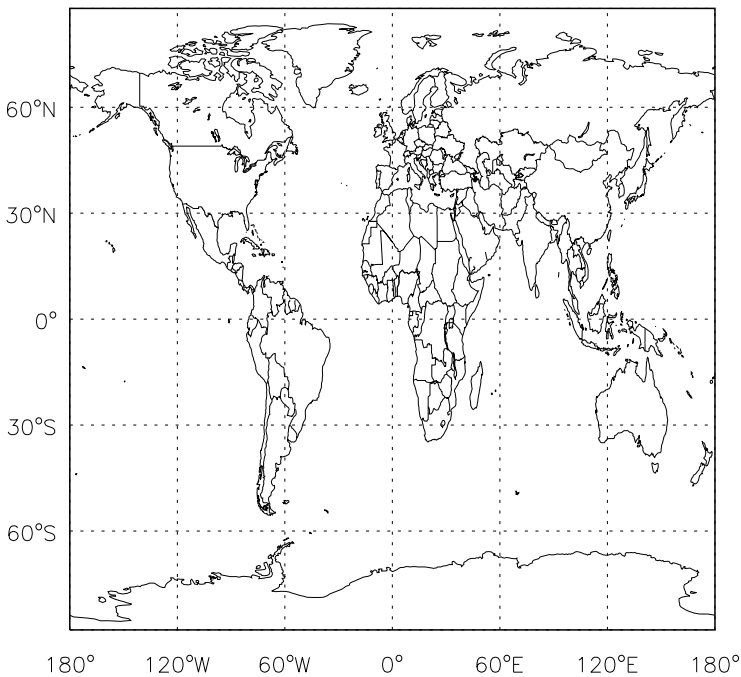
v11-01d-Run0 / v11-01b-Run0
H1211 / Ratio @ Surface for Jul



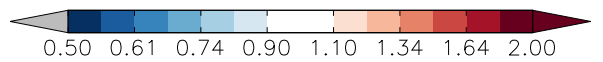
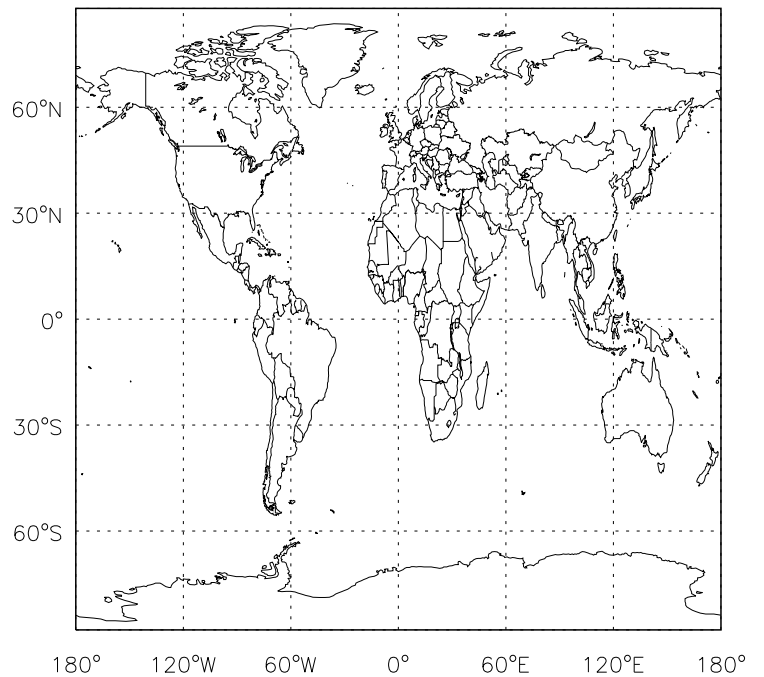
v11-01d-Run0 / v11-01b-Run0
H1211/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
H1211 / Ratio @ Surface for Jul

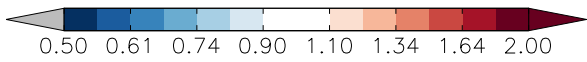
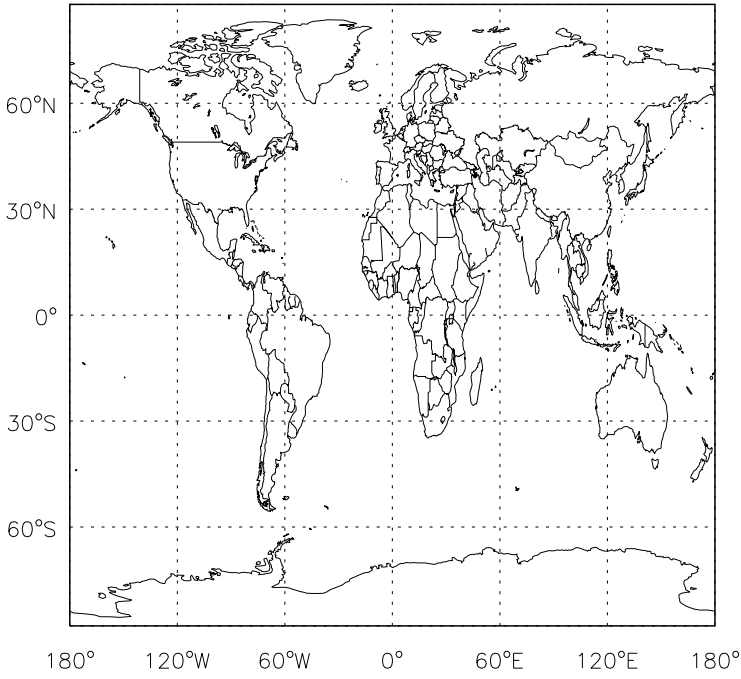


v11-01d-Run0 / v10-01-public-Run0
H1211/ Ratio @ 500 hPa for Jul

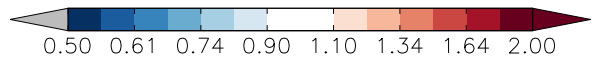
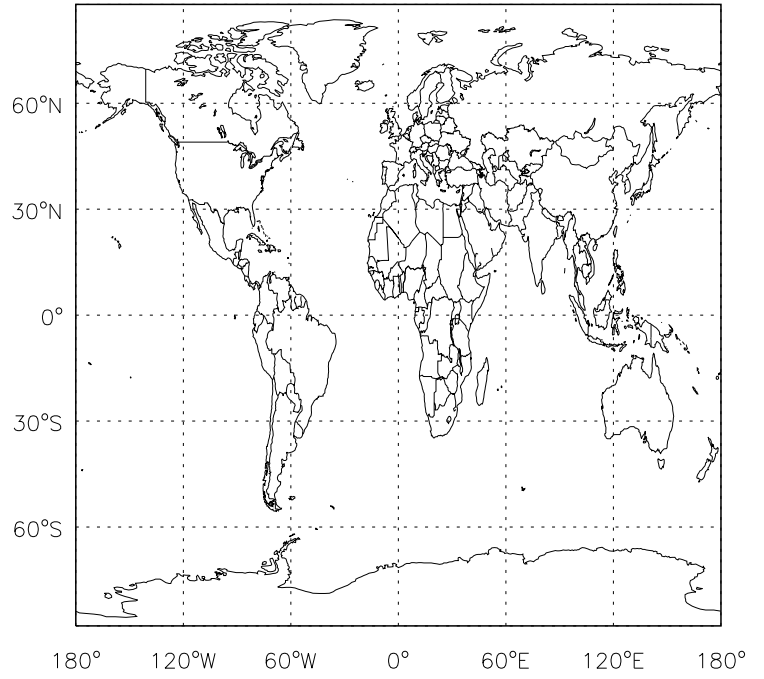


GEOS-Chem Ratio Maps at surface and 500 hPa

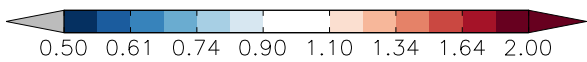
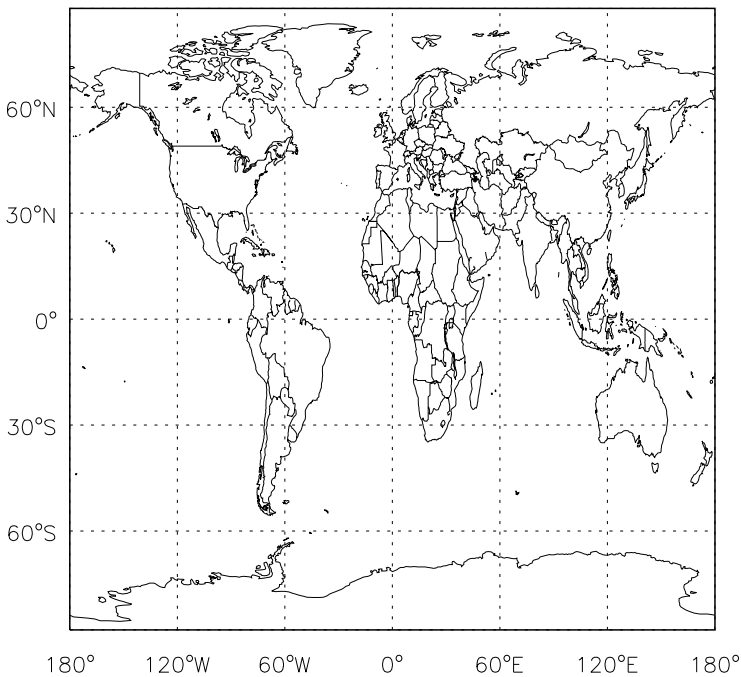
v11-01d-Run0 / v11-01b-Run0
H1301 / Ratio @ Surface for Jul



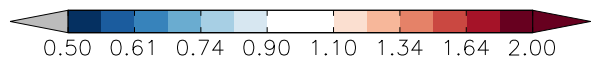
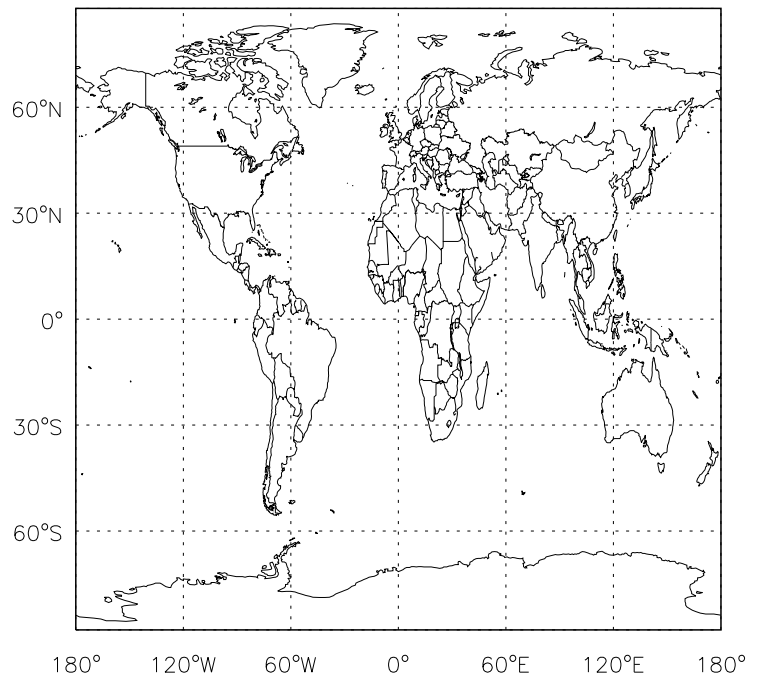
v11-01d-Run0 / v11-01b-Run0
H1301 / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
H1301 / Ratio @ Surface for Jul

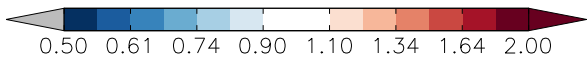
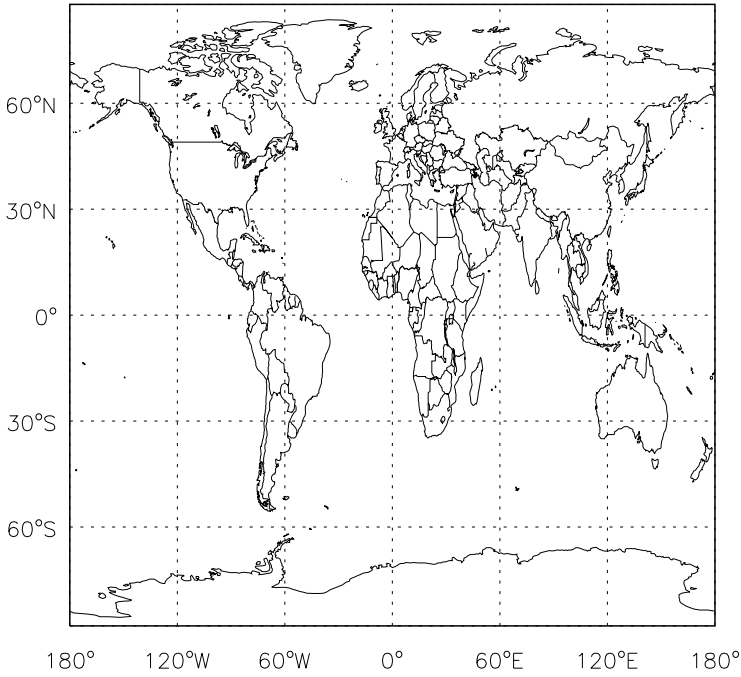


v11-01d-Run0 / v10-01-public-Run0
H1301 / Ratio @ 500 hPa for Jul

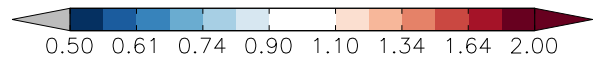
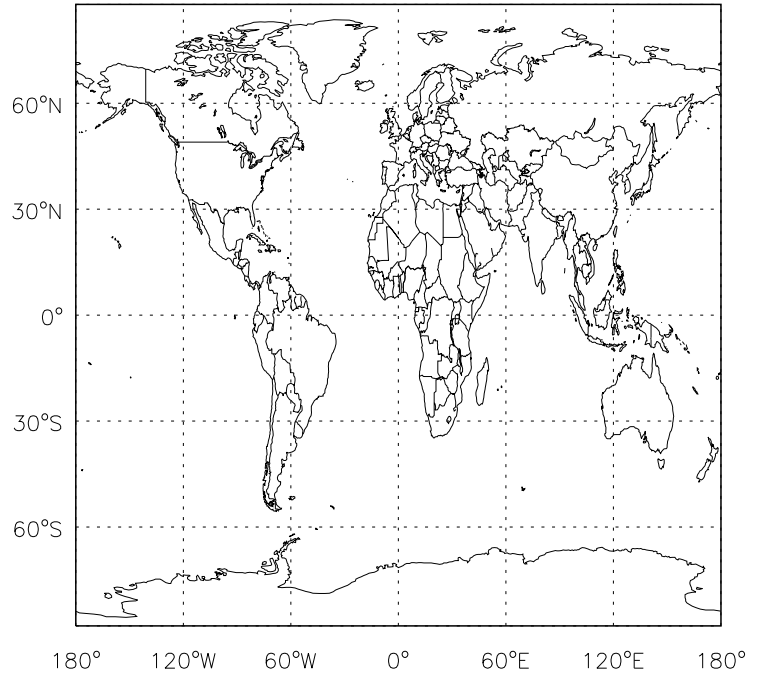


GEOS-Chem Ratio Maps at surface and 500 hPa

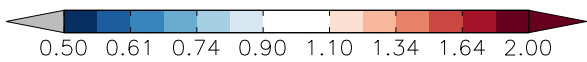
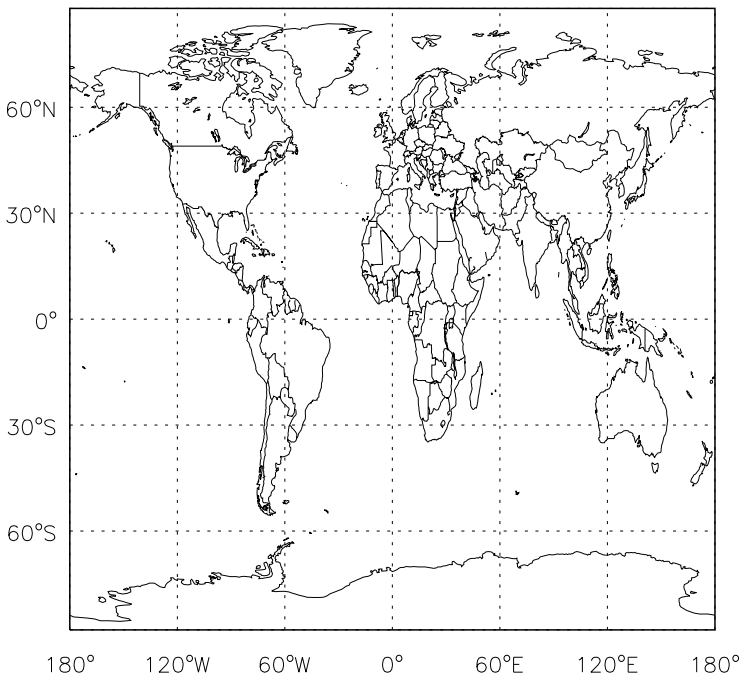
v11-01d-Run0 / v11-01b-Run0
H2402 / Ratio @ Surface for Jul



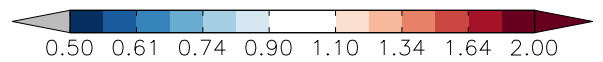
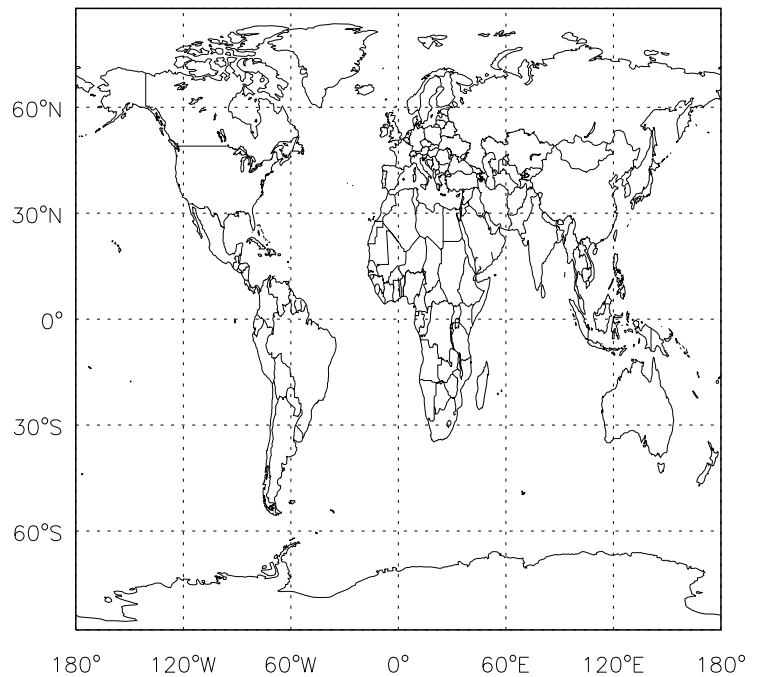
v11-01d-Run0 / v11-01b-Run0
H2402/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
H2402 / Ratio @ Surface for Jul



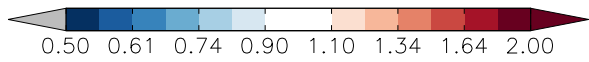
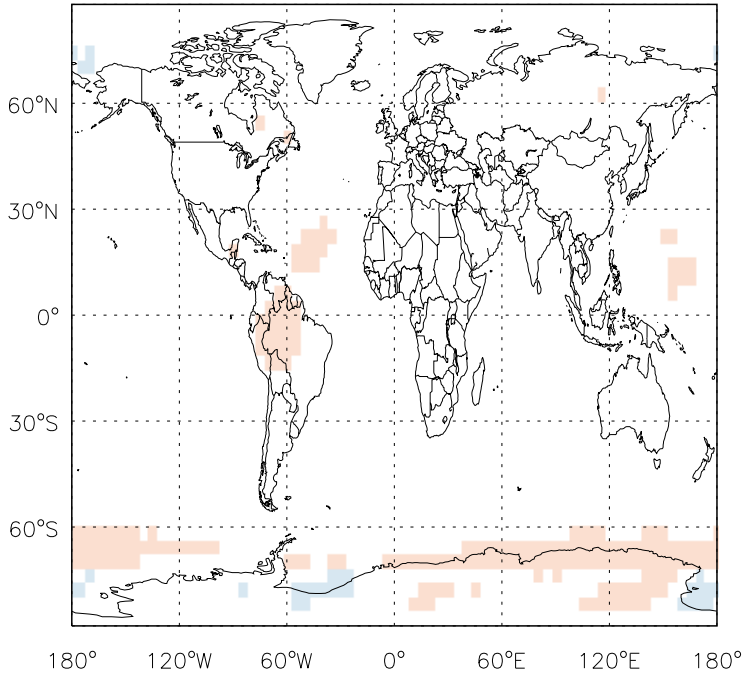
v11-01d-Run0 / v10-01-public-Run0
H2402/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

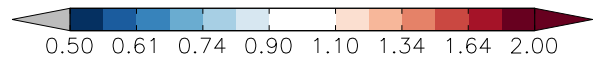
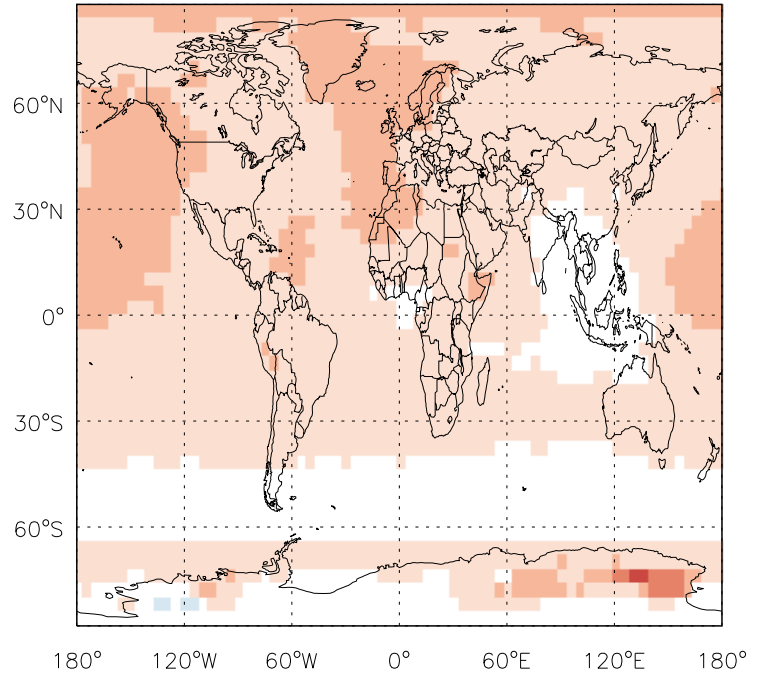
v11-01d-Run0 / v11-01b-Run0

Cl / Ratio @ Surface for Jul



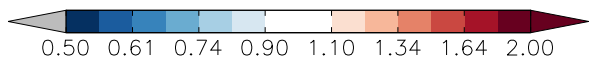
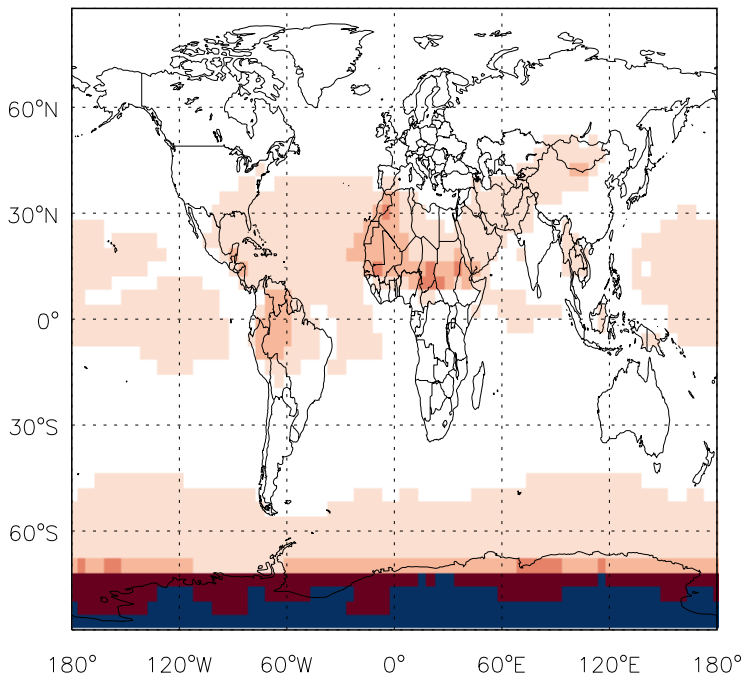
v11-01d-Run0 / v11-01b-Run0

Cl / Ratio @ 500 hPa for Jul



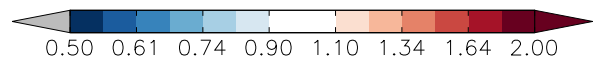
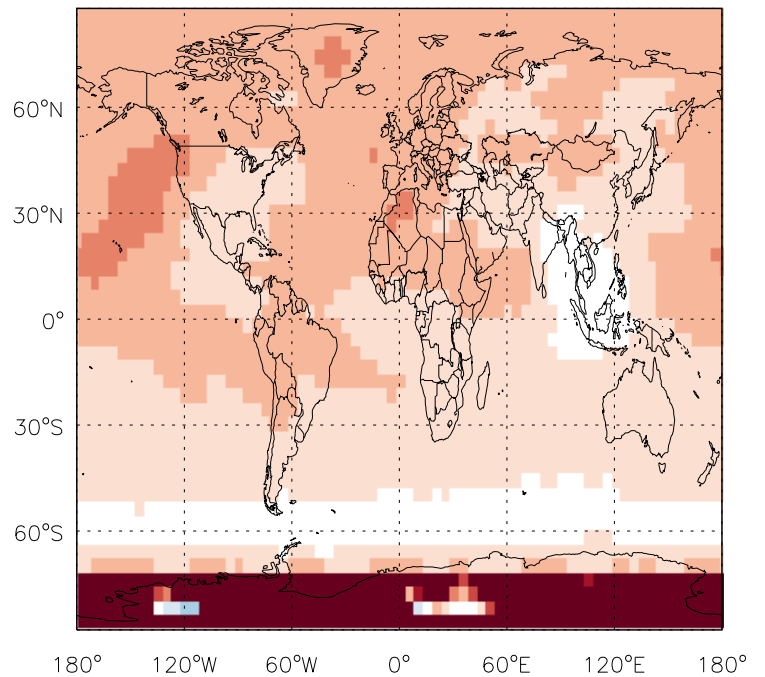
v11-01d-Run0 / v10-01-public-Run0

Cl / Ratio @ Surface for Jul



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

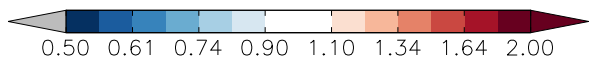
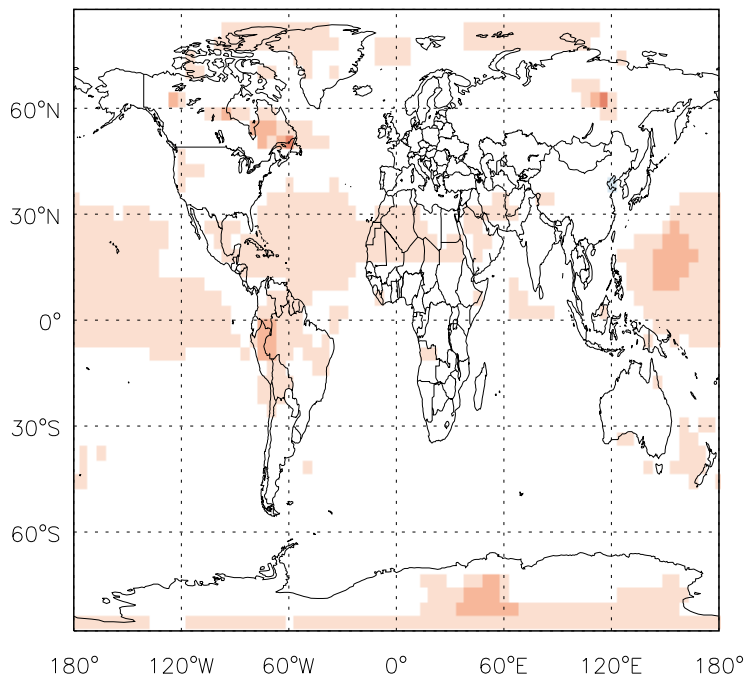
Cl / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

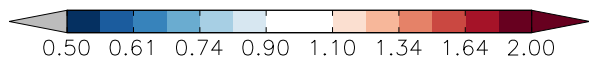
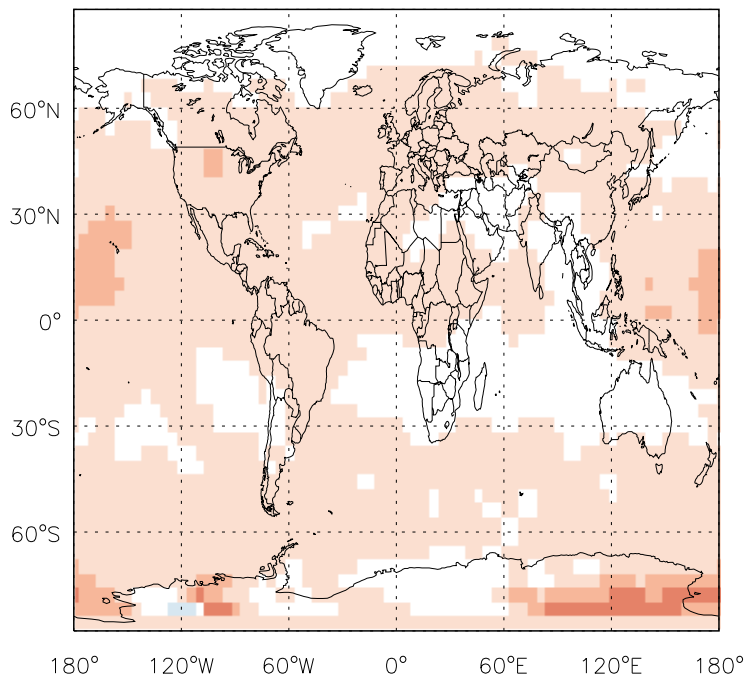
v11-01d-Run0 / v11-01b-Run0

CIO / Ratio @ Surface for Jul



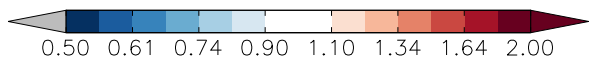
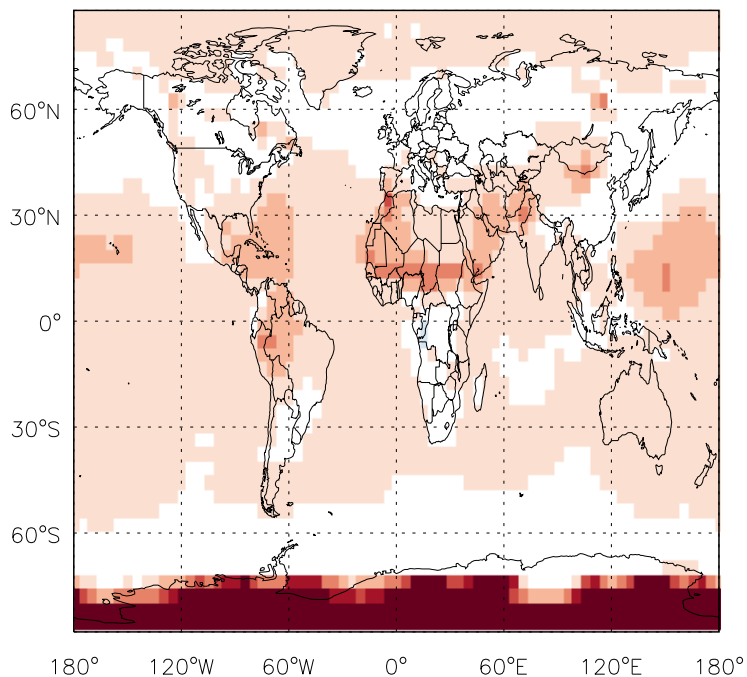
v11-01d-Run0 / v11-01b-Run0

CIO/ Ratio @ 500 hPa for Jul



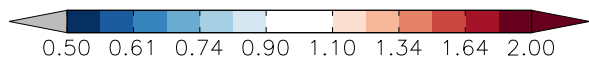
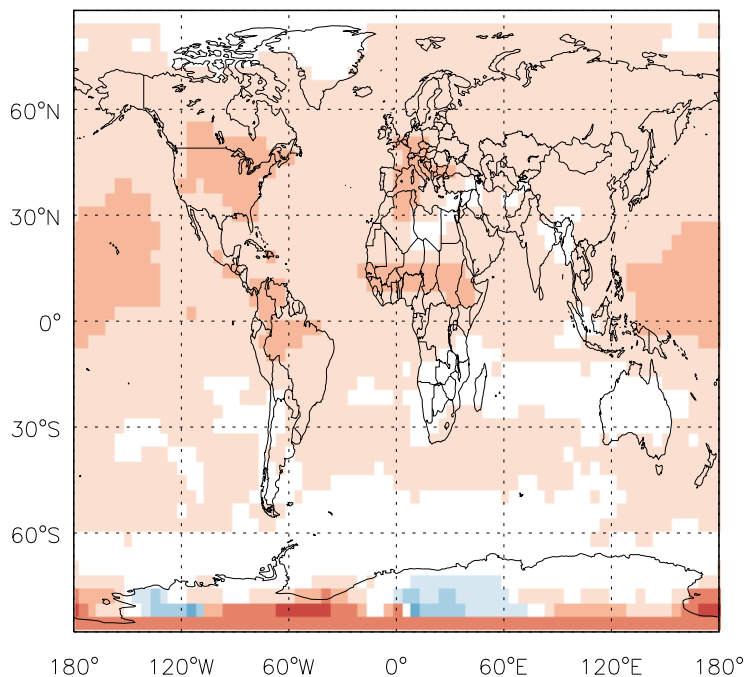
v11-01d-Run0 / v10-01-public-Run0

CIO / Ratio @ Surface for Jul



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

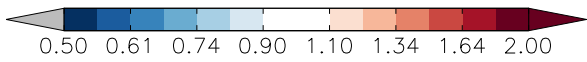
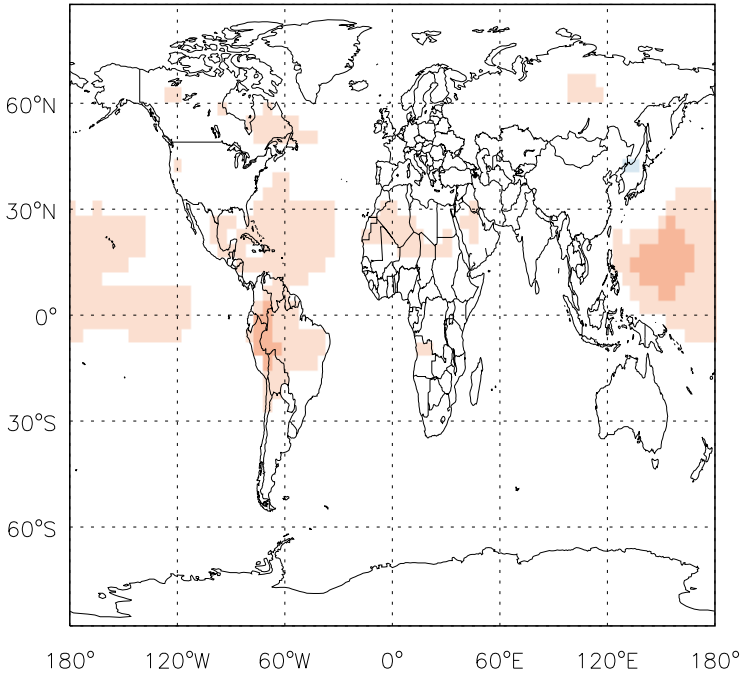
CIO/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

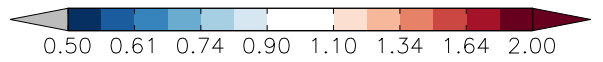
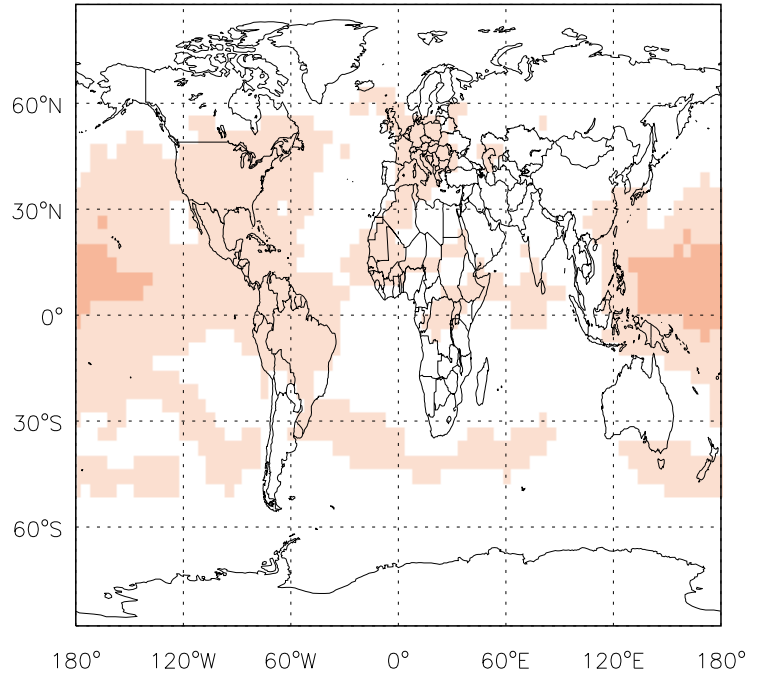
v11-01d-Run0 / v11-01b-Run0

HOCl / Ratio @ Surface for Jul



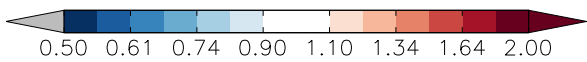
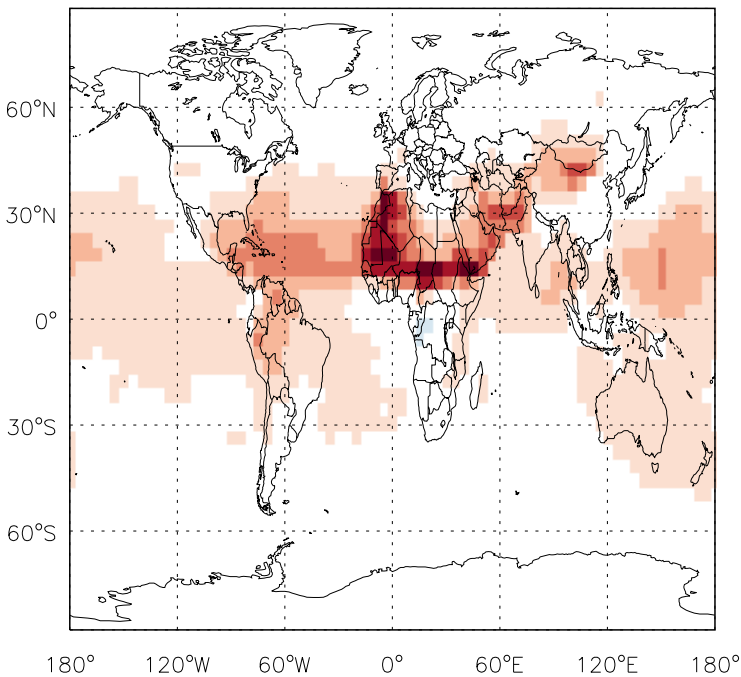
v11-01d-Run0 / v11-01b-Run0

HOCl / Ratio @ 500 hPa for Jul



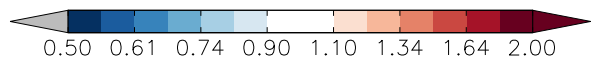
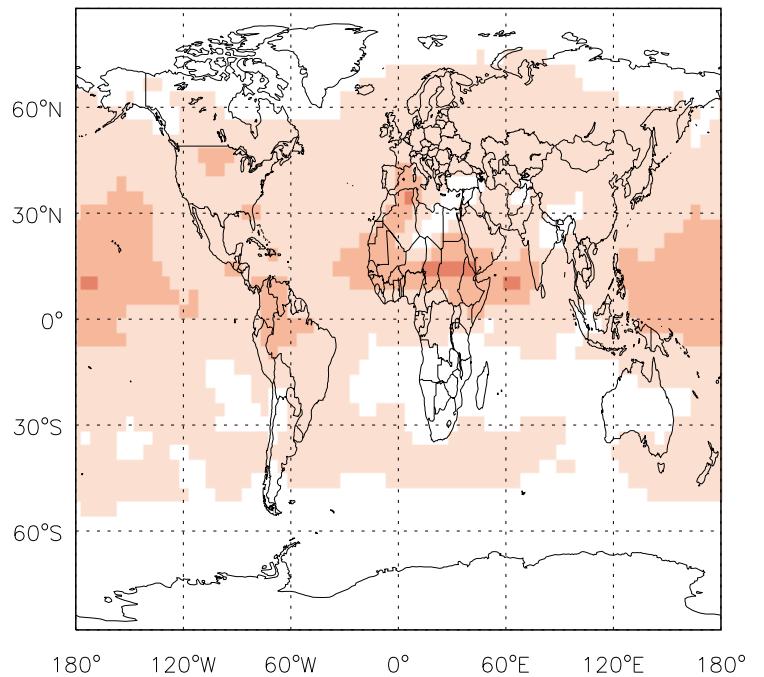
v11-01d-Run0 / v10-01-public-Run0

HOCl / Ratio @ Surface for Jul



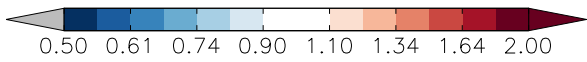
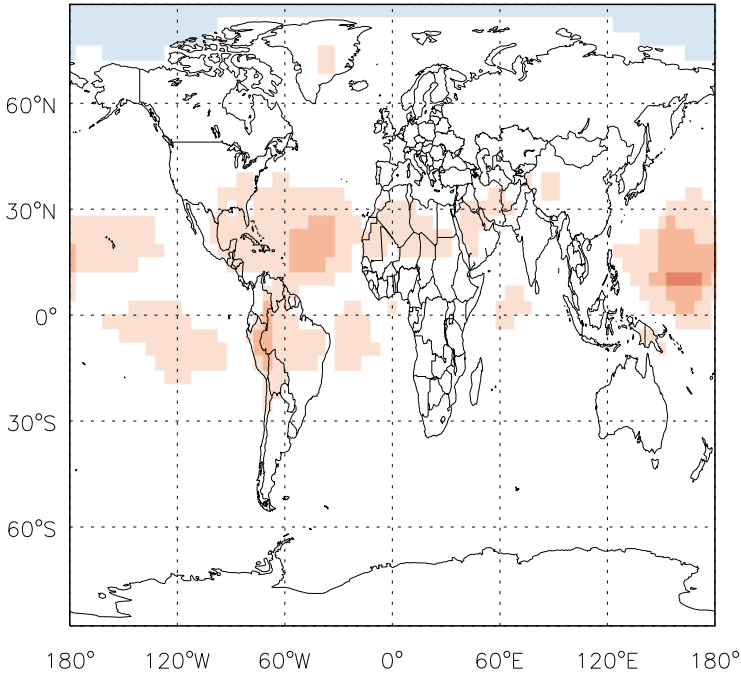
v11-01d-Run0 / v10-01-public-Run0

HOCl / Ratio @ 500 hPa for Jul

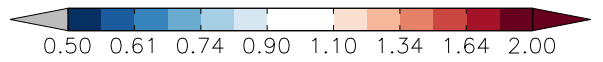
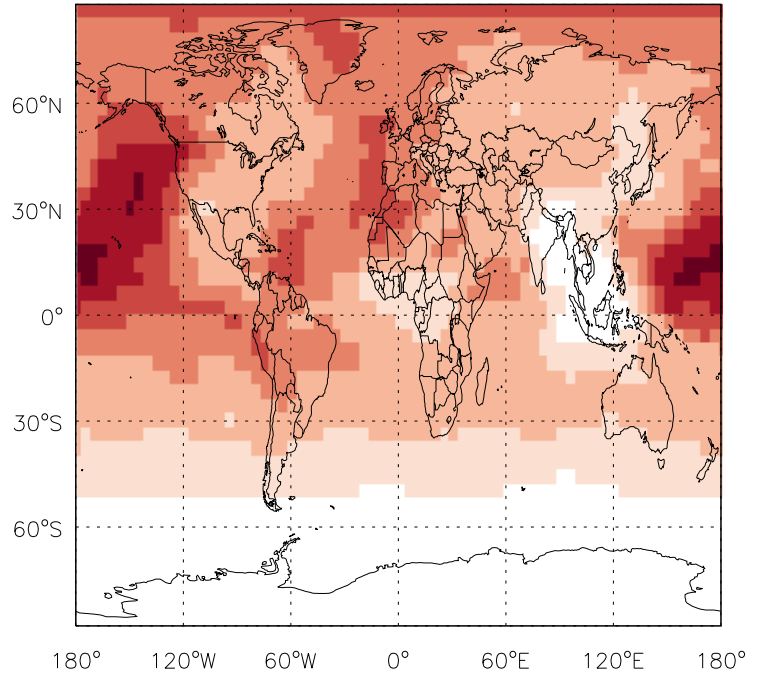


GEOS-Chem Ratio Maps at surface and 500 hPa

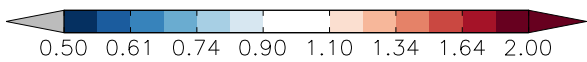
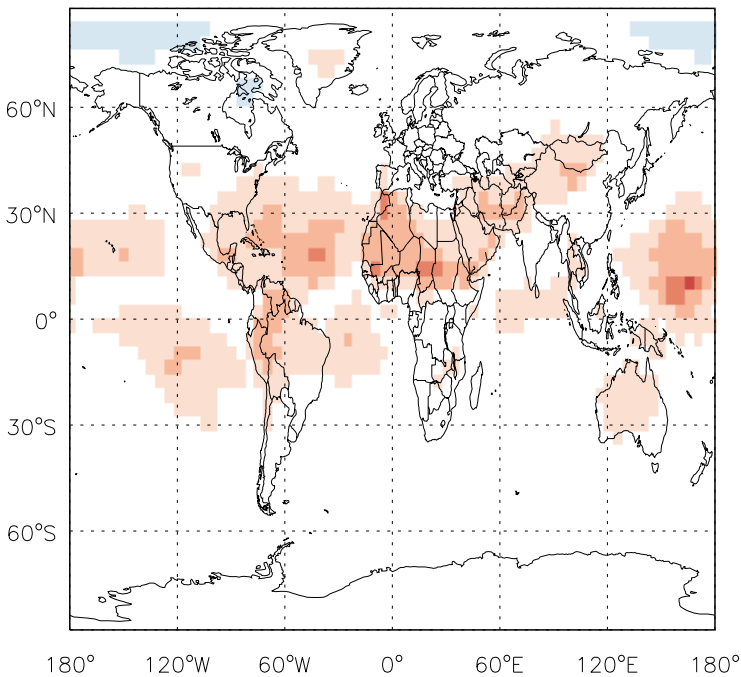
v11-01d-Run0 / v11-01b-Run0
CIN03 / Ratio @ Surface for Jul



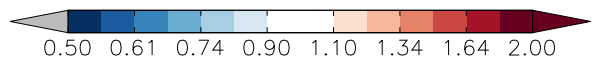
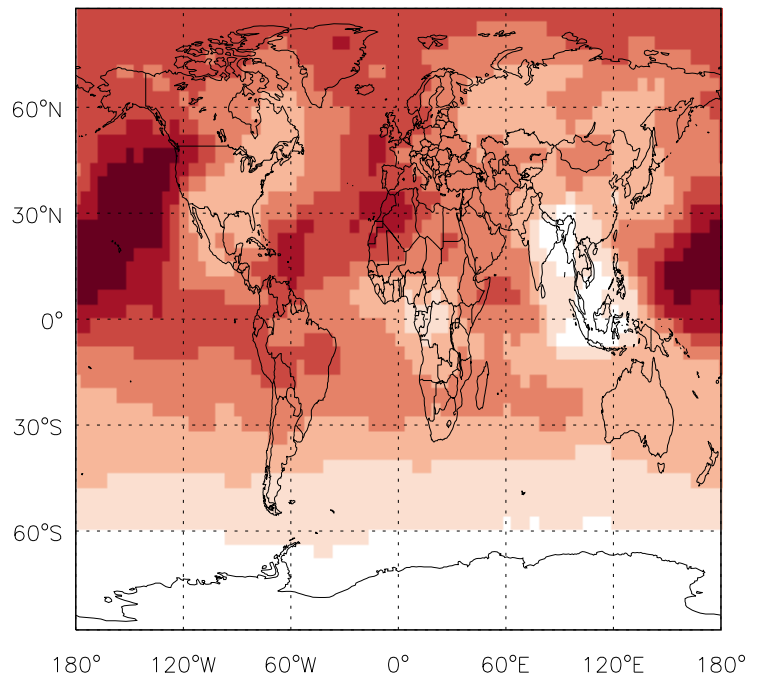
v11-01d-Run0 / v11-01b-Run0
CIN03/ Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
CIN03 / Ratio @ Surface for Jul



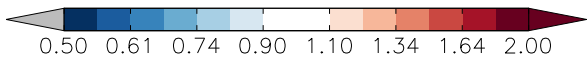
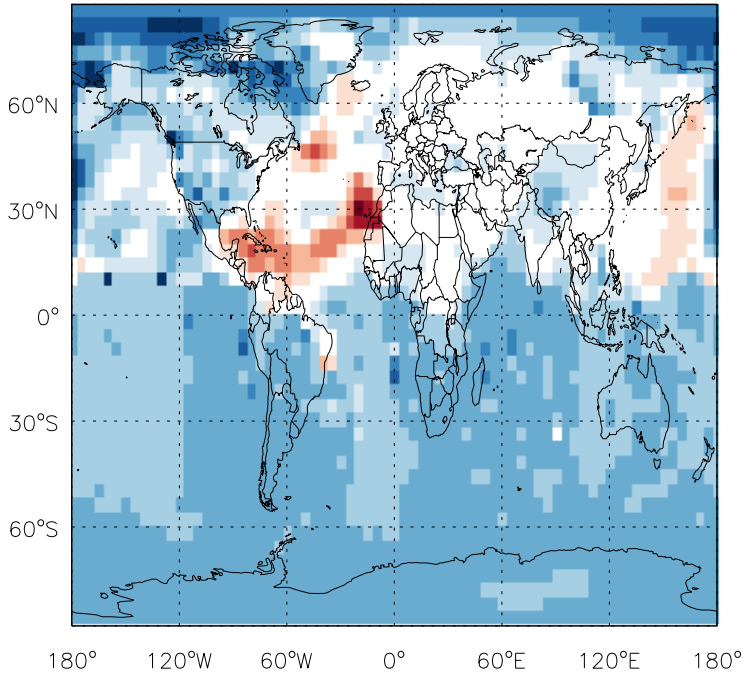
v11-01d-Run0 / v10-01-public-Run0
CIN03/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

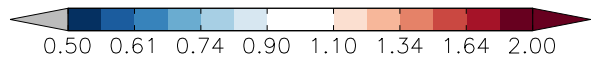
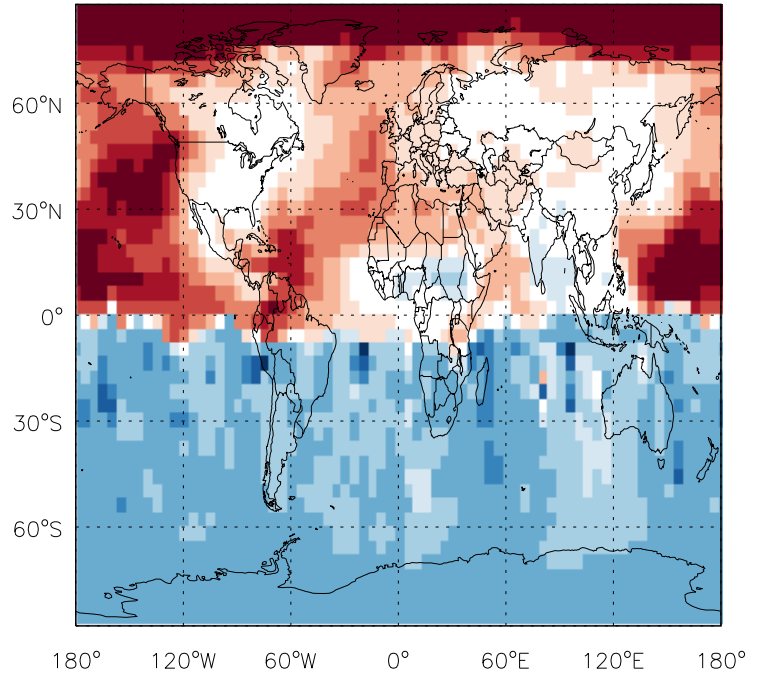
v11-01d-Run0 / v11-01b-Run0

CIN02 / Ratio @ Surface for Jul



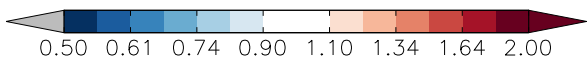
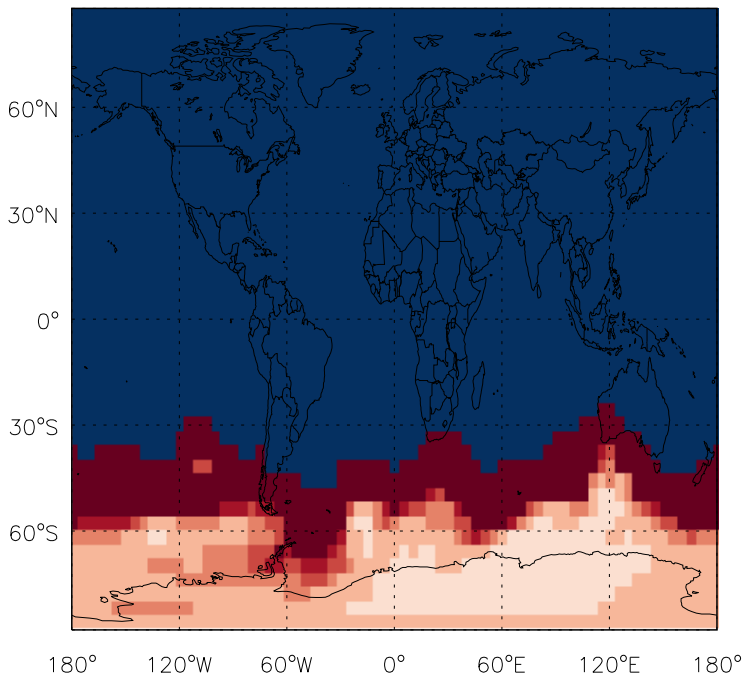
v11-01d-Run0 / v11-01b-Run0

CIN02/ Ratio @ 500 hPa for Jul



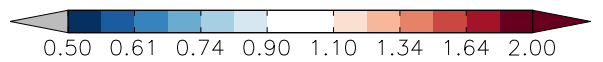
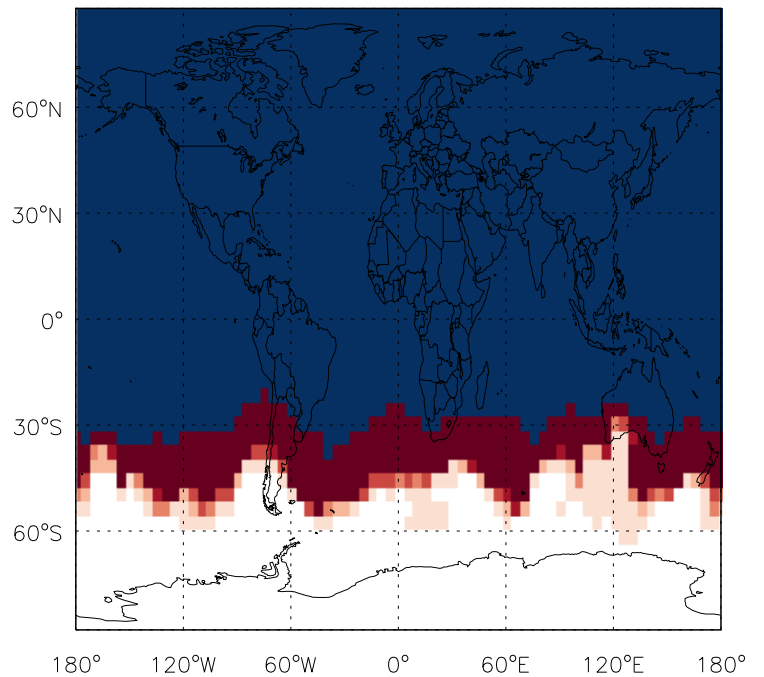
v11-01d-Run0 / v10-01-public-Run0

CIN02 / Ratio @ Surface for Jul



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

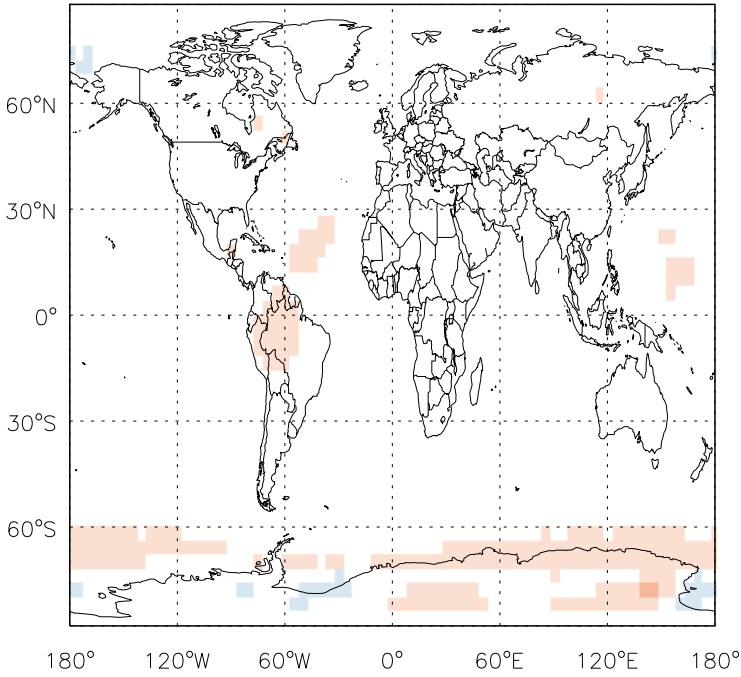
CIN02/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

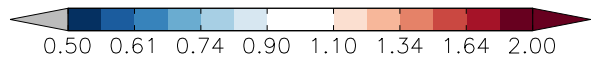
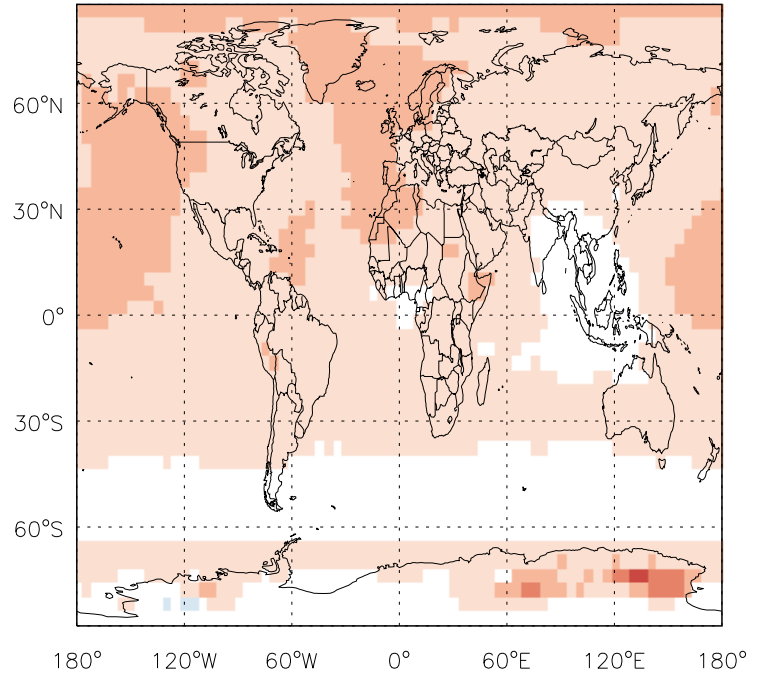
v11-01d-Run0 / v11-01b-Run0

ClO0 / Ratio @ Surface for Jul



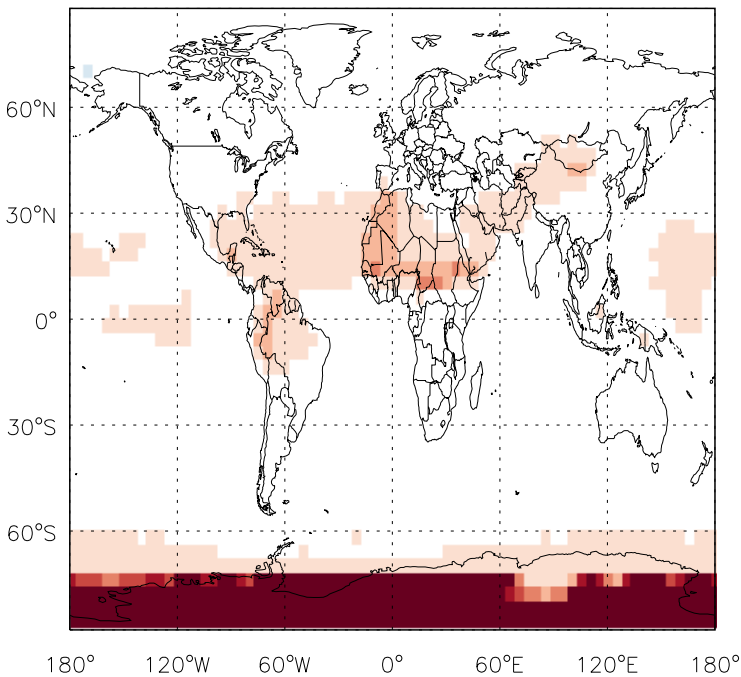
v11-01d-Run0 / v11-01b-Run0

ClO0/ Ratio @ 500 hPa for Jul



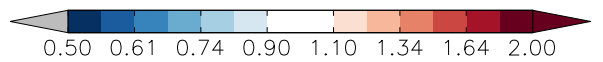
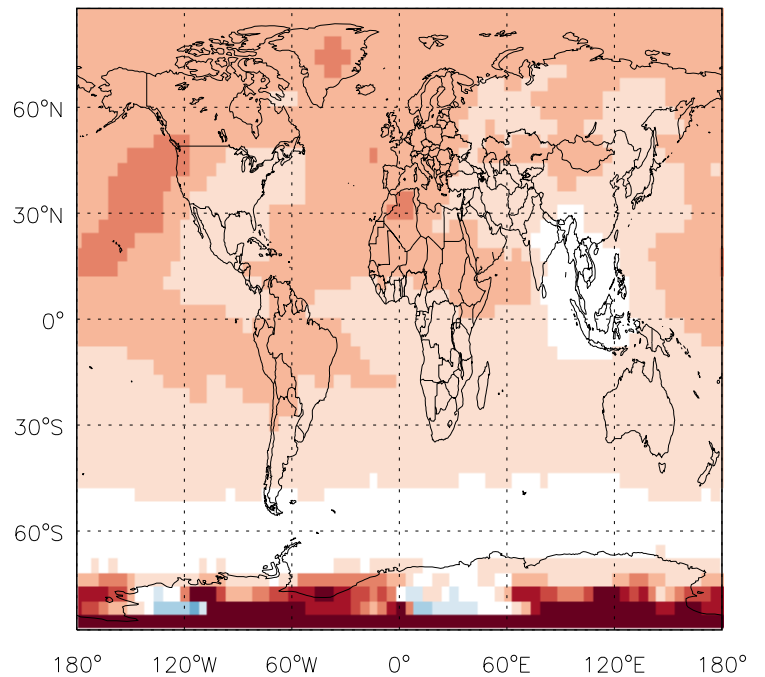
v11-01d-Run0 / v10-01-public-Run0

ClO0 / Ratio @ Surface for Jul



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

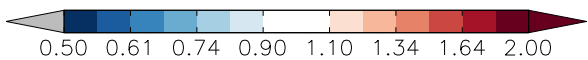
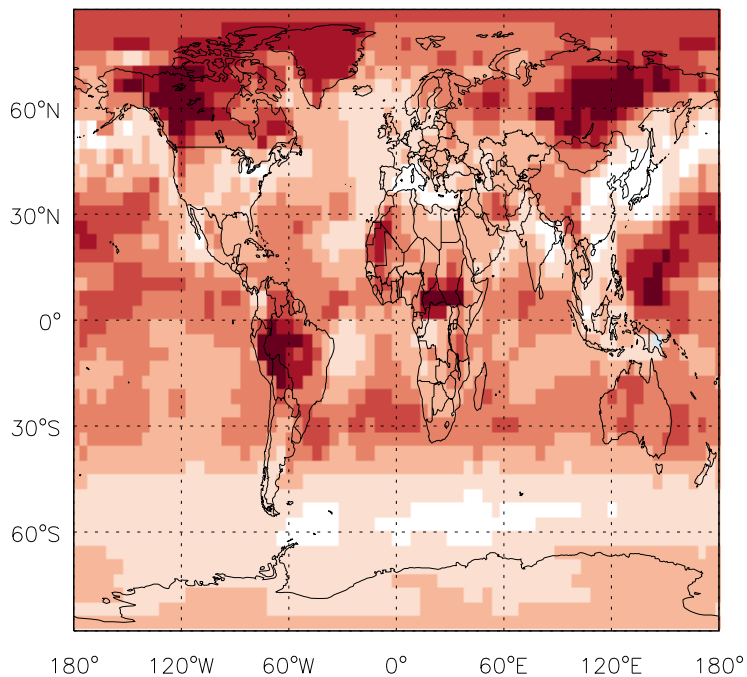
ClO0/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

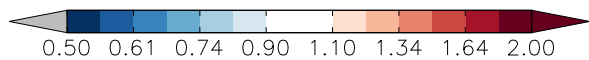
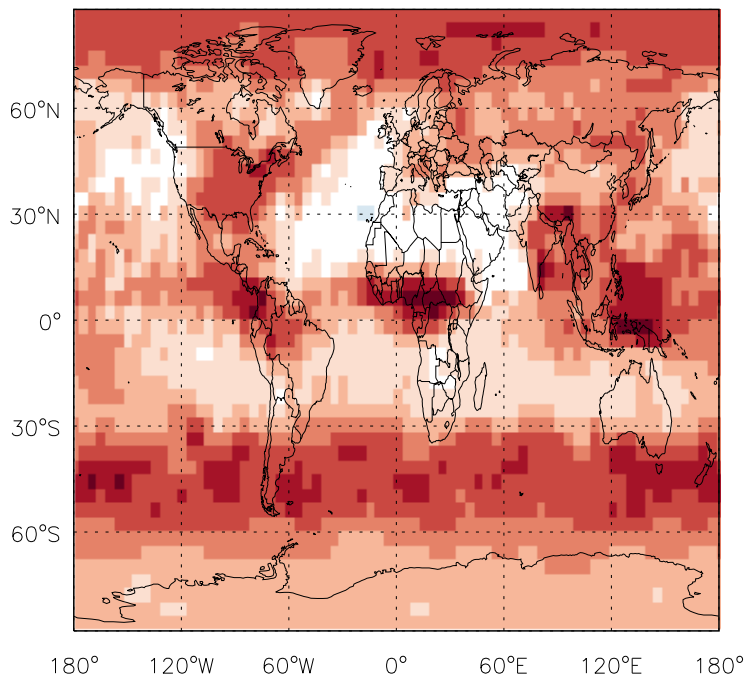
v11-01d-Run0 / v11-01b-Run0

OCIO / Ratio @ Surface for Jul



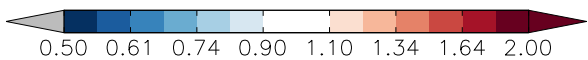
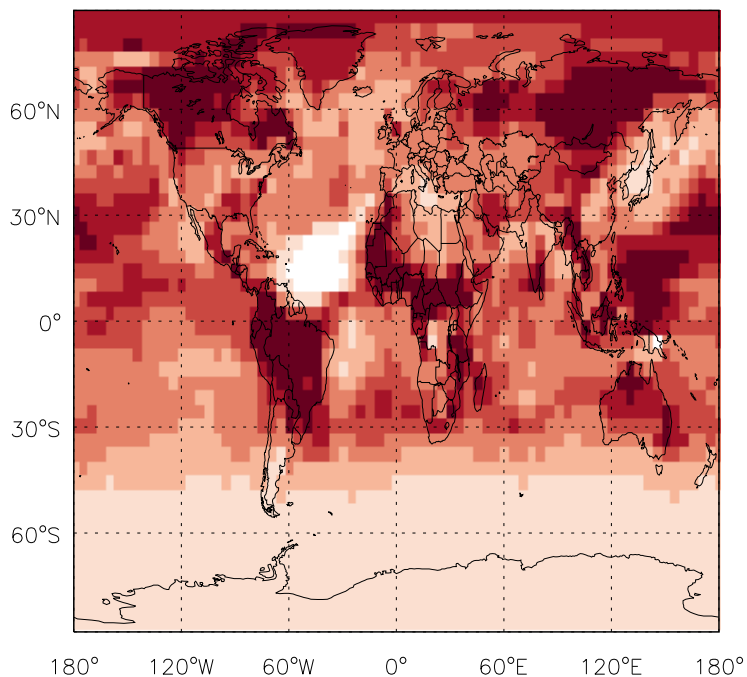
v11-01d-Run0 / v11-01b-Run0

OCIO/ Ratio @ 500 hPa for Jul



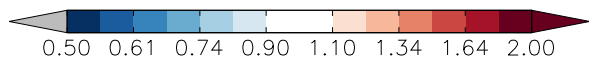
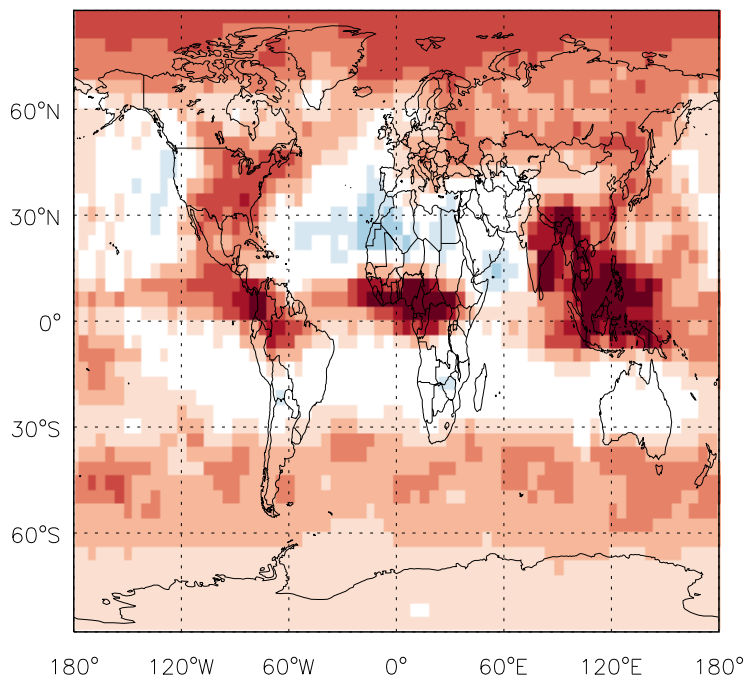
v11-01d-Run0 / v10-01-public-Run0

OCIO / Ratio @ Surface for Jul



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

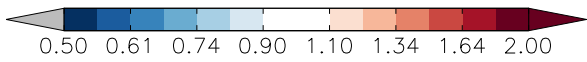
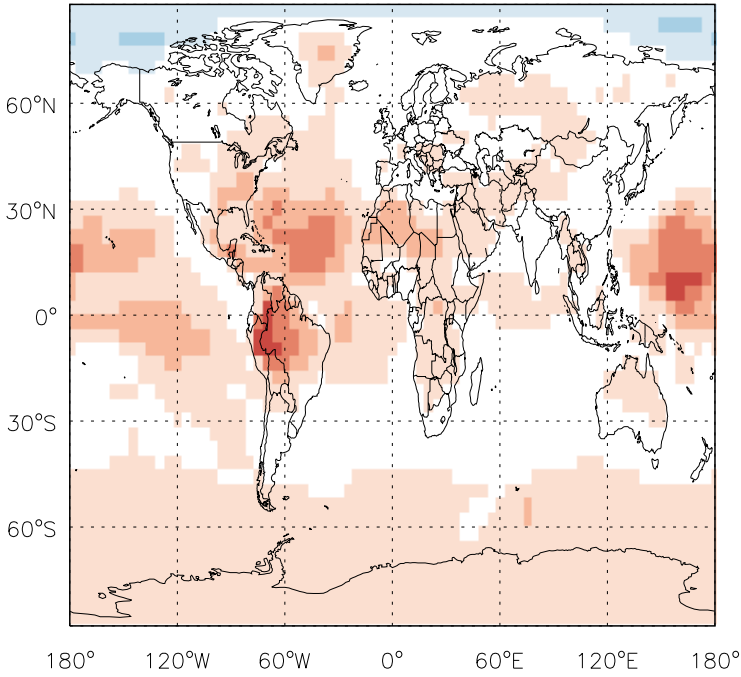
OCIO/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

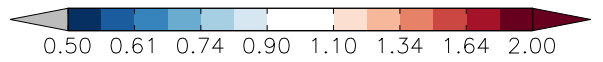
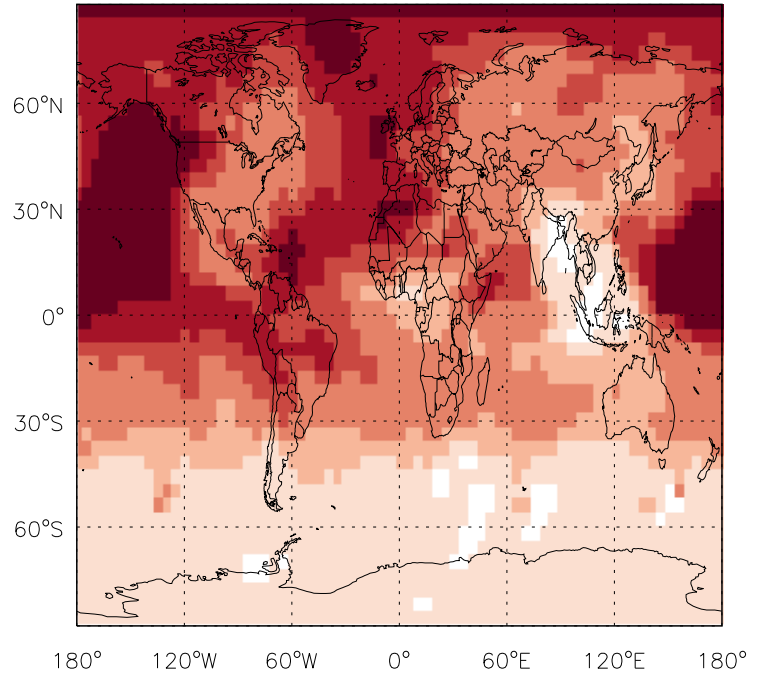
v11-01d-Run0 / v11-01b-Run0

Cl₂ / Ratio @ Surface for Jul



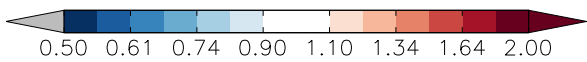
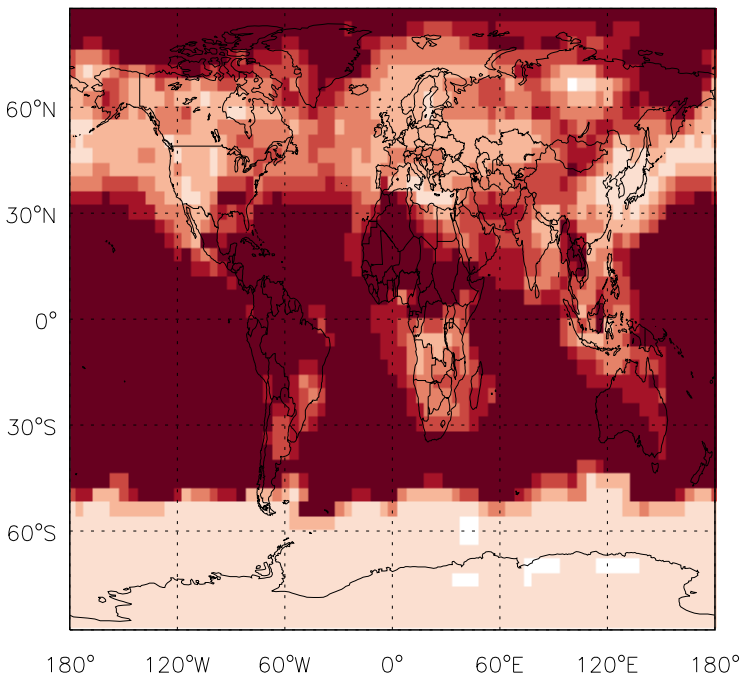
v11-01d-Run0 / v11-01b-Run0

Cl₂ / Ratio @ 500 hPa for Jul



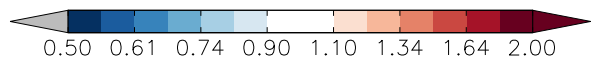
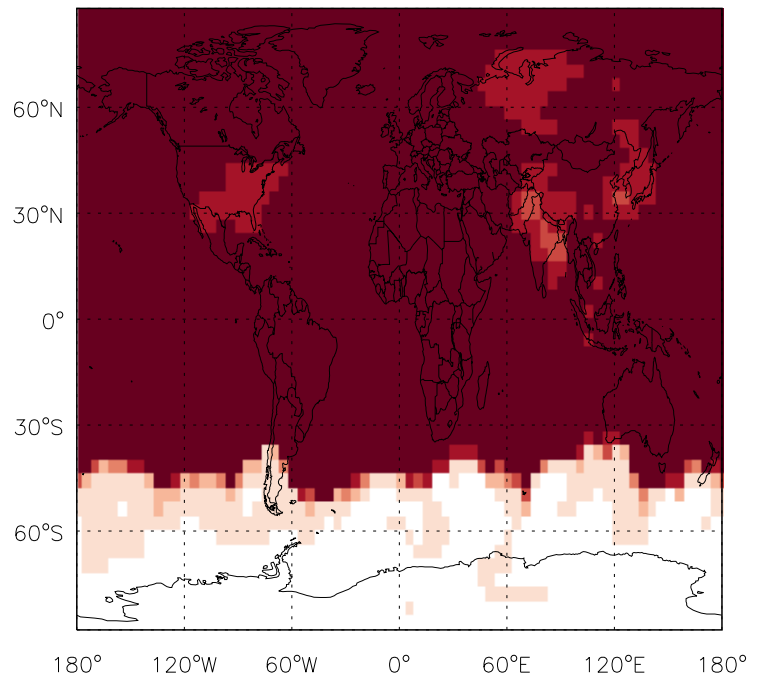
v11-01d-Run0 / v10-01-public-Run0

Cl₂ / Ratio @ Surface for Jul



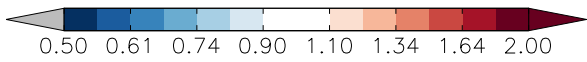
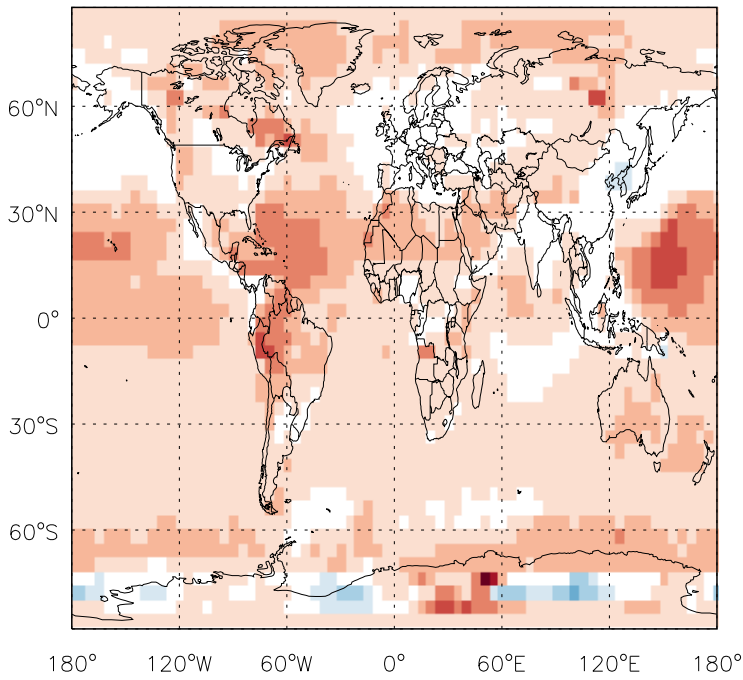
v11-01d-Run0 / v10-01-public-Run0

Cl₂ / Ratio @ 500 hPa for Jul

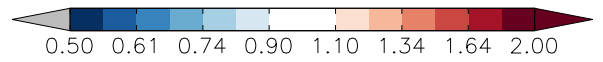
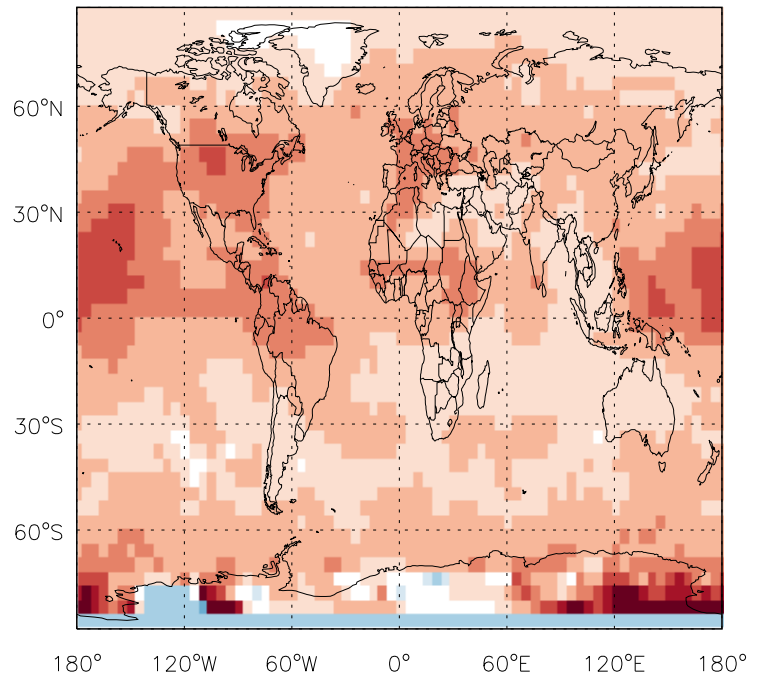


GEOS-Chem Ratio Maps at surface and 500 hPa

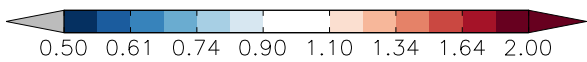
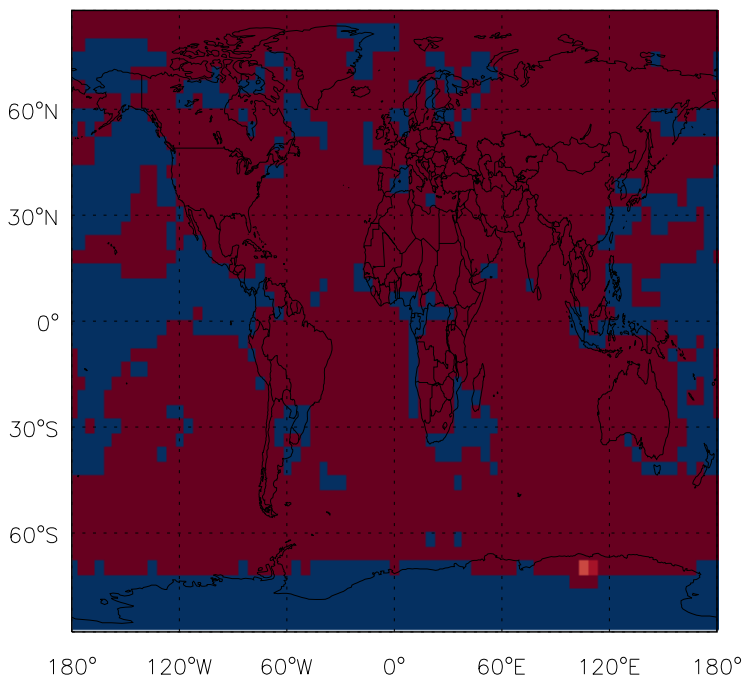
v11-01d-Run0 / v11-01b-Run0
Cl2O2 / Ratio @ Surface for Jul



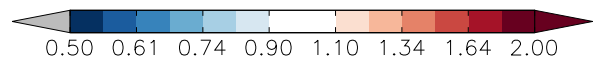
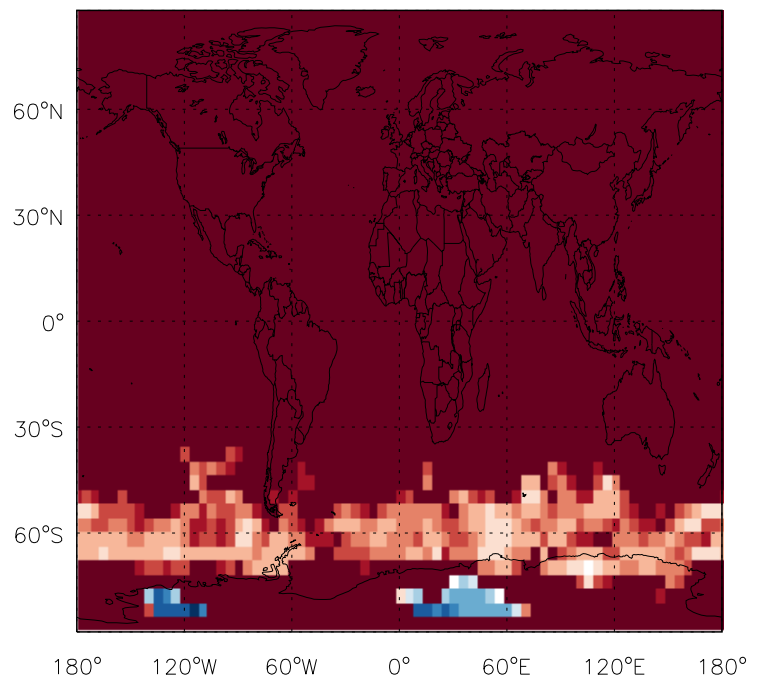
v11-01d-Run0 / v11-01b-Run0
Cl2O2 / Ratio @ 500 hPa for Jul



v11-01d-Run0 / v10-01-public-Run0
Cl2O2 / Ratio @ Surface for Jul



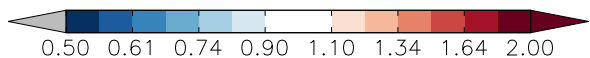
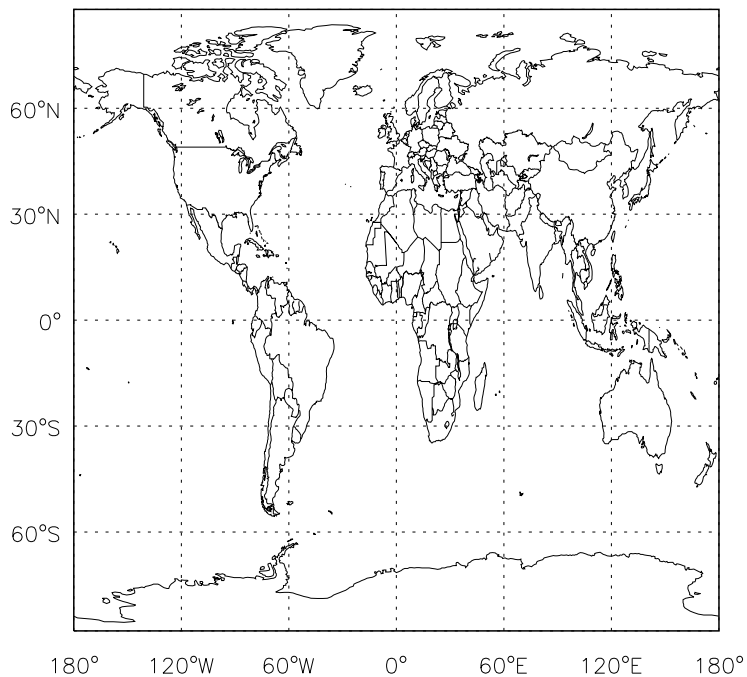
v11-01d-Run0 / v10-01-public-Run0
Cl2O2 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

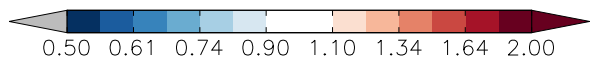
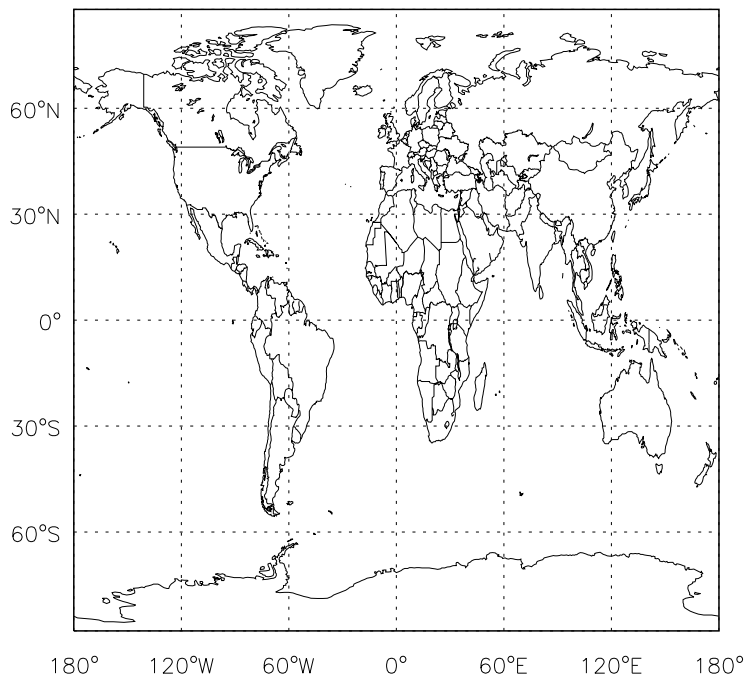
v11-01d-Run0 / v11-01b-Run0

H2O / Ratio @ Surface for Jul



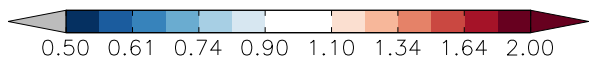
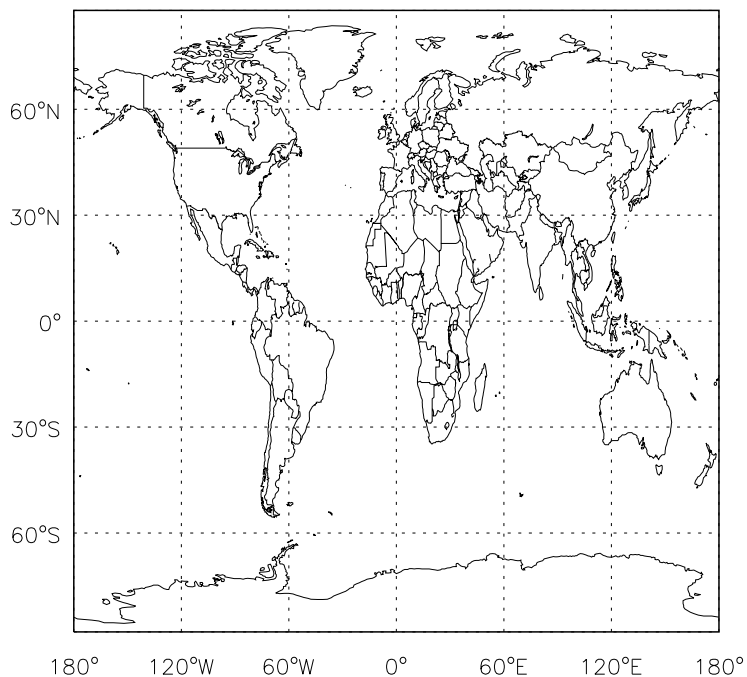
v11-01d-Run0 / v11-01b-Run0

H2O/ Ratio @ 500 hPa for Jul



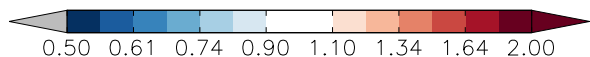
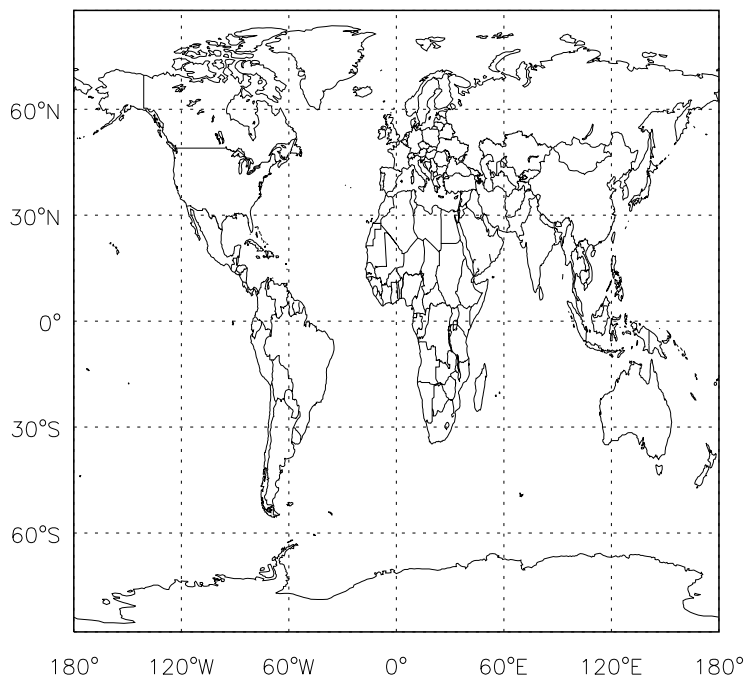
v11-01d-Run0 / v10-01-public-Run0

H2O / Ratio @ Surface for Jul



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

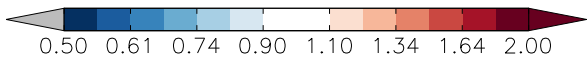
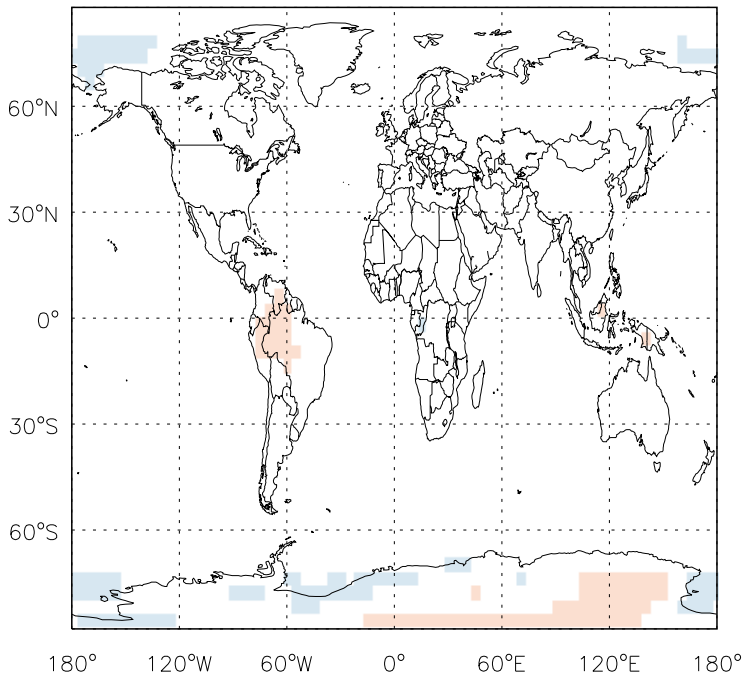
H2O/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

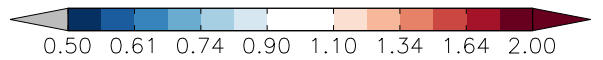
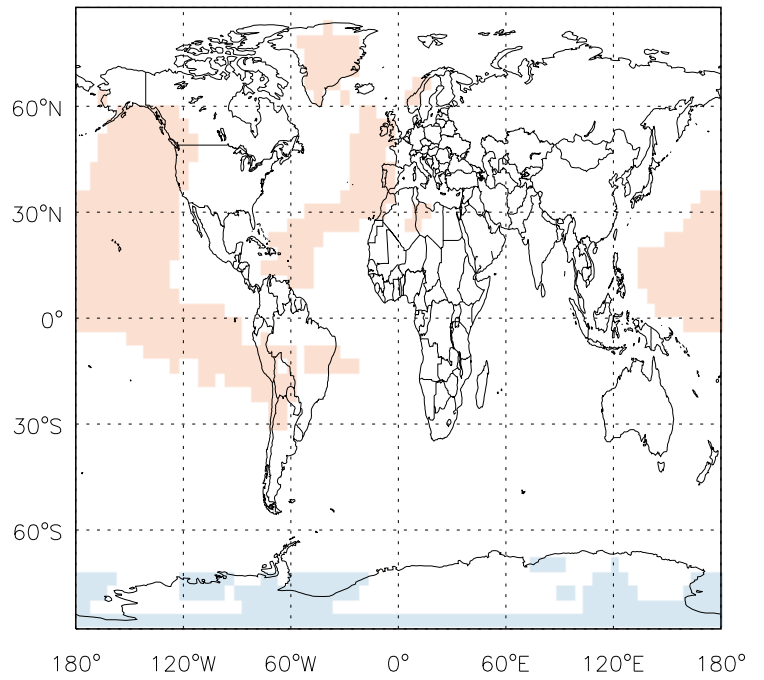
v11-01d-Run0 / v11-01b-Run0

OH / Ratio @ Surface for Jul



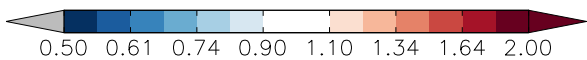
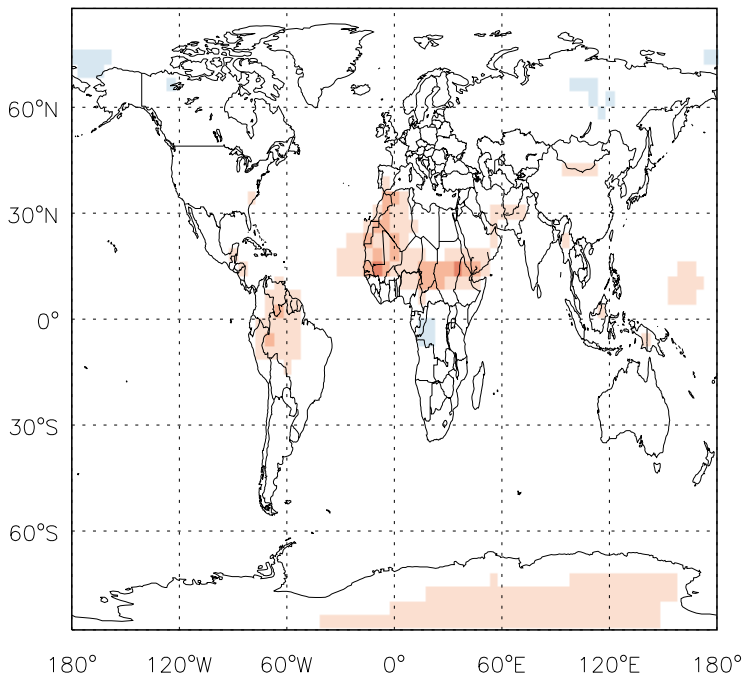
v11-01d-Run0 / v11-01b-Run0

OH/ Ratio @ 500 hPa for Jul



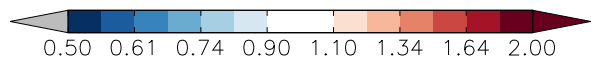
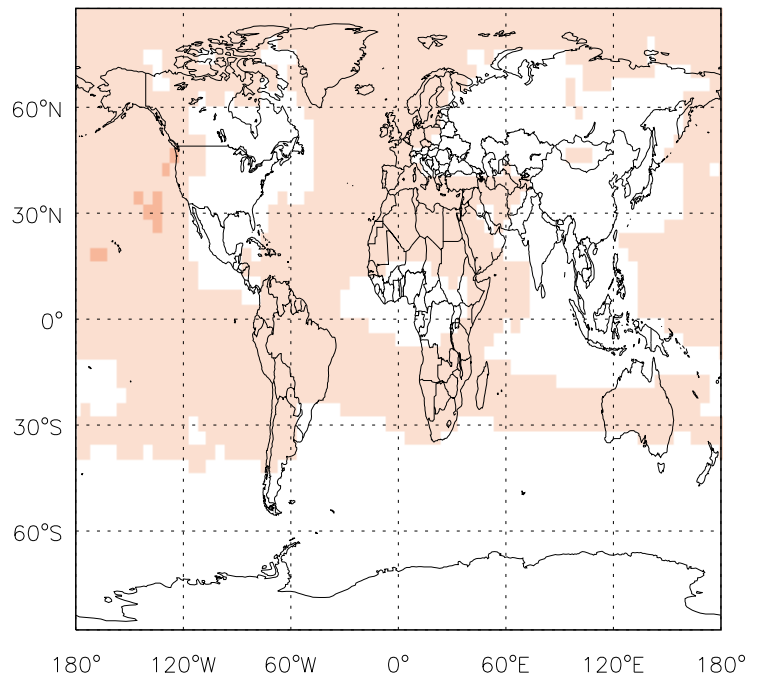
v11-01d-Run0 / v10-01-public-Run0

OH / Ratio @ Surface for Jul



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

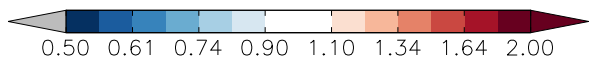
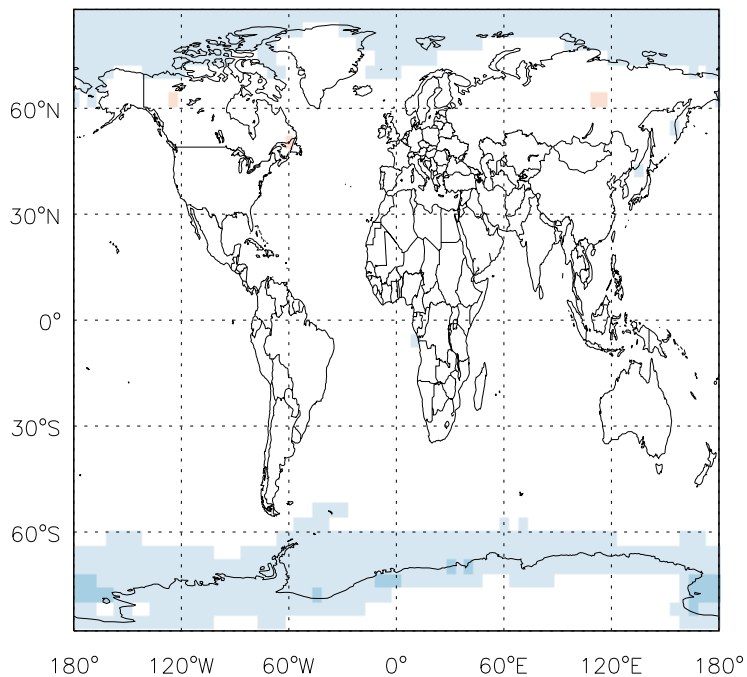
OH/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

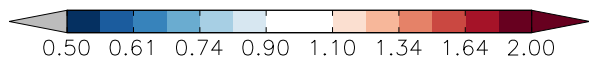
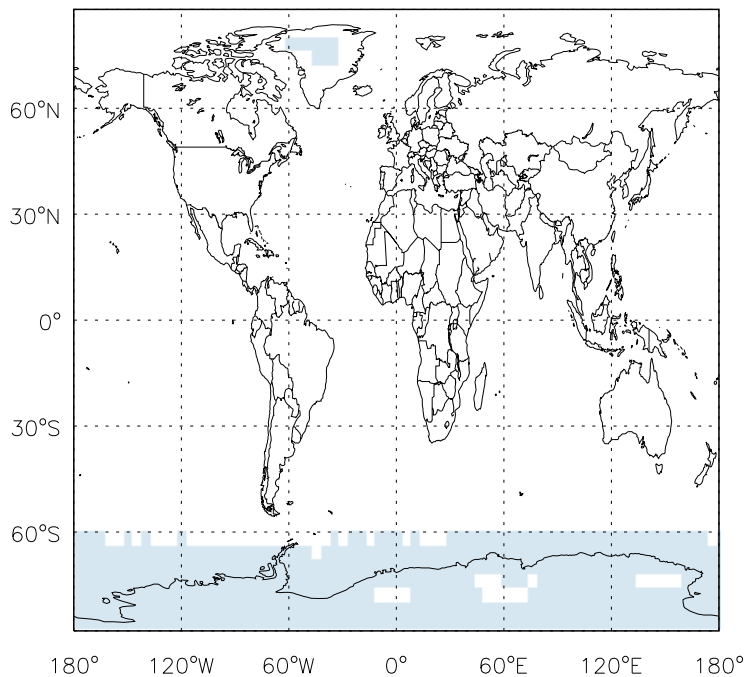
v11-01d-Run0 / v11-01b-Run0

H₂O / Ratio @ Surface for Jul



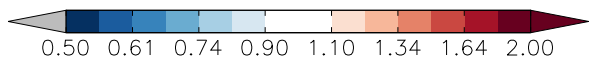
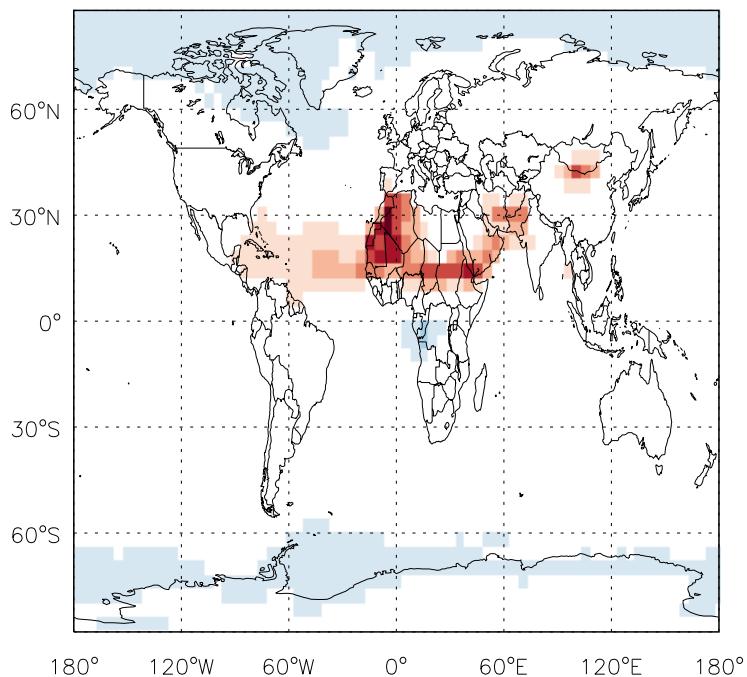
v11-01d-Run0 / v11-01b-Run0

H₂O / Ratio @ 500 hPa for Jul



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

H₂O / Ratio @ Surface for Jul



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

H₂O / Ratio @ 500 hPa for Jul

