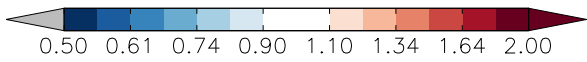
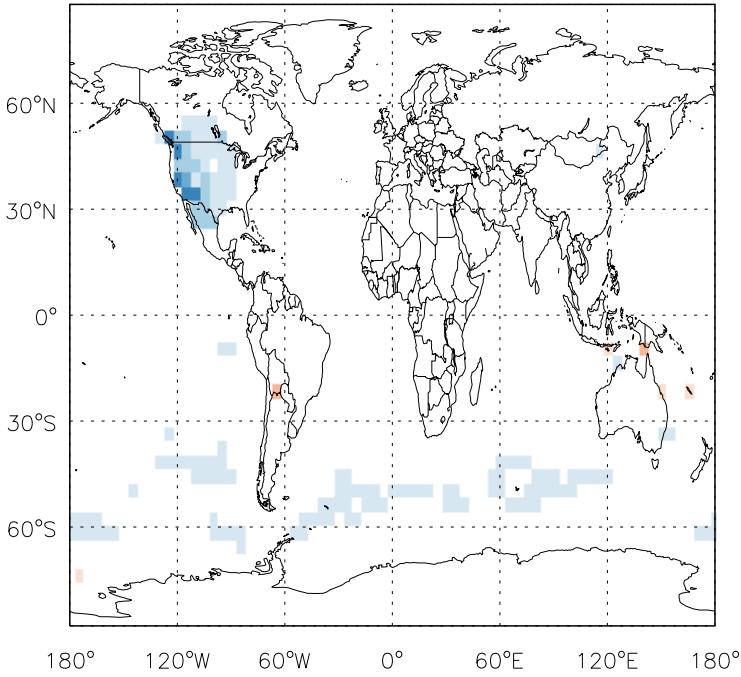
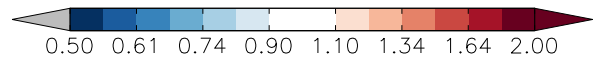
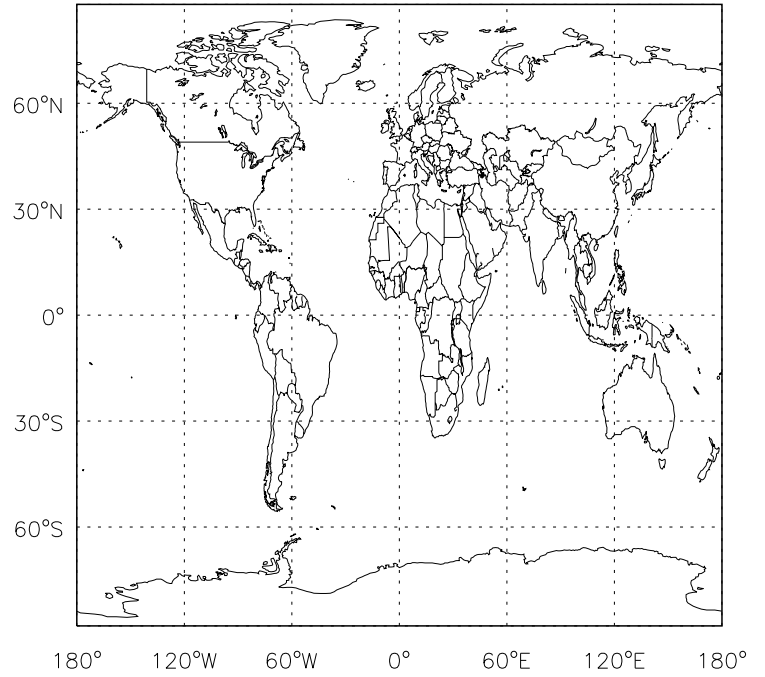


GEOS-Chem Ratio Maps at surface and 500 hPa

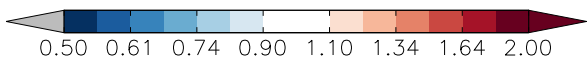
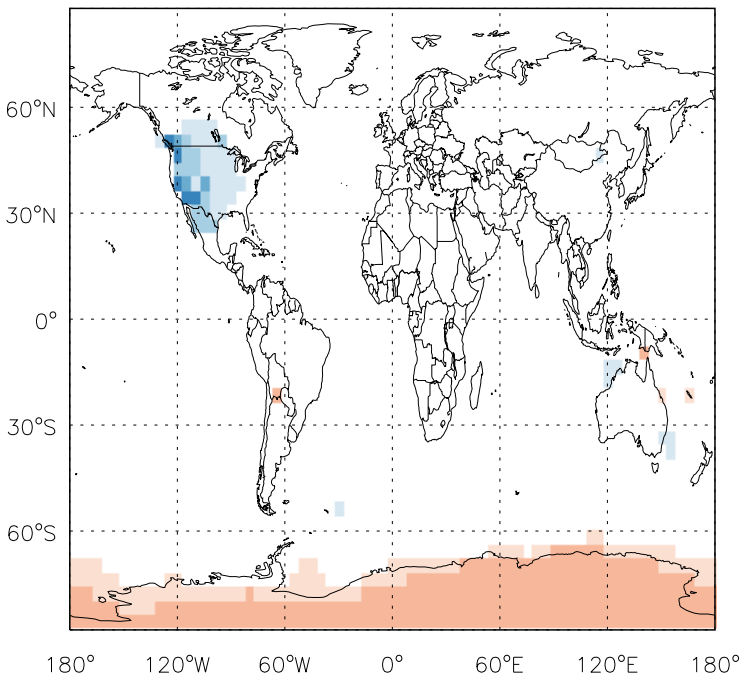
v11-01d-Run1 / v11-01b-Run0
NO / Ratio @ Surface for Oct



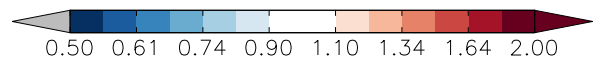
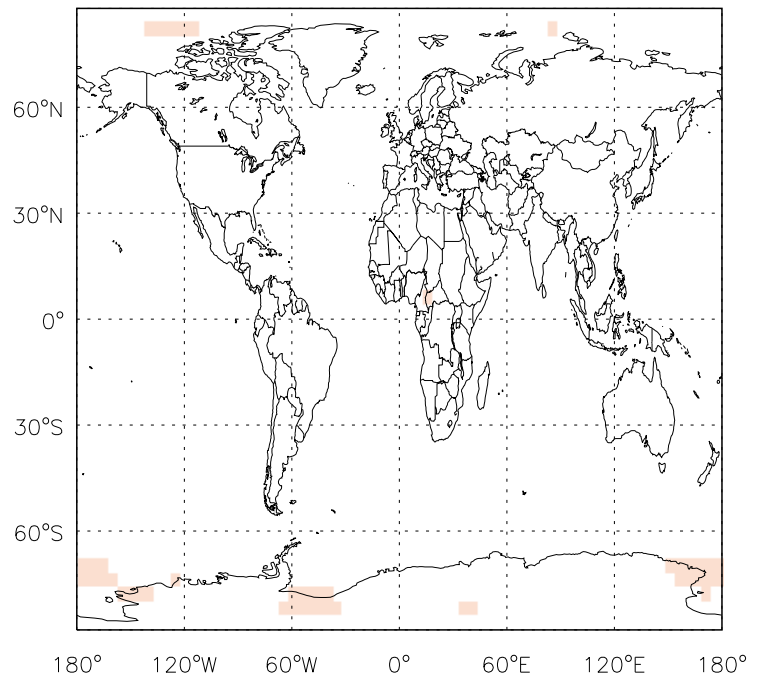
v11-01d-Run1 / v11-01b-Run0
NO / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
NO / Ratio @ Surface for Oct



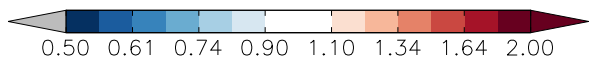
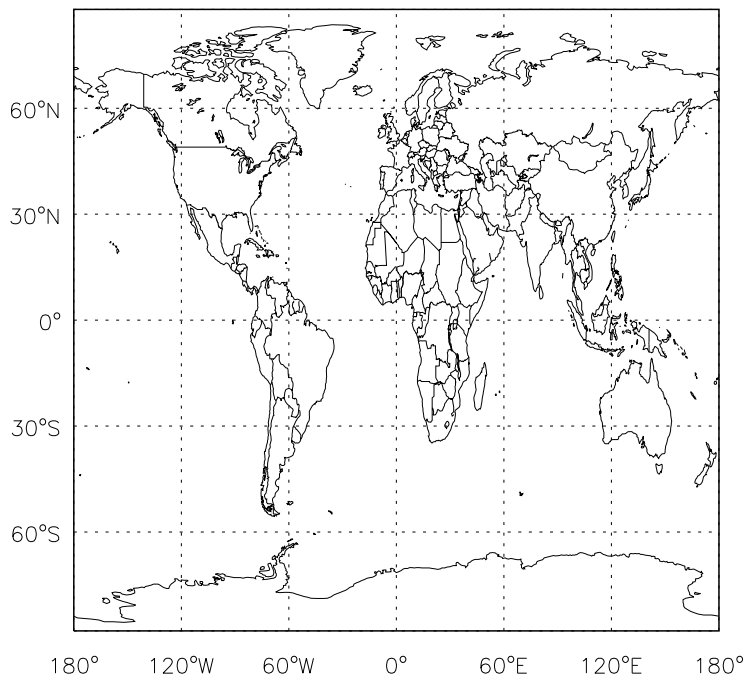
v11-01d-Run1 / v10-01-public-Run0
NO / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

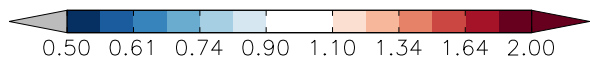
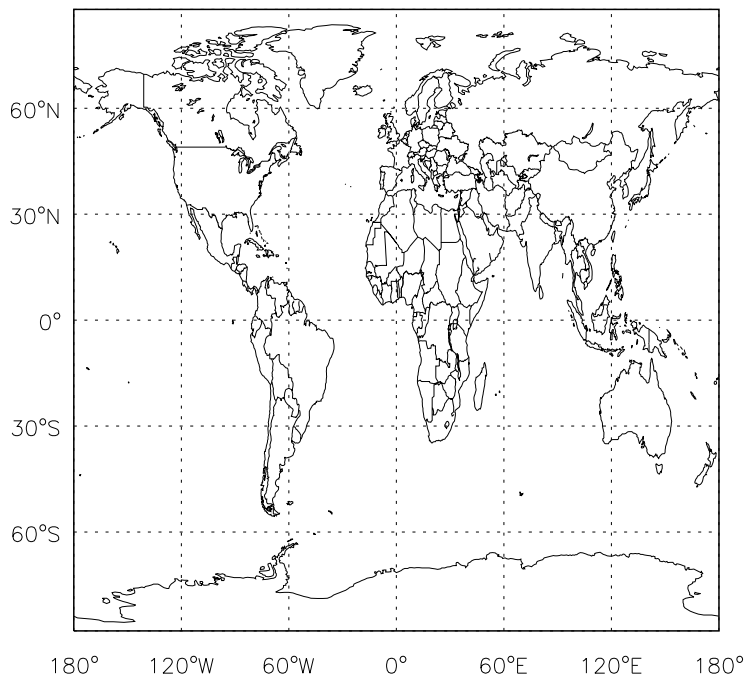
v11-01d-Run1 / v11-01b-Run0

O3 / Ratio @ Surface for Oct



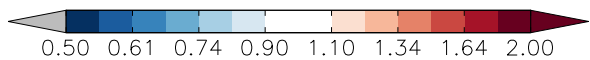
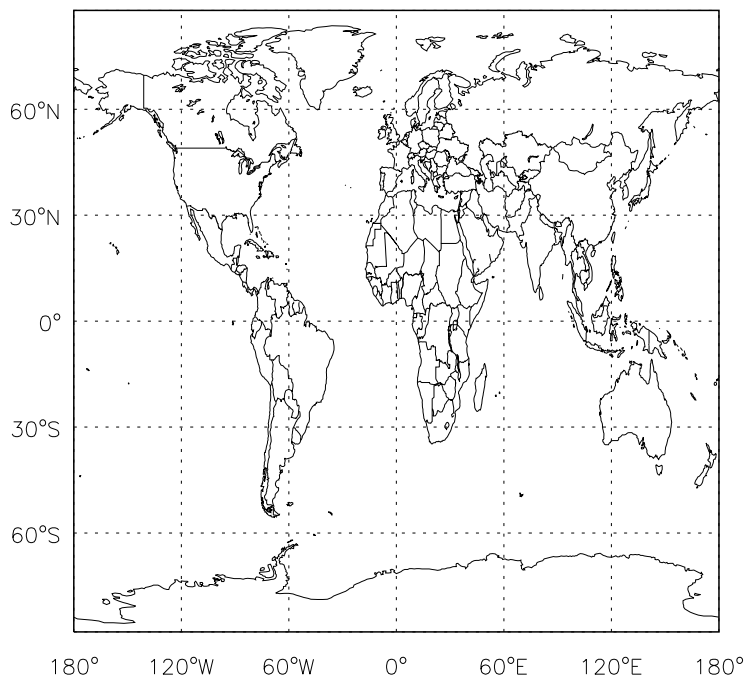
v11-01d-Run1 / v11-01b-Run0

O3/ Ratio @ 500 hPa for Oct



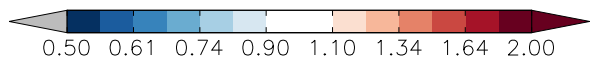
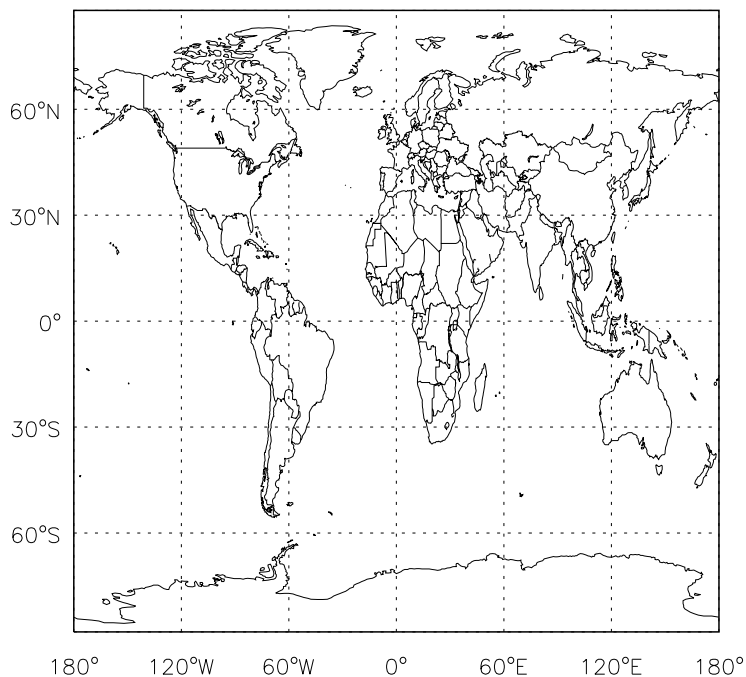
v11-01d-Run1 / v10-01-public-Run0

O3 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

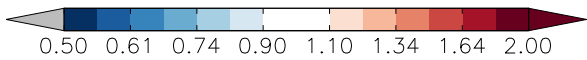
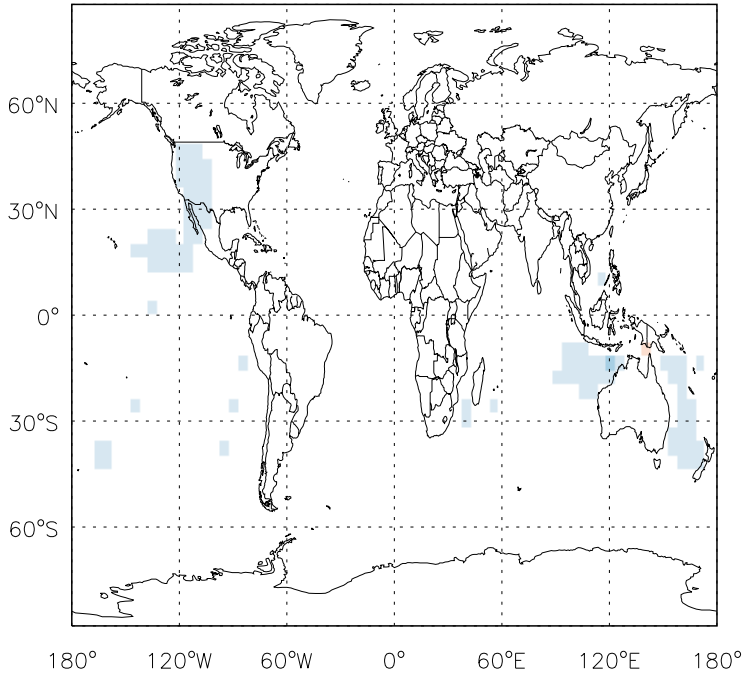
O3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

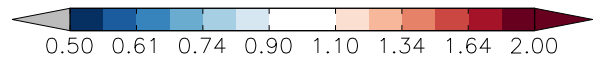
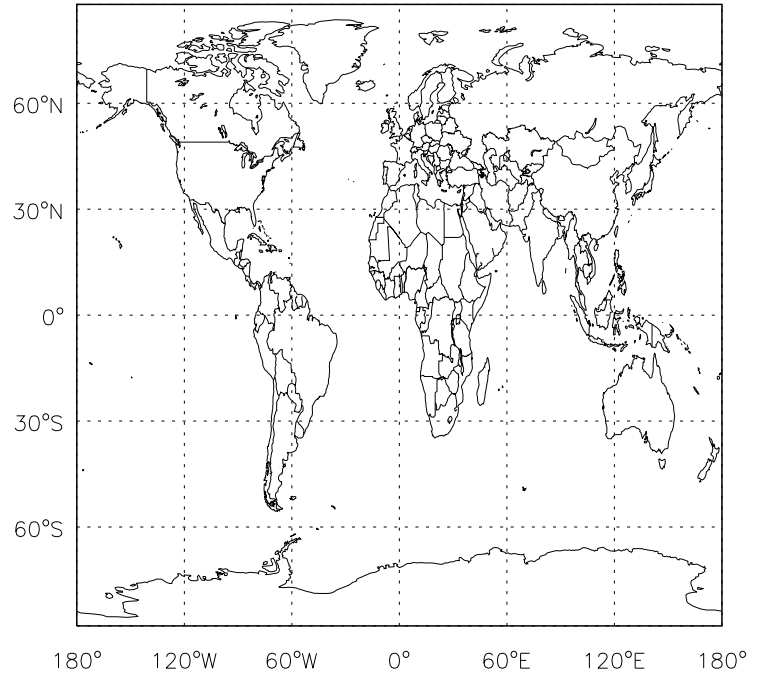
v11-01d-Run1 / v11-01b-Run0

PAN / Ratio @ Surface for Oct



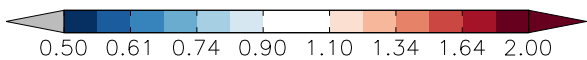
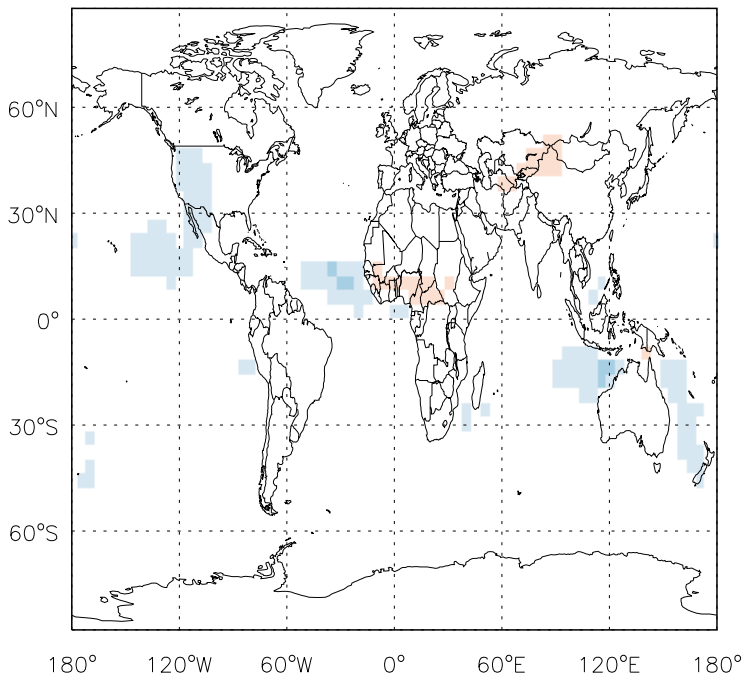
v11-01d-Run1 / v11-01b-Run0

PAN/ Ratio @ 500 hPa for Oct



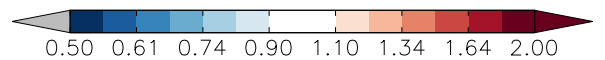
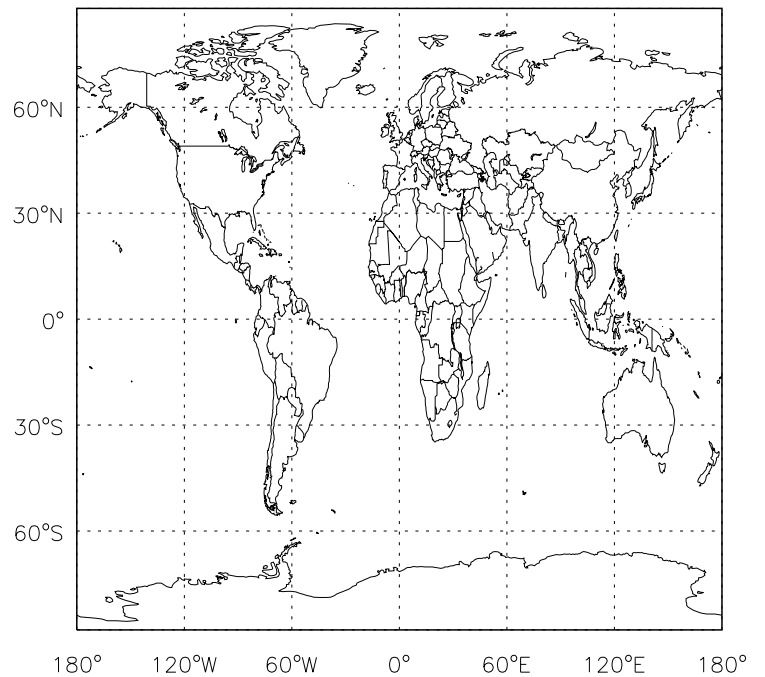
v11-01d-Run1 / v10-01-public-Run0

PAN / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

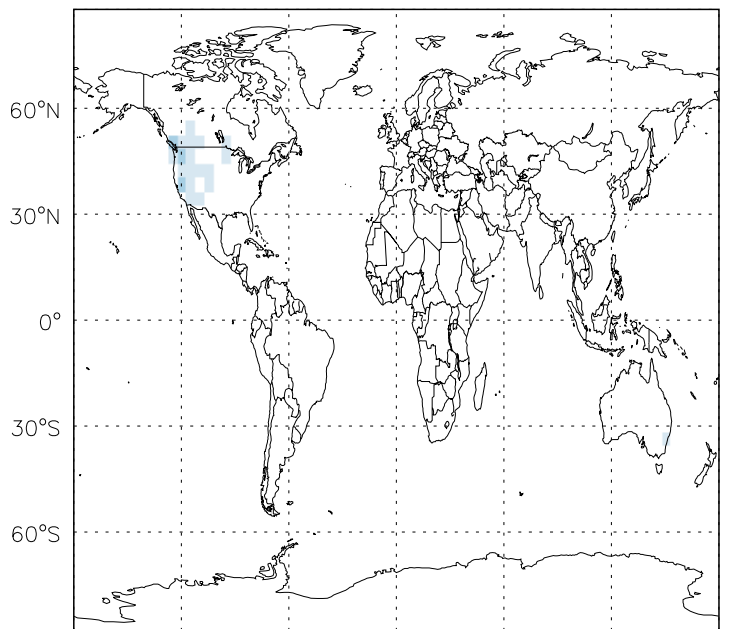
PAN/ Ratio @ 500 hPa for Oct



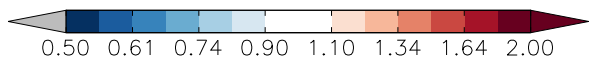
GEOS-Chem Ratio Maps at surface and 500 hPa

v11-01d-Run1 / v11-01b-Run0

CO / Ratio @ Surface for Oct

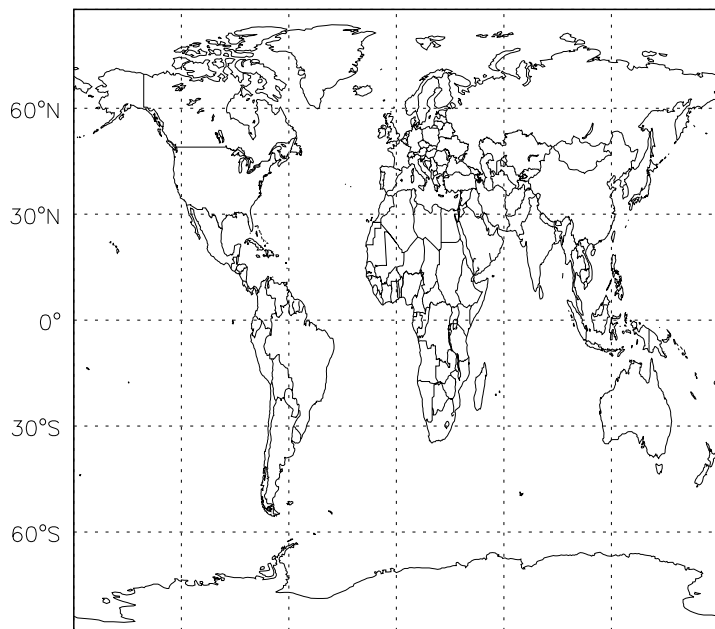


180° 120°W 60°W 0° 60°E 120°E 180°

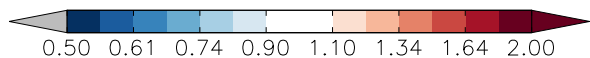


v11-01d-Run1 / v11-01b-Run0

CO/ Ratio @ 500 hPa for Oct

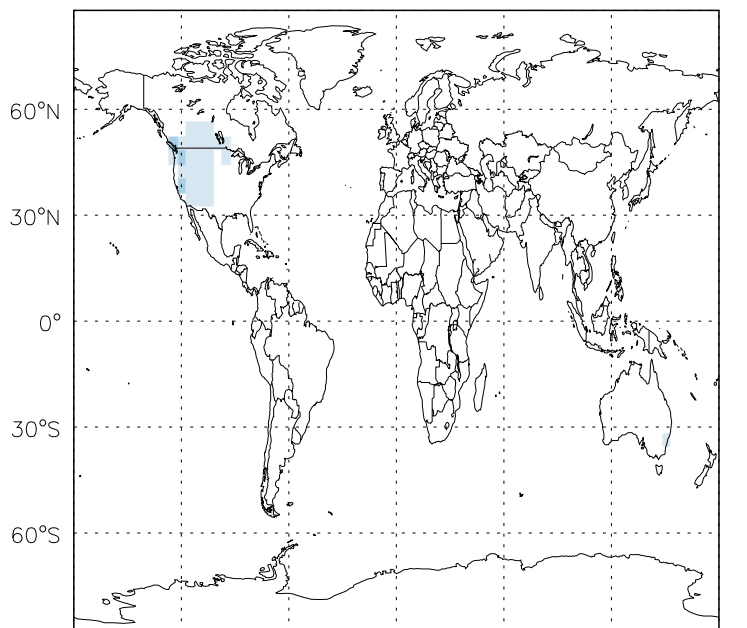


180° 120°W 60°W 0° 60°E 120°E 180°

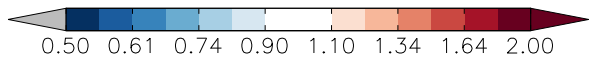


v11-01d-Run1 / v10-01-public-Run0

CO / Ratio @ Surface for Oct

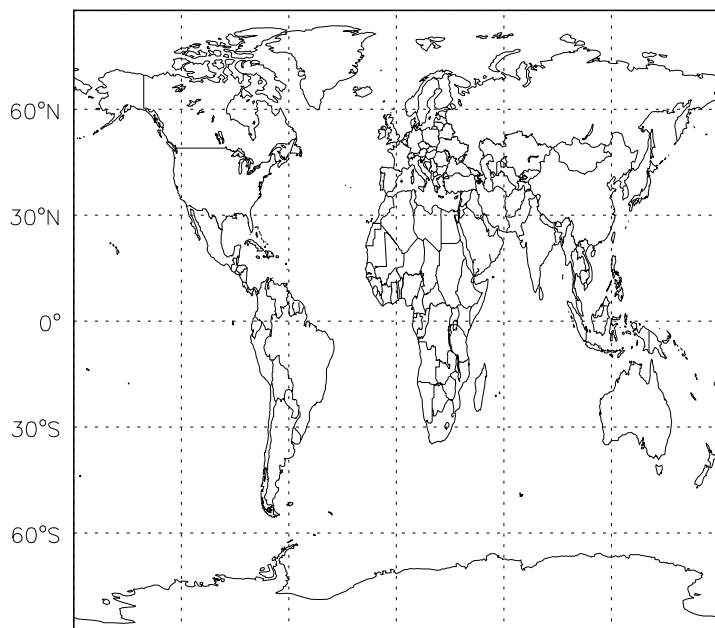


180° 120°W 60°W 0° 60°E 120°E 180°

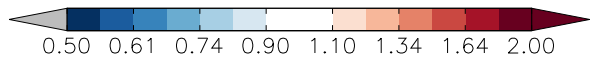


v11-01d-Run1 / v10-01-public-Run0

CO/ Ratio @ 500 hPa for Oct



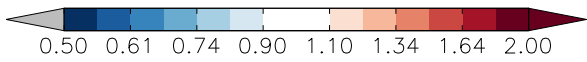
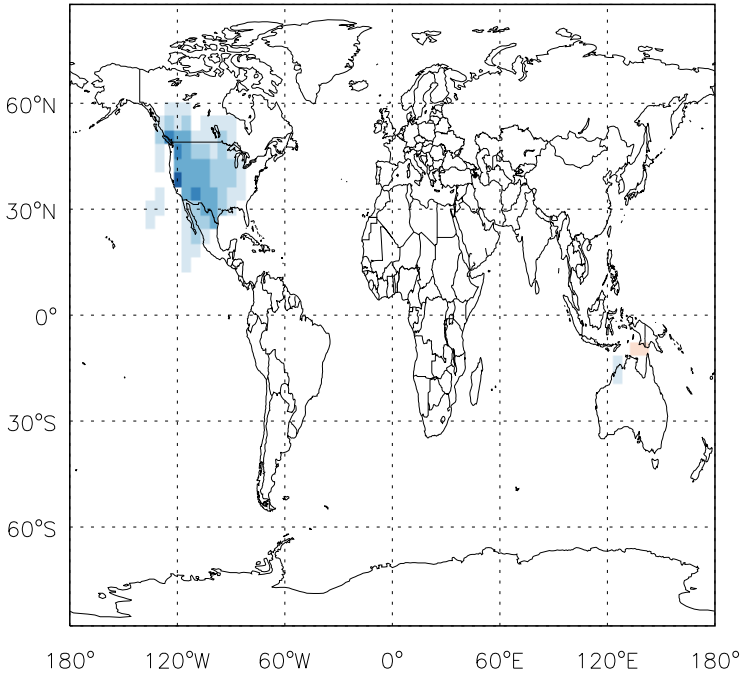
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

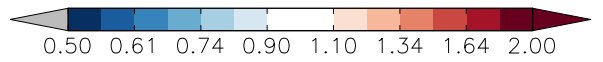
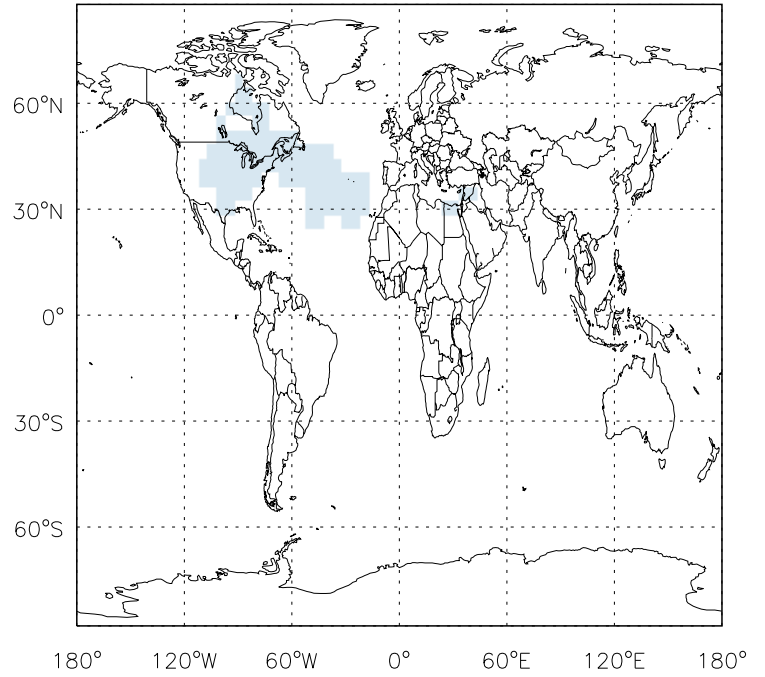
v11-01d-Run1 / v11-01b-Run0

ALK4 / Ratio @ Surface for Oct



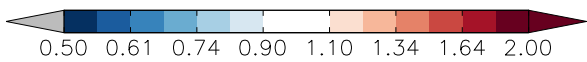
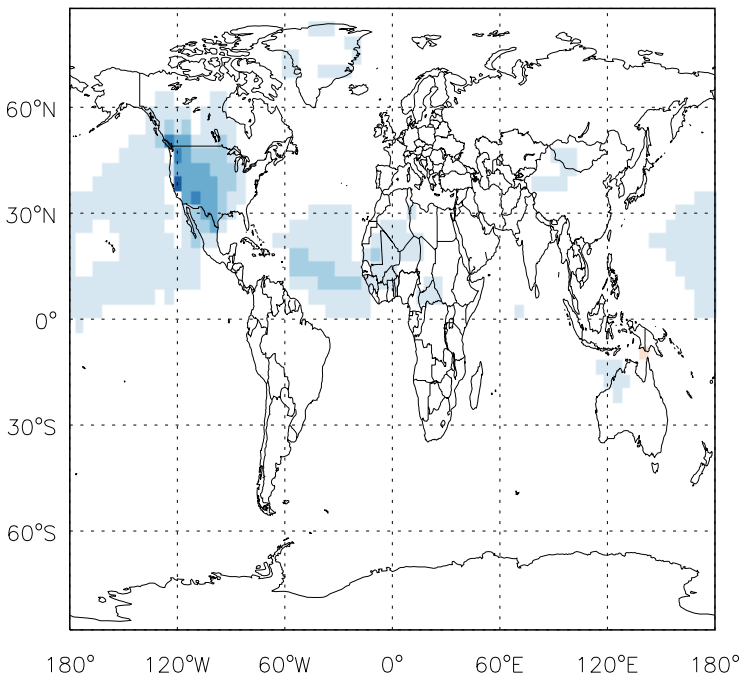
v11-01d-Run1 / v11-01b-Run0

ALK4 / Ratio @ 500 hPa for Oct



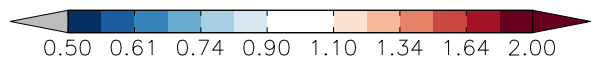
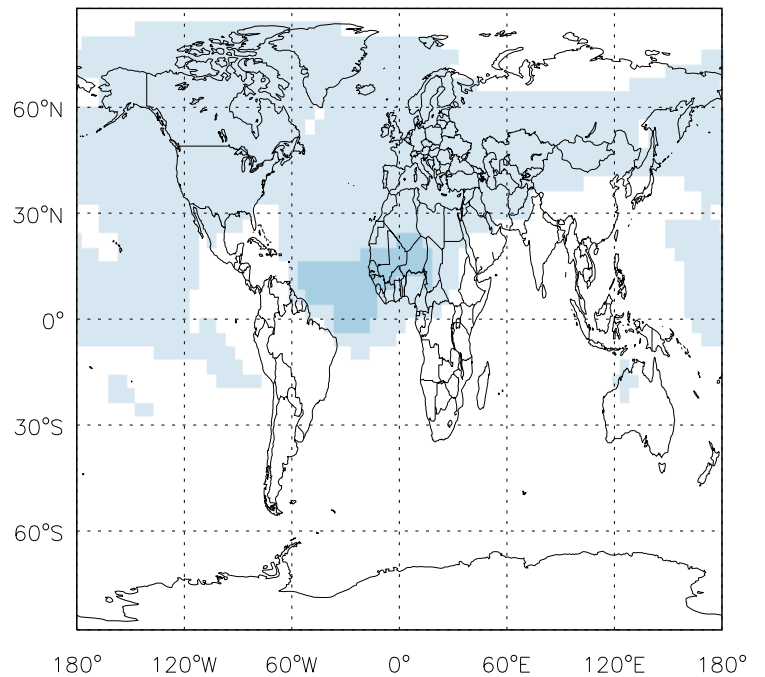
v11-01d-Run1 / v10-01-public-Run0

ALK4 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

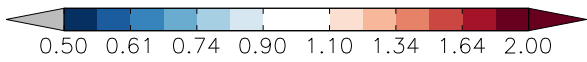
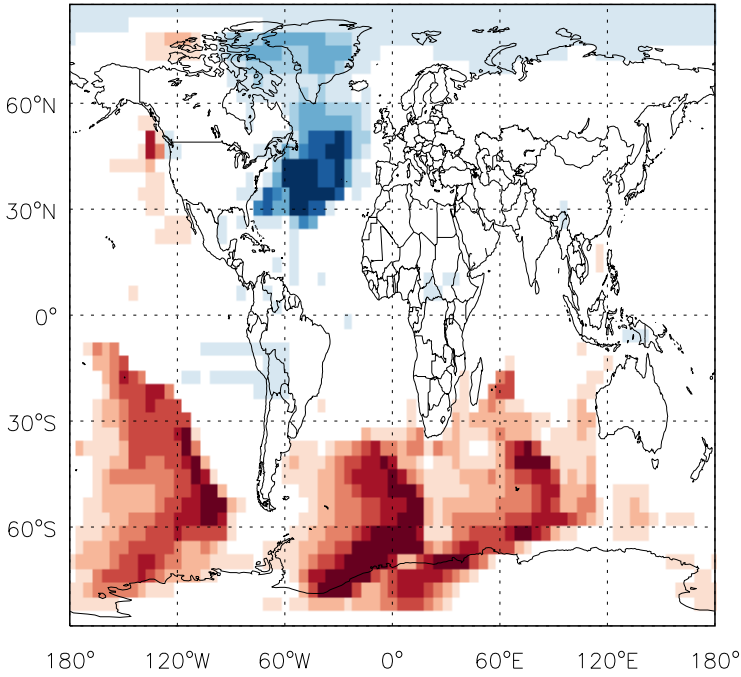
ALK4 / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

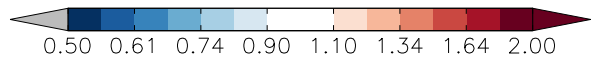
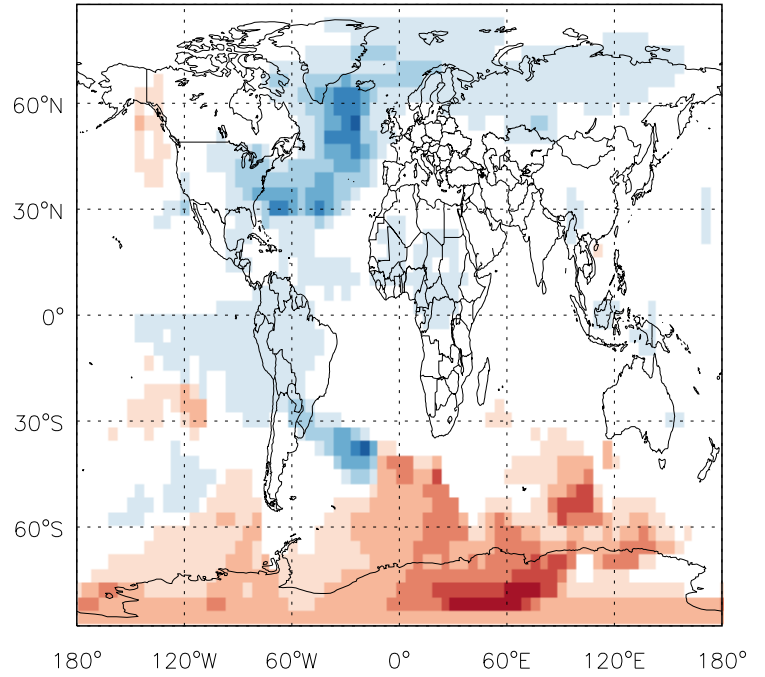
v11-01d-Run1 / v11-01b-Run0

ISOP / Ratio @ Surface for Oct



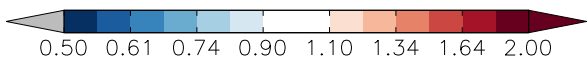
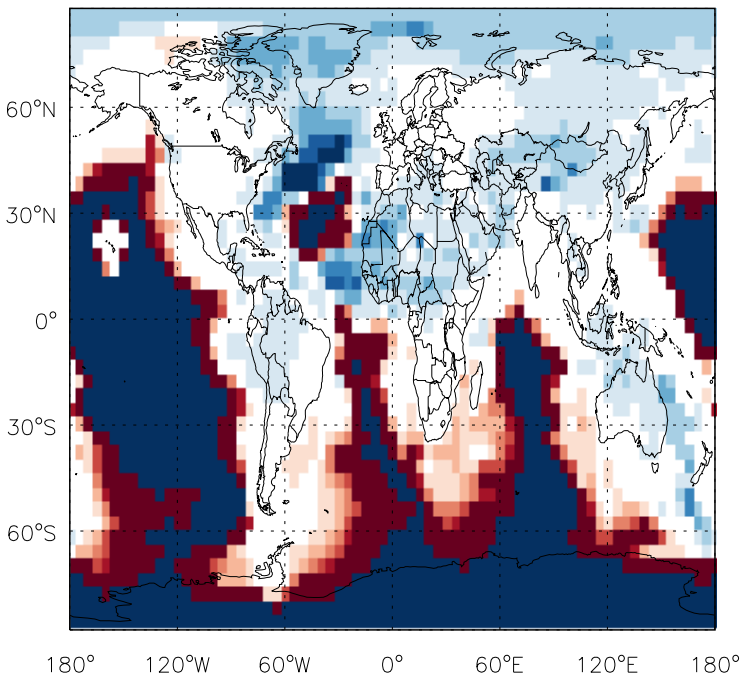
v11-01d-Run1 / v11-01b-Run0

ISOP/ Ratio @ 500 hPa for Oct



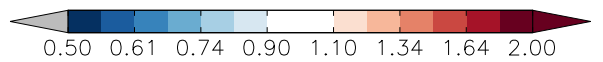
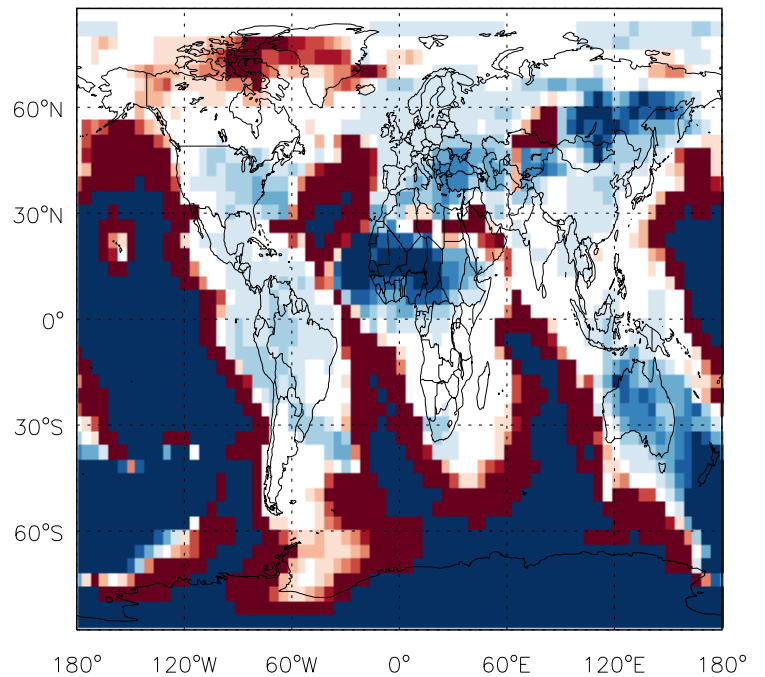
v11-01d-Run1 / v10-01-public-Run0

ISOP / Ratio @ Surface for Oct



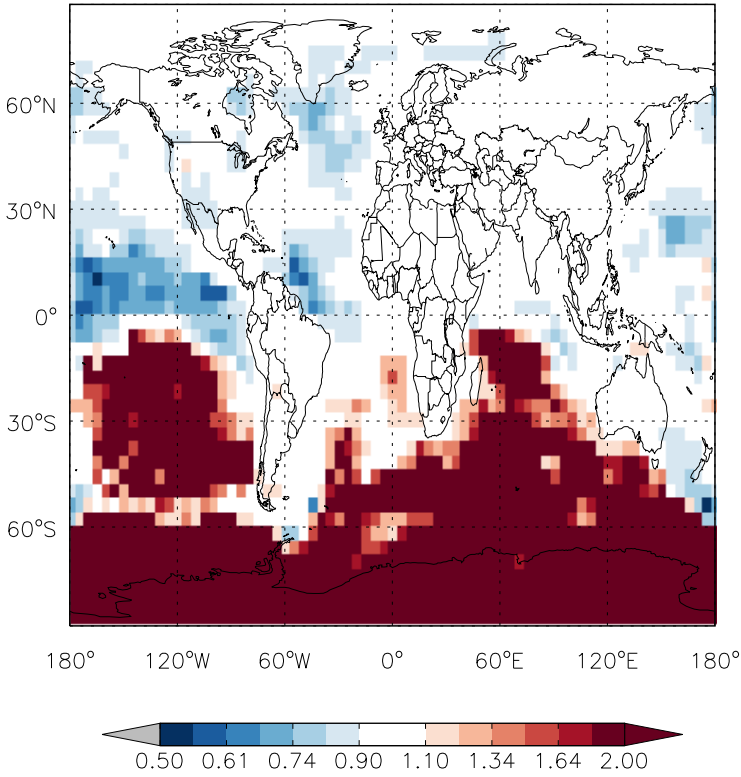
v11-01d-Run1 / v10-01-public-Run0

ISOP/ Ratio @ 500 hPa for Oct

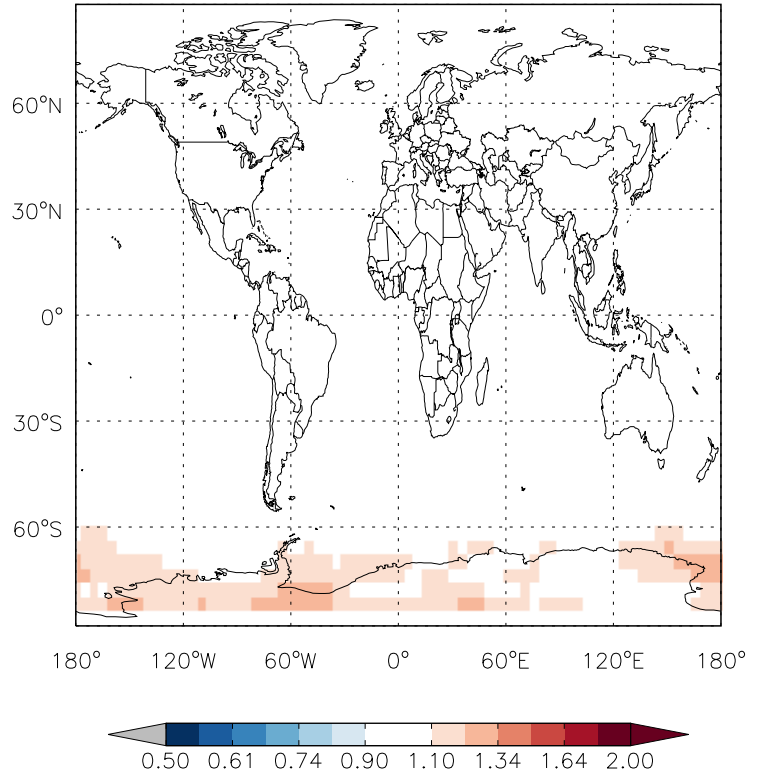


GEOS-Chem Ratio Maps at surface and 500 hPa

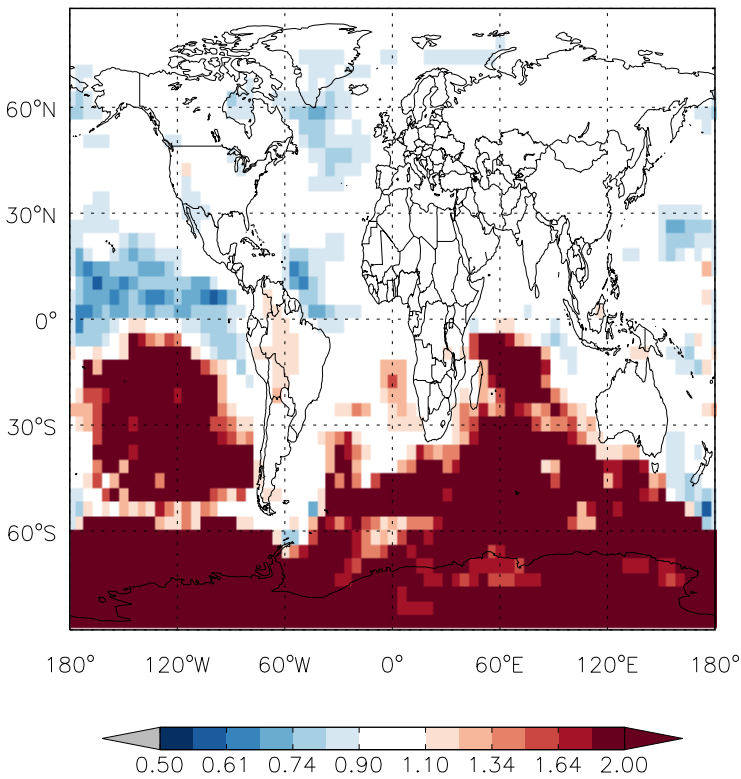
v11-01d-Run1 / v11-01b-Run0
HN03 / Ratio @ Surface for Oct



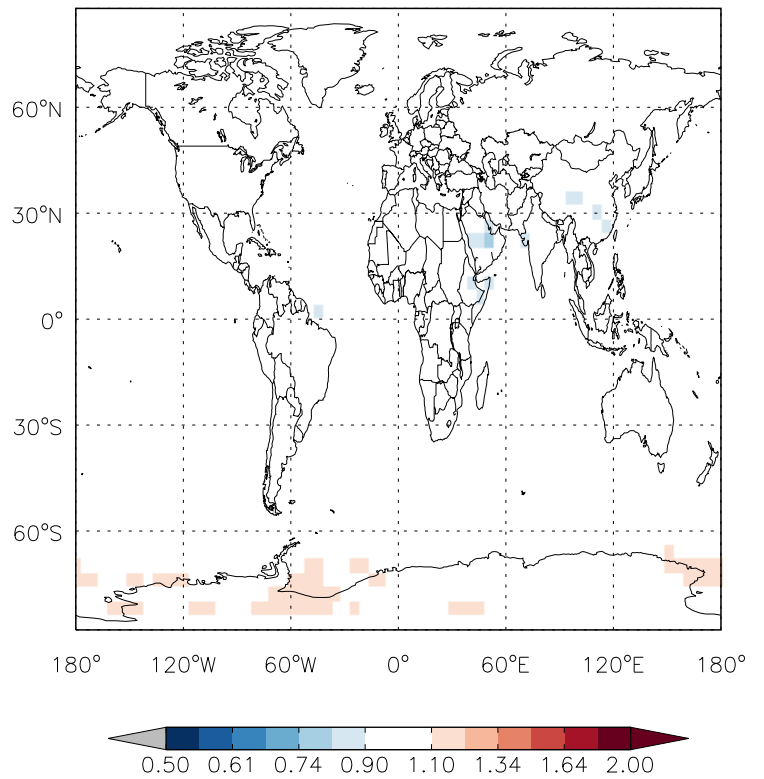
v11-01d-Run1 / v11-01b-Run0
HN03/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
HN03 / Ratio @ Surface for Oct

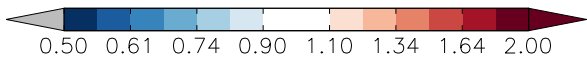
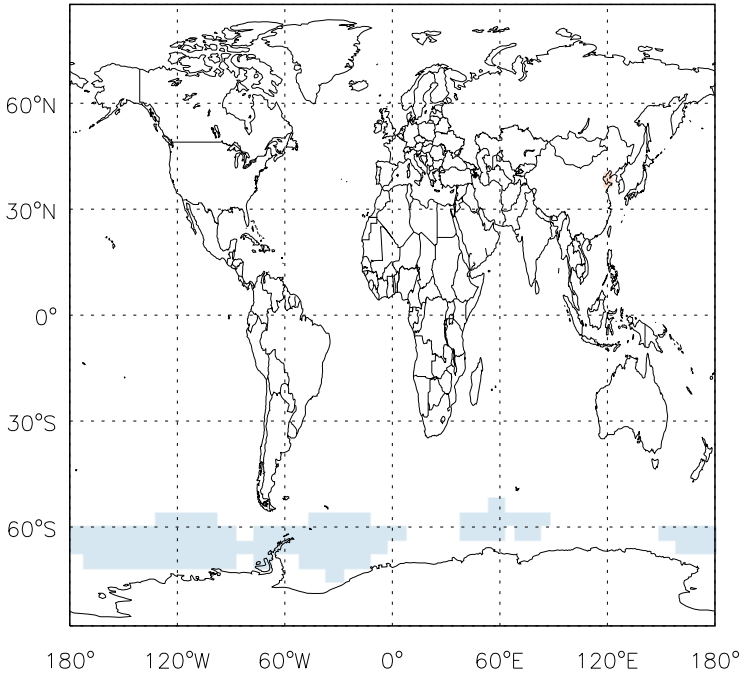


v11-01d-Run1 / v10-01-public-Run0
HN03/ Ratio @ 500 hPa for Oct

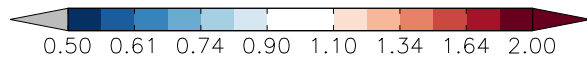
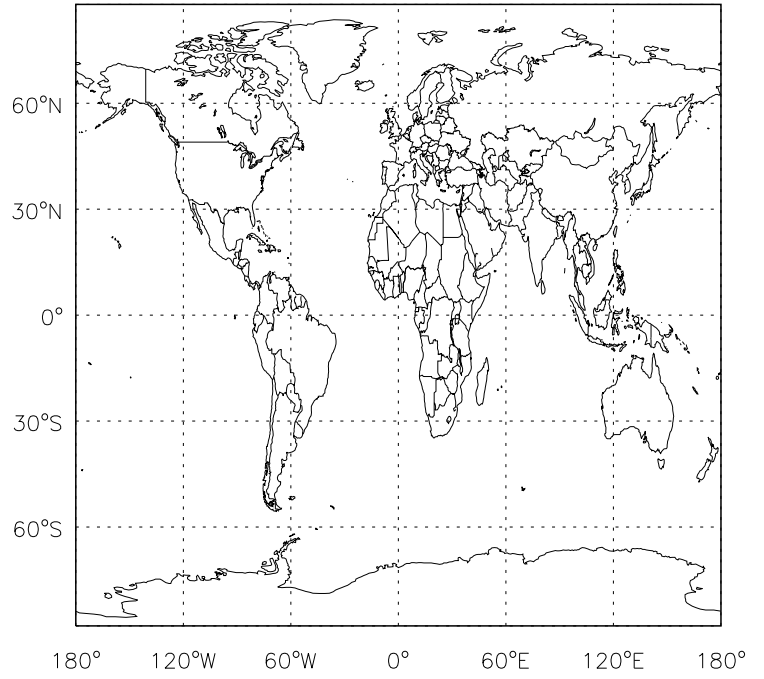


GEOS-Chem Ratio Maps at surface and 500 hPa

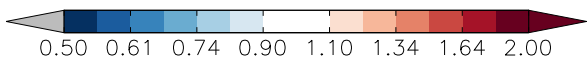
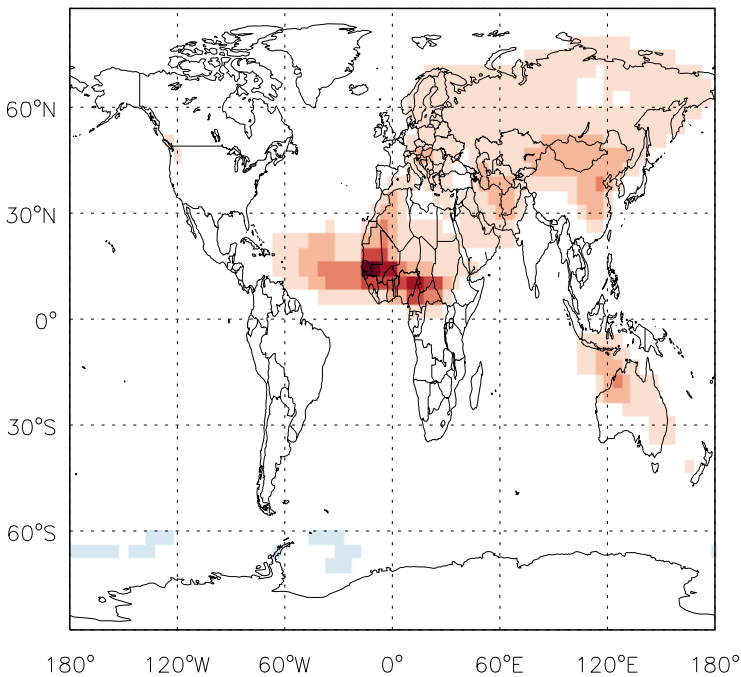
v11-01d-Run1 / v11-01b-Run0
H2O2 / Ratio @ Surface for Oct



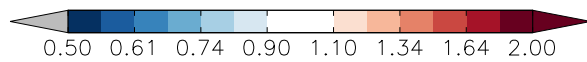
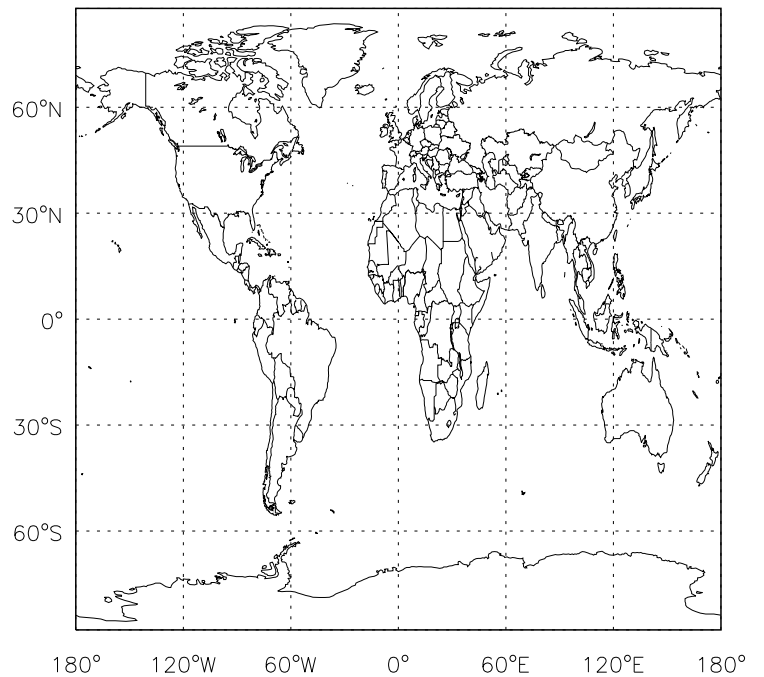
v11-01d-Run1 / v11-01b-Run0
H2O2 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
H2O2 / Ratio @ Surface for Oct



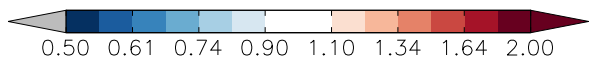
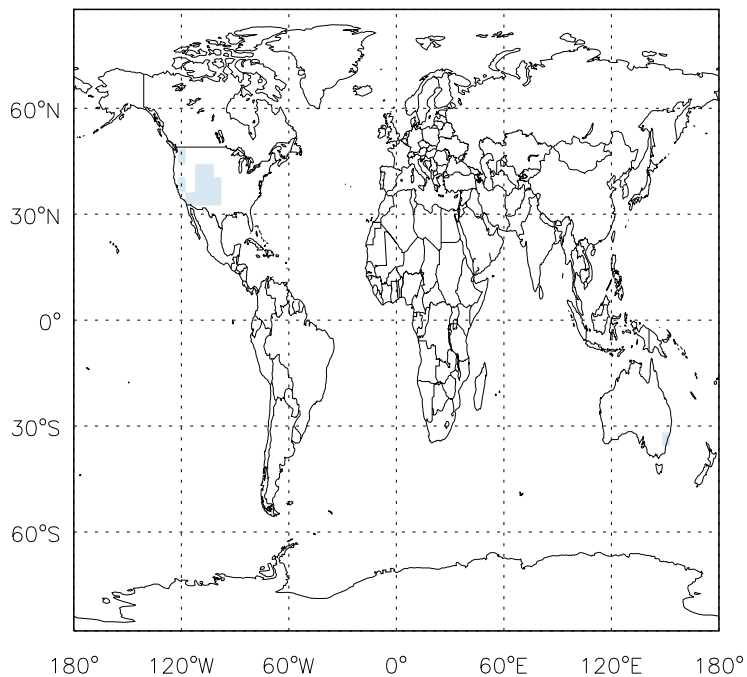
v11-01d-Run1 / v10-01-public-Run0
H2O2 / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

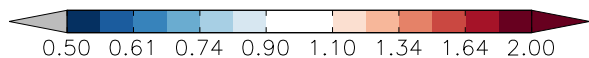
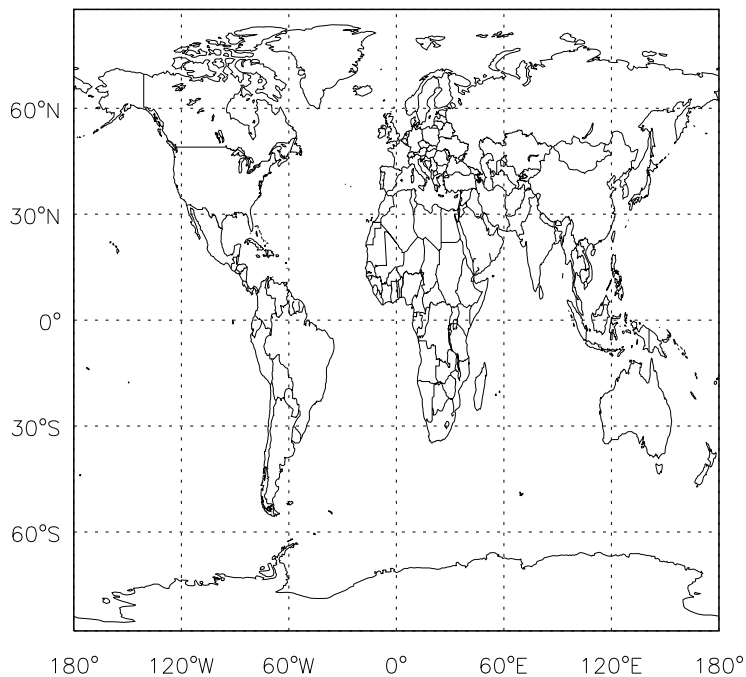
v11-01d-Run1 / v11-01b-Run0

ACET / Ratio @ Surface for Oct



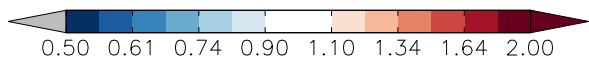
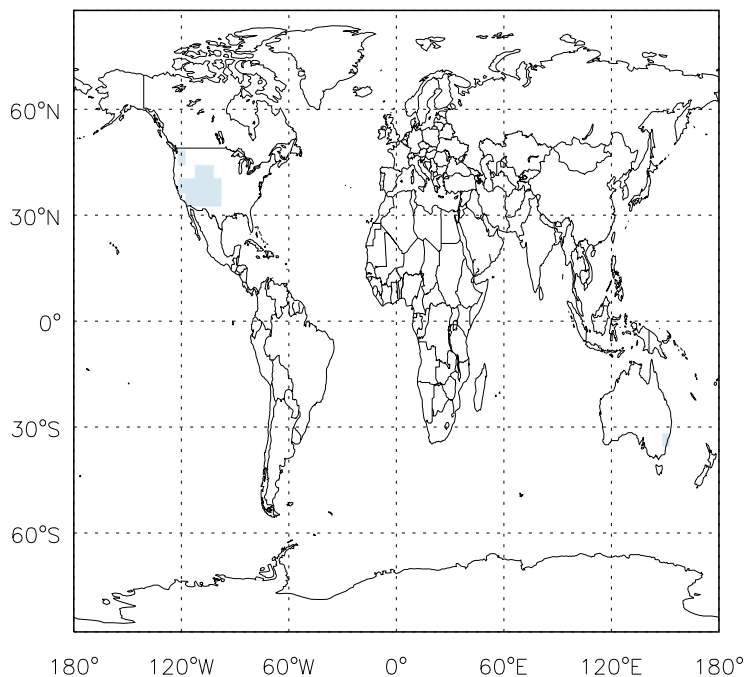
v11-01d-Run1 / v11-01b-Run0

ACET/ Ratio @ 500 hPa for Oct



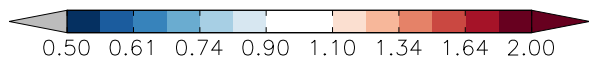
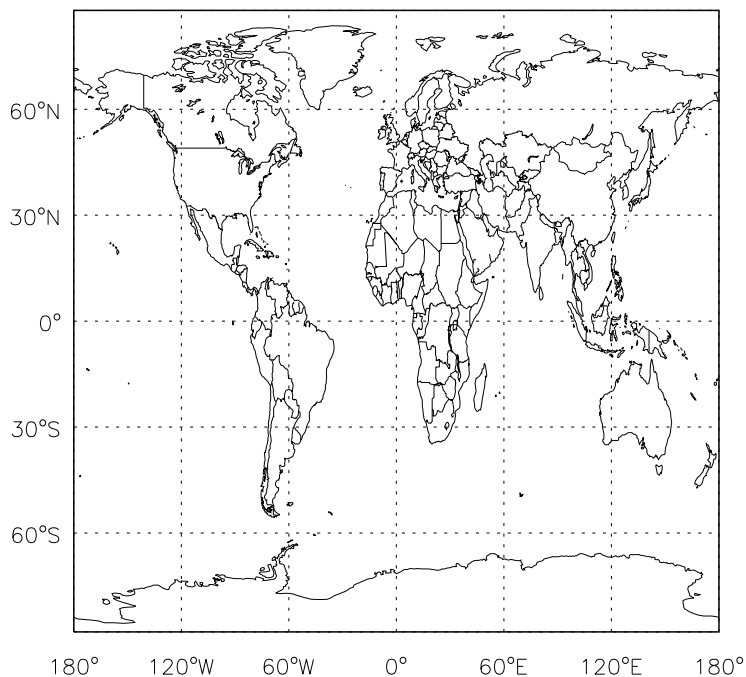
v11-01d-Run1 / v10-01-public-Run0

ACET / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

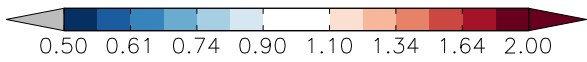
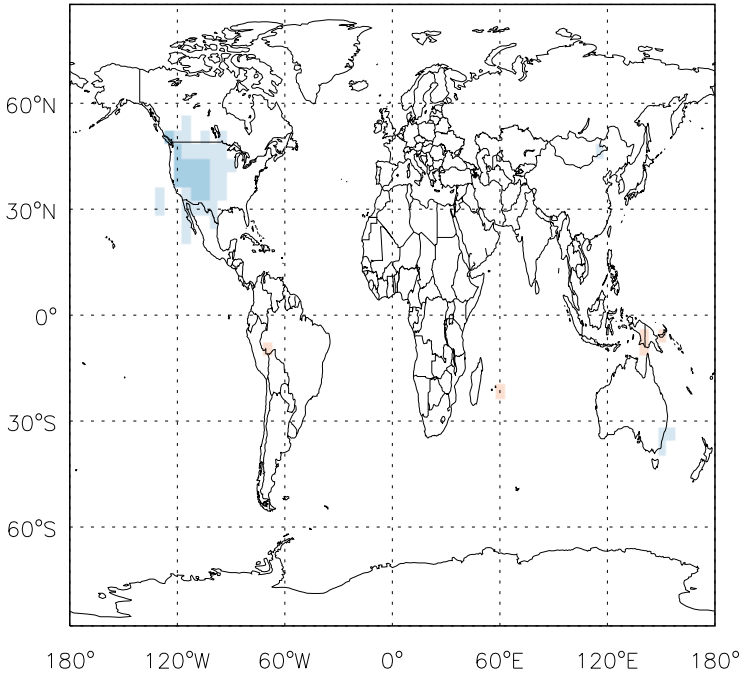
ACET/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

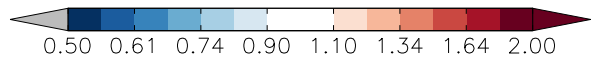
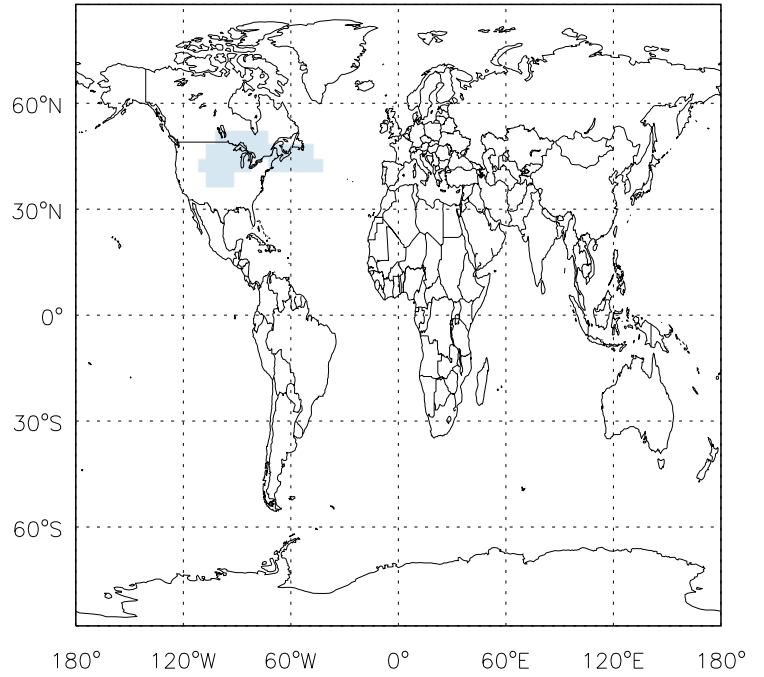
v11-01d-Run1 / v11-01b-Run0

MEK / Ratio @ Surface for Oct



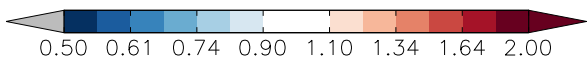
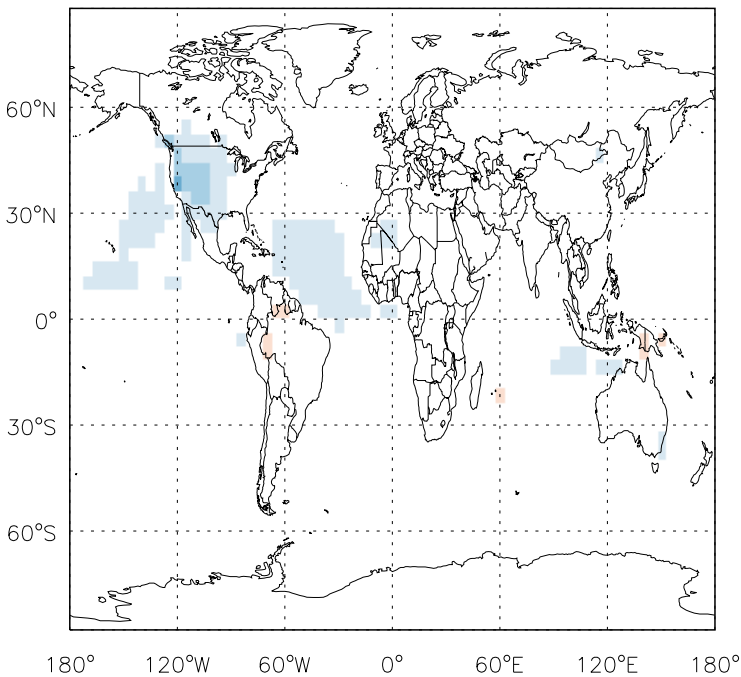
v11-01d-Run1 / v11-01b-Run0

MEK/ Ratio @ 500 hPa for Oct



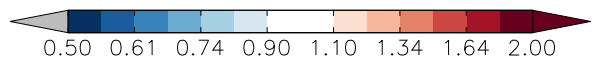
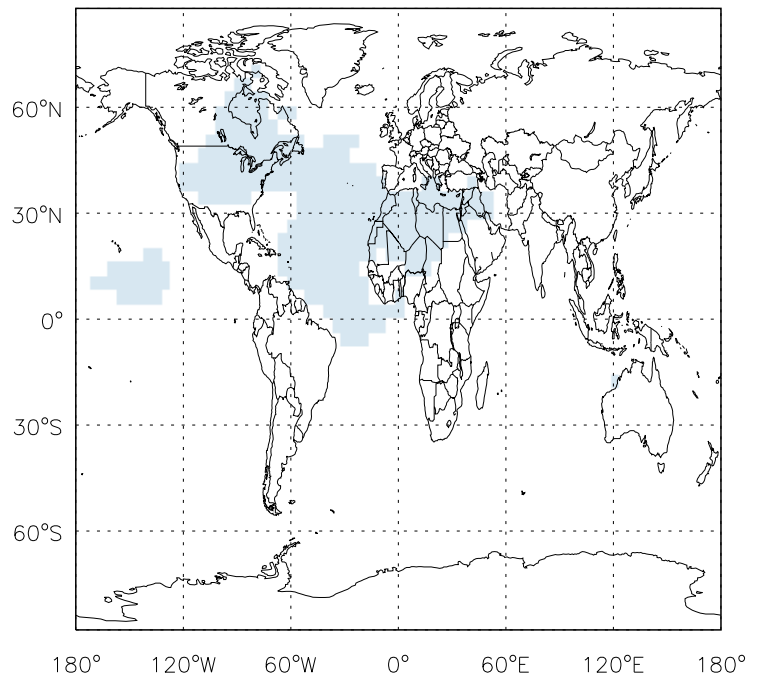
v11-01d-Run1 / v10-01-public-Run0

MEK / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

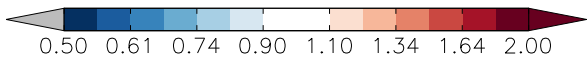
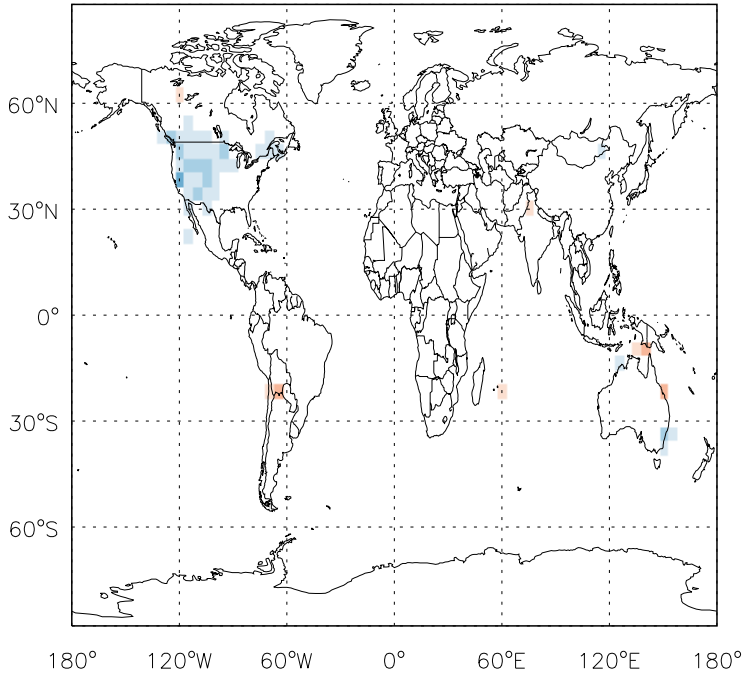
MEK/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

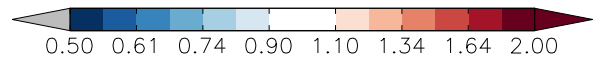
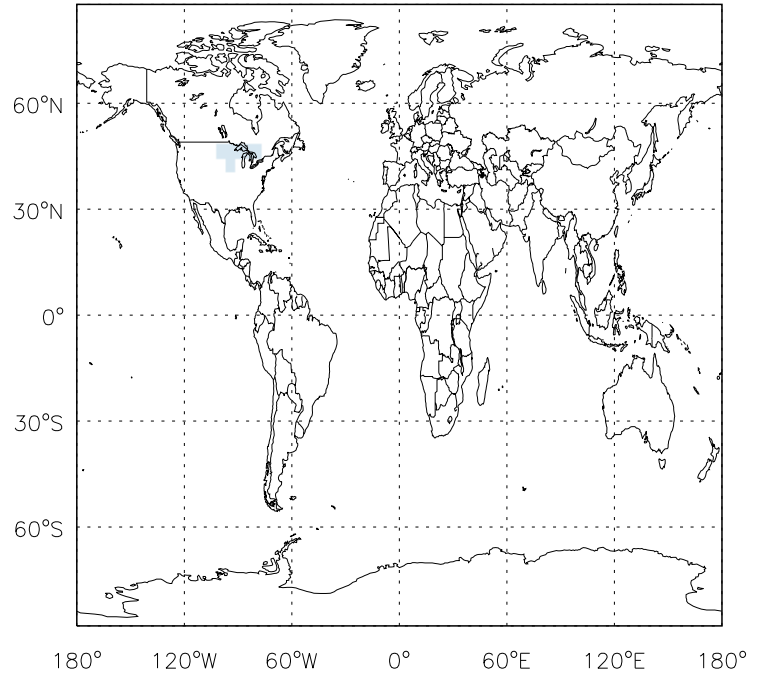
v11-01d-Run1 / v11-01b-Run0

ALD2 / Ratio @ Surface for Oct



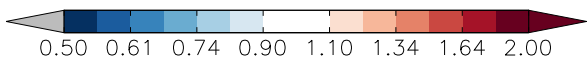
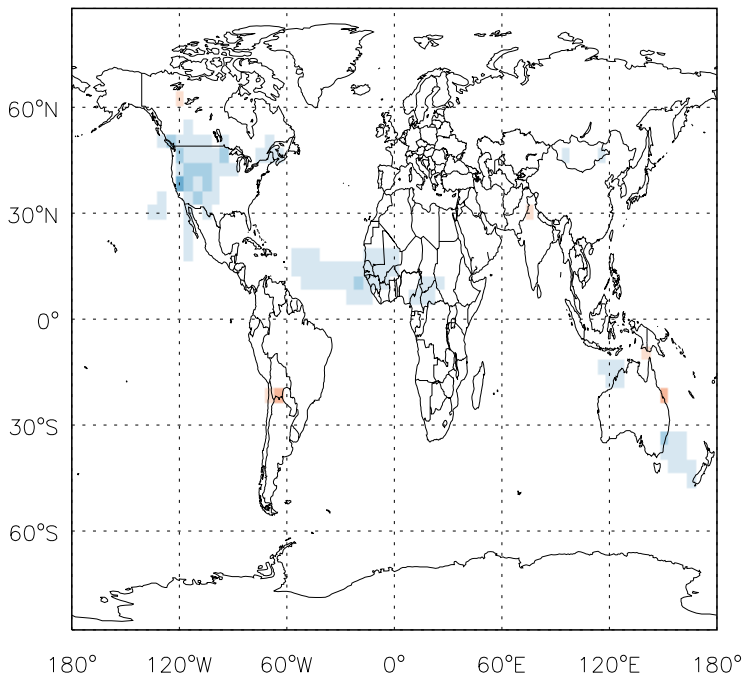
v11-01d-Run1 / v11-01b-Run0

ALD2/ Ratio @ 500 hPa for Oct



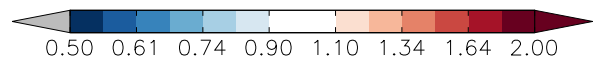
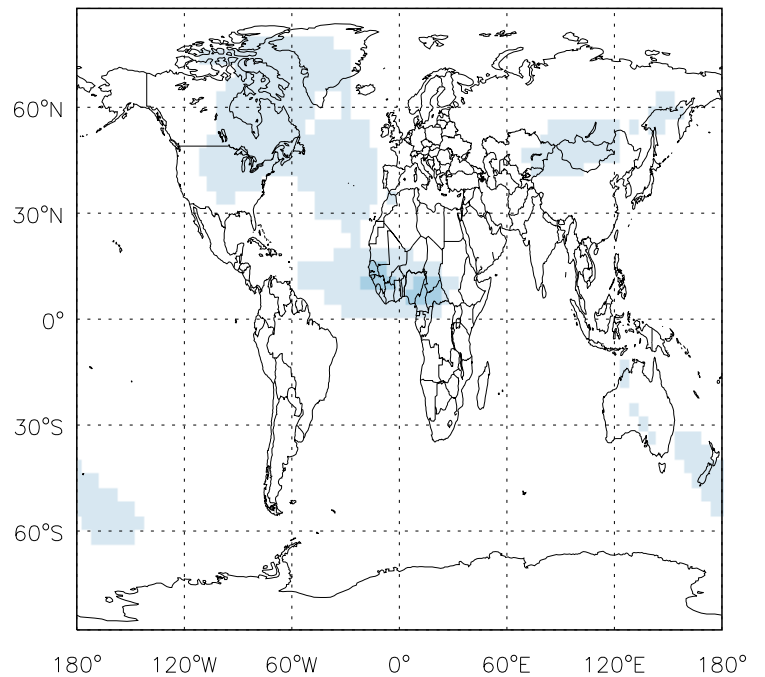
v11-01d-Run1 / v10-01-public-Run0

ALD2 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

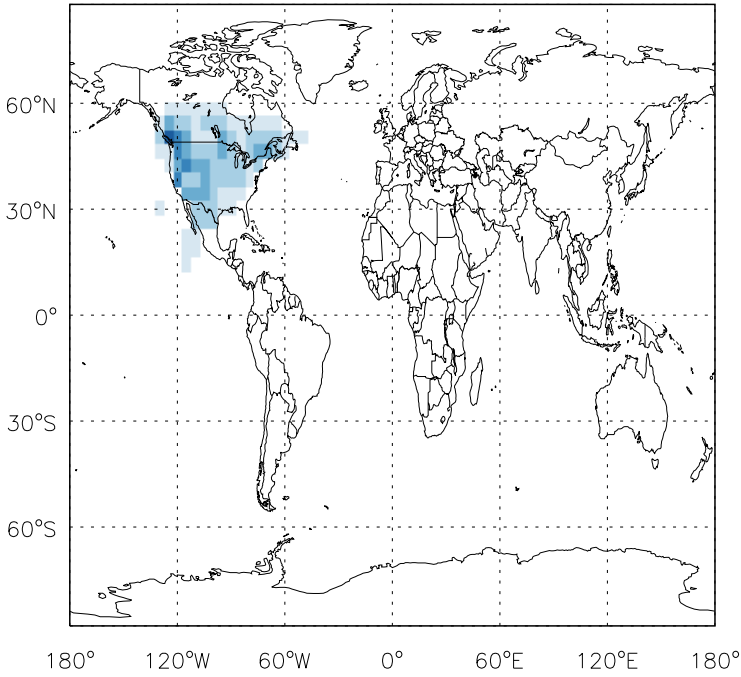
ALD2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

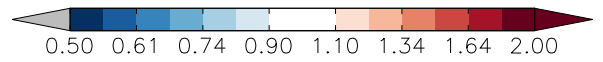
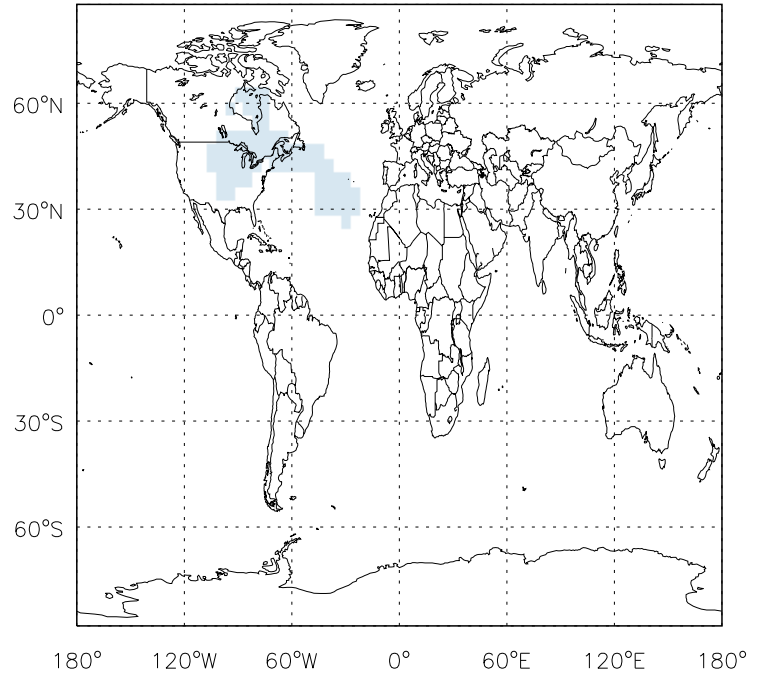
v11-01d-Run1 / v11-01b-Run0

RCHO / Ratio @ Surface for Oct



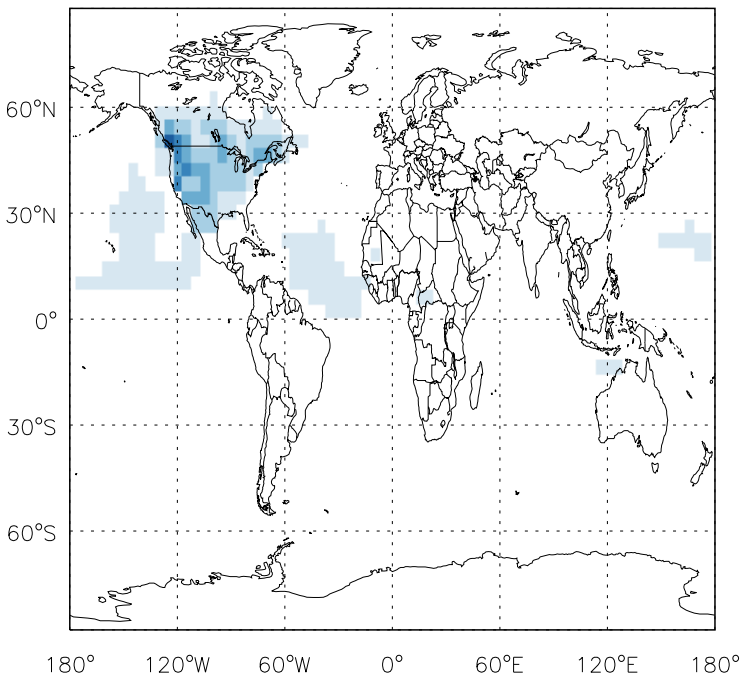
v11-01d-Run1 / v11-01b-Run0

RCHO/ Ratio @ 500 hPa for Oct



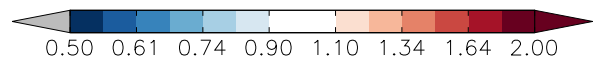
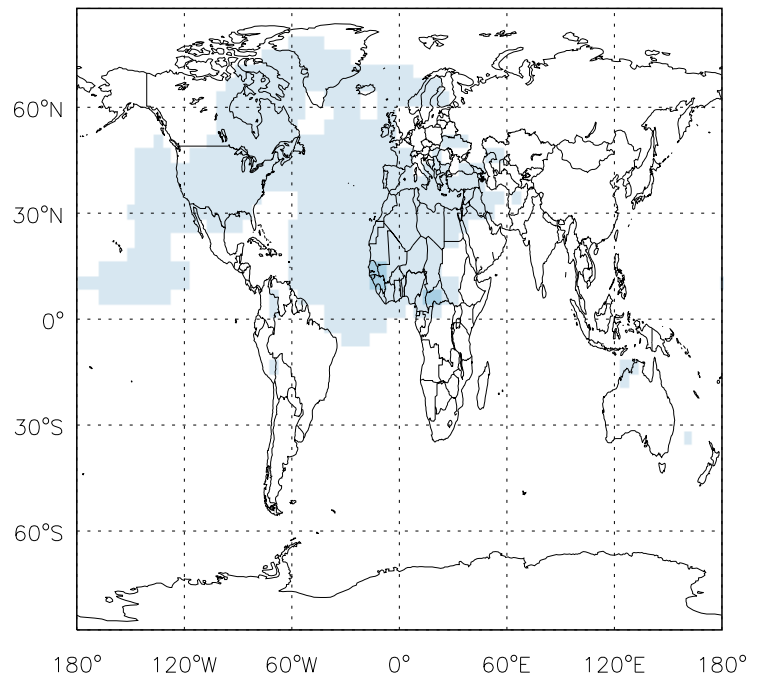
v11-01d-Run1 / v10-01-public-Run0

RCHO / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

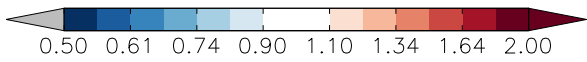
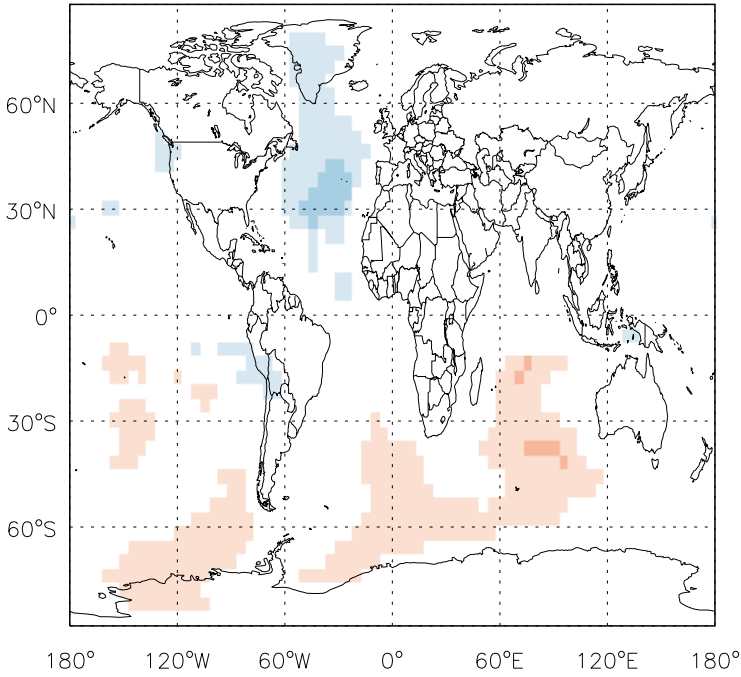
RCHO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

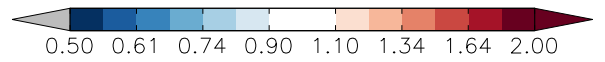
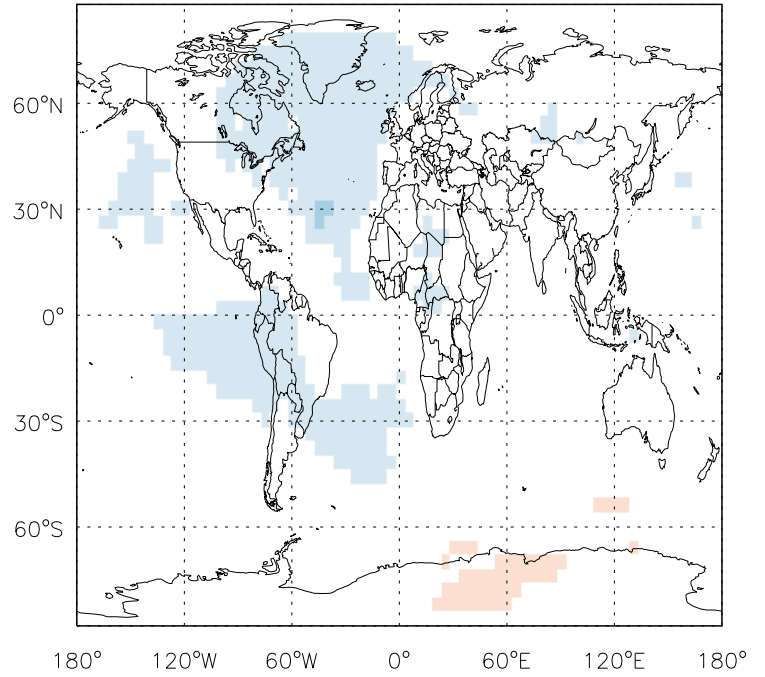
v11-01d-Run1 / v11-01b-Run0

MVK / Ratio @ Surface for Oct



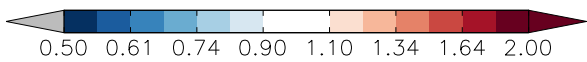
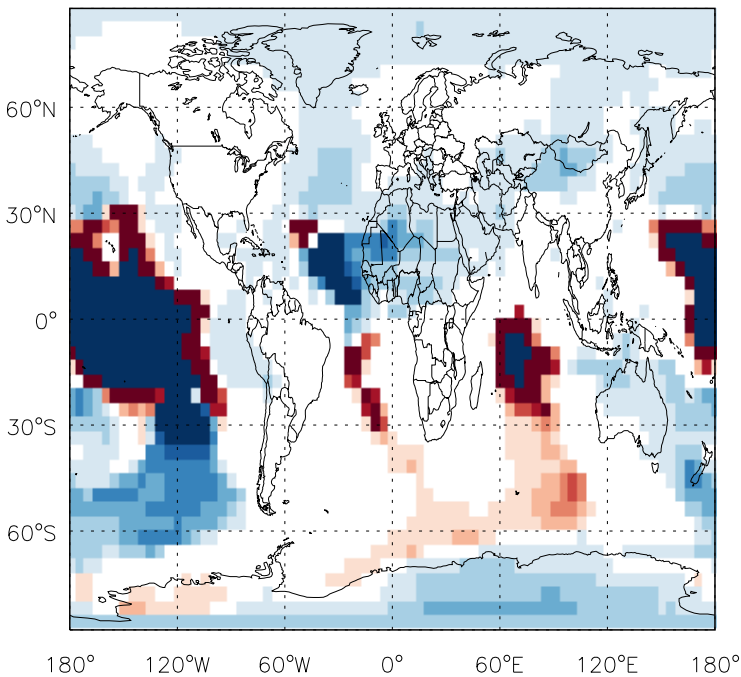
v11-01d-Run1 / v11-01b-Run0

MVK/ Ratio @ 500 hPa for Oct



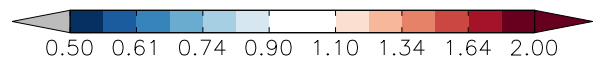
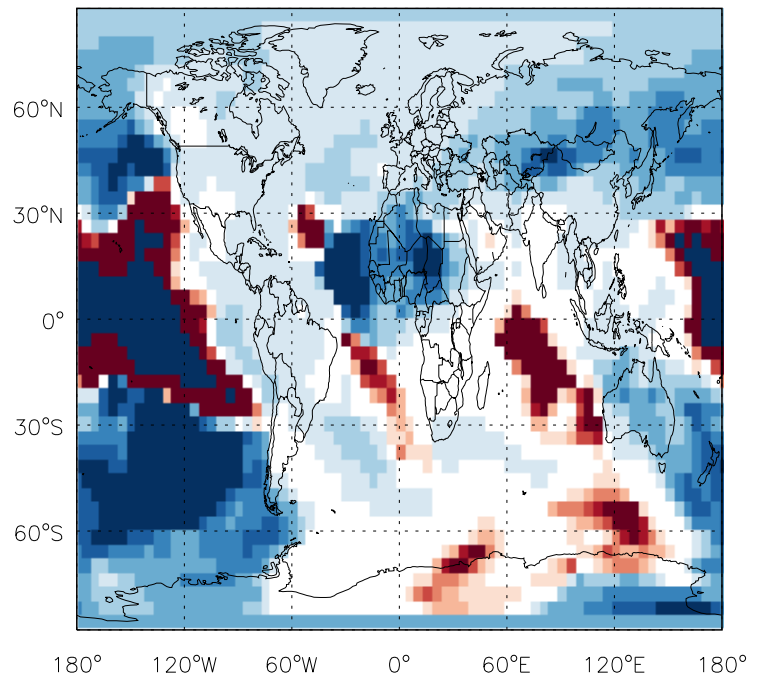
v11-01d-Run1 / v10-01-public-Run0

MVK / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

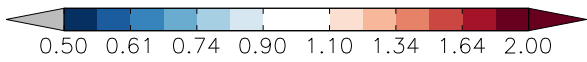
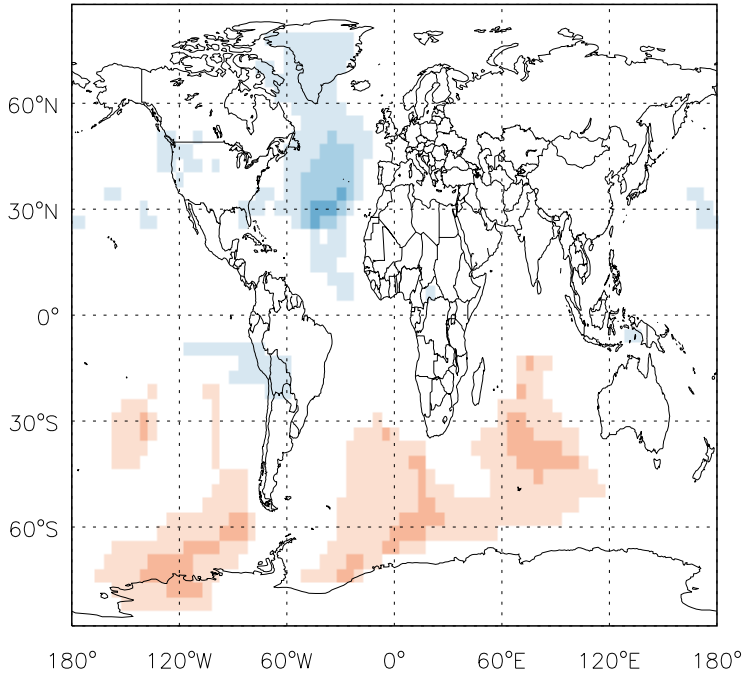
MVK/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

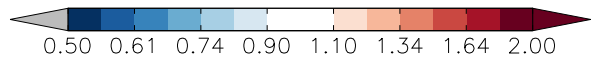
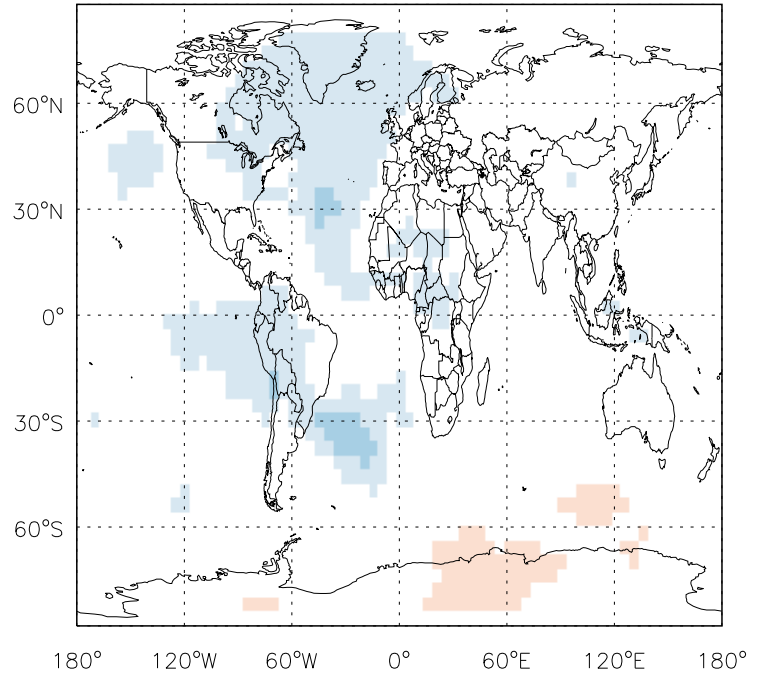
v11-01d-Run1 / v11-01b-Run0

MACR / Ratio @ Surface for Oct



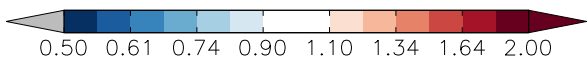
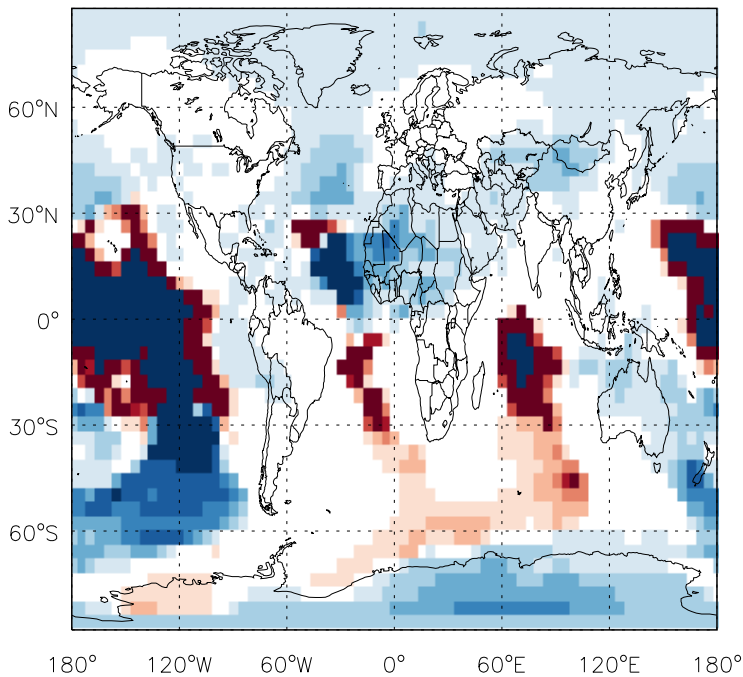
v11-01d-Run1 / v11-01b-Run0

MACR/ Ratio @ 500 hPa for Oct



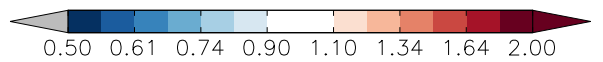
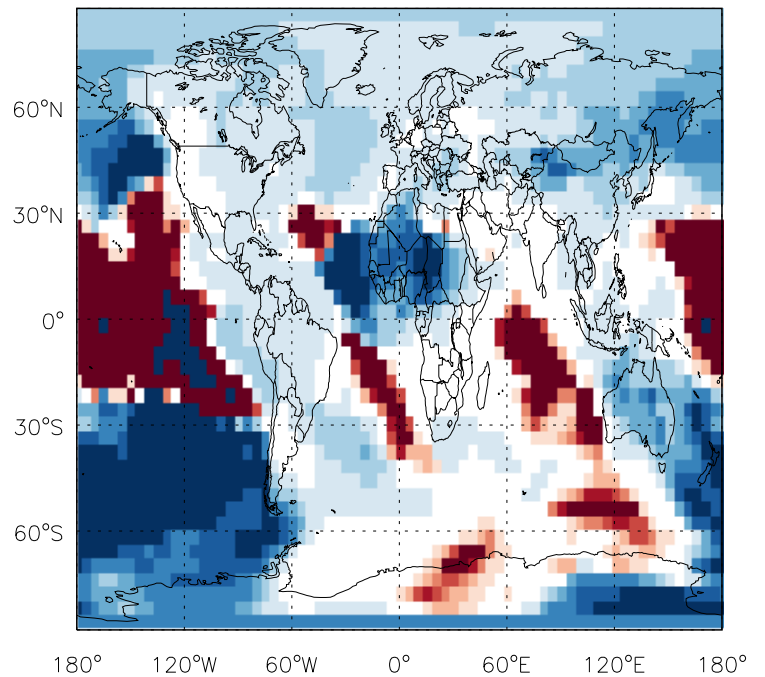
v11-01d-Run1 / v10-01-public-Run0

MACR / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

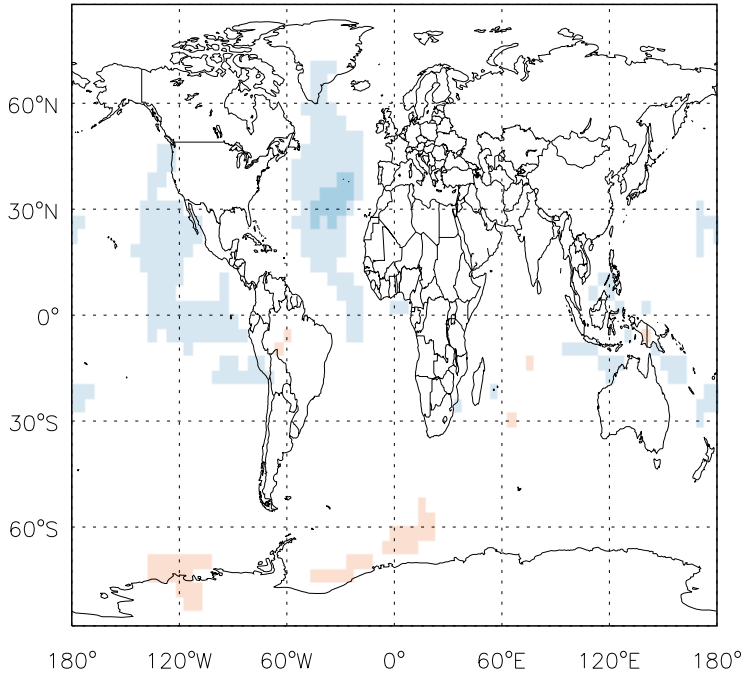
MACR/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

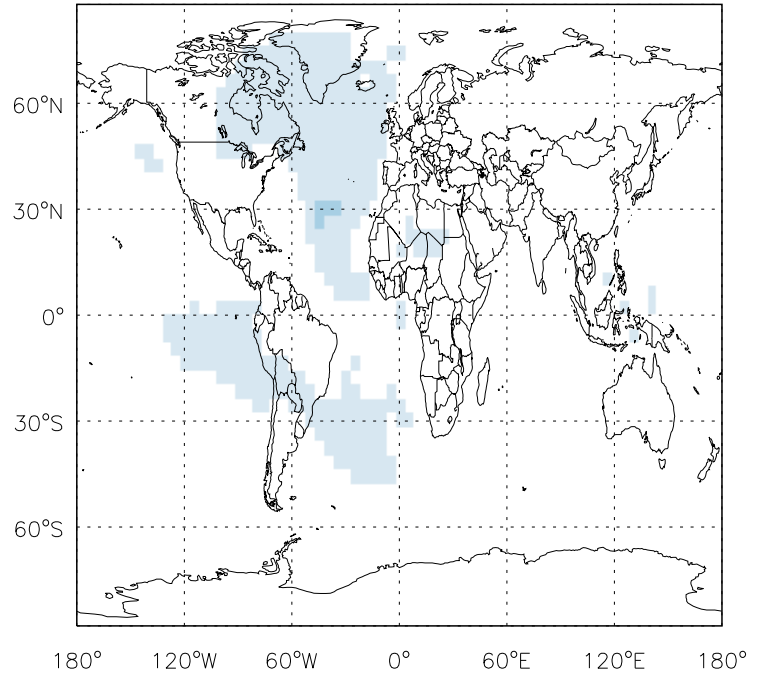
v11-01d-Run1 / v11-01b-Run0

PMN / Ratio @ Surface for Oct



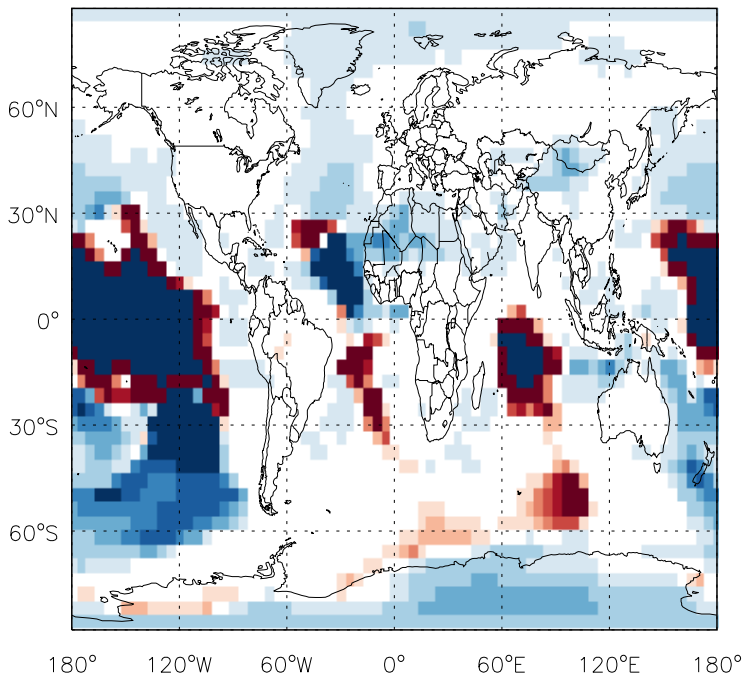
v11-01d-Run1 / v11-01b-Run0

PMN/ Ratio @ 500 hPa for Oct



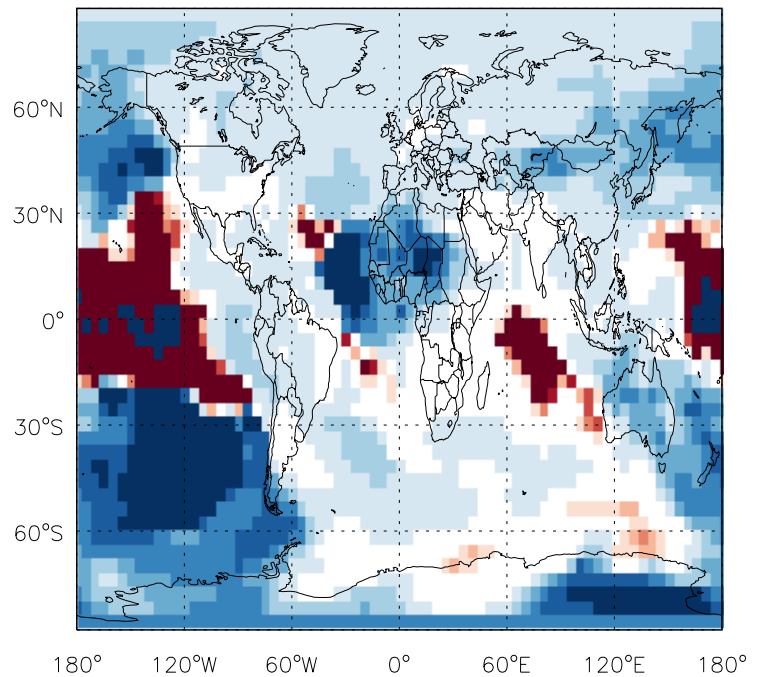
v11-01d-Run1 / v10-01-public-Run0

PMN / Ratio @ Surface for Oct



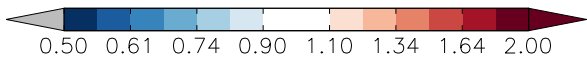
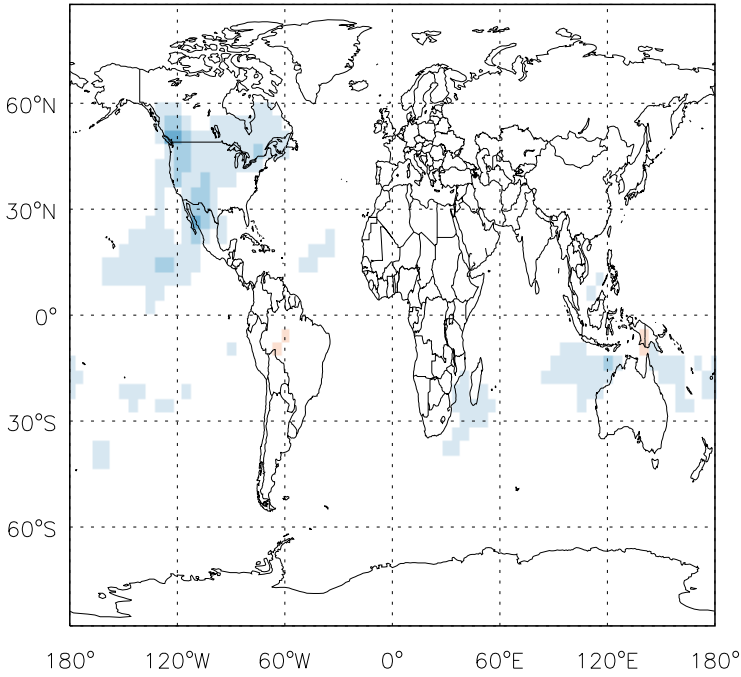
v11-01d-Run1 / v10-01-public-Run0

PMN/ Ratio @ 500 hPa for Oct

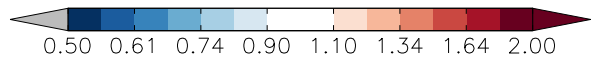
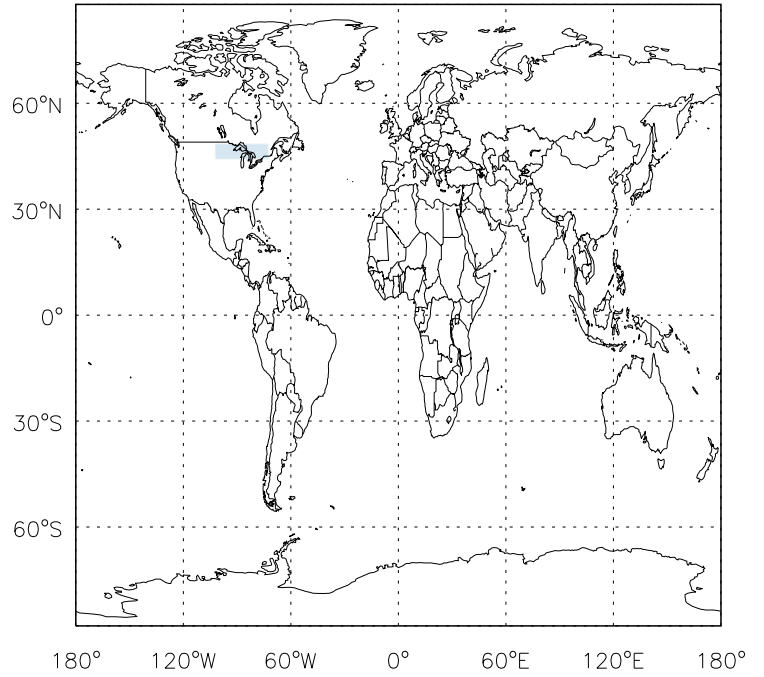


GEOS-Chem Ratio Maps at surface and 500 hPa

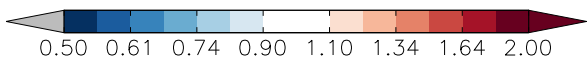
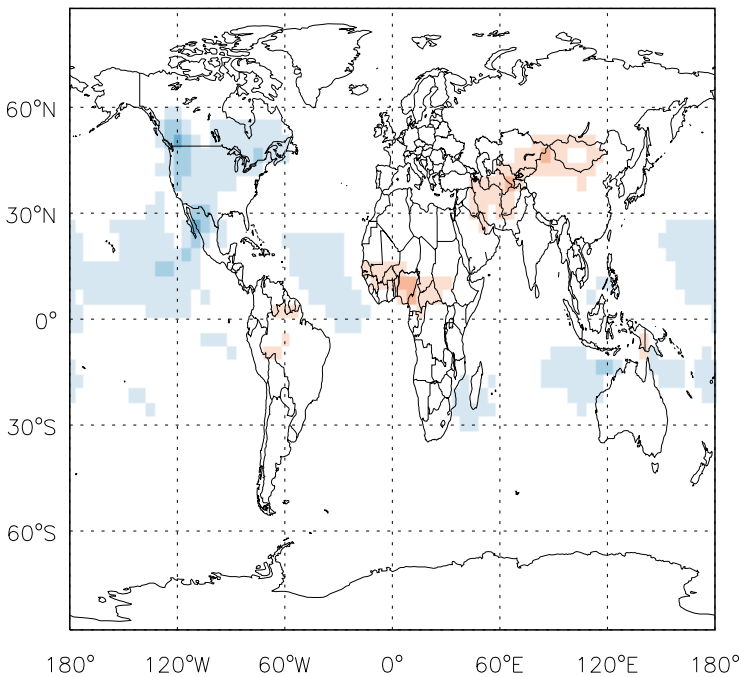
v11-01d-Run1 / v11-01b-Run0
PPN / Ratio @ Surface for Oct



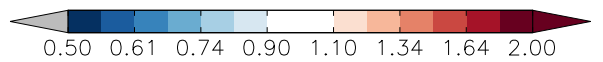
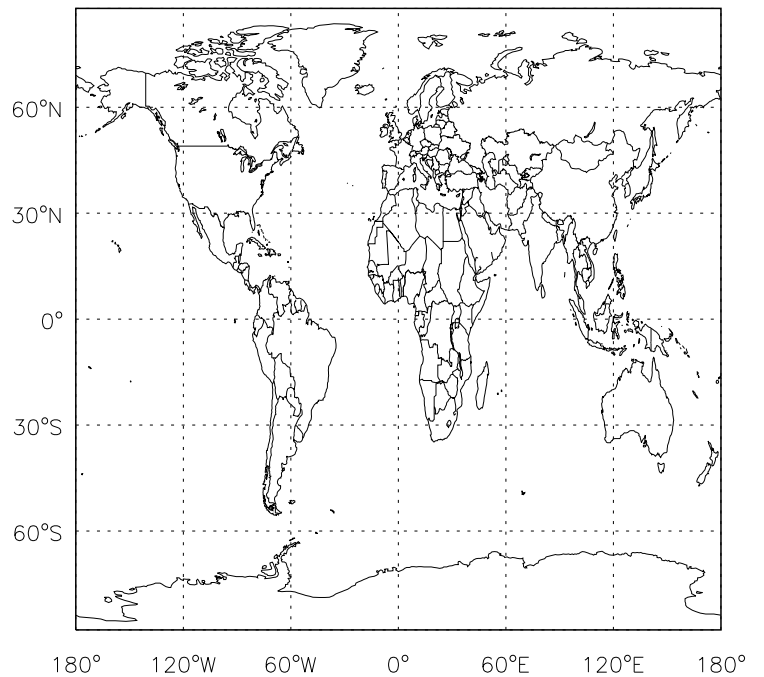
v11-01d-Run1 / v11-01b-Run0
PPN/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
PPN / Ratio @ Surface for Oct

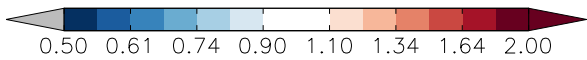
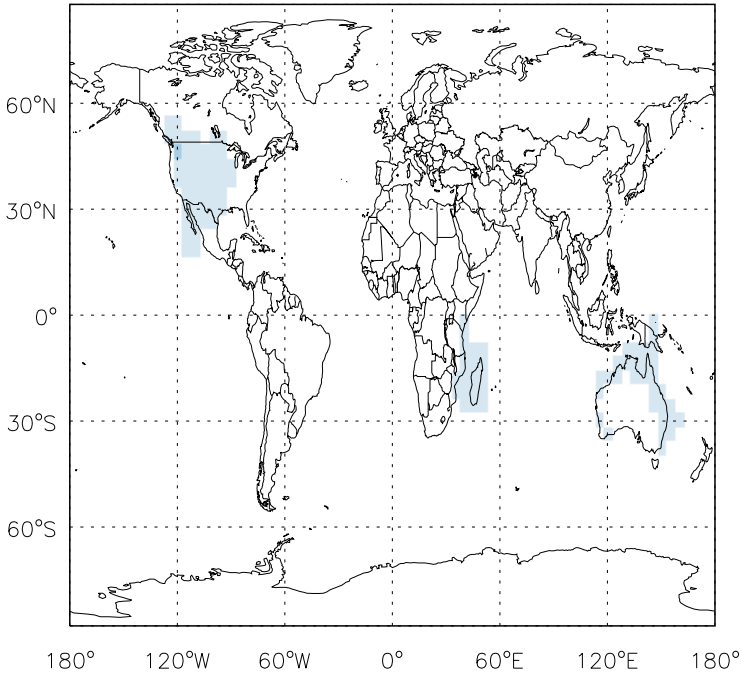


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PPN/ Ratio @ 500 hPa for Oct

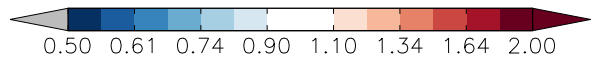
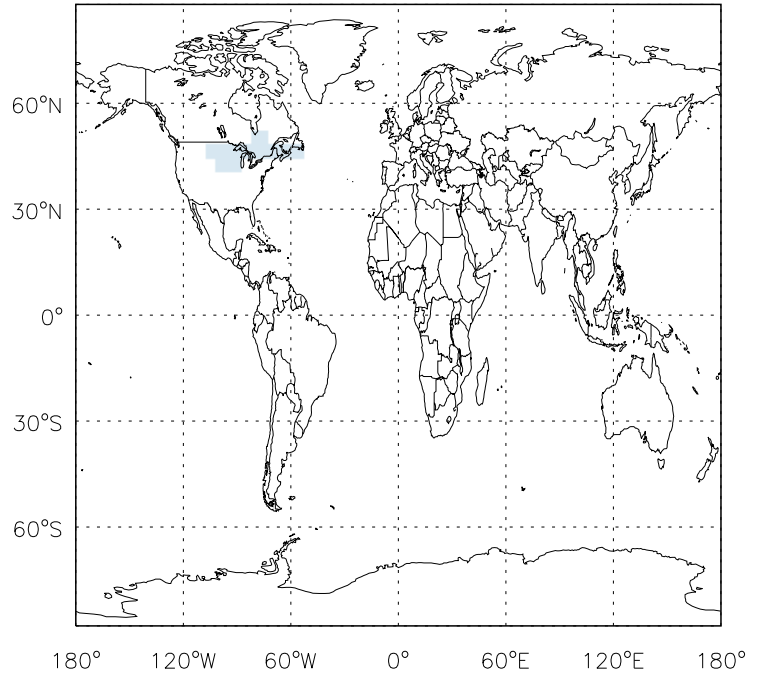


GEOS-Chem Ratio Maps at surface and 500 hPa

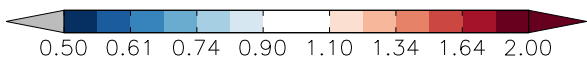
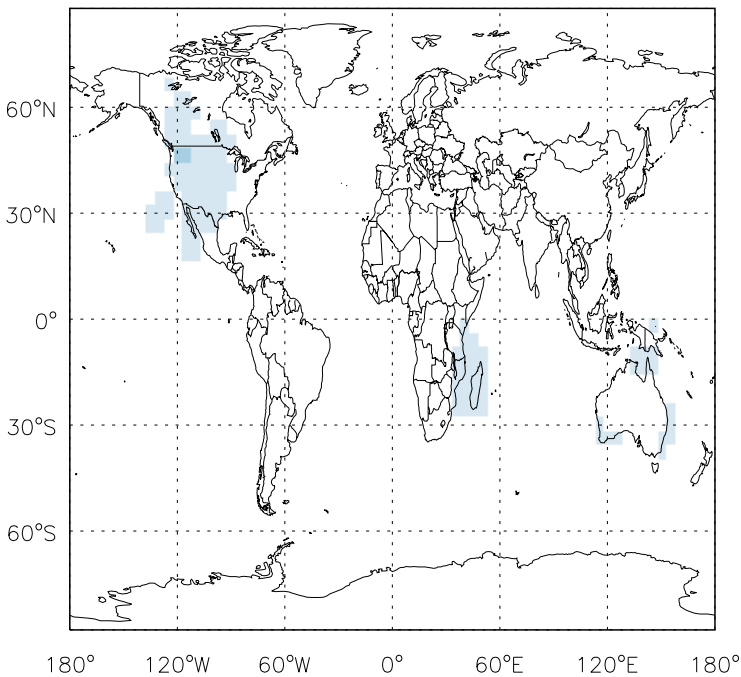
v11-01d-Run1 / v11-01b-Run0
R4N2 / Ratio @ Surface for Oct



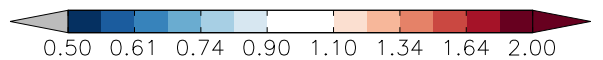
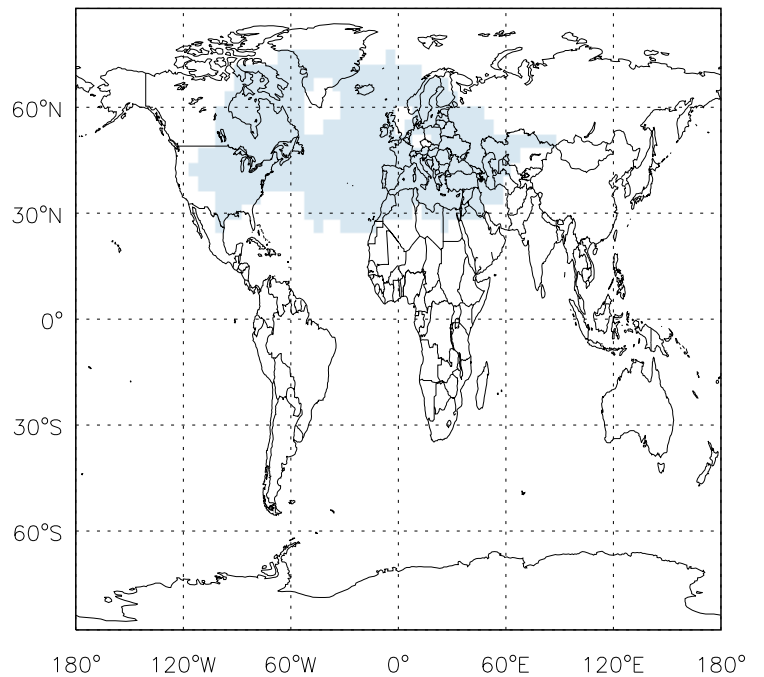
v11-01d-Run1 / v11-01b-Run0
R4N2/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
R4N2 / Ratio @ Surface for Oct



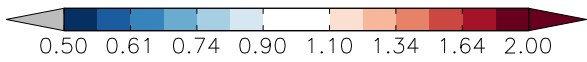
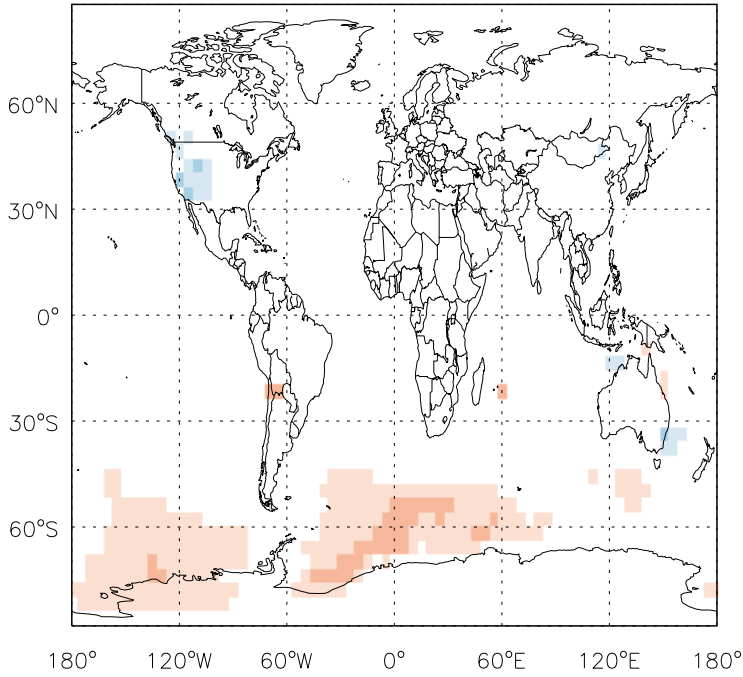
v11-01d-Run1 / v10-01-public-Run0
R4N2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

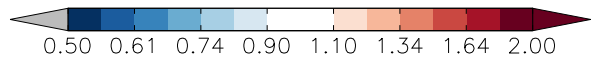
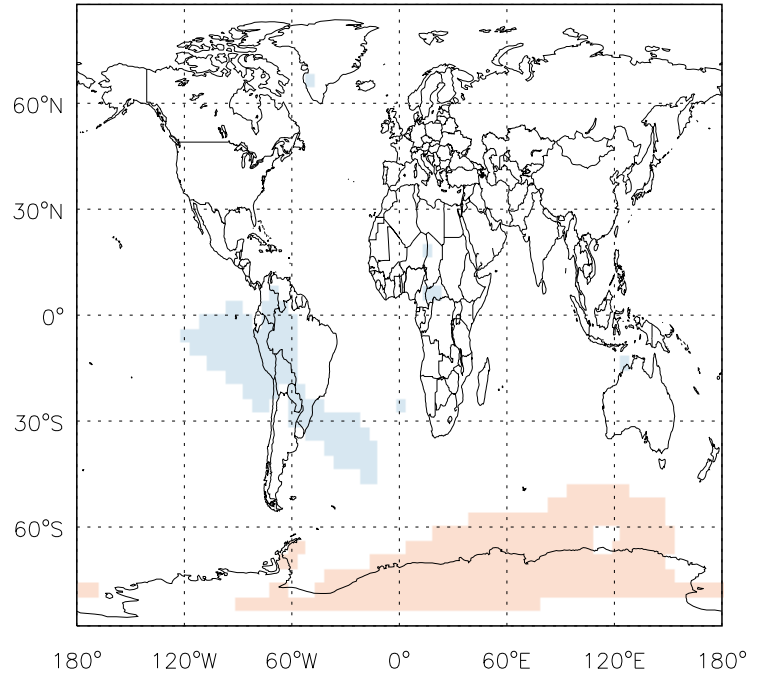
v11-01d-Run1 / v11-01b-Run0

PRPE / Ratio @ Surface for Oct



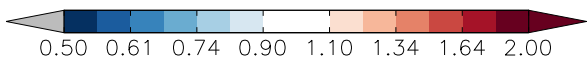
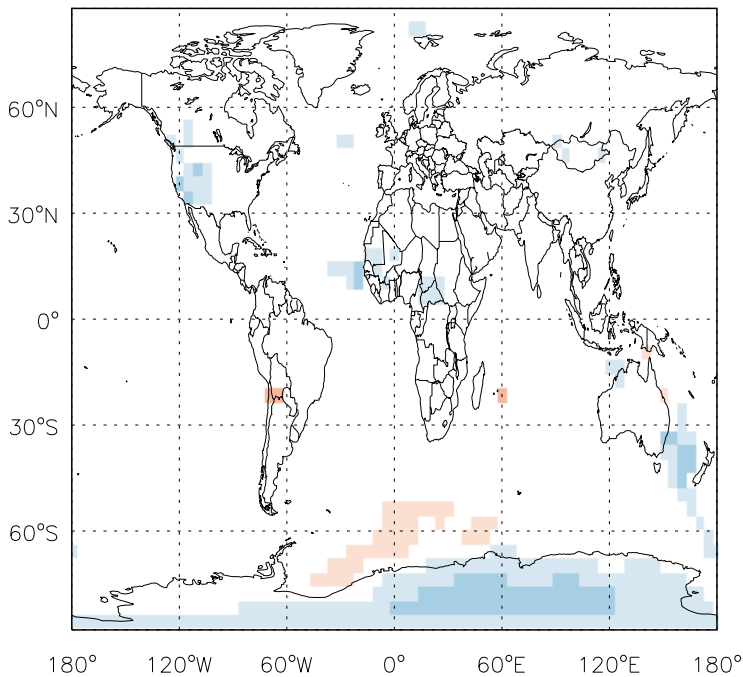
v11-01d-Run1 / v11-01b-Run0

PRPE/ Ratio @ 500 hPa for Oct



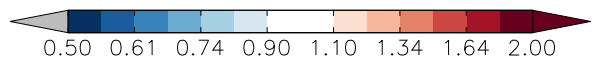
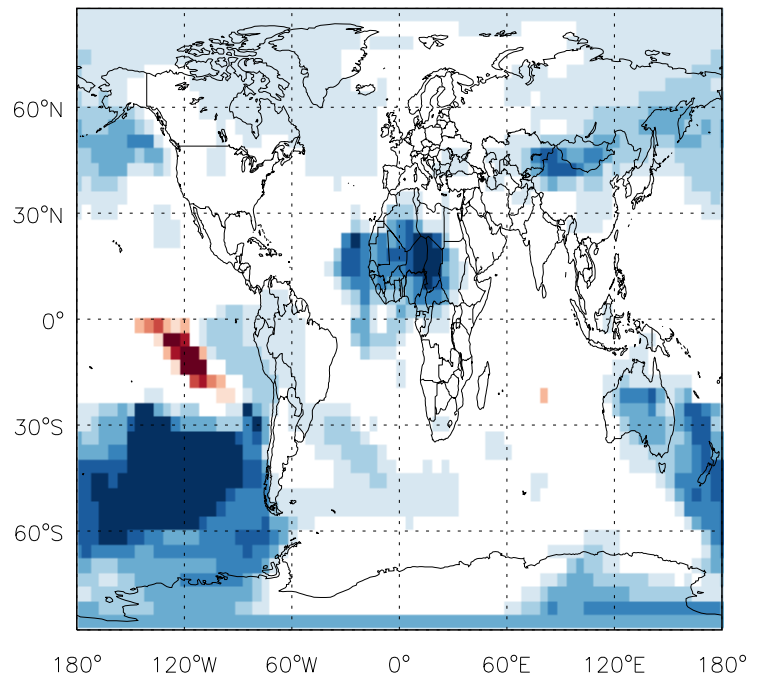
v11-01d-Run1 / v10-01-public-Run0

PRPE / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

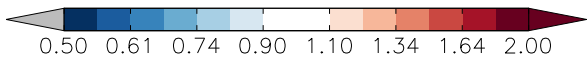
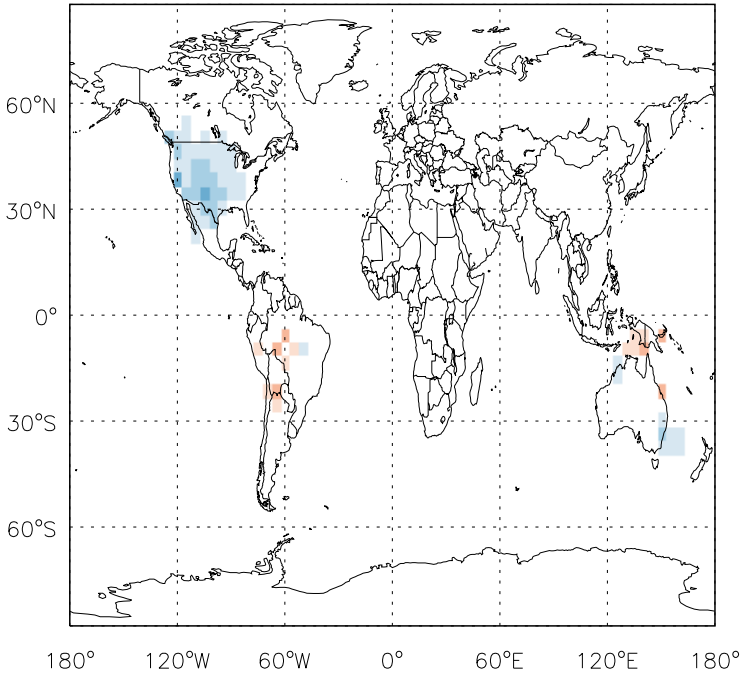
PRPE/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

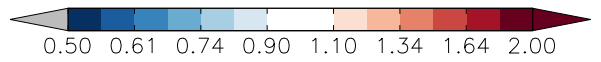
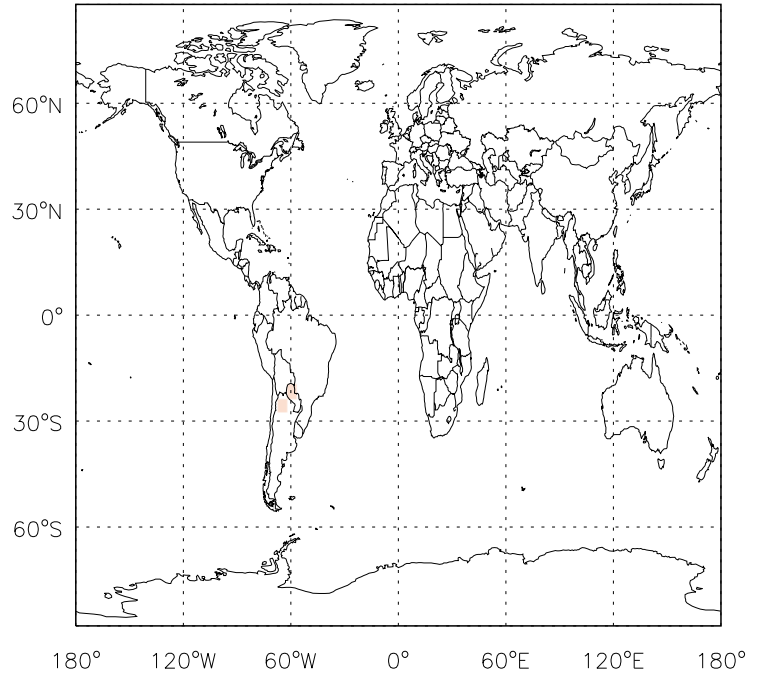
v11-01d-Run1 / v11-01b-Run0

C3H8 / Ratio @ Surface for Oct



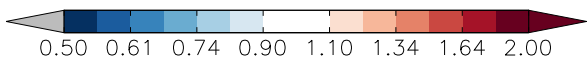
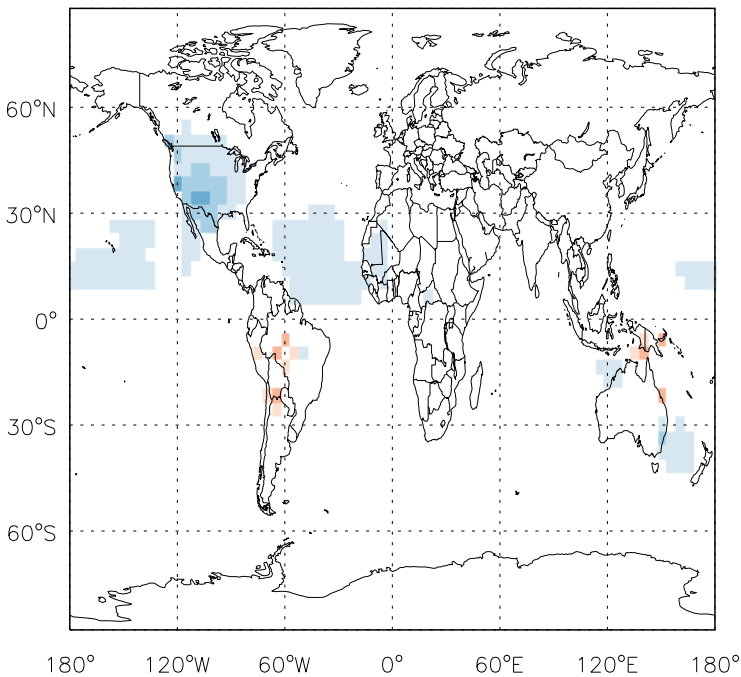
v11-01d-Run1 / v11-01b-Run0

C3H8/ Ratio @ 500 hPa for Oct



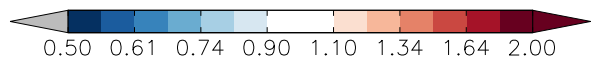
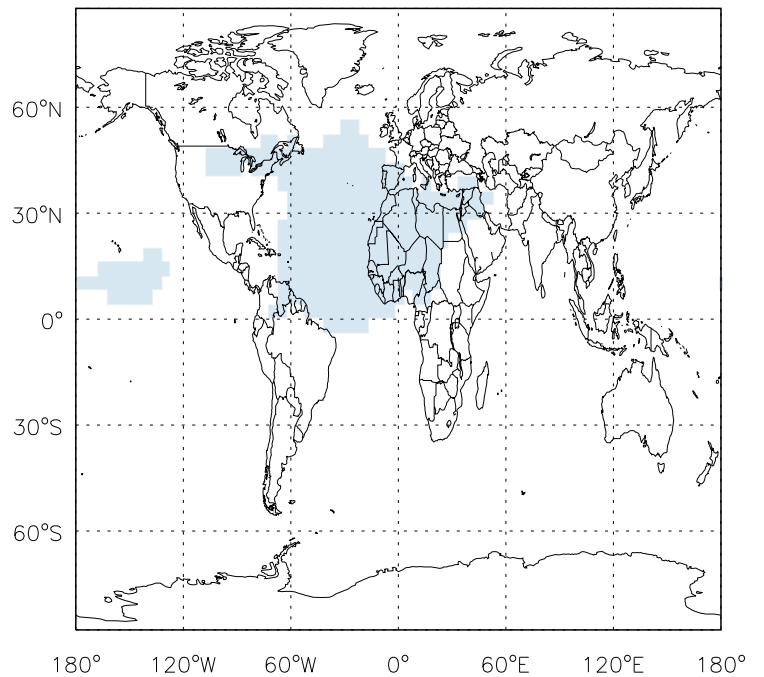
v11-01d-Run1 / v10-01-public-Run0

C3H8 / Ratio @ Surface for Oct



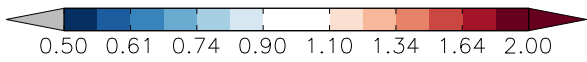
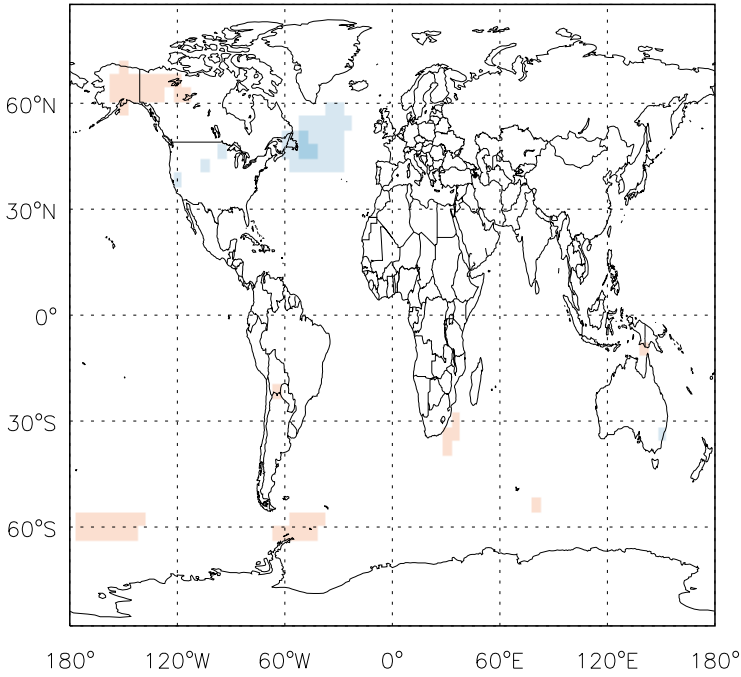
v11-01d-Run1 / v10-01-public-Run0

C3H8/ Ratio @ 500 hPa for Oct

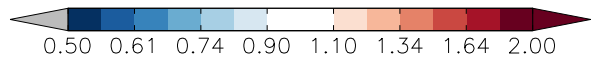
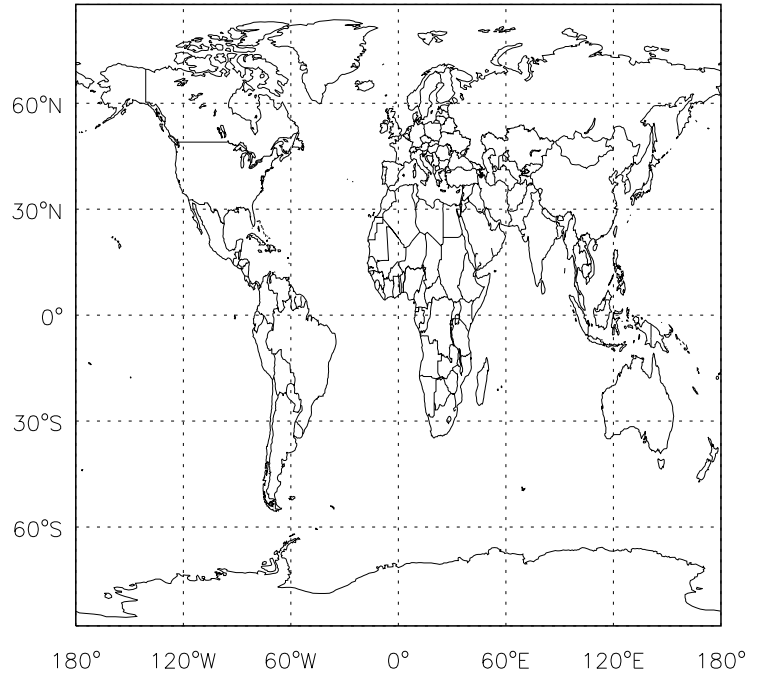


GEOS-Chem Ratio Maps at surface and 500 hPa

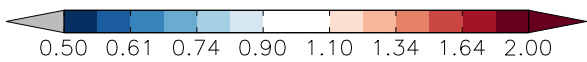
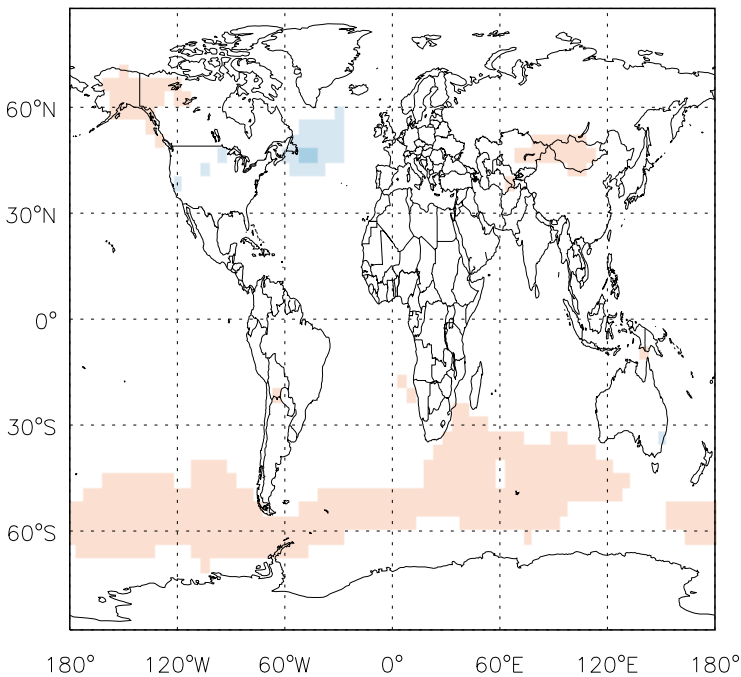
v11-01d-Run1 / v11-01b-Run0
CH2O / Ratio @ Surface for Oct



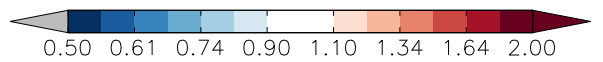
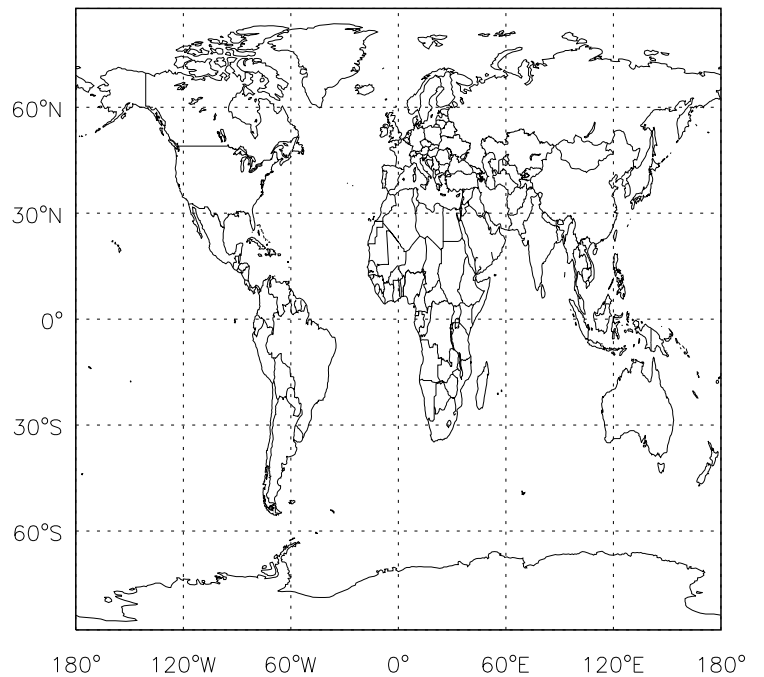
v11-01d-Run1 / v11-01b-Run0
CH2O / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
CH2O / Ratio @ Surface for Oct

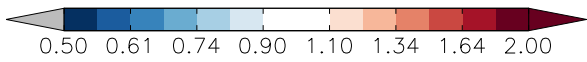
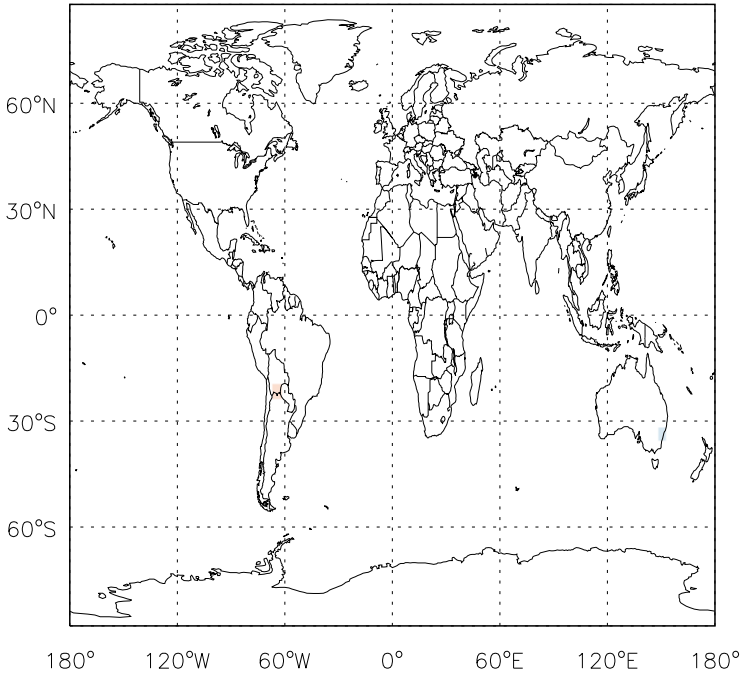


v11-01d-Run1 / v10-01-public-Run0
CH2O / Ratio @ 500 hPa for Oct

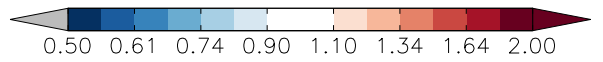
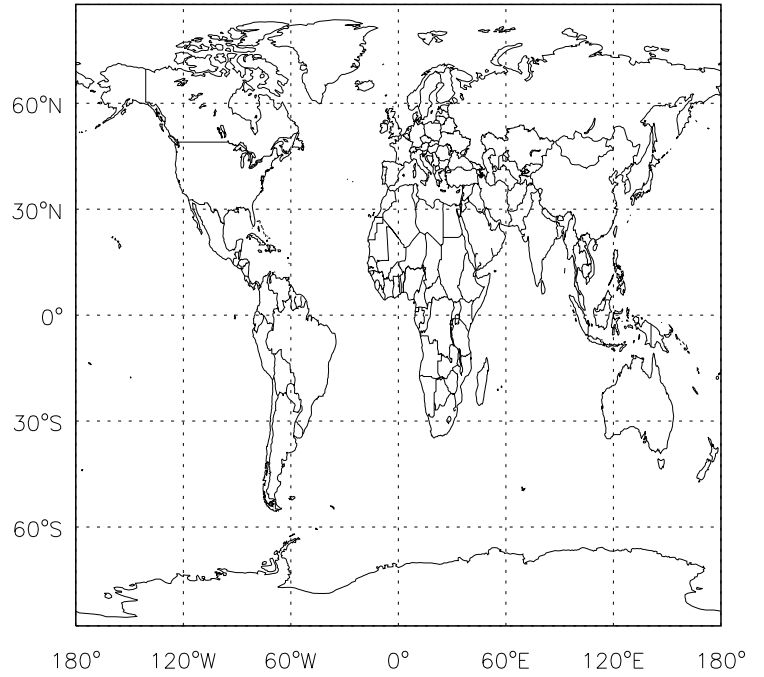


GEOS-Chem Ratio Maps at surface and 500 hPa

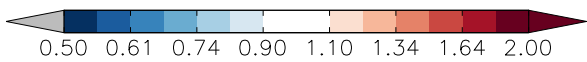
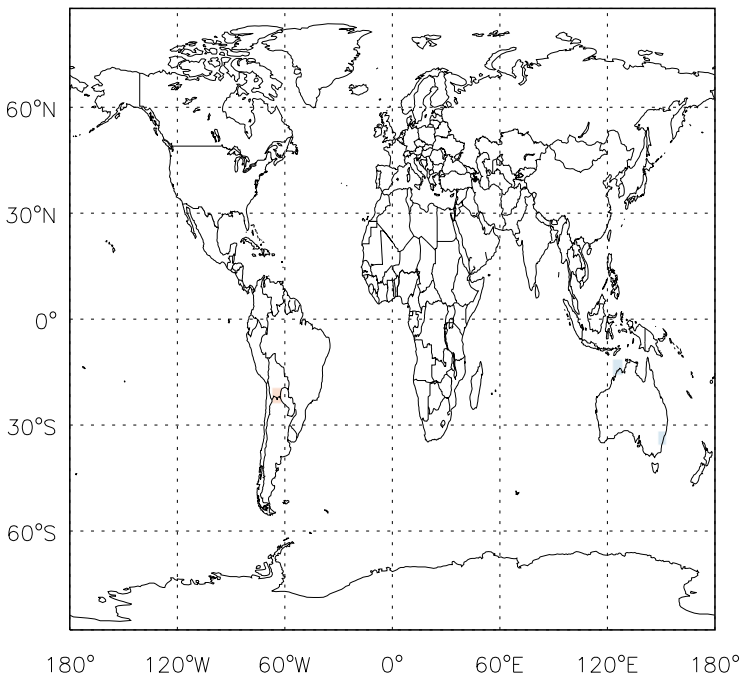
v11-01d-Run1 / v11-01b-Run0
C2H6 / Ratio @ Surface for Oct



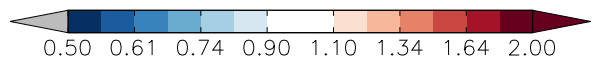
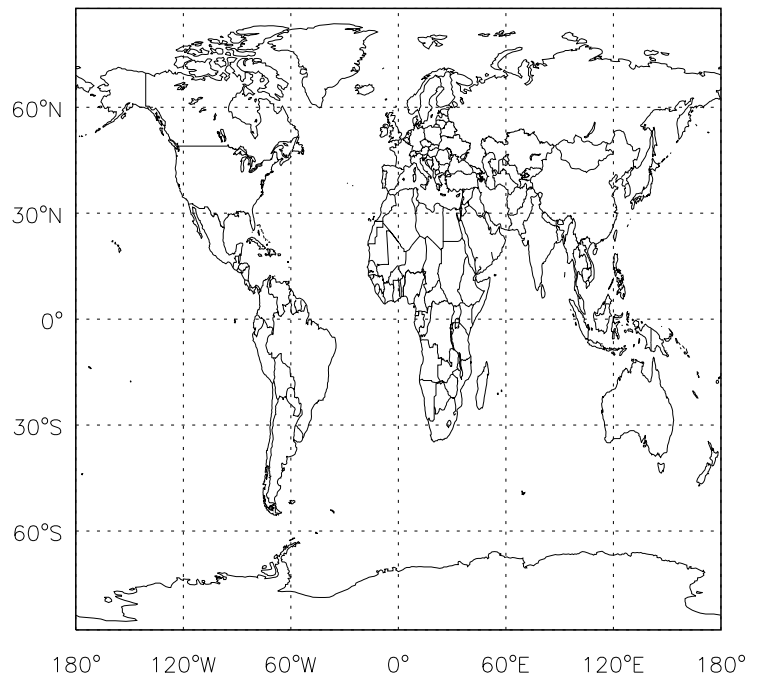
v11-01d-Run1 / v11-01b-Run0
C2H6/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
C2H6 / Ratio @ Surface for Oct

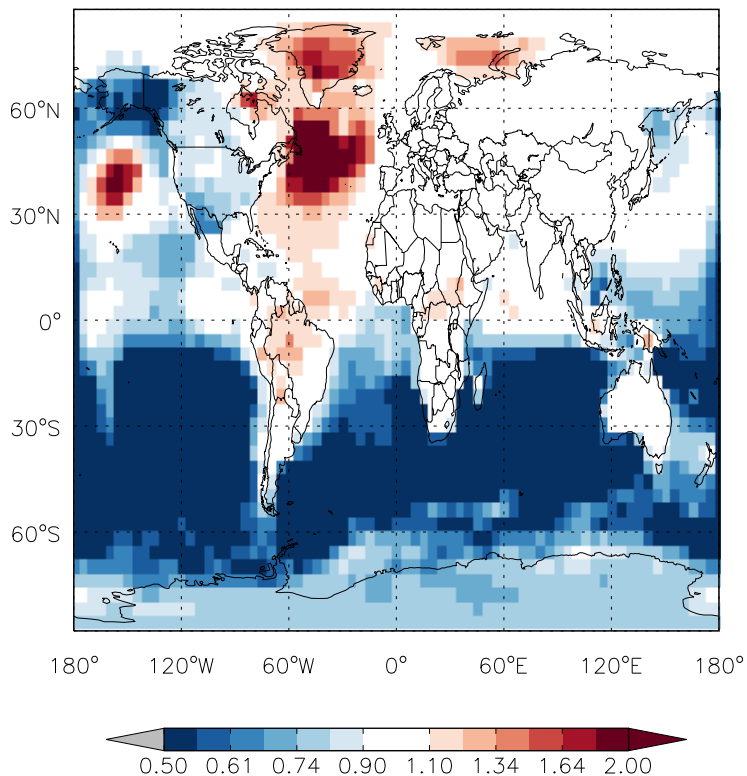


v11-01d-Run1 / v10-01-public-Run0
C2H6/ Ratio @ 500 hPa for Oct

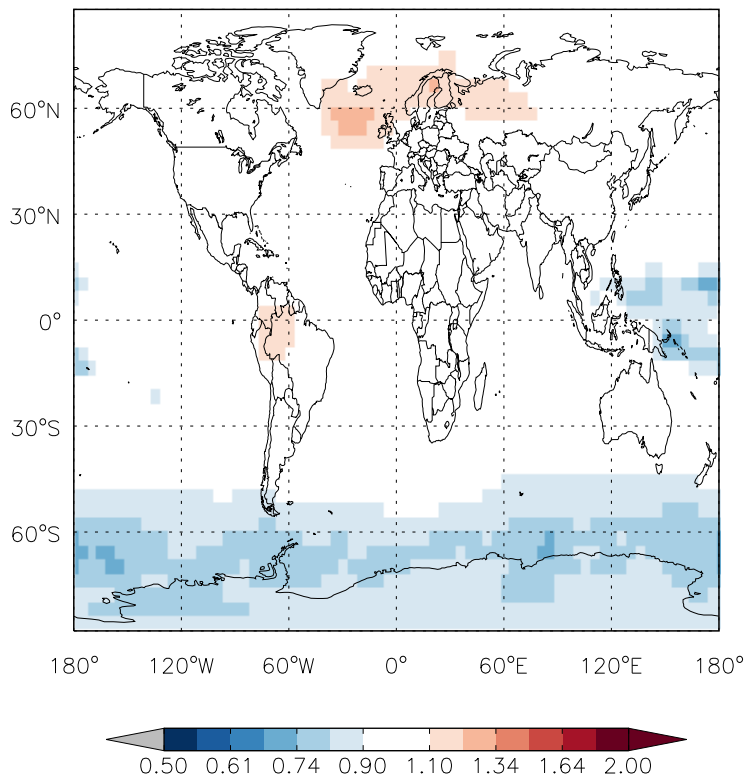


GEOS-Chem Ratio Maps at surface and 500 hPa

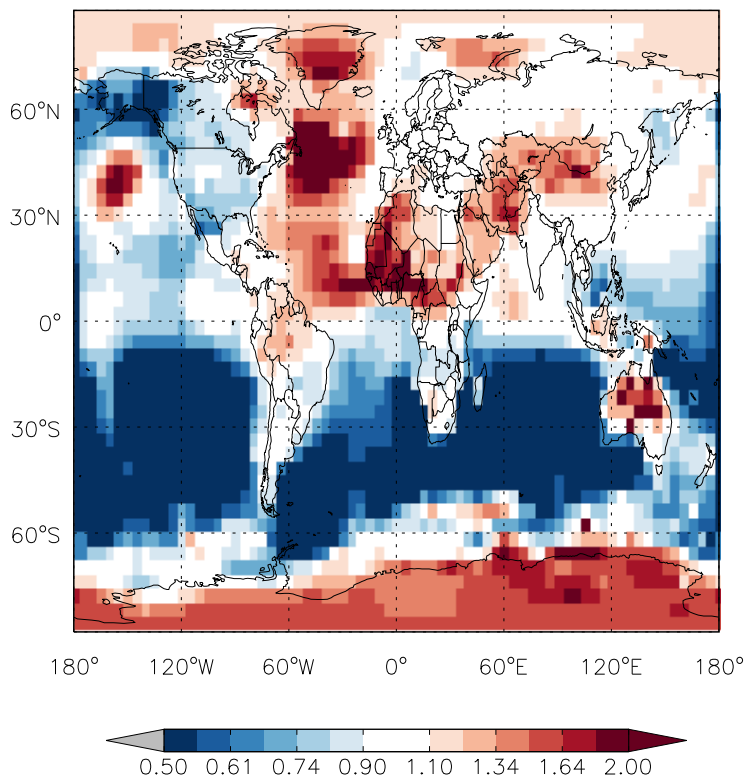
v11-01d-Run1 / v11-01b-Run0
N2O5 / Ratio @ Surface for Oct



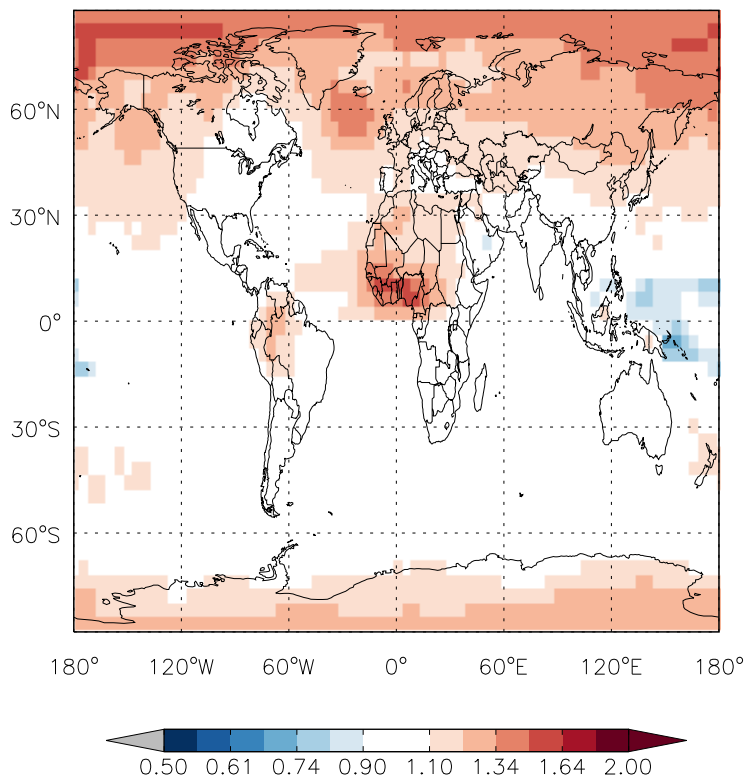
v11-01d-Run1 / v11-01b-Run0
N2O5 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
N2O5 / Ratio @ Surface for Oct

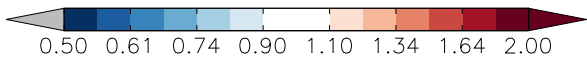
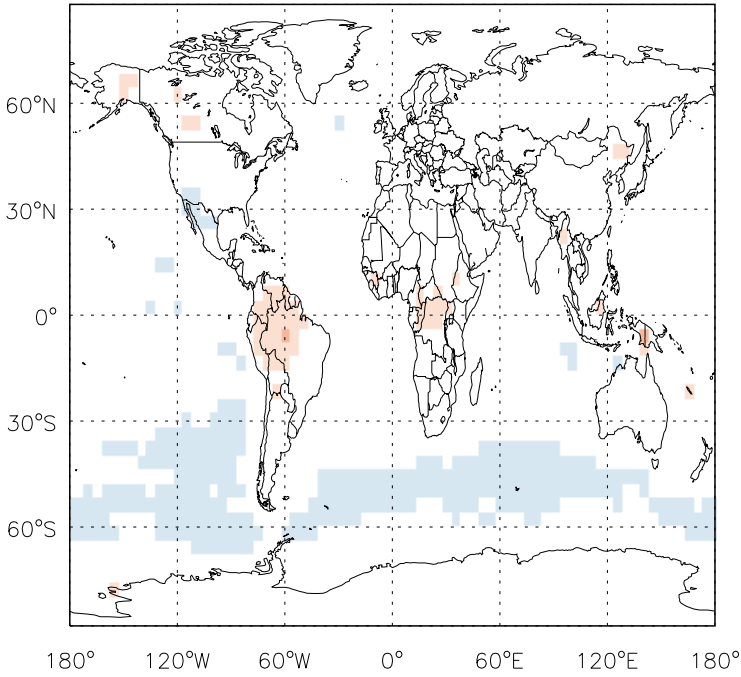


v11-01d-Run1 / v10-01-public-Run0
N2O5 / Ratio @ 500 hPa for Oct

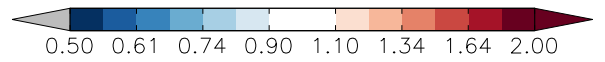
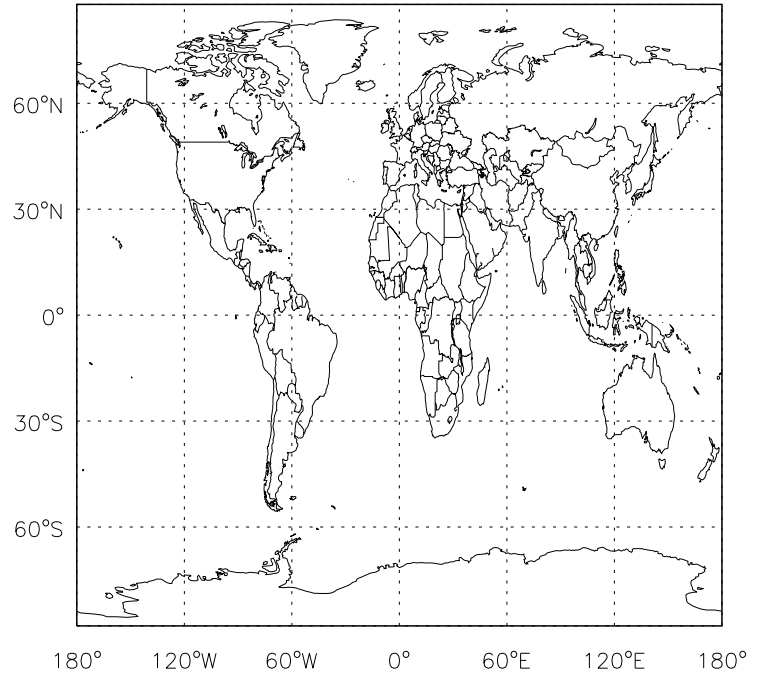


GEOS-Chem Ratio Maps at surface and 500 hPa

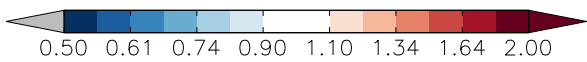
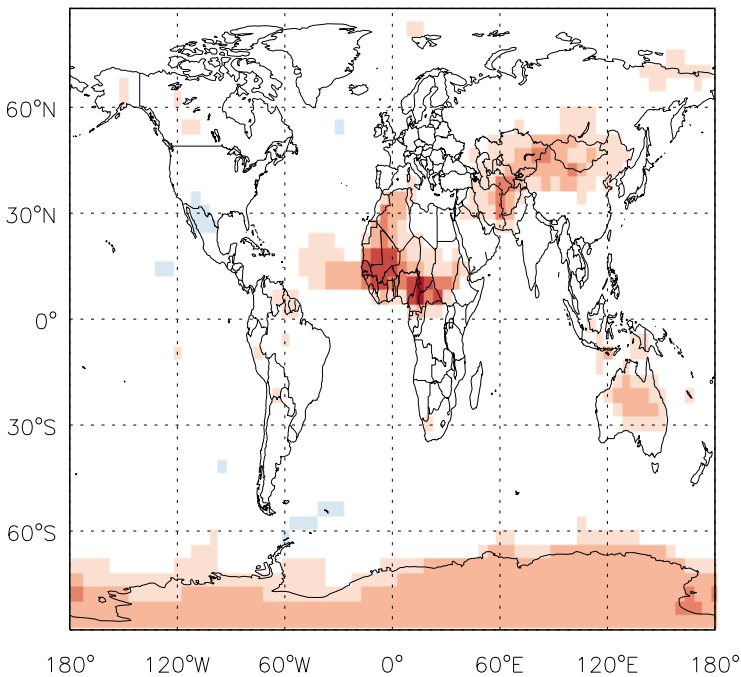
v11-01d-Run1 / v11-01b-Run0
HN04 / Ratio @ Surface for Oct



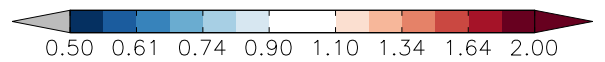
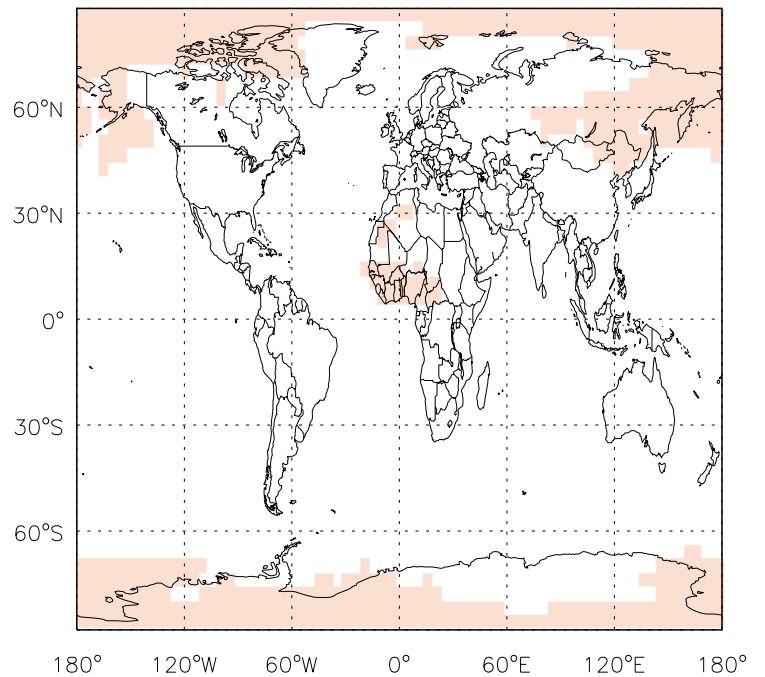
v11-01d-Run1 / v11-01b-Run0
HN04/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
HN04 / Ratio @ Surface for Oct



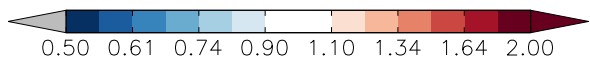
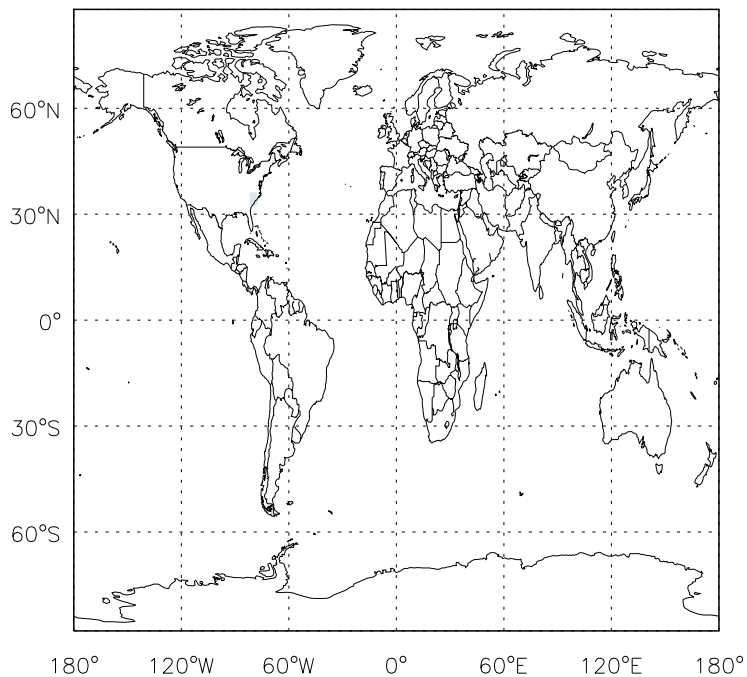
v11-01d-Run1 / v10-01-public-Run0
HN04/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

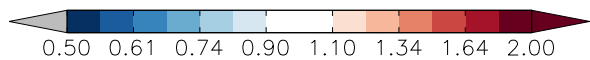
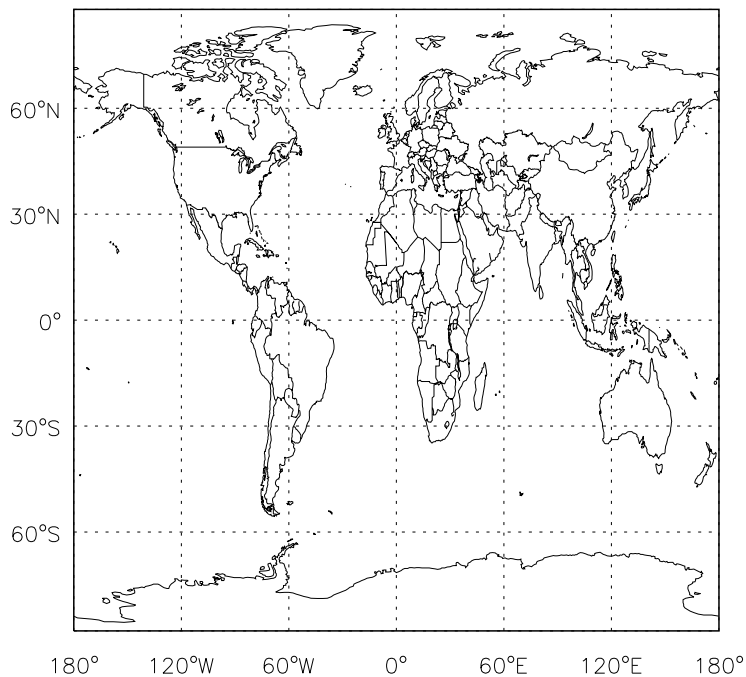
v11-01d-Run1 / v11-01b-Run0

MP / Ratio @ Surface for Oct



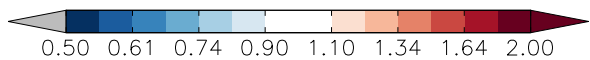
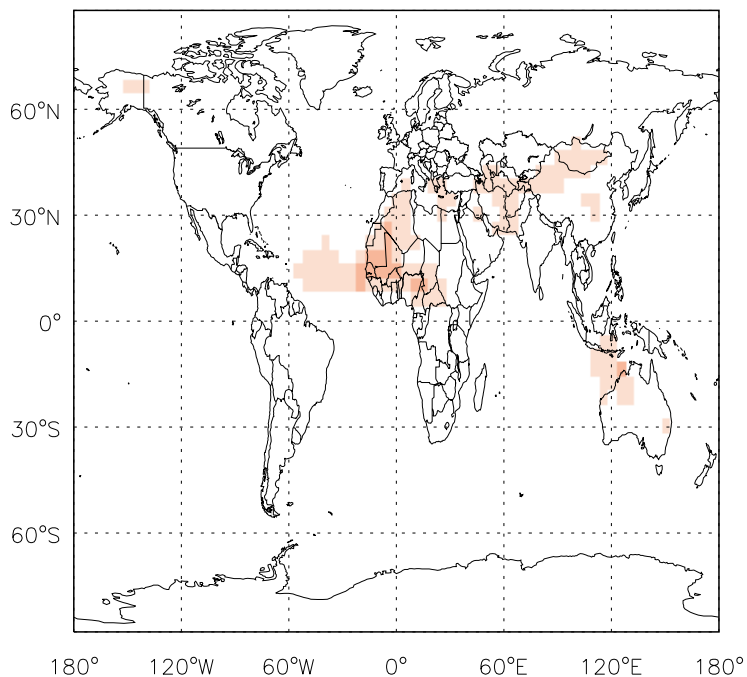
v11-01d-Run1 / v11-01b-Run0

MP/ Ratio @ 500 hPa for Oct



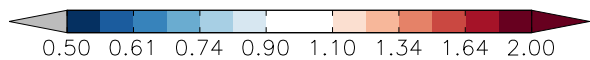
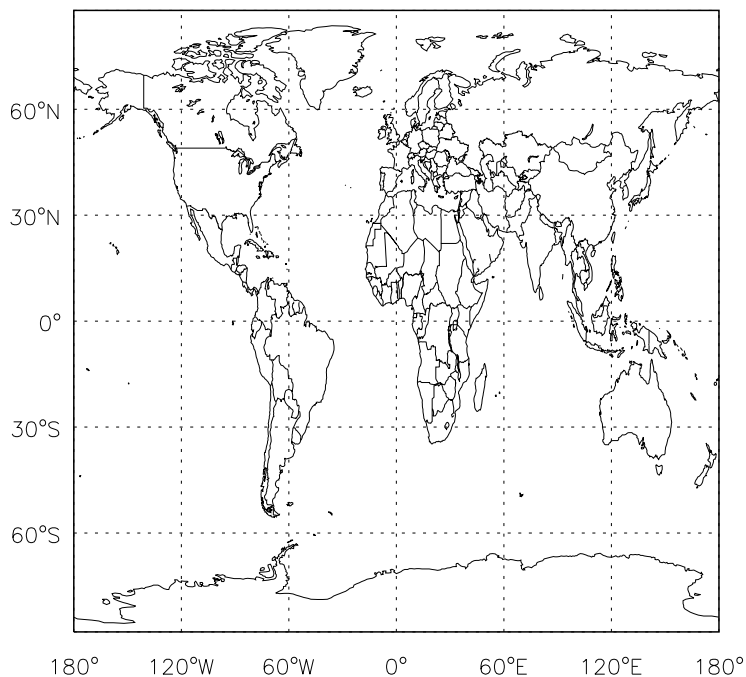
v11-01d-Run1 / v10-01-public-Run0

MP / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

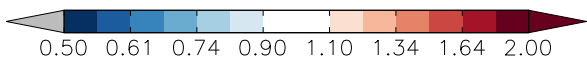
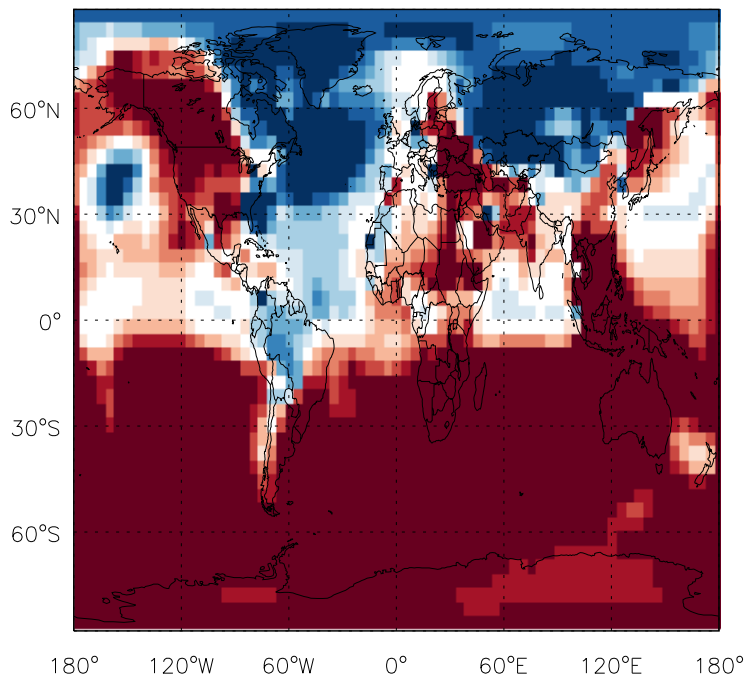
MP/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

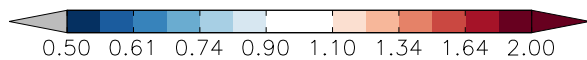
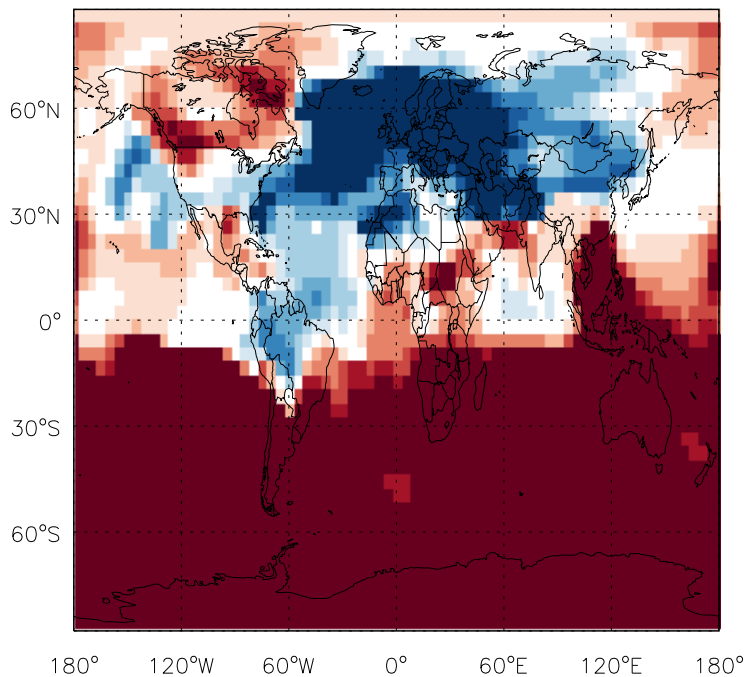
v11-01d-Run1 / v11-01b-Run0

DMS / Ratio @ Surface for Oct



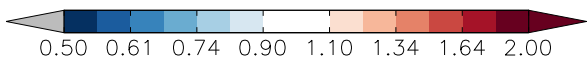
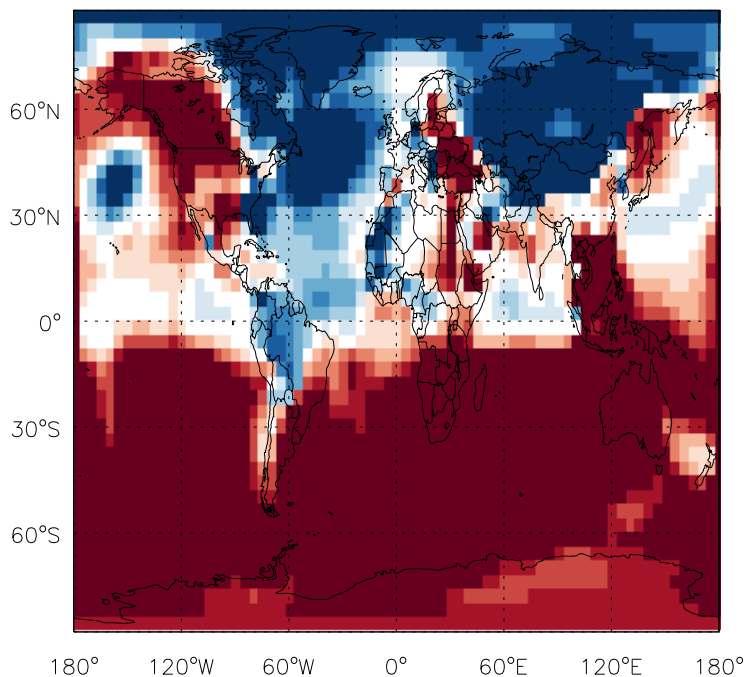
v11-01d-Run1 / v11-01b-Run0

DMS/ Ratio @ 500 hPa for Oct



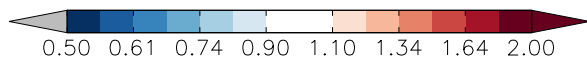
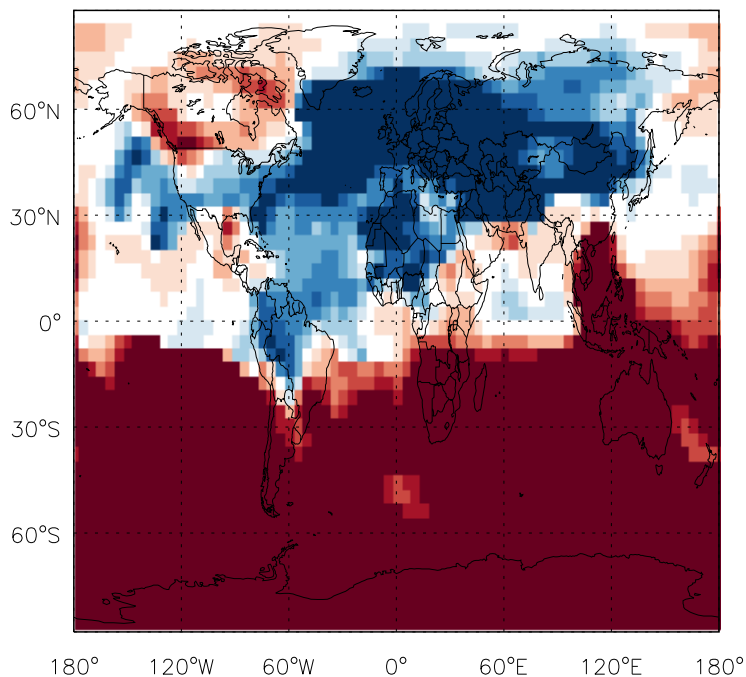
v11-01d-Run1 / v10-01-public-Run0

DMS / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

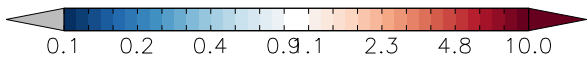
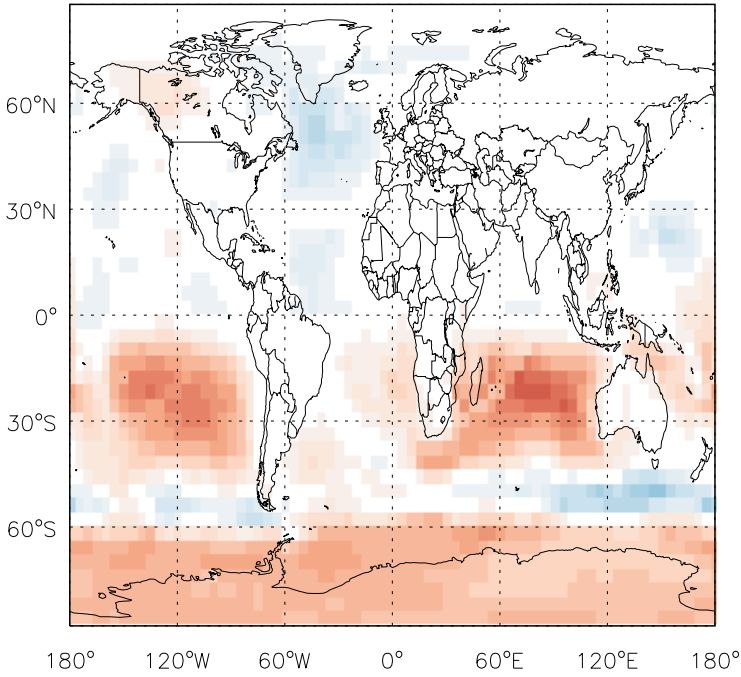
DMS/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

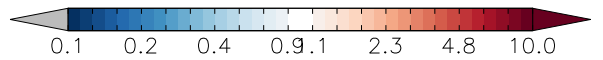
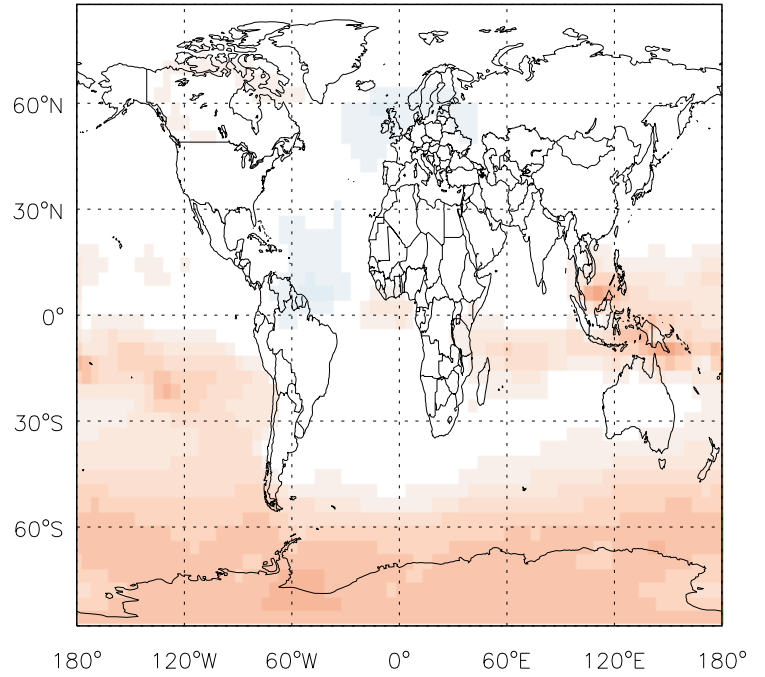
v11-01d-Run1 / v11-01b-Run0

SO₂ / Ratio @ Surface for Oct



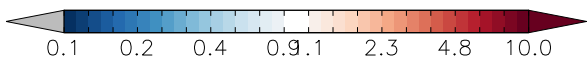
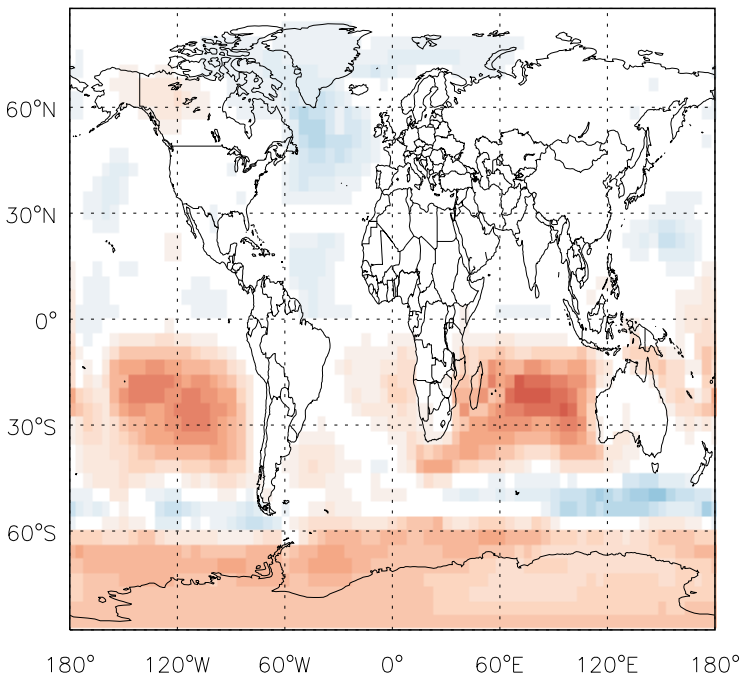
v11-01d-Run1 / v11-01b-Run0

SO₂ / Ratio @ 500 hPa for Oct



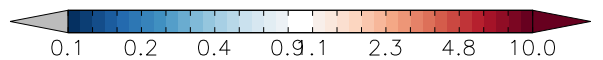
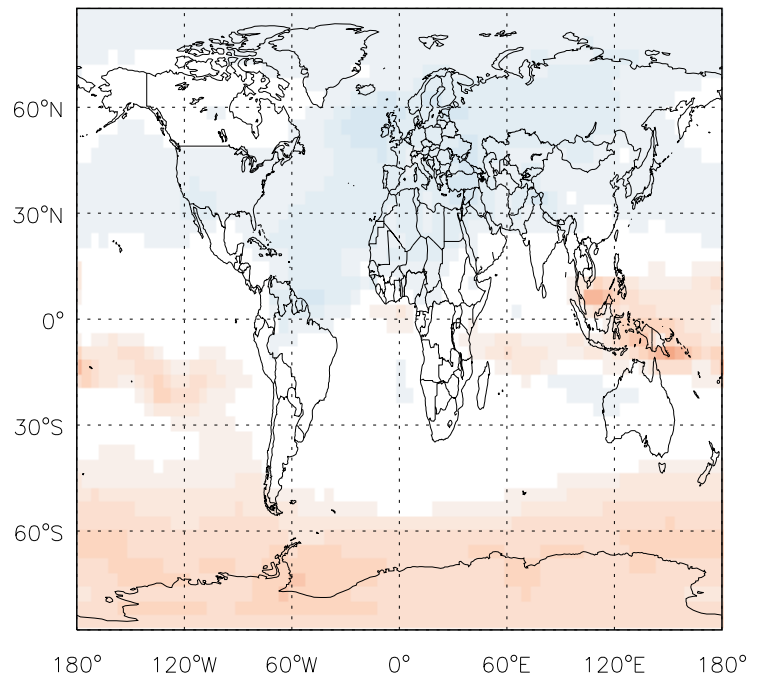
v11-01d-Run1 / v10-01-public-Run0

SO₂ / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

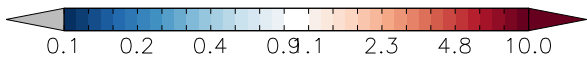
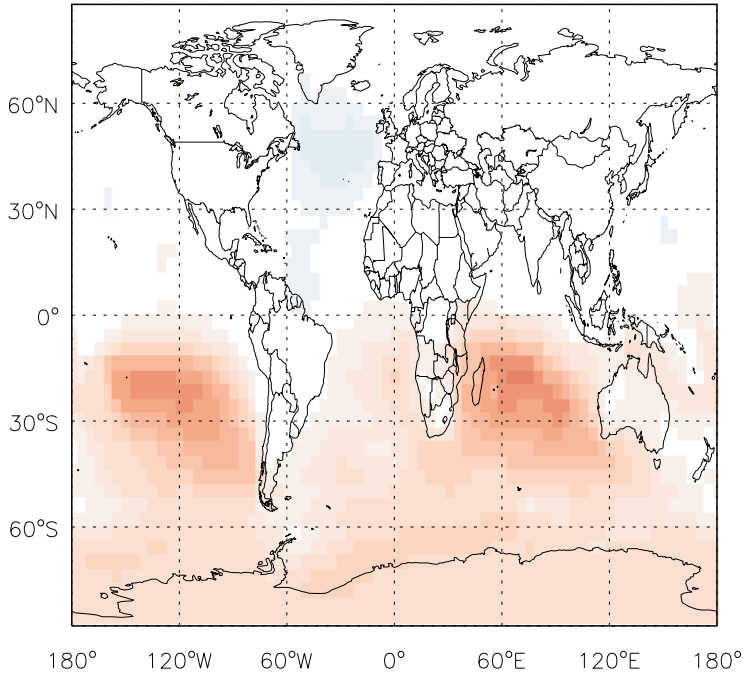
SO₂ / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

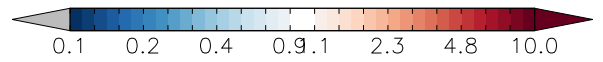
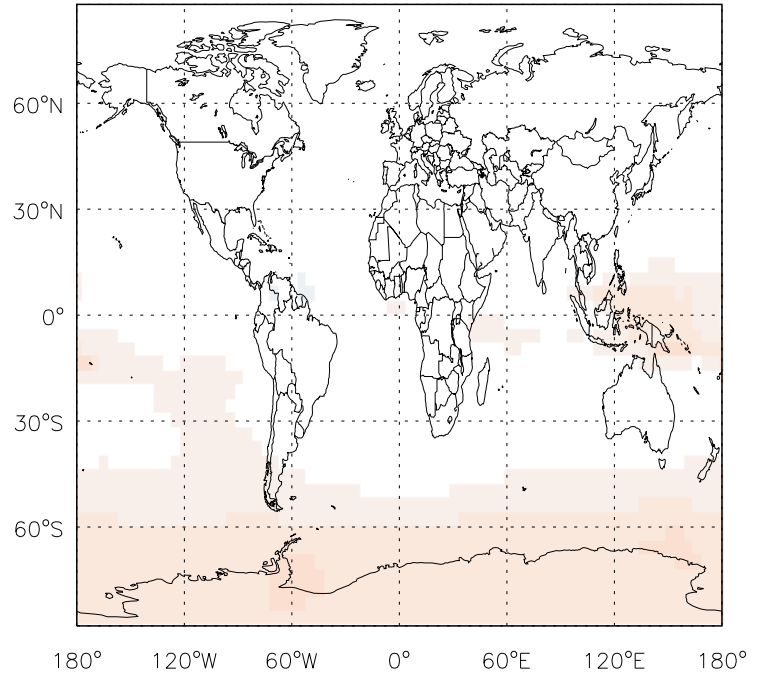
v11-01d-Run1 / v11-01b-Run0

S_{O4} / Ratio @ Surface for Oct



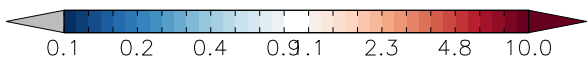
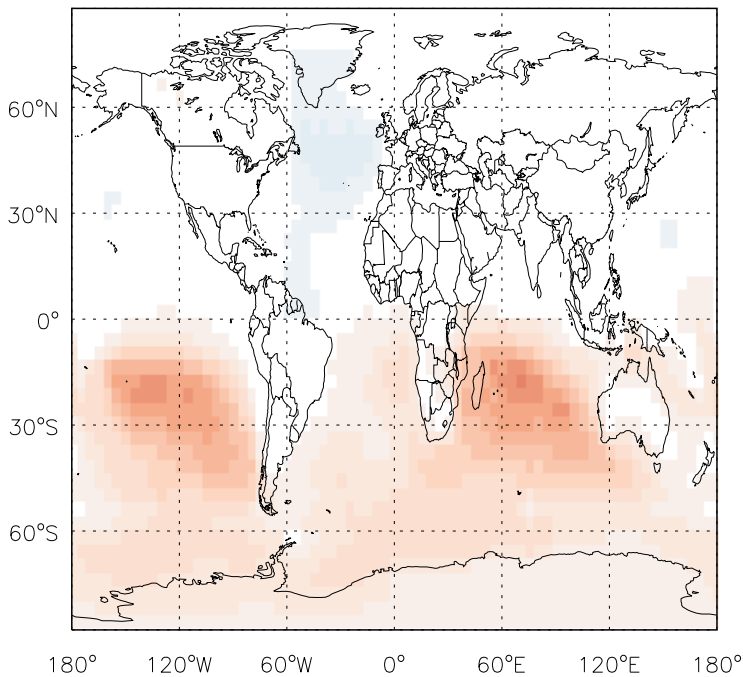
v11-01d-Run1 / v11-01b-Run0

S_{O4} / Ratio @ 500 hPa for Oct



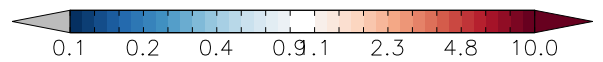
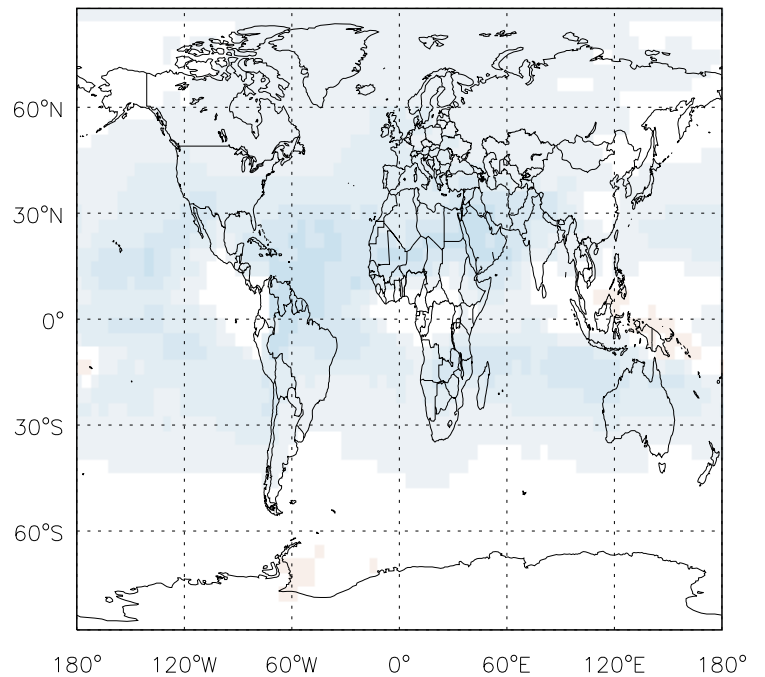
v11-01d-Run1 / v10-01-public-Run0

S_{O4} / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

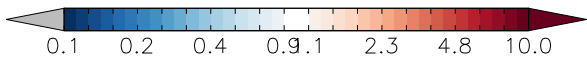
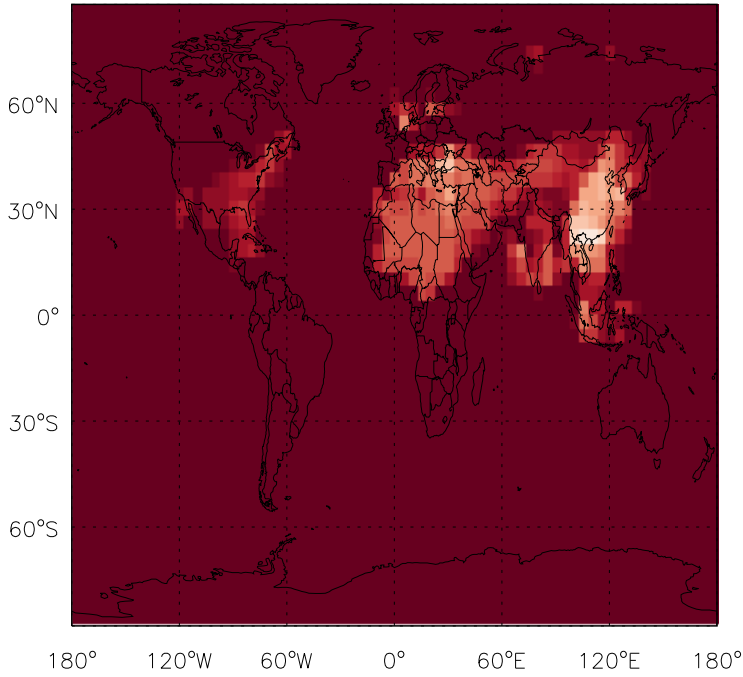
S_{O4} / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

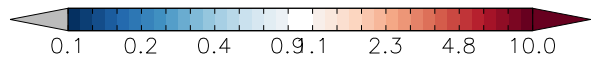
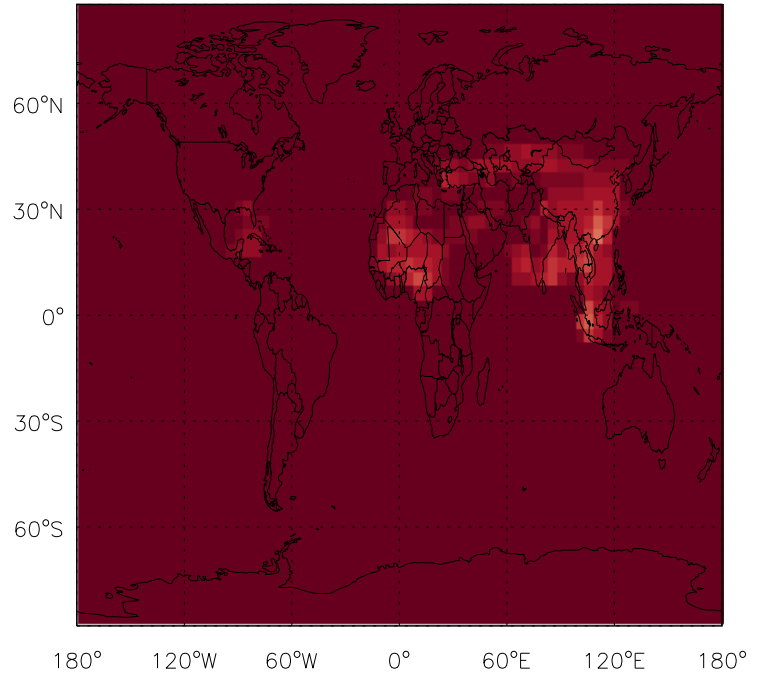
v11-01d-Run1 / v11-01b-Run0

SO₄s / Ratio @ Surface for Oct



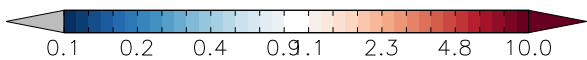
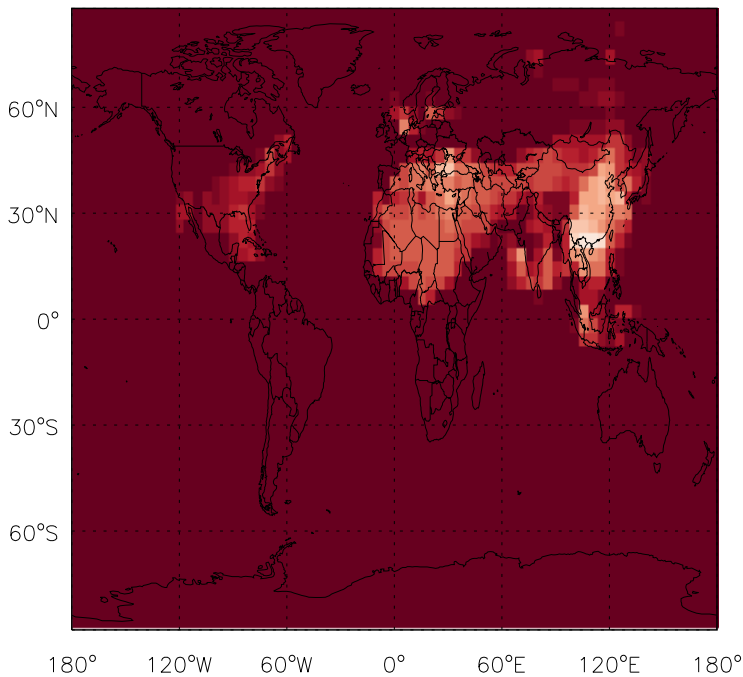
v11-01d-Run1 / v11-01b-Run0

SO₄s / Ratio @ 500 hPa for Oct



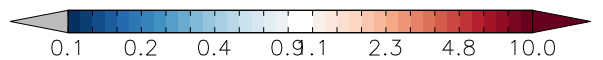
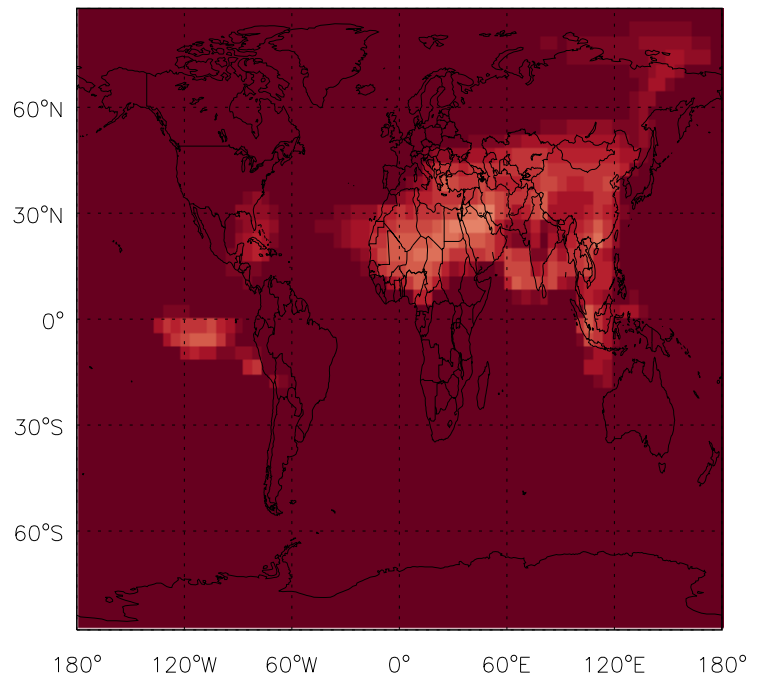
v11-01d-Run1 / v10-01-public-Run0

SO₄s / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

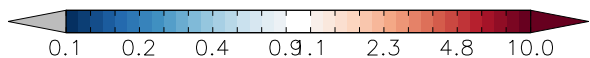
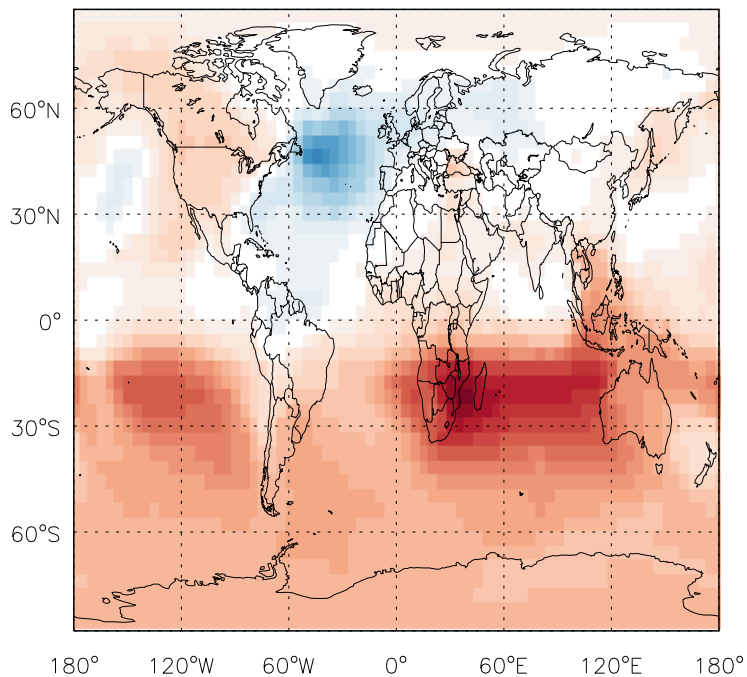
SO₄s / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

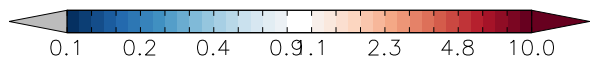
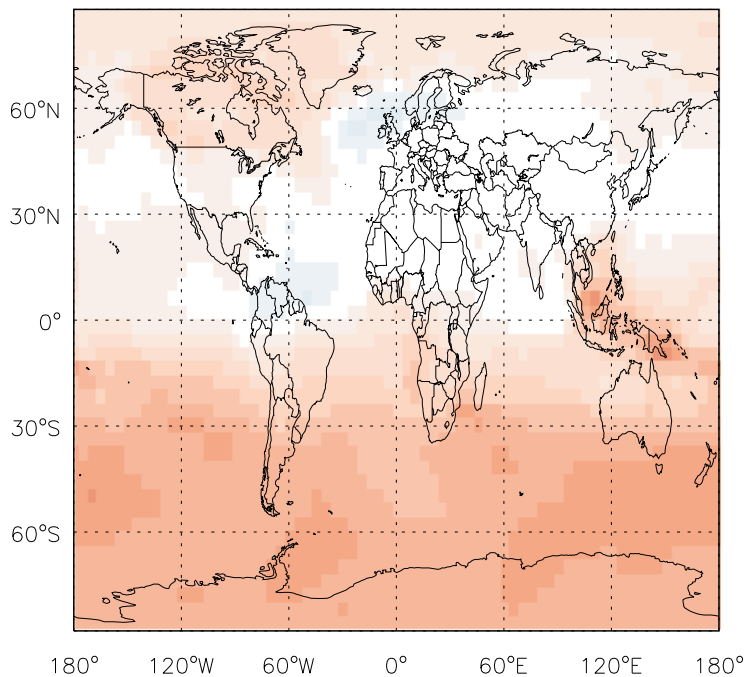
v11-01d-Run1 / v11-01b-Run0

MSA / Ratio @ Surface for Oct



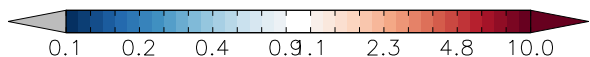
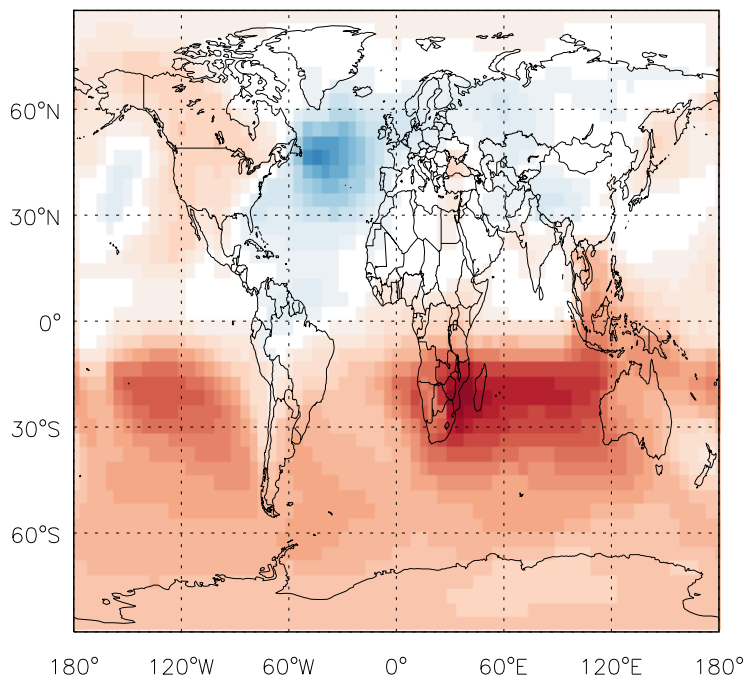
v11-01d-Run1 / v11-01b-Run0

MSA/ Ratio @ 500 hPa for Oct



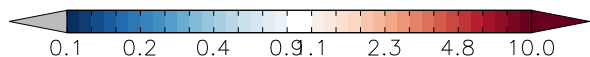
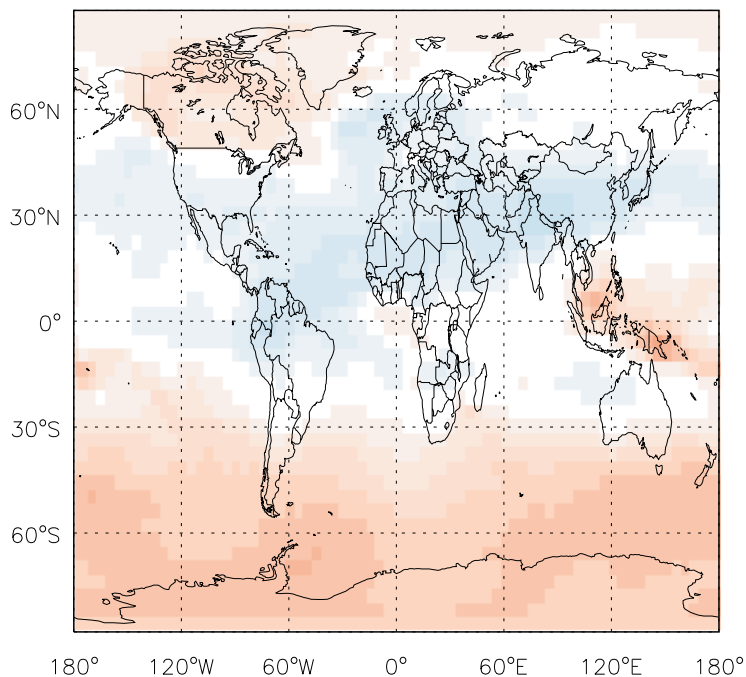
v11-01d-Run1 / v10-01-public-Run0

MSA / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

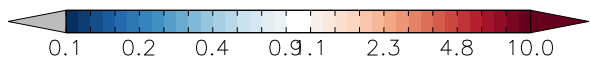
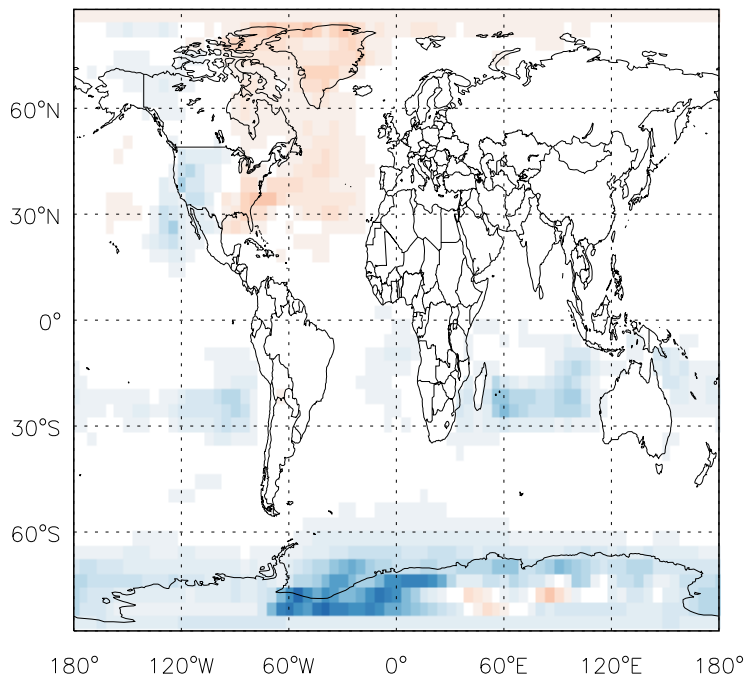
MSA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

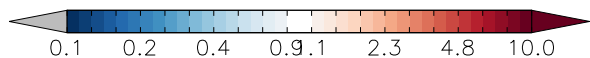
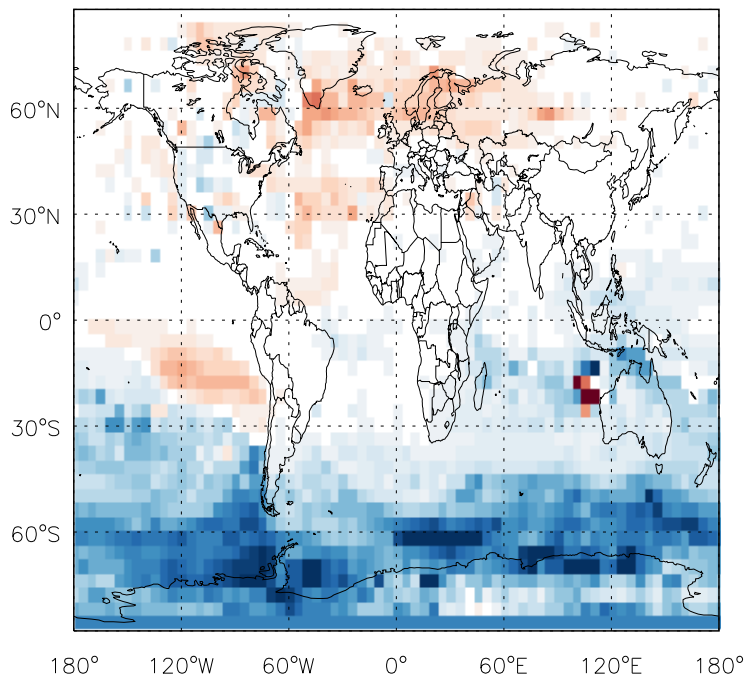
v11-01d-Run1 / v11-01b-Run0

NH₃ / Ratio @ Surface for Oct



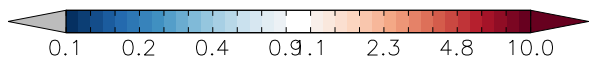
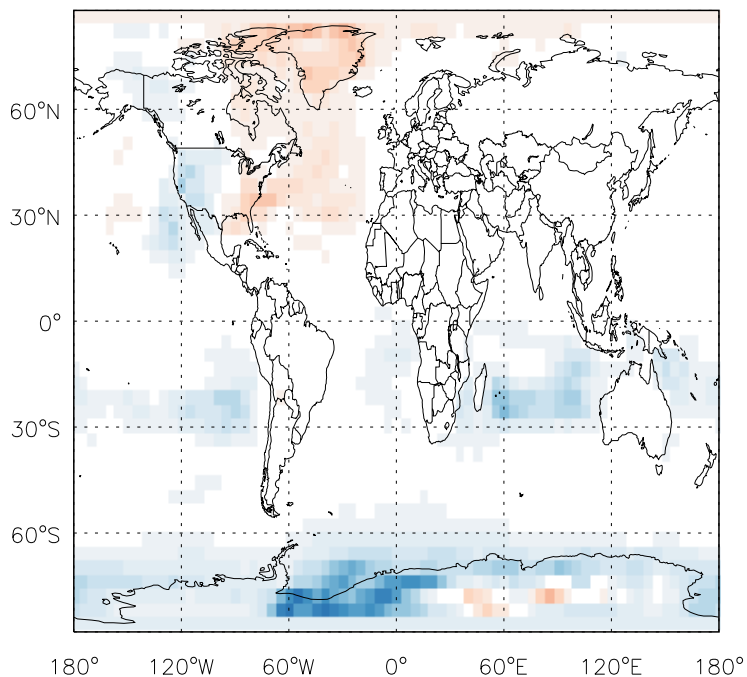
v11-01d-Run1 / v11-01b-Run0

NH₃/ Ratio @ 500 hPa for Oct



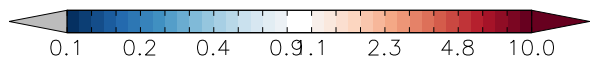
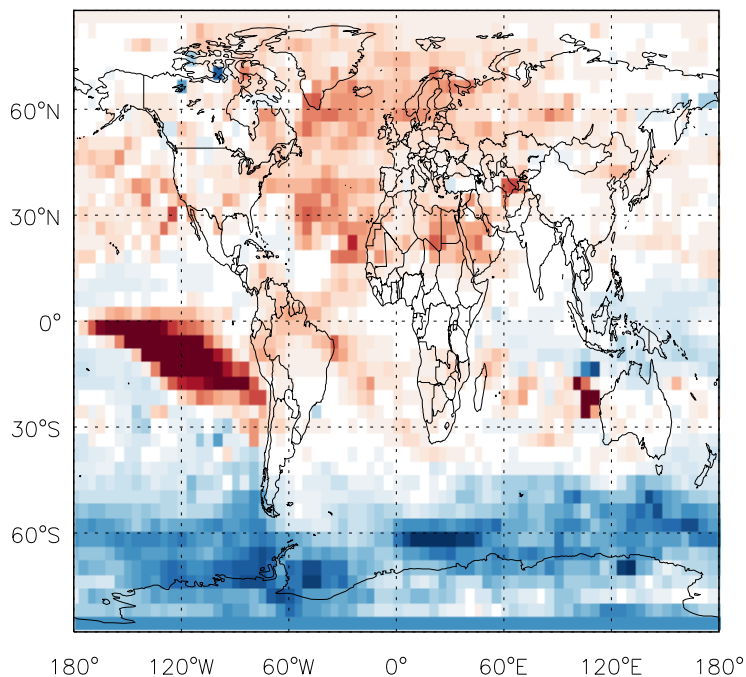
v11-01d-Run1 / v10-01-public-Run0

NH₃ / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

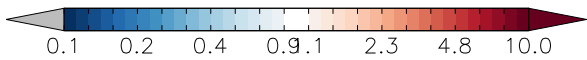
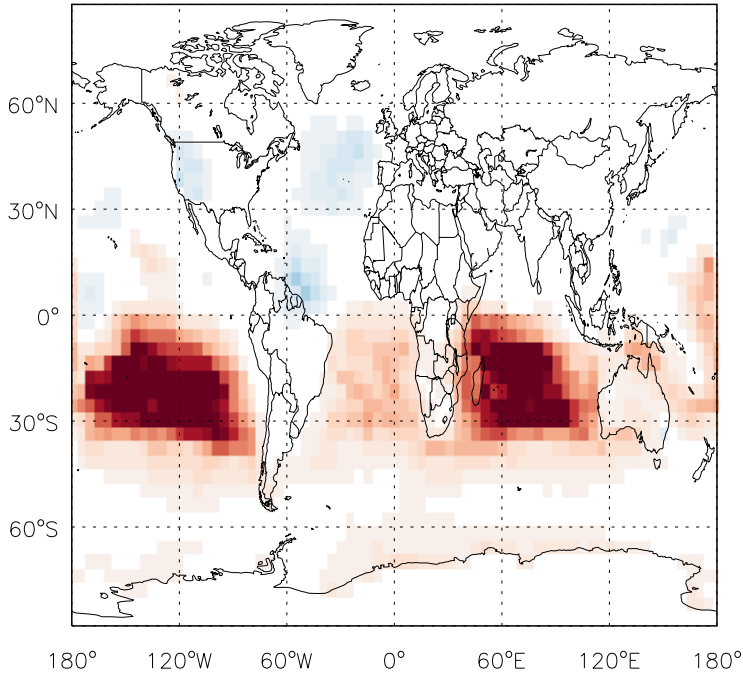
NH₃/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

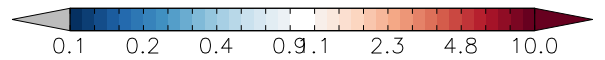
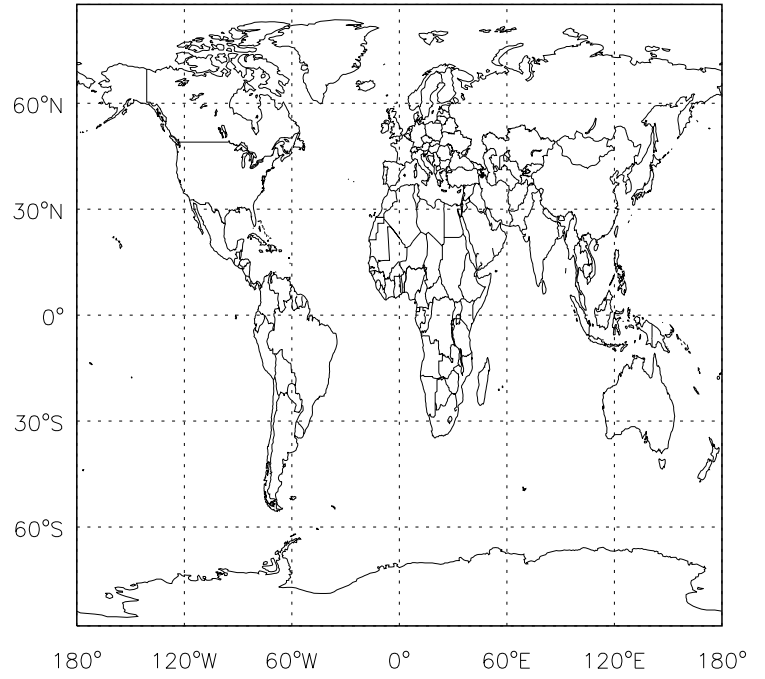
v11-01d-Run1 / v11-01b-Run0

NH4 / Ratio @ Surface for Oct



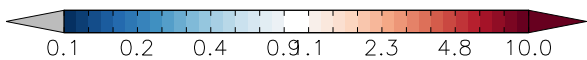
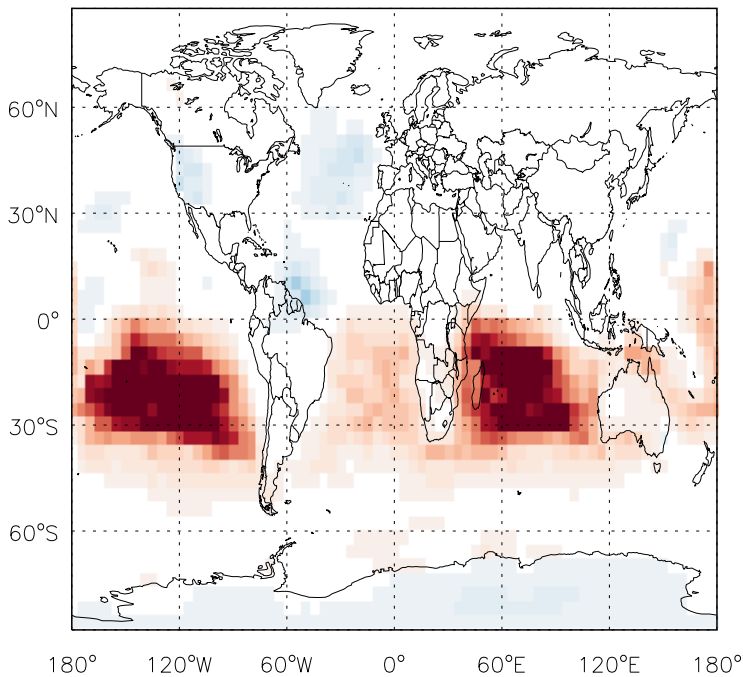
v11-01d-Run1 / v11-01b-Run0

NH4 / Ratio @ 500 hPa for Oct



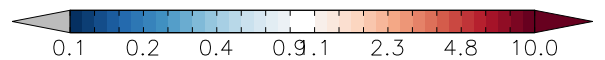
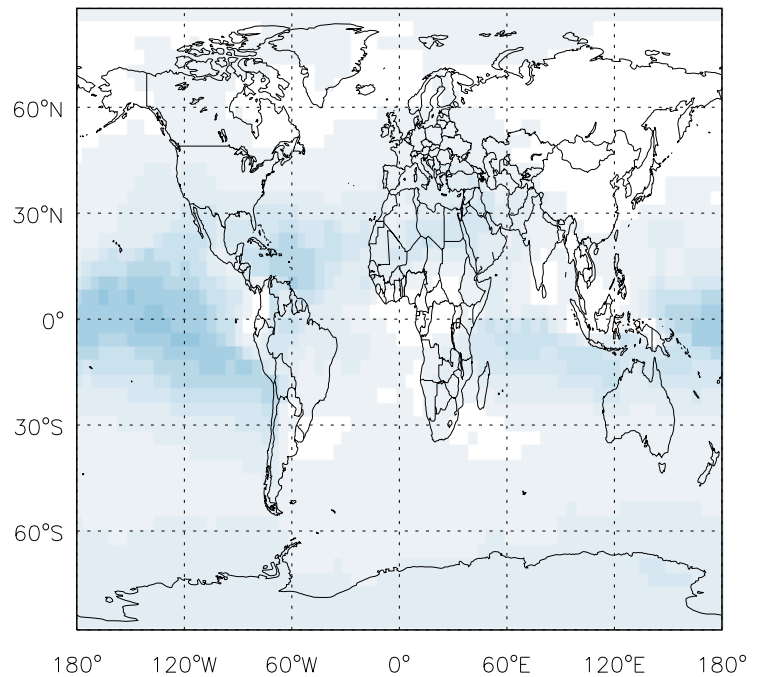
v11-01d-Run1 / v10-01-public-Run0

NH4 / Ratio @ Surface for Oct



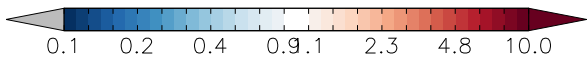
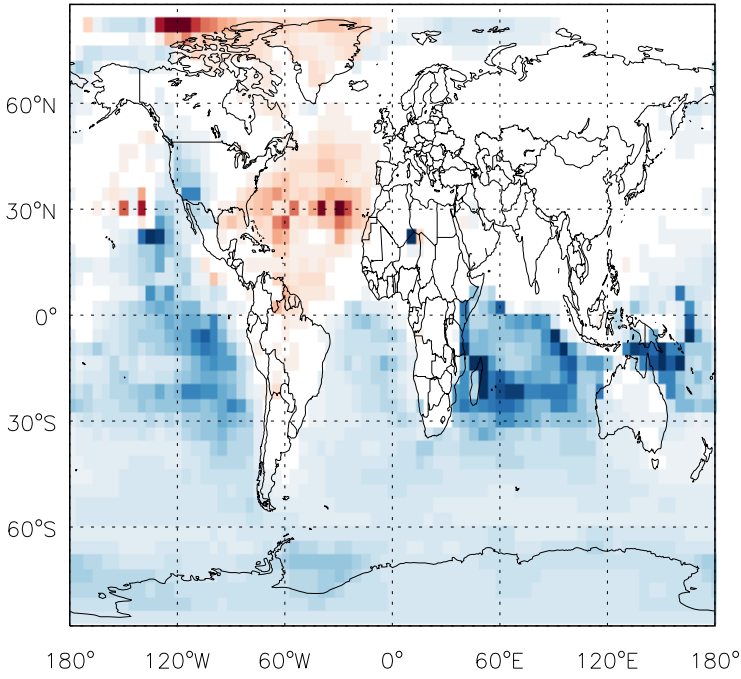
v11-01d-Run1 / v10-01-public-Run0

NH4 / Ratio @ 500 hPa for Oct

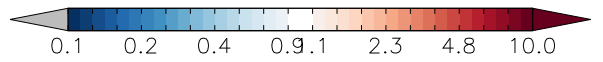
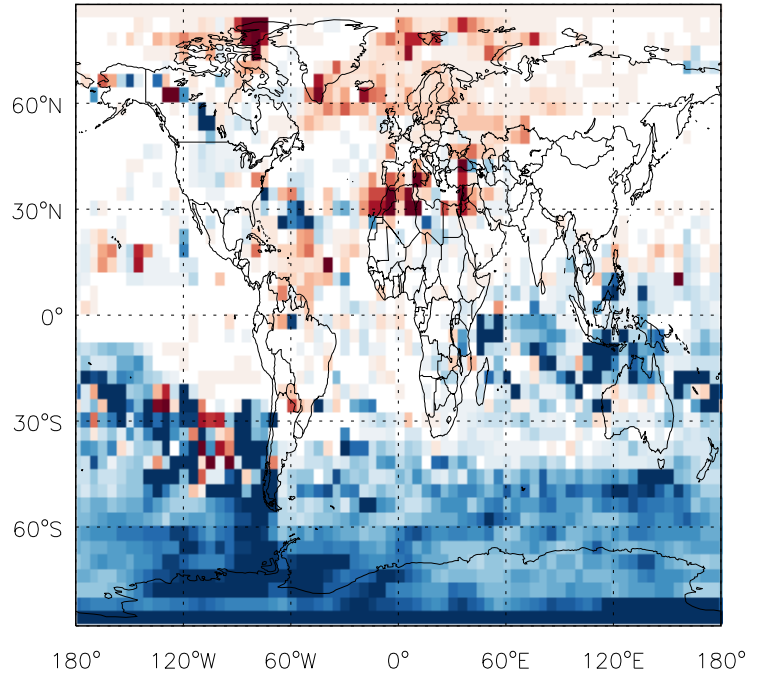


GEOS-Chem Ratio Maps at surface and 500 hPa

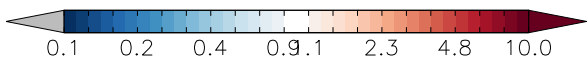
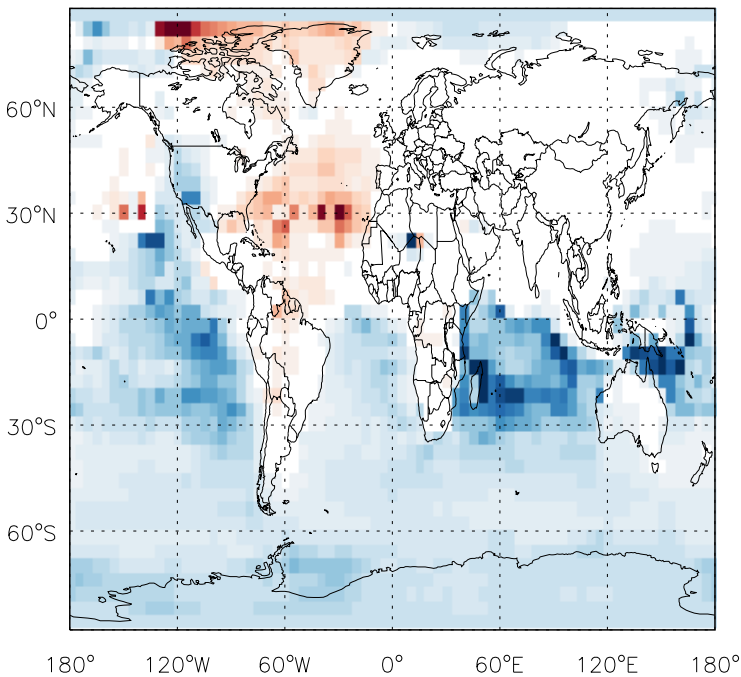
v11-01d-Run1 / v11-01b-Run0
NIT / Ratio @ Surface for Oct



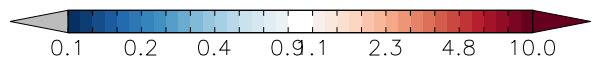
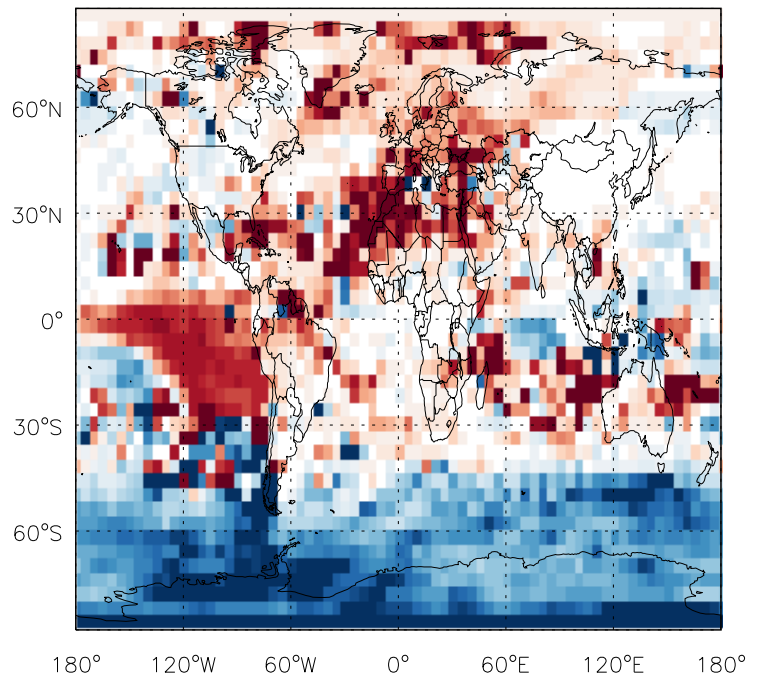
v11-01d-Run1 / v11-01b-Run0
NIT/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
NIT / Ratio @ Surface for Oct

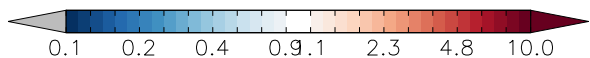
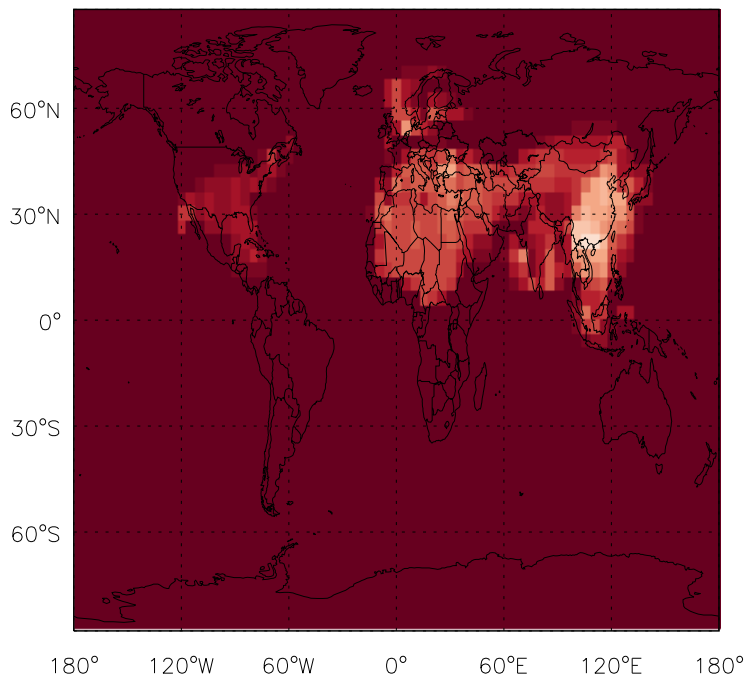


v11-01d-Run1 / v10-01-public-Run0
NIT/ Ratio @ 500 hPa for Oct

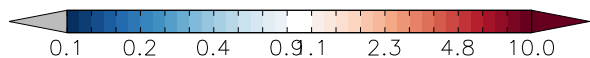
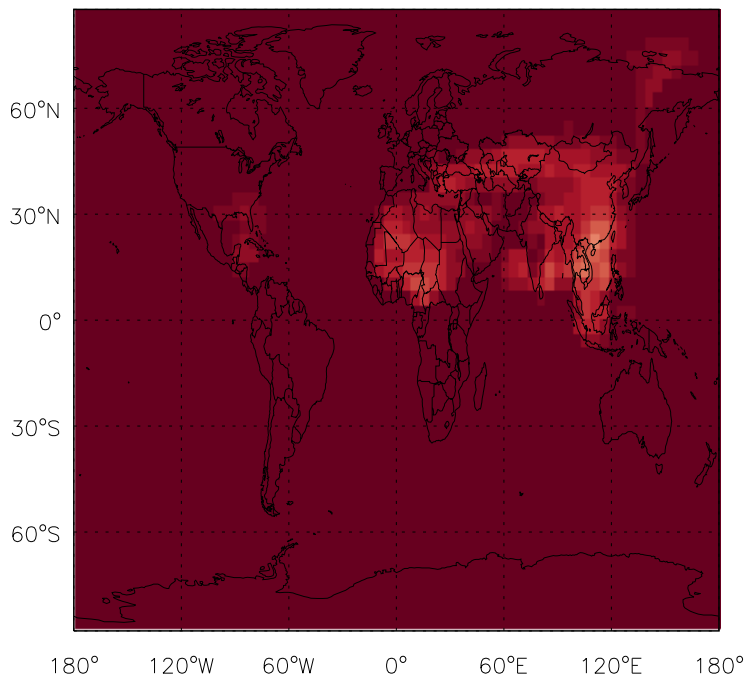


GEOS-Chem Ratio Maps at surface and 500 hPa

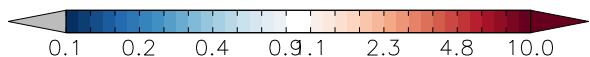
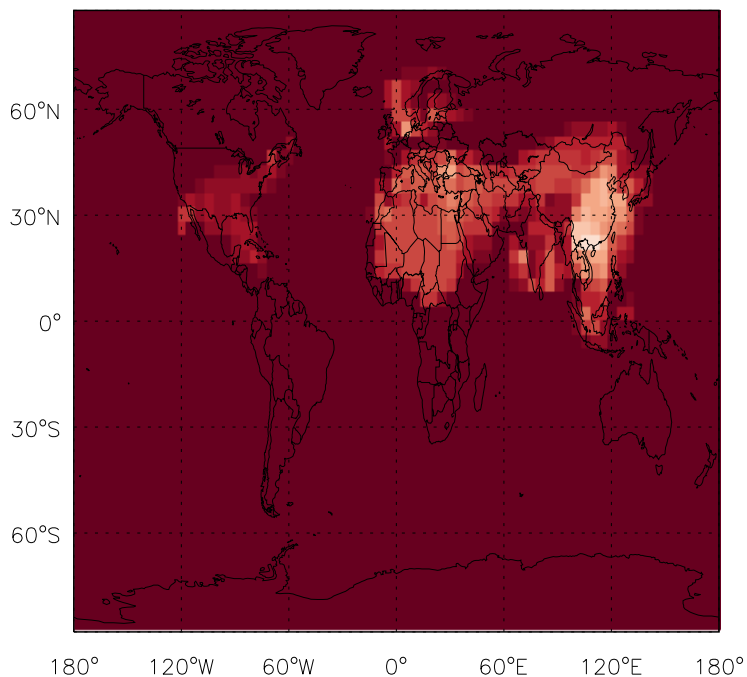
v11-01d-Run1 / v11-01b-Run0
NITs / Ratio @ Surface for Oct



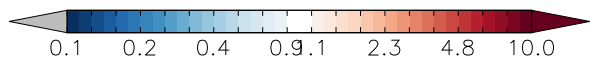
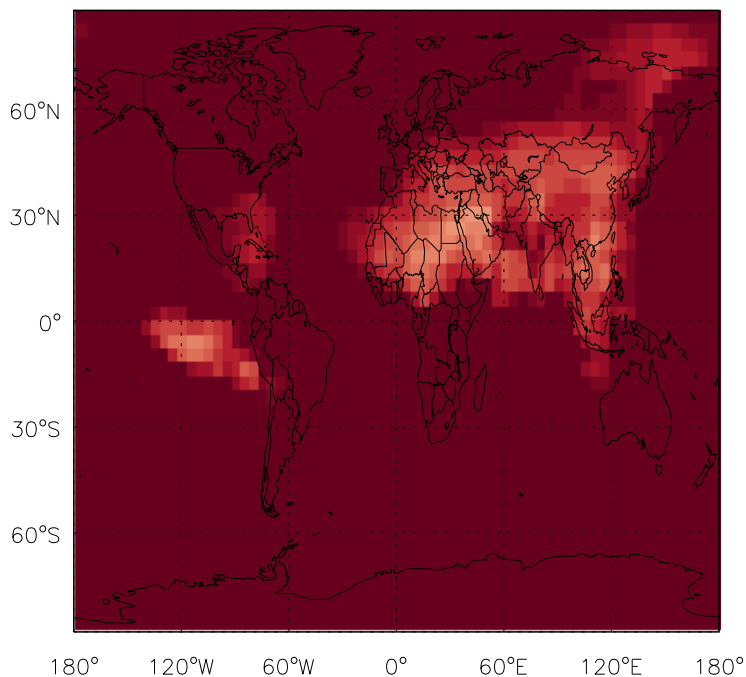
v11-01d-Run1 / v11-01b-Run0
NITs/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
NITs / Ratio @ Surface for Oct



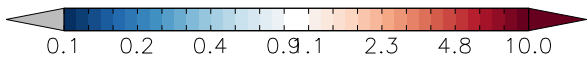
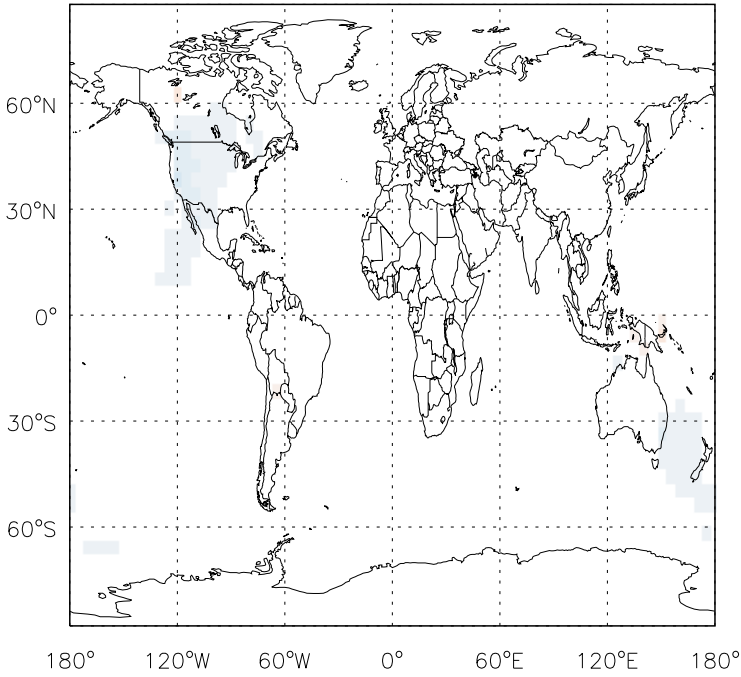
v11-01d-Run1 / v10-01-public-Run0
NITs/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

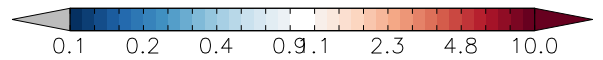
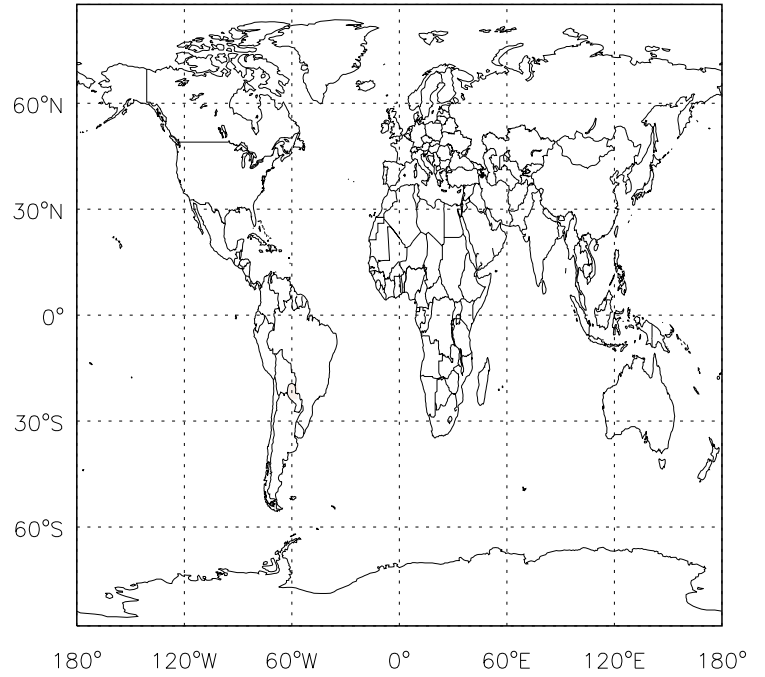
v11-01d-Run1 / v11-01b-Run0

BCPI / Ratio @ Surface for Oct



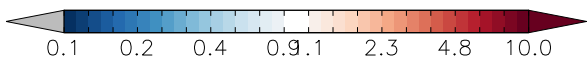
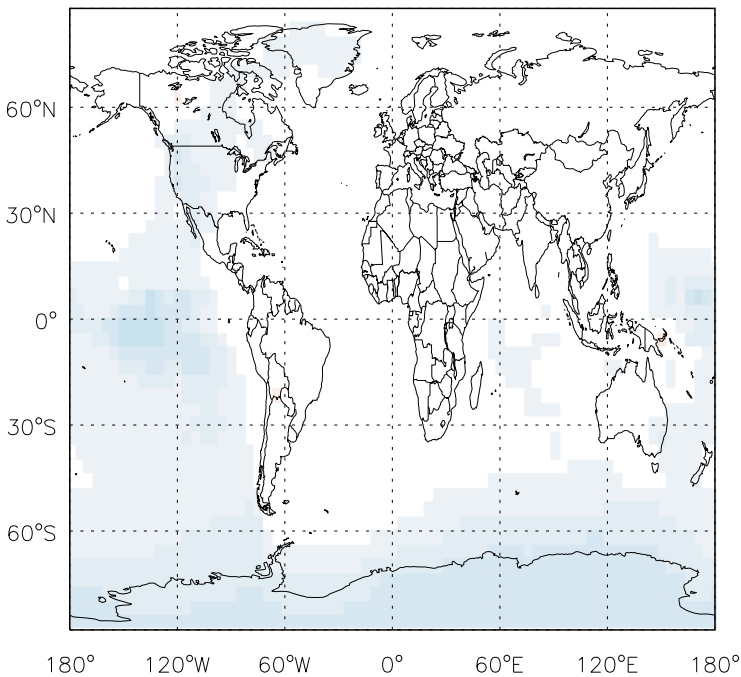
v11-01d-Run1 / v11-01b-Run0

BCPI/ Ratio @ 500 hPa for Oct



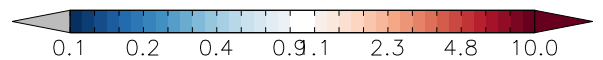
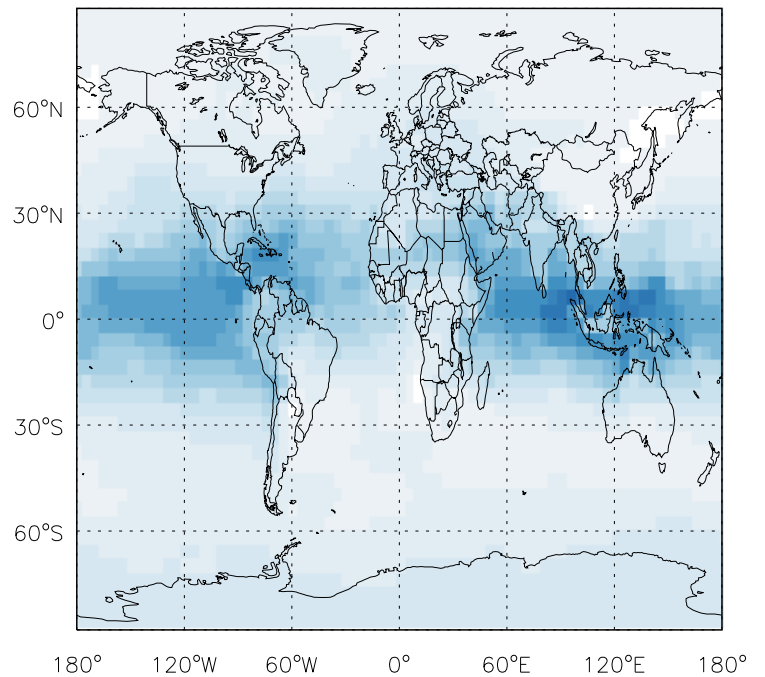
v11-01d-Run1 / v10-01-public-Run0

BCPI / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

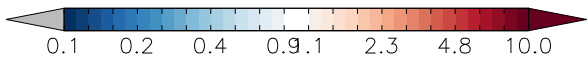
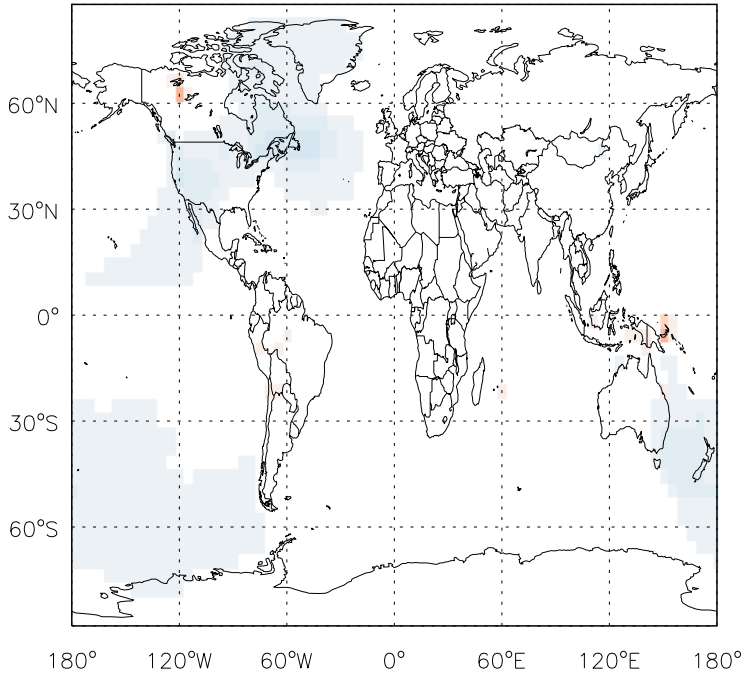
BCPI/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

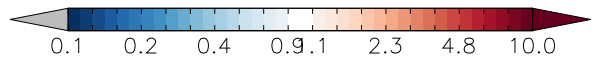
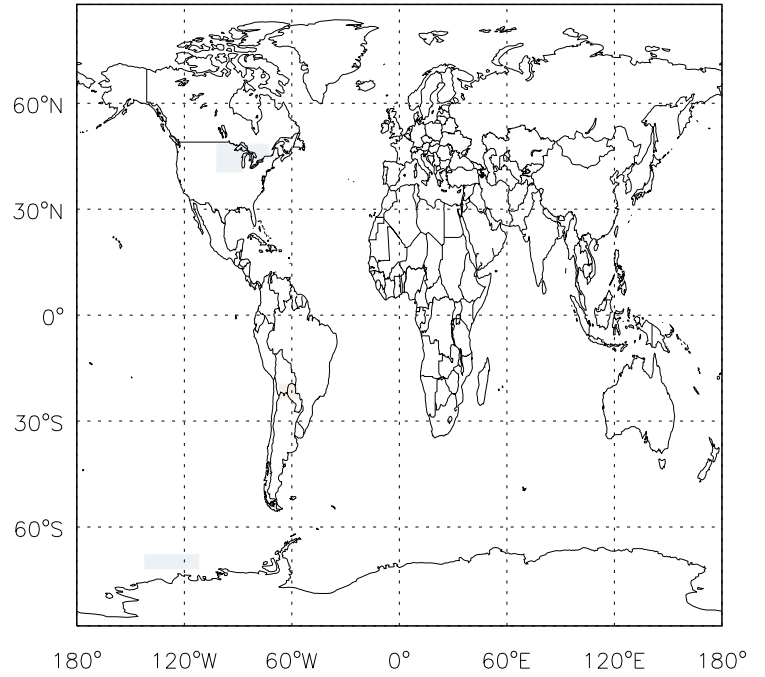
v11-01d-Run1 / v11-01b-Run0

OCPI / Ratio @ Surface for Oct



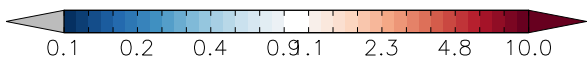
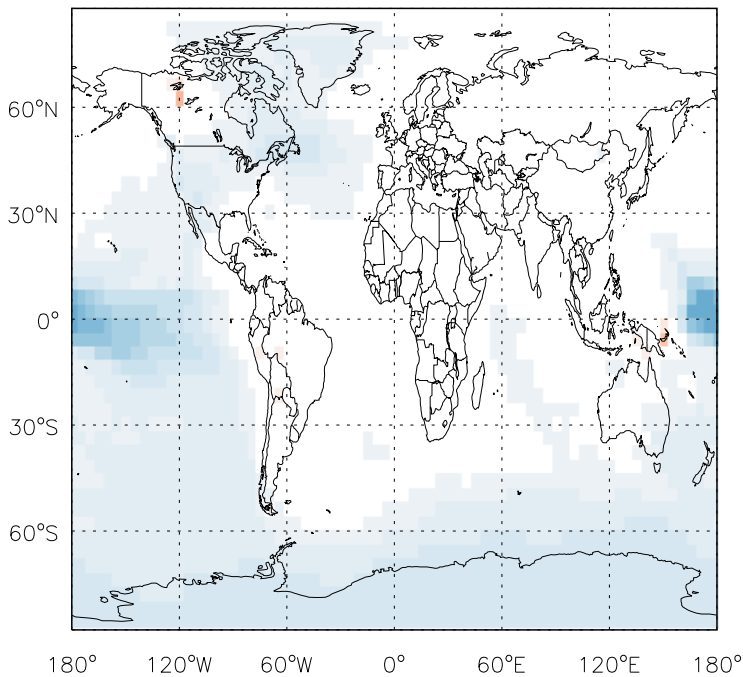
v11-01d-Run1 / v11-01b-Run0

OCPI/ Ratio @ 500 hPa for Oct



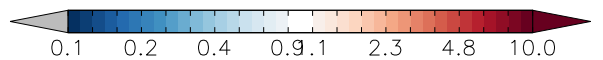
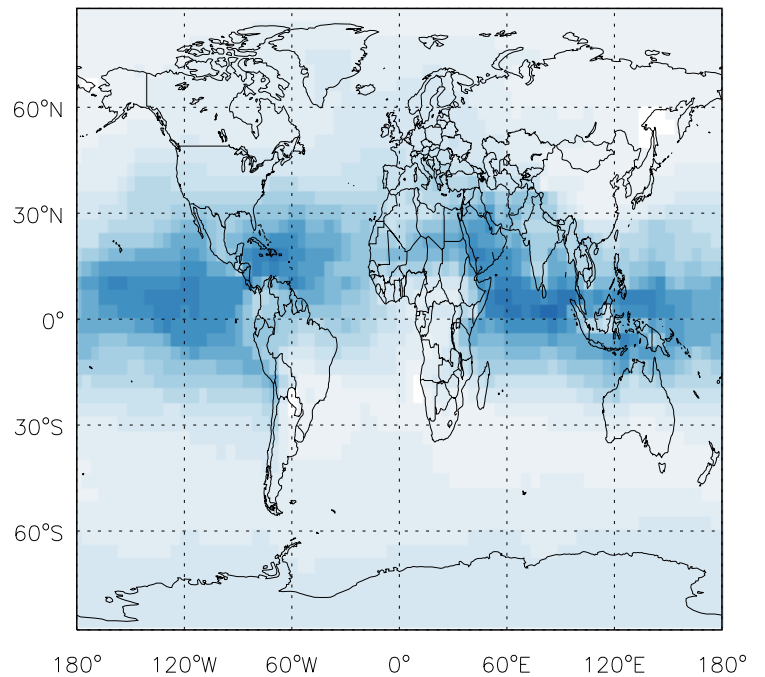
v11-01d-Run1 / v10-01-public-Run0

OCPI / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

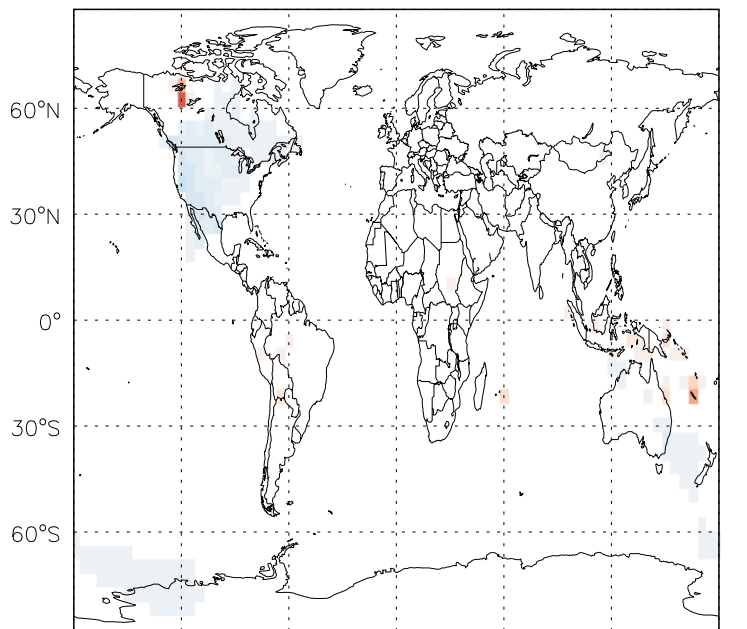
OCPI/ Ratio @ 500 hPa for Oct



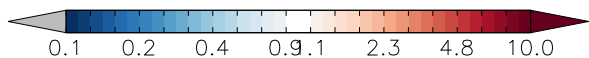
GEOS-Chem Ratio Maps at surface and 500 hPa

v11-01d-Run1 / v11-01b-Run0

BCPO / Ratio @ Surface for Oct

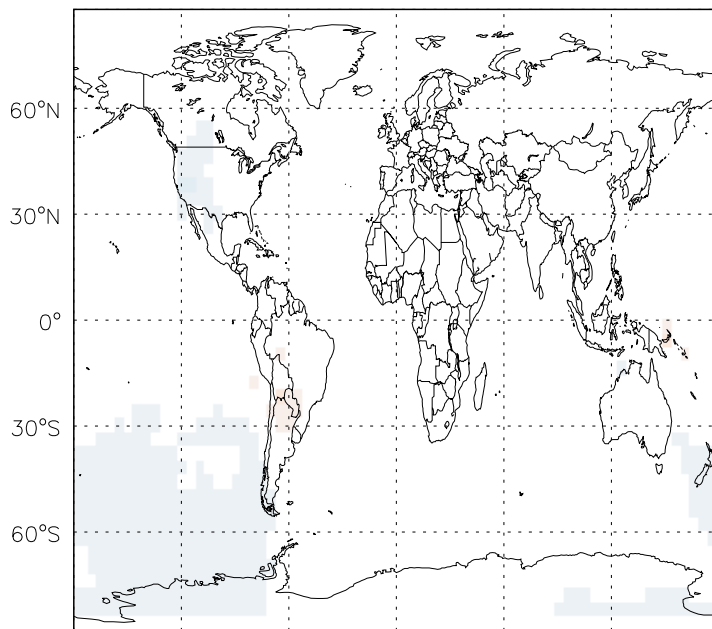


180° 120°W 60°W 0° 60°E 120°E 180°

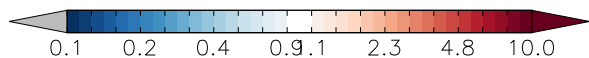


v11-01d-Run1 / v11-01b-Run0

BCPO/ Ratio @ 500 hPa for Oct

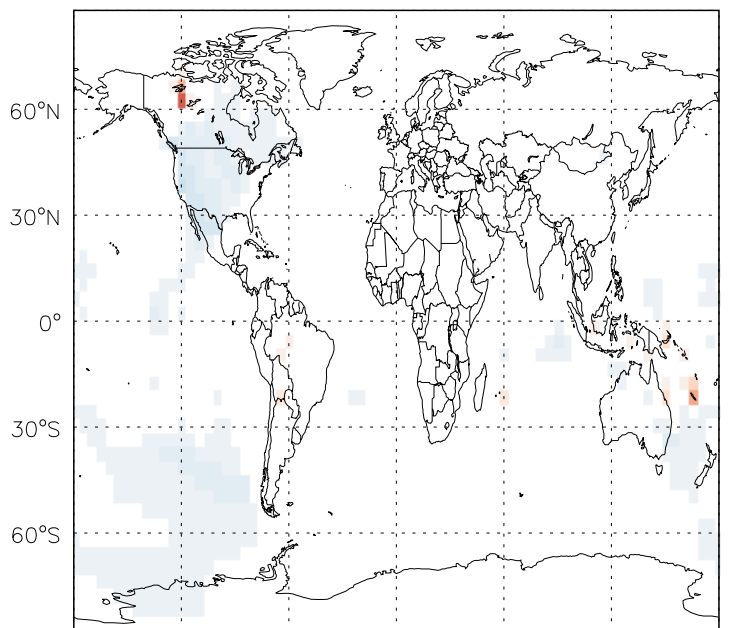


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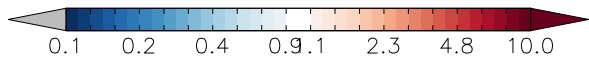


v11-01d-Run1 / v10-01-public-Run0

BCPO / Ratio @ Surface for Oct

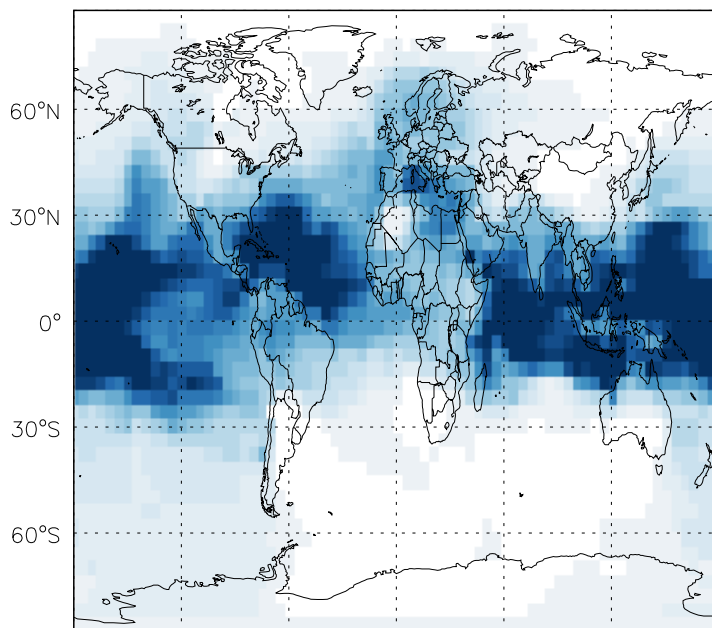


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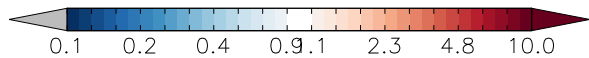


v11-01d-Run1 / v10-01-public-Run0

BCPO/ Ratio @ 500 hPa for Oct

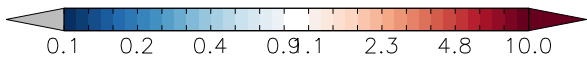
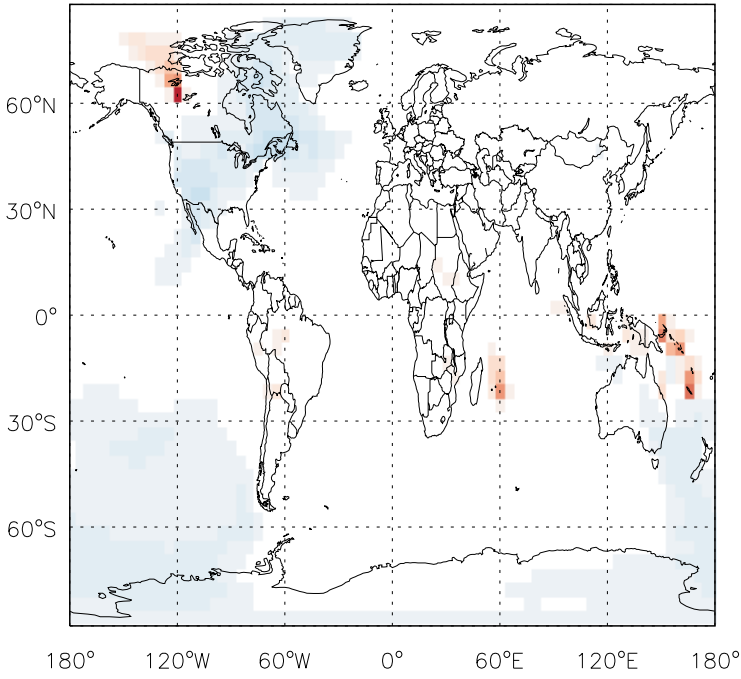


180° 120°W 60°W 0° 60°E 120°E 180°

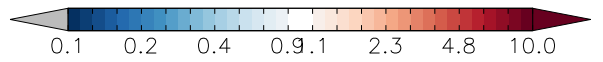
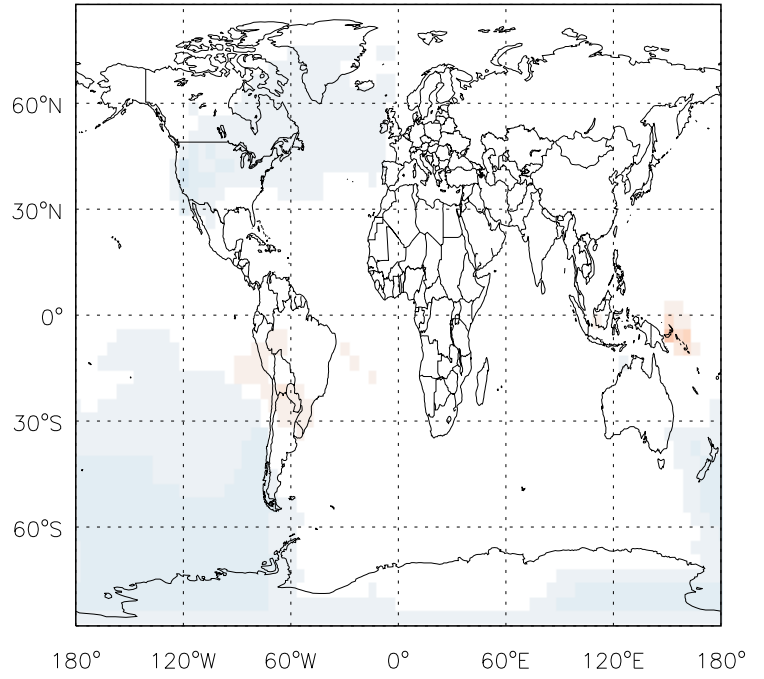


GEOS-Chem Ratio Maps at surface and 500 hPa

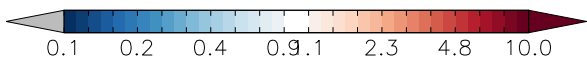
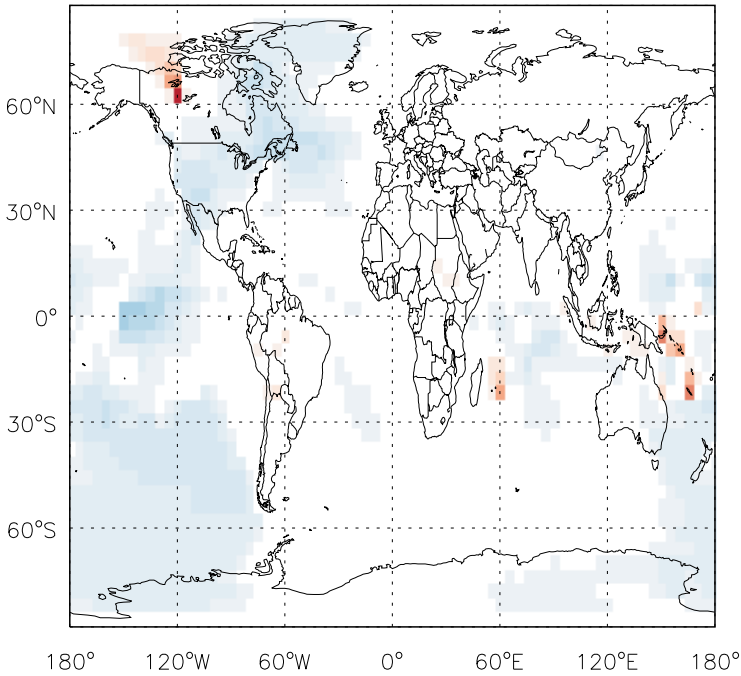
v11-01d-Run1 / v11-01b-Run0
OCPO / Ratio @ Surface for Oct



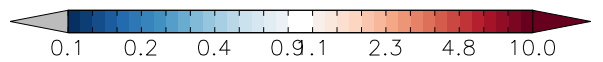
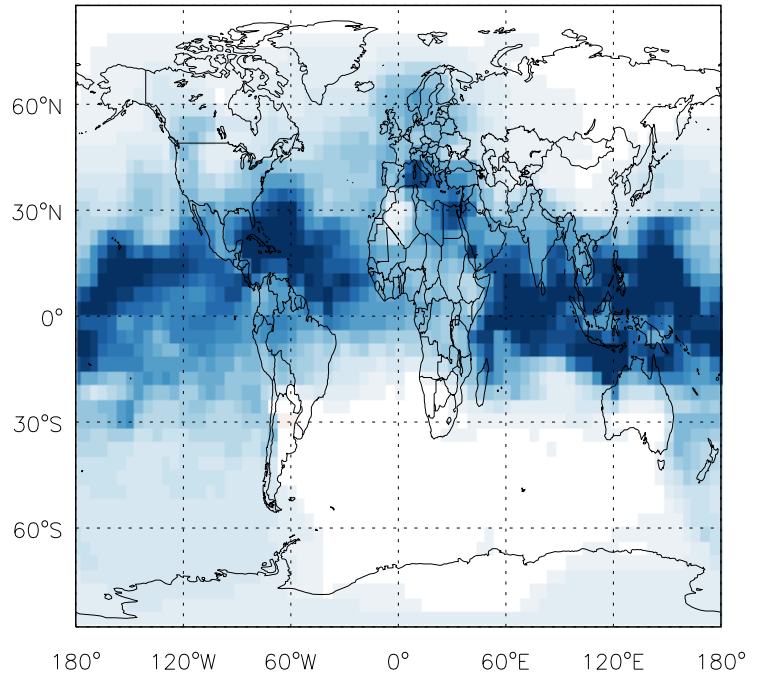
v11-01d-Run1 / v11-01b-Run0
OCPO / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
OCPO / Ratio @ Surface for Oct



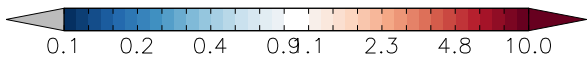
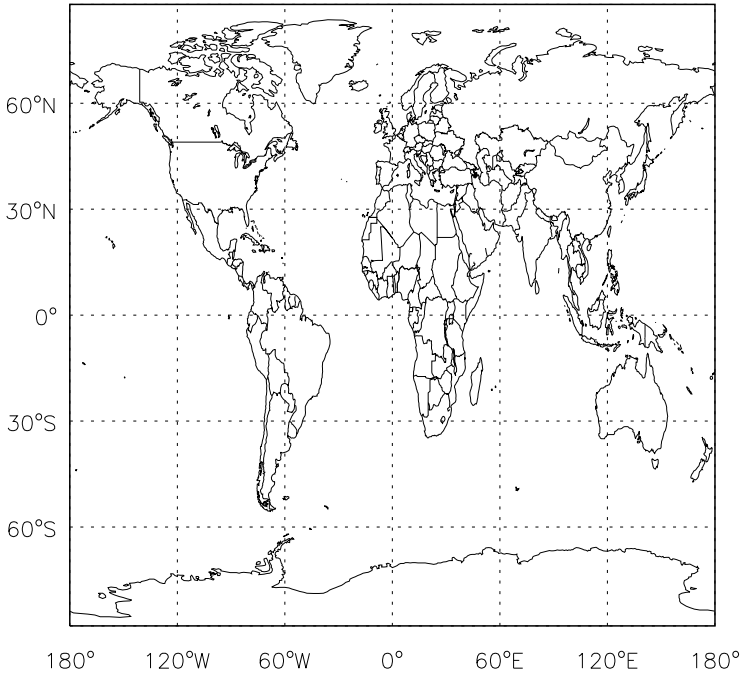
v11-01d-Run1 / v10-01-public-Run0
OCPO / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

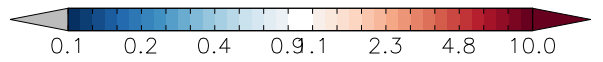
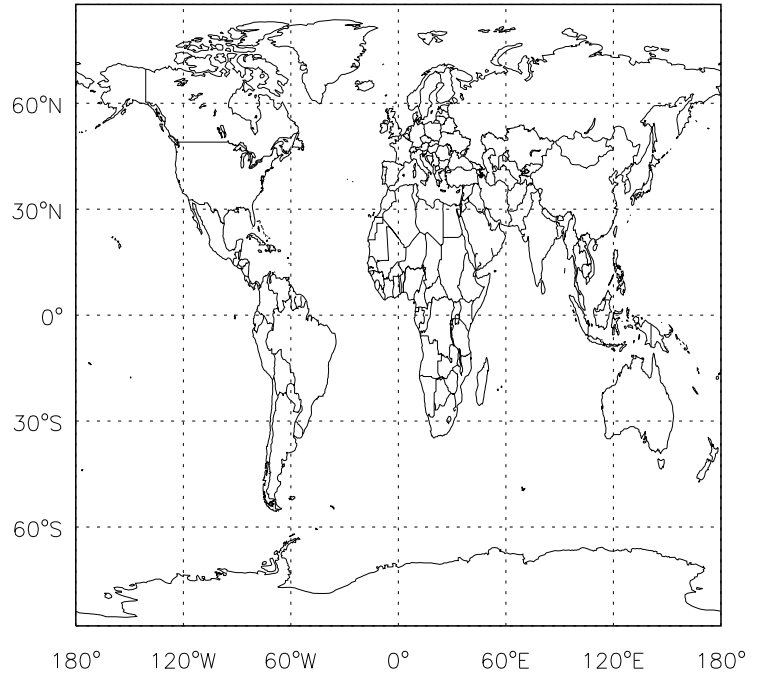
v11-01d-Run1 / v11-01b-Run0

DST1 / Ratio @ Surface for Oct



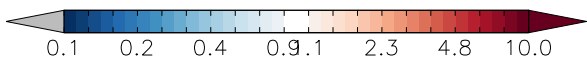
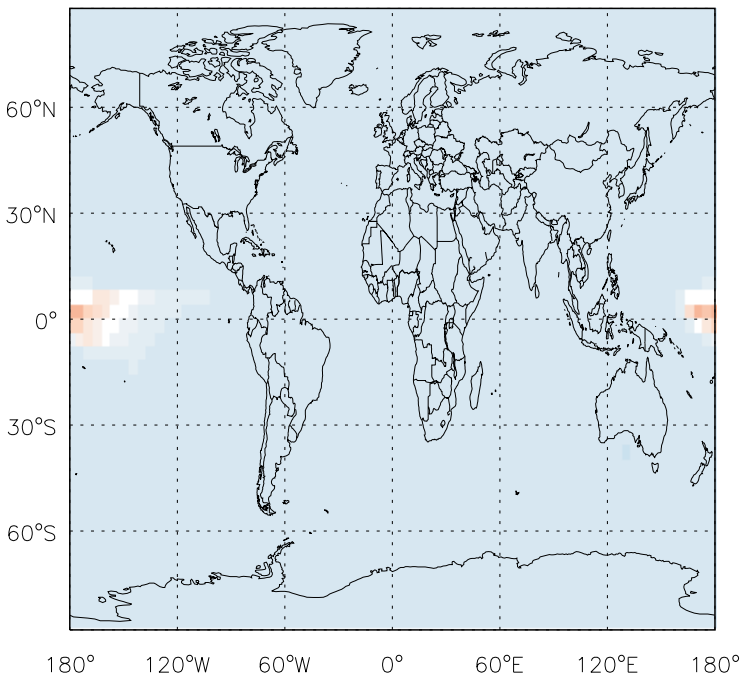
v11-01d-Run1 / v11-01b-Run0

DST1/ Ratio @ 500 hPa for Oct



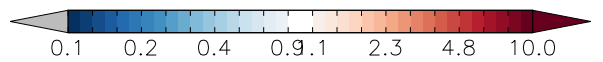
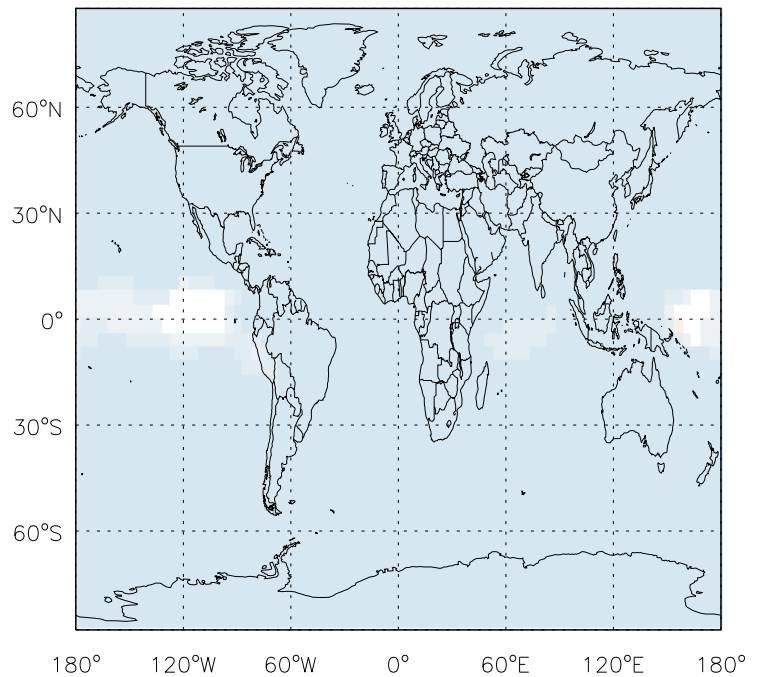
v11-01d-Run1 / v10-01-public-Run0

DST1 / Ratio @ Surface for Oct



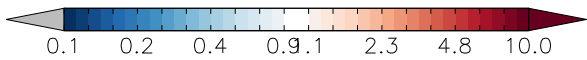
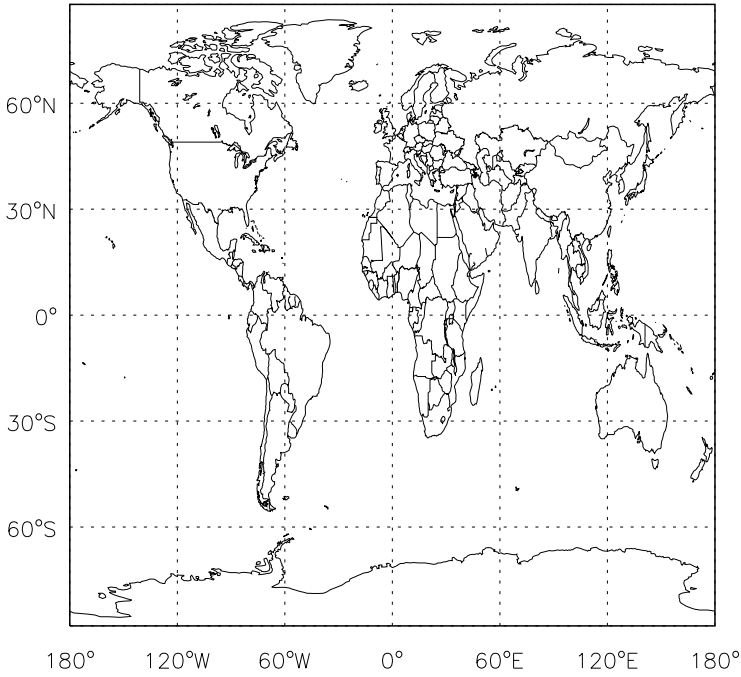
v11-01d-Run1 / v10-01-public-Run0

DST1/ Ratio @ 500 hPa for Oct

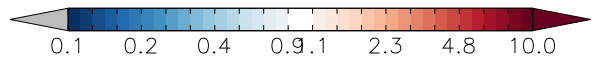
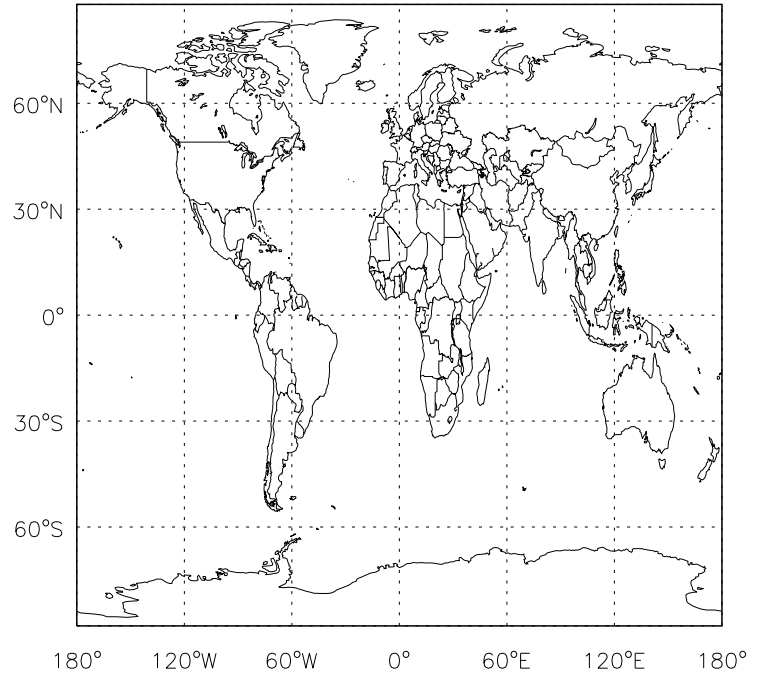


GEOS-Chem Ratio Maps at surface and 500 hPa

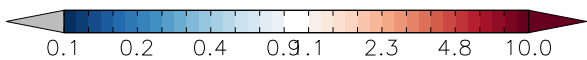
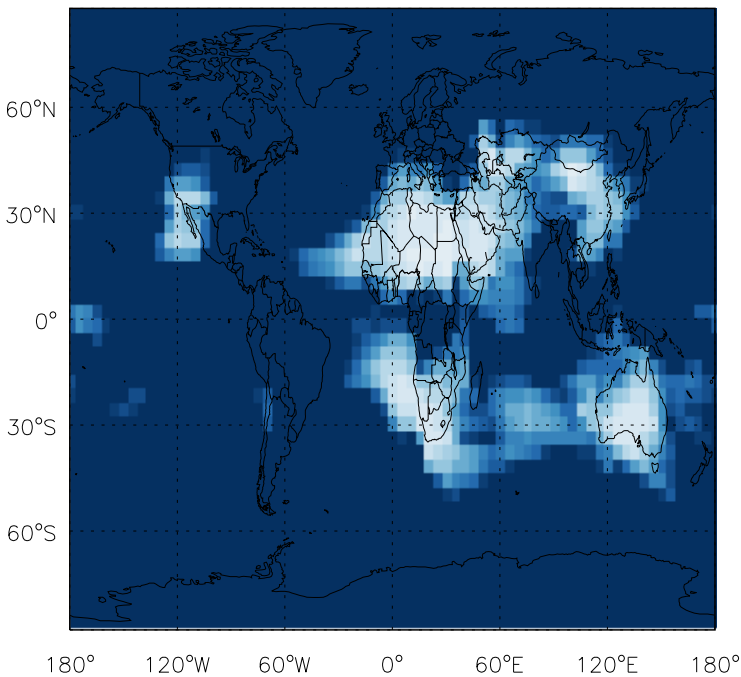
v11-01d-Run1 / v11-01b-Run0
DST2 / Ratio @ Surface for Oct



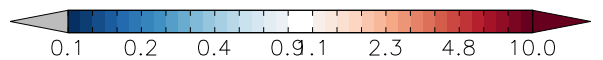
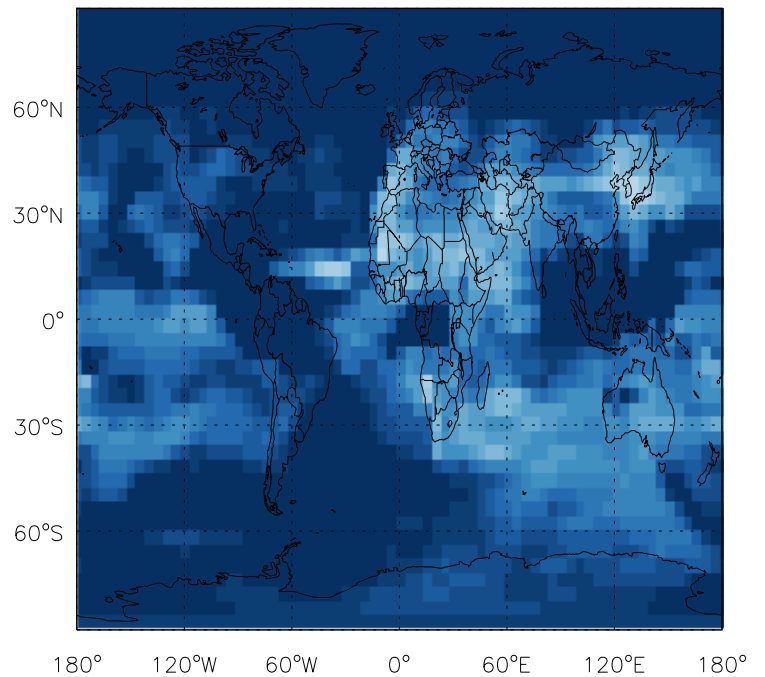
v11-01d-Run1 / v11-01b-Run0
DST2/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
DST2 / Ratio @ Surface for Oct



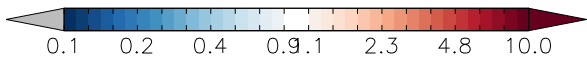
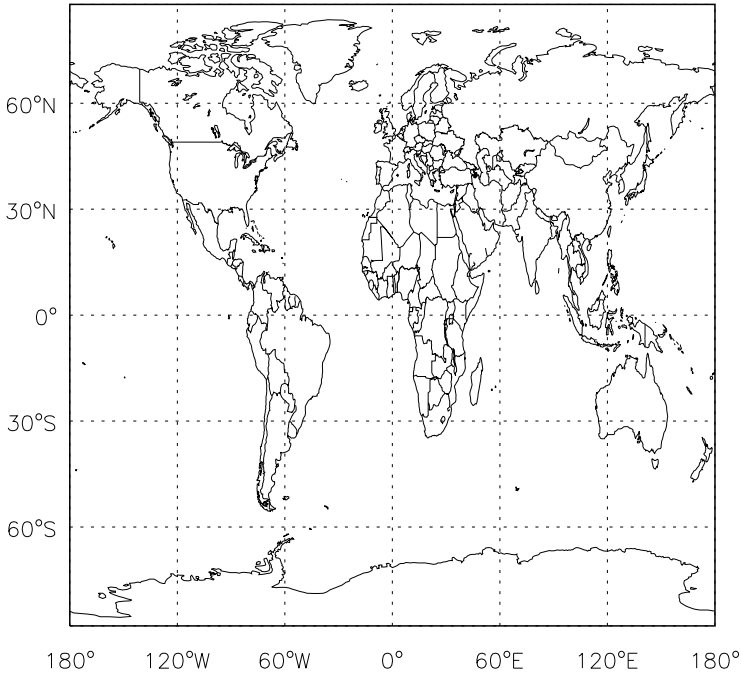
v11-01d-Run1 / v10-01-public-Run0
DST2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

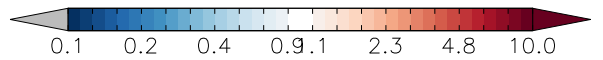
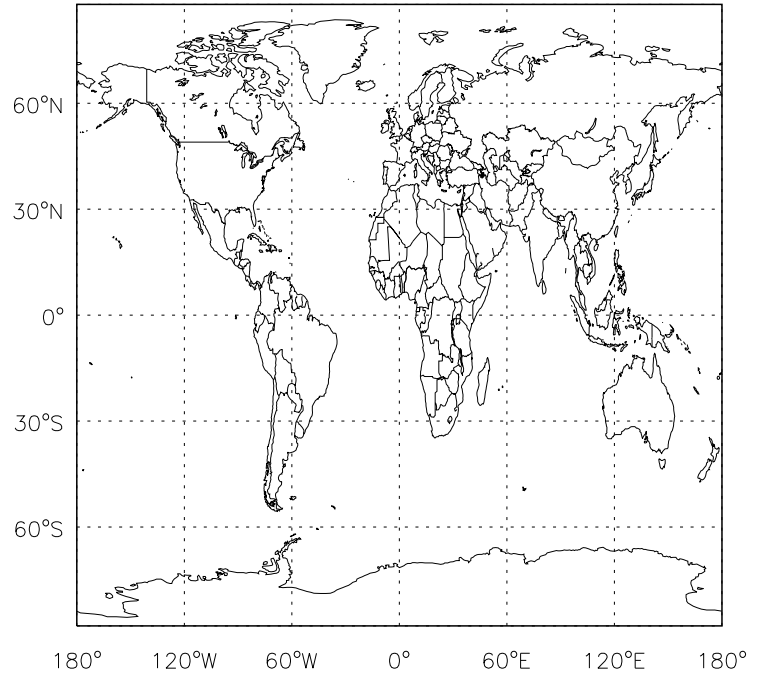
v11-01d-Run1 / v11-01b-Run0

DST3 / Ratio @ Surface for Oct



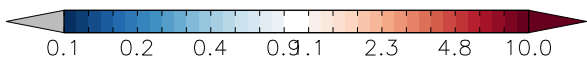
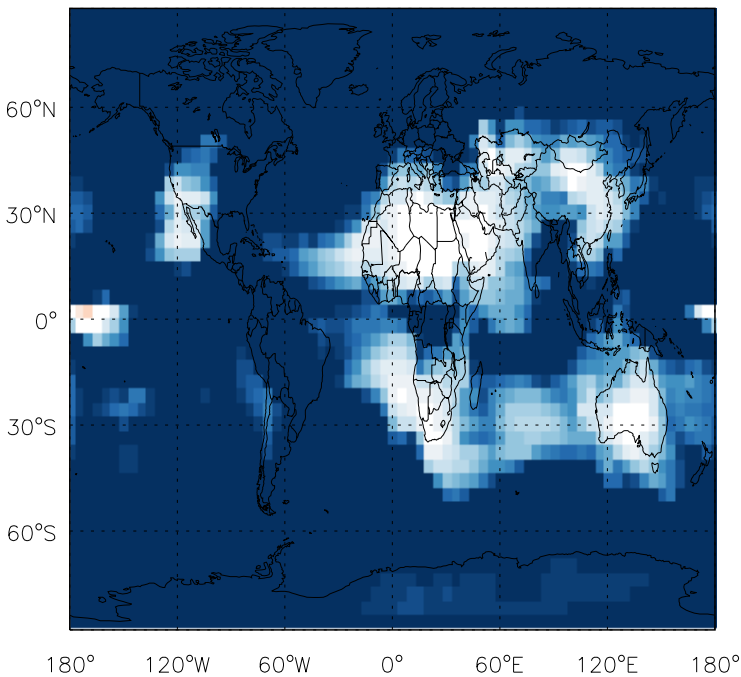
v11-01d-Run1 / v11-01b-Run0

DST3/ Ratio @ 500 hPa for Oct



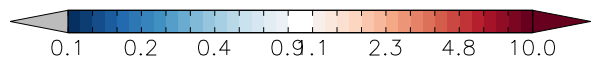
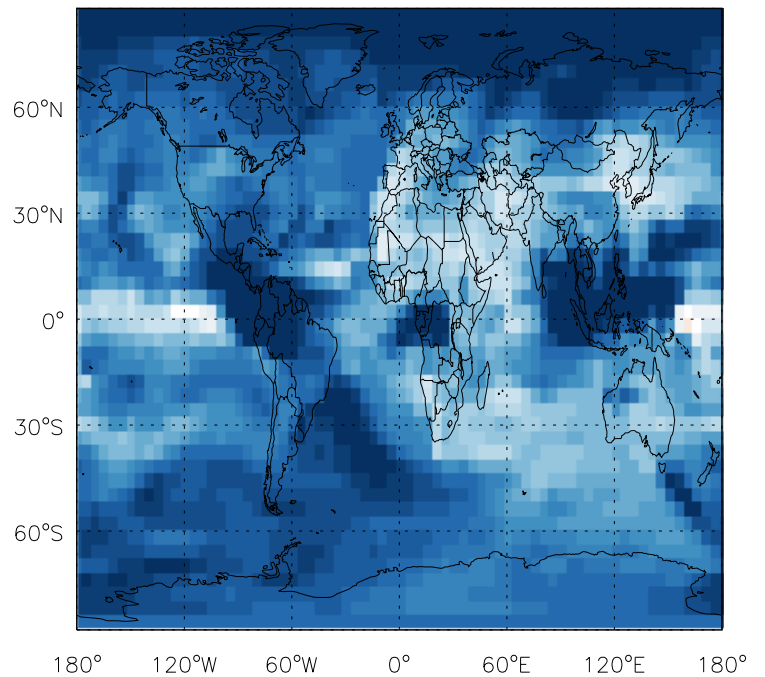
v11-01d-Run1 / v10-01-public-Run0

DST3 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

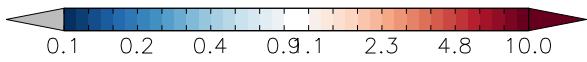
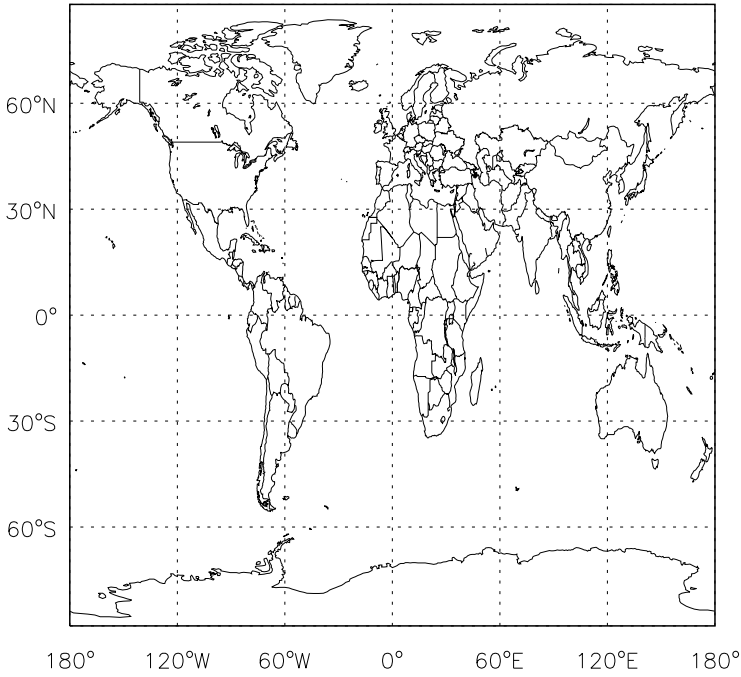
DST3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

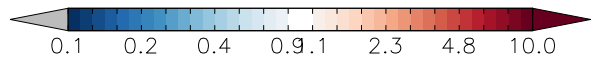
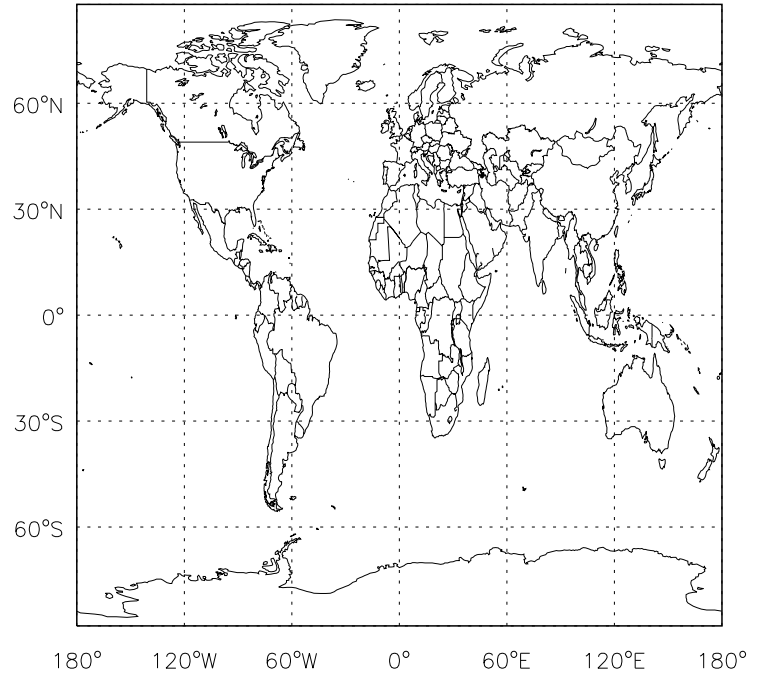
v11-01d-Run1 / v11-01b-Run0

DST4 / Ratio @ Surface for Oct



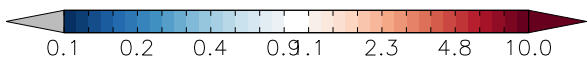
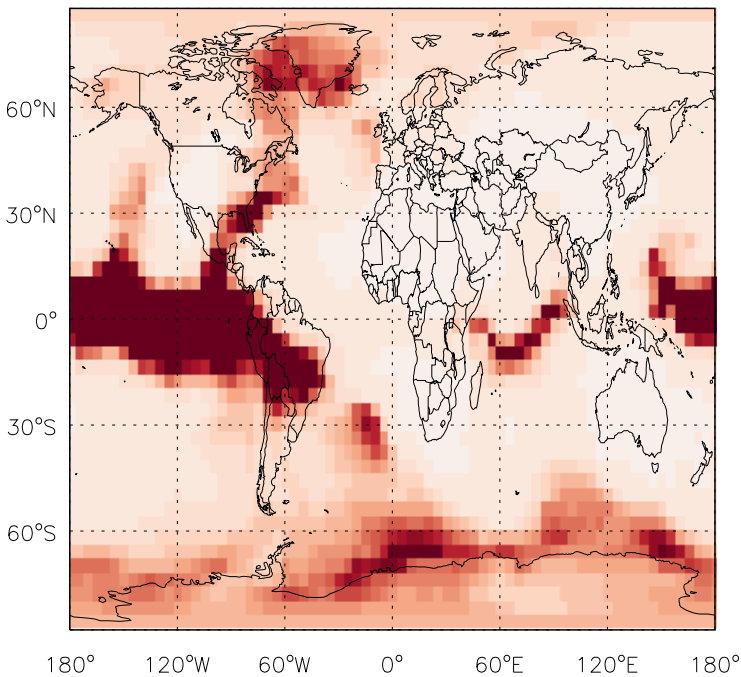
v11-01d-Run1 / v11-01b-Run0

DST4/ Ratio @ 500 hPa for Oct



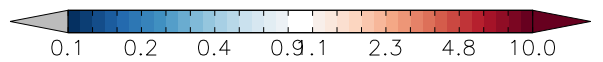
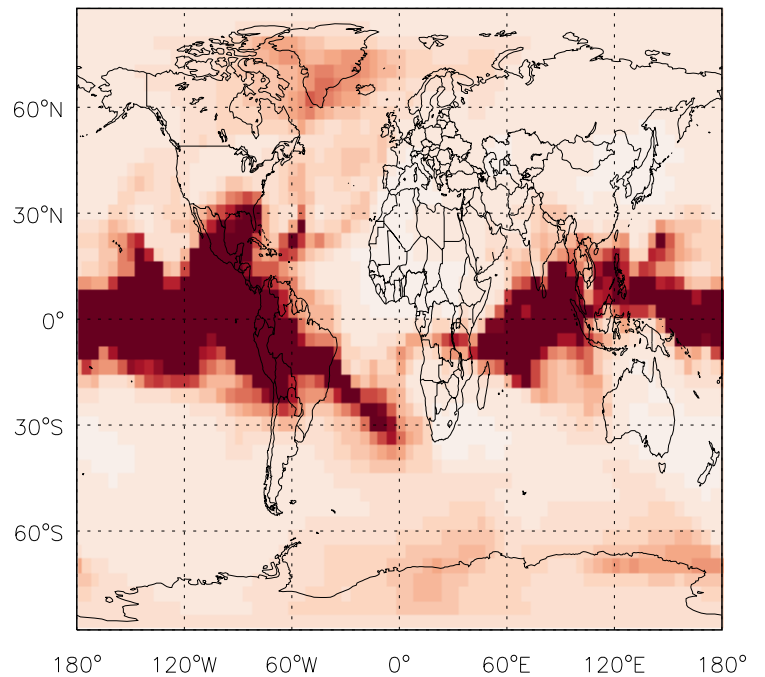
v11-01d-Run1 / v10-01-public-Run0

DST4 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

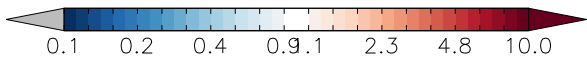
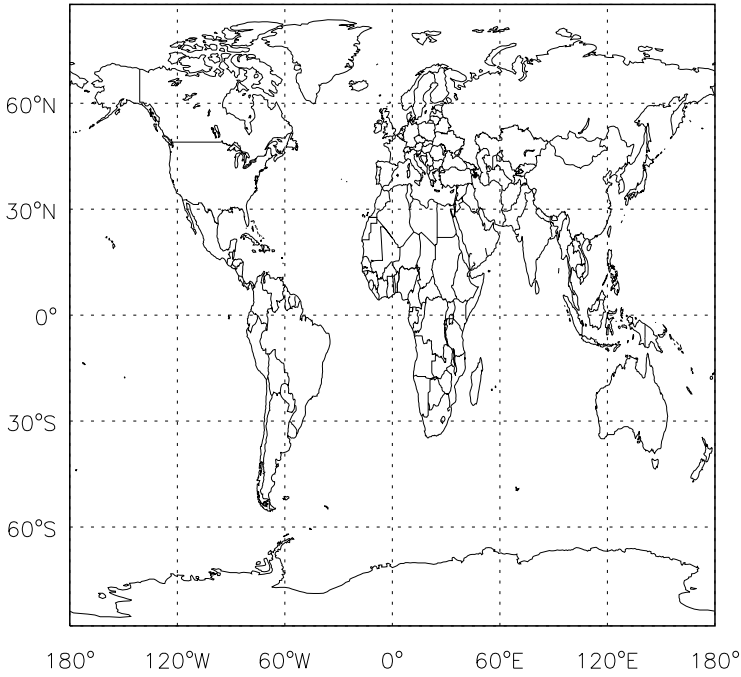
DST4/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

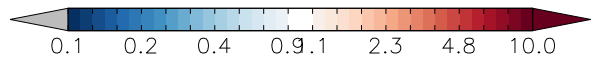
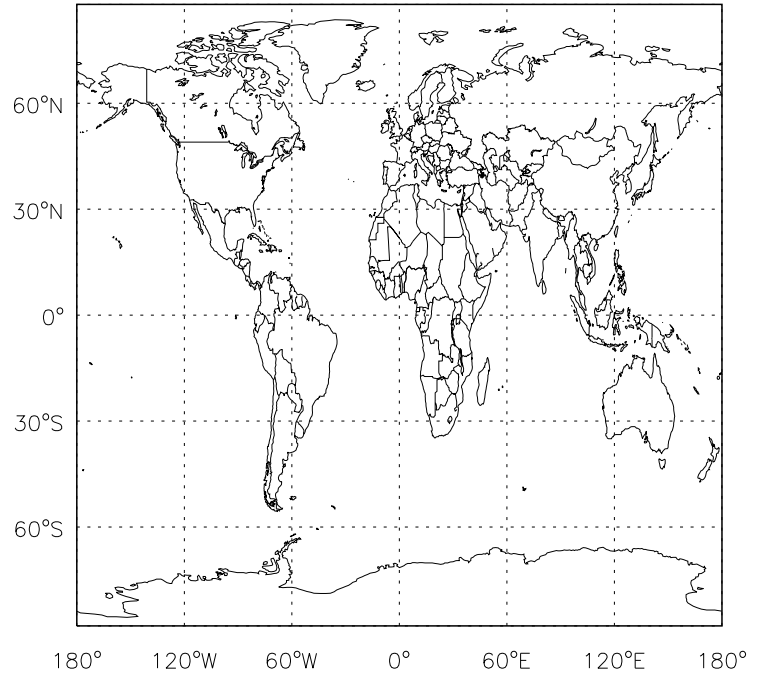
v11-01d-Run1 / v11-01b-Run0

SALA / Ratio @ Surface for Oct



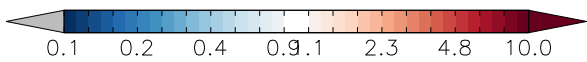
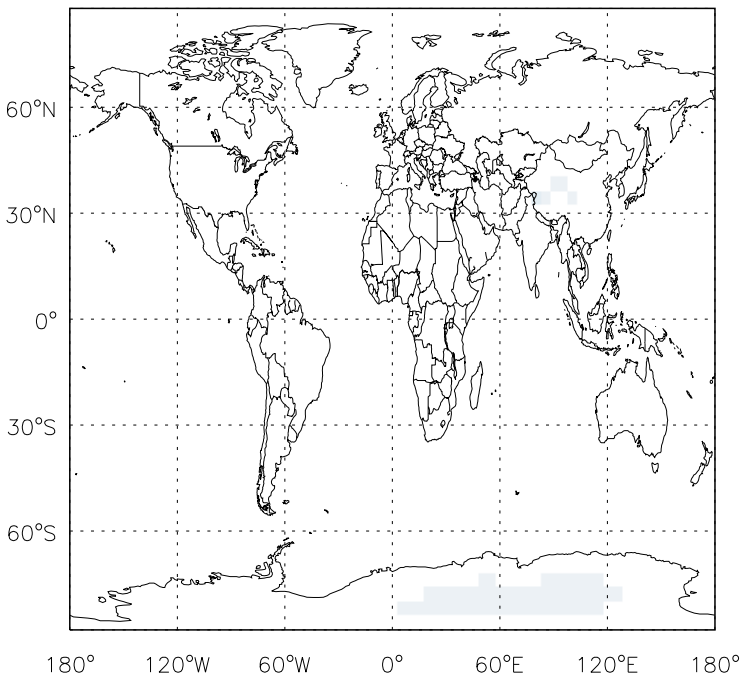
v11-01d-Run1 / v11-01b-Run0

SALA/ Ratio @ 500 hPa for Oct



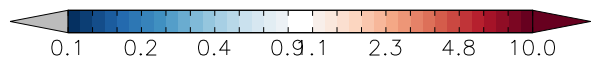
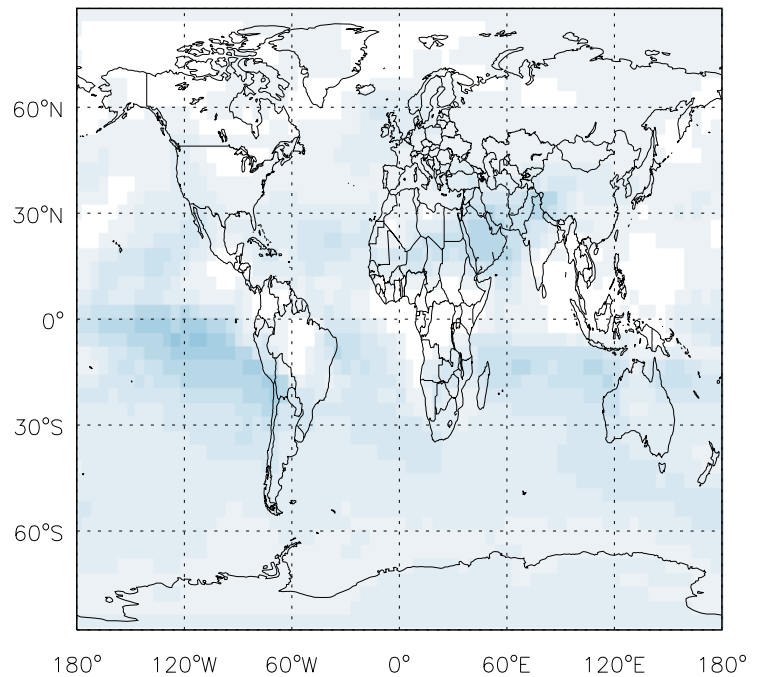
v11-01d-Run1 / v10-01-public-Run0

SALA / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

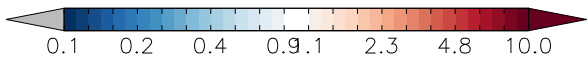
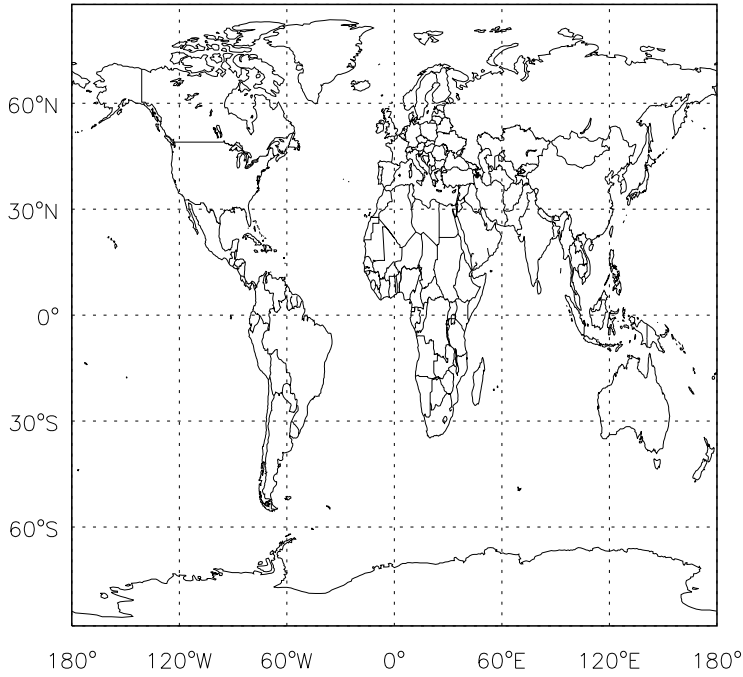
SALA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

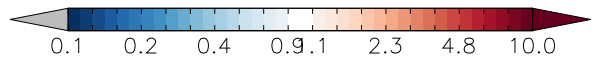
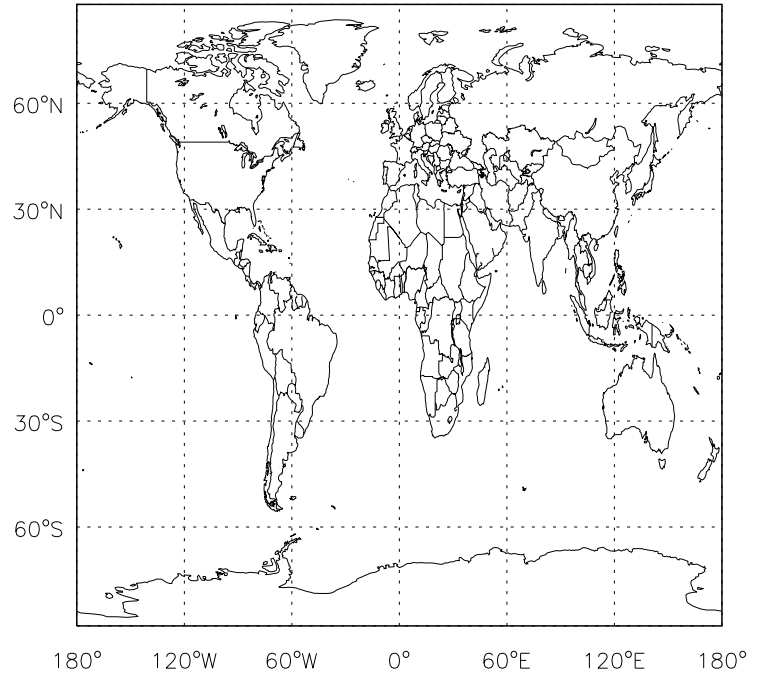
v11-01d-Run1 / v11-01b-Run0

SALC / Ratio @ Surface for Oct



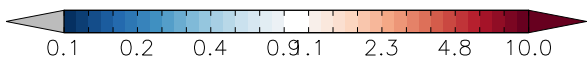
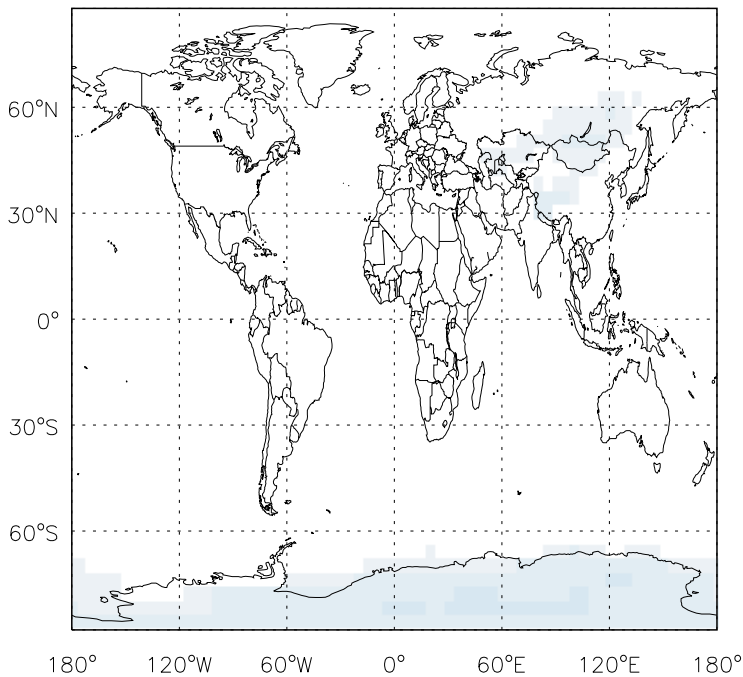
v11-01d-Run1 / v11-01b-Run0

SALC / Ratio @ 500 hPa for Oct



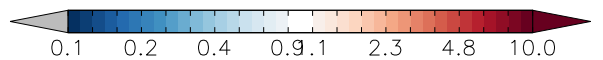
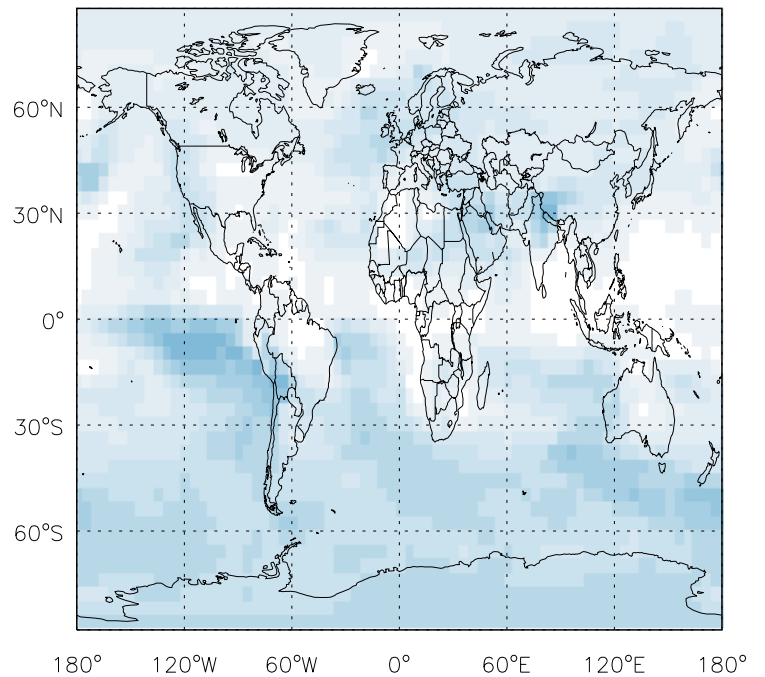
v11-01d-Run1 / v10-01-public-Run0

SALC / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

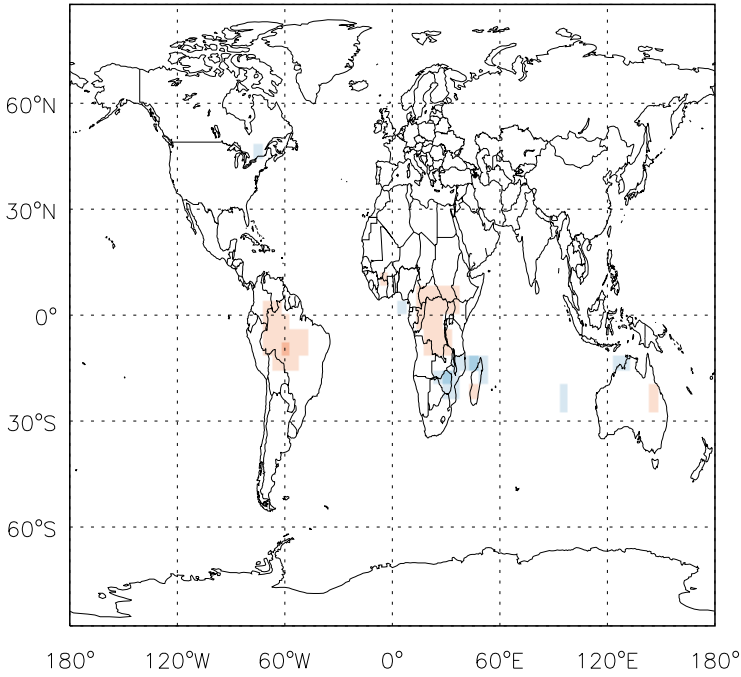
SALC / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

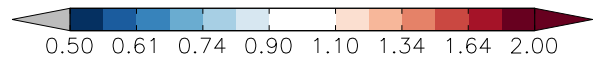
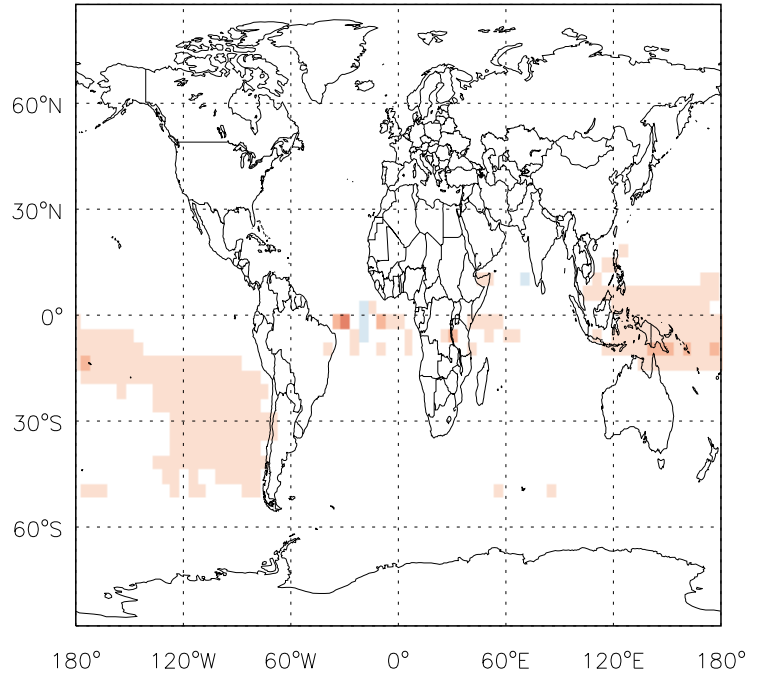
v11-01d-Run1 / v11-01b-Run0

Br2 / Ratio @ Surface for Oct



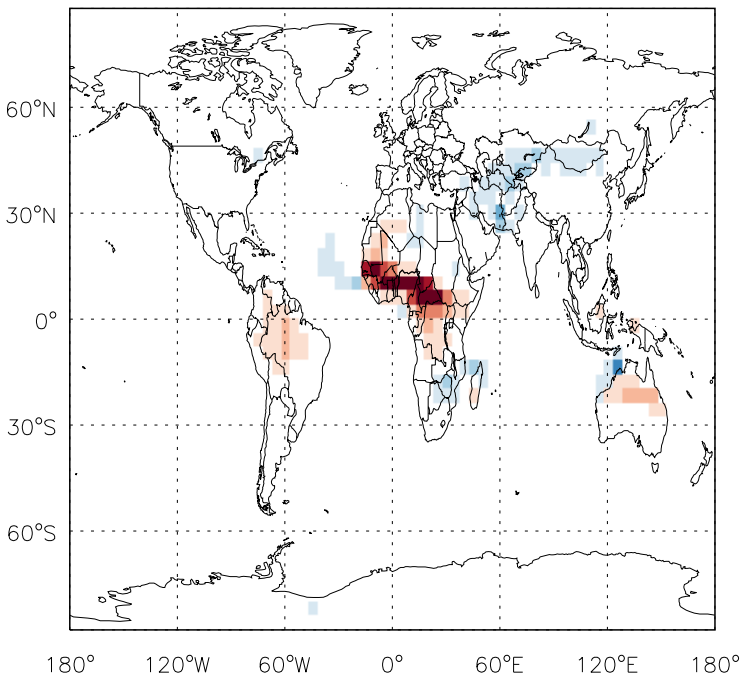
v11-01d-Run1 / v11-01b-Run0

Br2 / Ratio @ 500 hPa for Oct



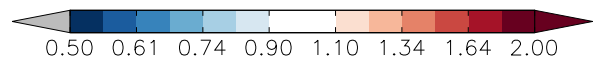
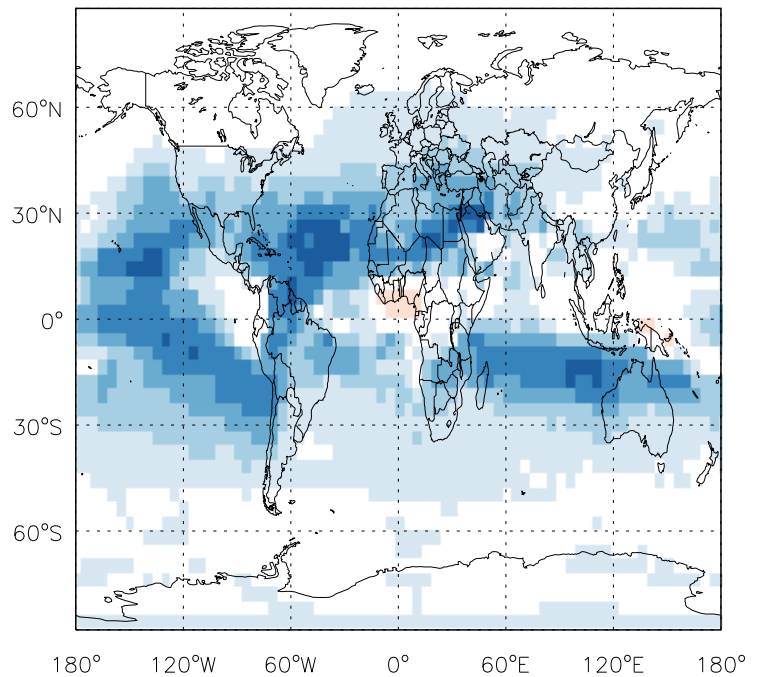
v11-01d-Run1 / v10-01-public-Run0

Br2 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

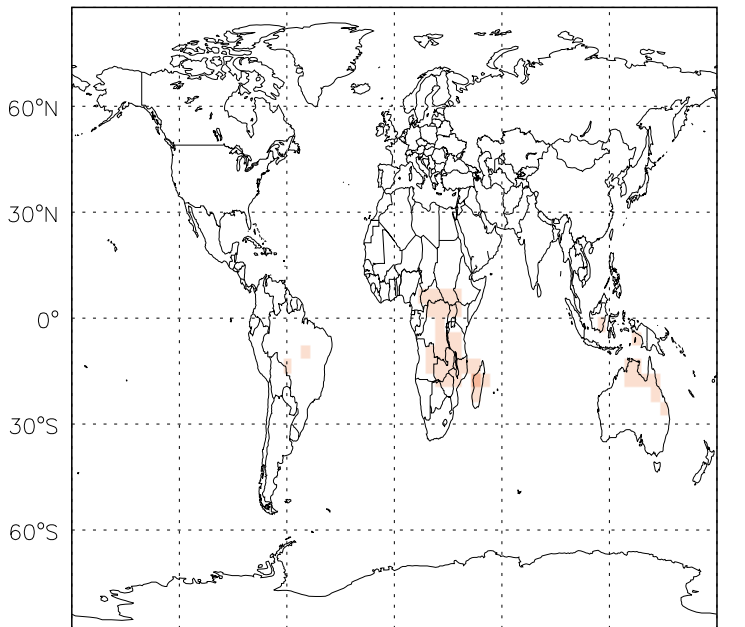
Br2 / Ratio @ 500 hPa for Oct



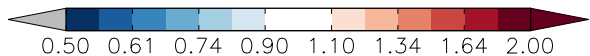
GEOS-Chem Ratio Maps at surface and 500 hPa

v11-01d-Run1 / v11-01b-Run0

Br / Ratio @ Surface for Oct

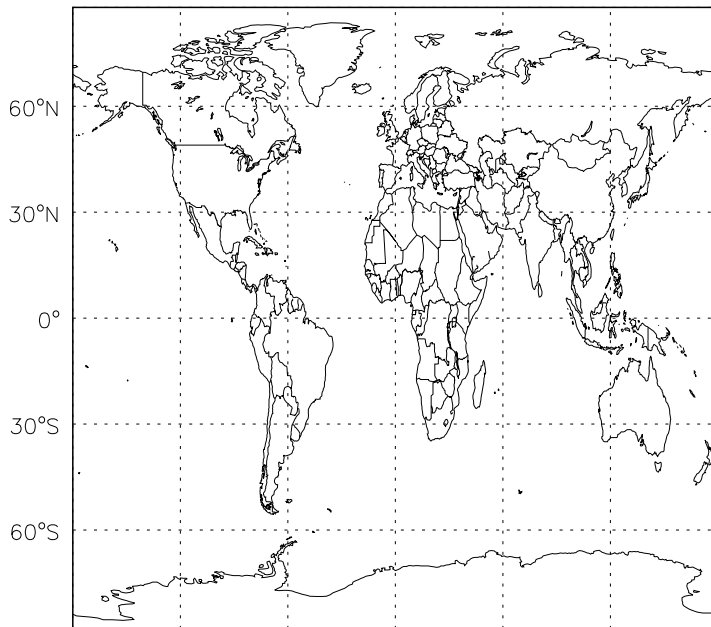


180° 120°W 60°W 0° 60°E 120°E 180°

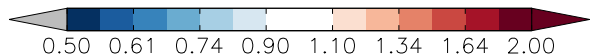


v11-01d-Run1 / v11-01b-Run0

Br / Ratio @ 500 hPa for Oct

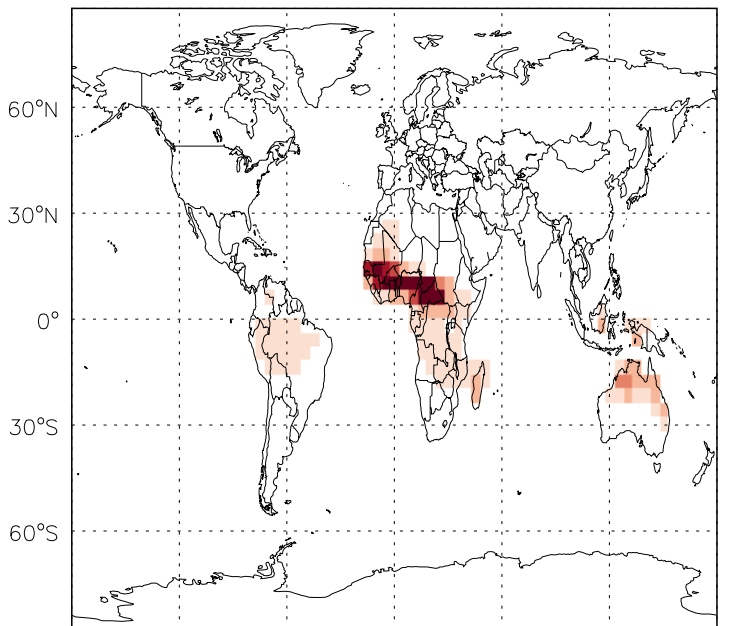


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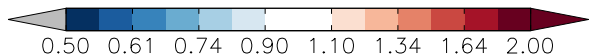


v11-01d-Run1 / v10-01-public-Run0

Br / Ratio @ Surface for Oct

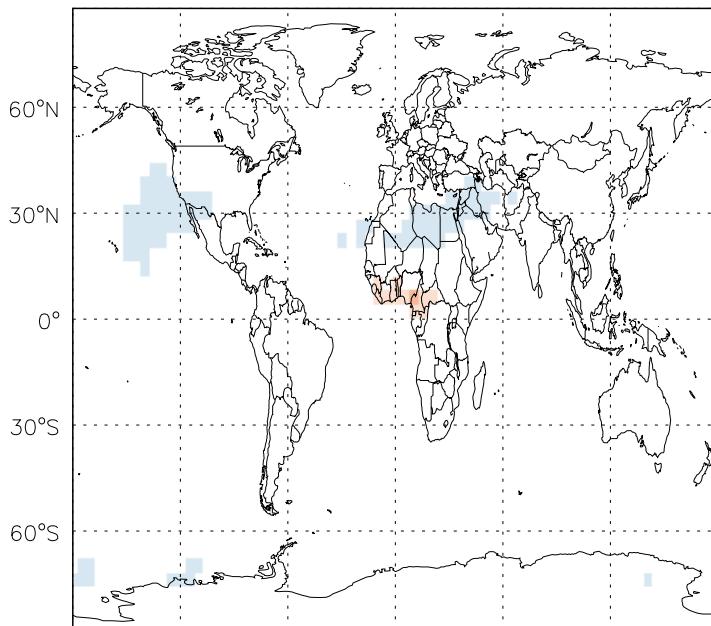


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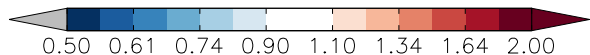


v11-01d-Run1 / v10-01-public-Run0

Br / Ratio @ 500 hPa for Oct



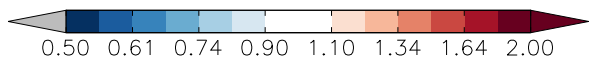
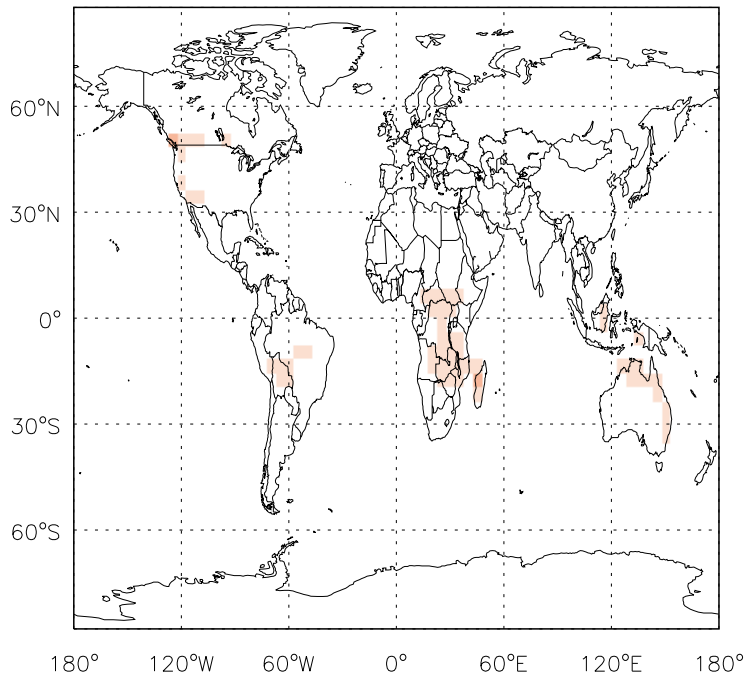
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

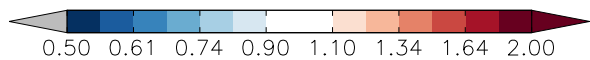
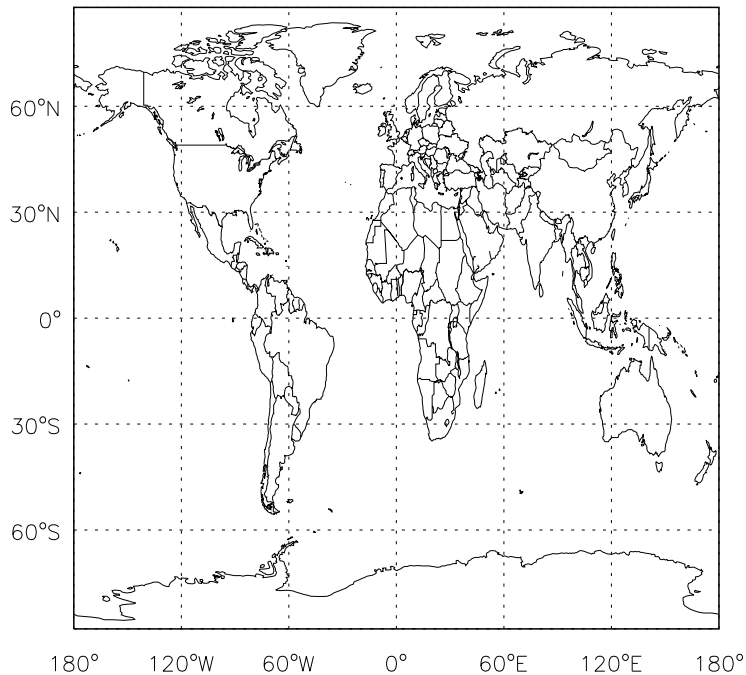
v11-01d-Run1 / v11-01b-Run0

BrO / Ratio @ Surface for Oct



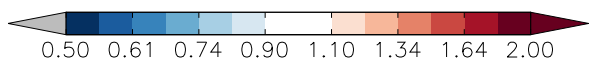
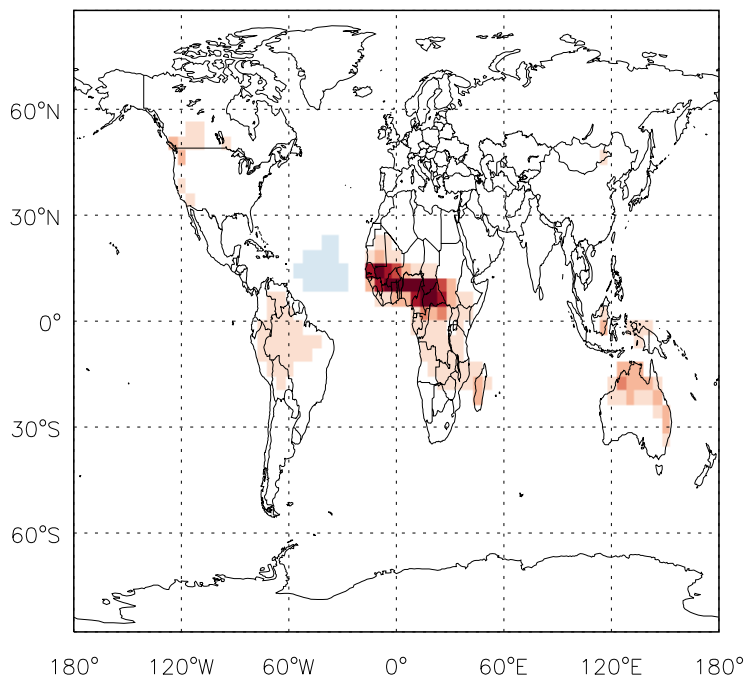
v11-01d-Run1 / v11-01b-Run0

BrO / Ratio @ 500 hPa for Oct



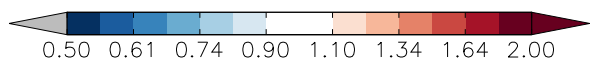
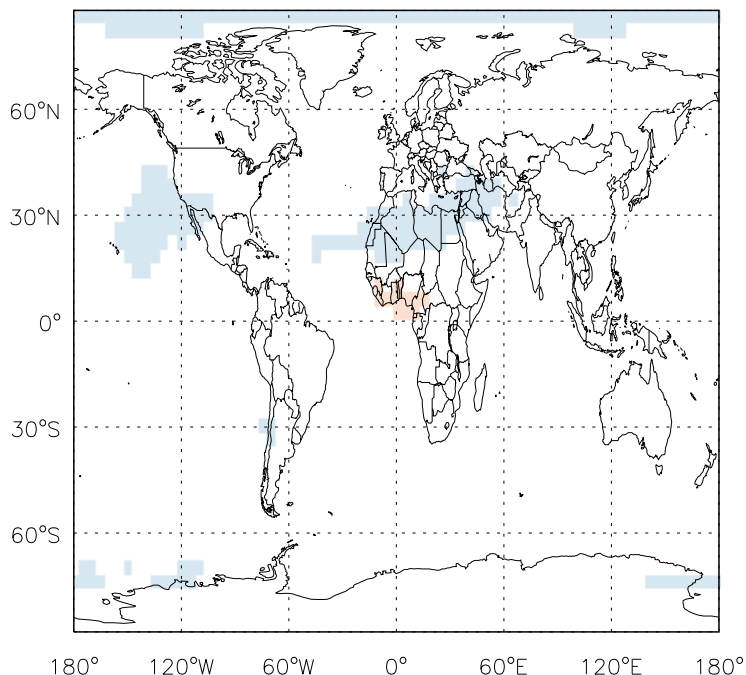
v11-01d-Run1 / v10-01-public-Run0

BrO / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

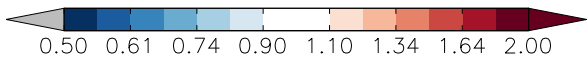
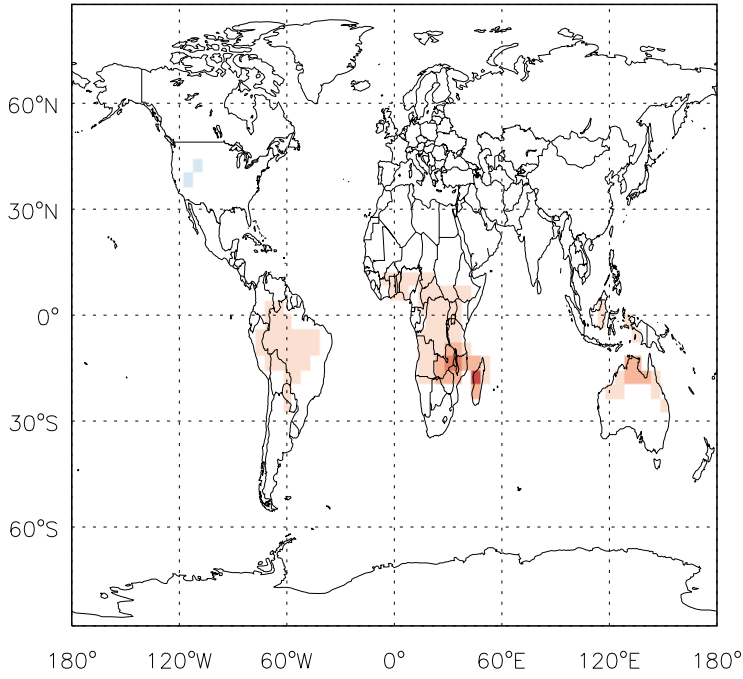
BrO / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

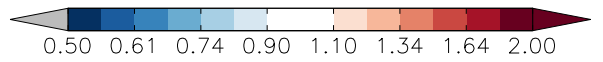
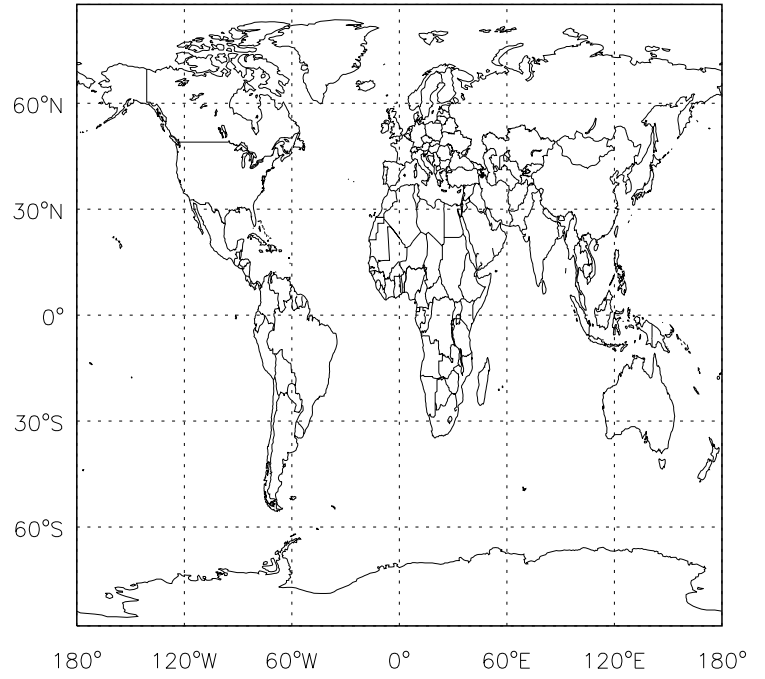
v11-01d-Run1 / v11-01b-Run0

H0Br / Ratio @ Surface for Oct



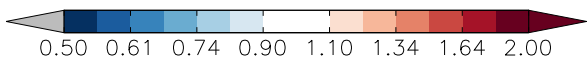
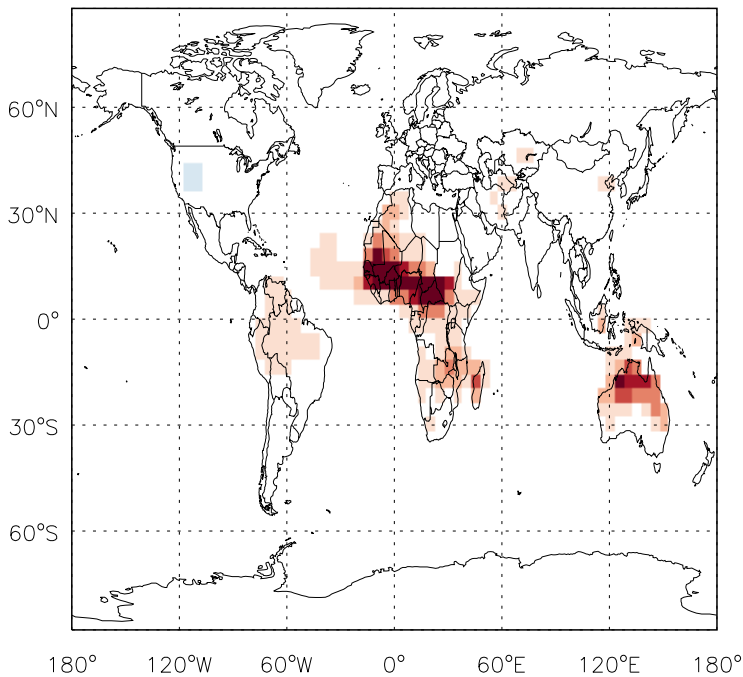
v11-01d-Run1 / v11-01b-Run0

H0Br/ Ratio @ 500 hPa for Oct



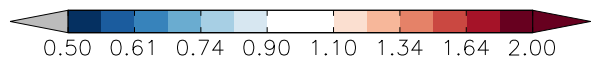
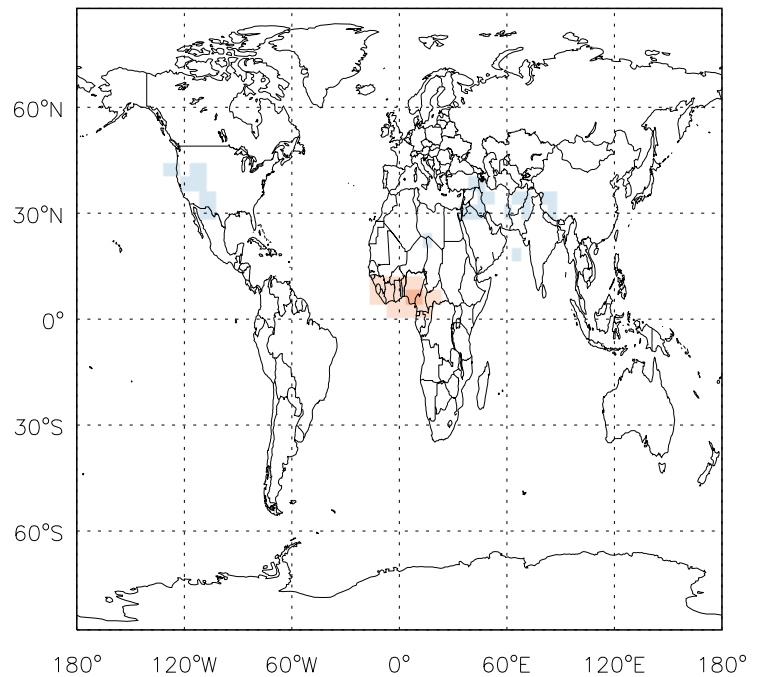
v11-01d-Run1 / v10-01-public-Run0

H0Br / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

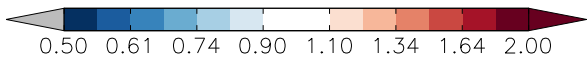
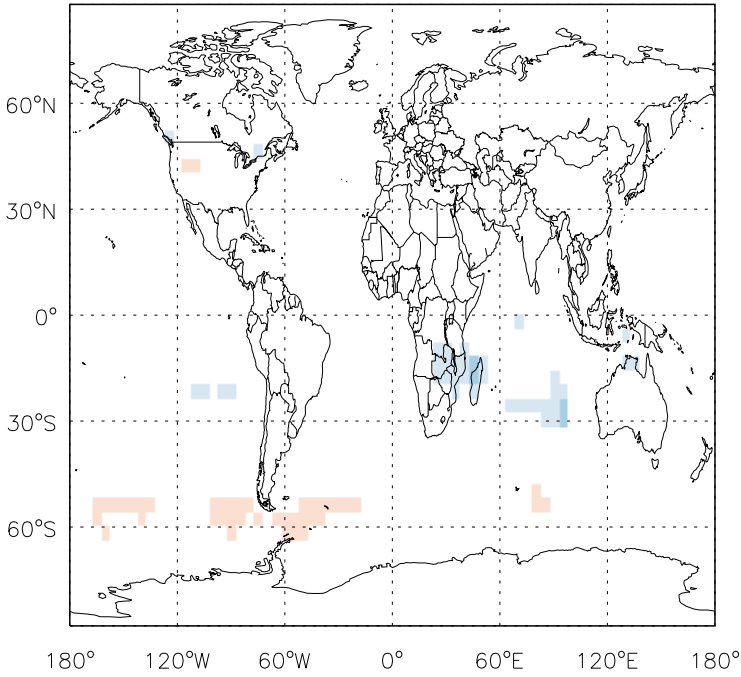
H0Br/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

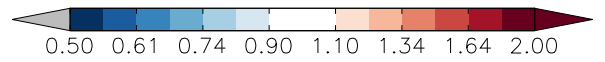
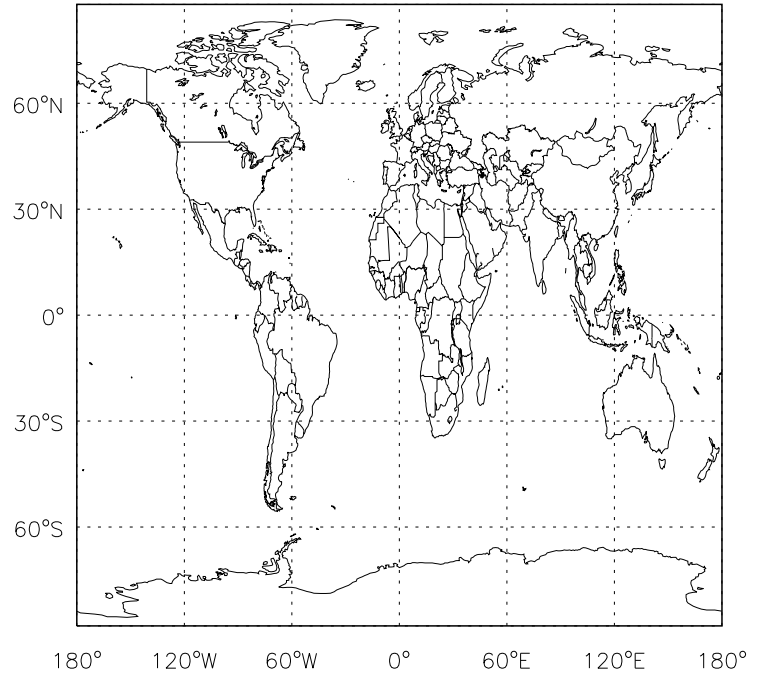
v11-01d-Run1 / v11-01b-Run0

HBr / Ratio @ Surface for Oct



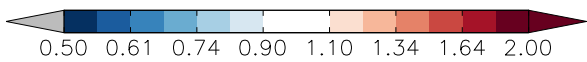
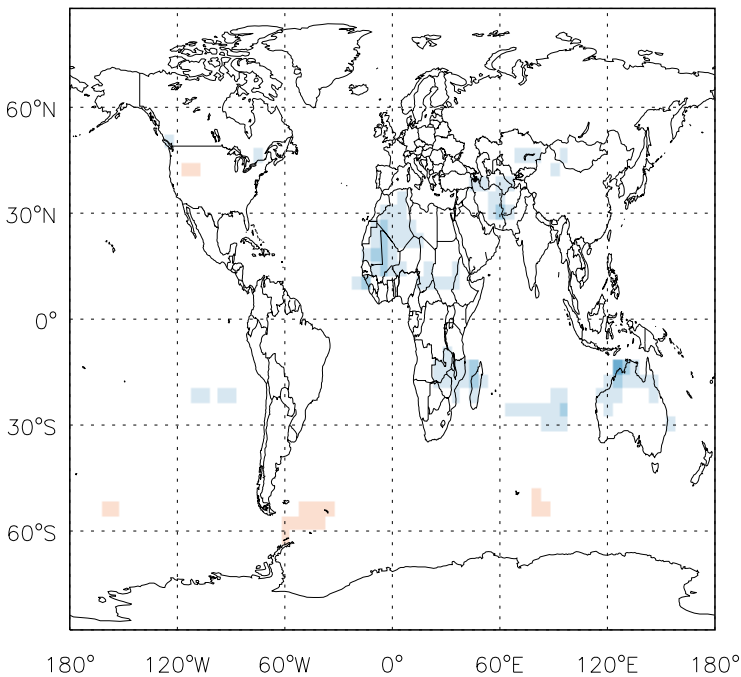
v11-01d-Run1 / v11-01b-Run0

HBr/ Ratio @ 500 hPa for Oct



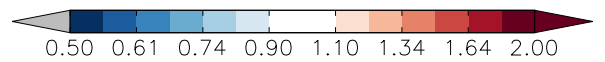
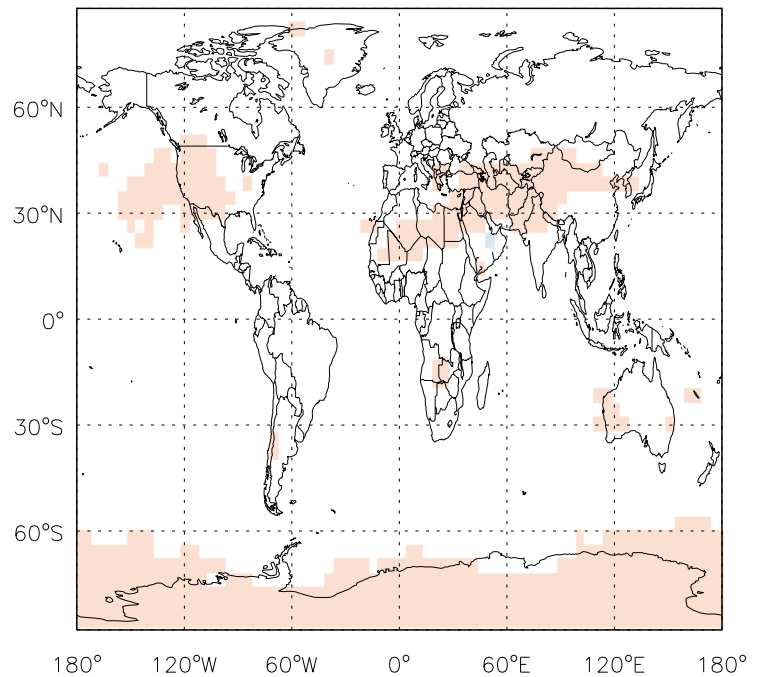
v11-01d-Run1 / v10-01-public-Run0

HBr / Ratio @ Surface for Oct



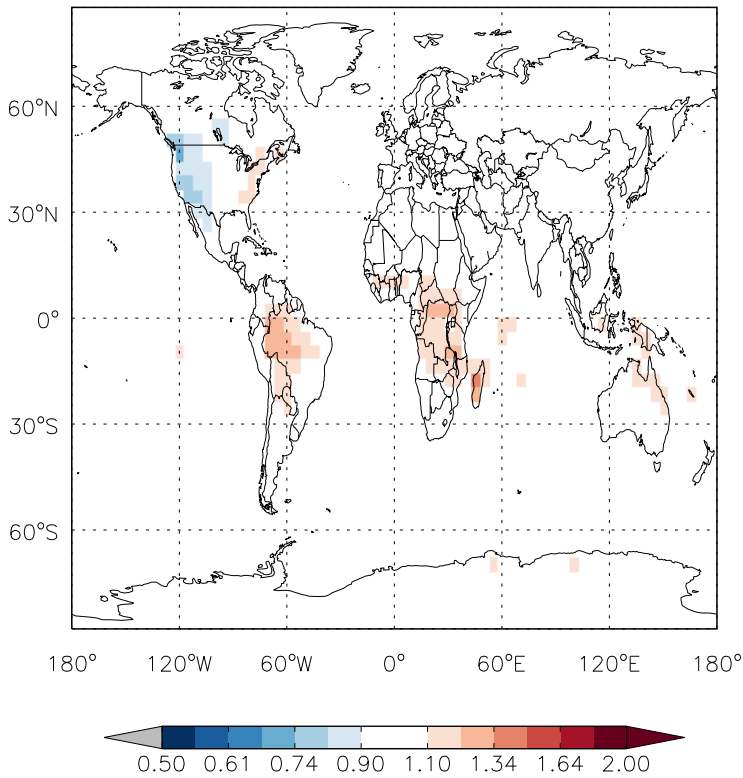
v11-01d-Run1 / v10-01-public-Run0

HBr/ Ratio @ 500 hPa for Oct

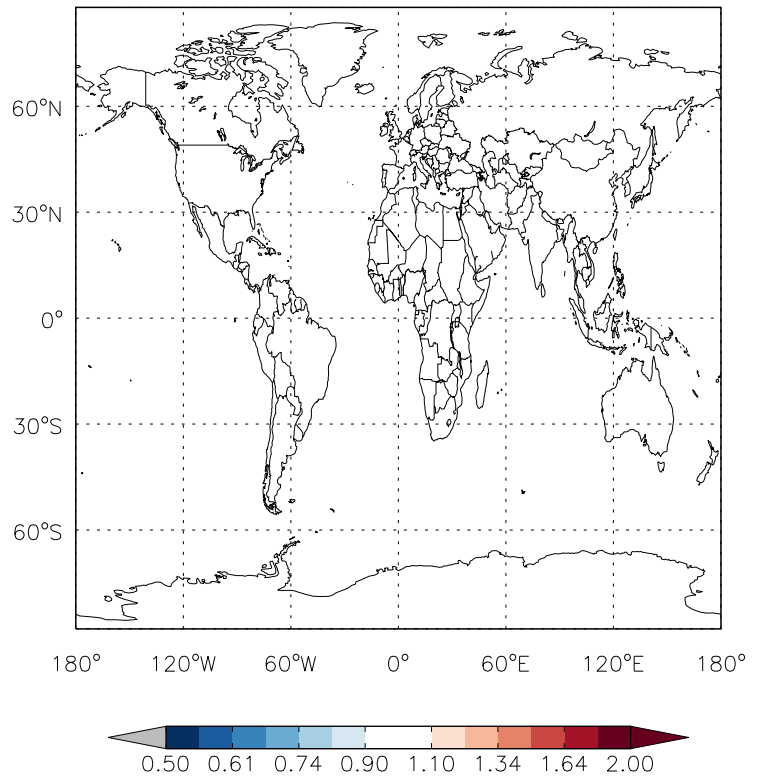


GEOS-Chem Ratio Maps at surface and 500 hPa

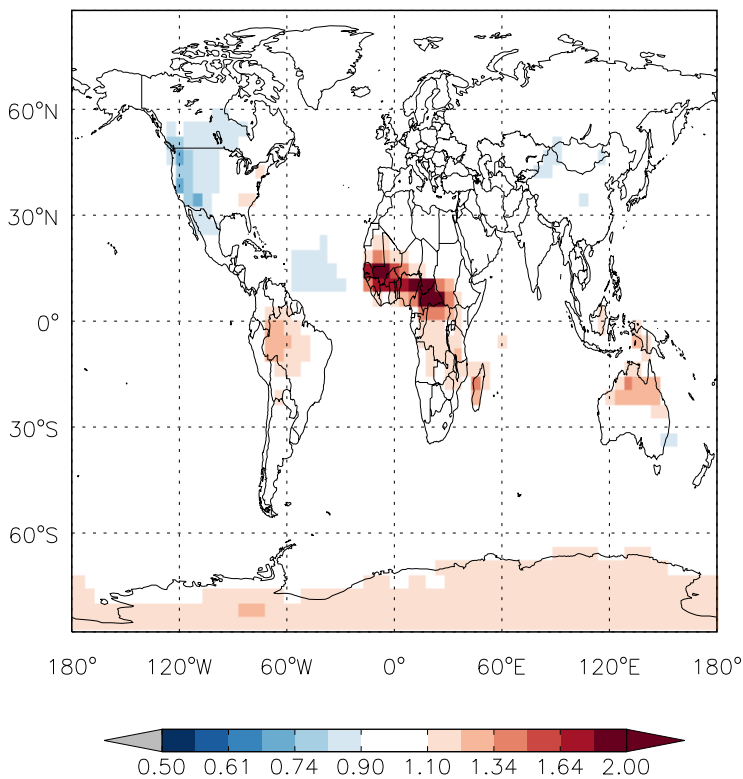
v11-01d-Run1 / v11-01b-Run0
BrNO2 / Ratio @ Surface for Oct



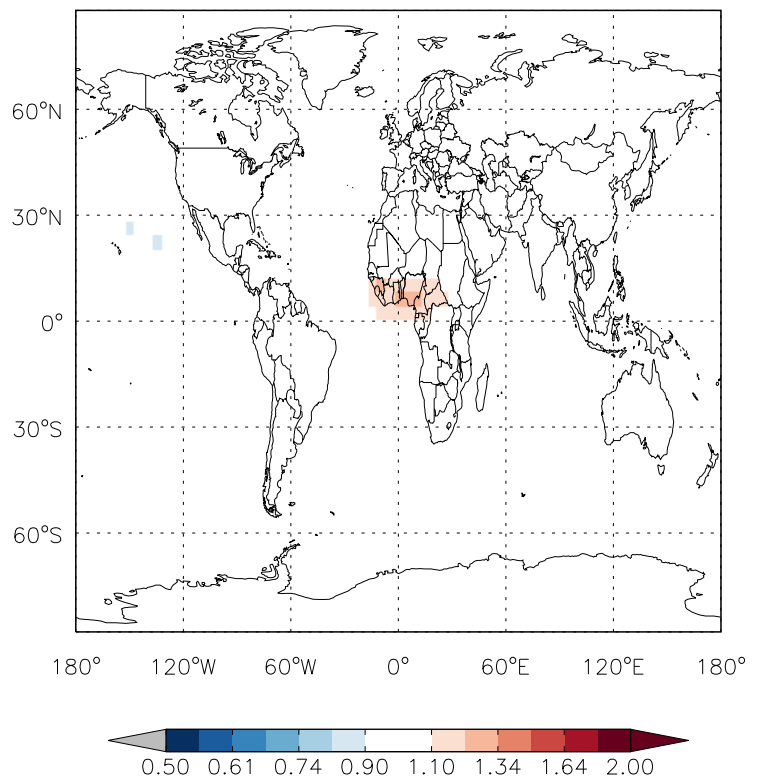
v11-01d-Run1 / v11-01b-Run0
BrNO2 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
BrNO2 / Ratio @ Surface for Oct

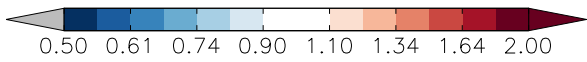
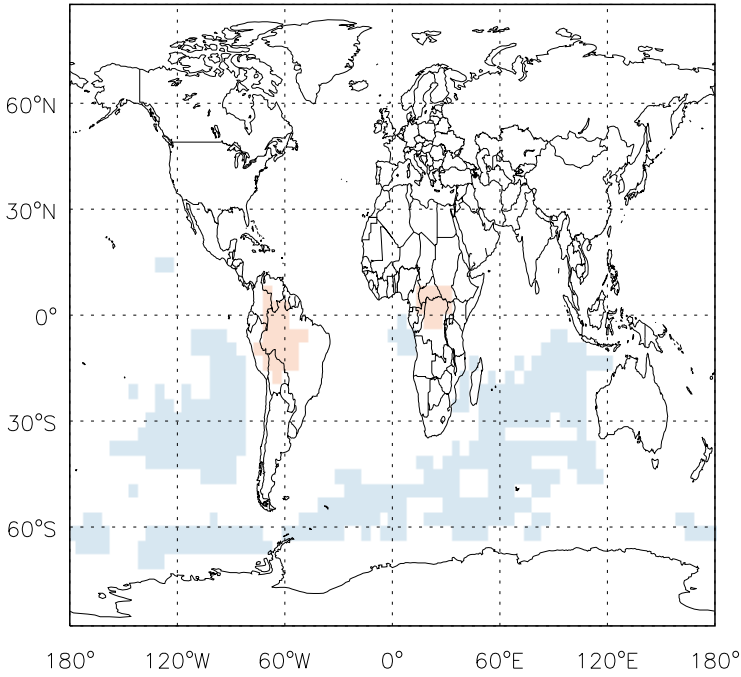


v11-01d-Run1 / v10-01-public-Run0
BrNO2 / Ratio @ 500 hPa for Oct

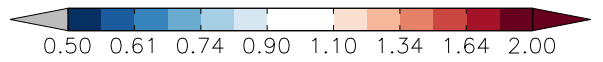
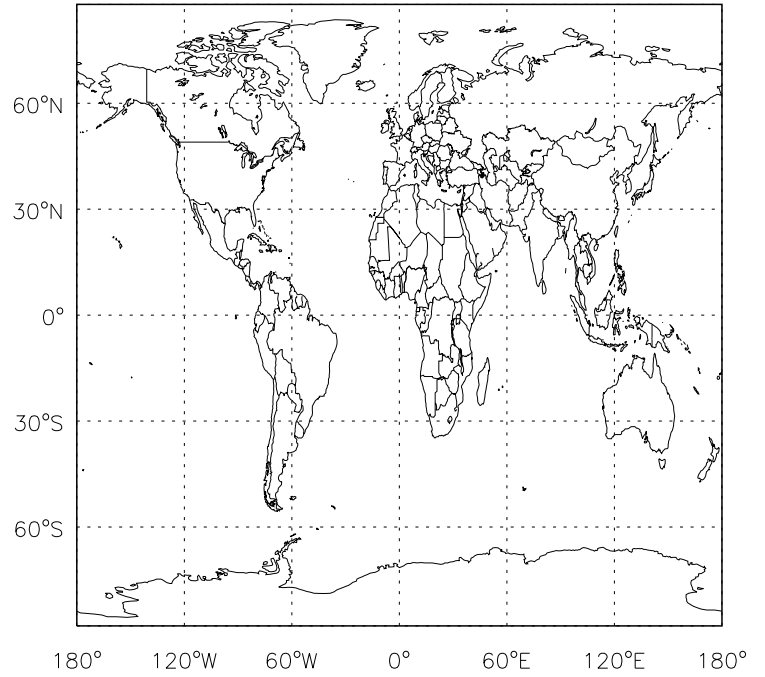


GEOS-Chem Ratio Maps at surface and 500 hPa

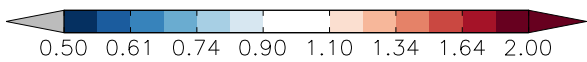
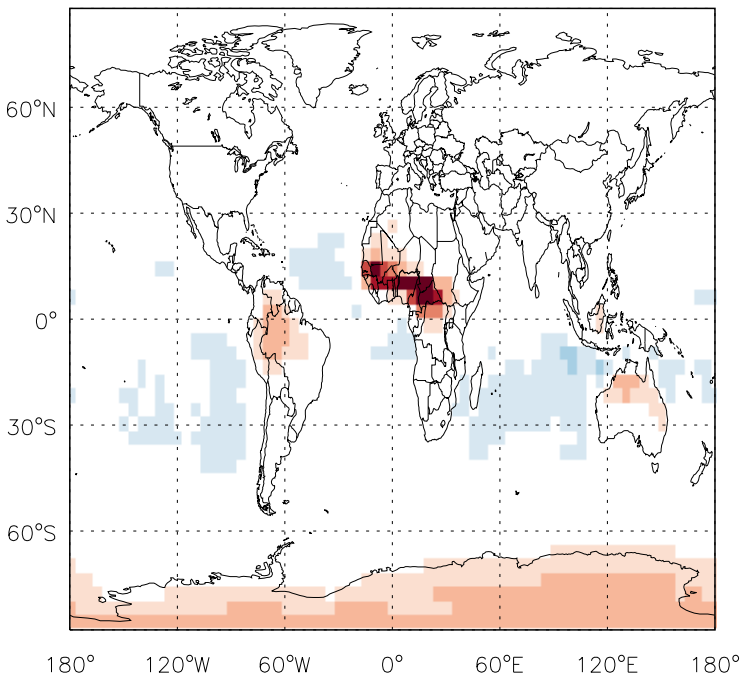
v11-01d-Run1 / v11-01b-Run0
BrNO3 / Ratio @ Surface for Oct



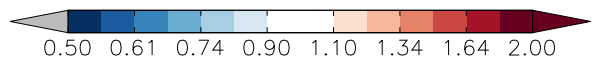
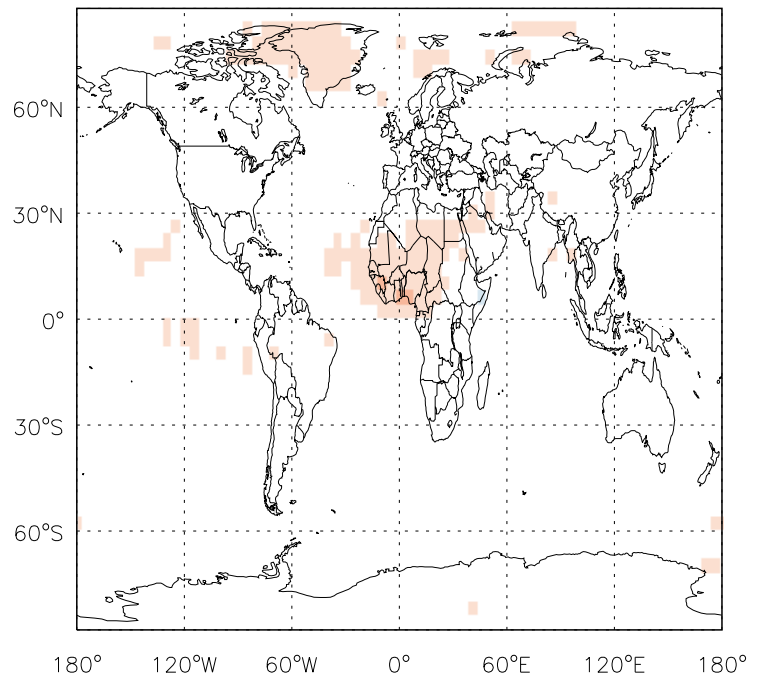
v11-01d-Run1 / v11-01b-Run0
BrNO3/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
BrNO3 / Ratio @ Surface for Oct



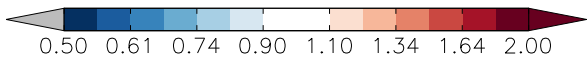
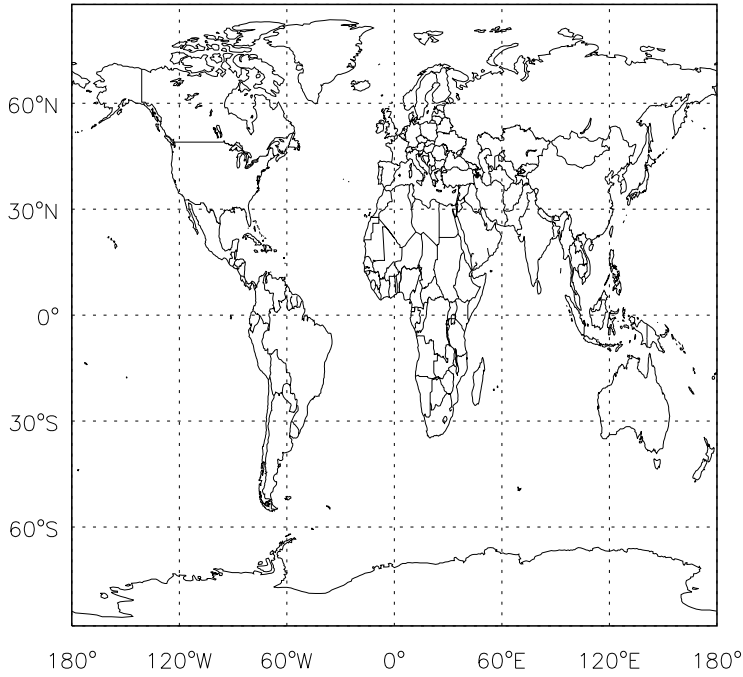
v11-01d-Run1 / v10-01-public-Run0
BrNO3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

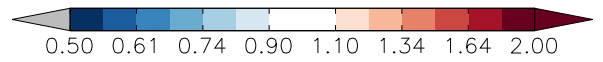
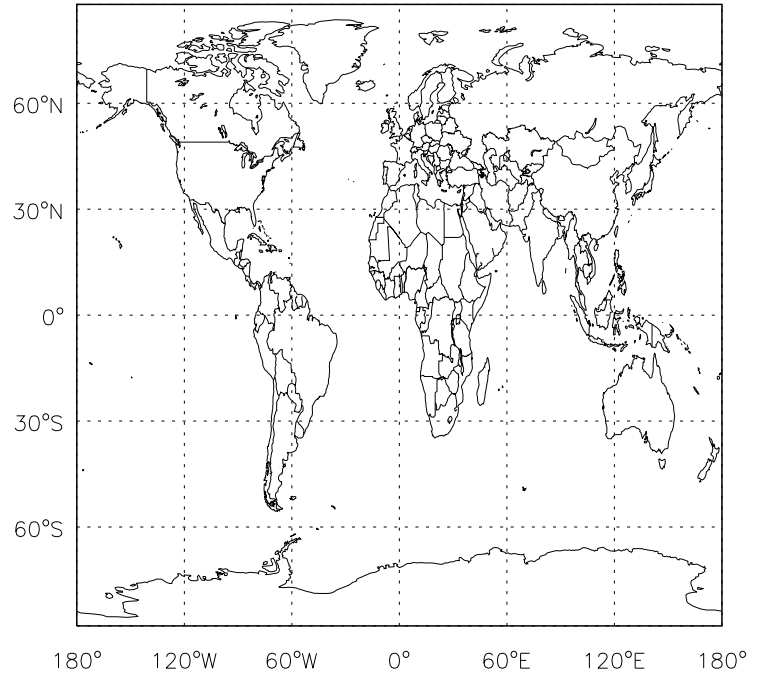
v11-01d-Run1 / v11-01b-Run0

CHBr₃ / Ratio @ Surface for Oct



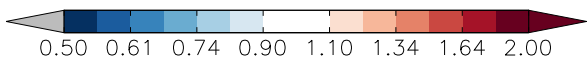
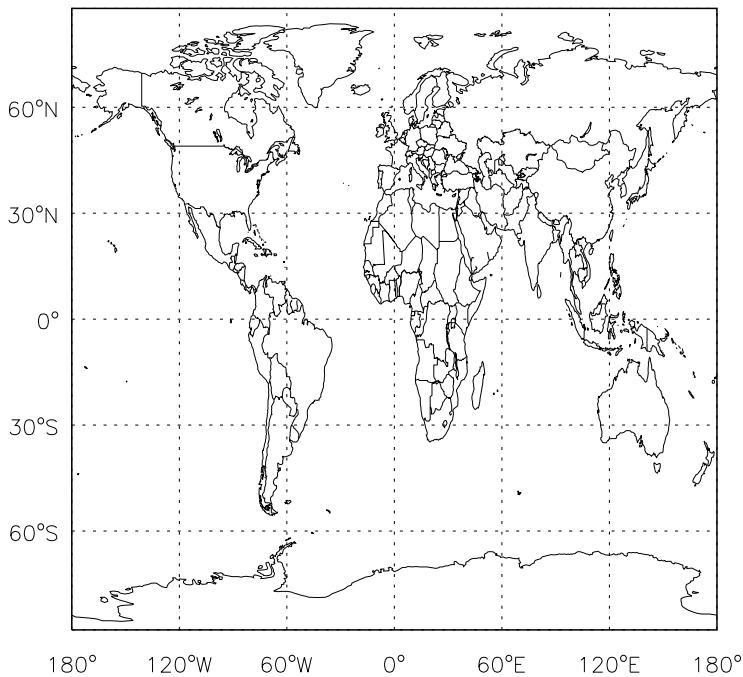
v11-01d-Run1 / v11-01b-Run0

CHBr₃/ Ratio @ 500 hPa for Oct



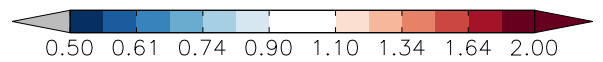
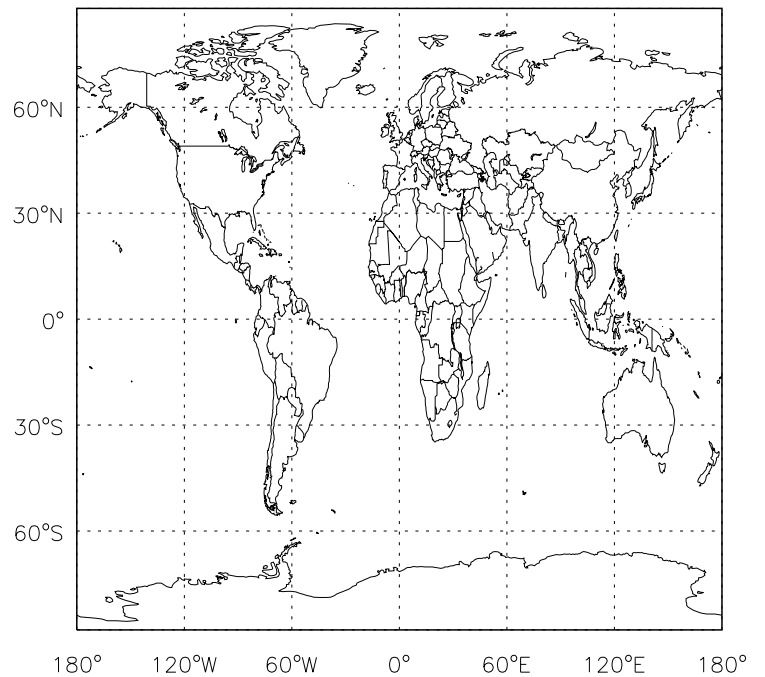
v11-01d-Run1 / v10-01-public-Run0

CHBr₃ / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

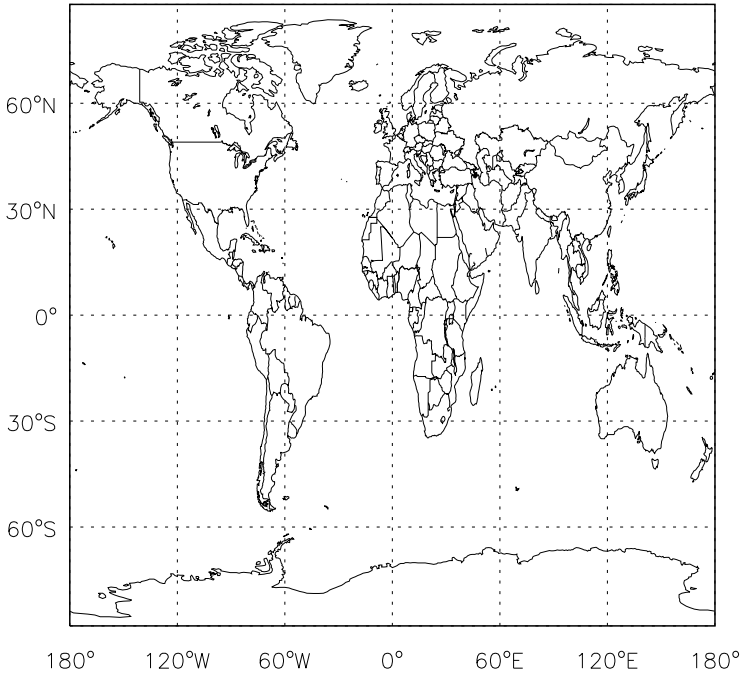
CHBr₃/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

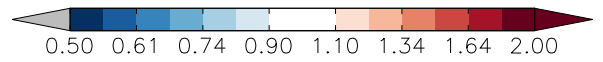
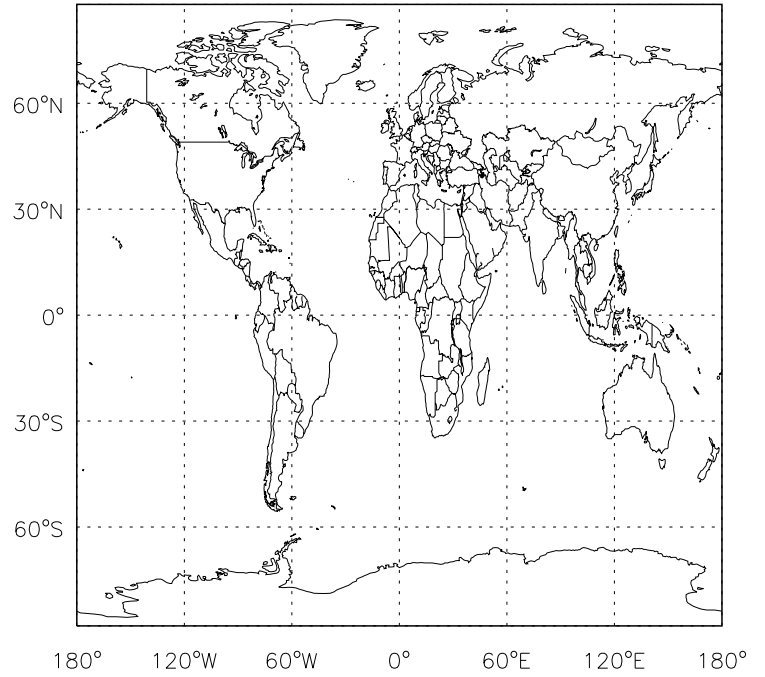
v11-01d-Run1 / v11-01b-Run0

CH₂Br₂ / Ratio @ Surface for Oct



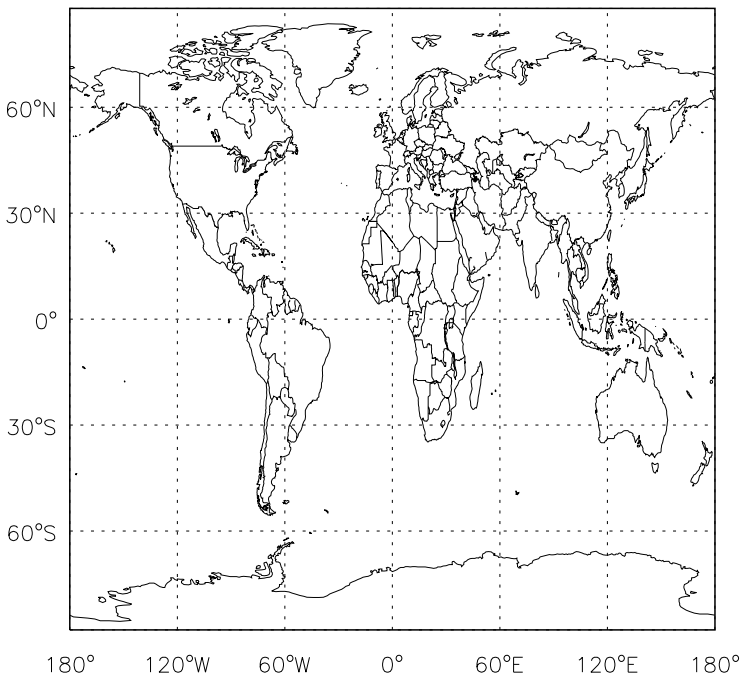
v11-01d-Run1 / v11-01b-Run0

CH₂Br₂ / Ratio @ 500 hPa for Oct



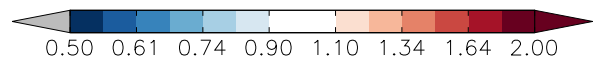
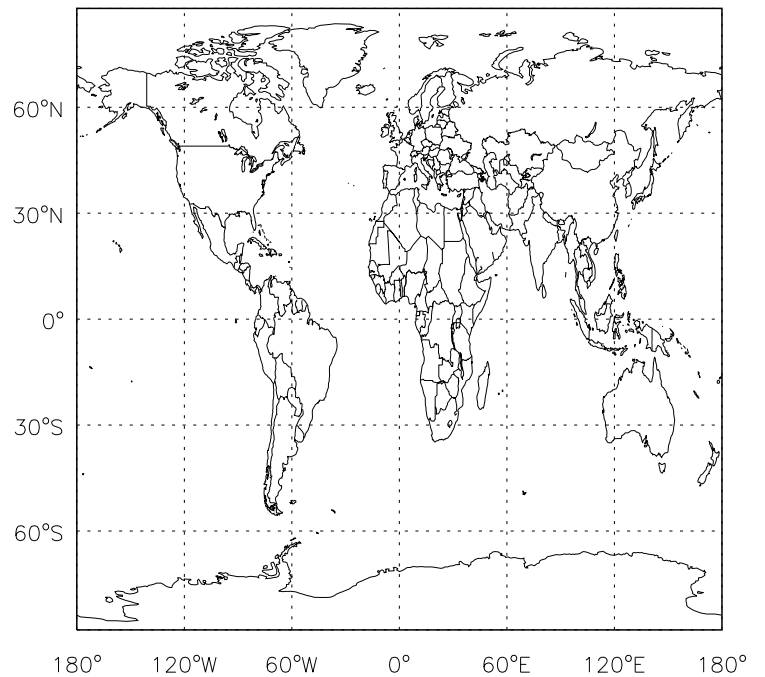
v11-01d-Run1 / v10-01-public-Run0

CH₂Br₂ / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

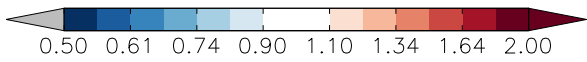
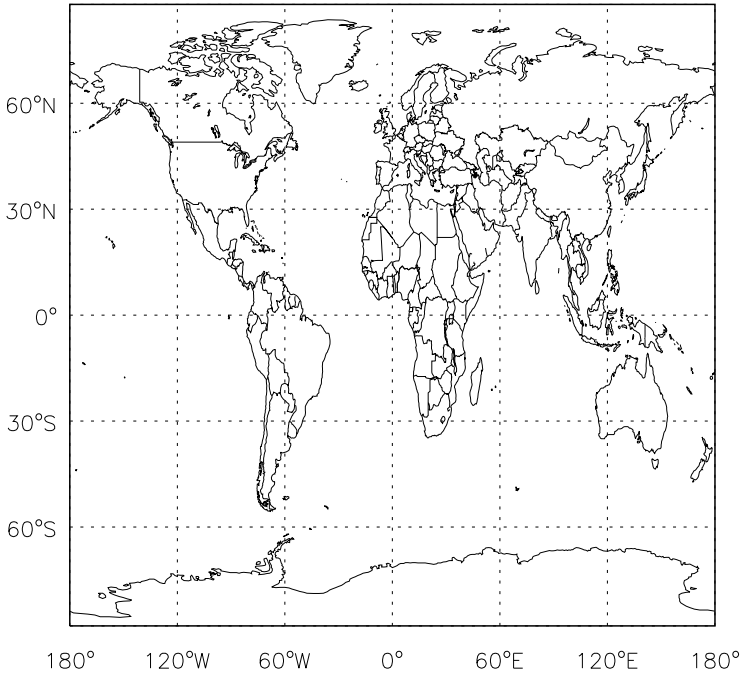
CH₂Br₂ / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

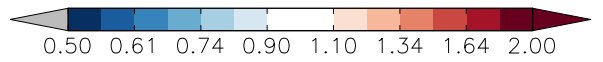
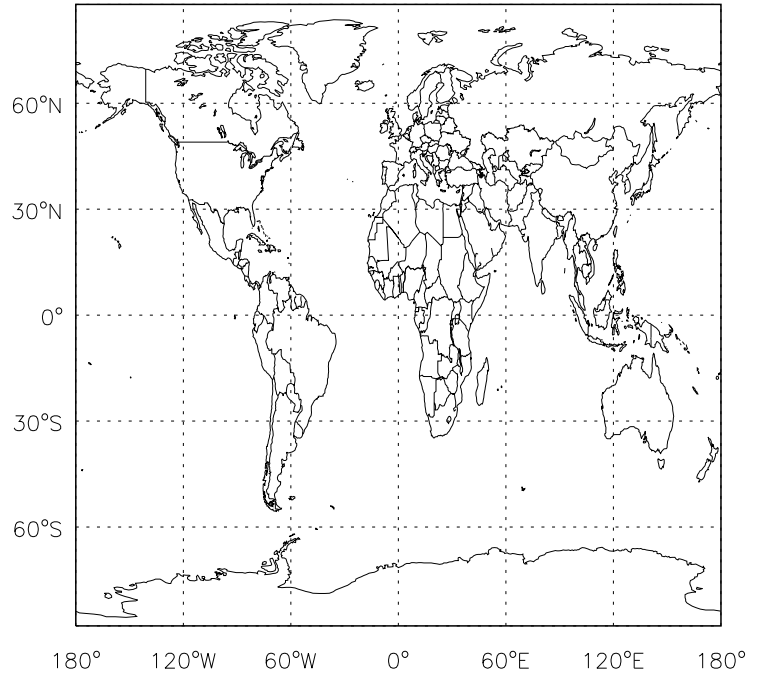
v11-01d-Run1 / v11-01b-Run0

CH3Br / Ratio @ Surface for Oct



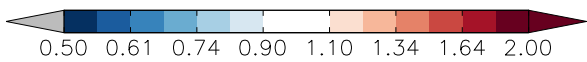
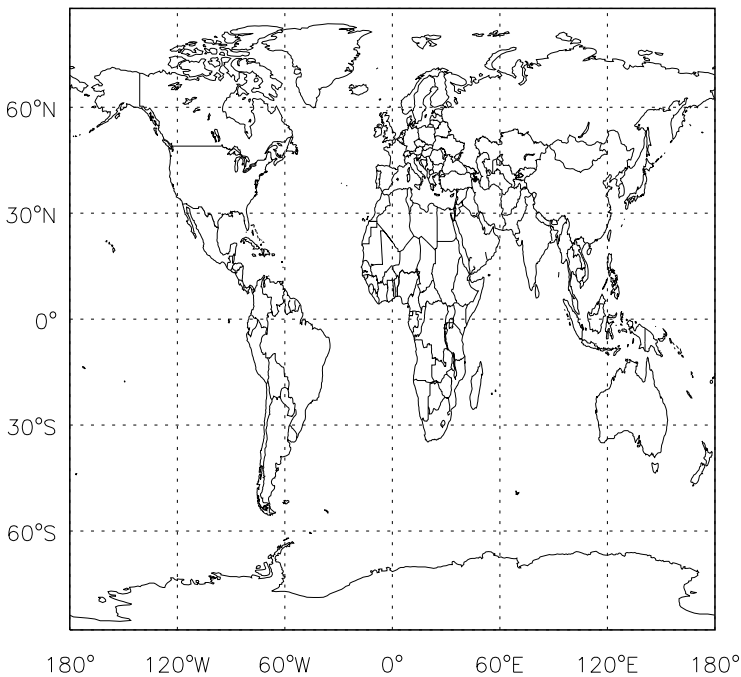
v11-01d-Run1 / v11-01b-Run0

CH3Br/ Ratio @ 500 hPa for Oct



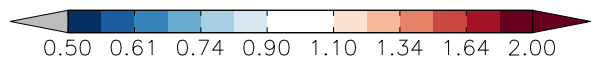
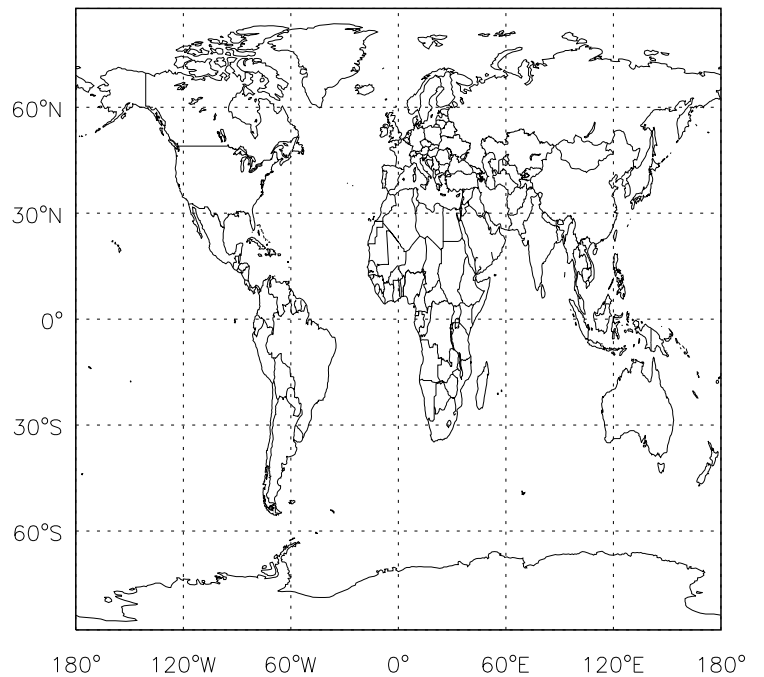
v11-01d-Run1 / v10-01-public-Run0

CH3Br / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

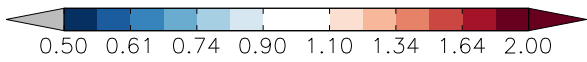
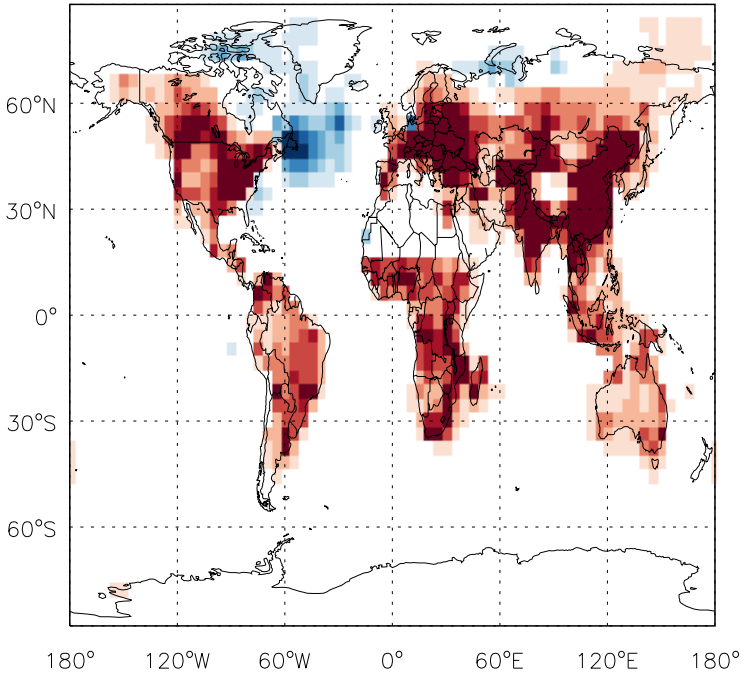
CH3Br/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

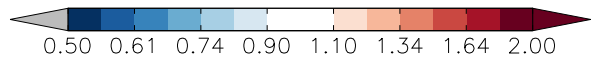
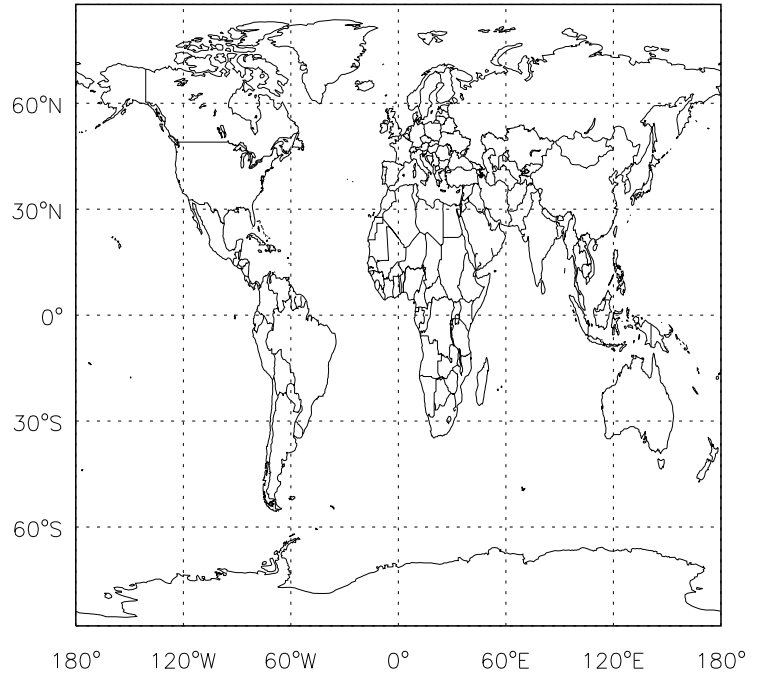
v11-01d-Run1 / v11-01b-Run0

MPN / Ratio @ Surface for Oct



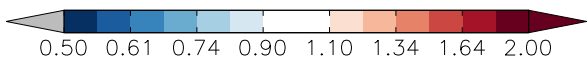
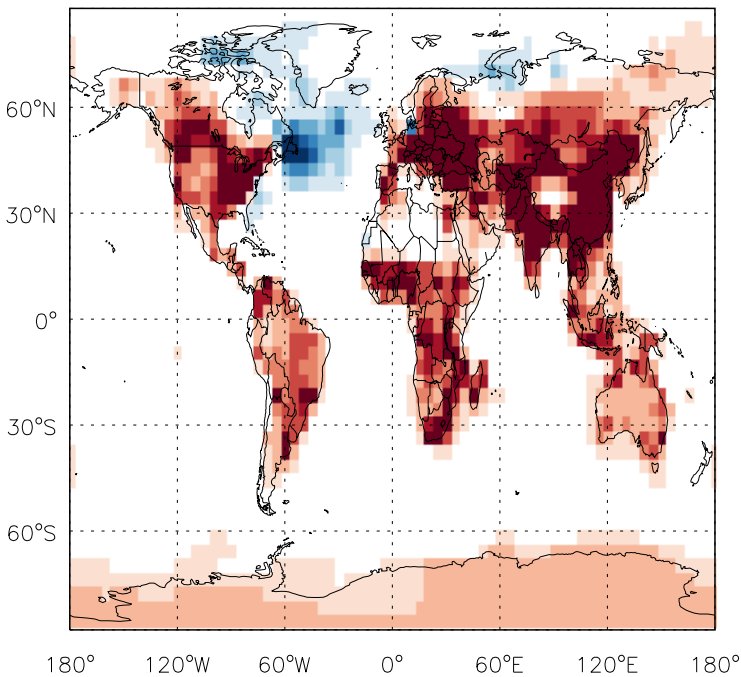
v11-01d-Run1 / v11-01b-Run0

MPN/ Ratio @ 500 hPa for Oct



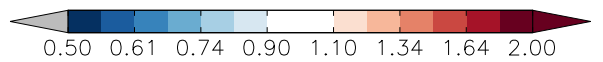
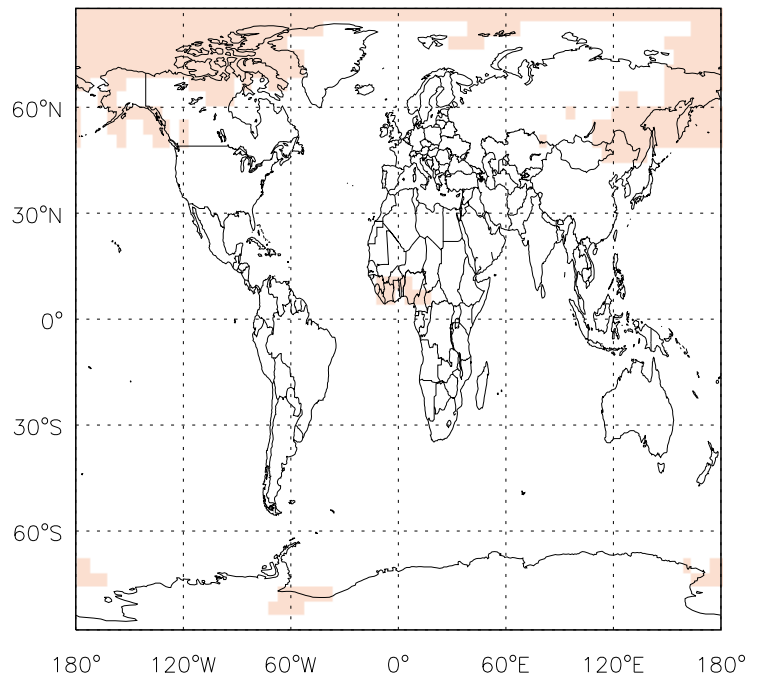
v11-01d-Run1 / v10-01-public-Run0

MPN / Ratio @ Surface for Oct



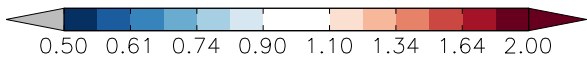
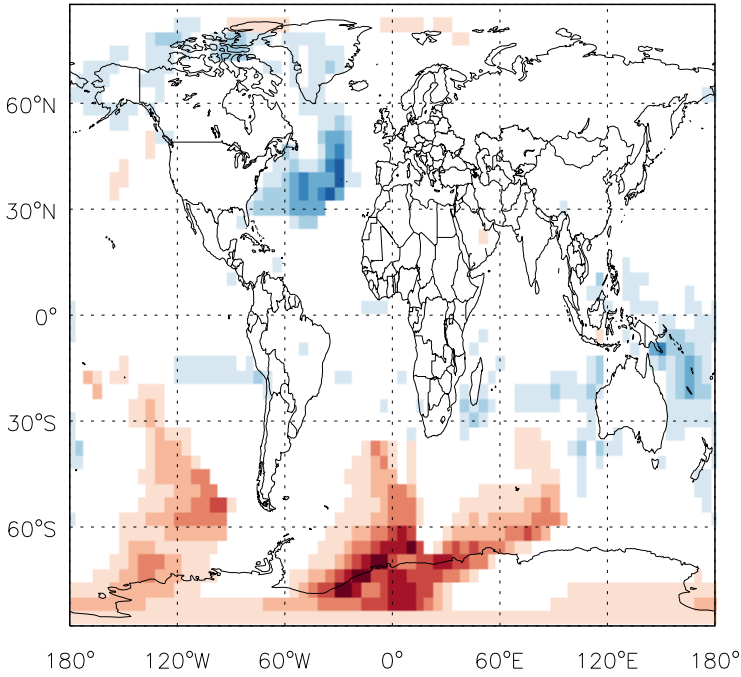
v11-01d-Run1 / v10-01-public-Run0

MPN/ Ratio @ 500 hPa for Oct

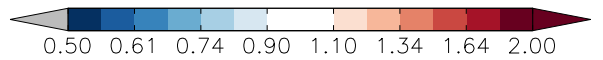
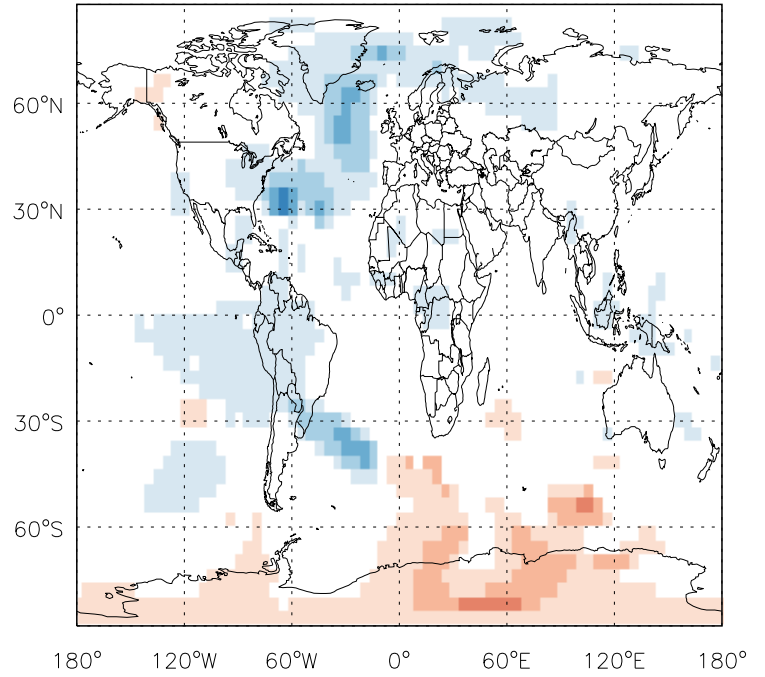


GEOS-Chem Ratio Maps at surface and 500 hPa

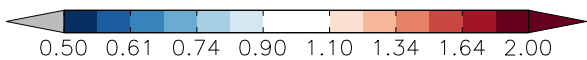
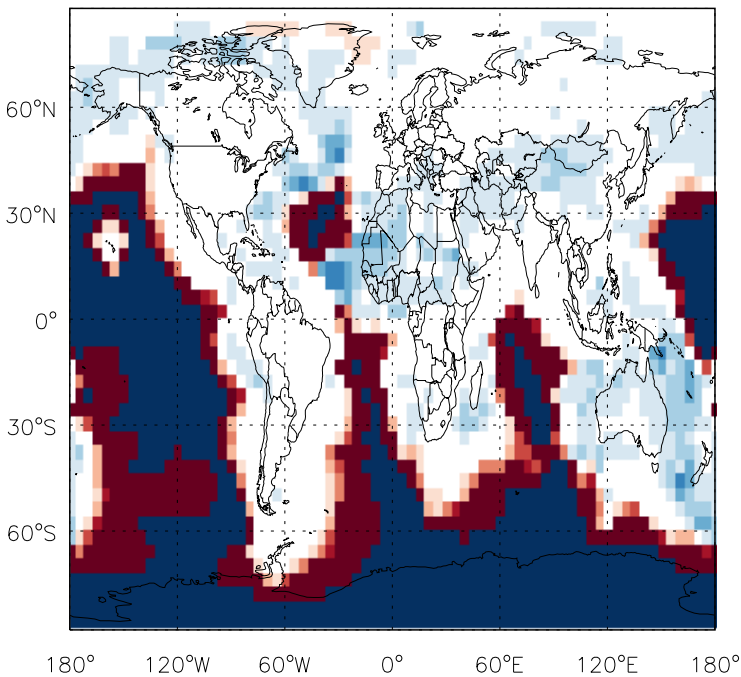
v11-01d-Run1 / v11-01b-Run0
ISOPN / Ratio @ Surface for Oct



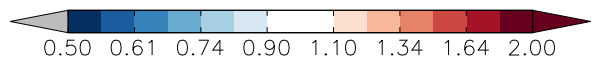
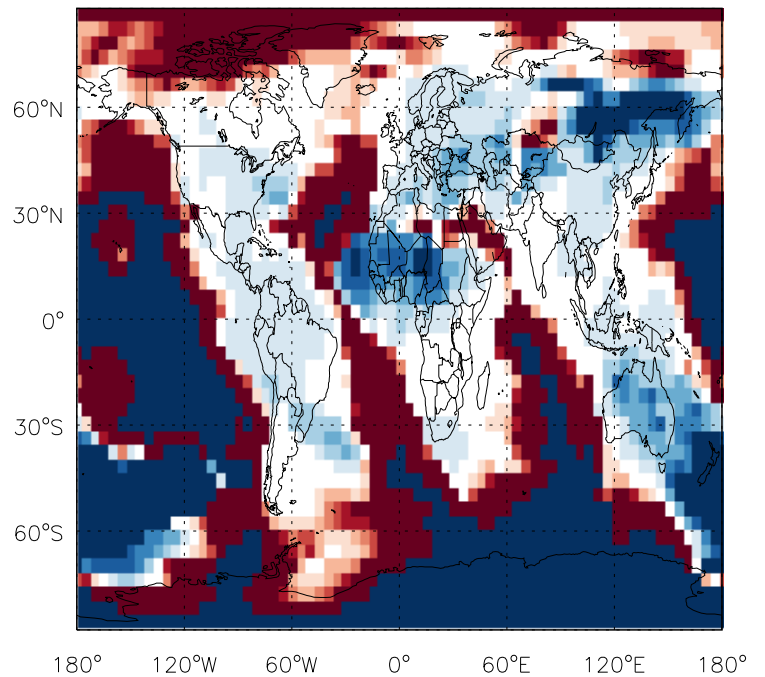
v11-01d-Run1 / v11-01b-Run0
ISOPN/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
ISOPN / Ratio @ Surface for Oct

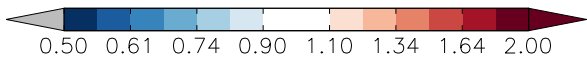
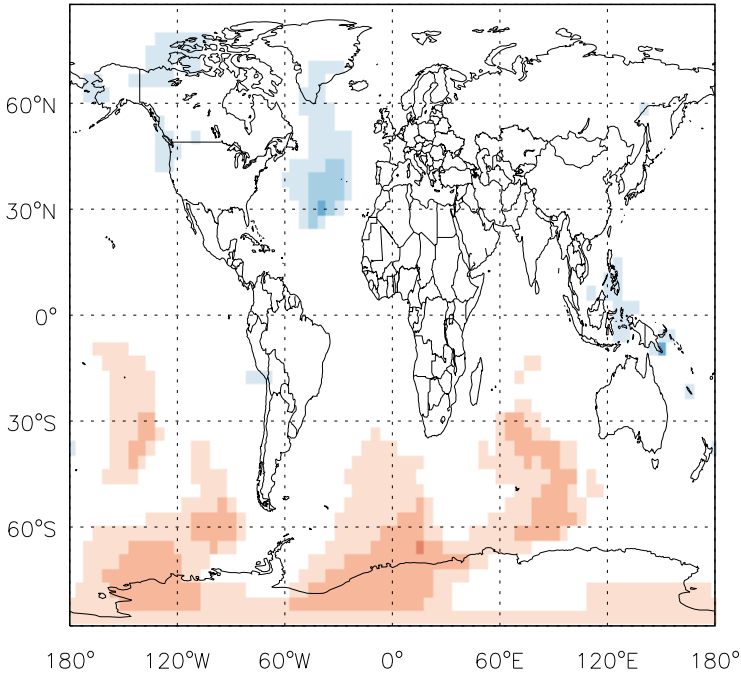


v11-01d-Run1 / v10-01-public-Run0
ISOPN/ Ratio @ 500 hPa for Oct

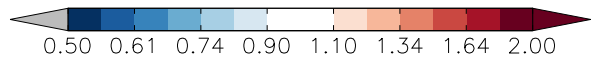
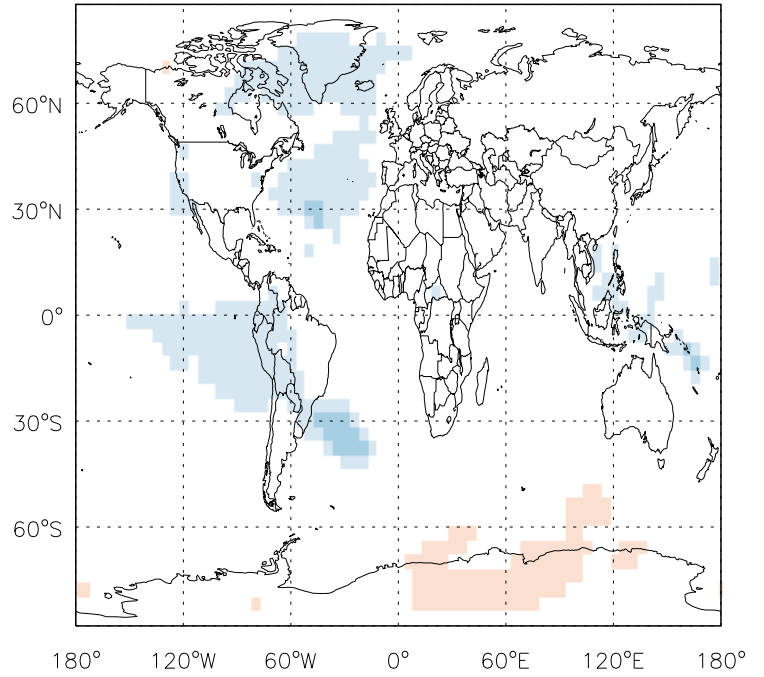


GEOS-Chem Ratio Maps at surface and 500 hPa

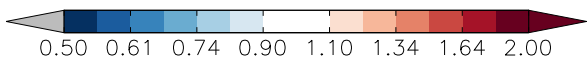
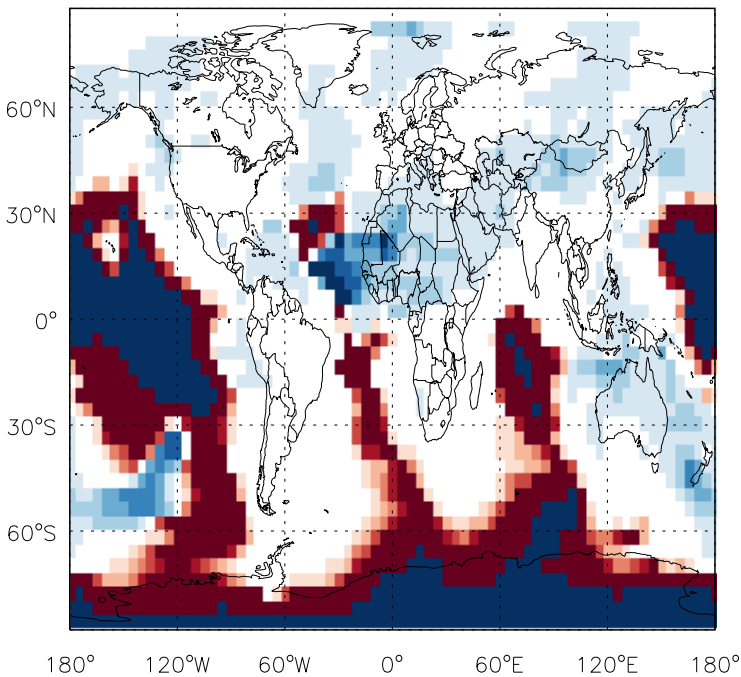
v11-01d-Run1 / v11-01b-Run0
MOBA / Ratio @ Surface for Oct



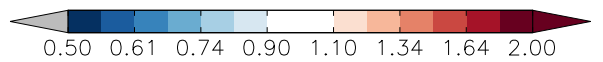
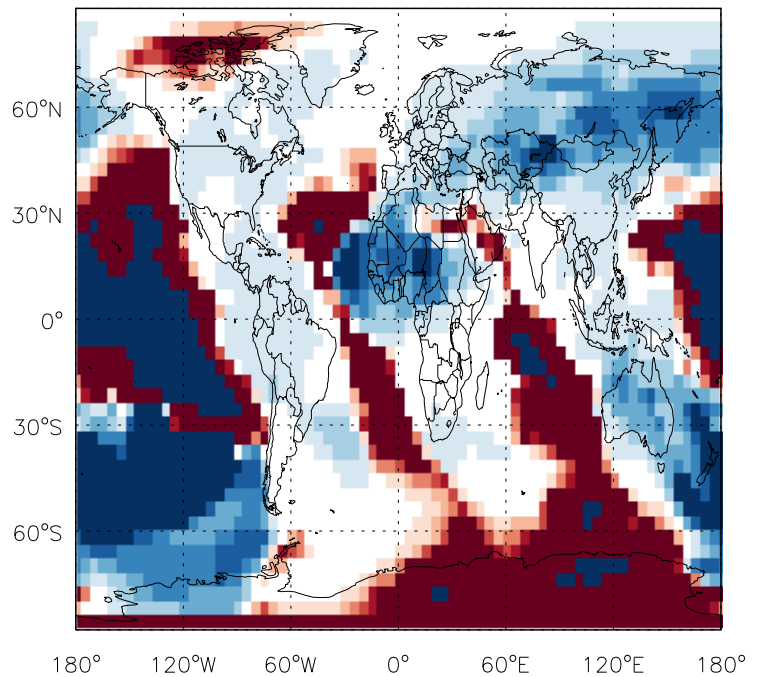
v11-01d-Run1 / v11-01b-Run0
MOBA/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
MOBA / Ratio @ Surface for Oct



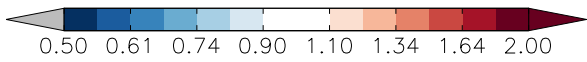
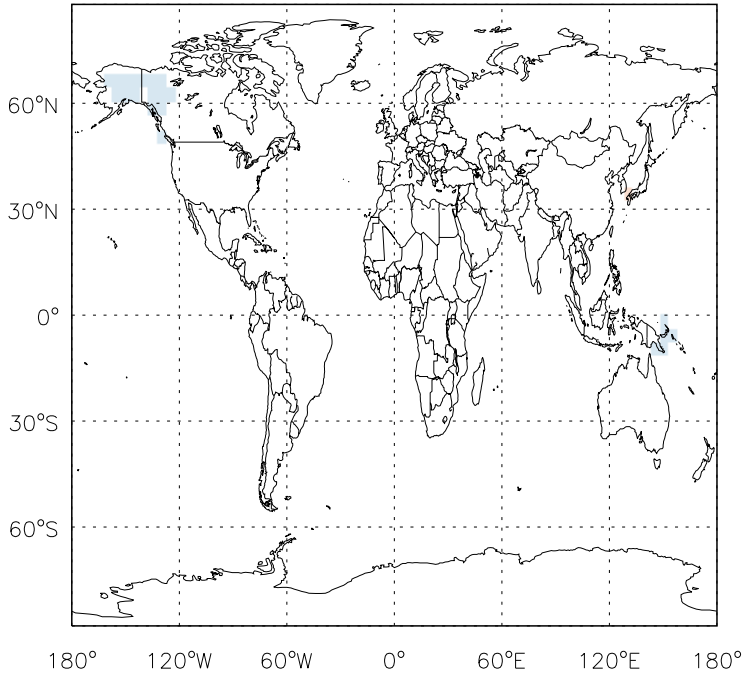
v11-01d-Run1 / v10-01-public-Run0
MOBA/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

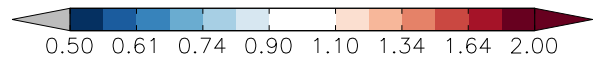
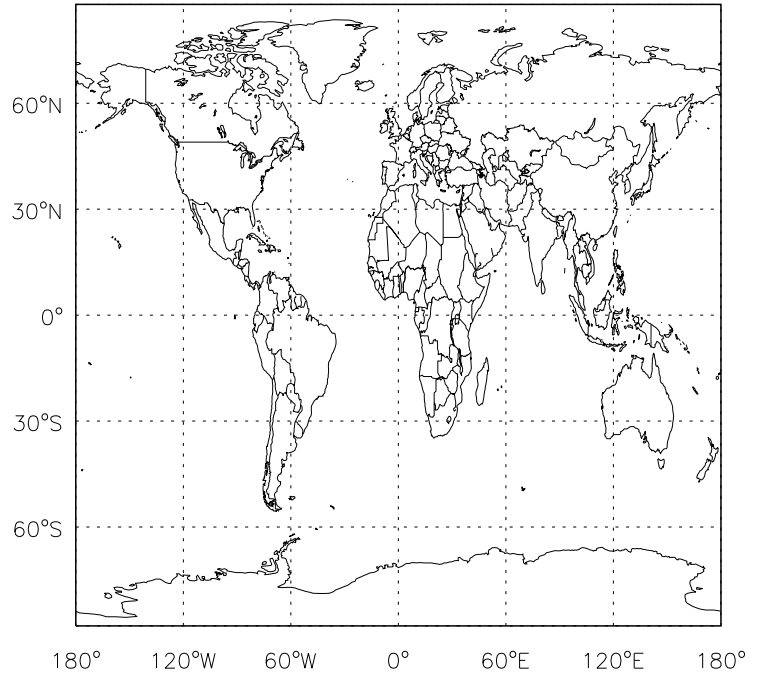
v11-01d-Run1 / v11-01b-Run0

PROPNN / Ratio @ Surface for Oct



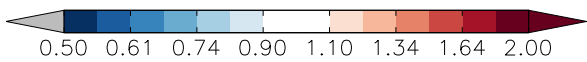
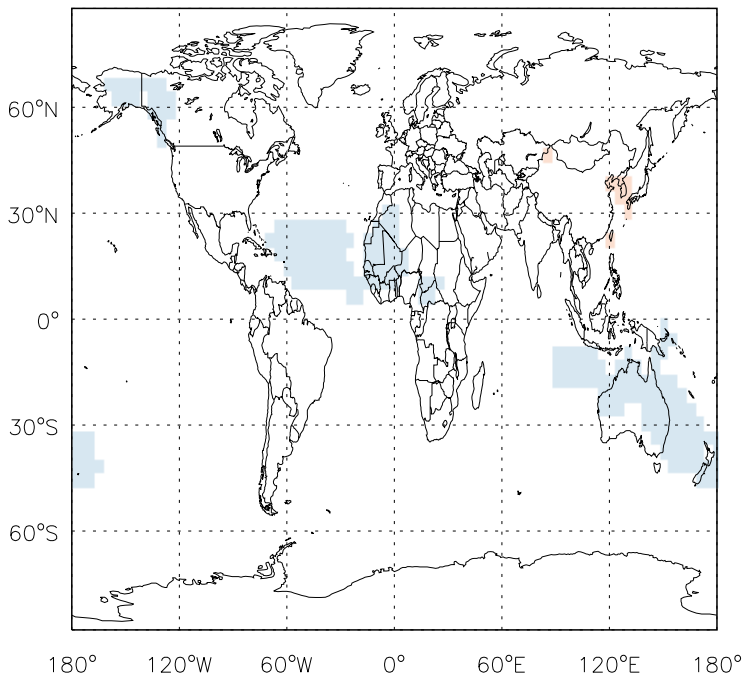
v11-01d-Run1 / v11-01b-Run0

PROPNN/ Ratio @ 500 hPa for Oct



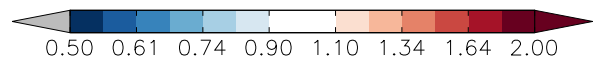
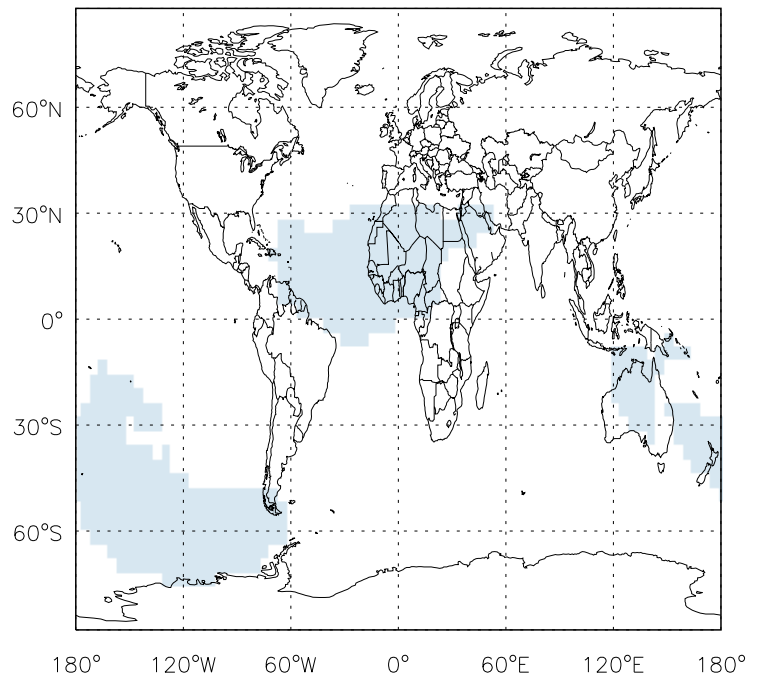
v11-01d-Run1 / v10-01-public-Run0

PROPNN / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

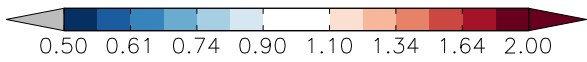
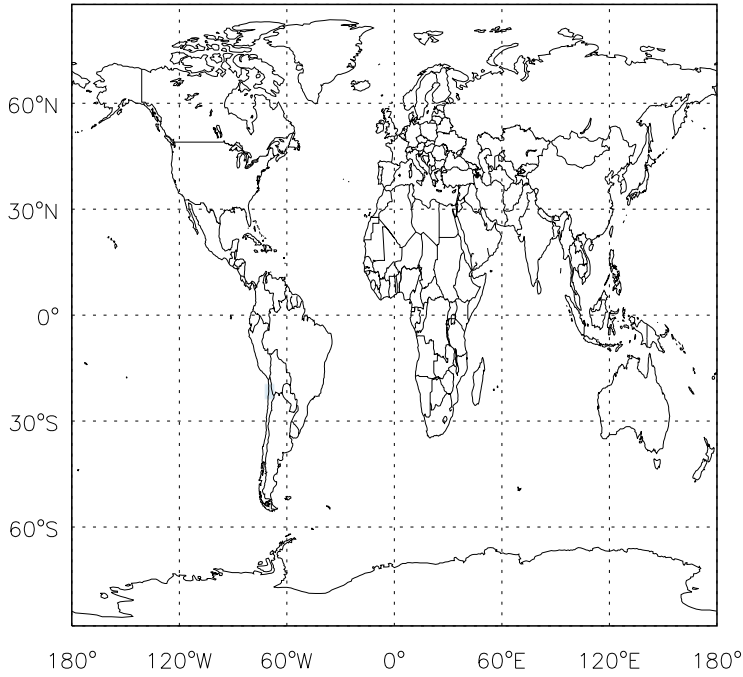
PROPNN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

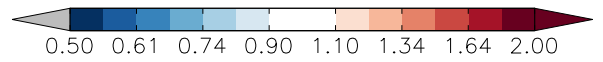
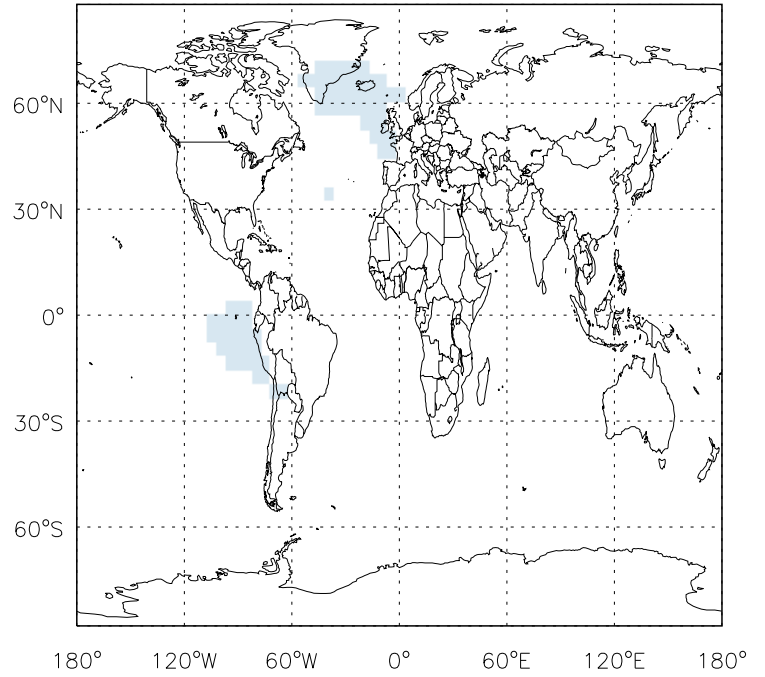
v11-01d-Run1 / v11-01b-Run0

HAC / Ratio @ Surface for Oct



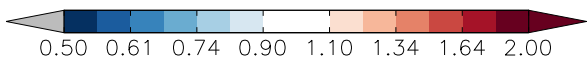
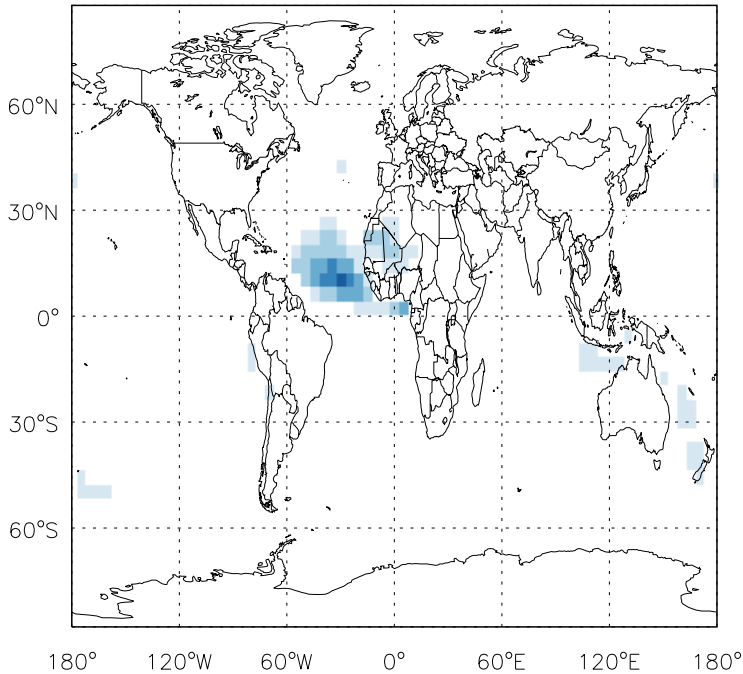
v11-01d-Run1 / v11-01b-Run0

HAC / Ratio @ 500 hPa for Oct



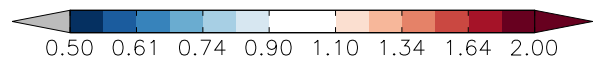
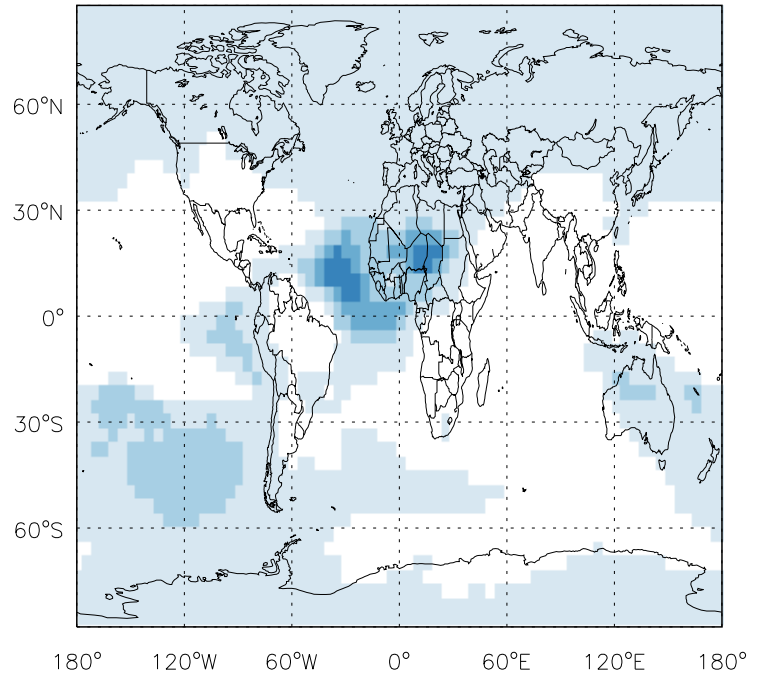
v11-01d-Run1 / v10-01-public-Run0

HAC / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

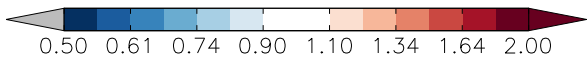
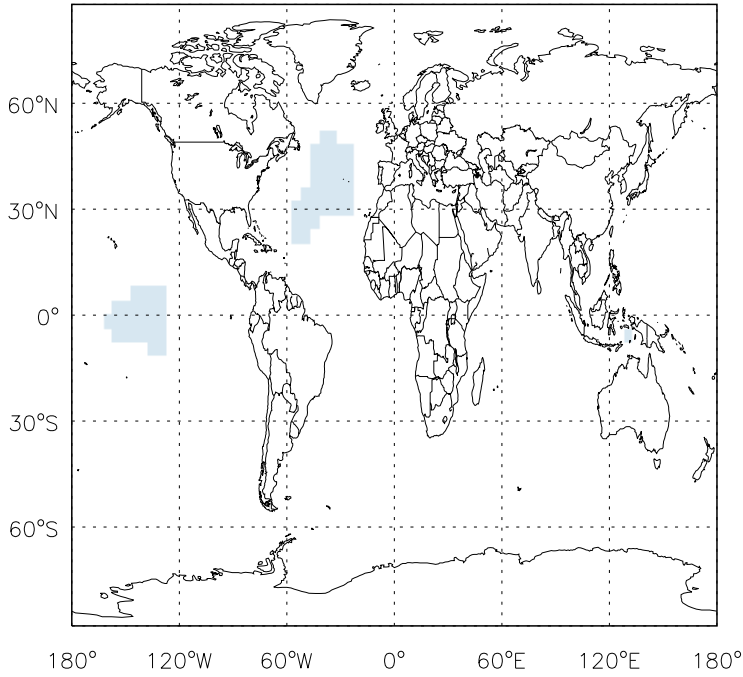
HAC / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

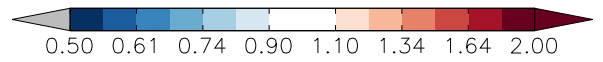
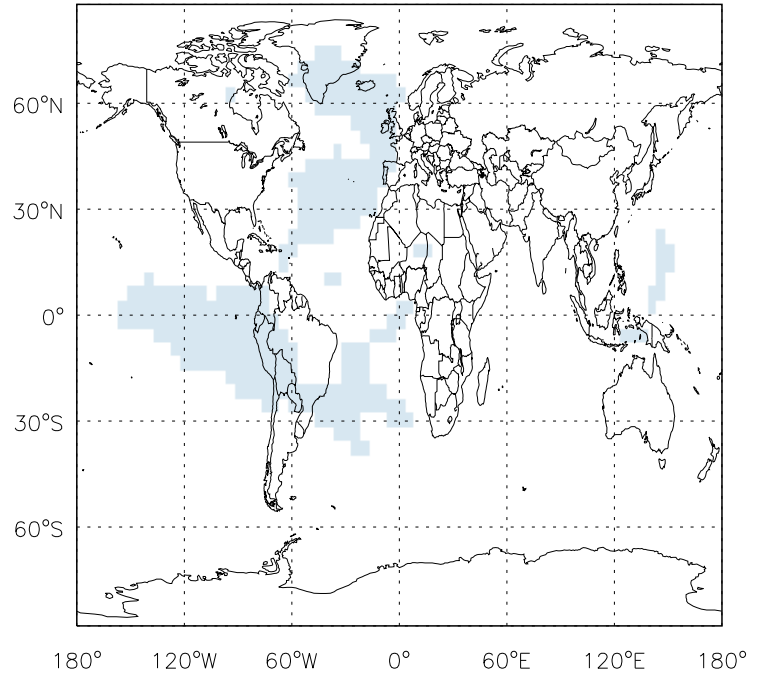
v11-01d-Run1 / v11-01b-Run0

GLYC / Ratio @ Surface for Oct



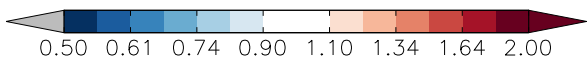
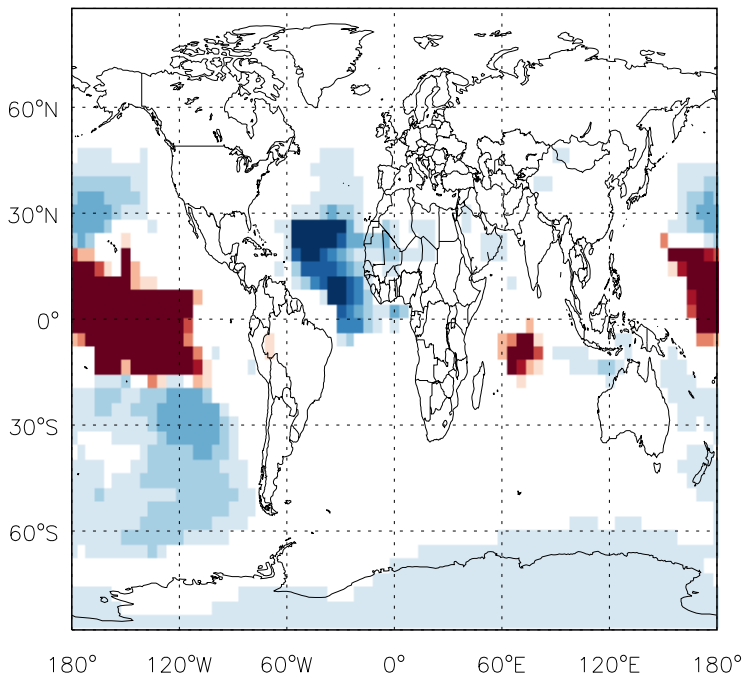
v11-01d-Run1 / v11-01b-Run0

GLYC/ Ratio @ 500 hPa for Oct



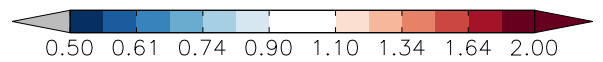
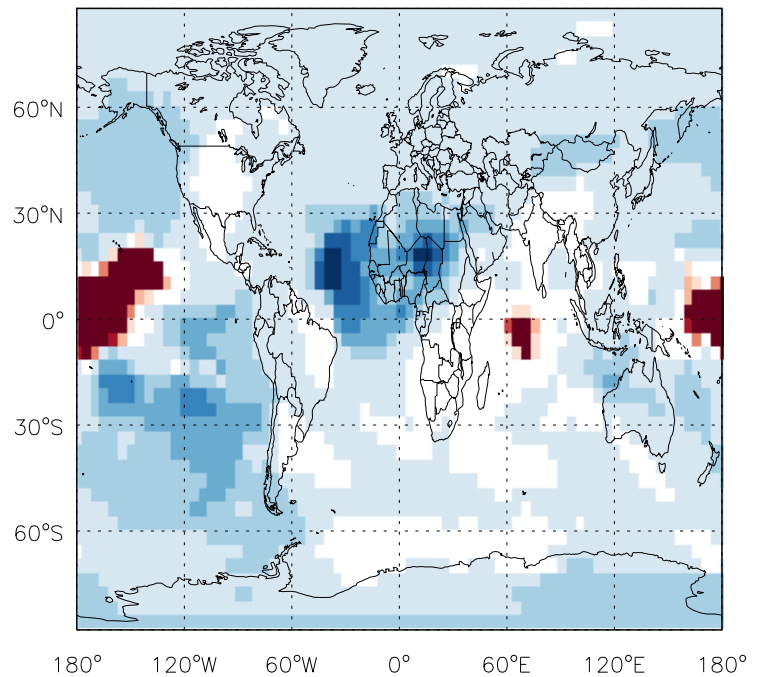
v11-01d-Run1 / v10-01-public-Run0

GLYC / Ratio @ Surface for Oct



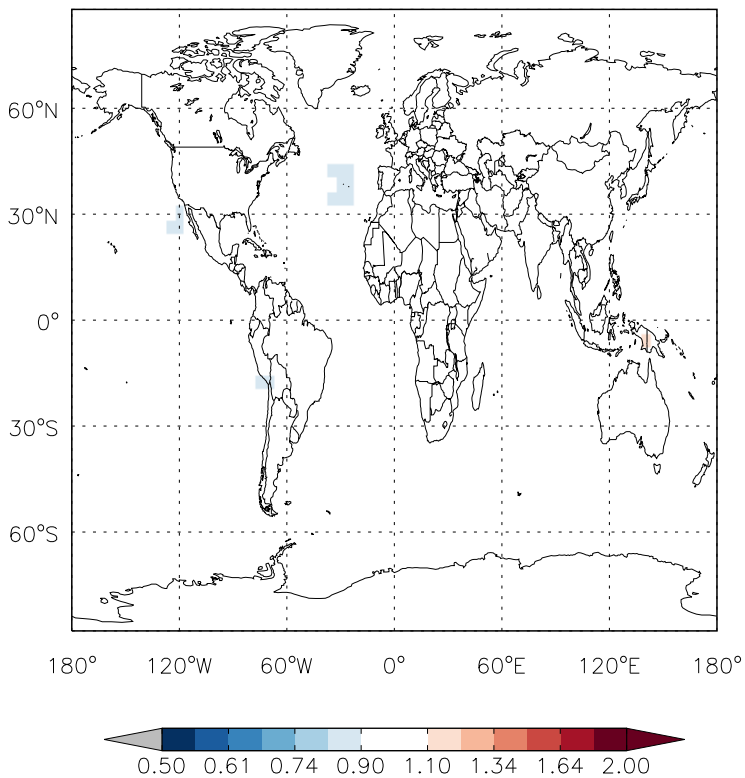
v11-01d-Run1 / v10-01-public-Run0

GLYC/ Ratio @ 500 hPa for Oct

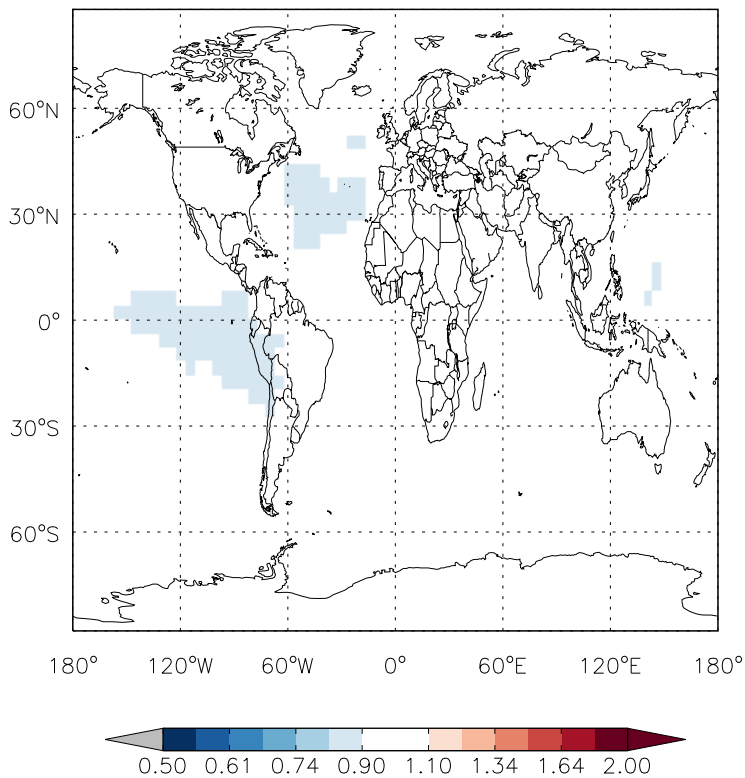


GEOS-Chem Ratio Maps at surface and 500 hPa

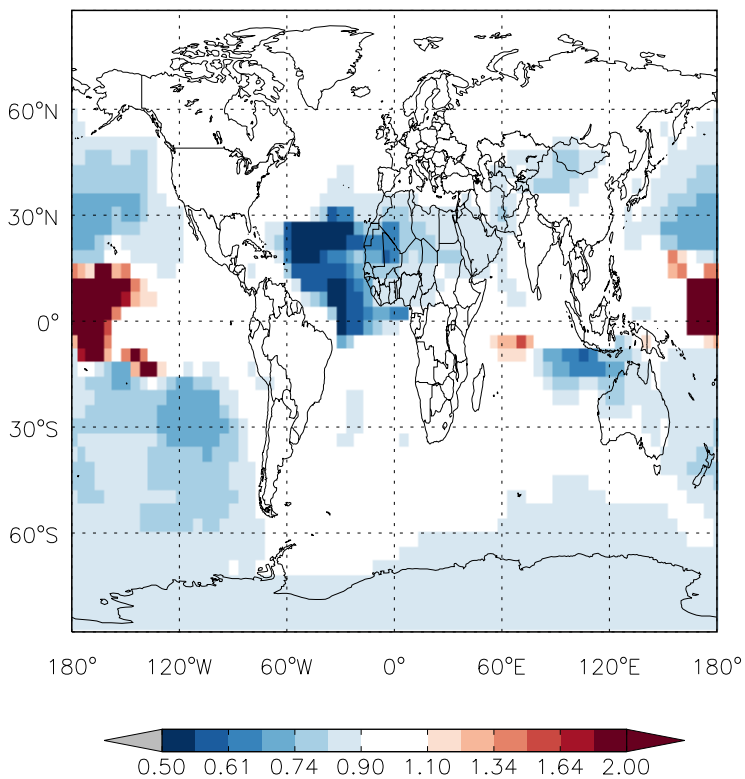
v11-01d-Run1 / v11-01b-Run0
MMN / Ratio @ Surface for Oct



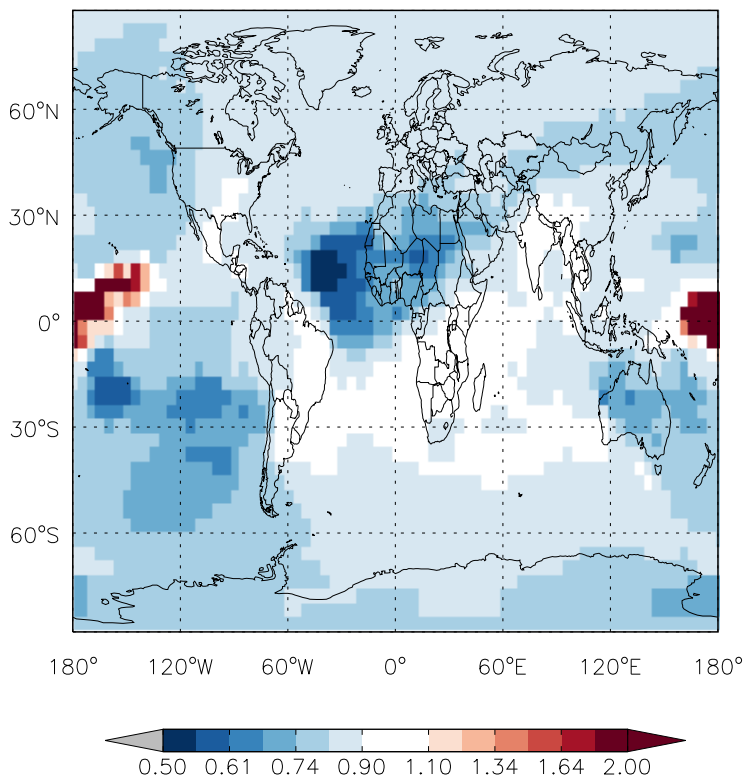
v11-01d-Run1 / v11-01b-Run0
MMN/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
MMN / Ratio @ Surface for Oct



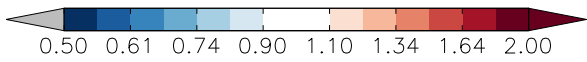
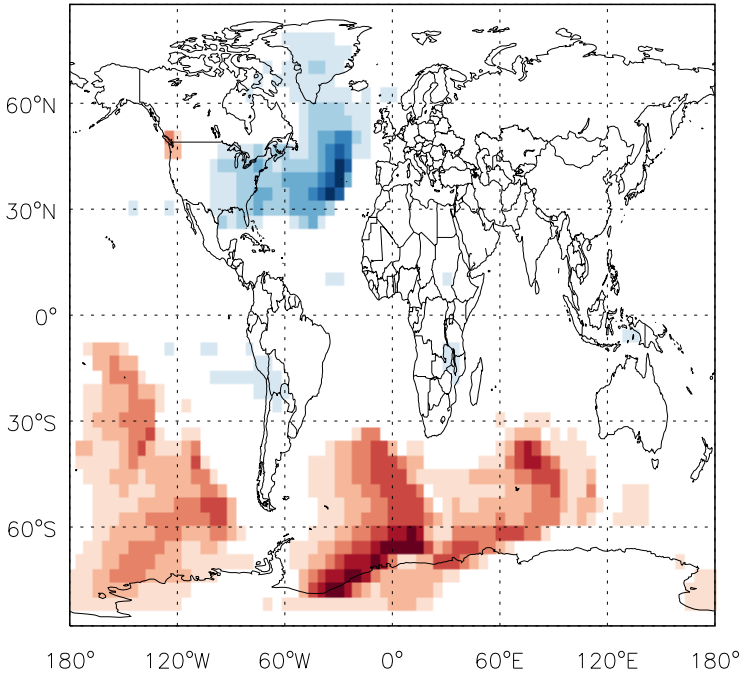
v11-01d-Run1 / v10-01-public-Run0
MMN/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

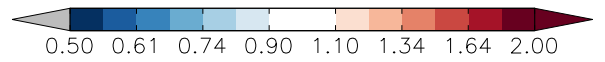
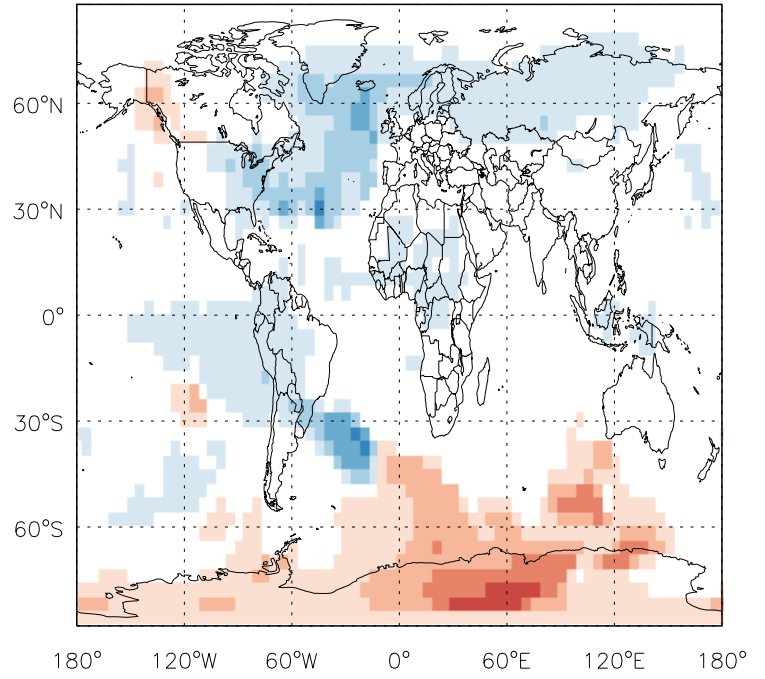
v11-01d-Run1 / v11-01b-Run0

RIP / Ratio @ Surface for Oct



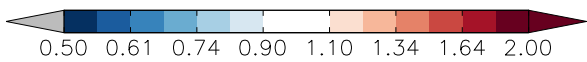
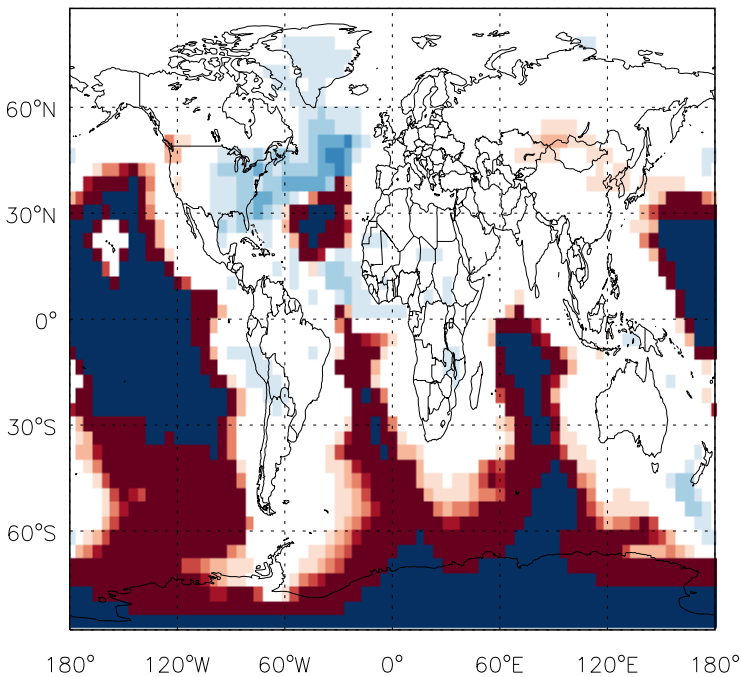
v11-01d-Run1 / v11-01b-Run0

RIP / Ratio @ 500 hPa for Oct



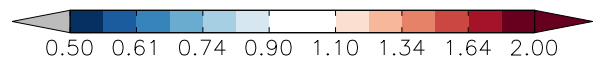
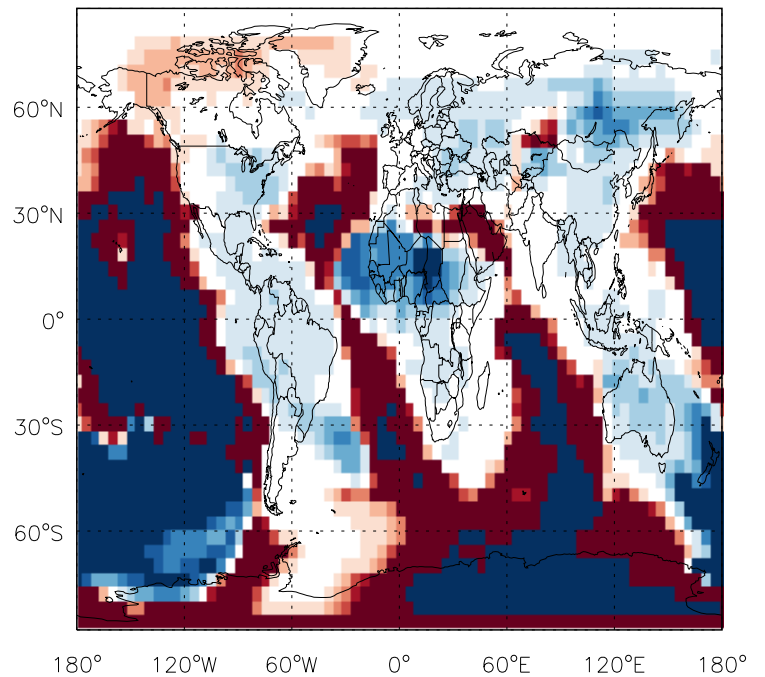
v11-01d-Run1 / v10-01-public-Run0

RIP / Ratio @ Surface for Oct



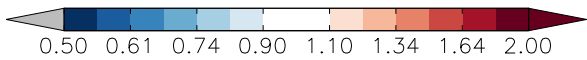
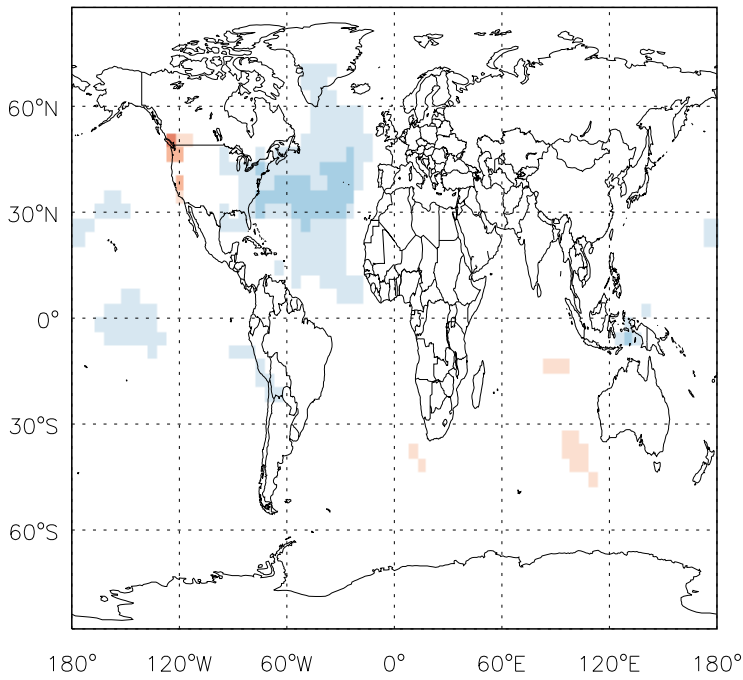
v11-01d-Run1 / v10-01-public-Run0

RIP / Ratio @ 500 hPa for Oct

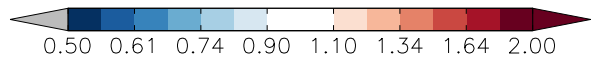
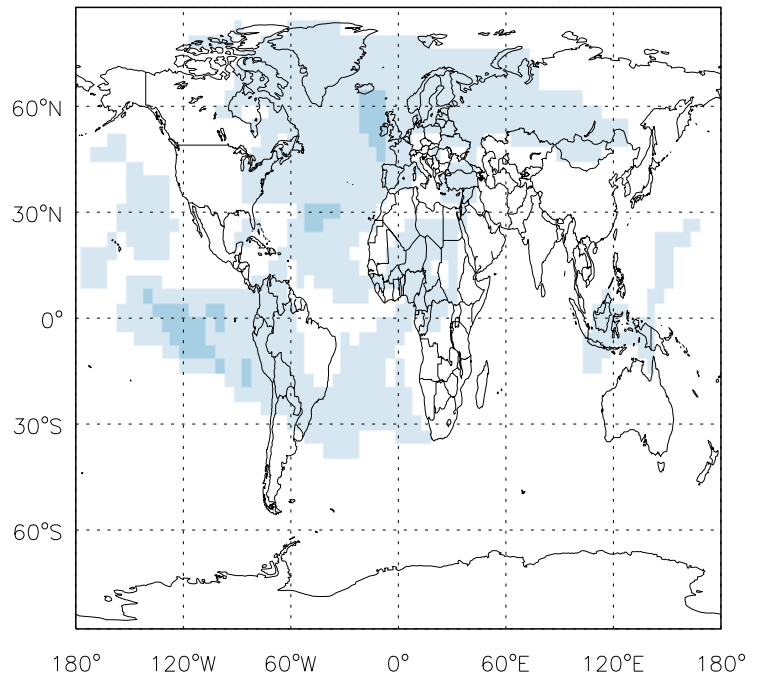


GEOS-Chem Ratio Maps at surface and 500 hPa

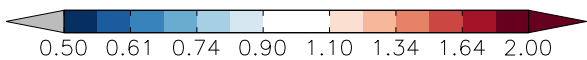
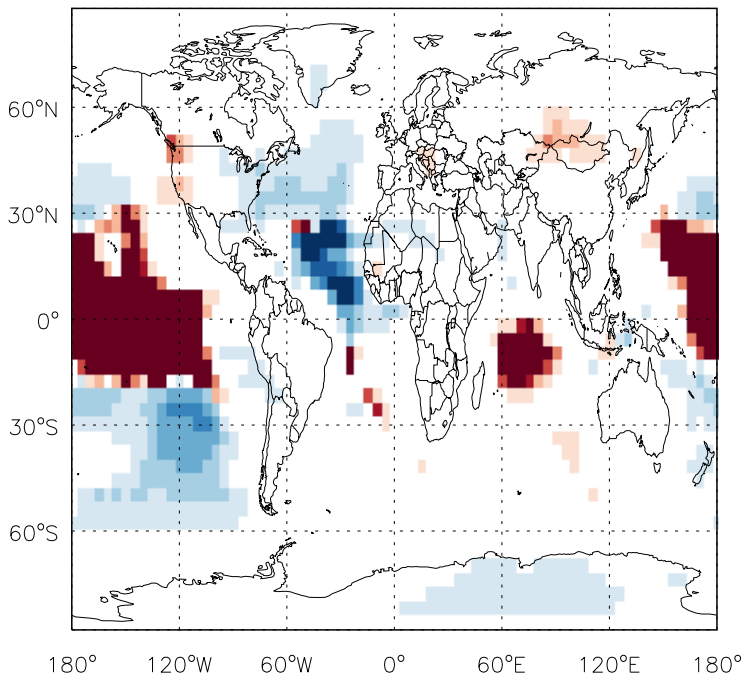
v11-01d-Run1 / v11-01b-Run0
IEPOX / Ratio @ Surface for Oct



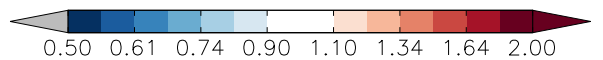
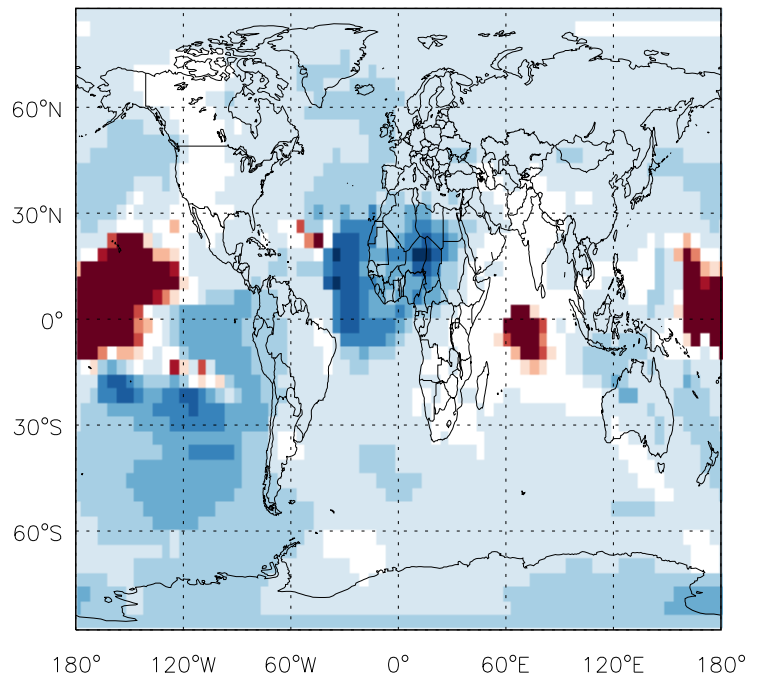
v11-01d-Run1 / v11-01b-Run0
IEPOX/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
IEPOX / Ratio @ Surface for Oct



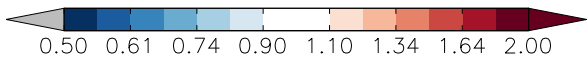
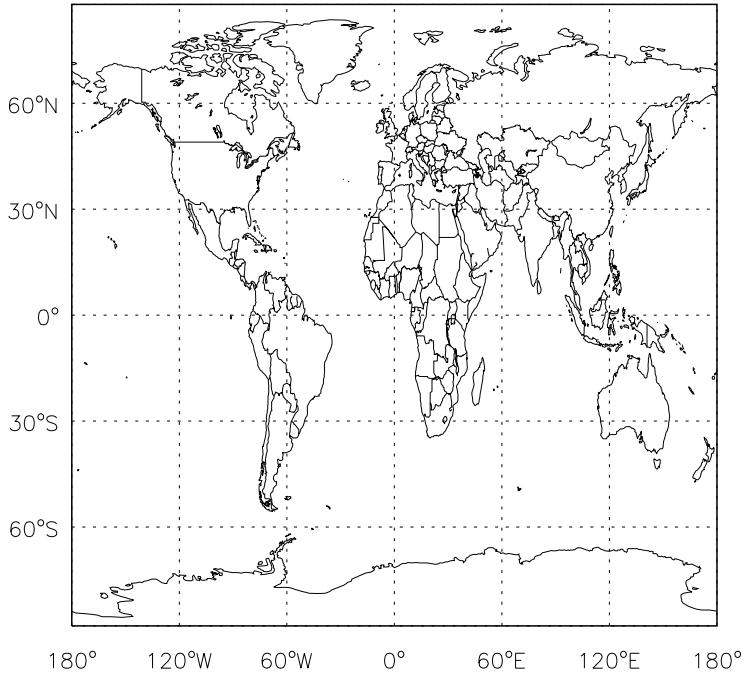
v11-01d-Run1 / v10-01-public-Run0
IEPOX/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

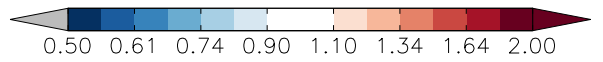
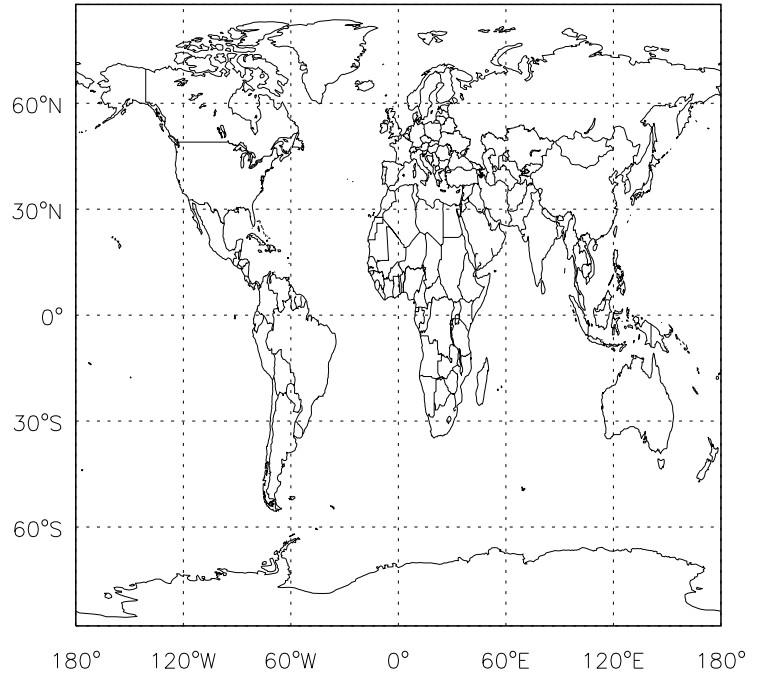
v11-01d-Run1 / v11-01b-Run0

MAP / Ratio @ Surface for Oct



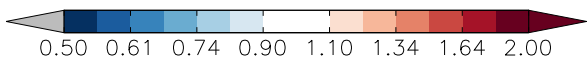
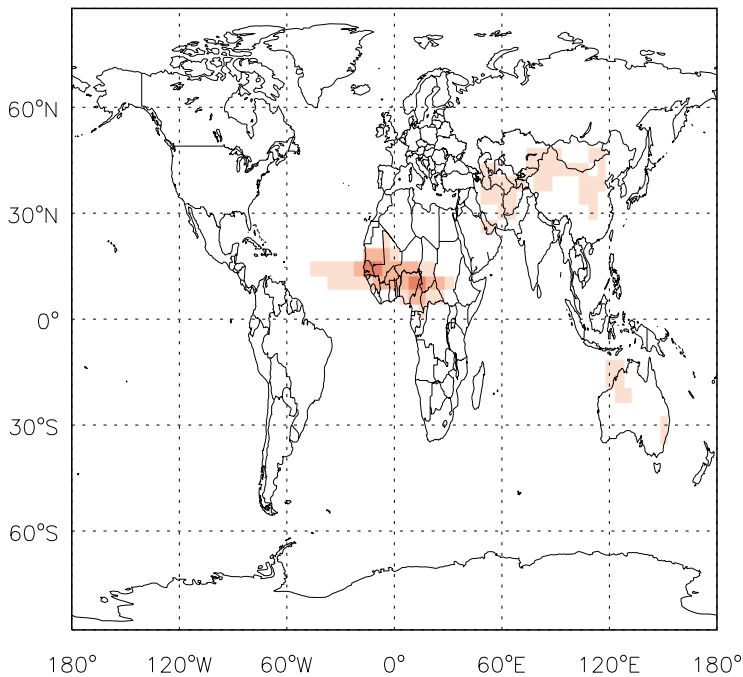
v11-01d-Run1 / v11-01b-Run0

MAP / Ratio @ 500 hPa for Oct



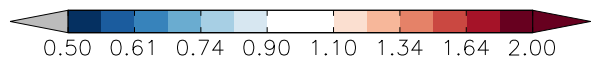
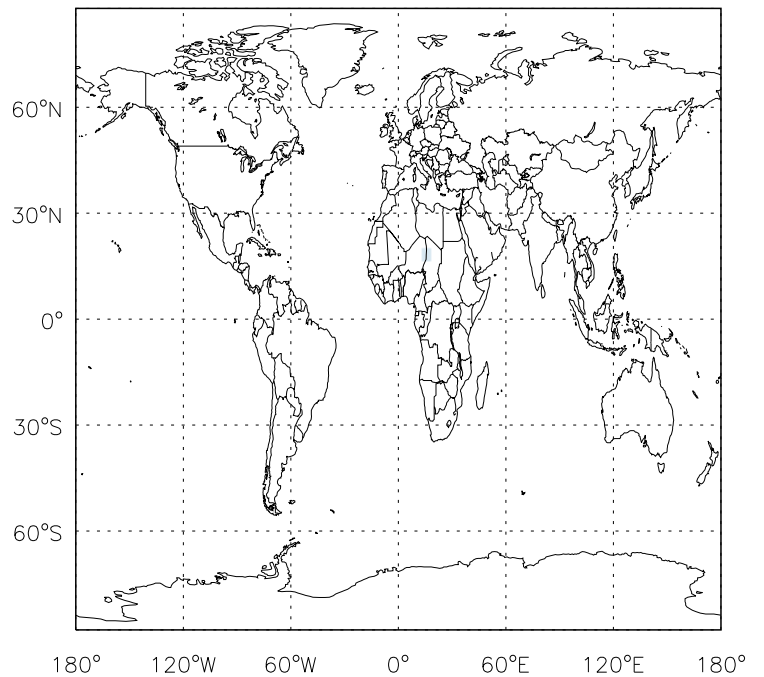
v11-01d-Run1 / v10-01-public-Run0

MAP / Ratio @ Surface for Oct



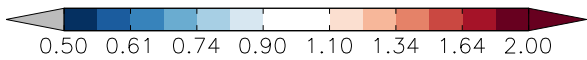
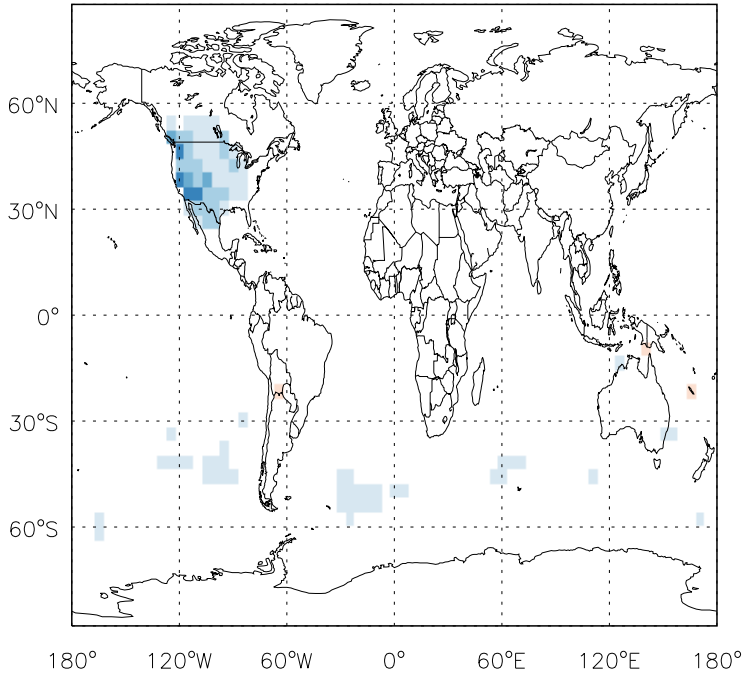
v11-01d-Run1 / v10-01-public-Run0

MAP / Ratio @ 500 hPa for Oct

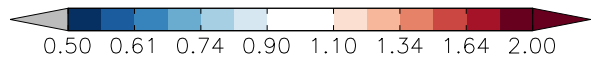
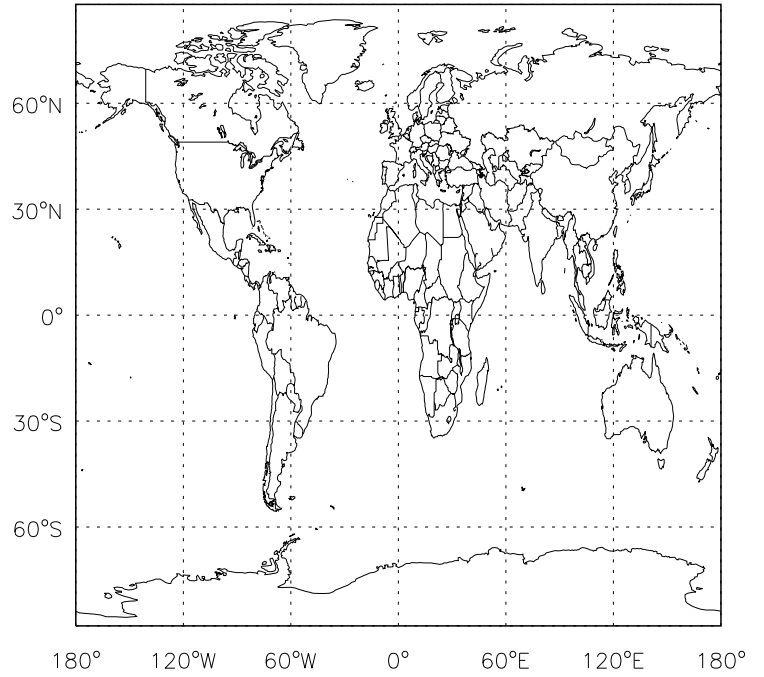


GEOS-Chem Ratio Maps at surface and 500 hPa

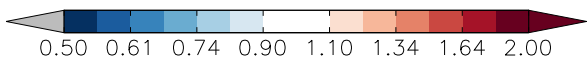
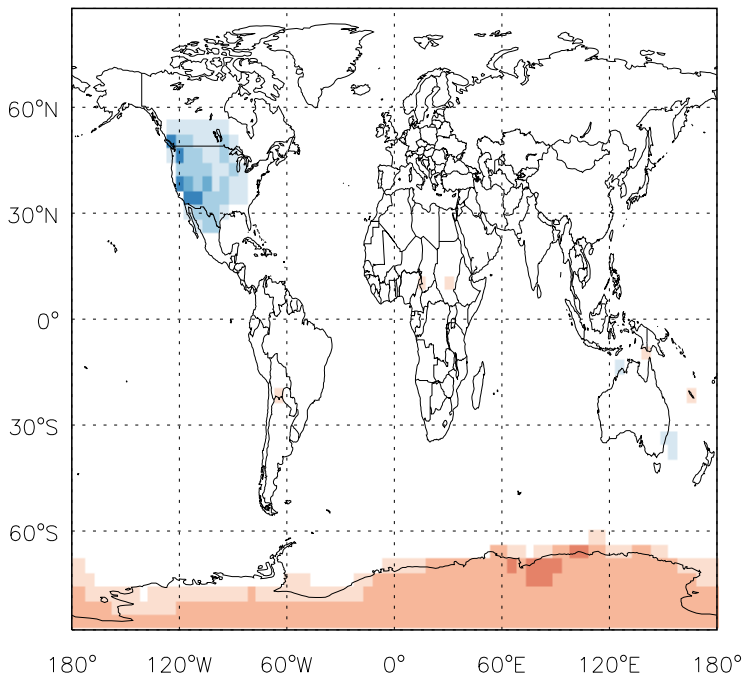
v11-01d-Run1 / v11-01b-Run0
NO2 / Ratio @ Surface for Oct



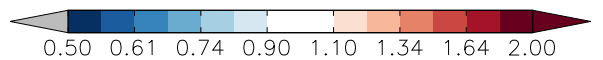
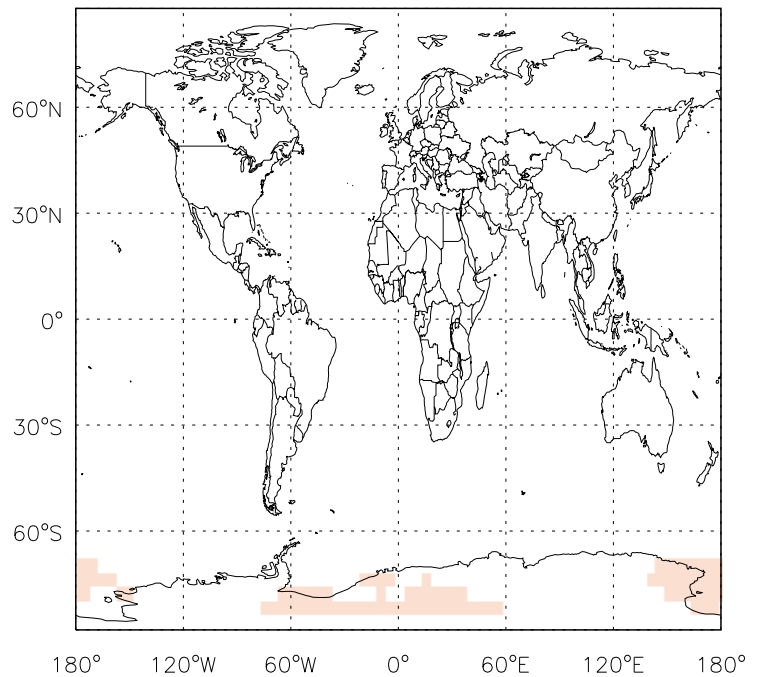
v11-01d-Run1 / v11-01b-Run0
NO2 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
NO2 / Ratio @ Surface for Oct



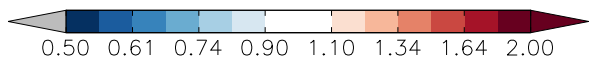
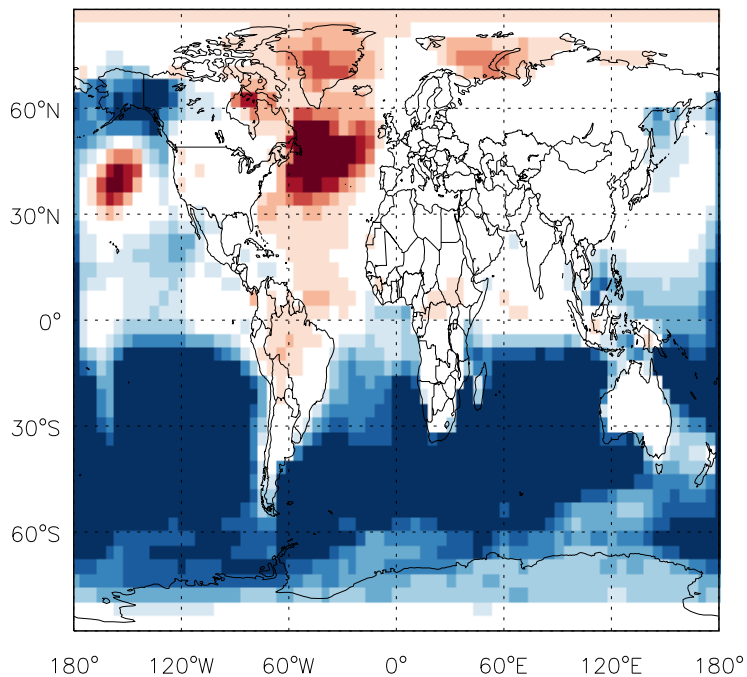
v11-01d-Run1 / v10-01-public-Run0
NO2 / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

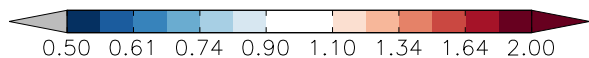
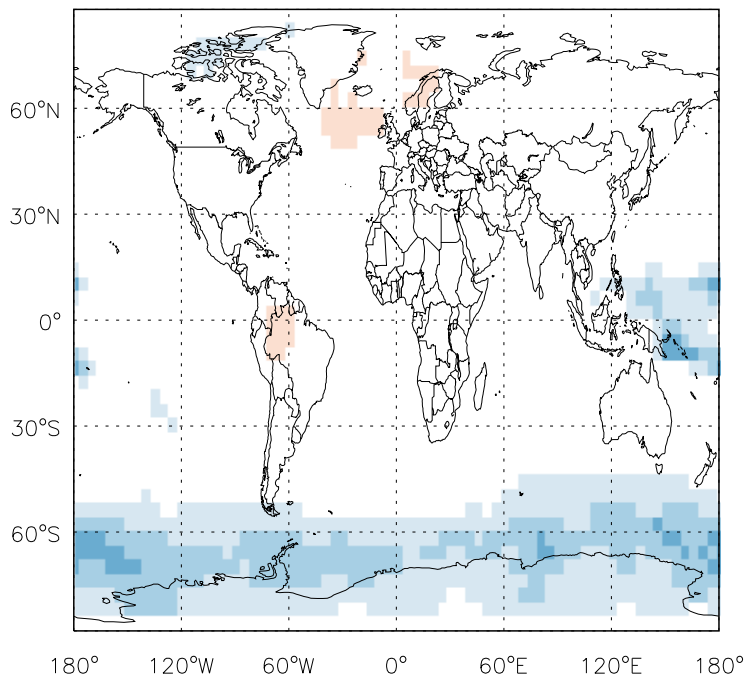
v11-01d-Run1 / v11-01b-Run0

NO₃ / Ratio @ Surface for Oct



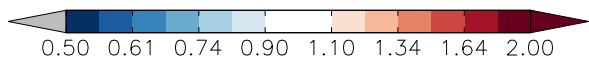
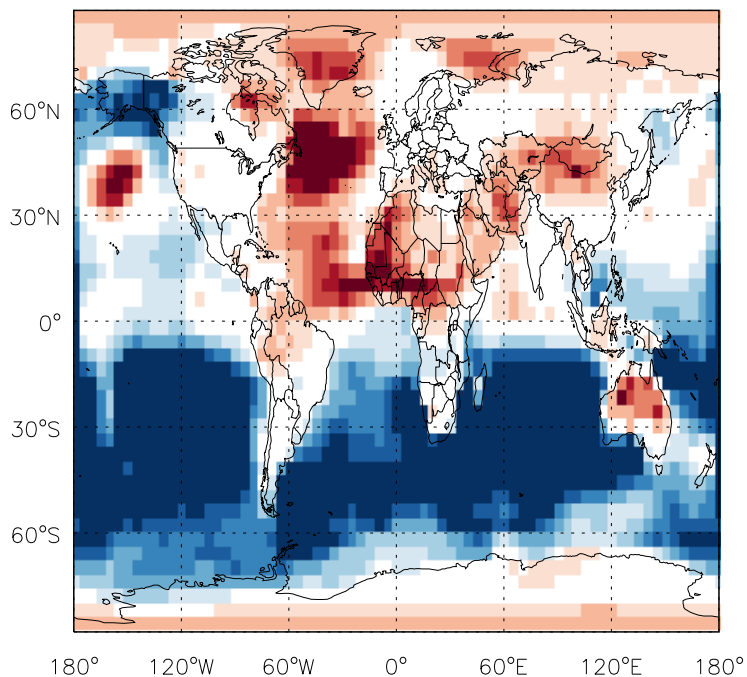
v11-01d-Run1 / v11-01b-Run0

NO₃/ Ratio @ 500 hPa for Oct



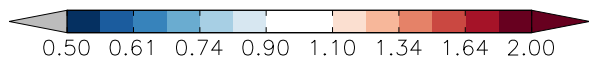
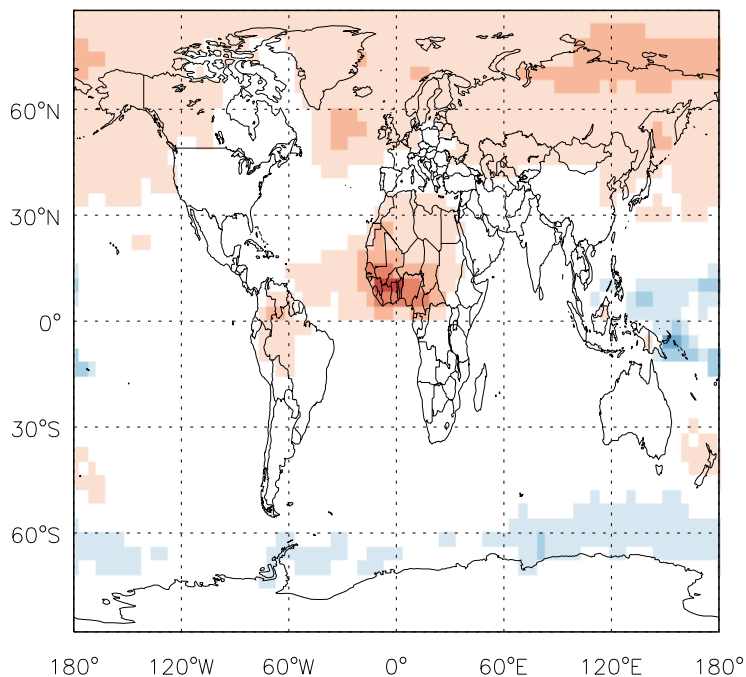
v11-01d-Run1 / v10-01-public-Run0

NO₃ / Ratio @ Surface for Oct



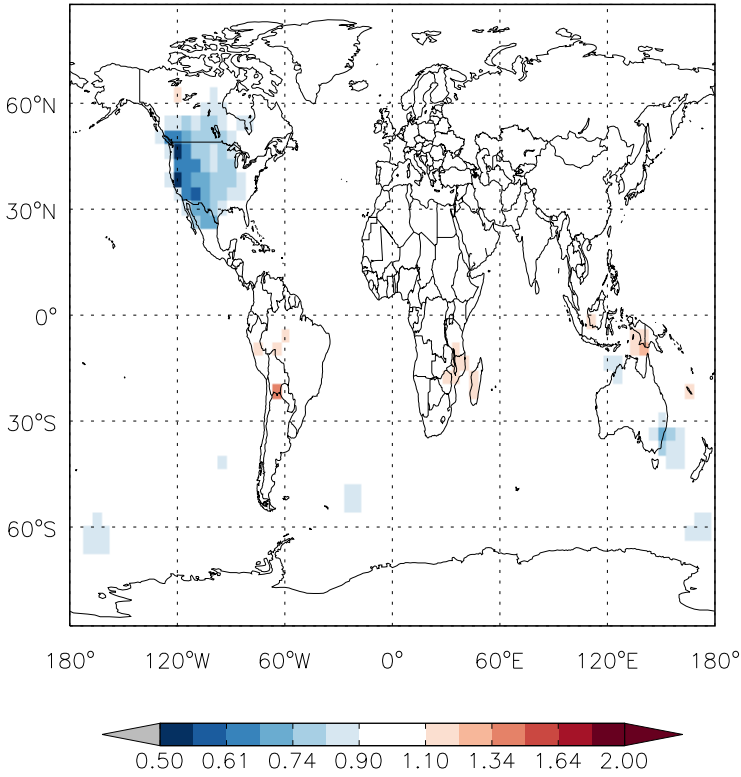
v11-01d-Run1 / v10-01-public-Run0

NO₃/ Ratio @ 500 hPa for Oct

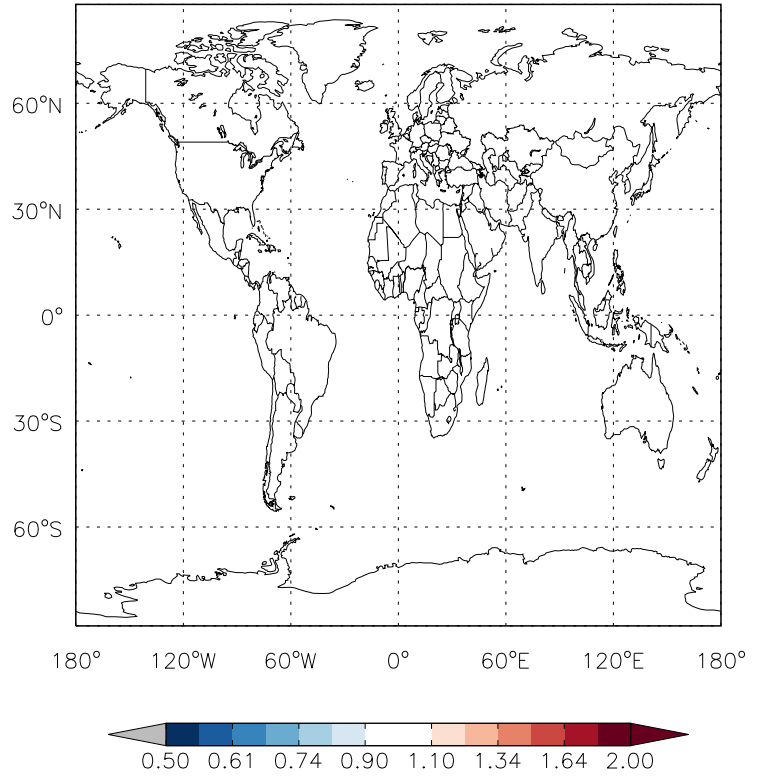


GEOS-Chem Ratio Maps at surface and 500 hPa

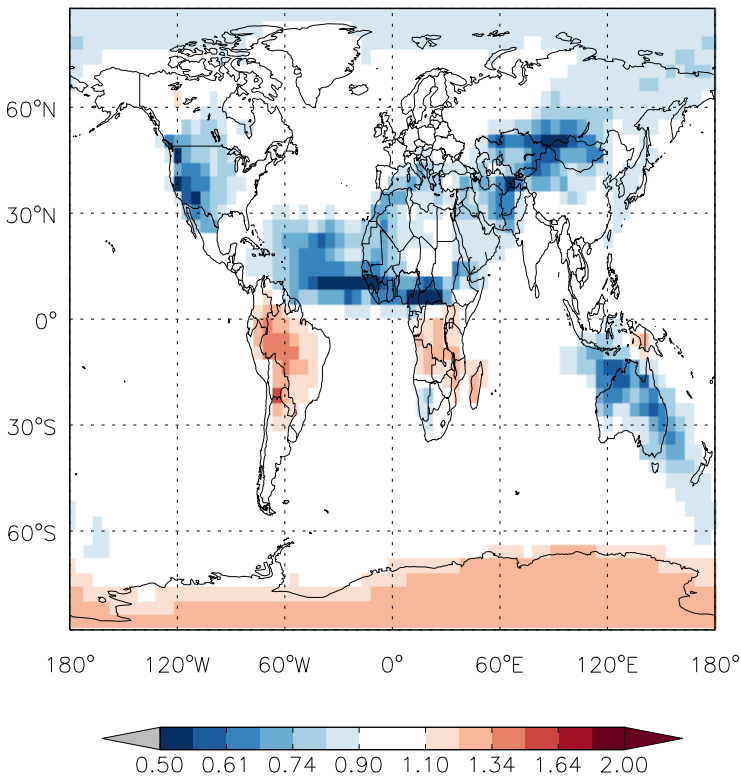
v11-01d-Run1 / v11-01b-Run0
HN02 / Ratio @ Surface for Oct



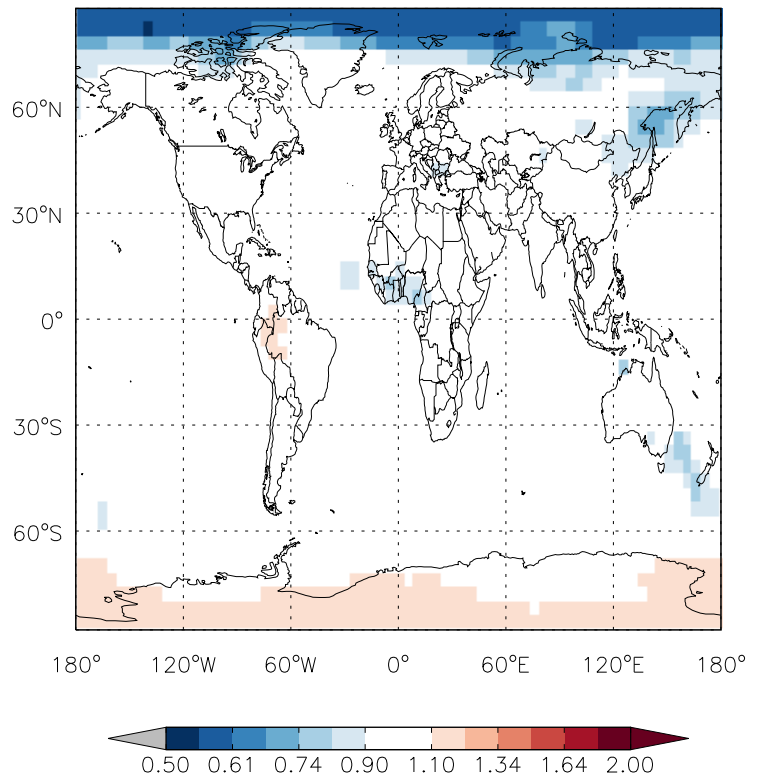
v11-01d-Run1 / v11-01b-Run0
HN02/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
HN02 / Ratio @ Surface for Oct

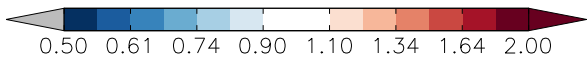
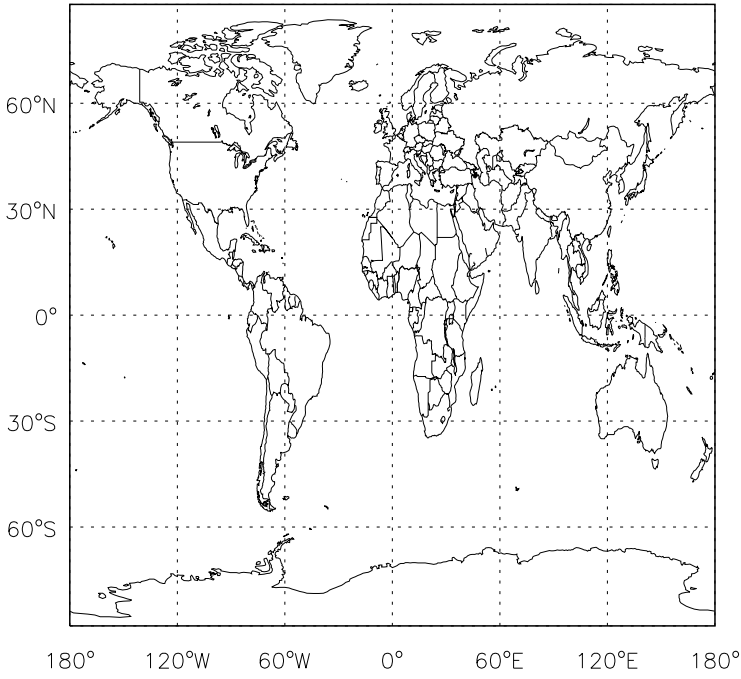


v11-01d-Run1 / v10-01-public-Run0
HN02/ Ratio @ 500 hPa for Oct

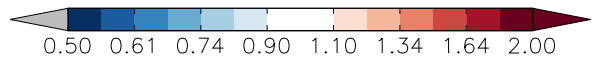
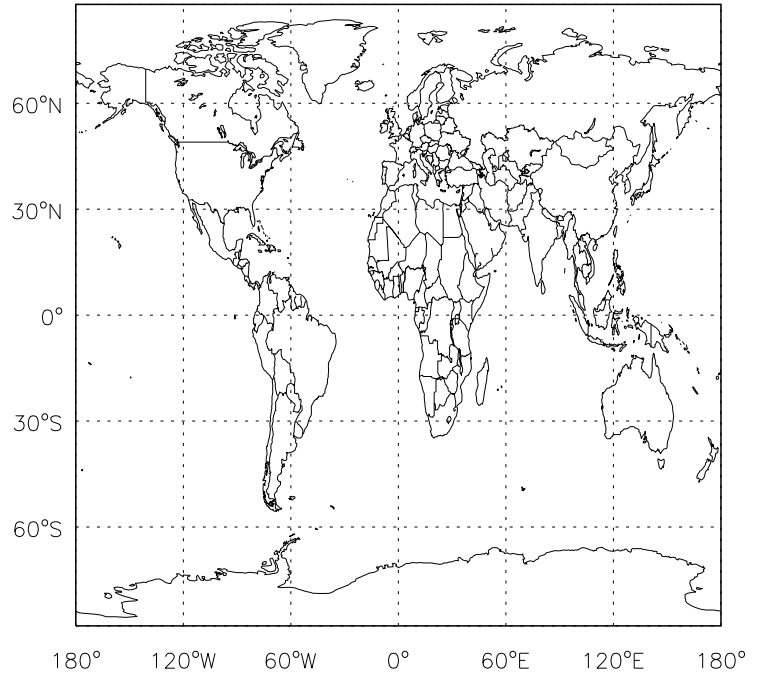


GEOS-Chem Ratio Maps at surface and 500 hPa

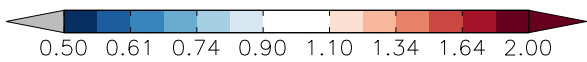
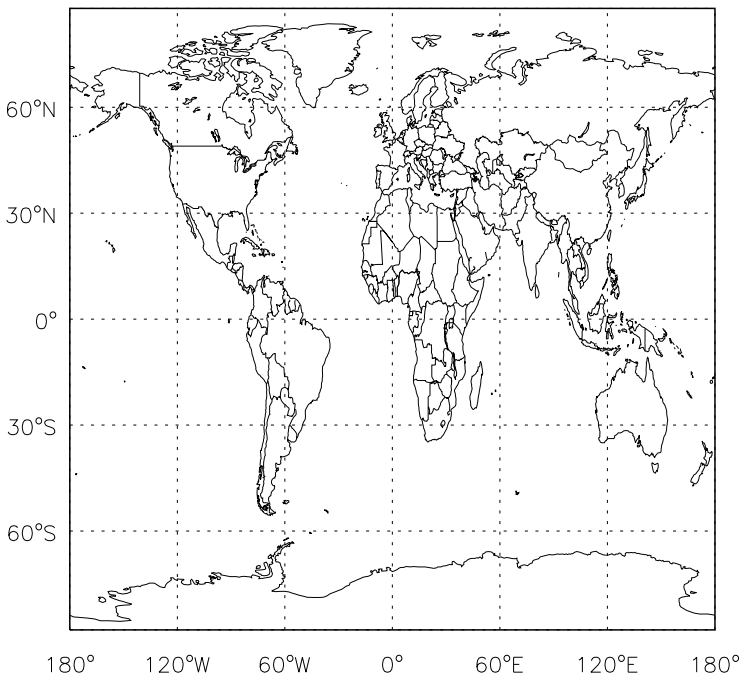
v11-01d-Run1 / v11-01b-Run0
N2O / Ratio @ Surface for Oct



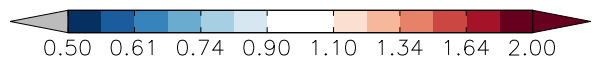
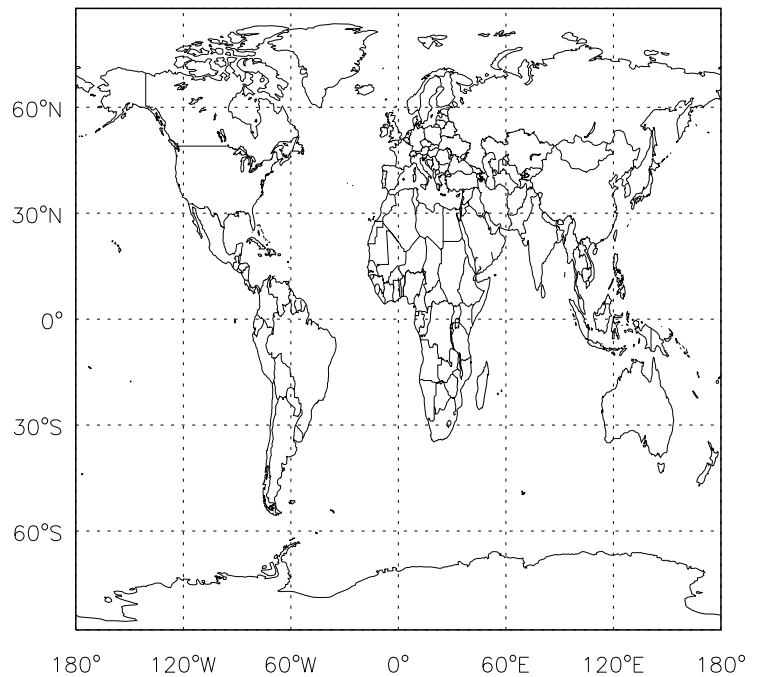
v11-01d-Run1 / v11-01b-Run0
N2O / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
N2O / Ratio @ Surface for Oct



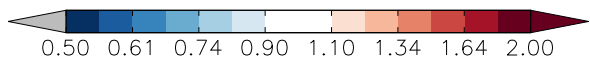
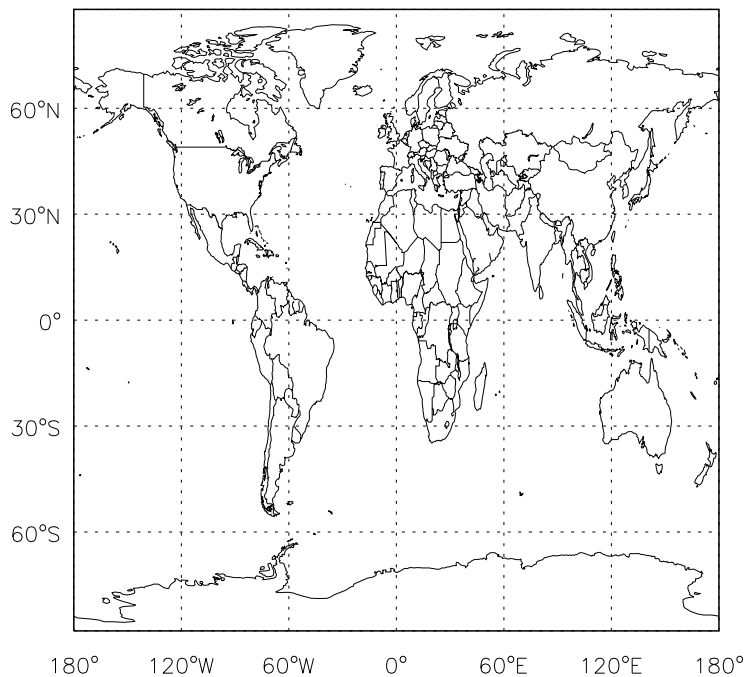
v11-01d-Run1 / v10-01-public-Run0
N2O / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

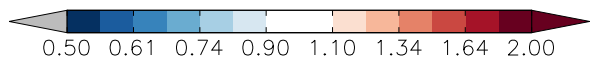
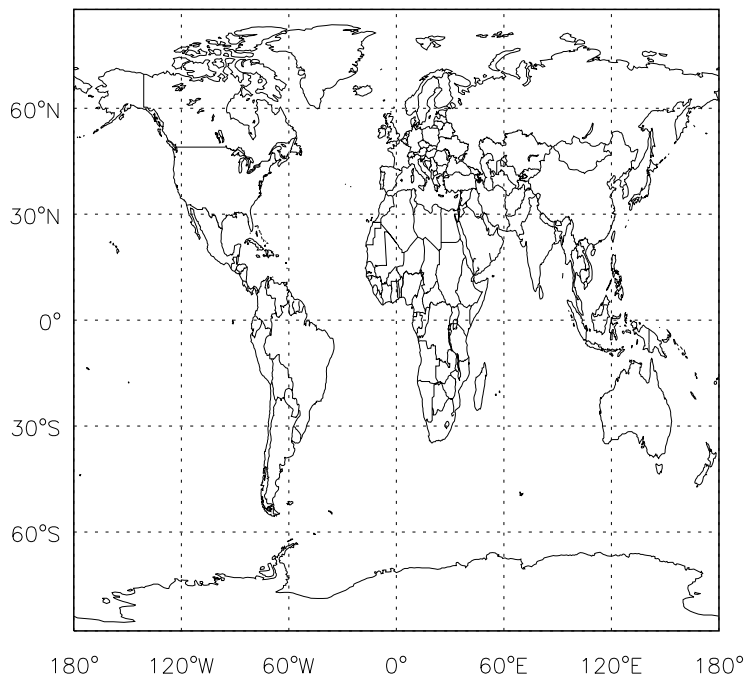
v11-01d-Run1 / v11-01b-Run0

OCS / Ratio @ Surface for Oct



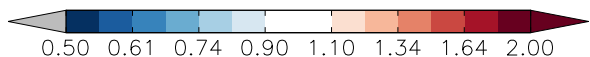
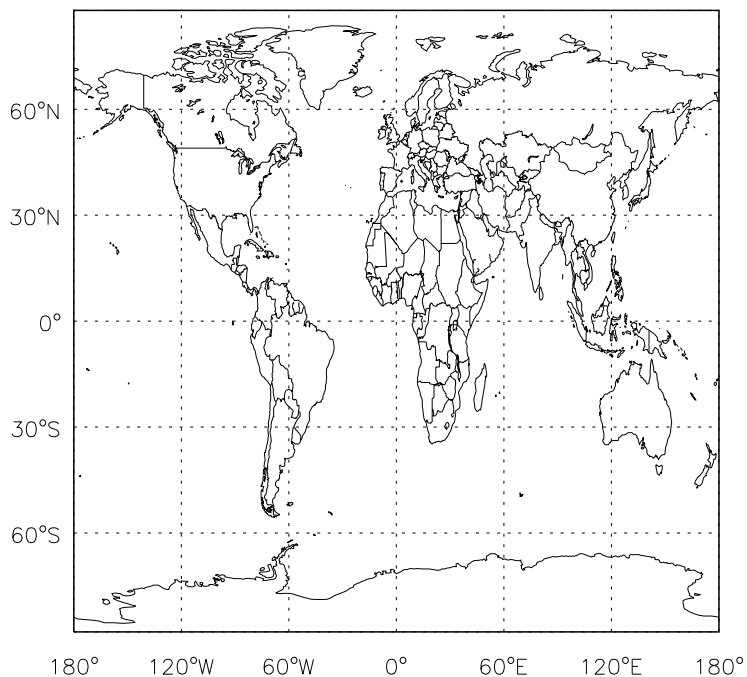
v11-01d-Run1 / v11-01b-Run0

OCS/ Ratio @ 500 hPa for Oct



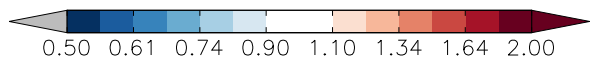
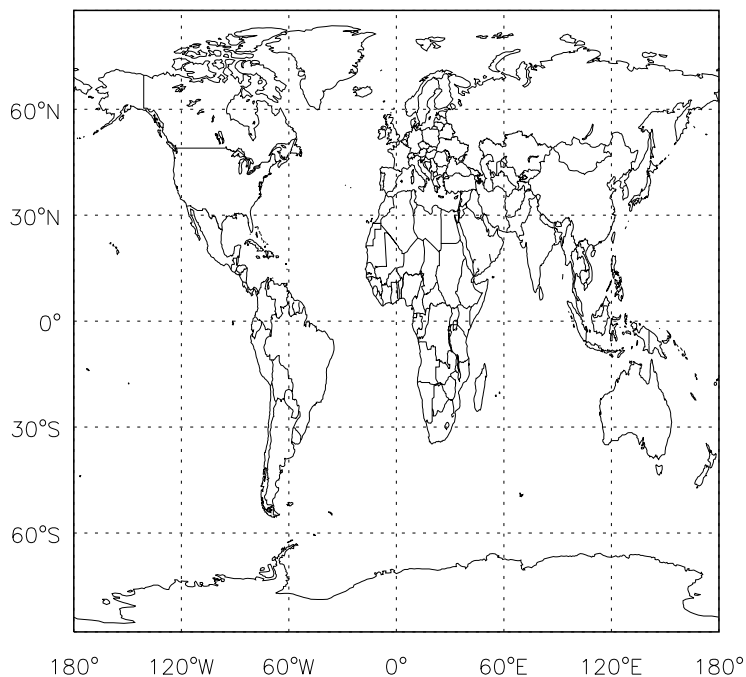
v11-01d-Run1 / v10-01-public-Run0

OCS / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

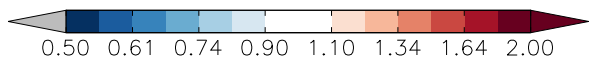
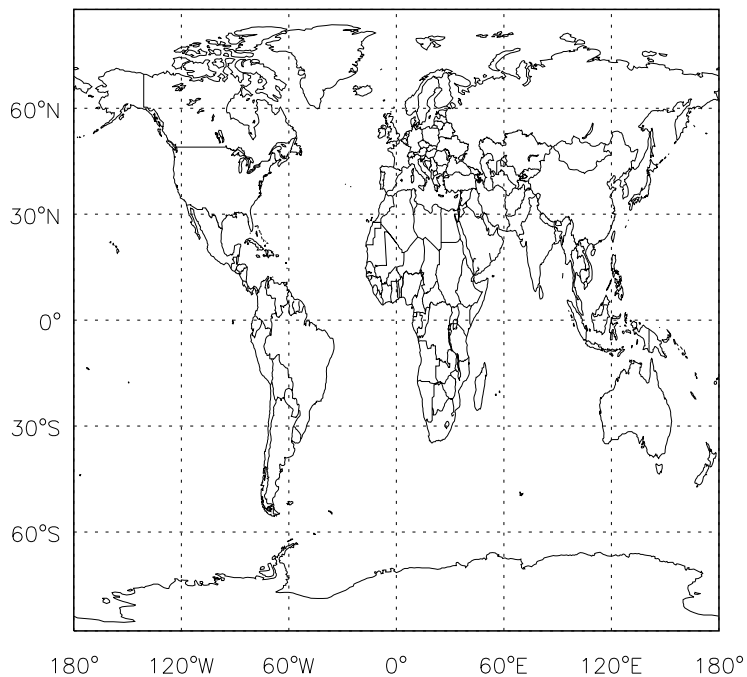
OCS/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

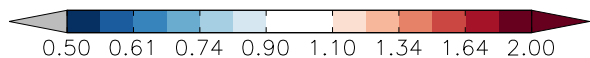
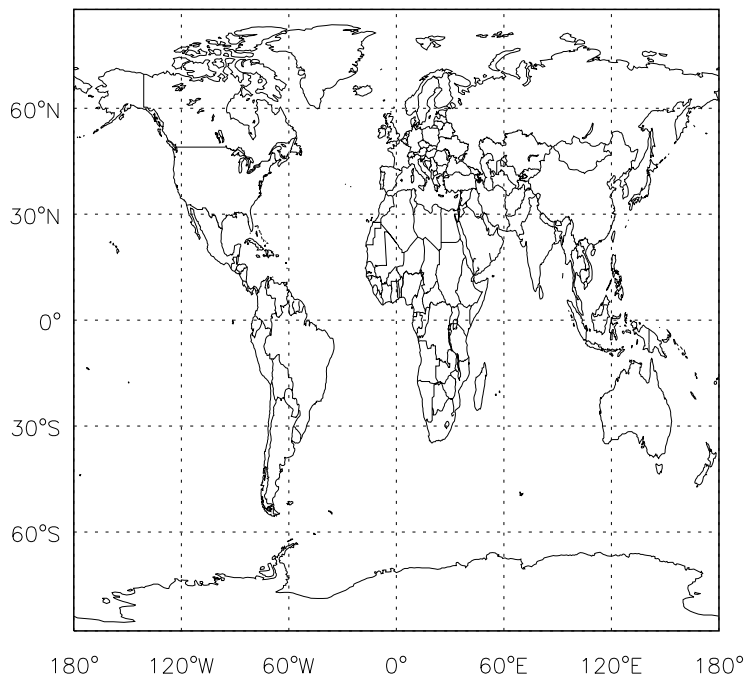
v11-01d-Run1 / v11-01b-Run0

CH4 / Ratio @ Surface for Oct



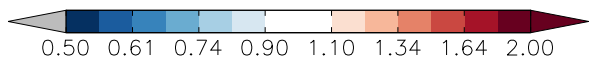
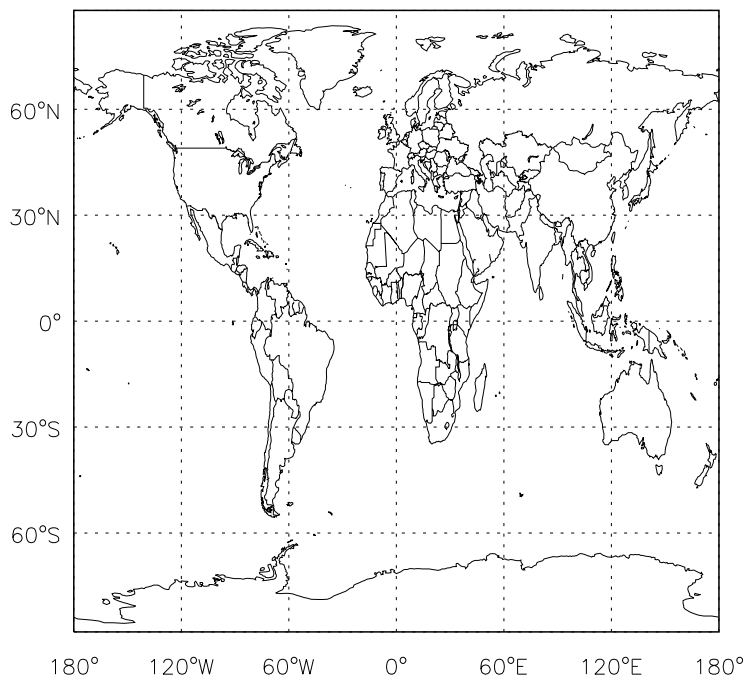
v11-01d-Run1 / v11-01b-Run0

CH4/ Ratio @ 500 hPa for Oct



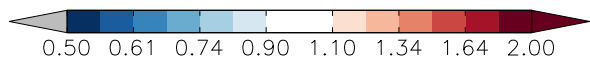
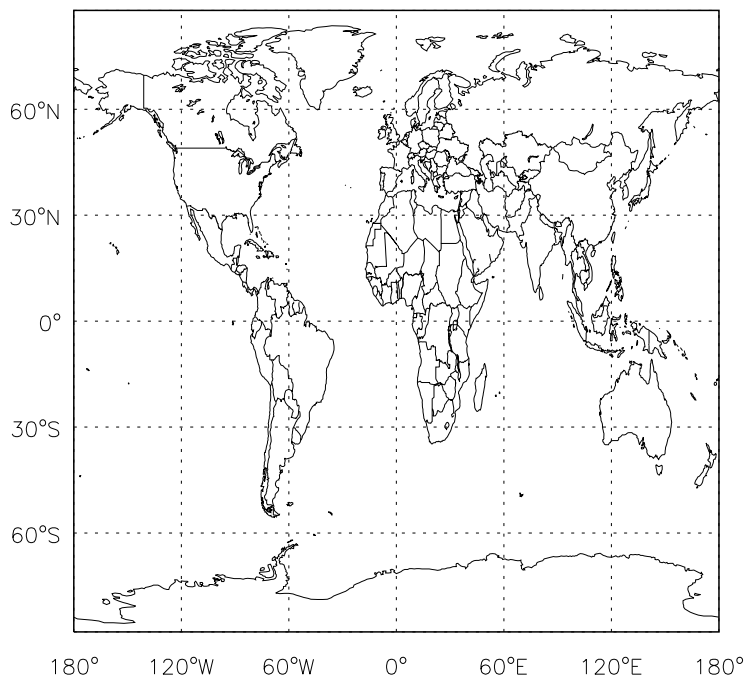
v11-01d-Run1 / v10-01-public-Run0

CH4 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

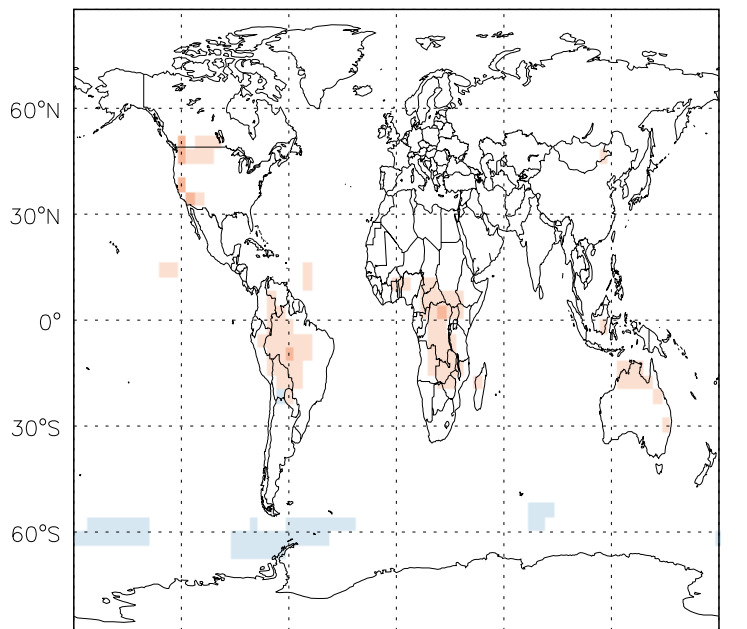
CH4/ Ratio @ 500 hPa for Oct



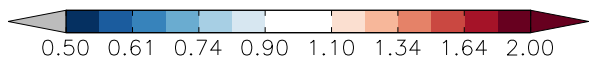
GEOS-Chem Ratio Maps at surface and 500 hPa

v11-01d-Run1 / v11-01b-Run0

BrCl / Ratio @ Surface for Oct

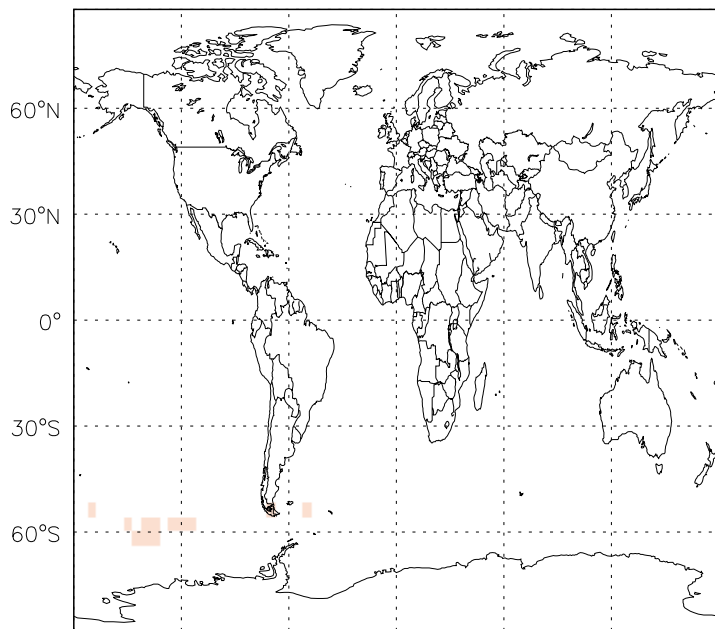


180° 120°W 60°W 0° 60°E 120°E 180°

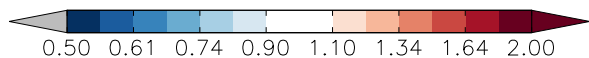


v11-01d-Run1 / v11-01b-Run0

BrCl / Ratio @ 500 hPa for Oct

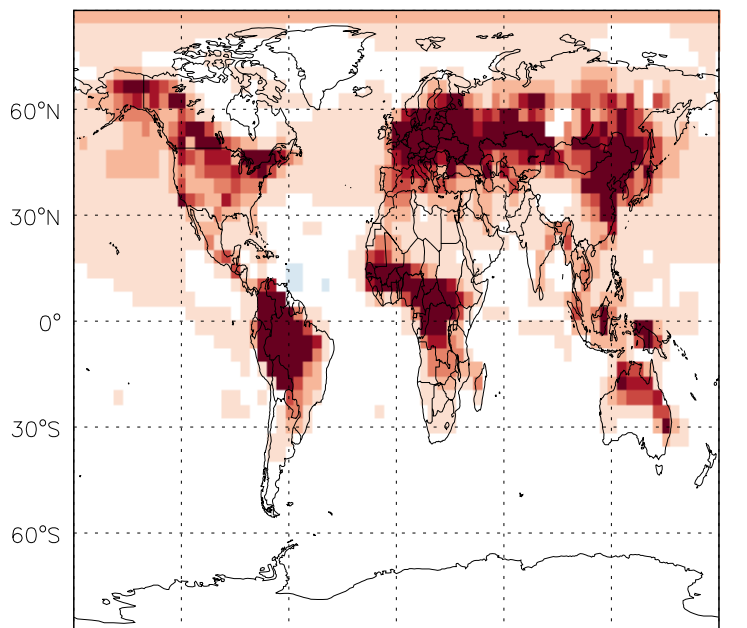


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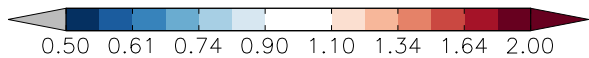


v11-01d-Run1 / v10-01-public-Run0

BrCl / Ratio @ Surface for Oct

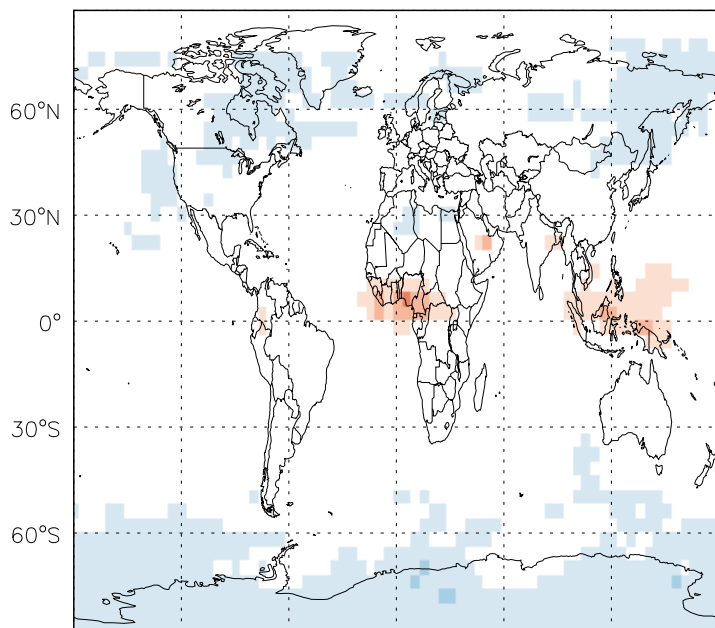


180° 120°W 60°W 0° 60°E 120°E 180°

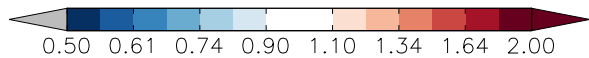


v11-01d-Run1 / v10-01-public-Run0

BrCl / Ratio @ 500 hPa for Oct



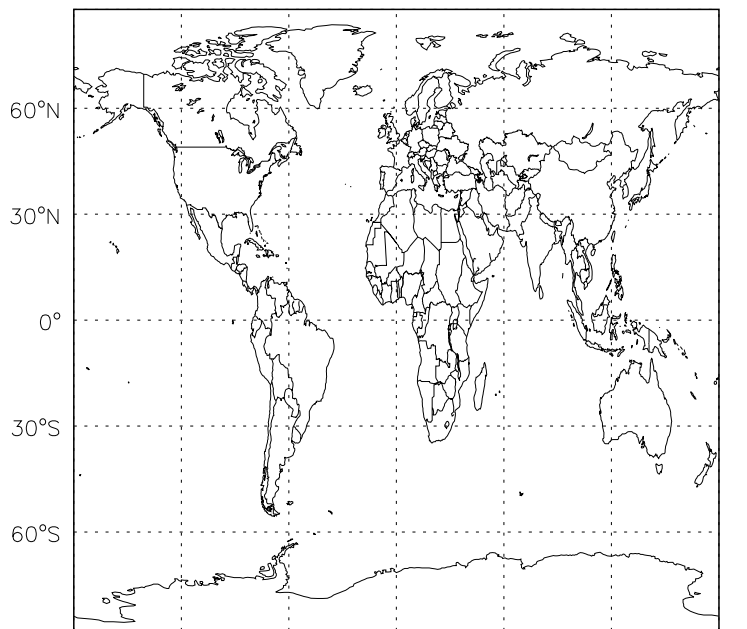
180° 120°W 60°W 0° 60°E 120°E 180°



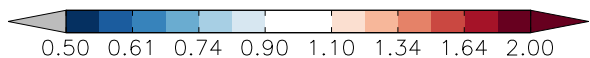
GEOS-Chem Ratio Maps at surface and 500 hPa

v11-01d-Run1 / v11-01b-Run0

HCl / Ratio @ Surface for Oct

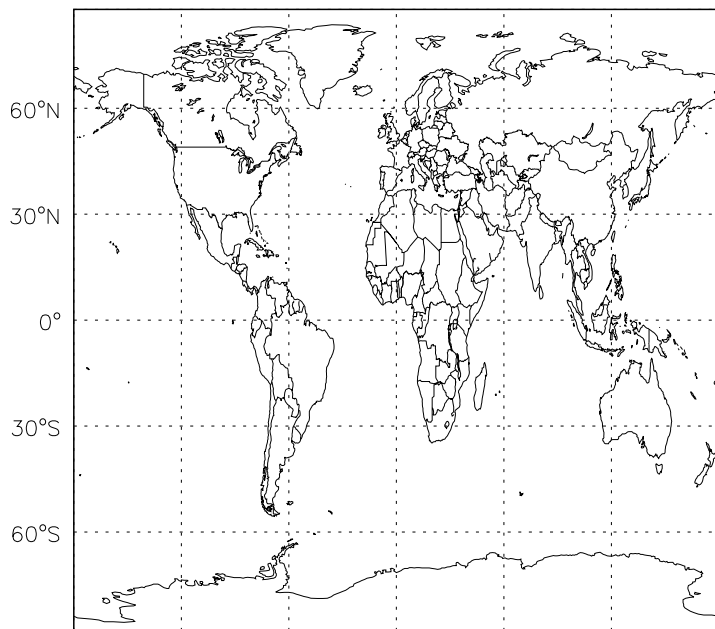


180° 120°W 60°W 0° 60°E 120°E 180°

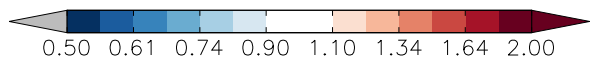


v11-01d-Run1 / v11-01b-Run0

HCl/ Ratio @ 500 hPa for Oct

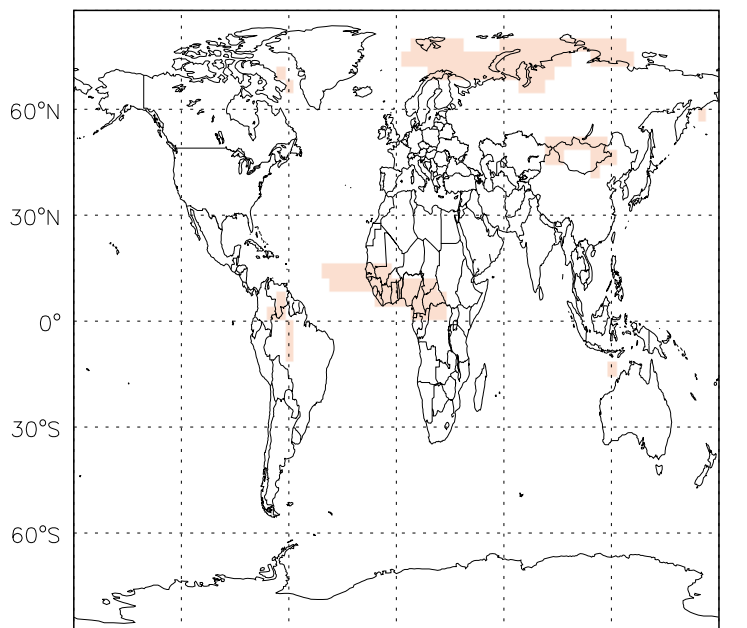


180° 120°W 60°W 0° 60°E 120°E 180°

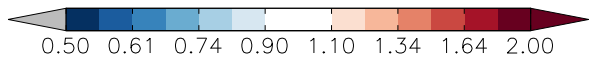


v11-01d-Run1 / v10-01-public-Run0

HCl / Ratio @ Surface for Oct

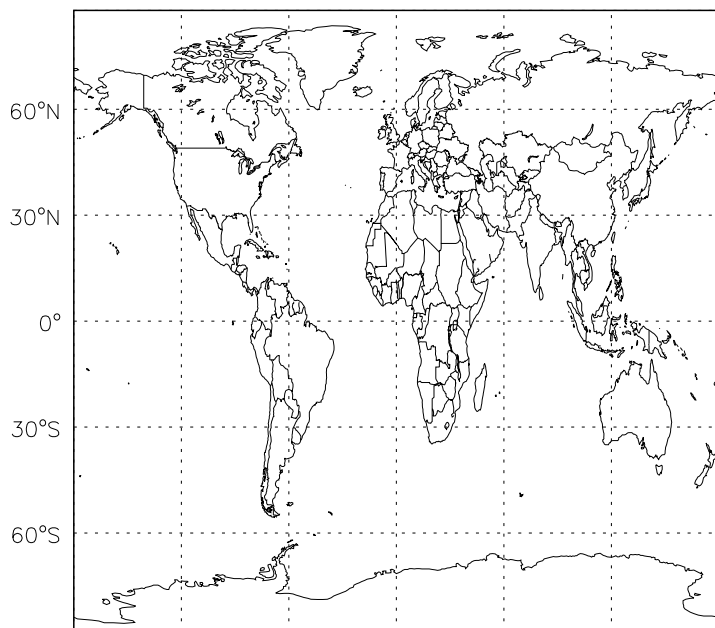


180° 120°W 60°W 0° 60°E 120°E 180°

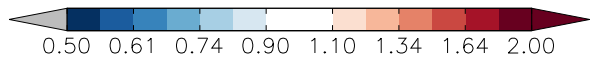


v11-01d-Run1 / v10-01-public-Run0

HCl/ Ratio @ 500 hPa for Oct



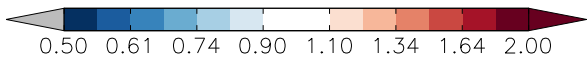
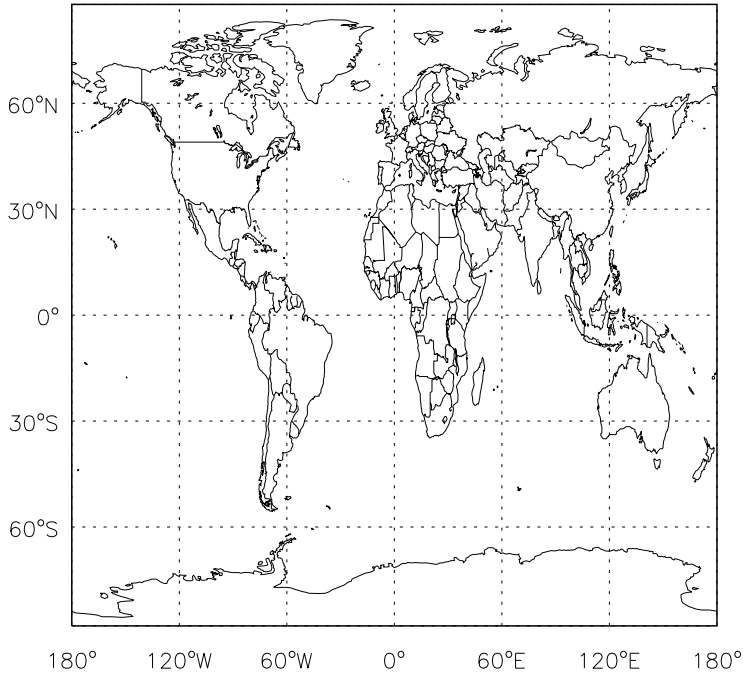
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

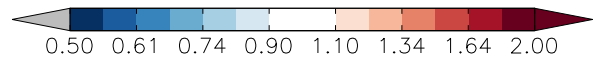
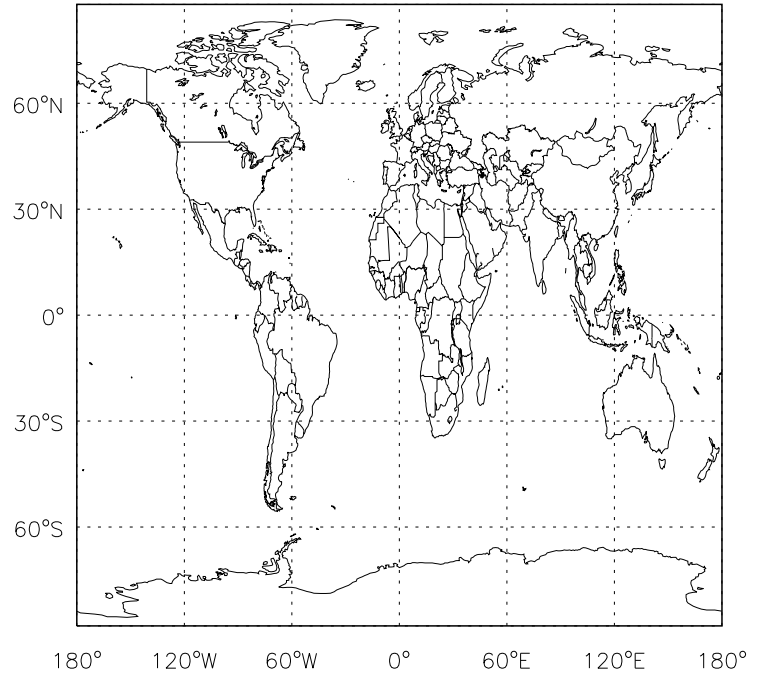
v11-01d-Run1 / v11-01b-Run0

CCI4 / Ratio @ Surface for Oct



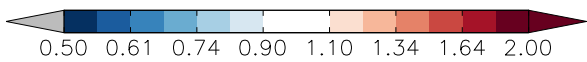
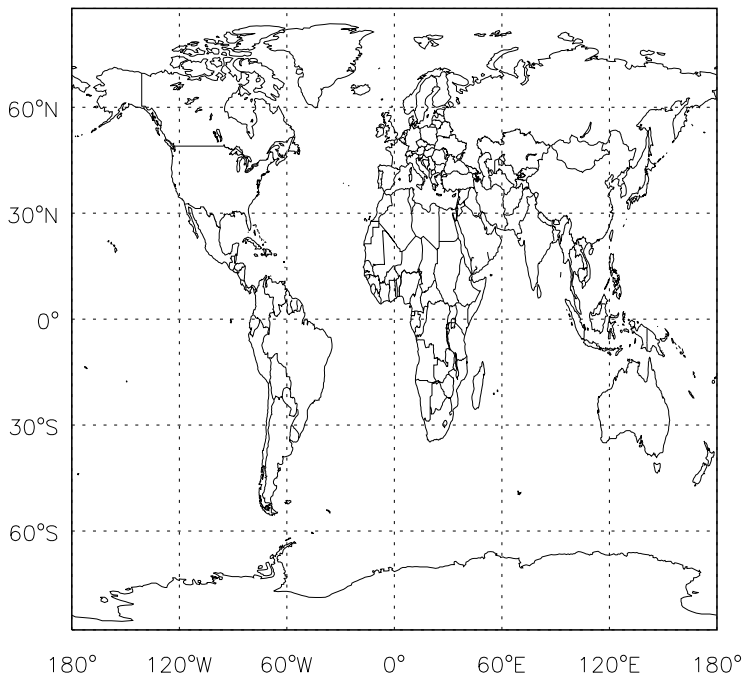
v11-01d-Run1 / v11-01b-Run0

CCI4/ Ratio @ 500 hPa for Oct



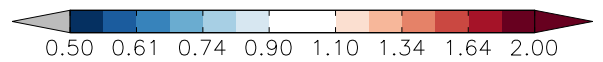
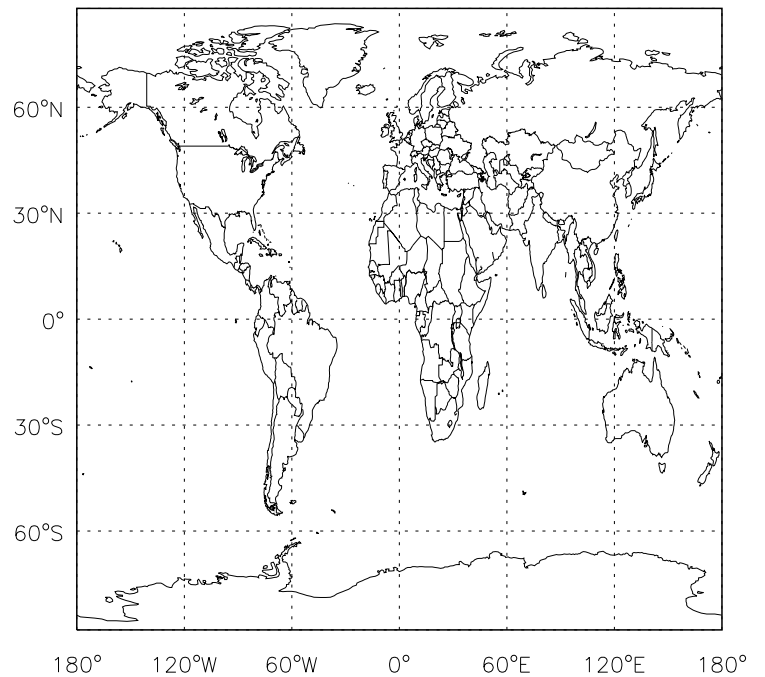
v11-01d-Run1 / v10-01-public-Run0

CCI4 / Ratio @ Surface for Oct



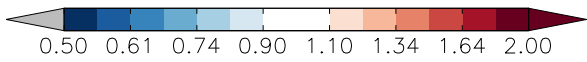
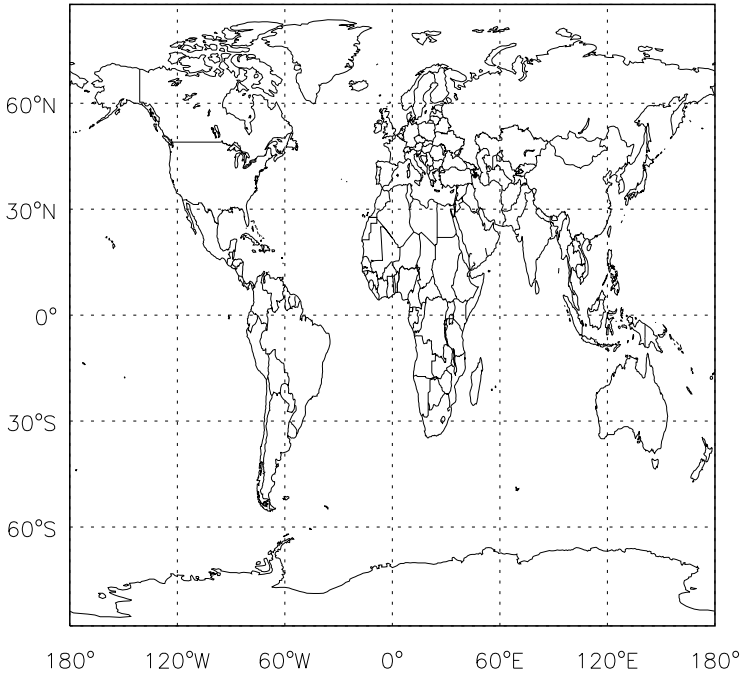
v11-01d-Run1 / v10-01-public-Run0

CCI4/ Ratio @ 500 hPa for Oct

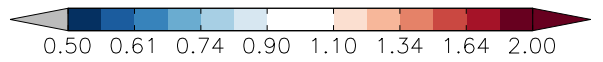
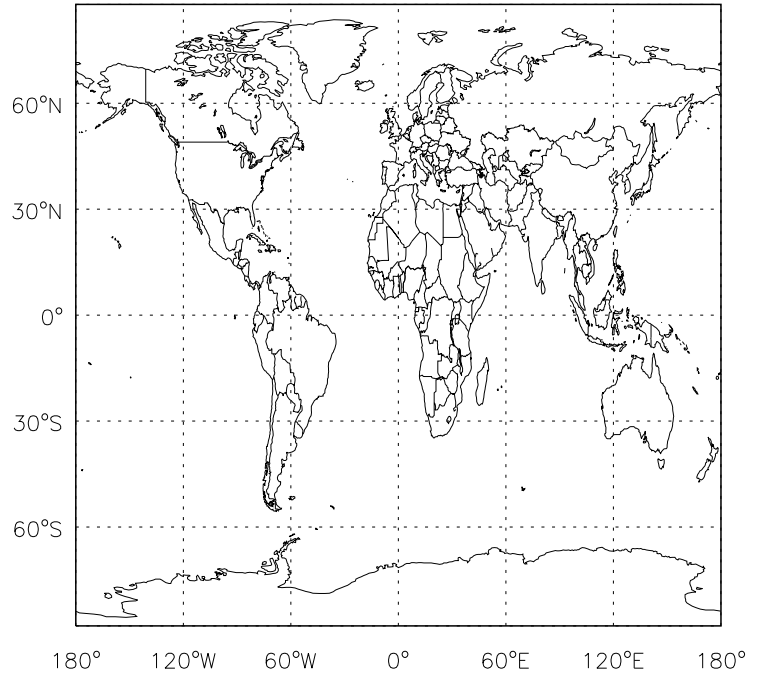


GEOS-Chem Ratio Maps at surface and 500 hPa

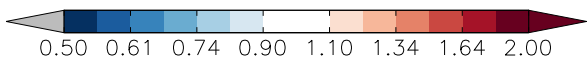
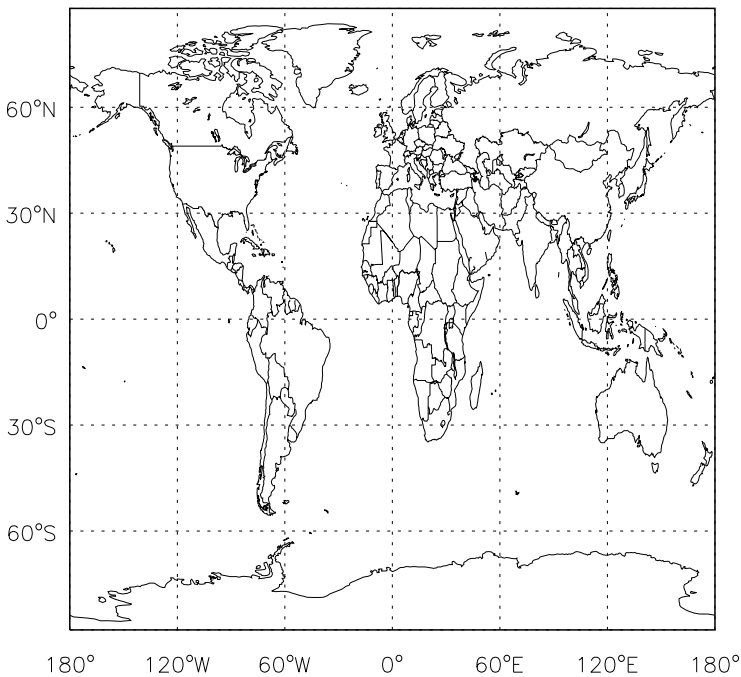
v11-01d-Run1 / v11-01b-Run0
CH3Cl / Ratio @ Surface for Oct



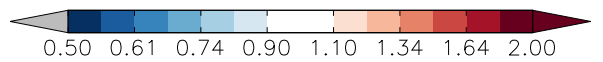
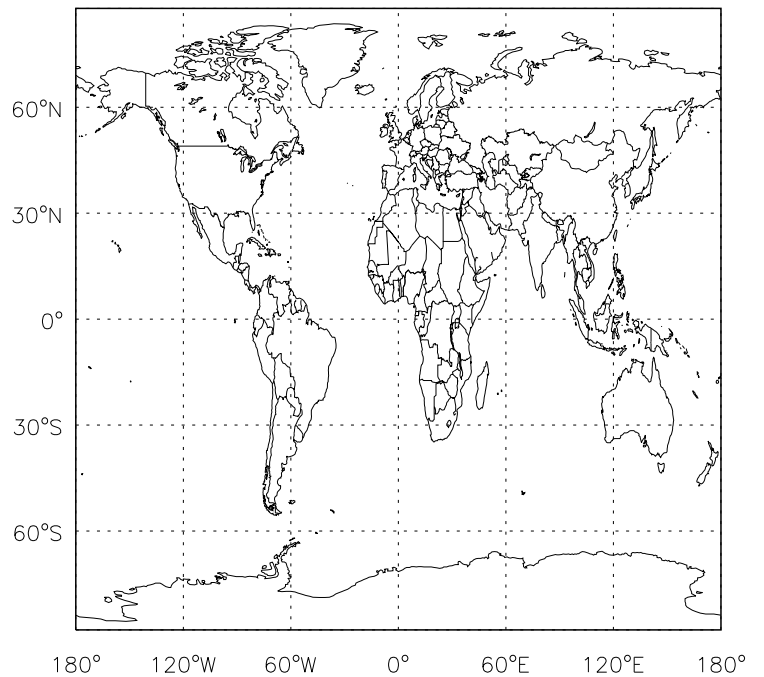
v11-01d-Run1 / v11-01b-Run0
CH3Cl/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
CH3Cl / Ratio @ Surface for Oct

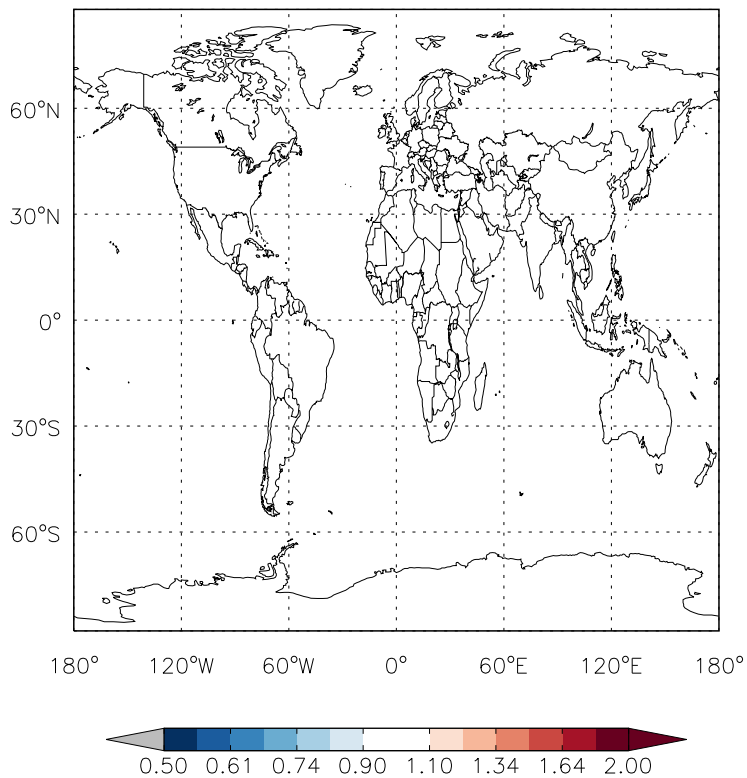


v11-01d-Run1 / v10-01-public-Run0
CH3Cl/ Ratio @ 500 hPa for Oct

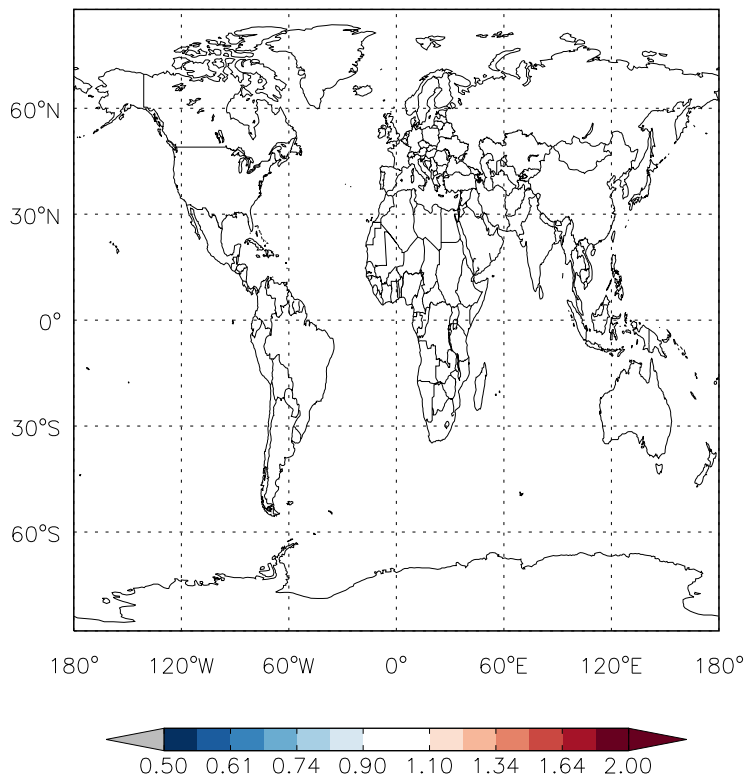


GEOS-Chem Ratio Maps at surface and 500 hPa

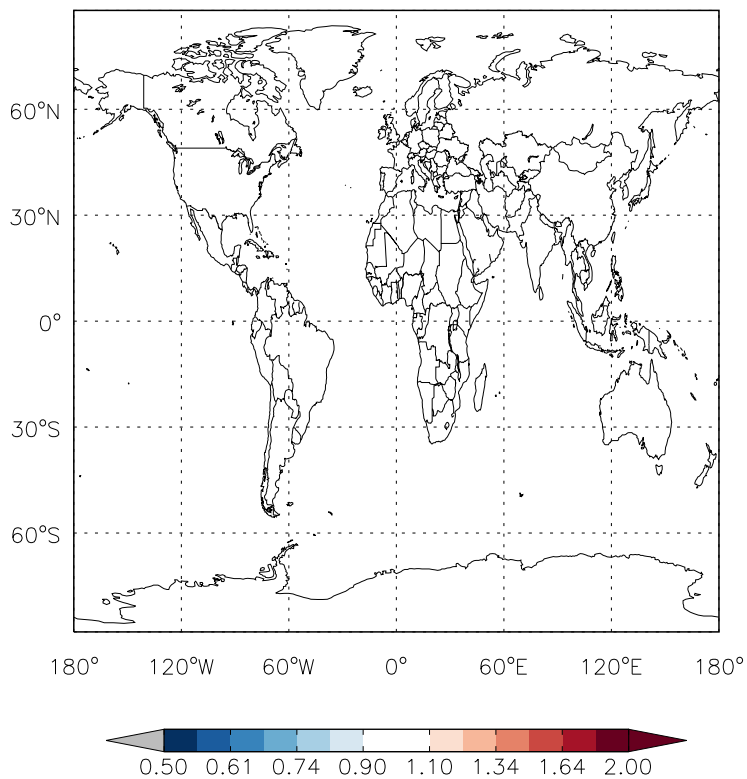
v11-01d-Run1 / v11-01b-Run0
CH3CCI3 / Ratio @ Surface for Oct



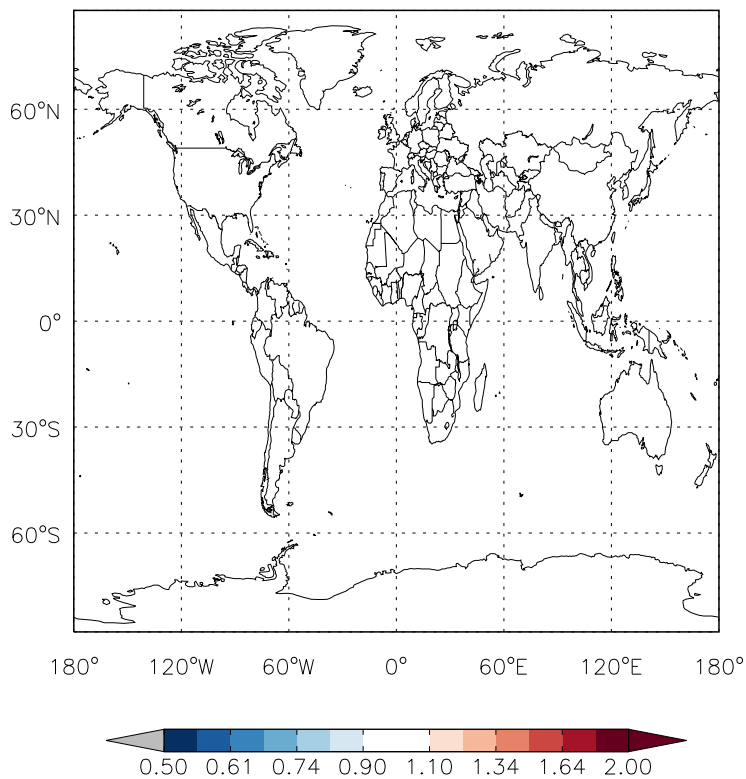
v11-01d-Run1 / v11-01b-Run0
CH3CCI3/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
CH3CCI3 / Ratio @ Surface for Oct



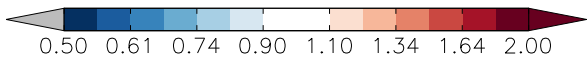
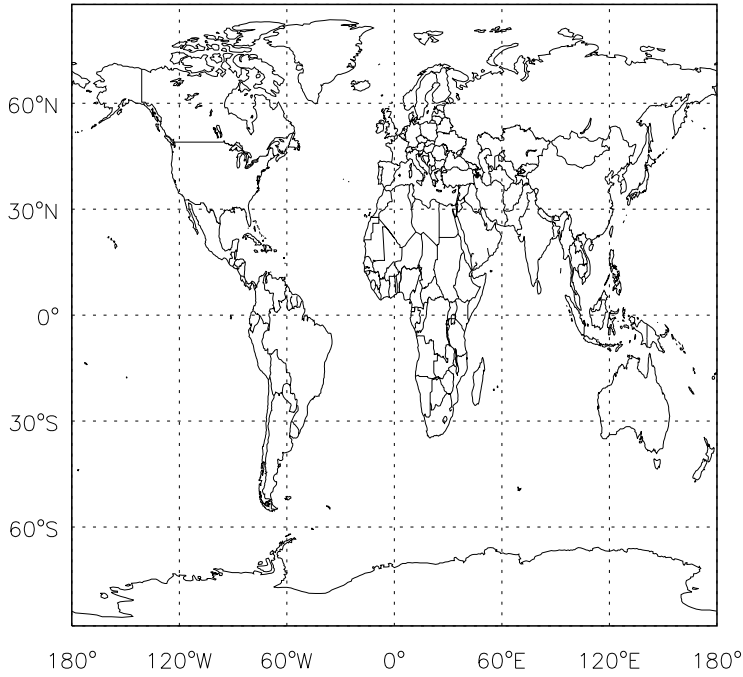
v11-01d-Run1 / v10-01-public-Run0
CH3CCI3/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

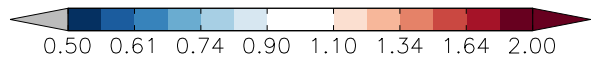
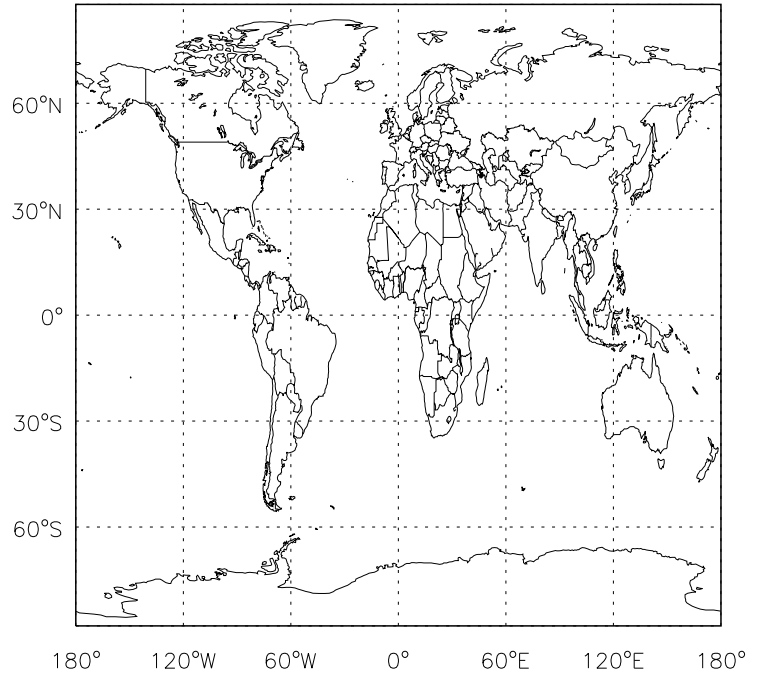
v11-01d-Run1 / v11-01b-Run0

CFCX / Ratio @ Surface for Oct



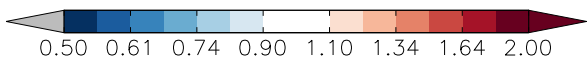
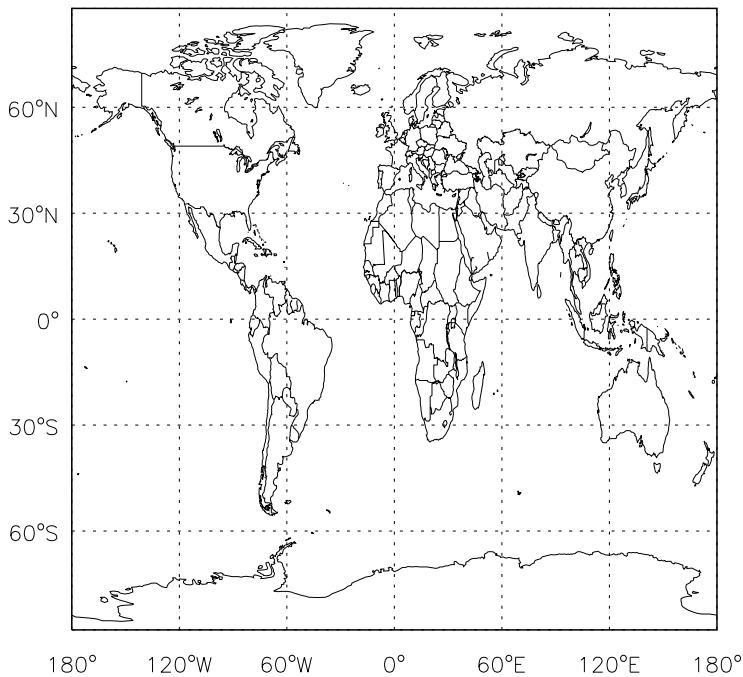
v11-01d-Run1 / v11-01b-Run0

CFCX/ Ratio @ 500 hPa for Oct



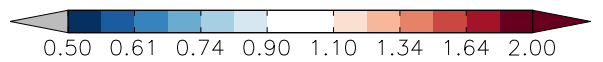
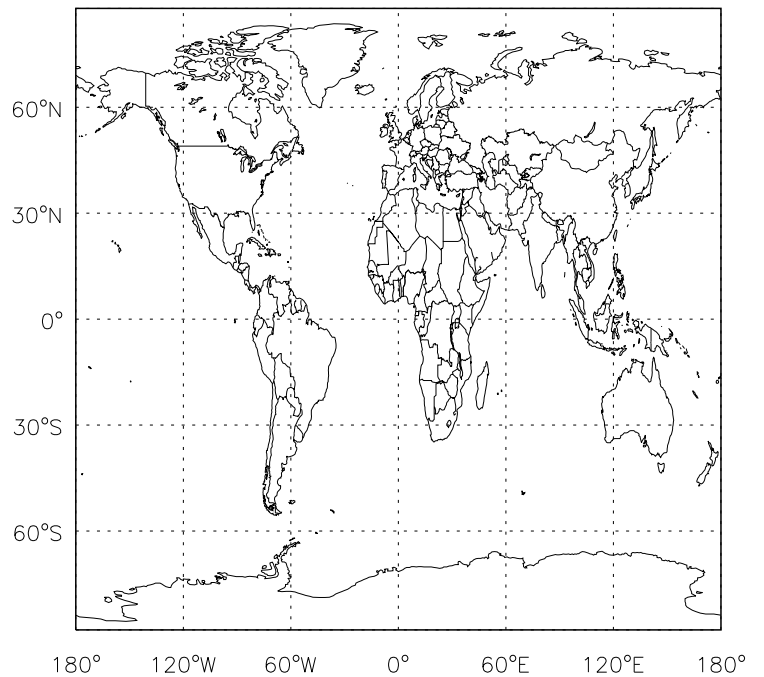
v11-01d-Run1 / v10-01-public-Run0

CFCX / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

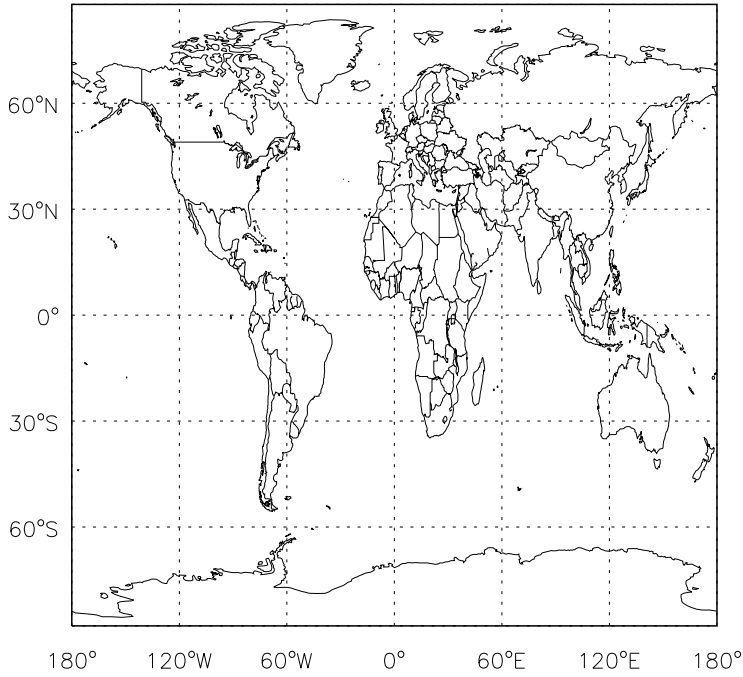
CFCX/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

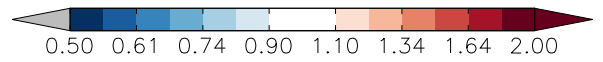
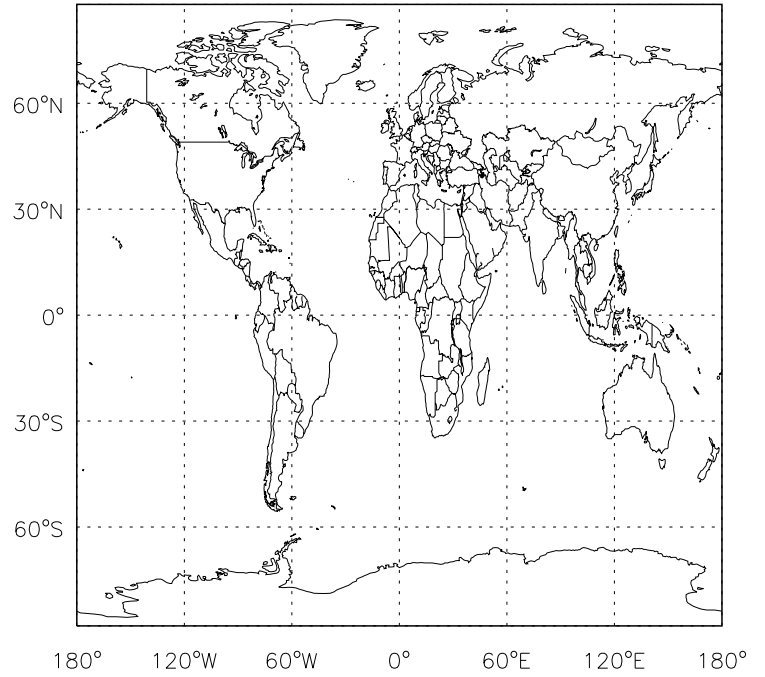
v11-01d-Run1 / v11-01b-Run0

HCFCX / Ratio @ Surface for Oct



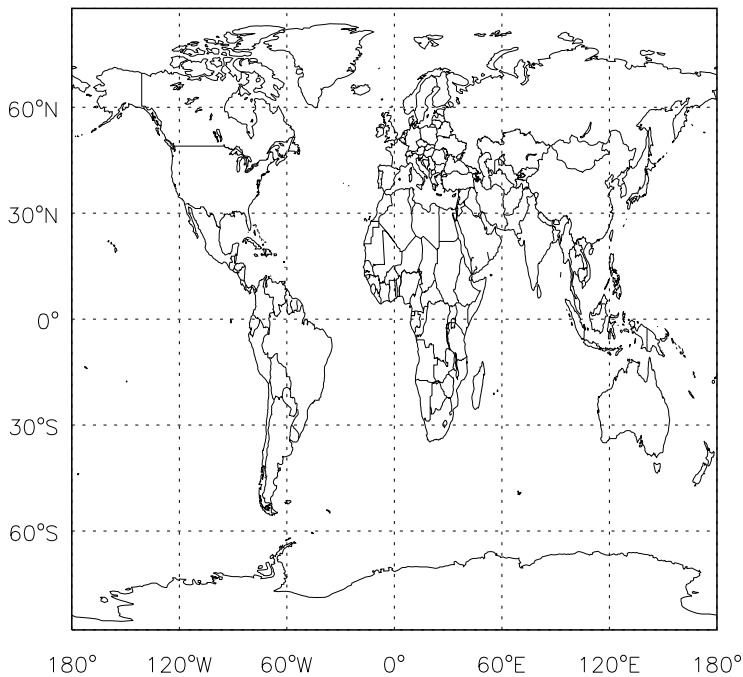
v11-01d-Run1 / v11-01b-Run0

HCFCX/ Ratio @ 500 hPa for Oct



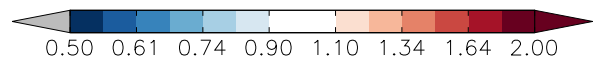
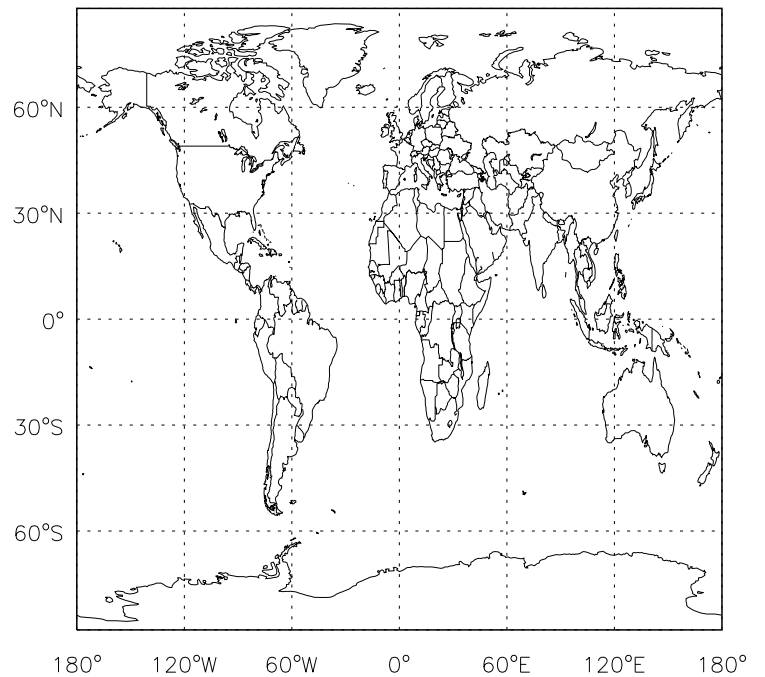
v11-01d-Run1 / v10-01-public-Run0

HCFCX / Ratio @ Surface for Oct



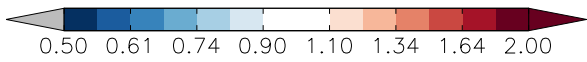
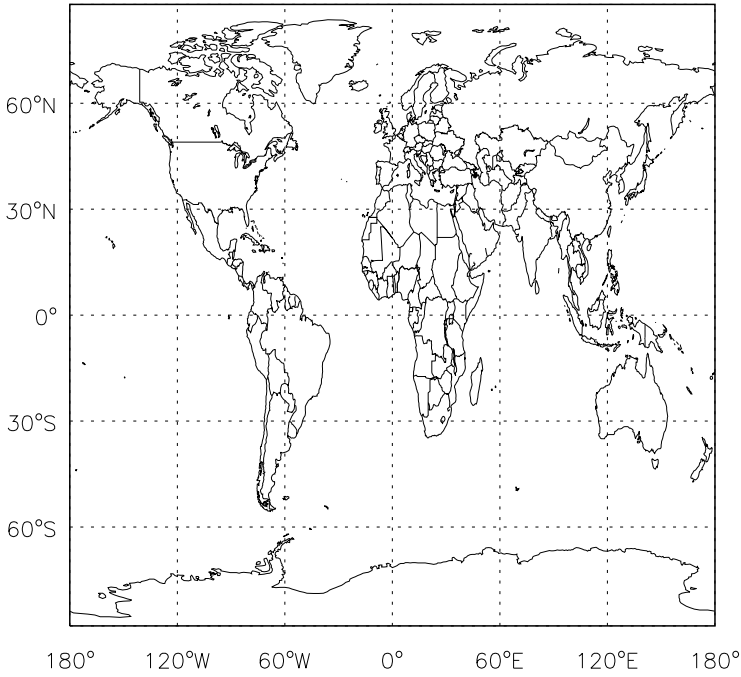
v11-01d-Run1 / v10-01-public-Run0

HCFCX/ Ratio @ 500 hPa for Oct

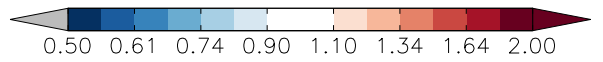
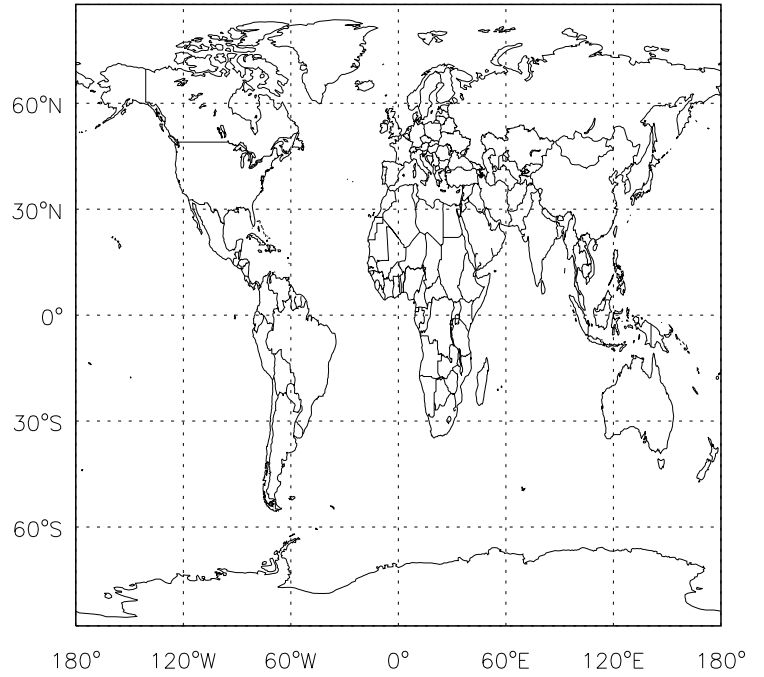


GEOS-Chem Ratio Maps at surface and 500 hPa

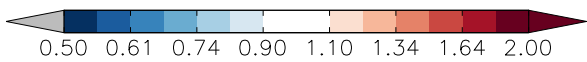
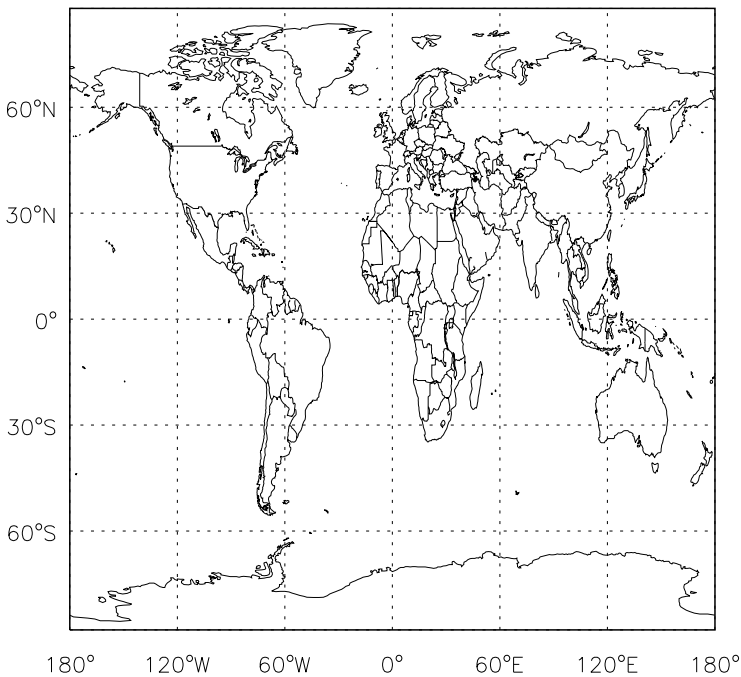
v11-01d-Run1 / v11-01b-Run0
CFC11 / Ratio @ Surface for Oct



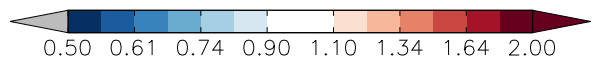
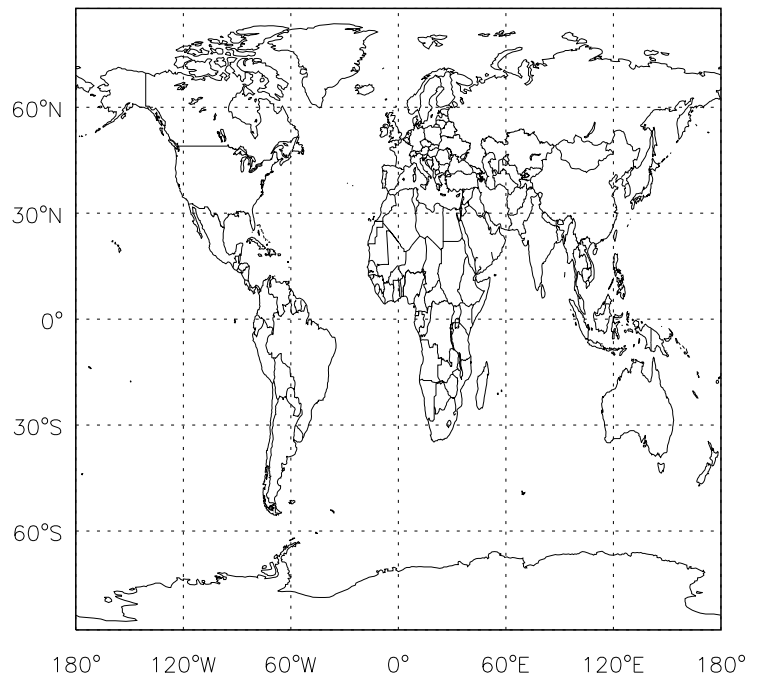
v11-01d-Run1 / v11-01b-Run0
CFC11/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
CFC11 / Ratio @ Surface for Oct



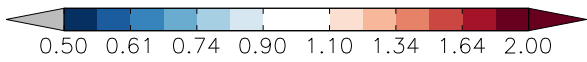
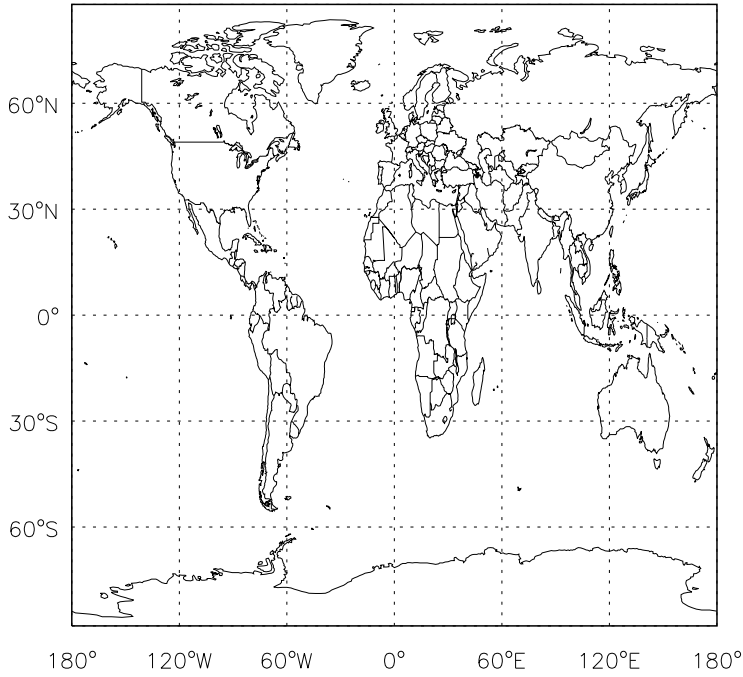
v11-01d-Run1 / v10-01-public-Run0
CFC11/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

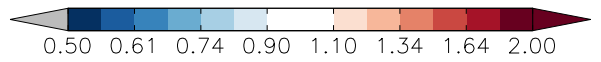
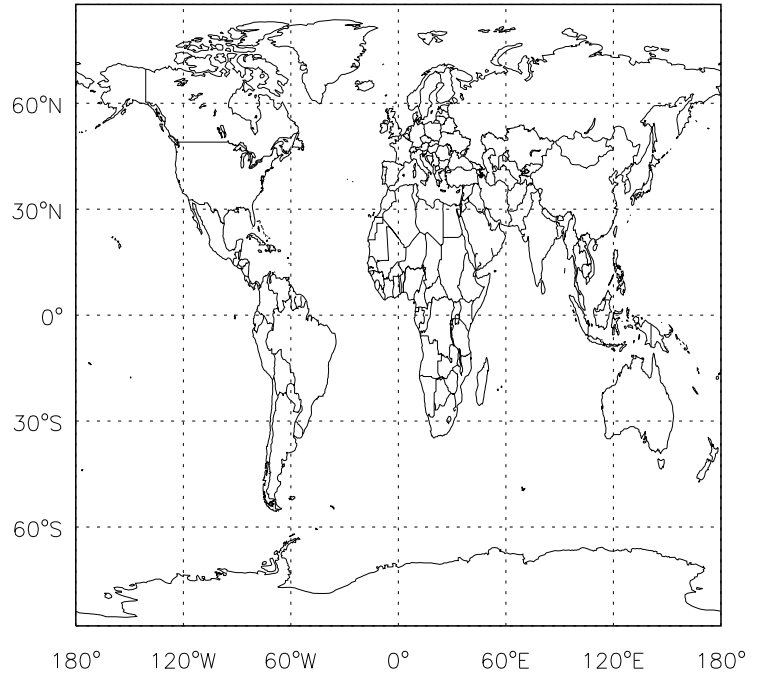
v11-01d-Run1 / v11-01b-Run0

CFC12 / Ratio @ Surface for Oct



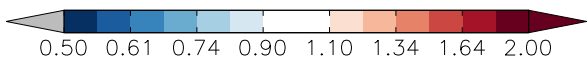
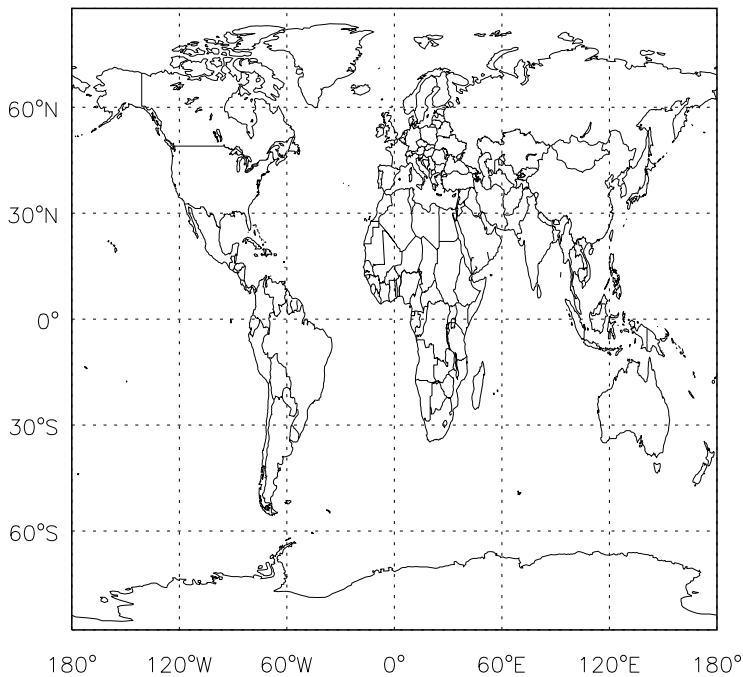
v11-01d-Run1 / v11-01b-Run0

CFC12/ Ratio @ 500 hPa for Oct



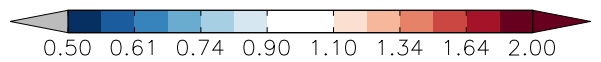
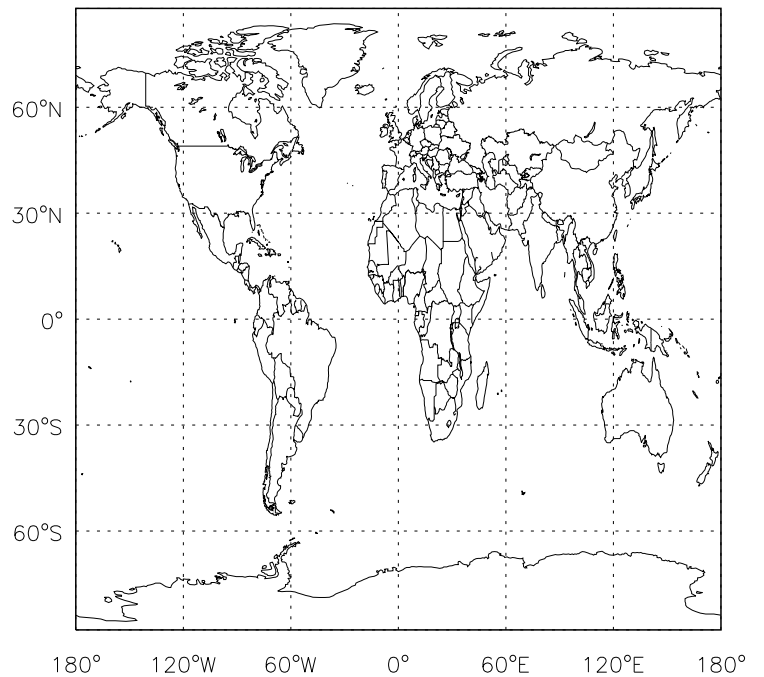
v11-01d-Run1 / v10-01-public-Run0

CFC12 / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

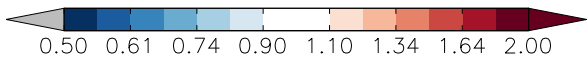
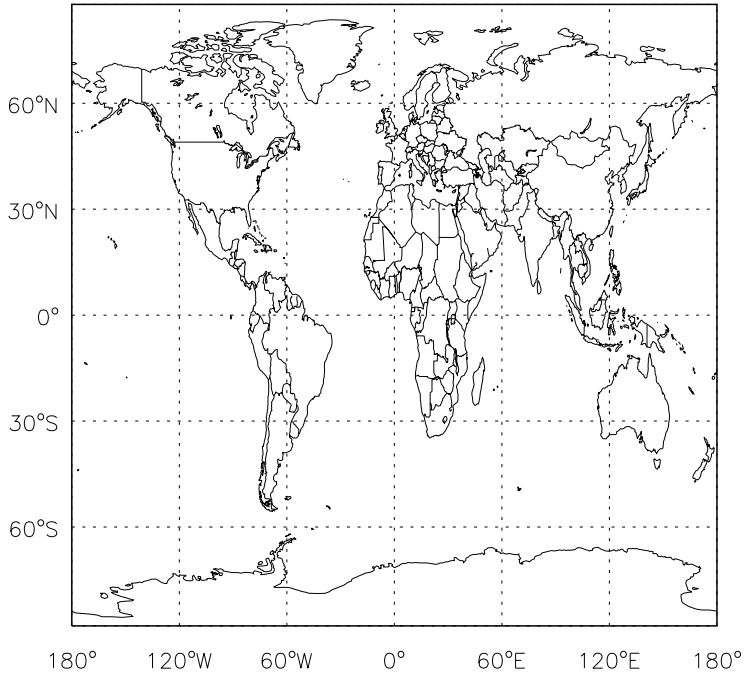
CFC12/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

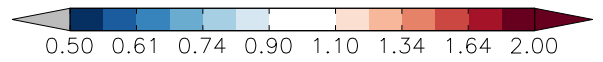
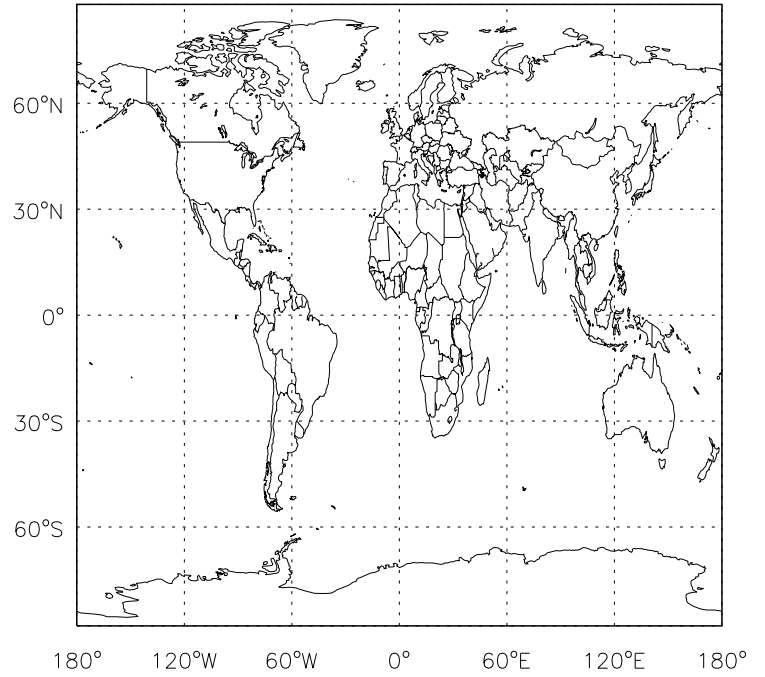
v11-01d-Run1 / v11-01b-Run0

HCFC22 / Ratio @ Surface for Oct



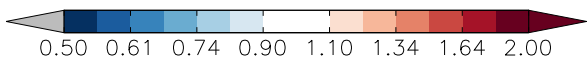
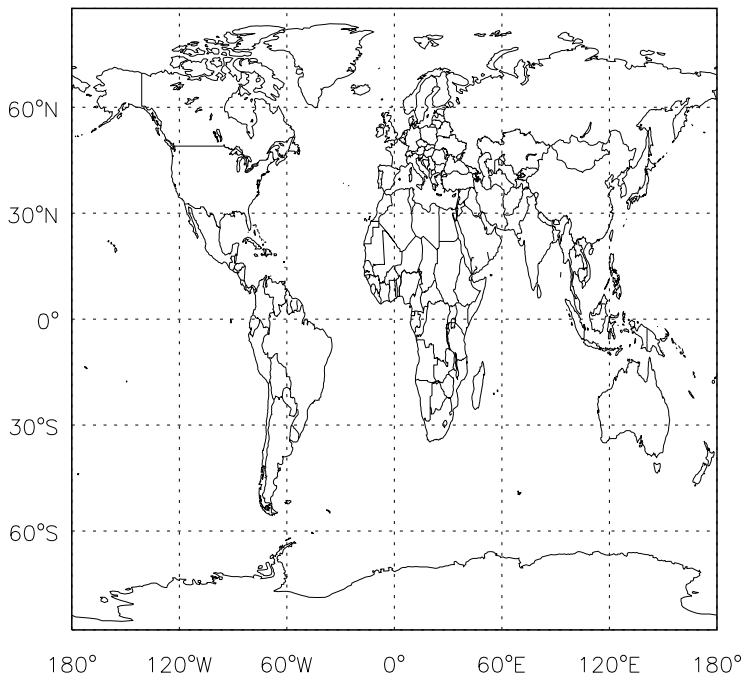
v11-01d-Run1 / v11-01b-Run0

HCFC22/ Ratio @ 500 hPa for Oct



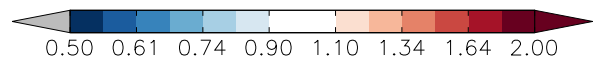
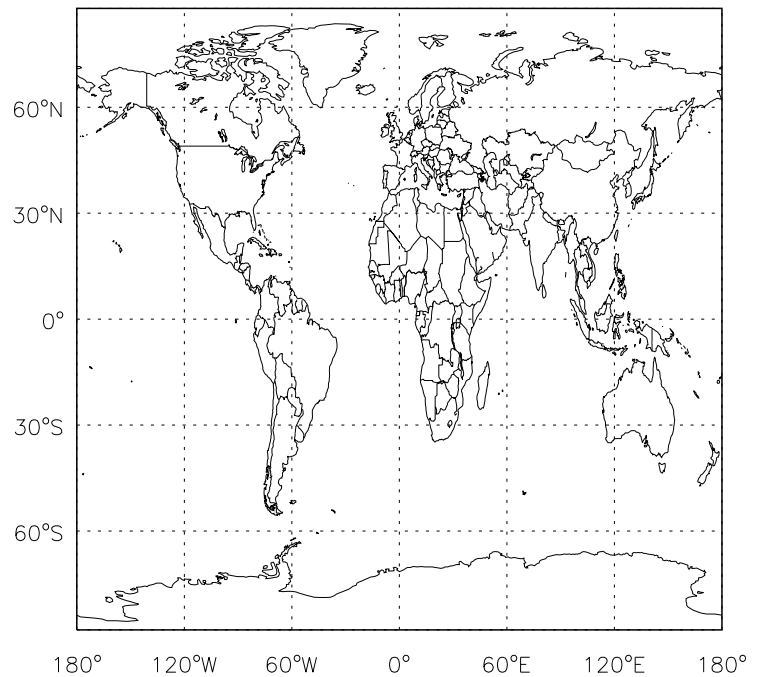
v11-01d-Run1 / v10-01-public-Run0

HCFC22 / Ratio @ Surface for Oct



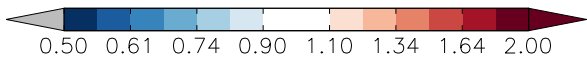
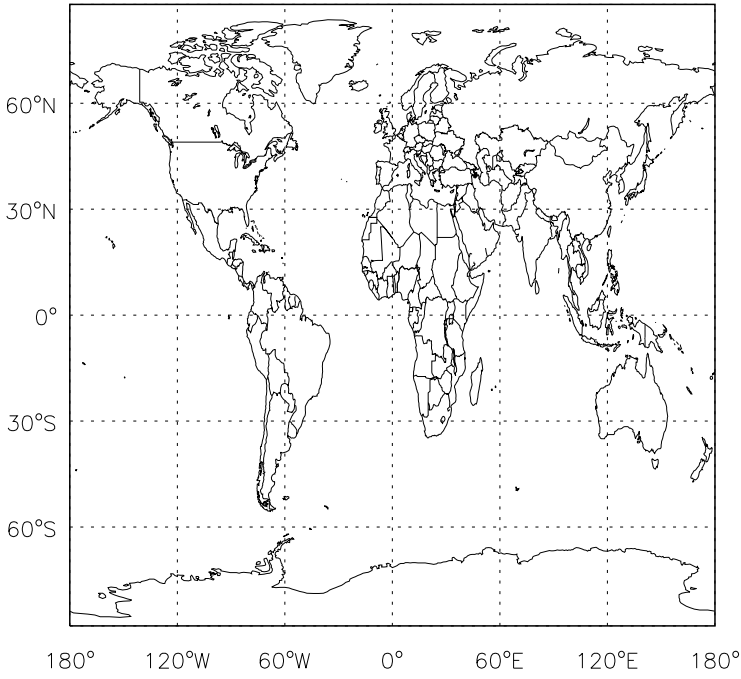
v11-01d-Run1 / v10-01-public-Run0

HCFC22/ Ratio @ 500 hPa for Oct

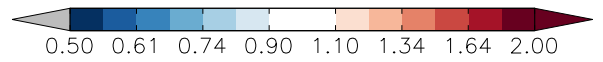
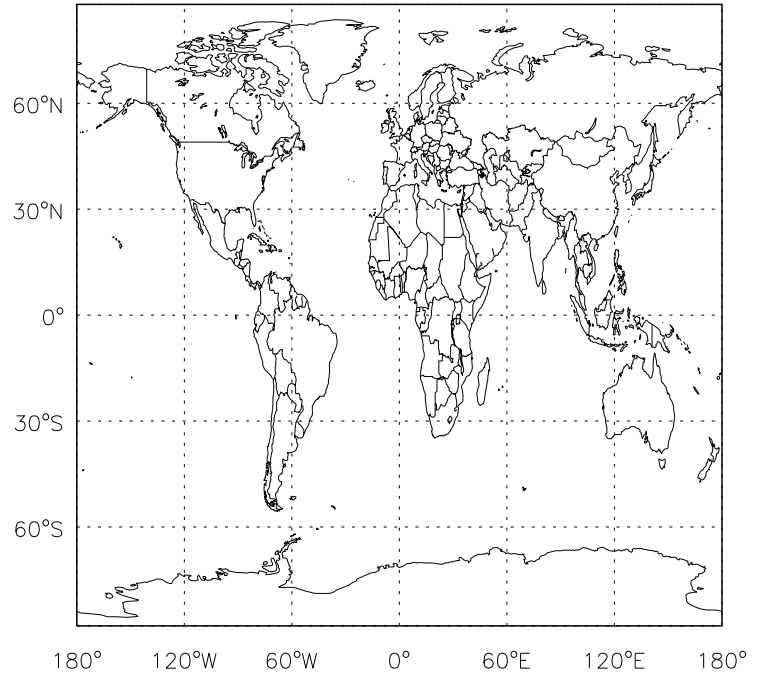


GEOS-Chem Ratio Maps at surface and 500 hPa

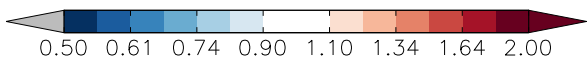
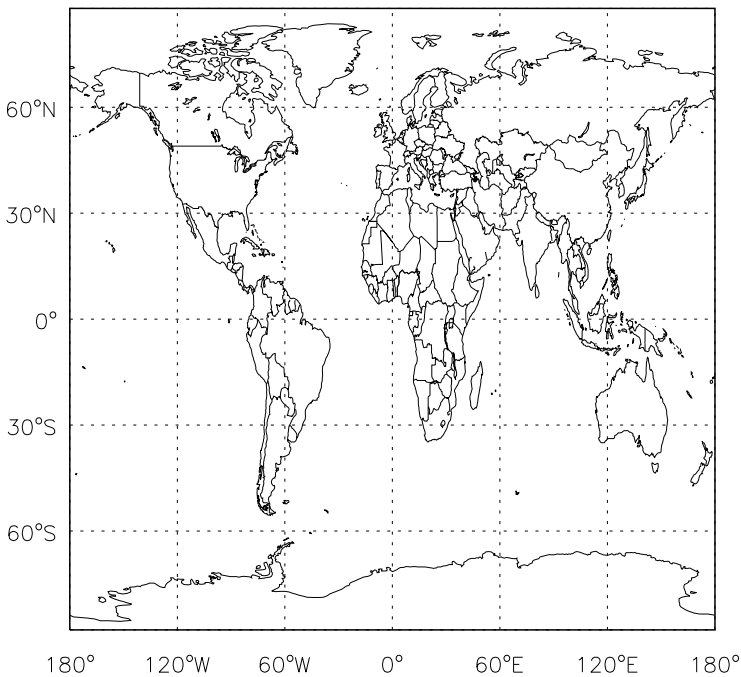
v11-01d-Run1 / v11-01b-Run0
H1211 / Ratio @ Surface for Oct



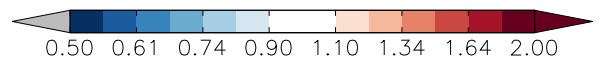
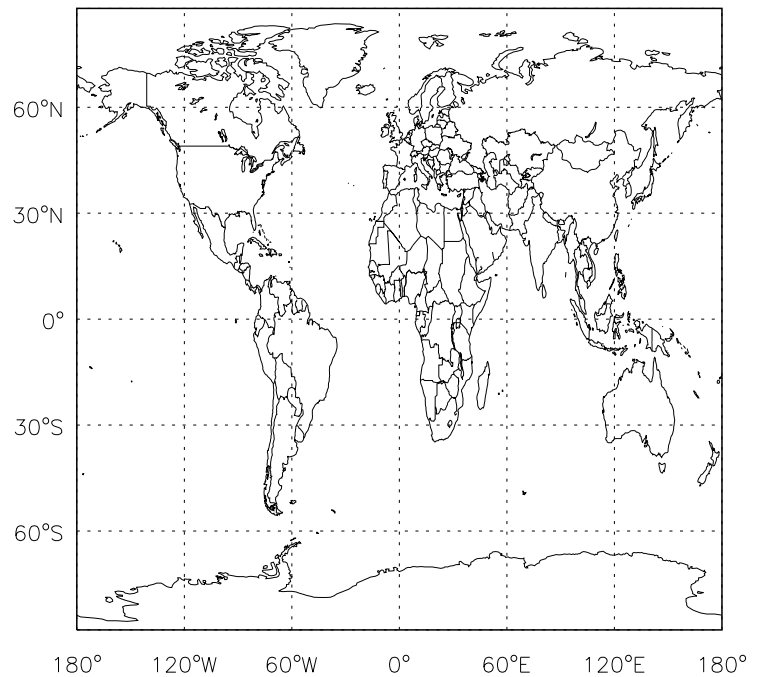
v11-01d-Run1 / v11-01b-Run0
H1211/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
H1211 / Ratio @ Surface for Oct

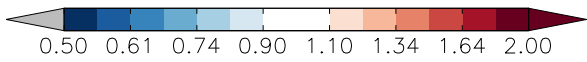
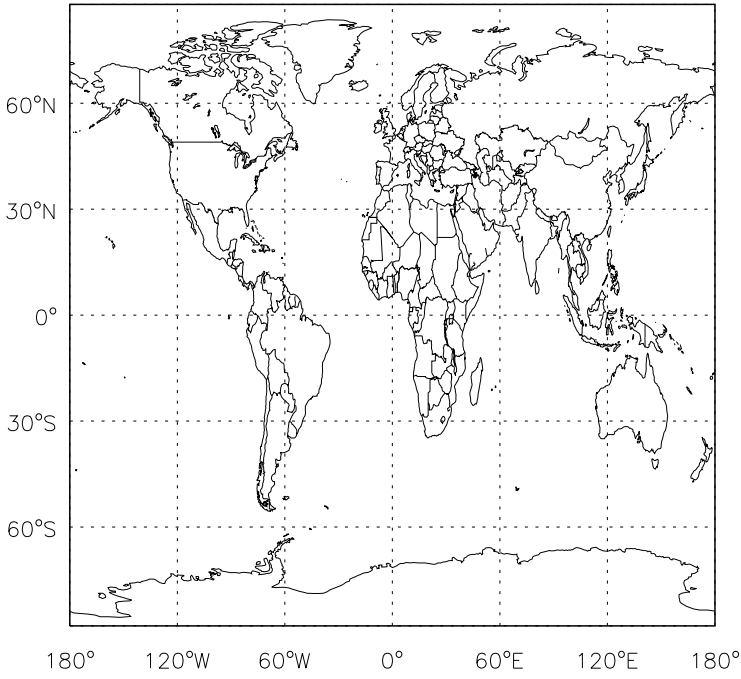


v11-01d-Run1 / v10-01-public-Run0
H1211/ Ratio @ 500 hPa for Oct

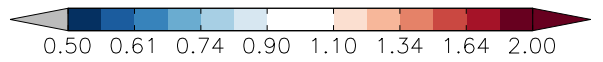
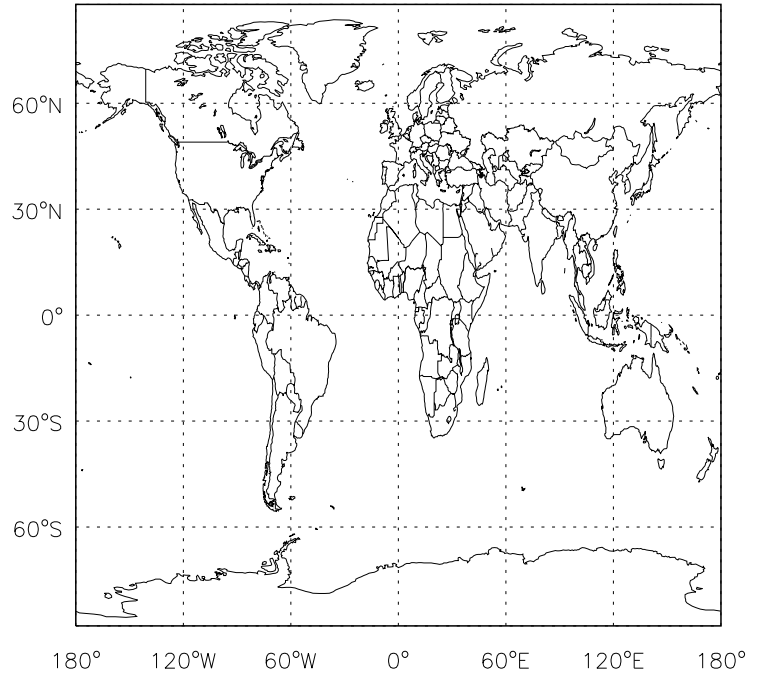


GEOS-Chem Ratio Maps at surface and 500 hPa

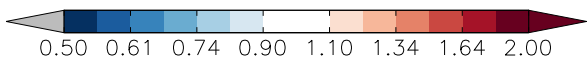
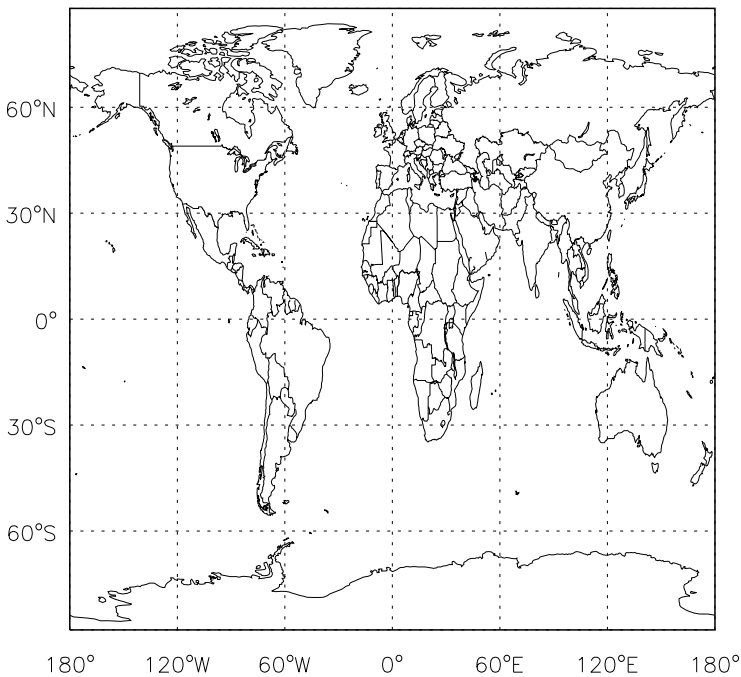
v11-01d-Run1 / v11-01b-Run0
H1301 / Ratio @ Surface for Oct



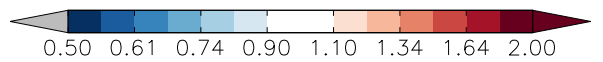
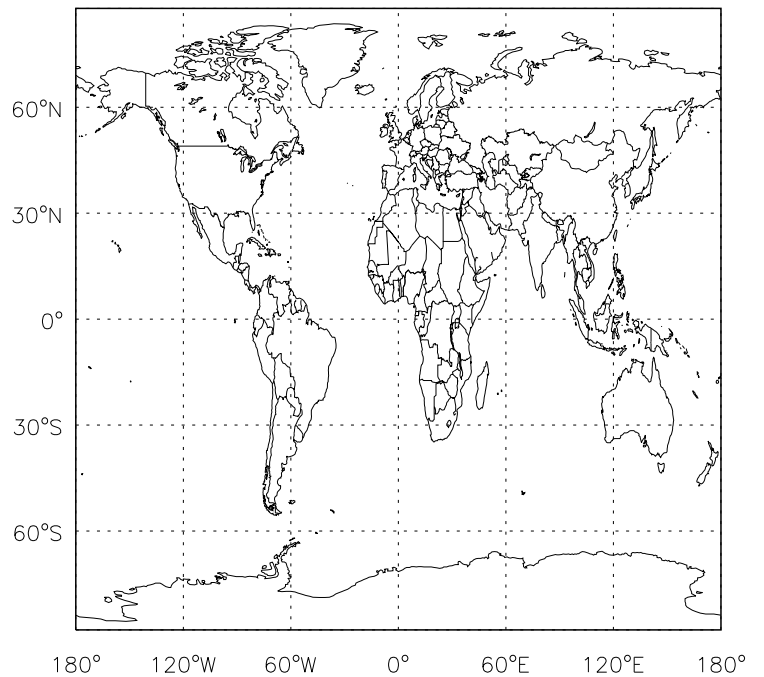
v11-01d-Run1 / v11-01b-Run0
H1301 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
H1301 / Ratio @ Surface for Oct

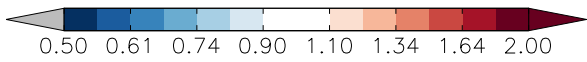
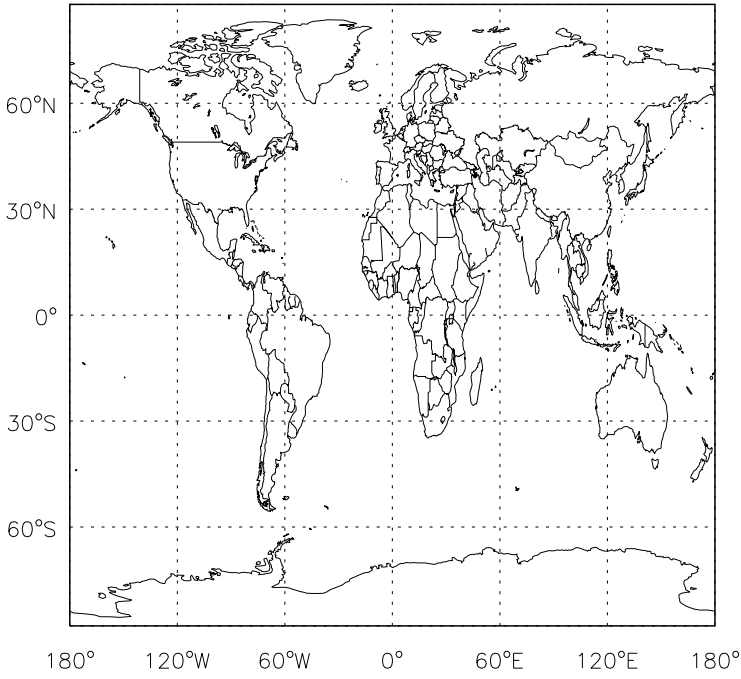


v11-01d-Run1 / v10-01-public-Run0
H1301 / Ratio @ 500 hPa for Oct

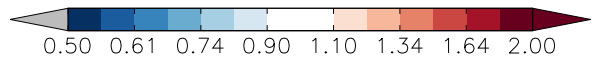
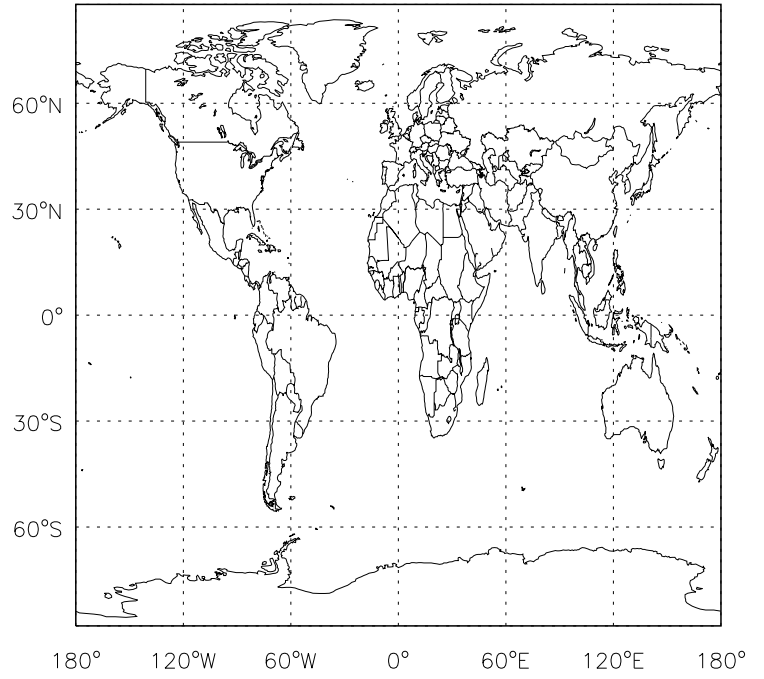


GEOS-Chem Ratio Maps at surface and 500 hPa

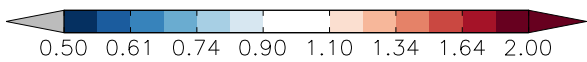
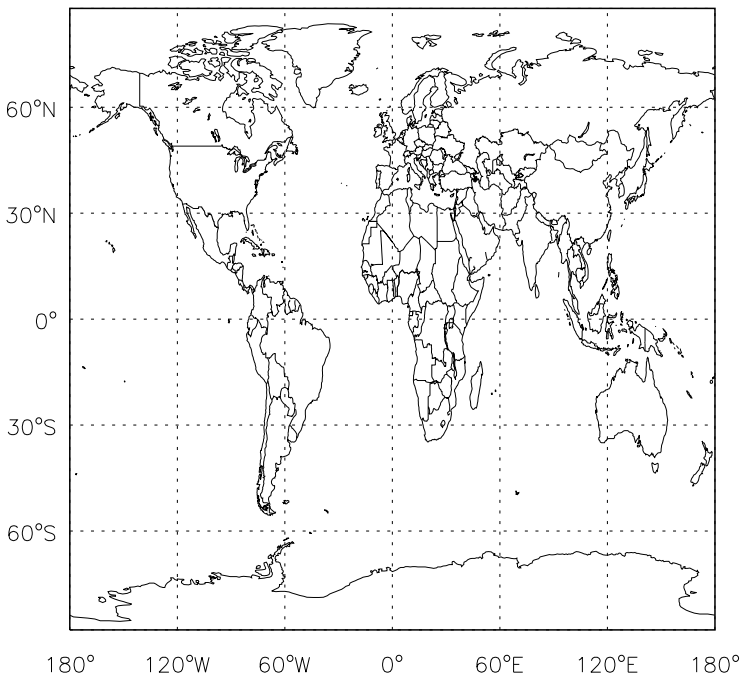
v11-01d-Run1 / v11-01b-Run0
H2402 / Ratio @ Surface for Oct



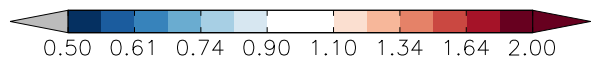
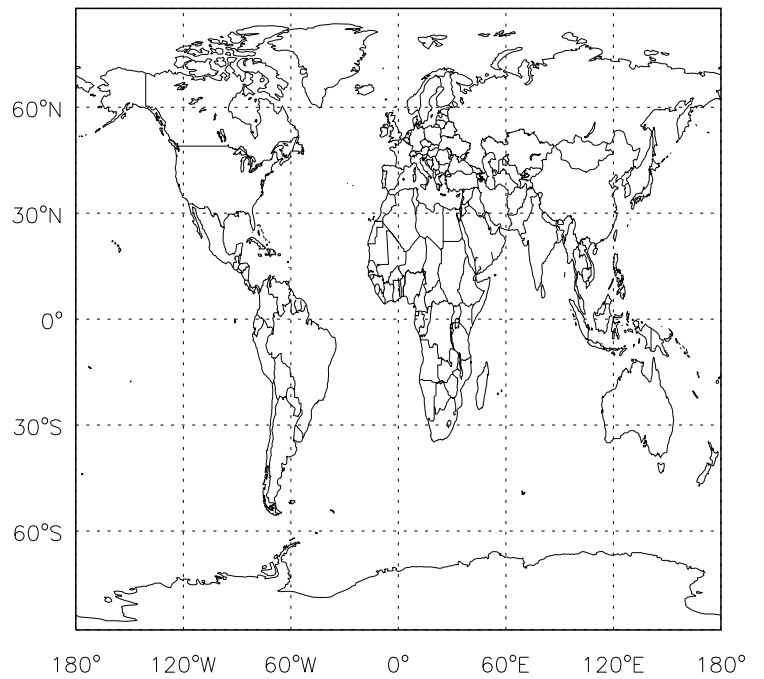
v11-01d-Run1 / v11-01b-Run0
H2402/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
H2402 / Ratio @ Surface for Oct



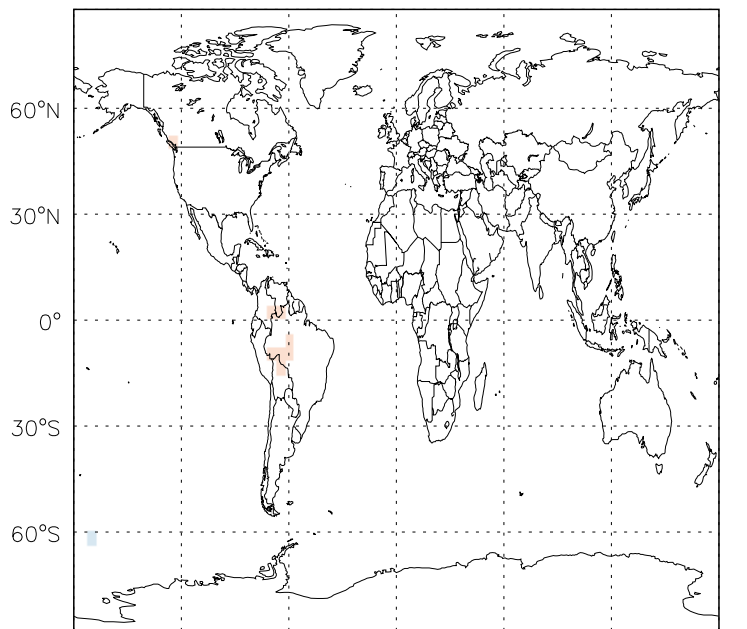
v11-01d-Run1 / v10-01-public-Run0
H2402/ Ratio @ 500 hPa for Oct



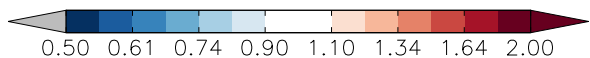
GEOS-Chem Ratio Maps at surface and 500 hPa

v11-01d-Run1 / v11-01b-Run0

Cl / Ratio @ Surface for Oct

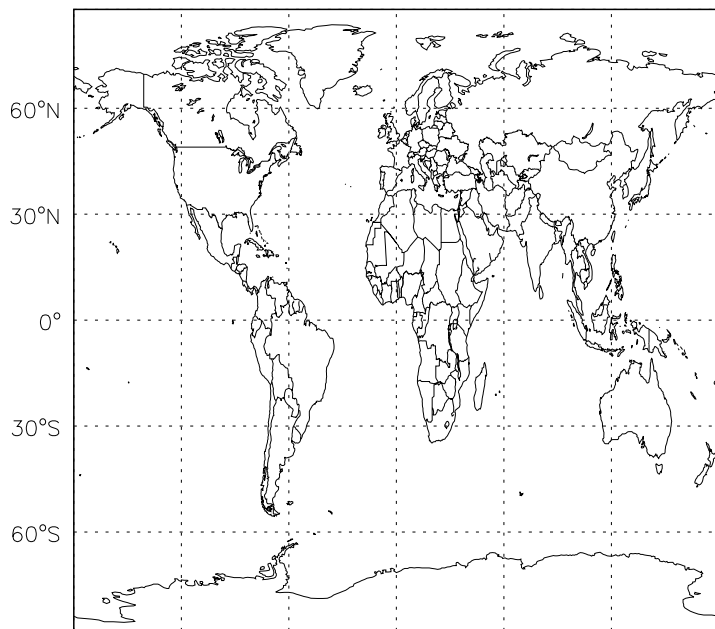


180° 120°W 60°W 0° 60°E 120°E 180°

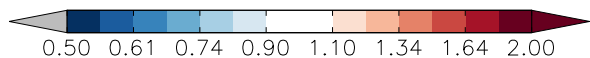


v11-01d-Run1 / v11-01b-Run0

Cl / Ratio @ 500 hPa for Oct

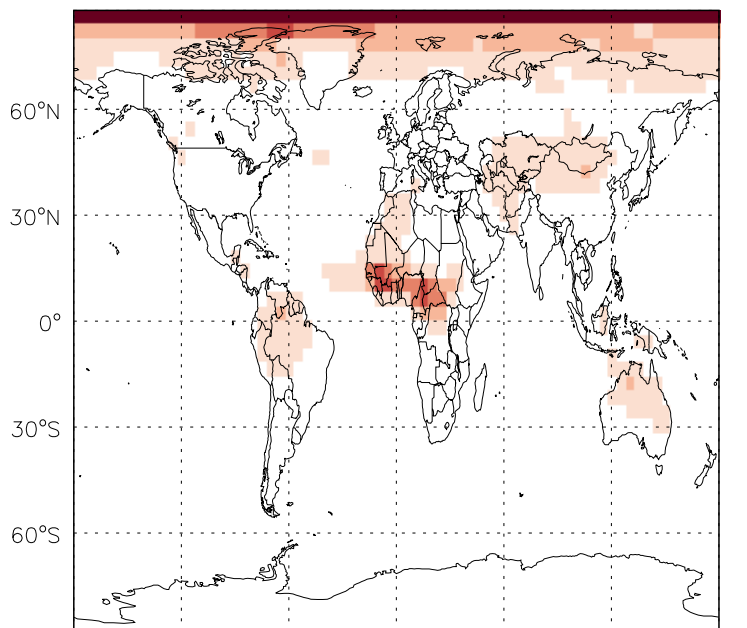


180° 120°W 60°W 0° 60°E 120°E 180°

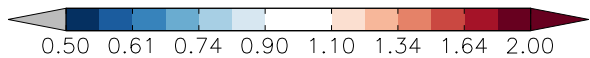


v11-01d-Run1 / v10-01-public-Run0

Cl / Ratio @ Surface for Oct

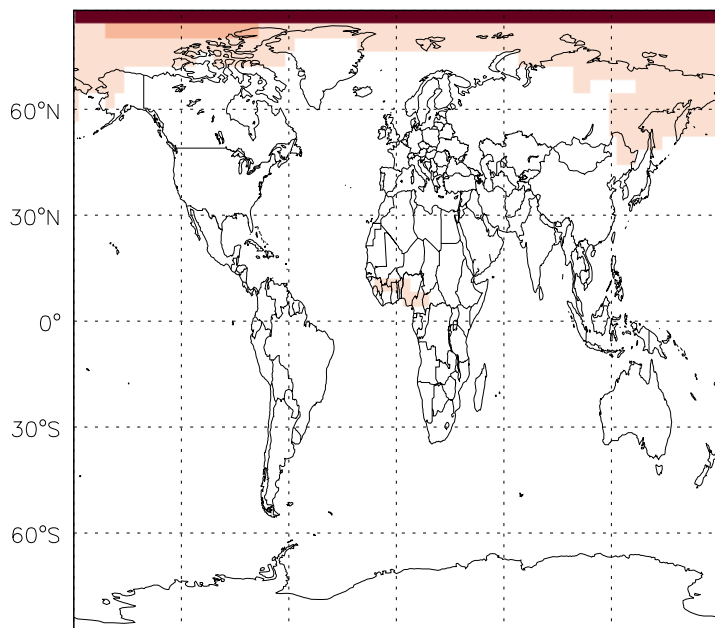


180° 120°W 60°W 0° 60°E 120°E 180°

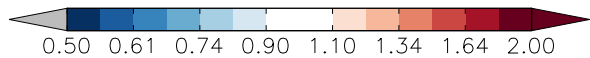


v11-01d-Run1 / v10-01-public-Run0

Cl / Ratio @ 500 hPa for Oct



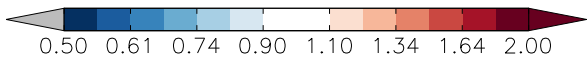
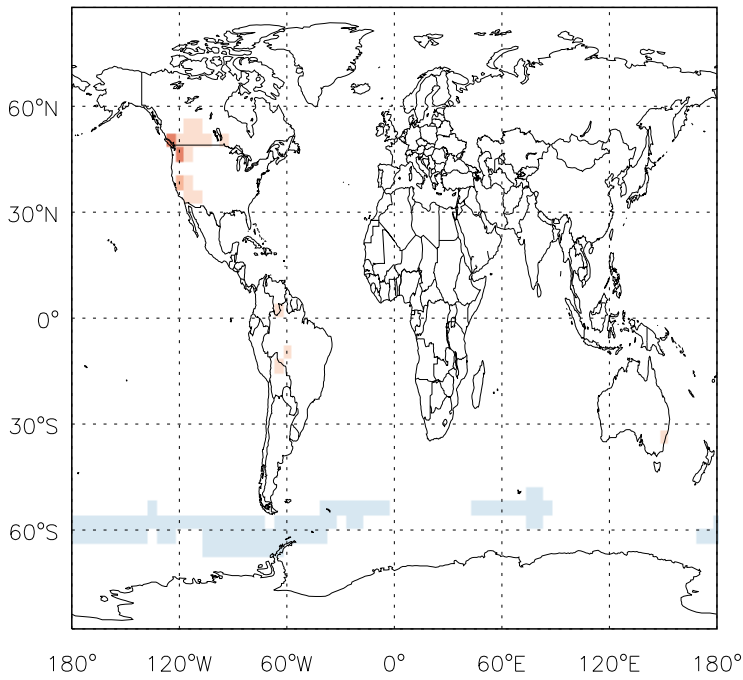
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Ratio Maps at surface and 500 hPa

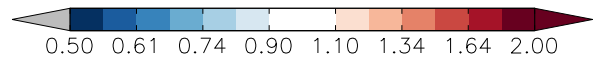
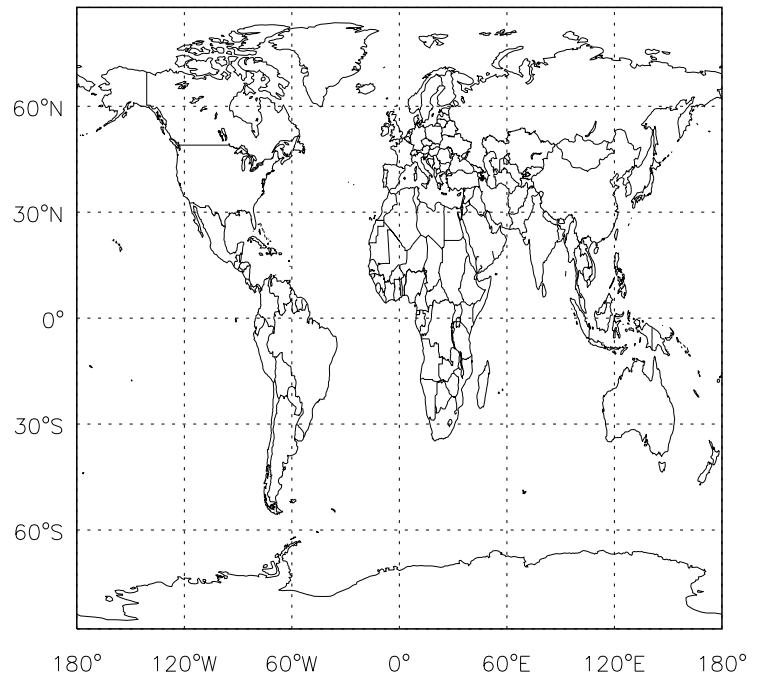
v11-01d-Run1 / v11-01b-Run0

CIO / Ratio @ Surface for Oct



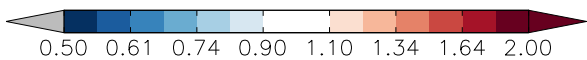
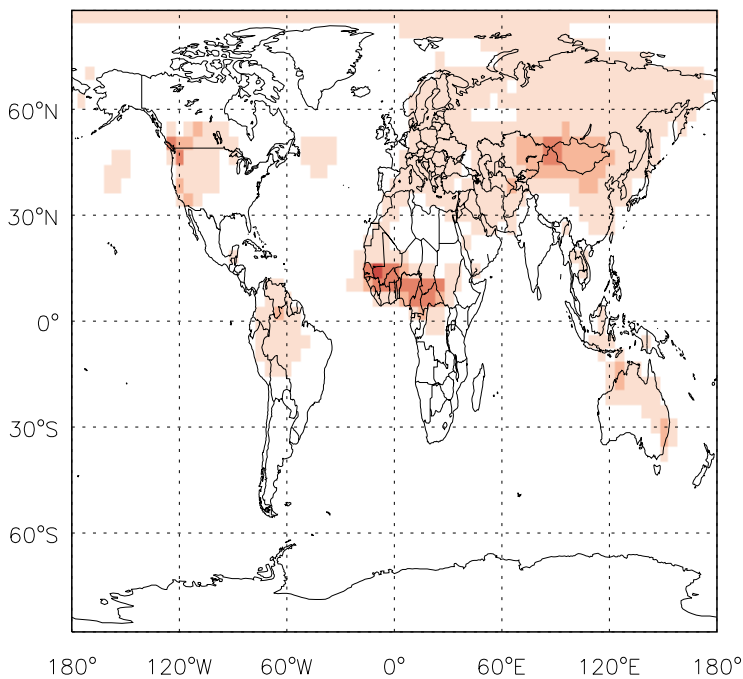
v11-01d-Run1 / v11-01b-Run0

CIO/ Ratio @ 500 hPa for Oct



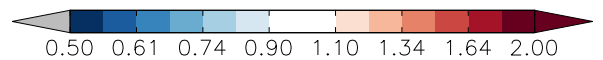
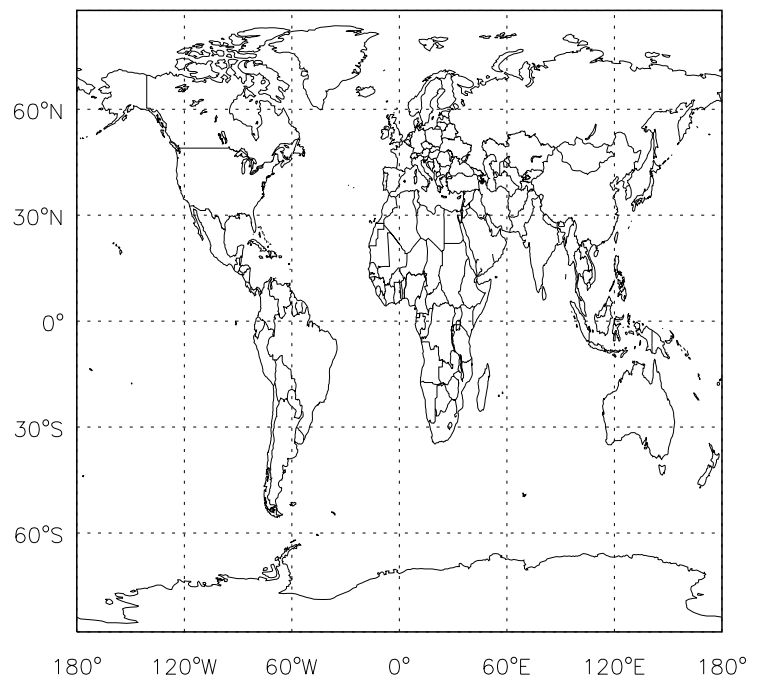
v11-01d-Run1 / v10-01-public-Run0

CIO / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

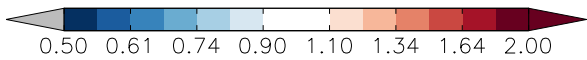
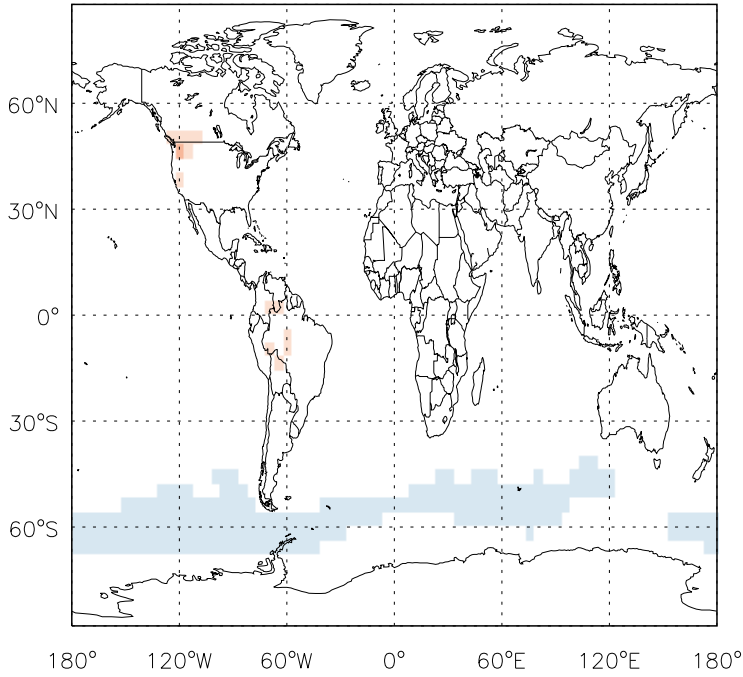
CIO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

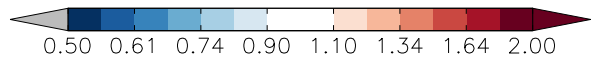
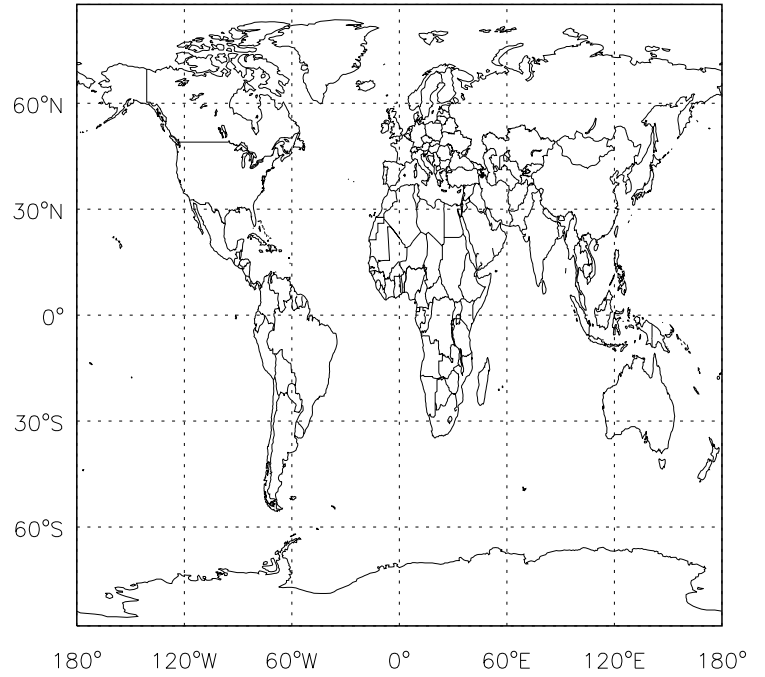
v11-01d-Run1 / v11-01b-Run0

HOCl / Ratio @ Surface for Oct



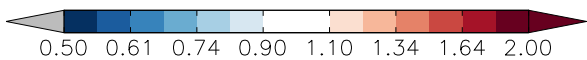
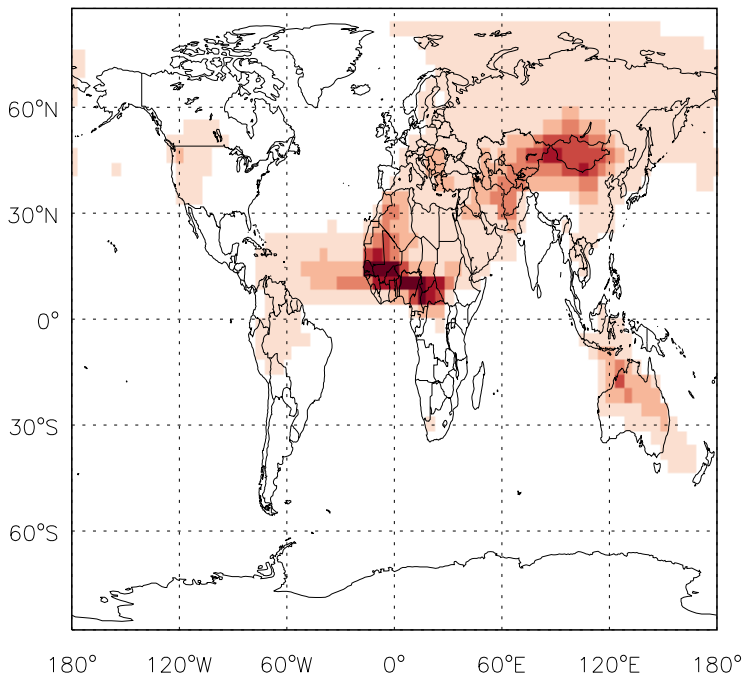
v11-01d-Run1 / v11-01b-Run0

HOCl / Ratio @ 500 hPa for Oct



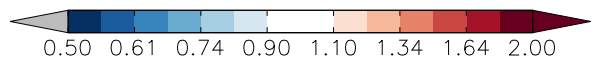
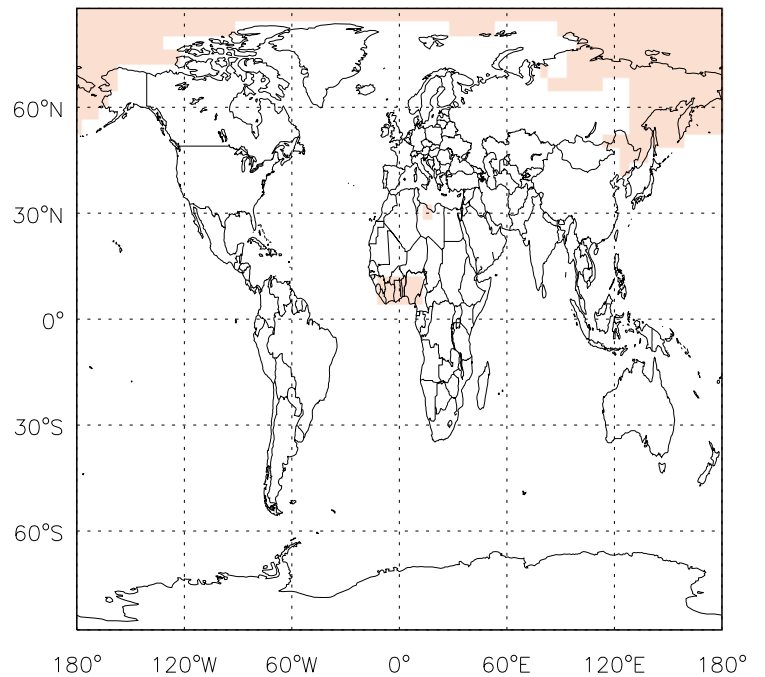
v11-01d-Run1 / v10-01-public-Run0

HOCl / Ratio @ Surface for Oct



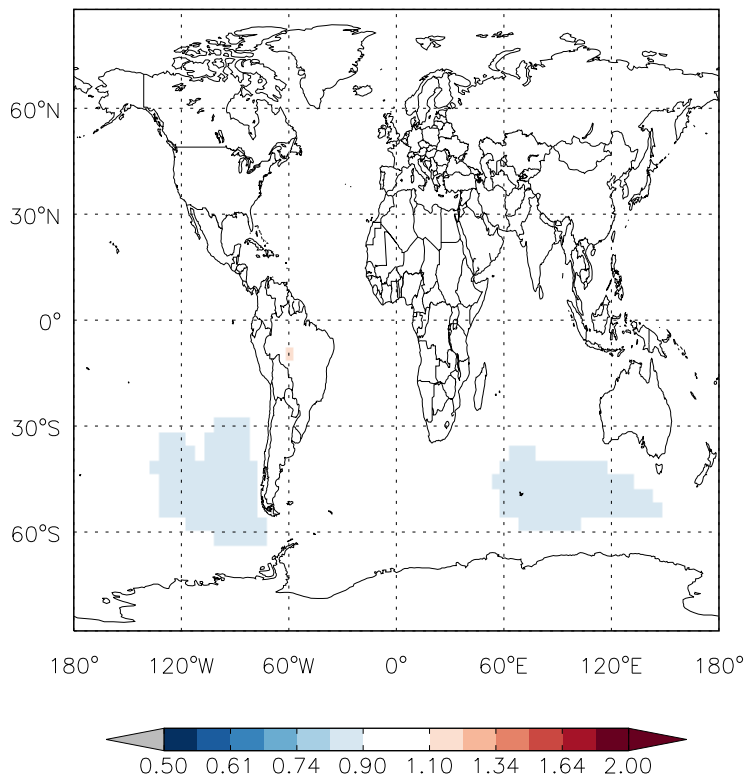
v11-01d-Run1 / v10-01-public-Run0

HOCl / Ratio @ 500 hPa for Oct

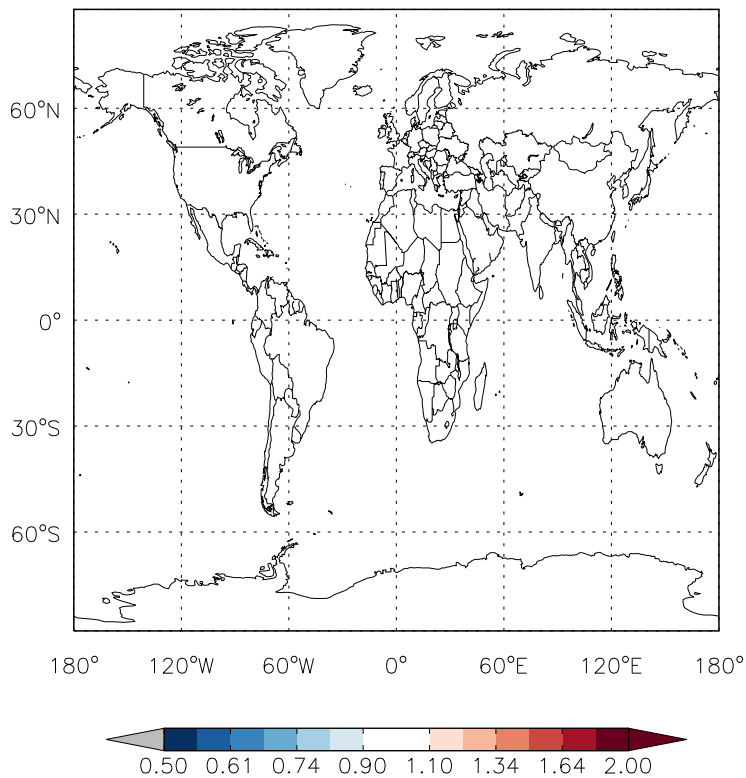


GEOS-Chem Ratio Maps at surface and 500 hPa

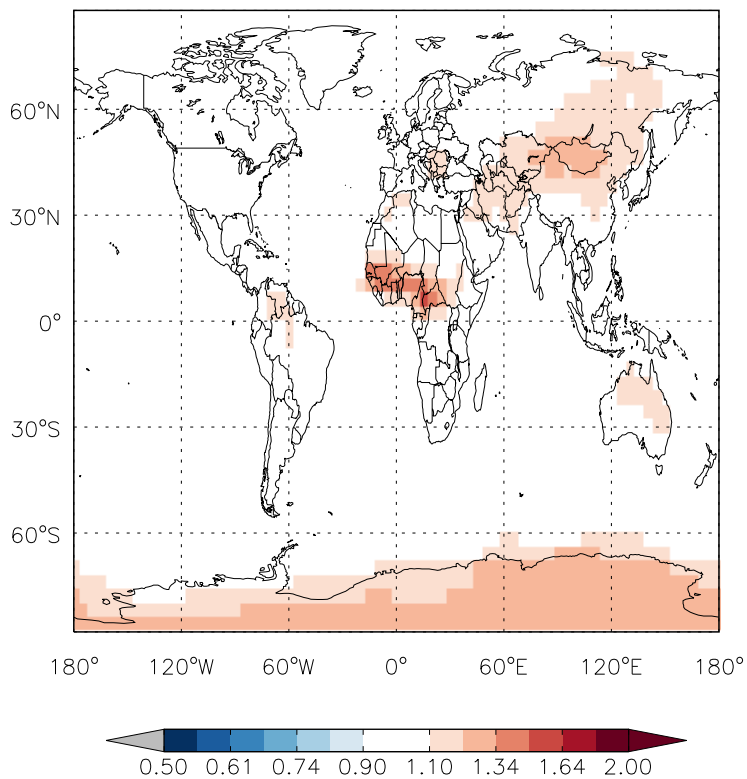
v11-01d-Run1 / v11-01b-Run0
CINO3 / Ratio @ Surface for Oct



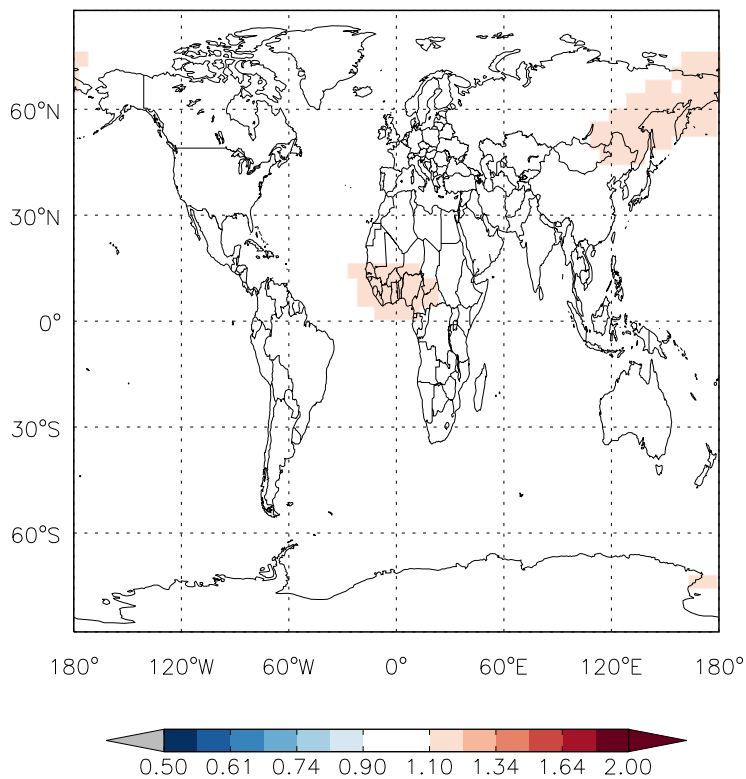
v11-01d-Run1 / v11-01b-Run0
CINO3/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
CINO3 / Ratio @ Surface for Oct

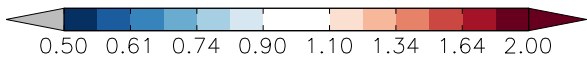
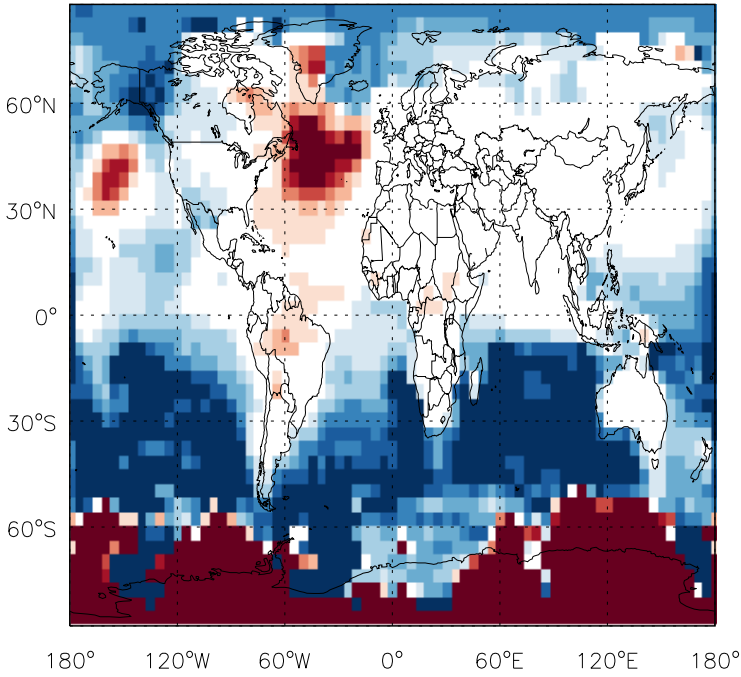


v11-01d-Run1 / v10-01-public-Run0
CINO3/ Ratio @ 500 hPa for Oct

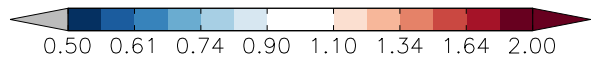
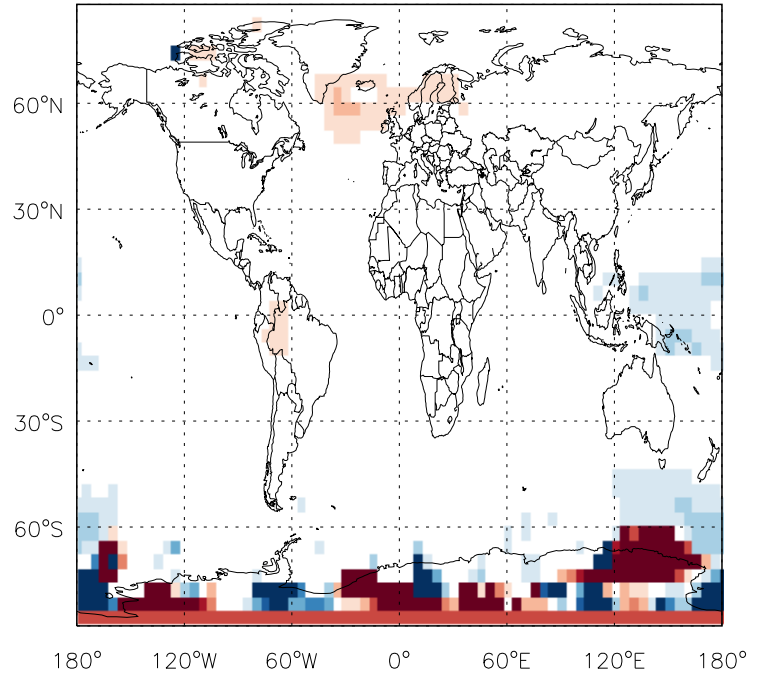


GEOS-Chem Ratio Maps at surface and 500 hPa

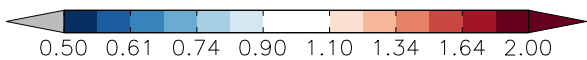
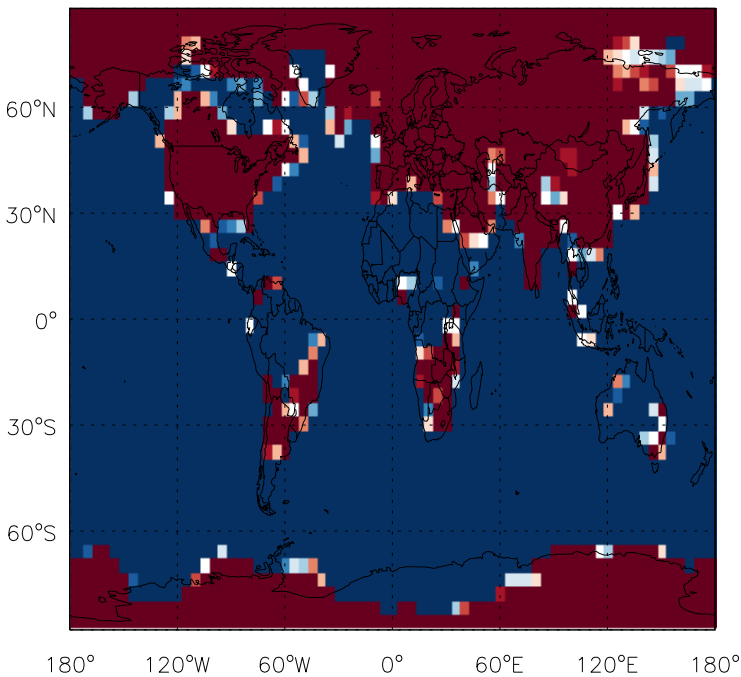
v11-01d-Run1 / v11-01b-Run0
CINO2 / Ratio @ Surface for Oct



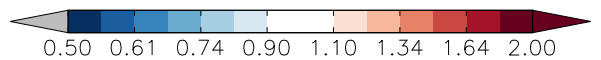
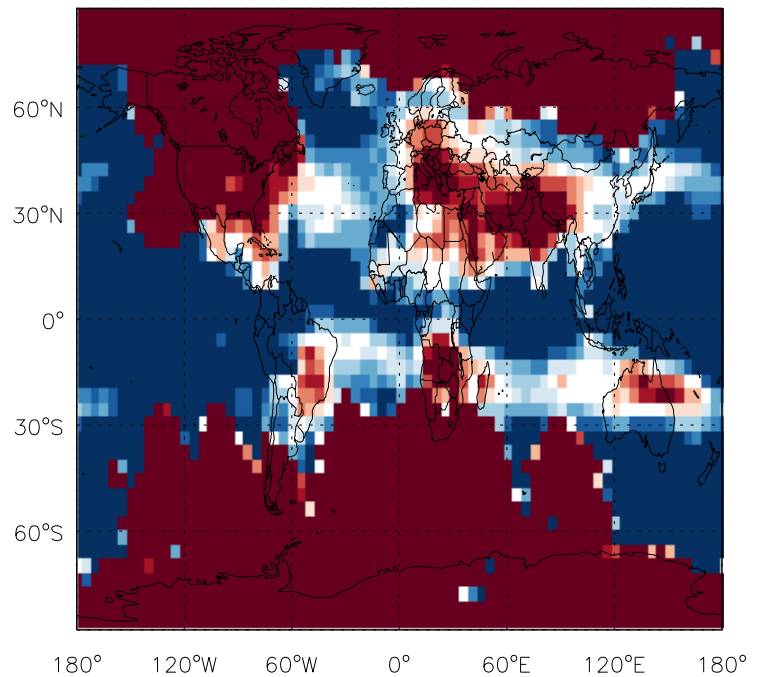
v11-01d-Run1 / v11-01b-Run0
CINO2/ Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
CINO2 / Ratio @ Surface for Oct



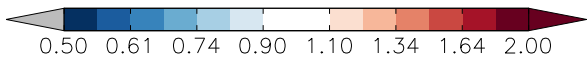
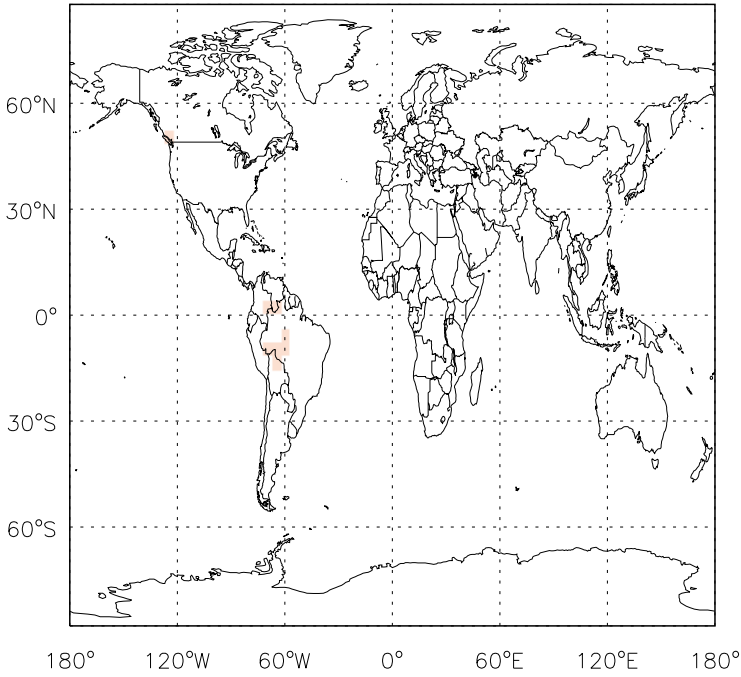
v11-01d-Run1 / v10-01-public-Run0
CINO2/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

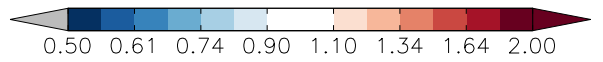
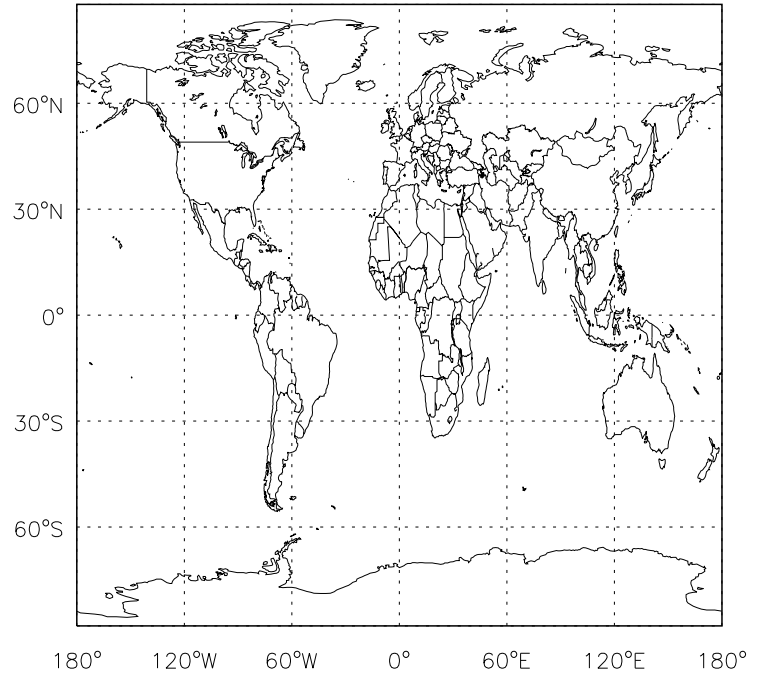
v11-01d-Run1 / v11-01b-Run0

ClOO / Ratio @ Surface for Oct



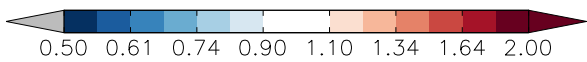
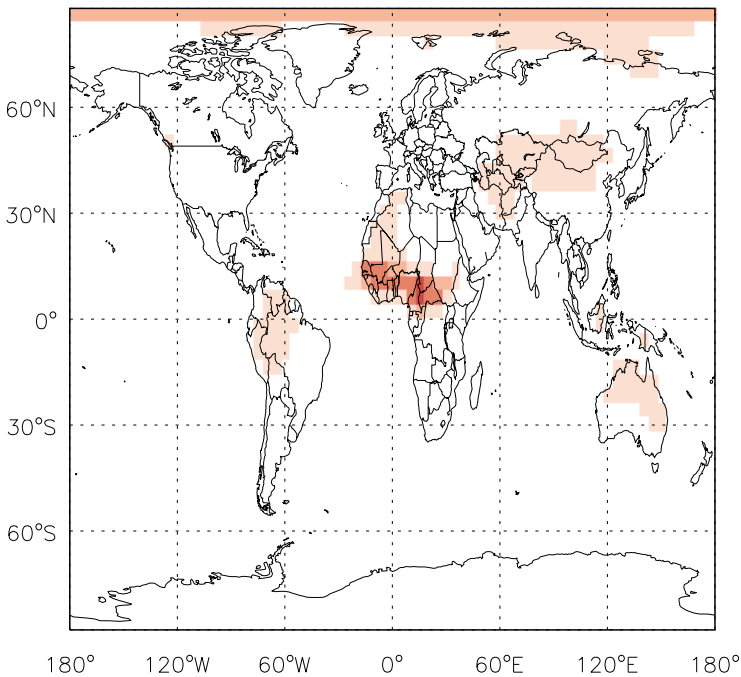
v11-01d-Run1 / v11-01b-Run0

ClOO/ Ratio @ 500 hPa for Oct



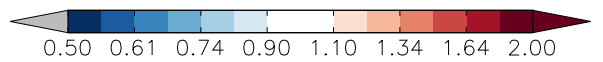
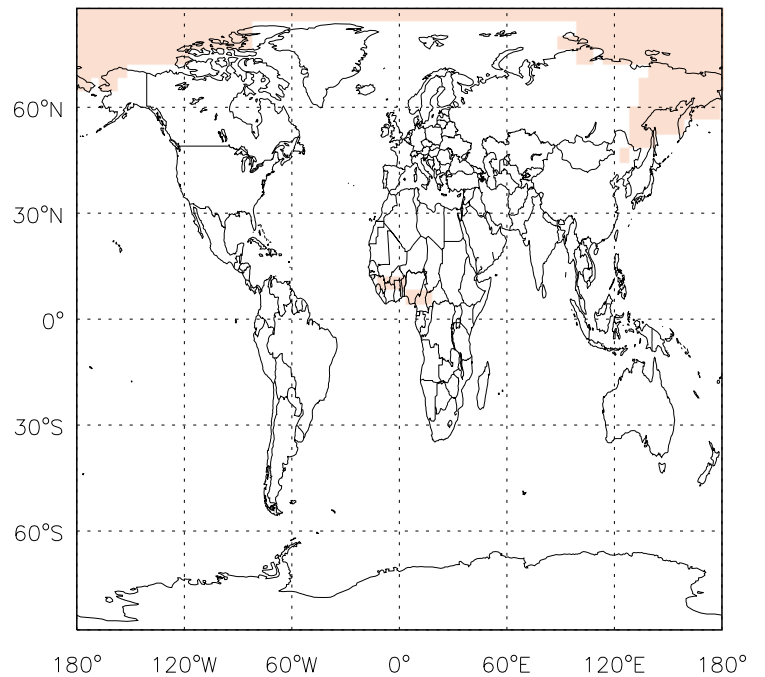
v11-01d-Run1 / v10-01-public-Run0

ClOO / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

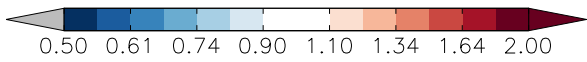
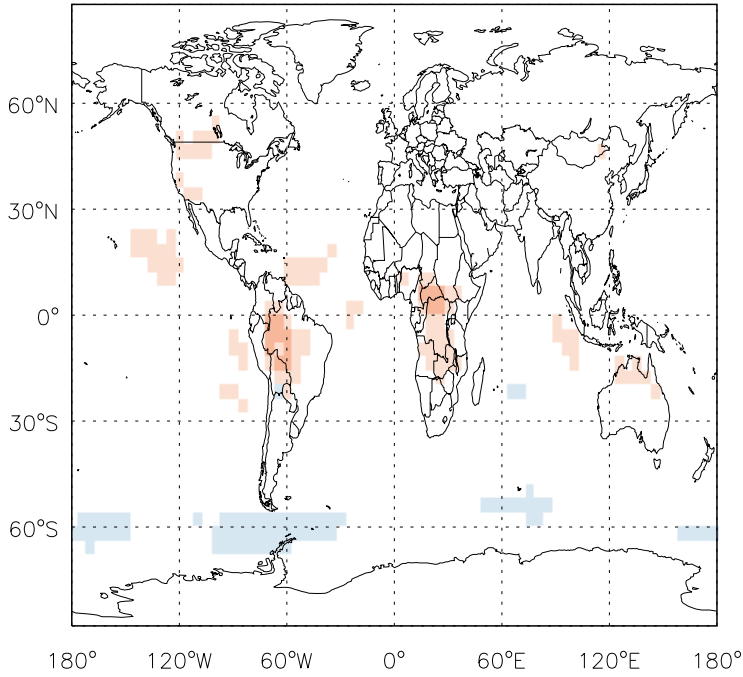
ClOO/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

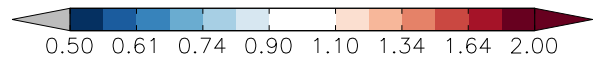
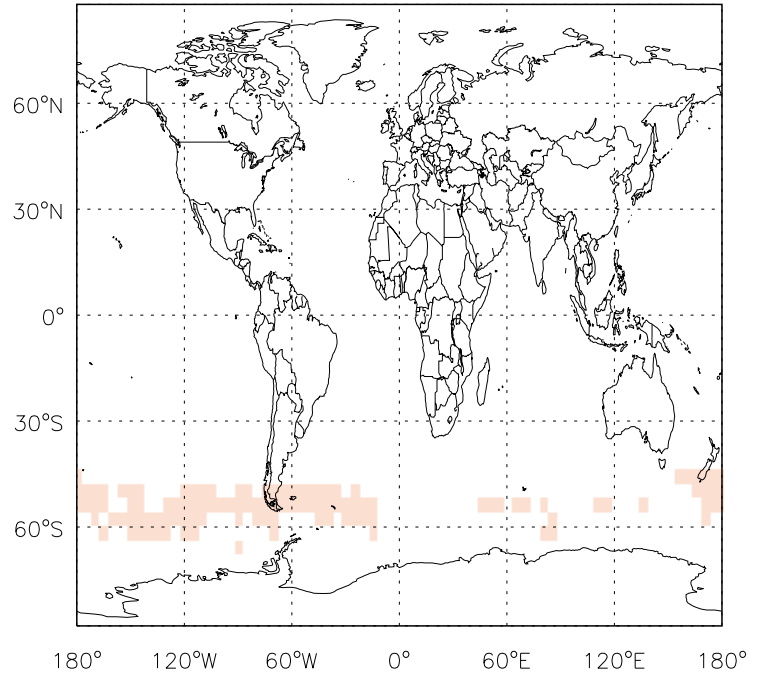
v11-01d-Run1 / v11-01b-Run0

OCIO / Ratio @ Surface for Oct



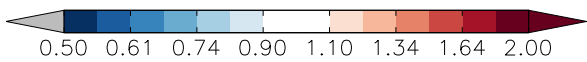
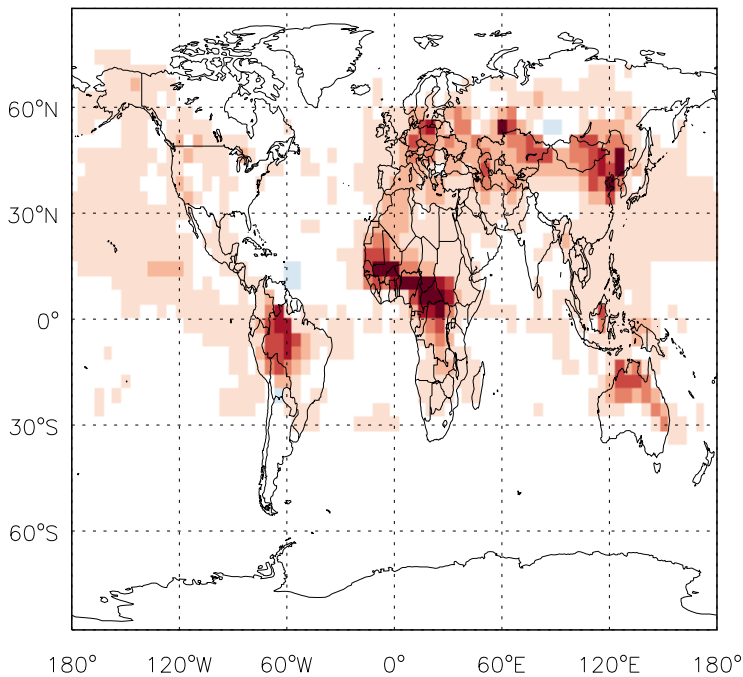
v11-01d-Run1 / v11-01b-Run0

OCIO/ Ratio @ 500 hPa for Oct



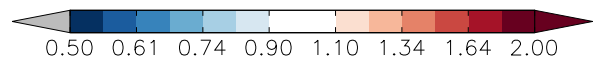
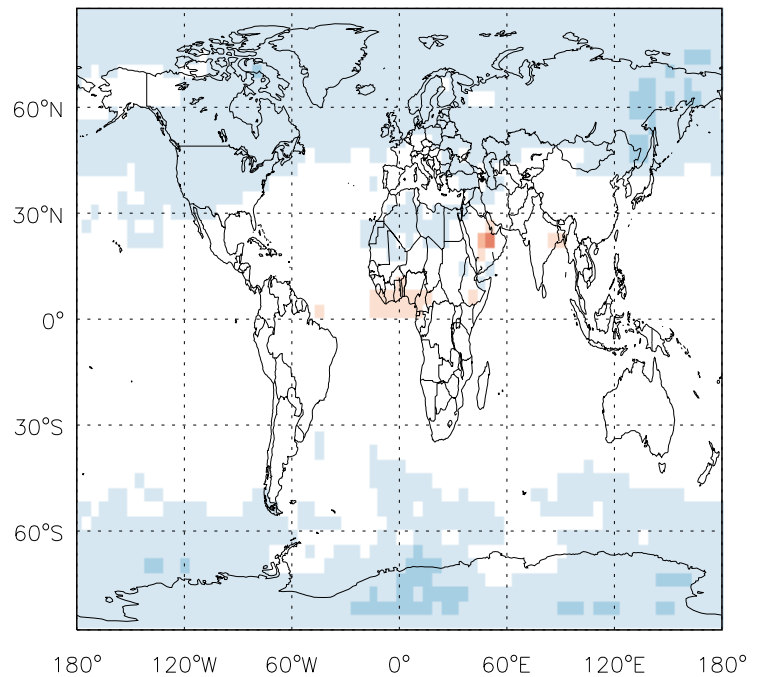
v11-01d-Run1 / v10-01-public-Run0

OCIO / Ratio @ Surface for Oct



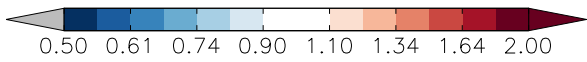
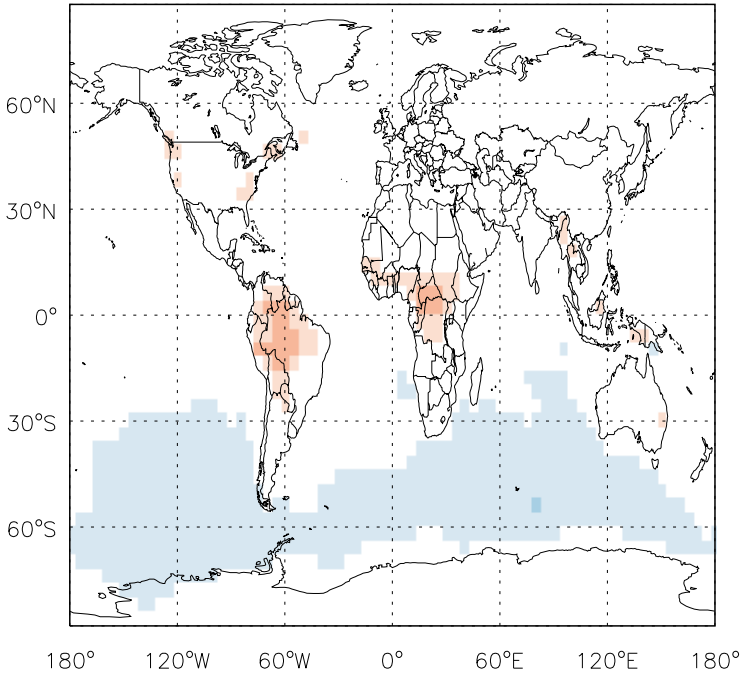
v11-01d-Run1 / v10-01-public-Run0

OCIO/ Ratio @ 500 hPa for Oct

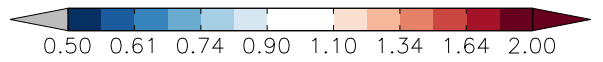
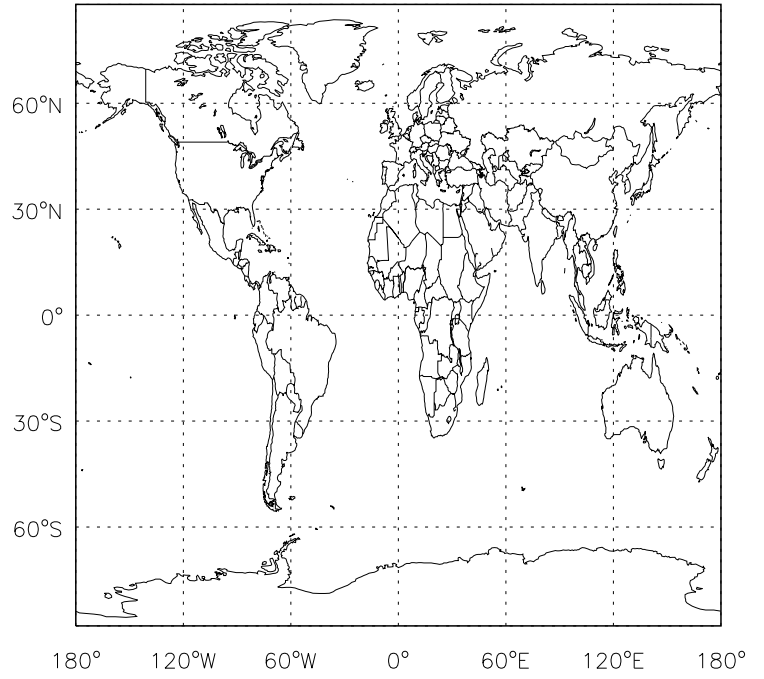


GEOS-Chem Ratio Maps at surface and 500 hPa

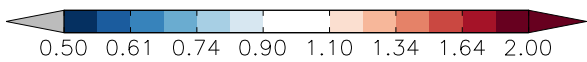
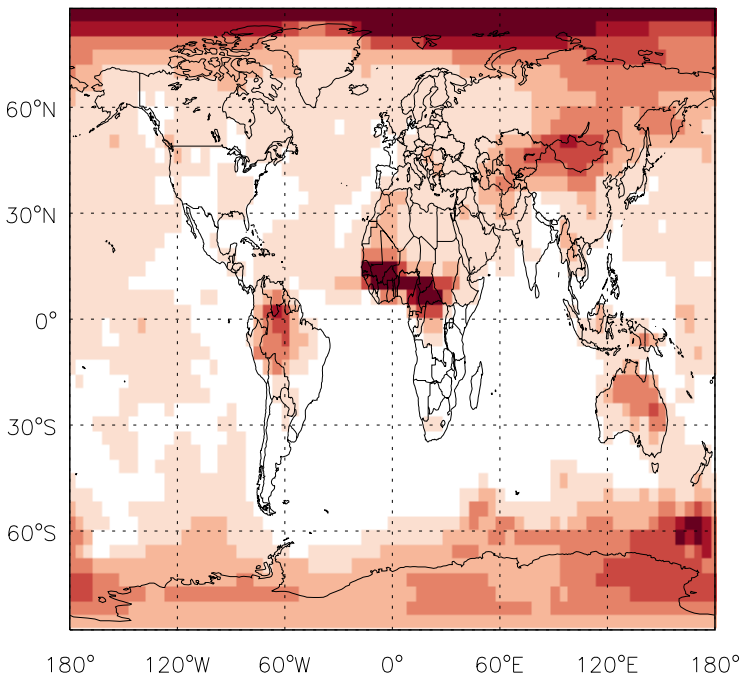
v11-01d-Run1 / v11-01b-Run0
Cl2 / Ratio @ Surface for Oct



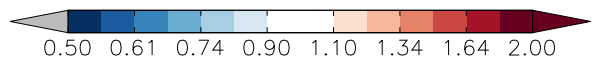
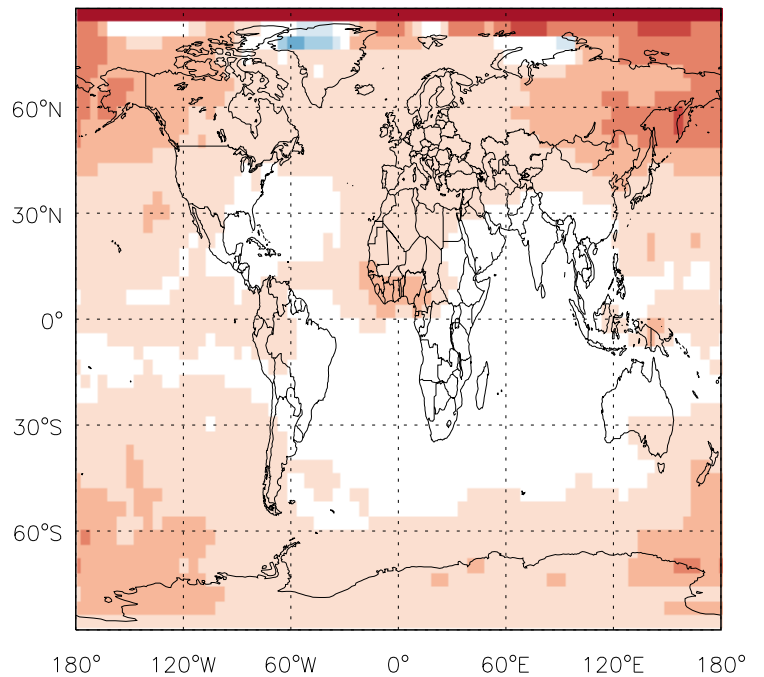
v11-01d-Run1 / v11-01b-Run0
Cl2 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
Cl2 / Ratio @ Surface for Oct

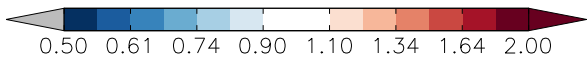
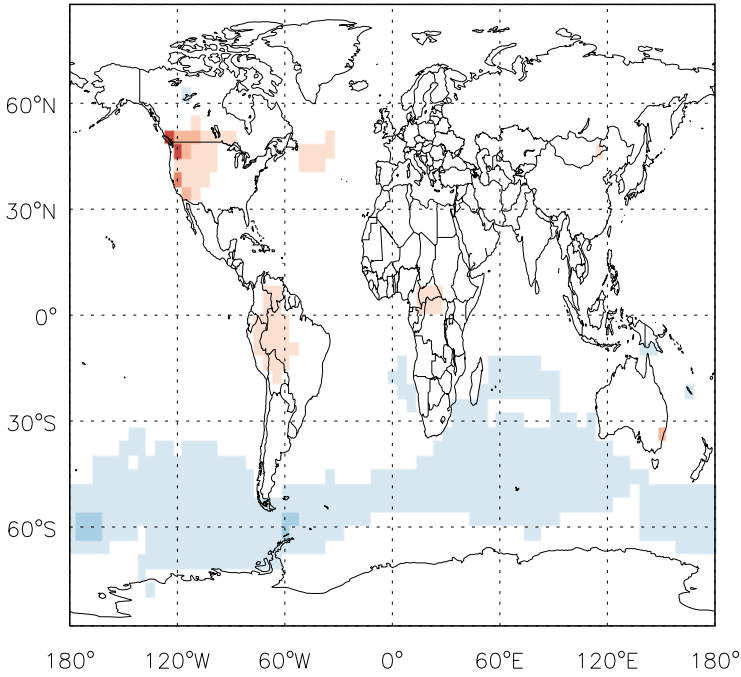


v11-01d-Run1 / v10-01-public-Run0
Cl2 / Ratio @ 500 hPa for Oct

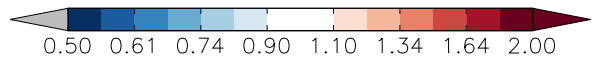
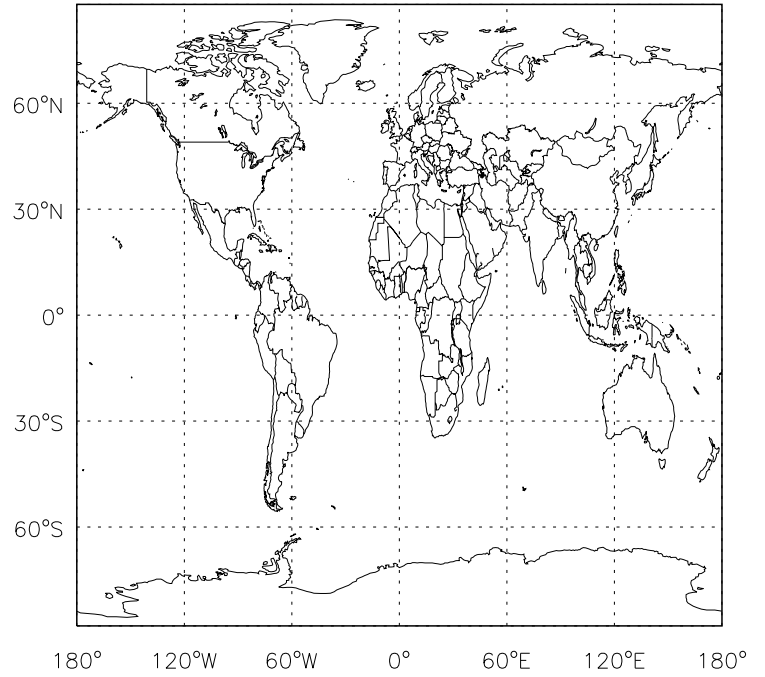


GEOS-Chem Ratio Maps at surface and 500 hPa

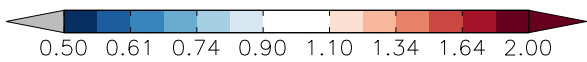
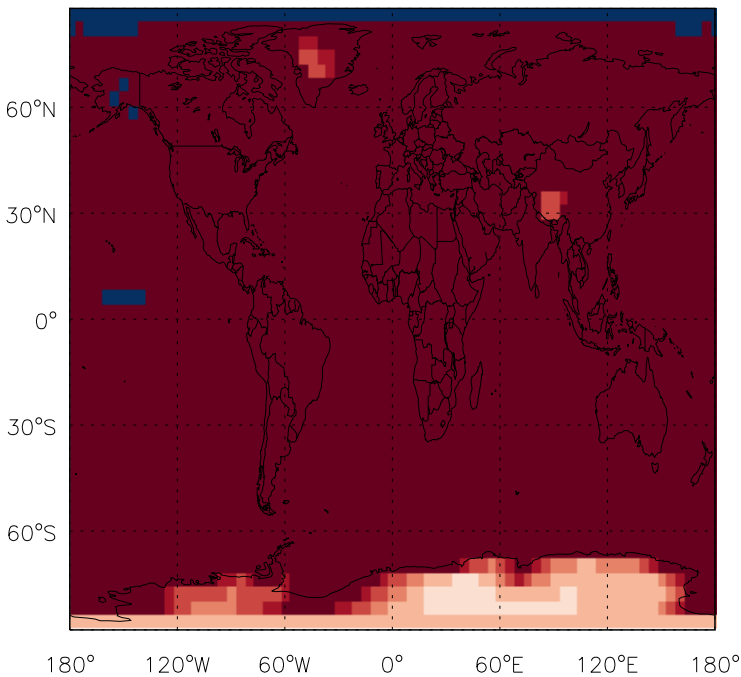
v11-01d-Run1 / v11-01b-Run0
Cl2O2 / Ratio @ Surface for Oct



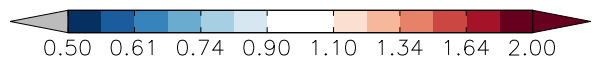
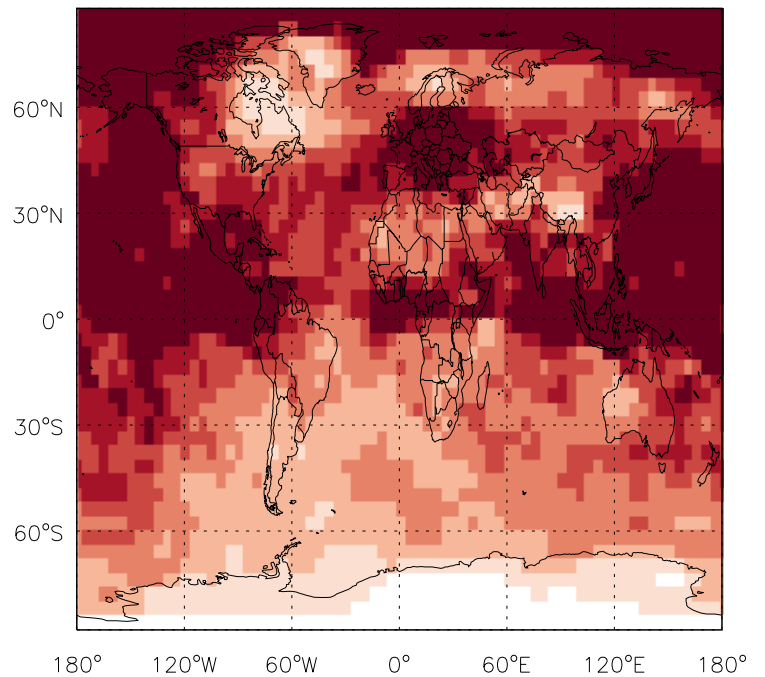
v11-01d-Run1 / v11-01b-Run0
Cl2O2 / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0
Cl2O2 / Ratio @ Surface for Oct



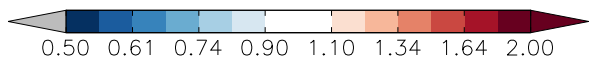
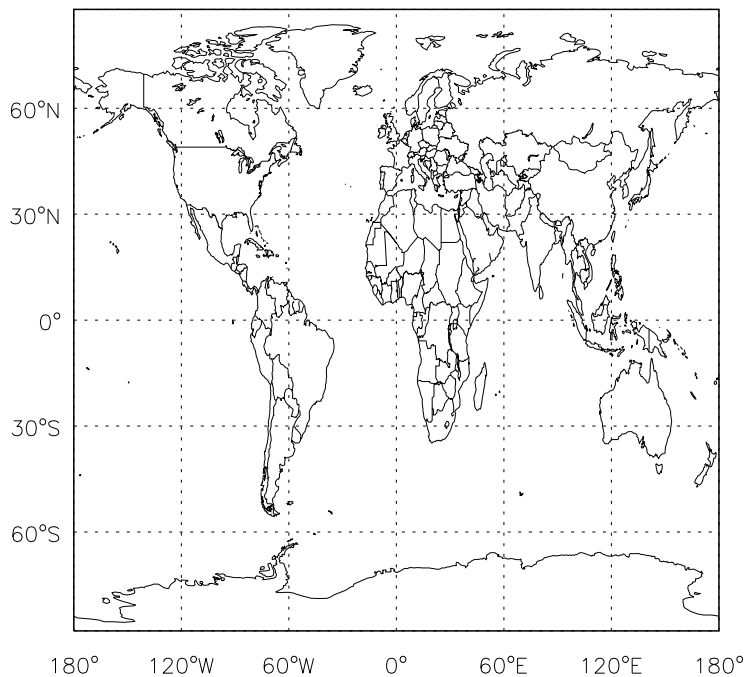
v11-01d-Run1 / v10-01-public-Run0
Cl2O2 / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

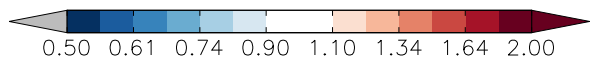
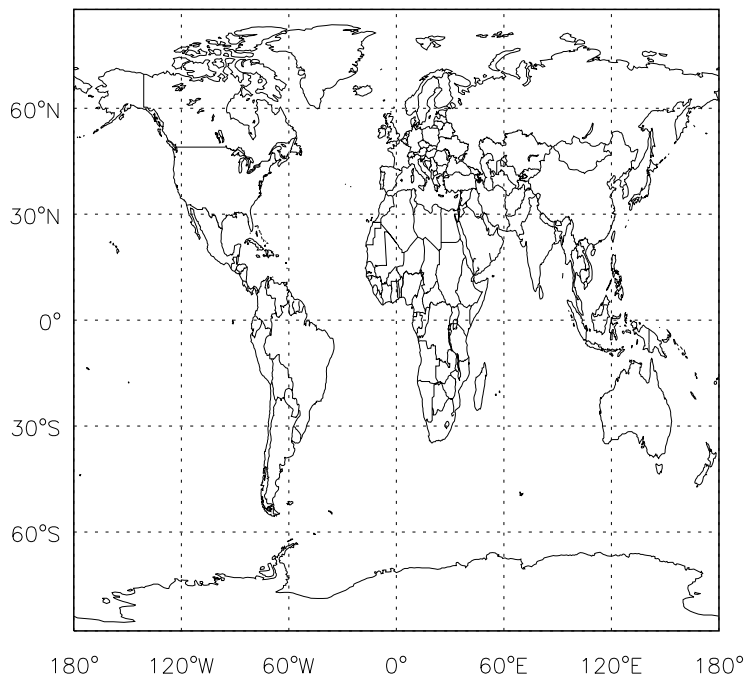
v11-01d-Run1 / v11-01b-Run0

H2O / Ratio @ Surface for Oct



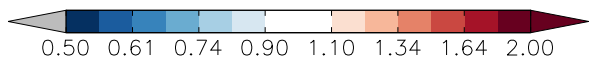
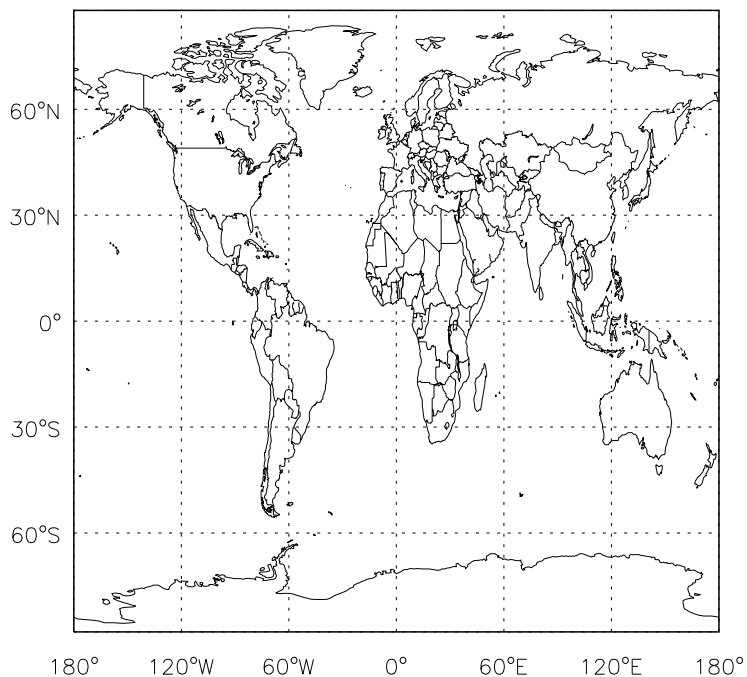
v11-01d-Run1 / v11-01b-Run0

H2O/ Ratio @ 500 hPa for Oct



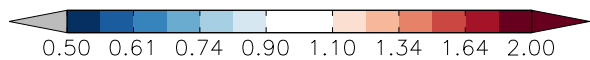
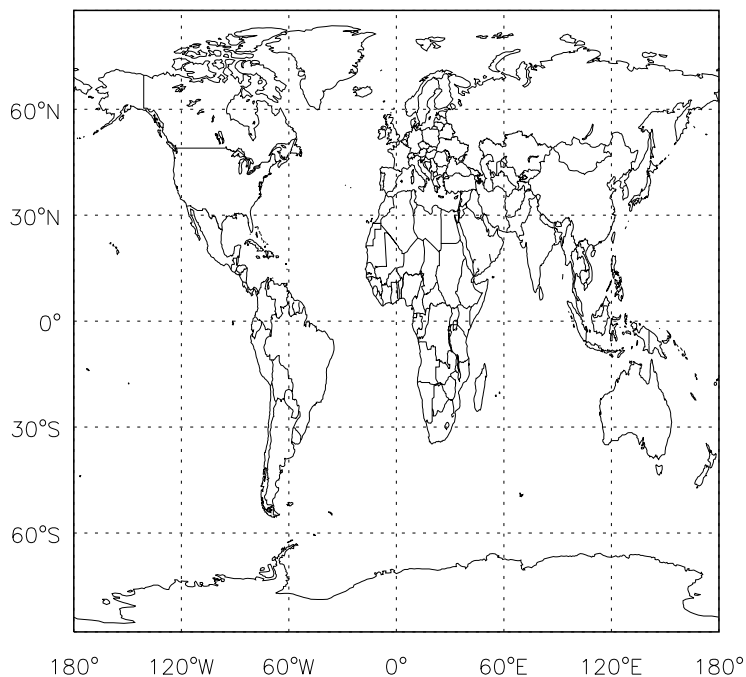
v11-01d-Run1 / v10-01-public-Run0

H2O / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

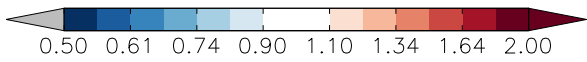
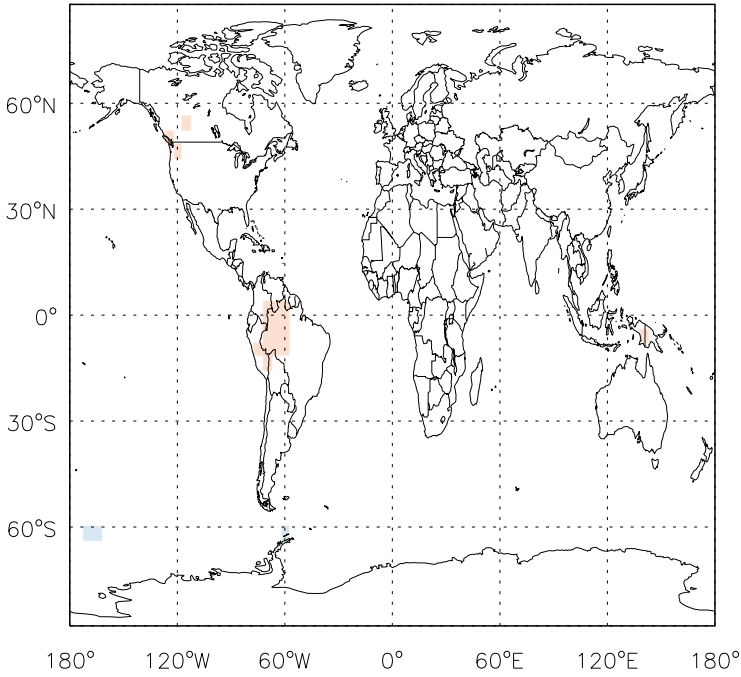
H2O/ Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

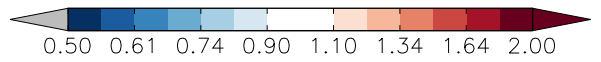
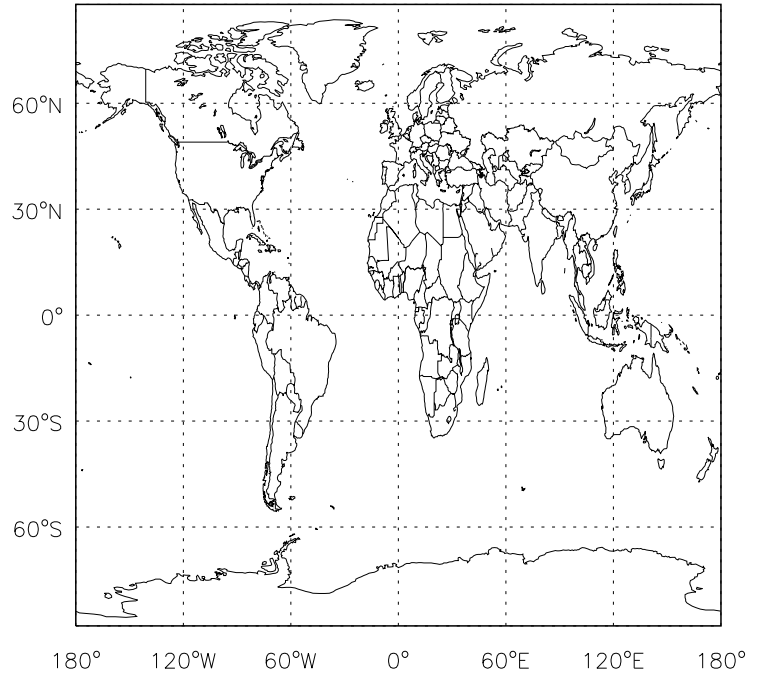
v11-01d-Run1 / v11-01b-Run0

OH / Ratio @ Surface for Oct



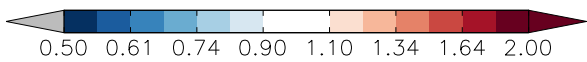
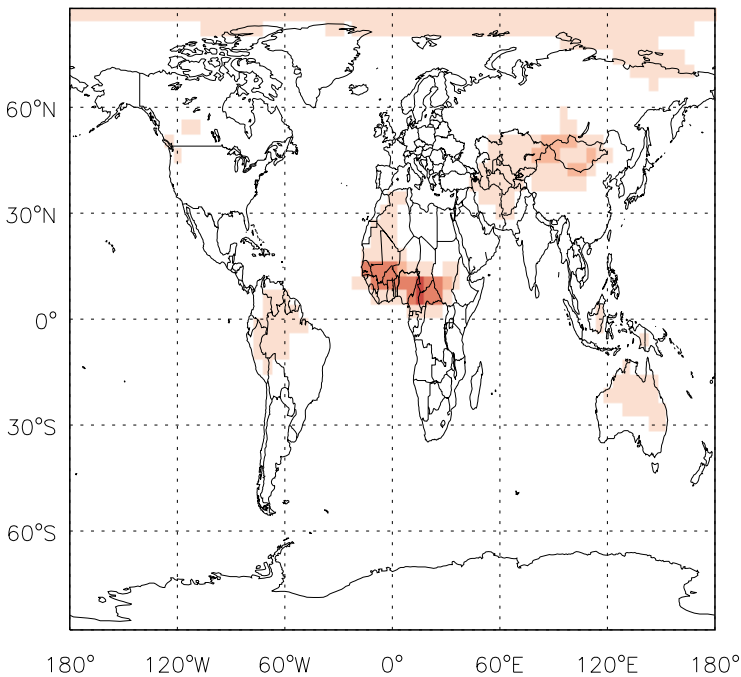
v11-01d-Run1 / v11-01b-Run0

OH / Ratio @ 500 hPa for Oct



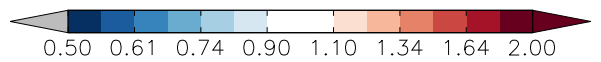
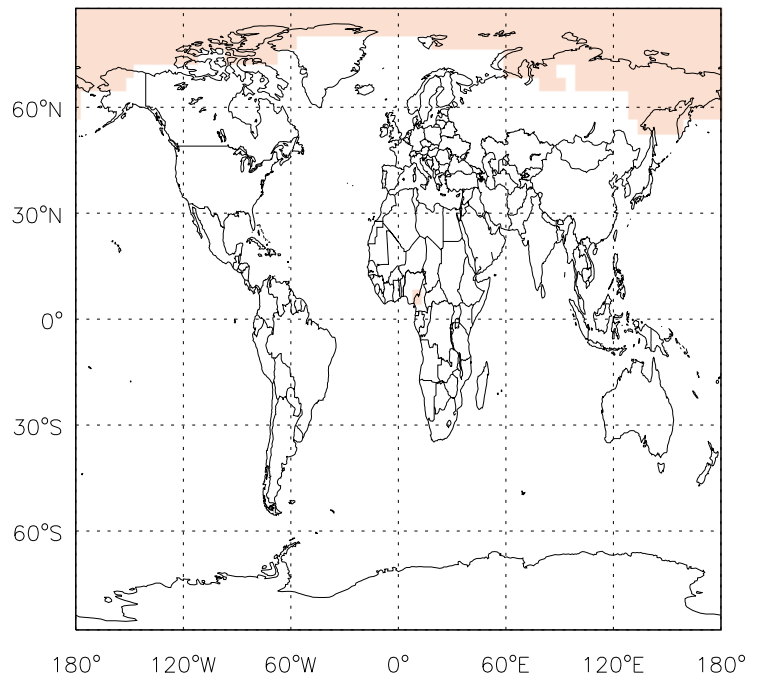
v11-01d-Run1 / v10-01-public-Run0

OH / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

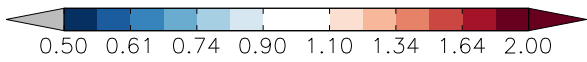
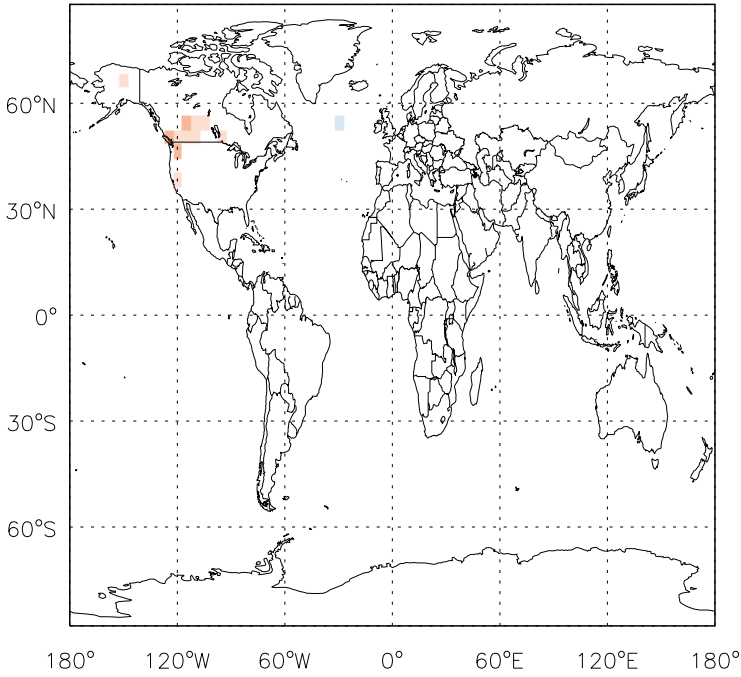
OH / Ratio @ 500 hPa for Oct



GEOS-Chem Ratio Maps at surface and 500 hPa

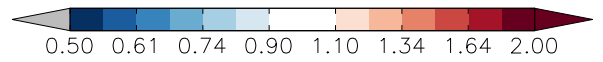
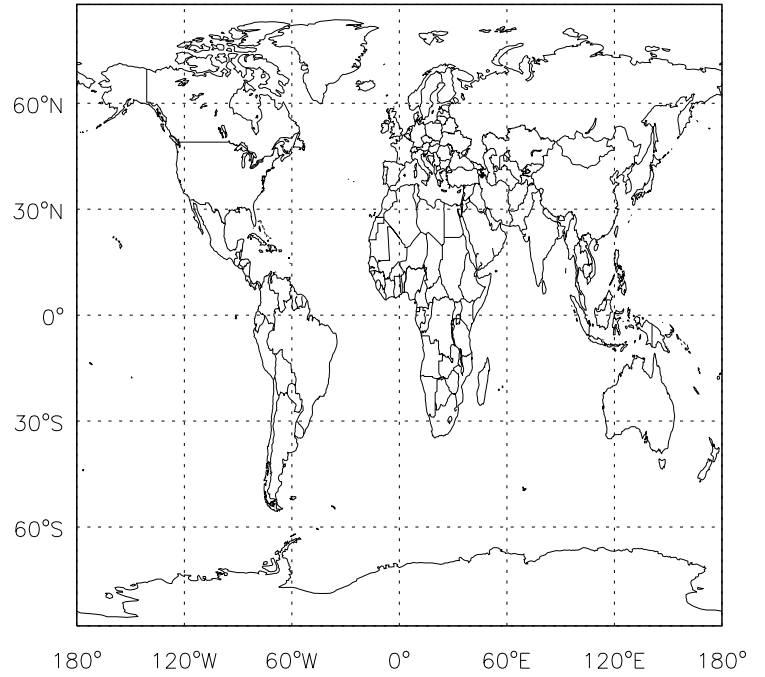
v11-01d-Run1 / v11-01b-Run0

H₂O₂ / Ratio @ Surface for Oct



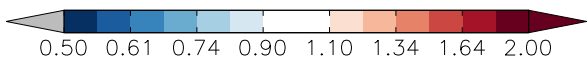
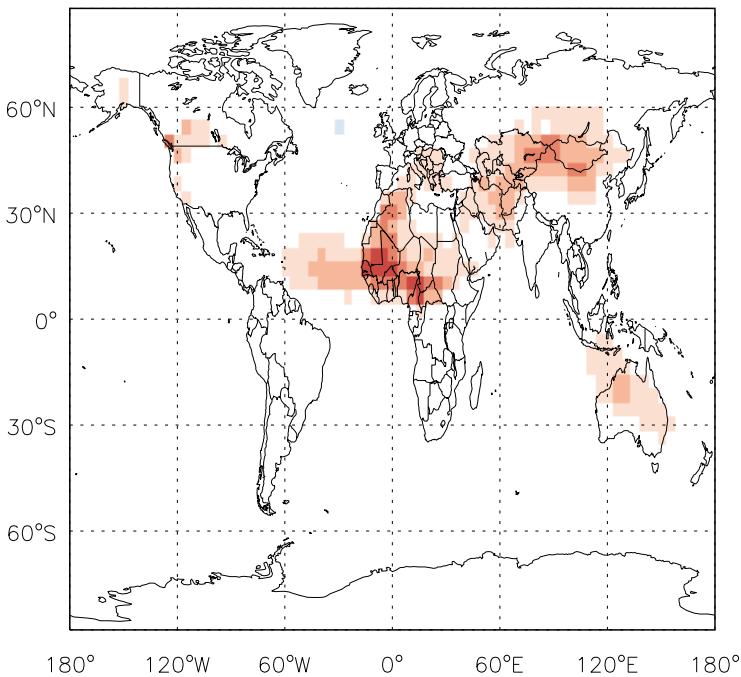
v11-01d-Run1 / v11-01b-Run0

H₂O₂ / Ratio @ 500 hPa for Oct



v11-01d-Run1 / v10-01-public-Run0

H₂O₂ / Ratio @ Surface for Oct



v11-01d-Run1 / v10-01-public-Run0

H₂O₂ / Ratio @ 500 hPa for Oct

