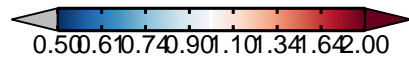
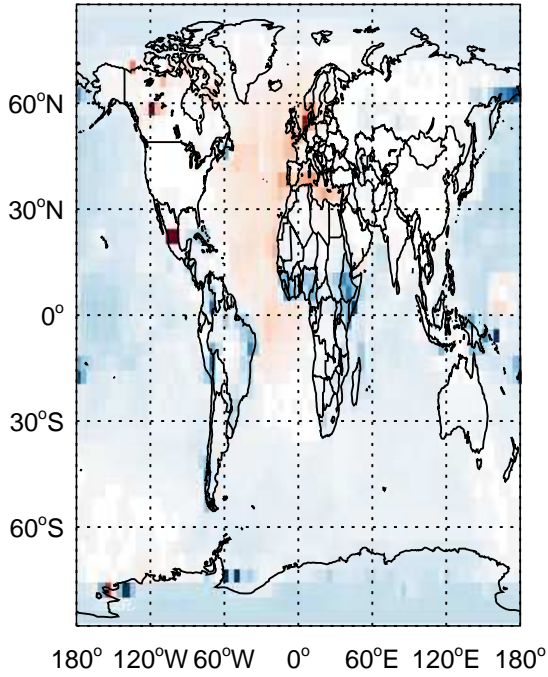
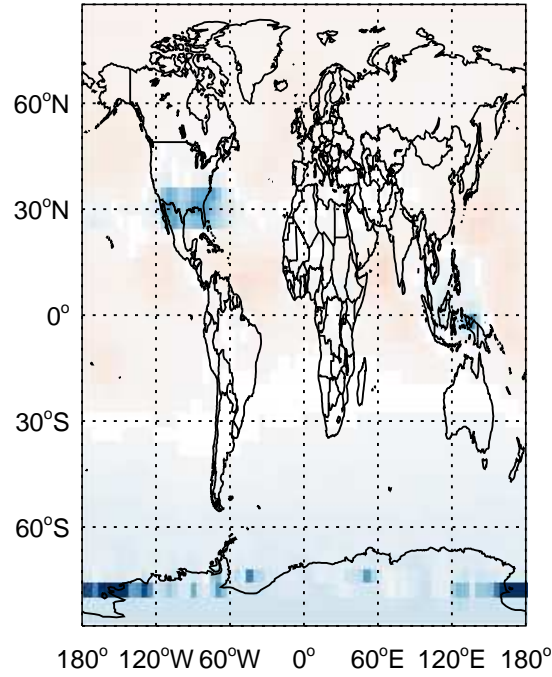


GEOS-Chem Ratio Maps at surface and 500 hPa

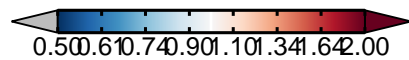
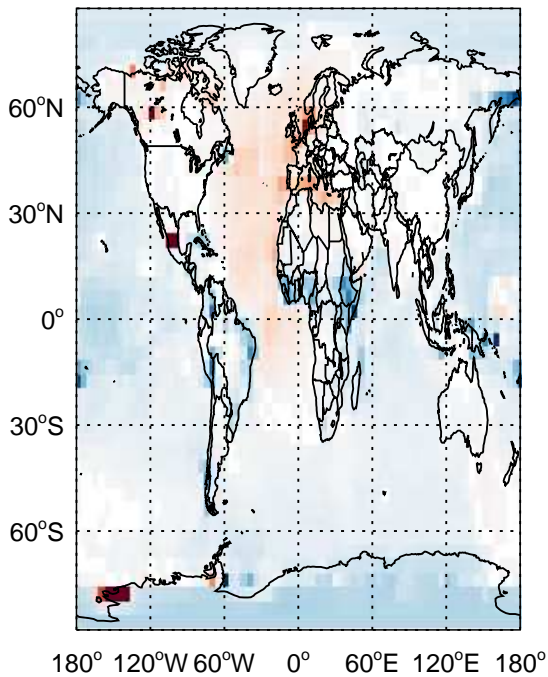
v11-01k-Run0 / v11-01g-Run0
NO / Ratio @ Surface for Jul



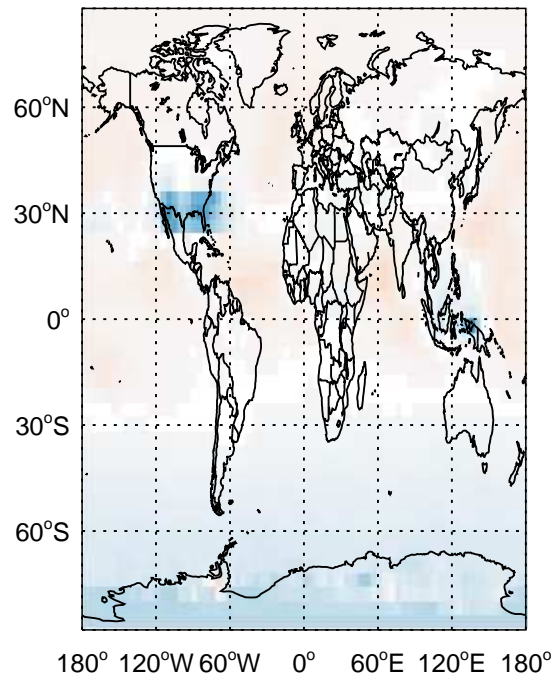
v11-01k-Run0 / v11-01g-Run0
NO/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
NO / Ratio @ Surface for Jul



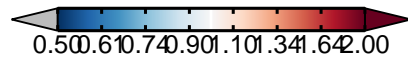
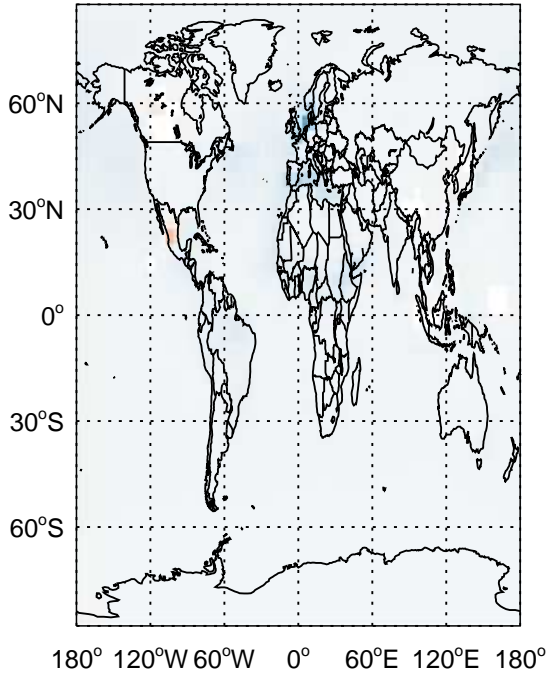
v11-01k-Run0 / v11-01f-geosfp-Run0
NO/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

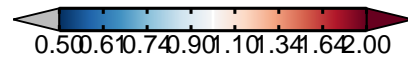
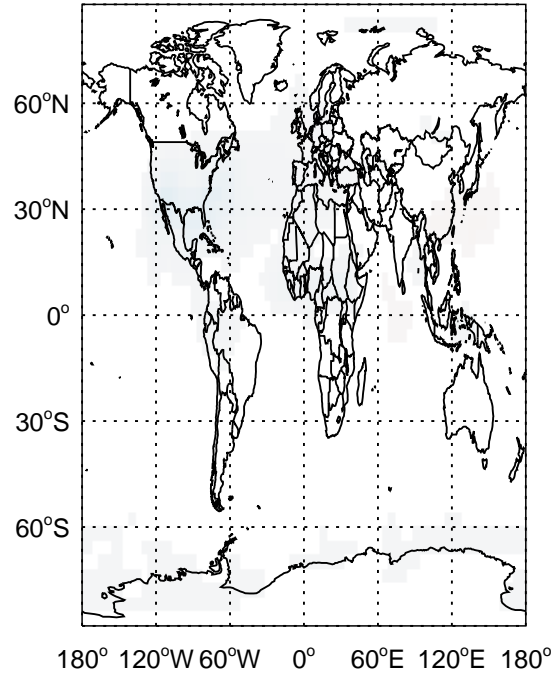
v11-01k-Run0 / v11-01g-Run0

O3 / Ratio @ Surface for Jul



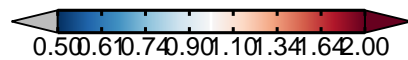
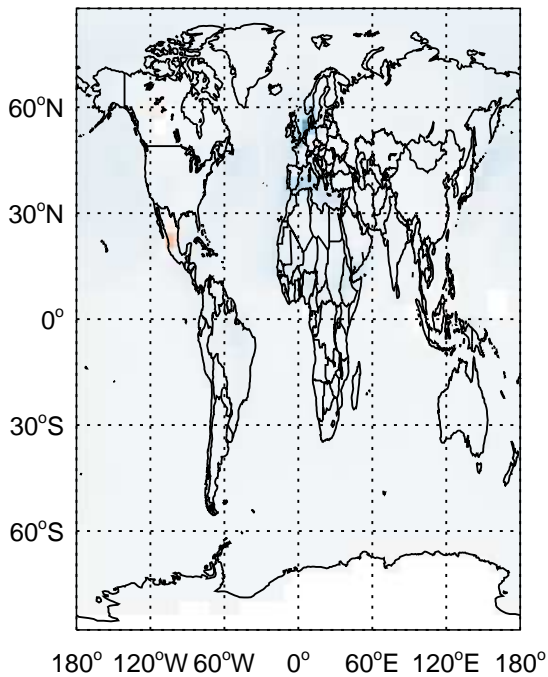
v11-01k-Run0 / v11-01g-Run0

O3 / Ratio @ 500 hPa for Jul



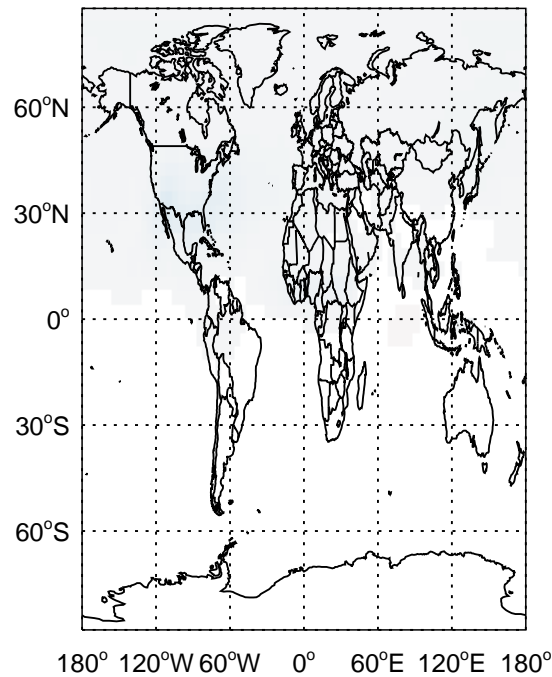
v11-01k-Run0 / v11-01f-geosfp-Run0

O3 / Ratio @ Surface for Jul



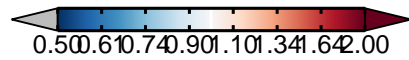
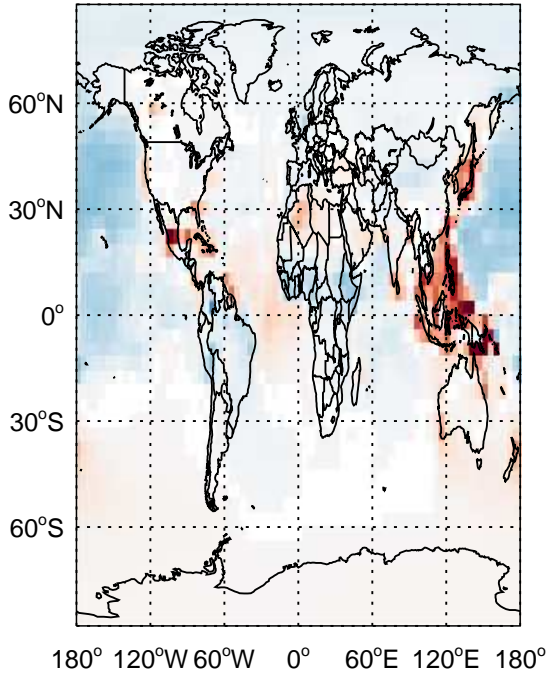
v11-01k-Run0 / v11-01f-geosfp-Run0

O3 / Ratio @ 500 hPa for Jul

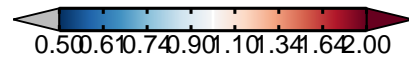
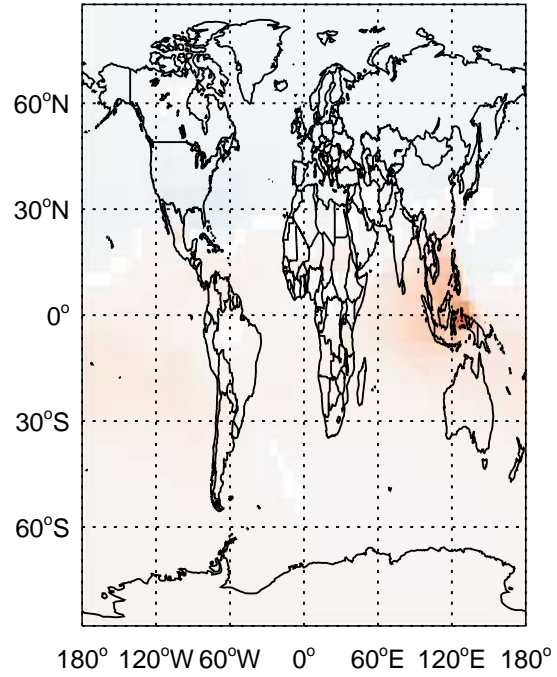


GEOS-Chem Ratio Maps at surface and 500 hPa

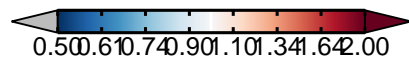
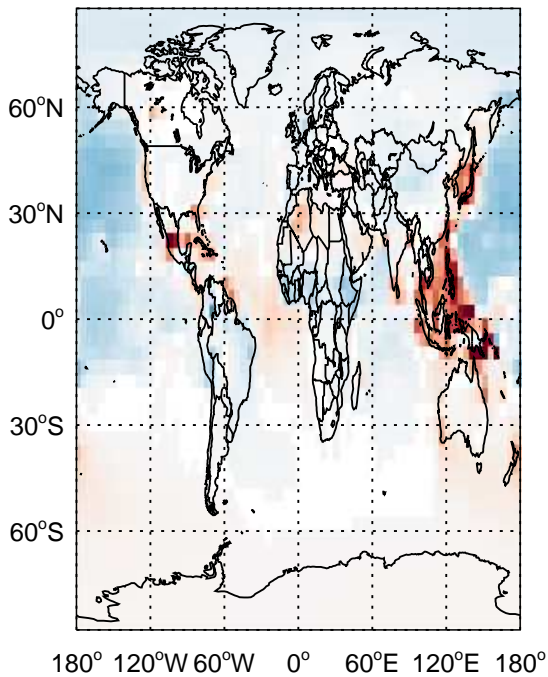
v11-01k-Run0 / v11-01g-Run0
PAN / Ratio @ Surface for Jul



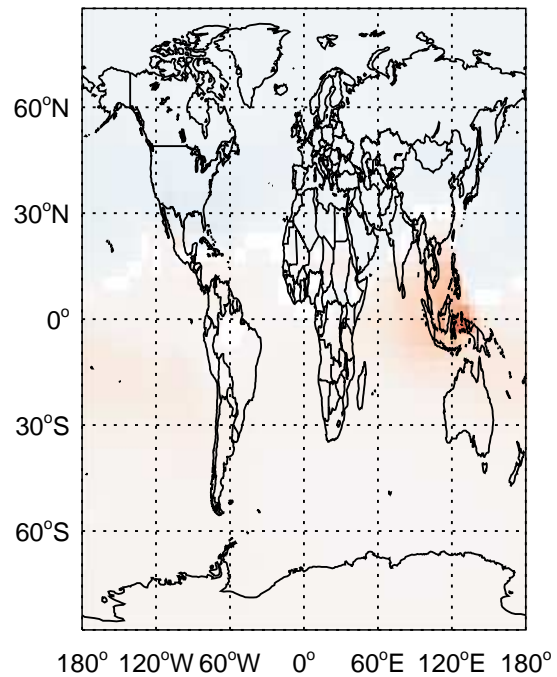
v11-01k-Run0 / v11-01g-Run0
PAN/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
PAN / Ratio @ Surface for Jul

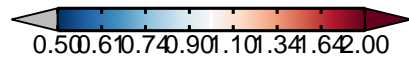
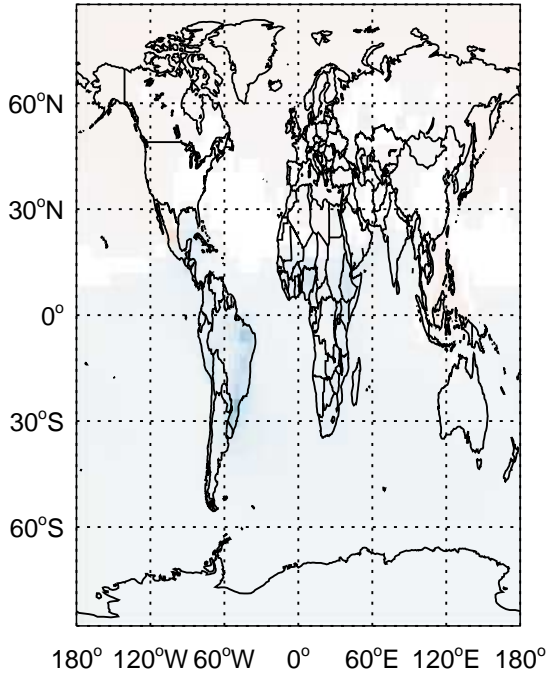


v11-01k-Run0 / v11-01f-geosfp-Run0
PAN/ Ratio @ 500 hPa for Jul

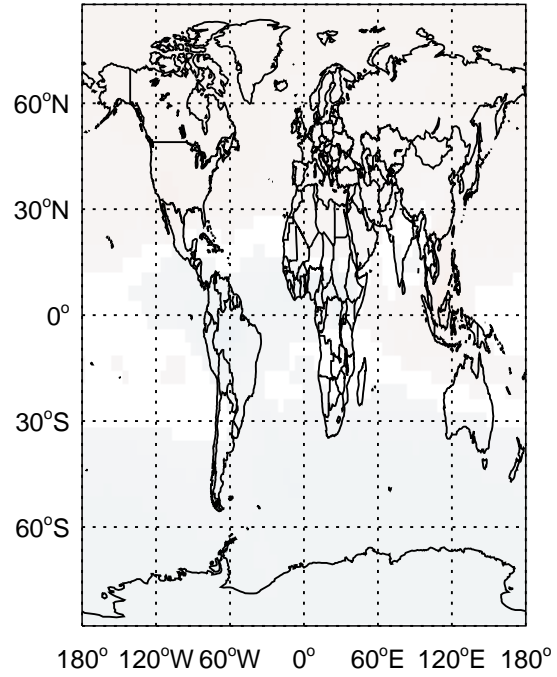


GEOS-Chem Ratio Maps at surface and 500 hPa

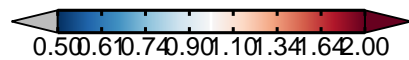
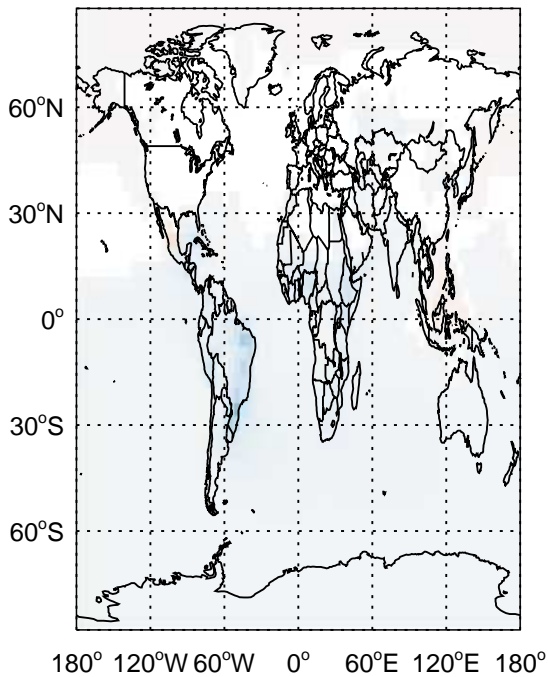
v11-01k-Run0 / v11-01g-Run0
CO / Ratio @ Surface for Jul



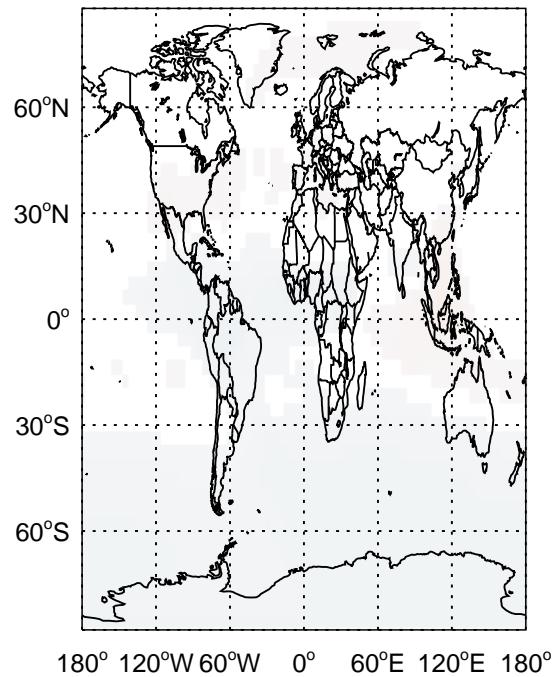
v11-01k-Run0 / v11-01g-Run0
CO/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CO / Ratio @ Surface for Jul

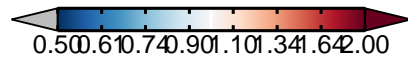
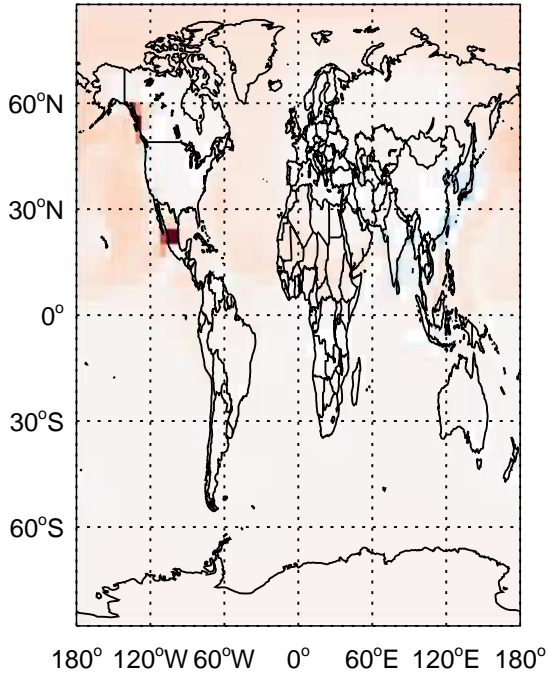


v11-01k-Run0 / v11-01f-geosfp-Run0
CO/ Ratio @ 500 hPa for Jul

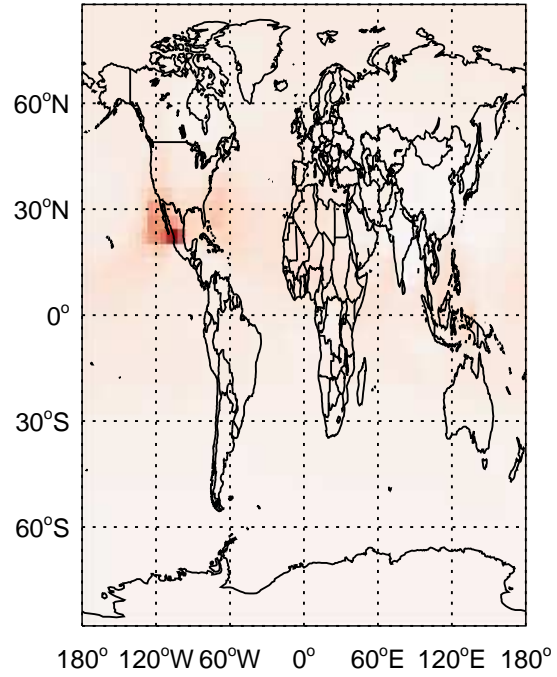


GEOS-Chem Ratio Maps at surface and 500 hPa

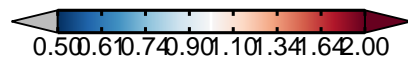
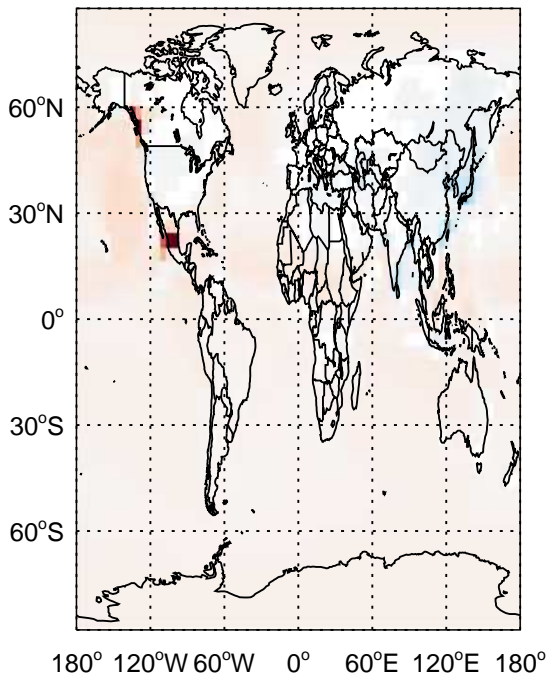
v11-01k-Run0 / v11-01g-Run0
ALK4 / Ratio @ Surface for Jul



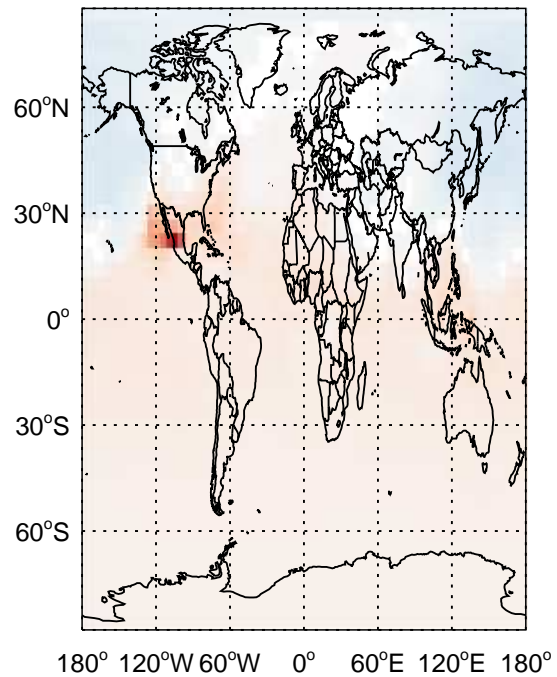
v11-01k-Run0 / v11-01g-Run0
ALK4 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ALK4 / Ratio @ Surface for Jul

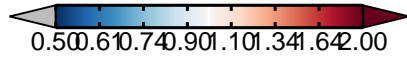
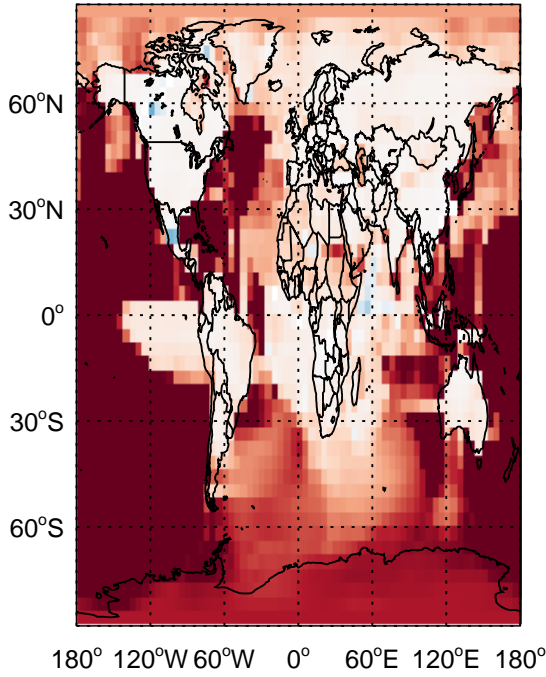


v11-01k-Run0 / v11-01f-geosfp-Run0
ALK4 / Ratio @ 500 hPa for Jul

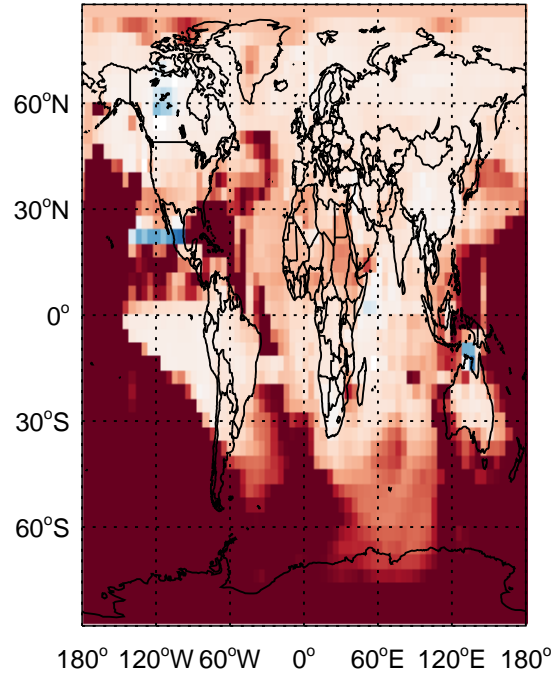


GEOS-Chem Ratio Maps at surface and 500 hPa

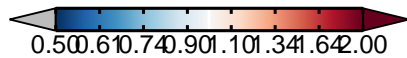
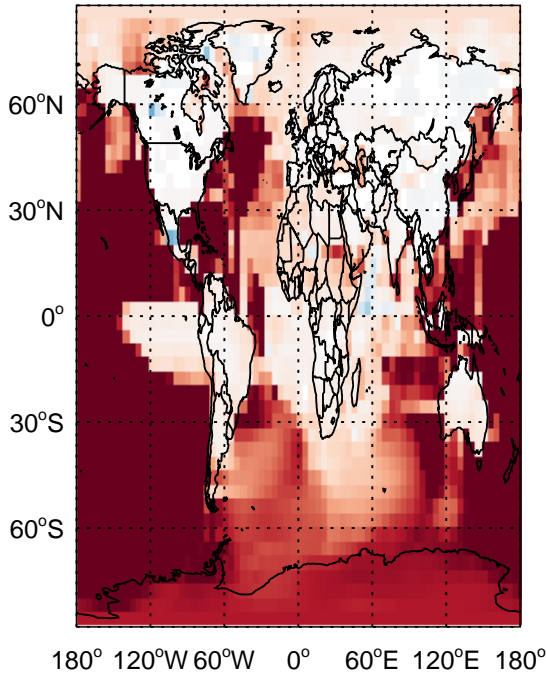
v11-01k-Run0 / v11-01g-Run0
ISOP / Ratio @ Surface for Jul



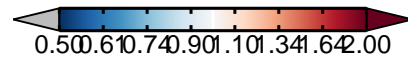
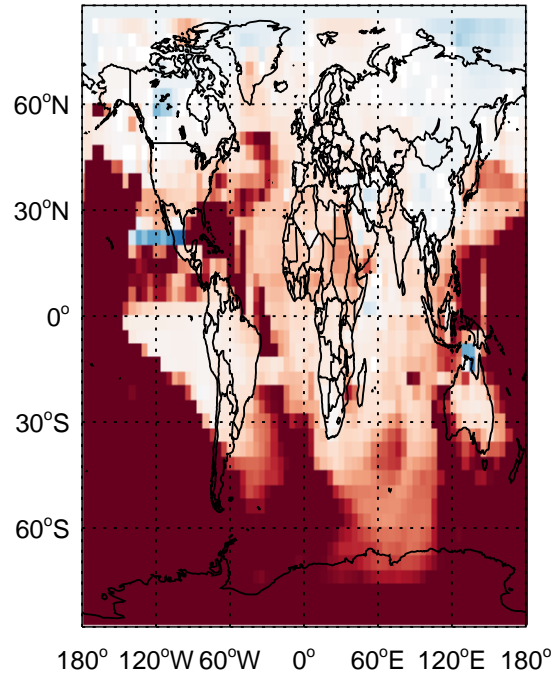
v11-01k-Run0 / v11-01g-Run0
ISOP/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ISOP / Ratio @ Surface for Jul

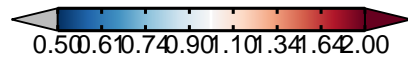
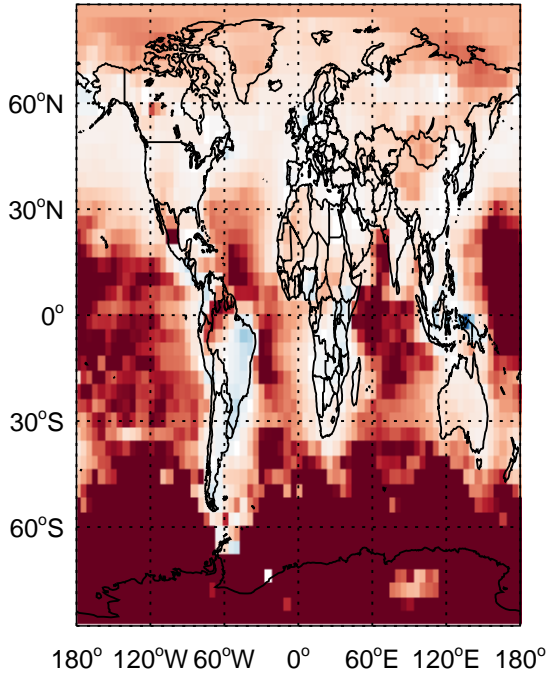


v11-01k-Run0 / v11-01f-geosfp-Run0
ISOP/ Ratio @ 500 hPa for Jul

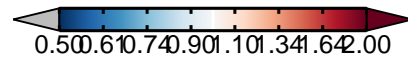
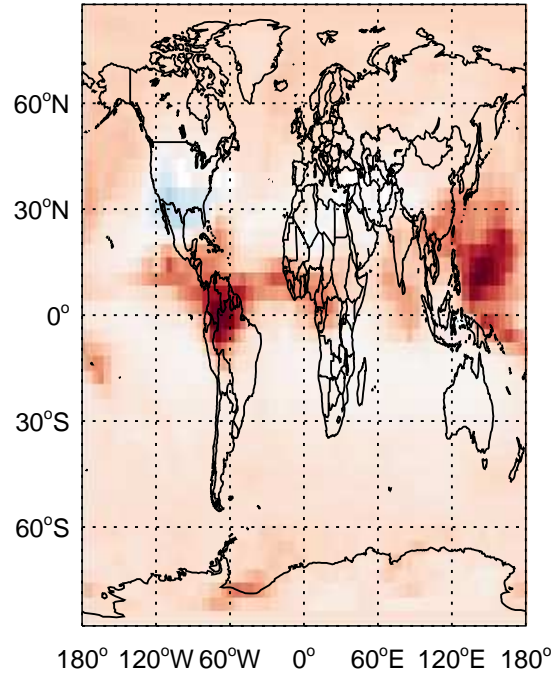


GEOS-Chem Ratio Maps at surface and 500 hPa

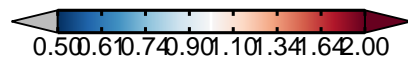
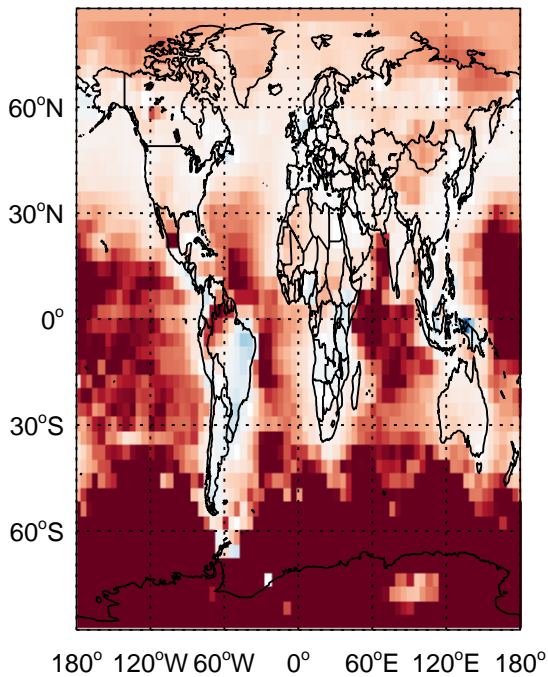
v11-01k-Run0 / v11-01g-Run0
HNO₃ / Ratio @ Surface for Jul



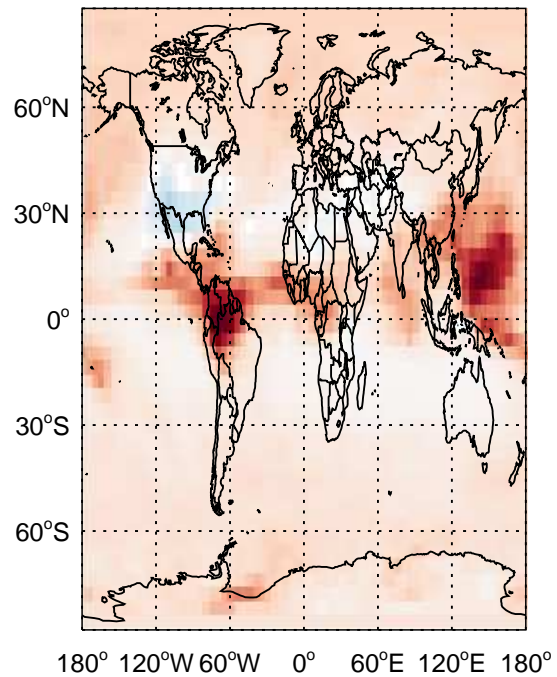
v11-01k-Run0 / v11-01g-Run0
HNO₃ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HNO₃ / Ratio @ Surface for Jul

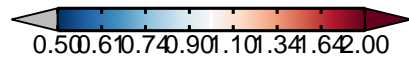
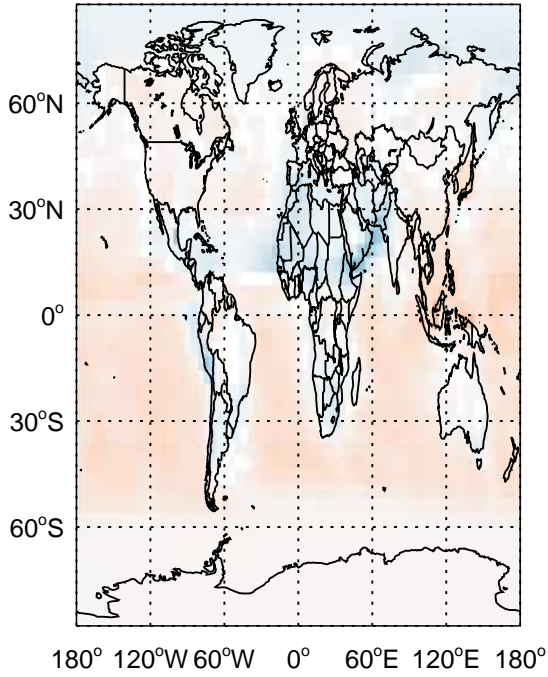


v11-01k-Run0 / v11-01f-geosfp-Run0
HNO₃ / Ratio @ 500 hPa for Jul

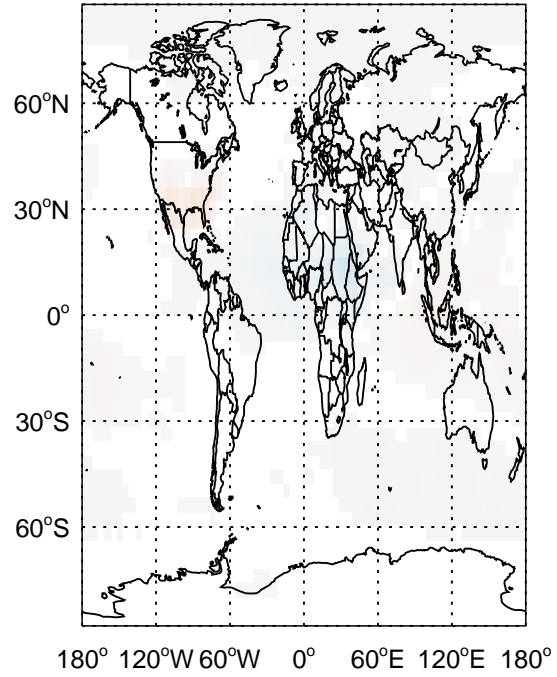


GEOS-Chem Ratio Maps at surface and 500 hPa

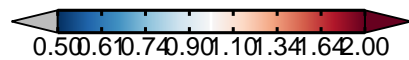
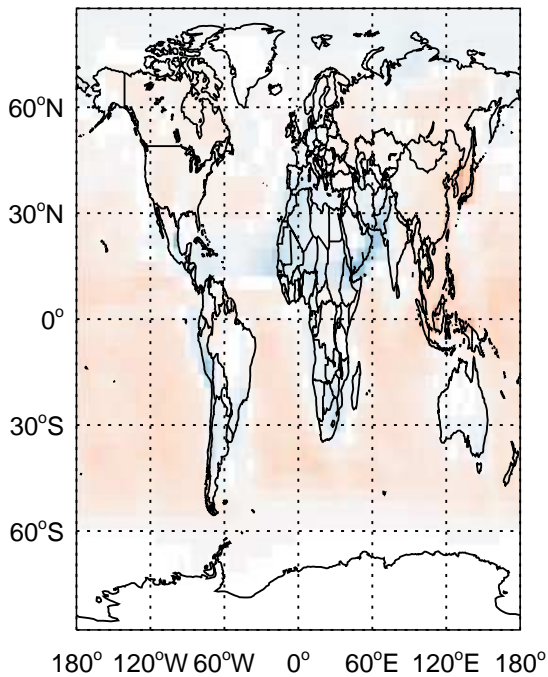
v11-01k-Run0 / v11-01g-Run0
H2O2 / Ratio @ Surface for Jul



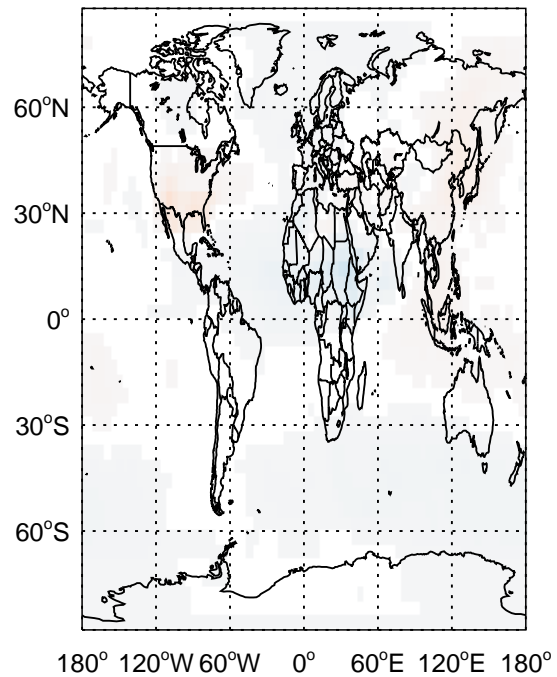
v11-01k-Run0 / v11-01g-Run0
H2O2/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
H2O2 / Ratio @ Surface for Jul

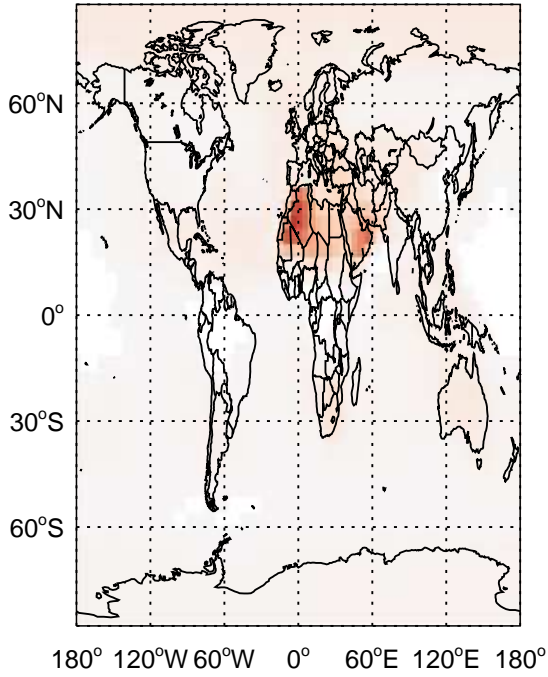


v11-01k-Run0 / v11-01f-geosfp-Run0
H2O2/ Ratio @ 500 hPa for Jul

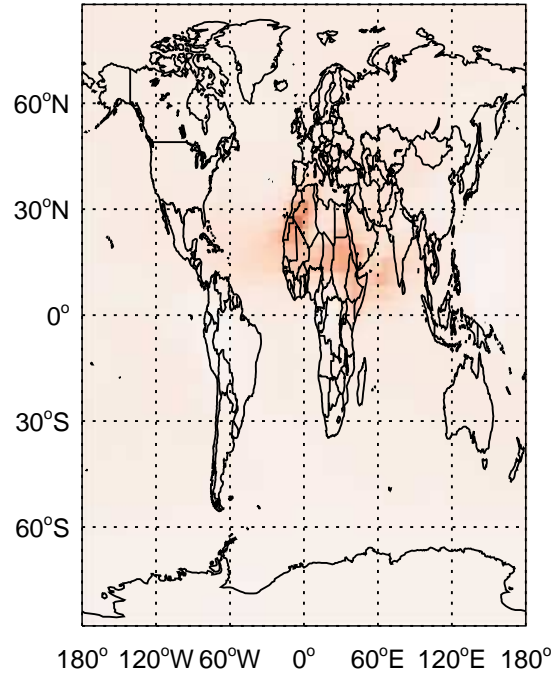


GEOS-Chem Ratio Maps at surface and 500 hPa

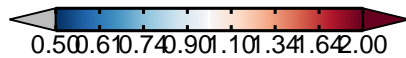
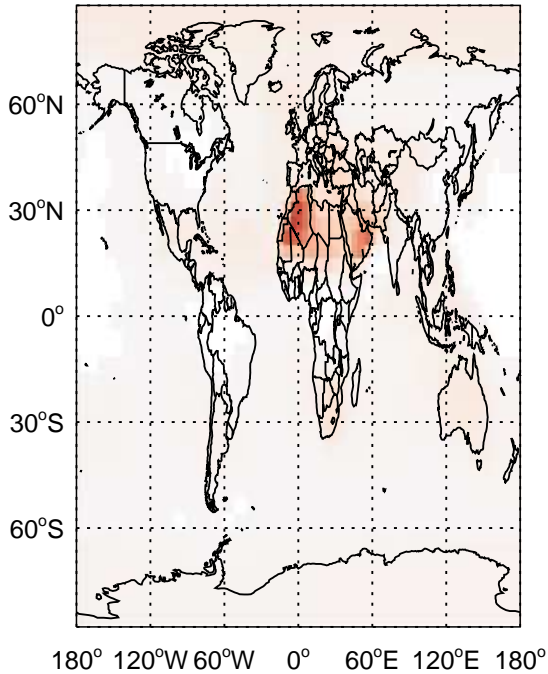
v11-01k-Run0 / v11-01g-Run0
ACET / Ratio @ Surface for Jul



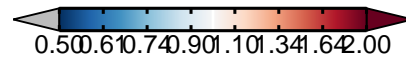
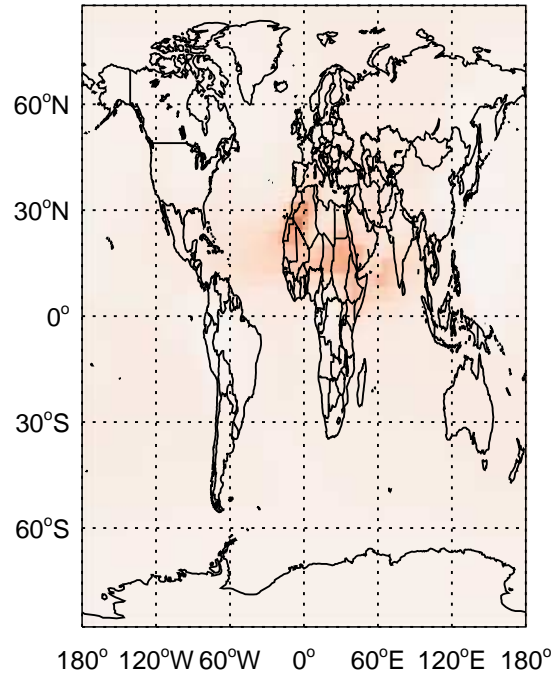
v11-01k-Run0 / v11-01g-Run0
ACET/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ACET / Ratio @ Surface for Jul

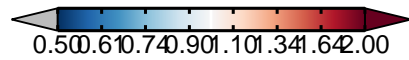
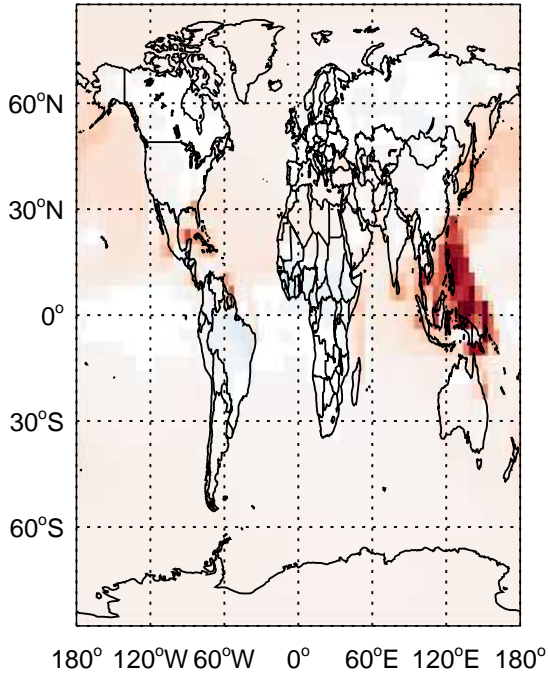


v11-01k-Run0 / v11-01f-geosfp-Run0
ACET/ Ratio @ 500 hPa for Jul

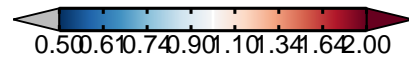
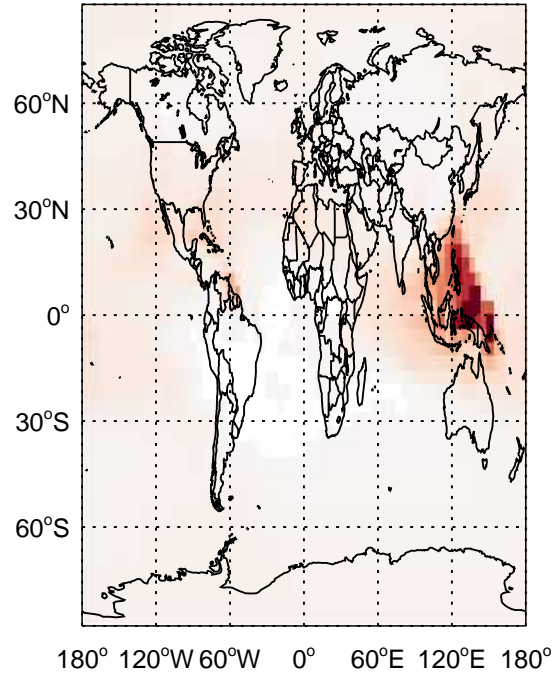


GEOS-Chem Ratio Maps at surface and 500 hPa

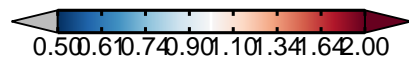
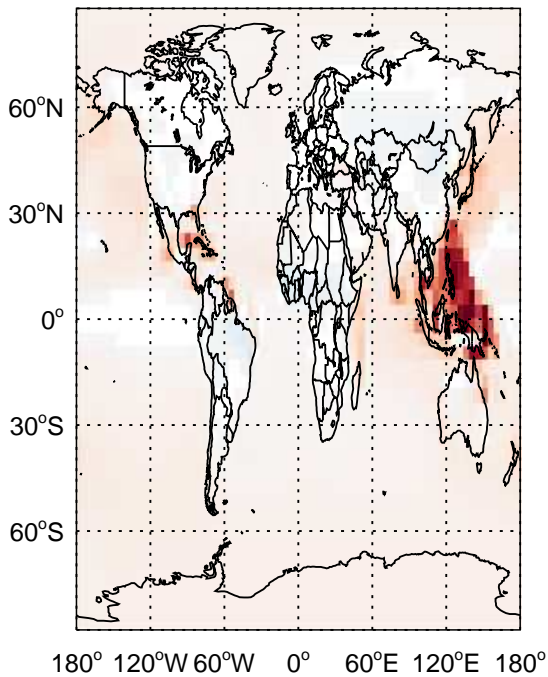
v11-01k-Run0 / v11-01g-Run0
MEK / Ratio @ Surface for Jul



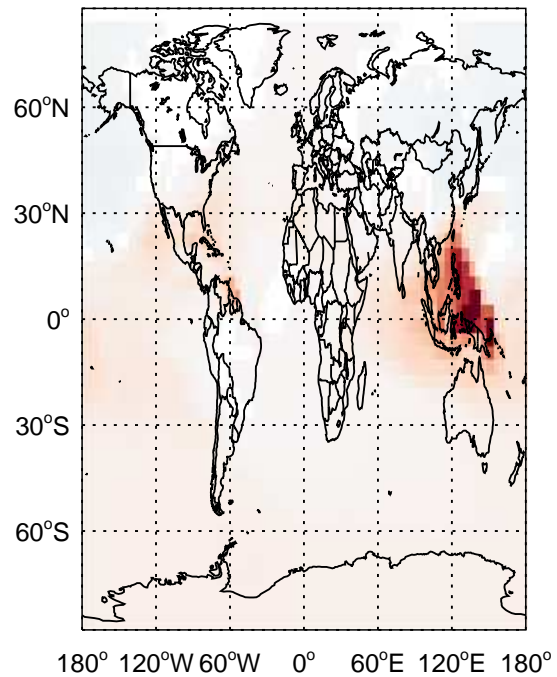
v11-01k-Run0 / v11-01g-Run0
MEK / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MEK / Ratio @ Surface for Jul

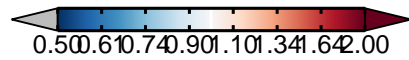
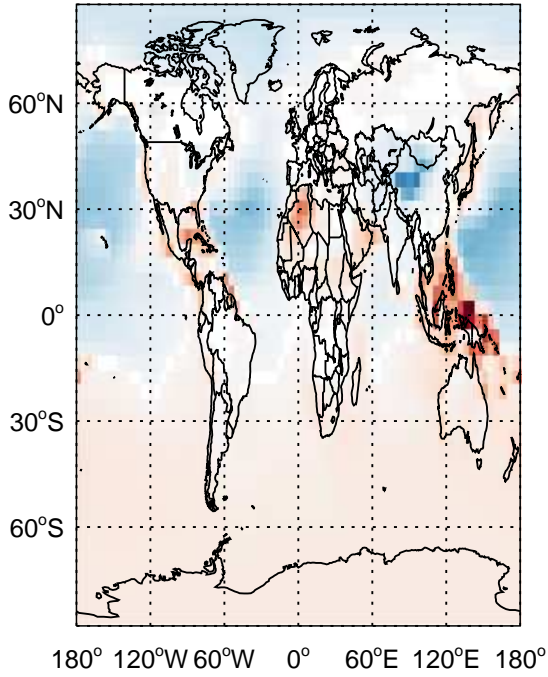


v11-01k-Run0 / v11-01f-geosfp-Run0
MEK / Ratio @ 500 hPa for Jul

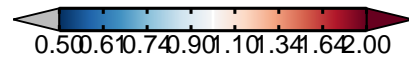
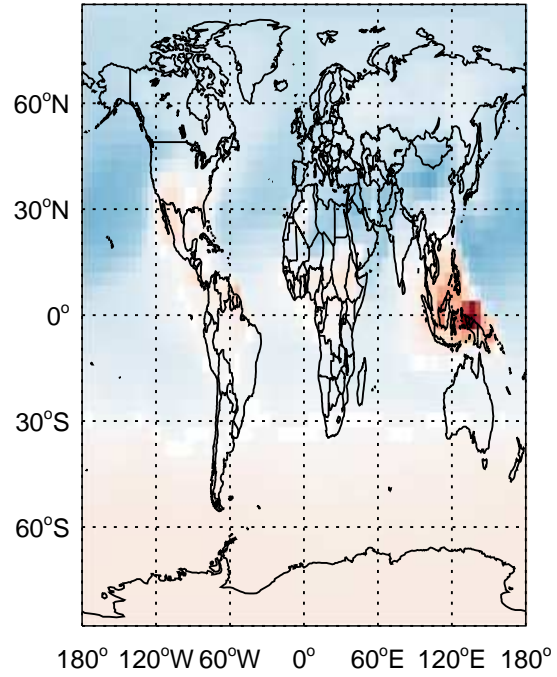


GEOS-Chem Ratio Maps at surface and 500 hPa

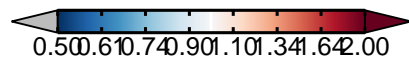
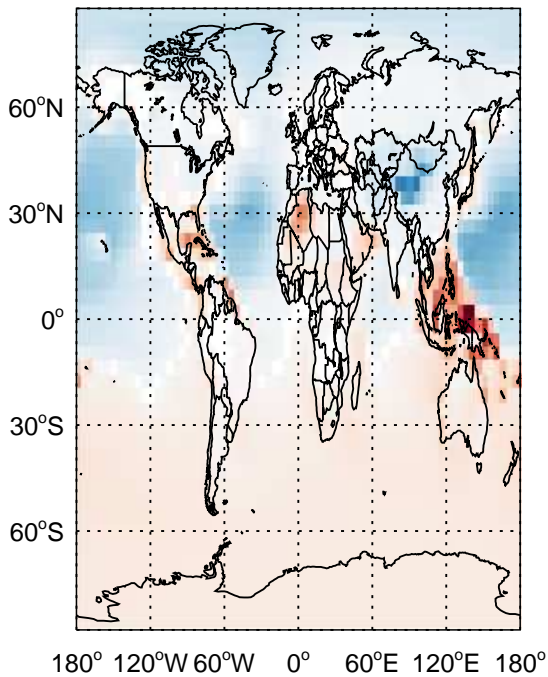
v11-01k-Run0 / v11-01g-Run0
ALD2 / Ratio @ Surface for Jul



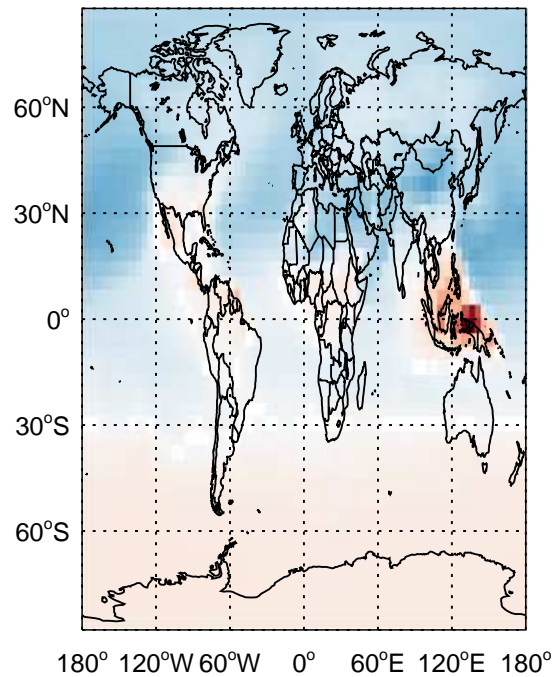
v11-01k-Run0 / v11-01g-Run0
ALD2/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ALD2 / Ratio @ Surface for Jul

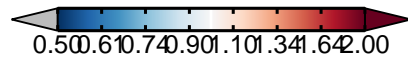
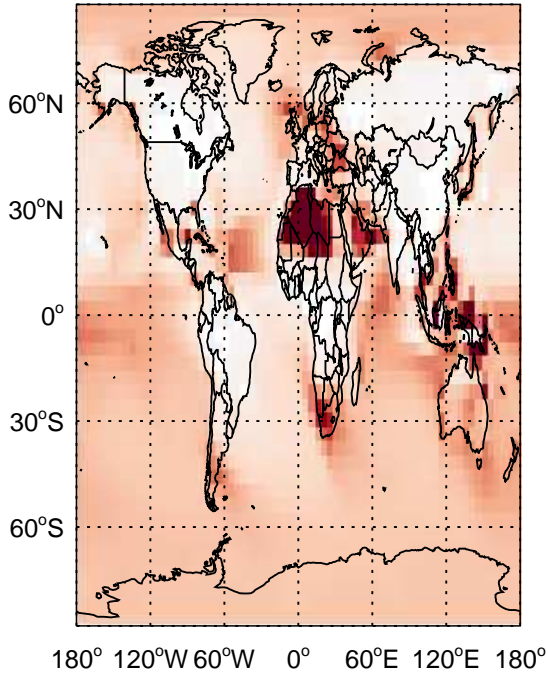


v11-01k-Run0 / v11-01f-geosfp-Run0
ALD2/ Ratio @ 500 hPa for Jul

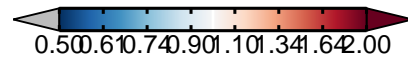
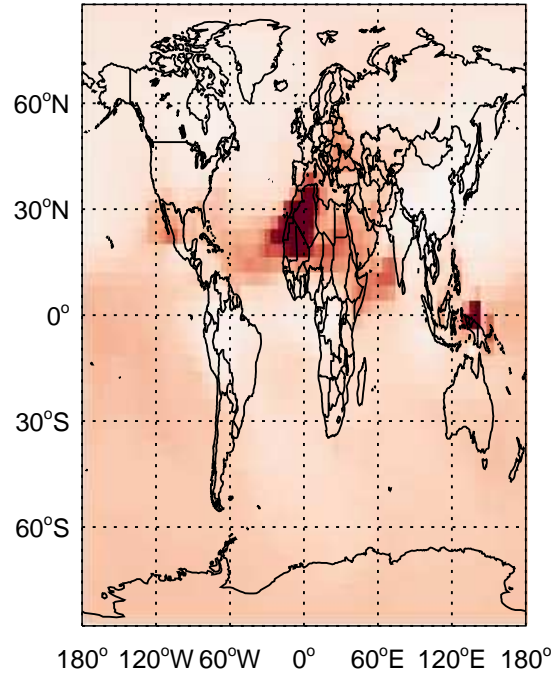


GEOS-Chem Ratio Maps at surface and 500 hPa

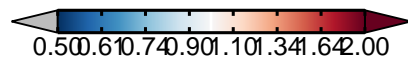
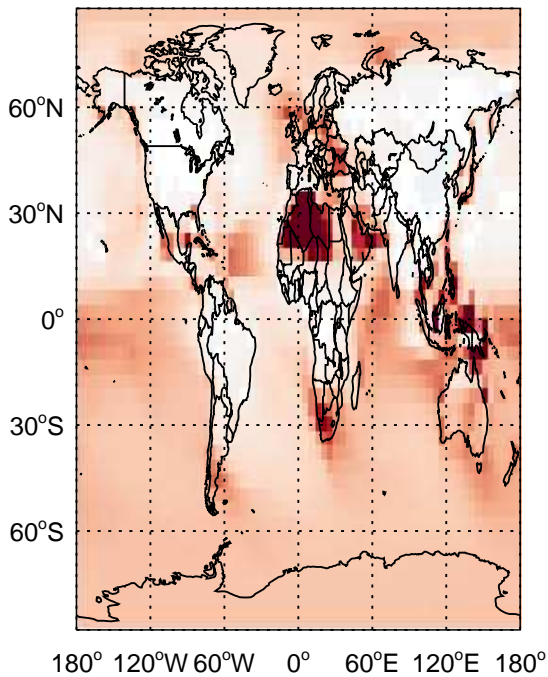
v11-01k-Run0 / v11-01g-Run0
RCHO / Ratio @ Surface for Jul



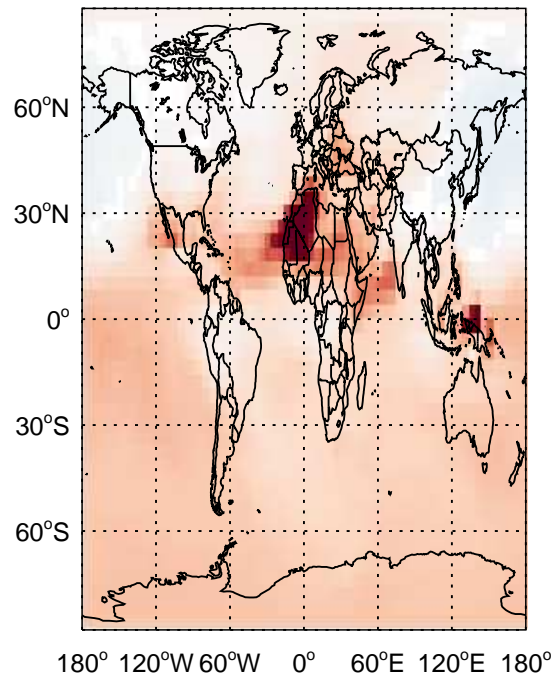
v11-01k-Run0 / v11-01g-Run0
RCHO/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
RCHO / Ratio @ Surface for Jul

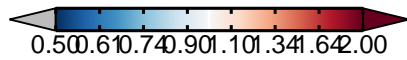
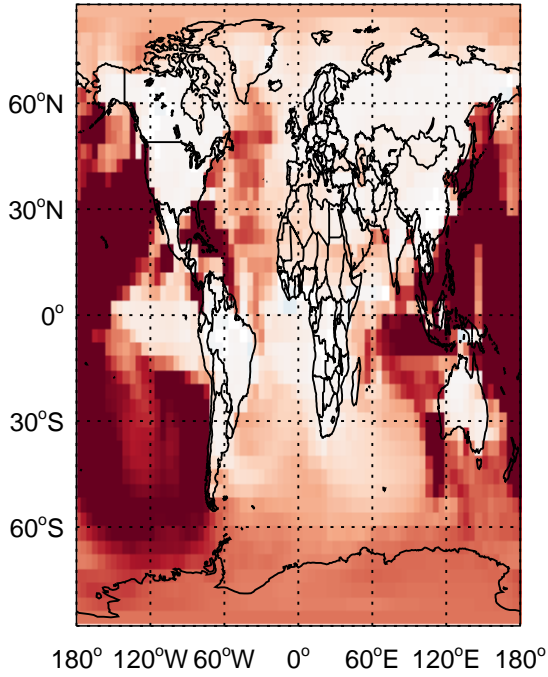


v11-01k-Run0 / v11-01f-geosfp-Run0
RCHO/ Ratio @ 500 hPa for Jul

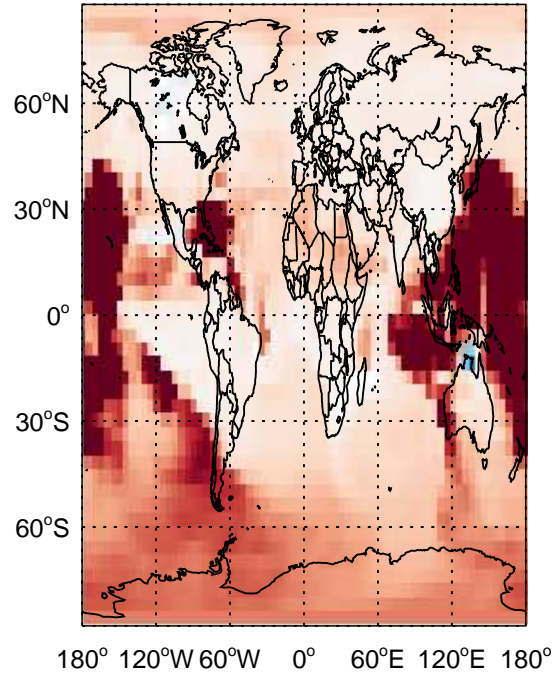


GEOS-Chem Ratio Maps at surface and 500 hPa

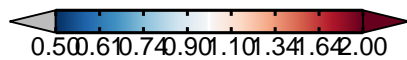
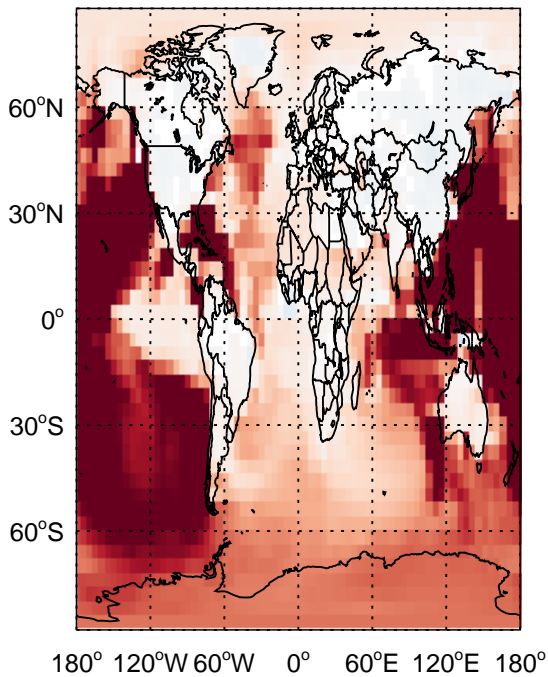
v11-01k-Run0 / v11-01g-Run0
MVK / Ratio @ Surface for Jul



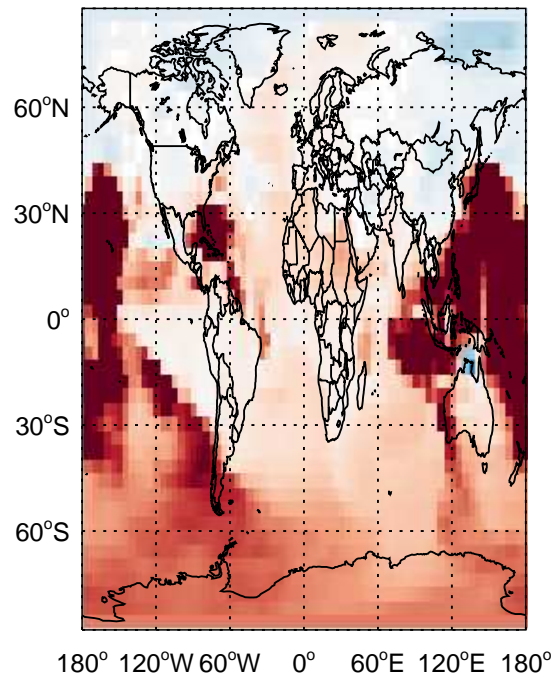
v11-01k-Run0 / v11-01g-Run0
MVK/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MVK / Ratio @ Surface for Jul

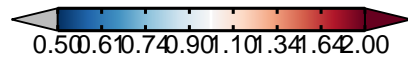
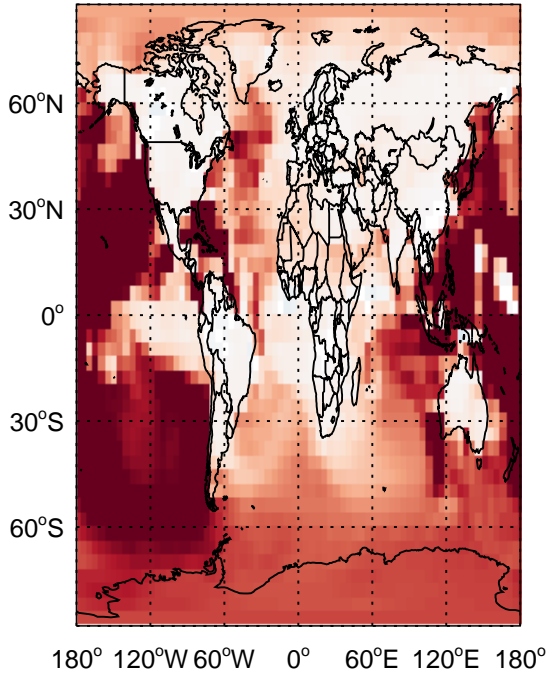


v11-01k-Run0 / v11-01f-geosfp-Run0
MVK/ Ratio @ 500 hPa for Jul

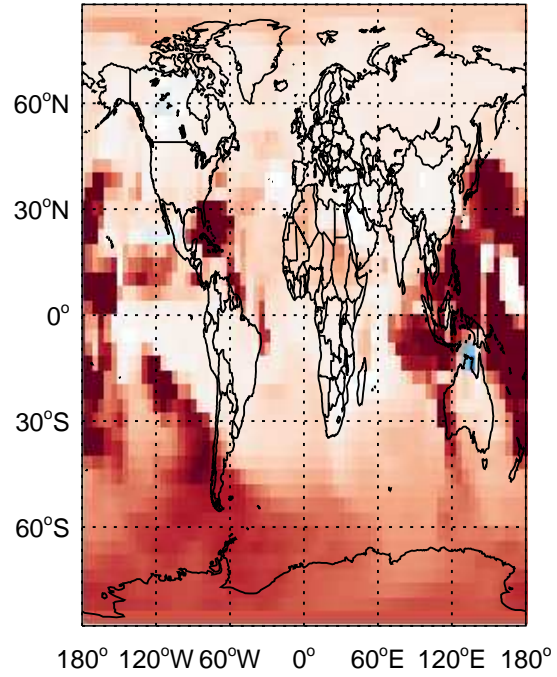


GEOS-Chem Ratio Maps at surface and 500 hPa

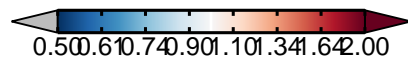
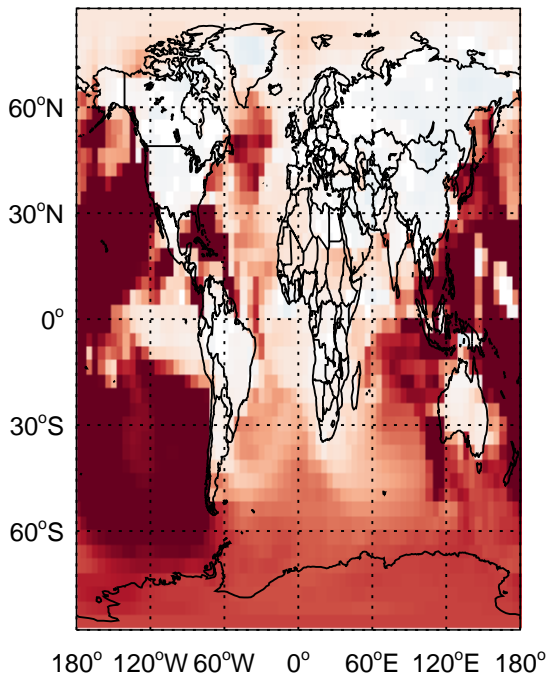
v11-01k-Run0 / v11-01g-Run0
MACR / Ratio @ Surface for Jul



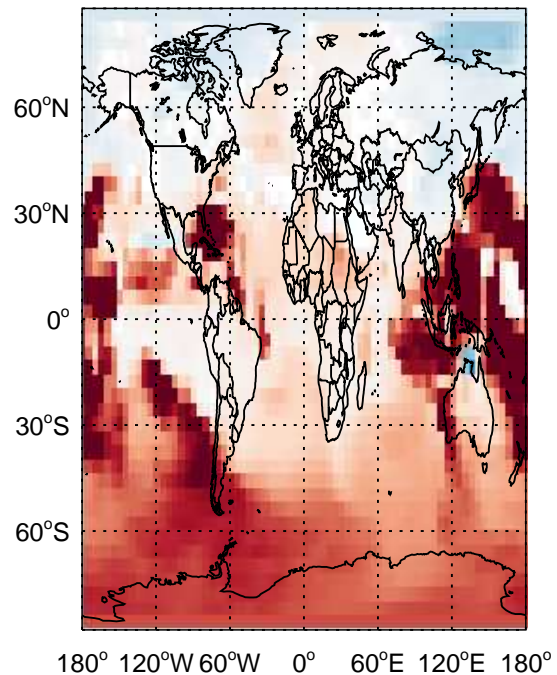
v11-01k-Run0 / v11-01g-Run0
MACR/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MACR / Ratio @ Surface for Jul

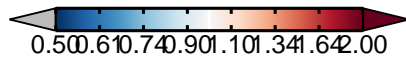
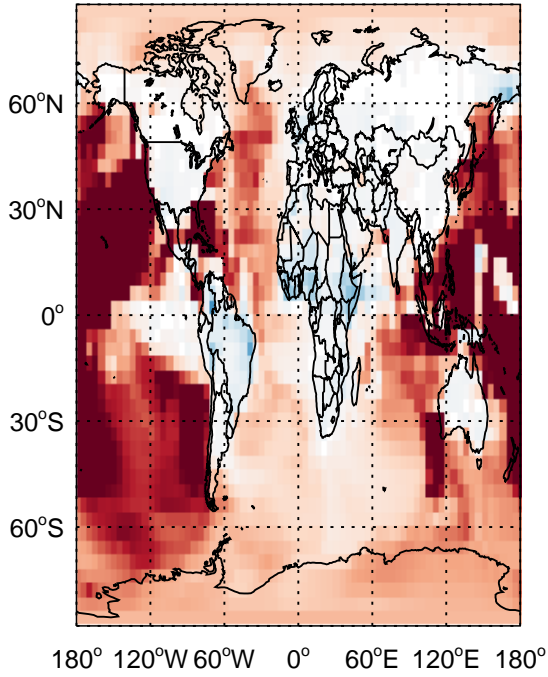


v11-01k-Run0 / v11-01f-geosfp-Run0
MACR/ Ratio @ 500 hPa for Jul

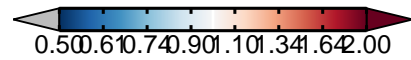
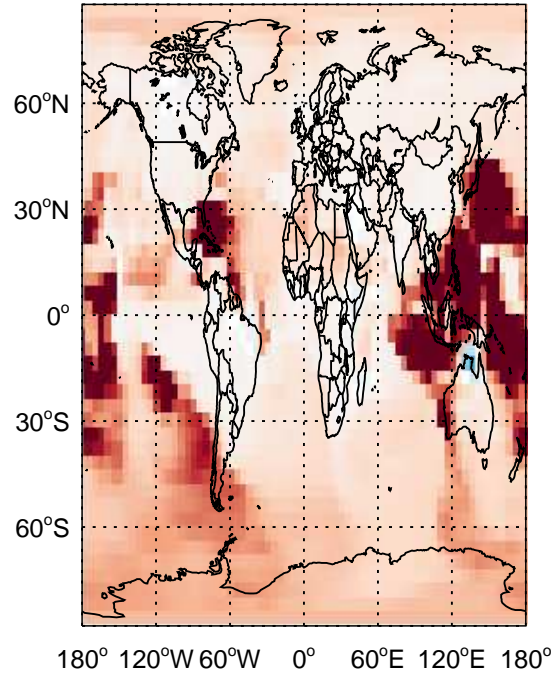


GEOS-Chem Ratio Maps at surface and 500 hPa

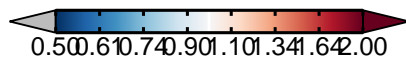
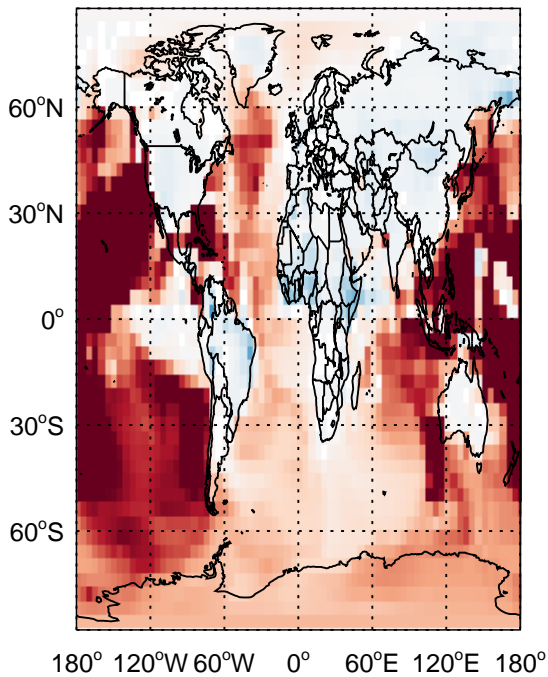
v11-01k-Run0 / v11-01g-Run0
PMN / Ratio @ Surface for Jul



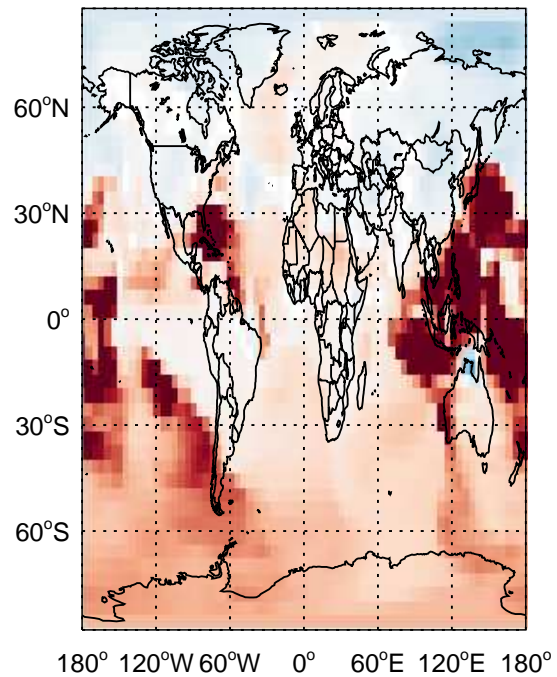
v11-01k-Run0 / v11-01g-Run0
PMN/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
PMN / Ratio @ Surface for Jul

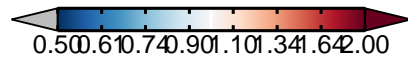
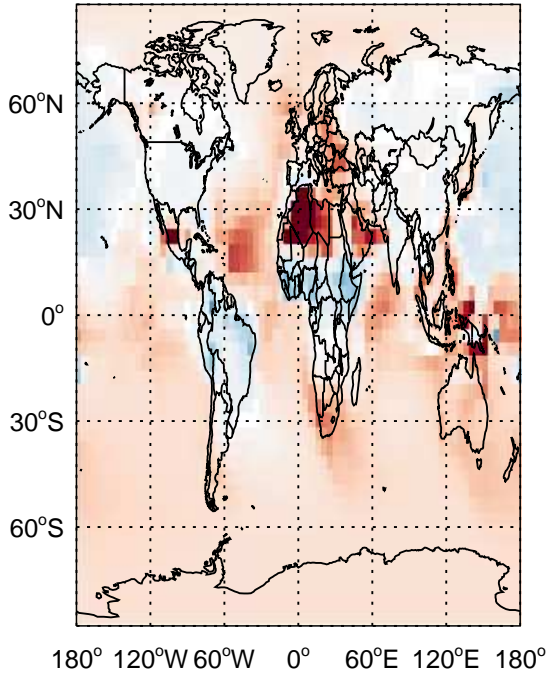


v11-01k-Run0 / v11-01f-geosfp-Run0
PMN/ Ratio @ 500 hPa for Jul

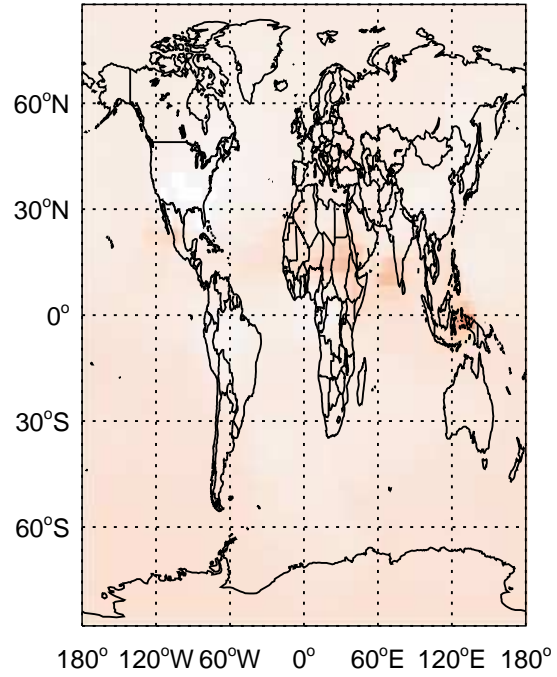


GEOS-Chem Ratio Maps at surface and 500 hPa

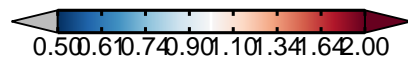
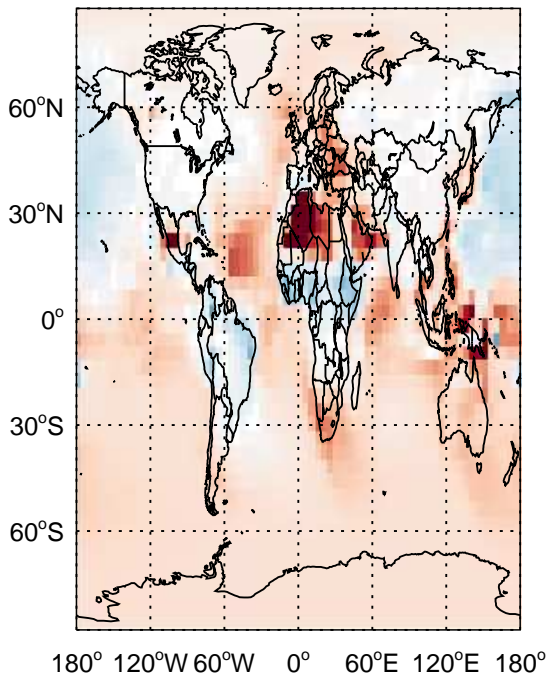
v11-01k-Run0 / v11-01g-Run0
PPN / Ratio @ Surface for Jul



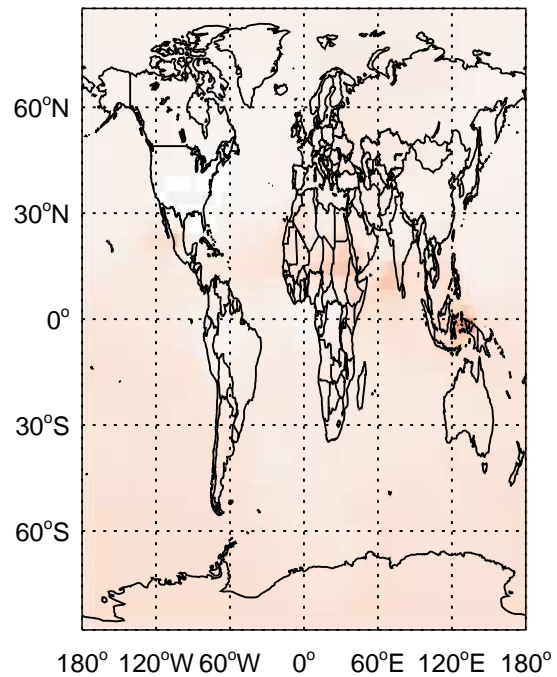
v11-01k-Run0 / v11-01g-Run0
PPN / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
PPN / Ratio @ Surface for Jul

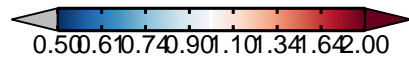
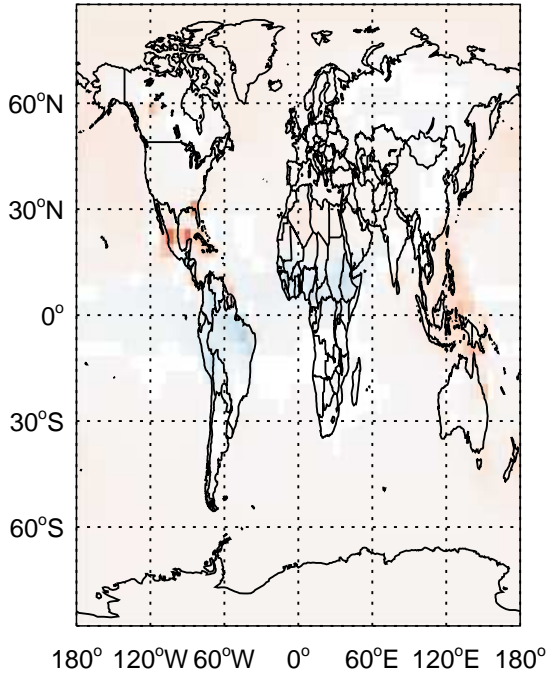


v11-01k-Run0 / v11-01f-geosfp-Run0
PPN / Ratio @ 500 hPa for Jul

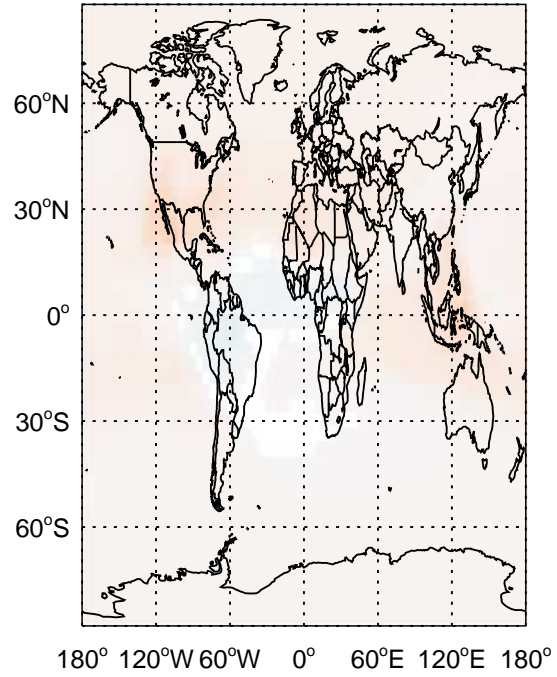


GEOS-Chem Ratio Maps at surface and 500 hPa

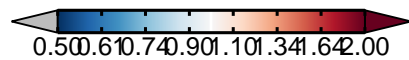
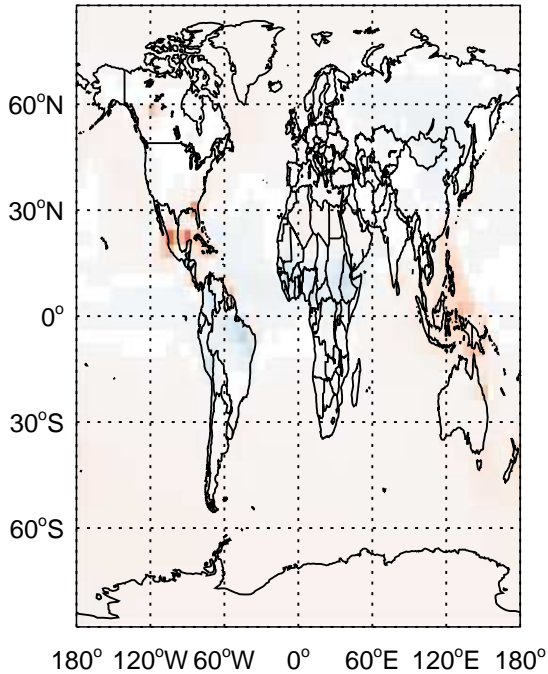
v11-01k-Run0 / v11-01g-Run0
R4N2 / Ratio @ Surface for Jul



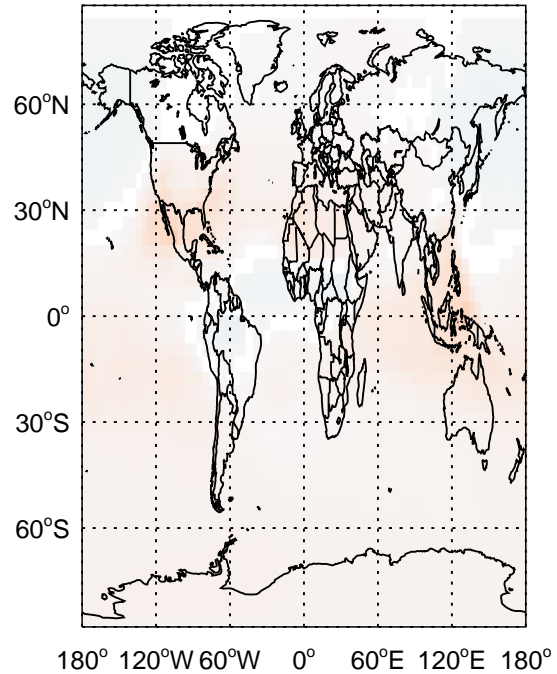
v11-01k-Run0 / v11-01g-Run0
R4N2/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
R4N2 / Ratio @ Surface for Jul

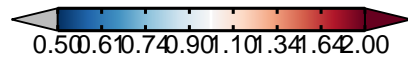
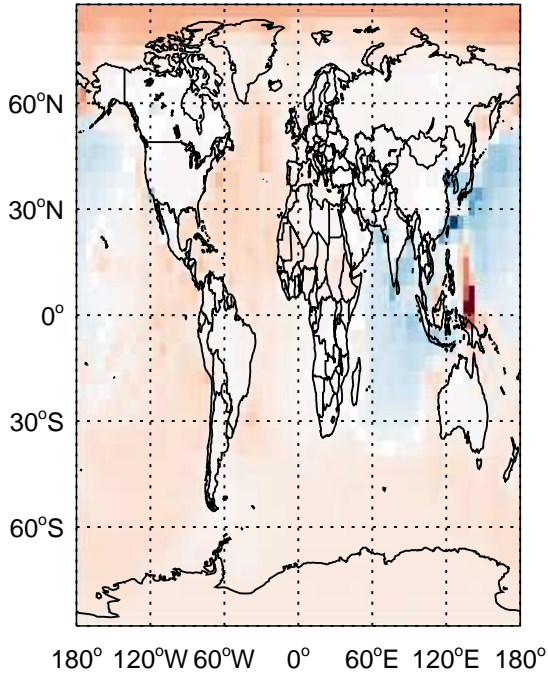


v11-01k-Run0 / v11-01f-geosfp-Run0
R4N2/ Ratio @ 500 hPa for Jul

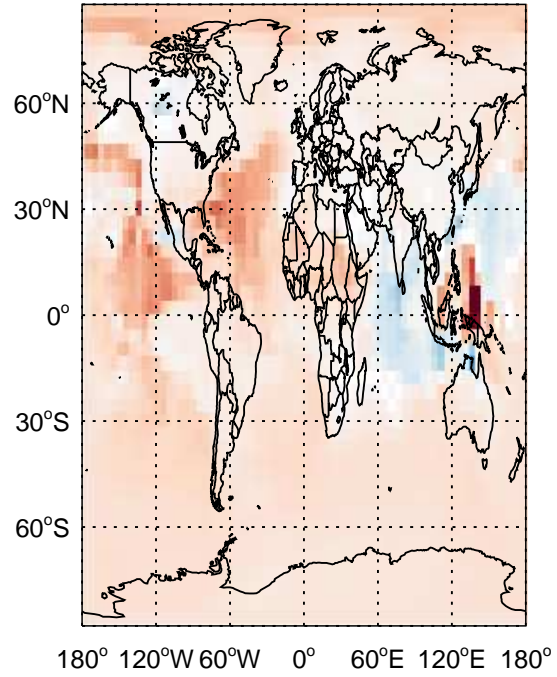


GEOS-Chem Ratio Maps at surface and 500 hPa

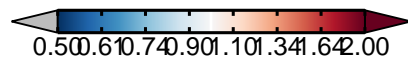
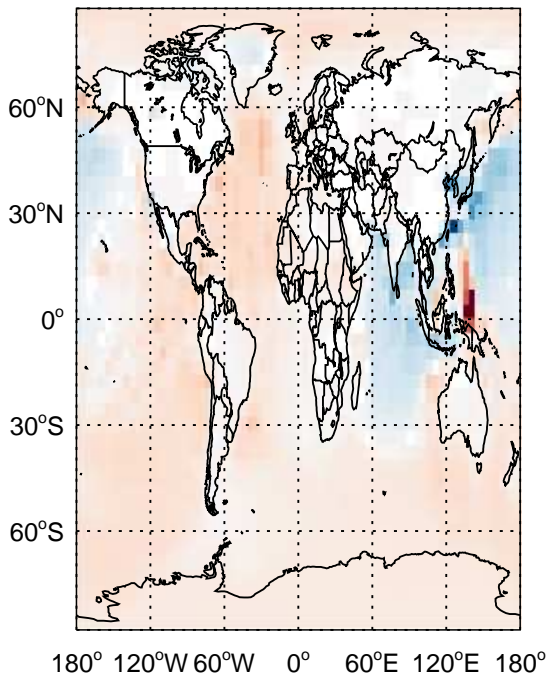
v11-01k-Run0 / v11-01g-Run0
PRPE / Ratio @ Surface for Jul



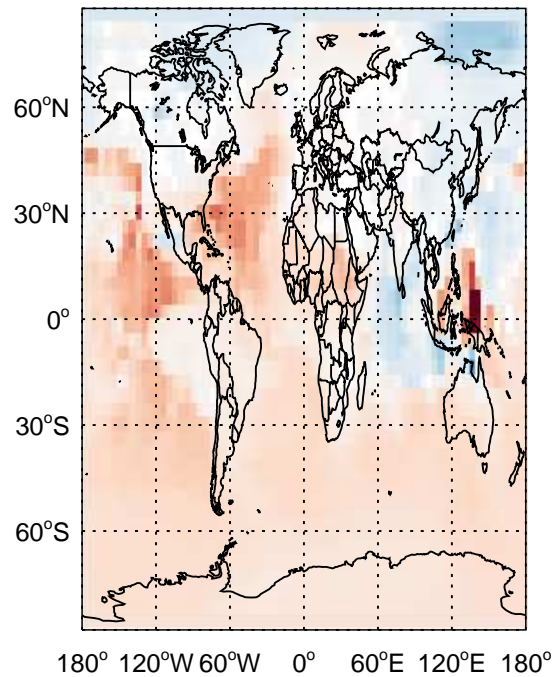
v11-01k-Run0 / v11-01g-Run0
PRPE/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
PRPE / Ratio @ Surface for Jul

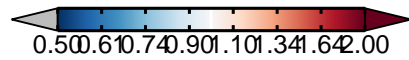
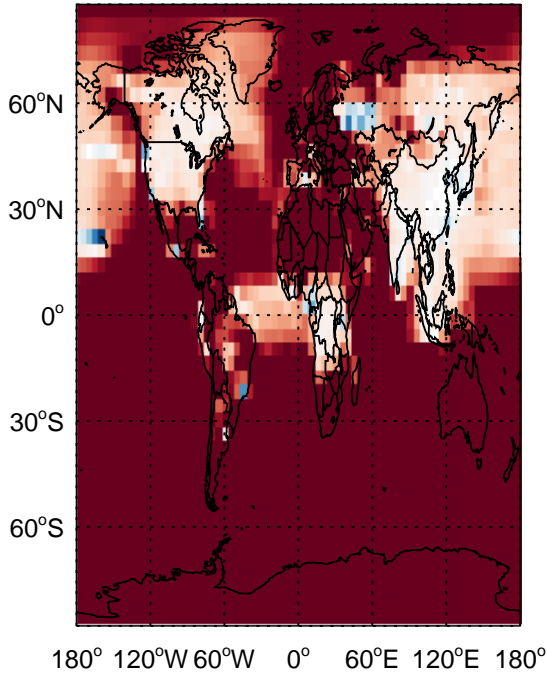


v11-01k-Run0 / v11-01f-geosp-Run0
PRPE/ Ratio @ 500 hPa for Jul

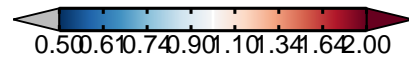
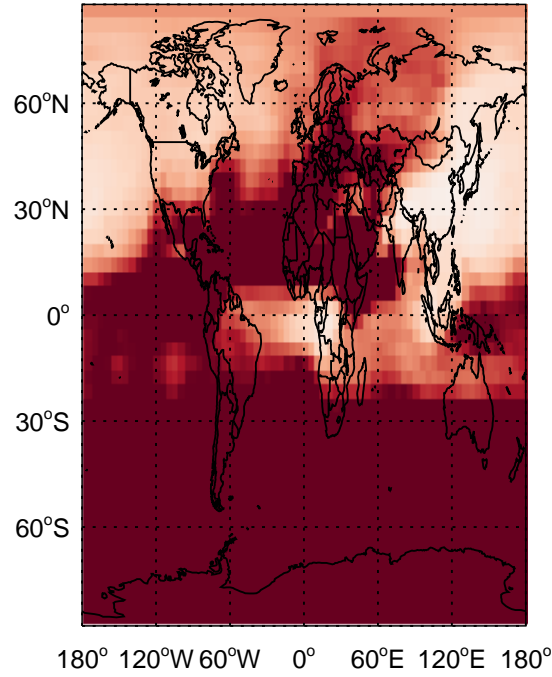


GEOS-Chem Ratio Maps at surface and 500 hPa

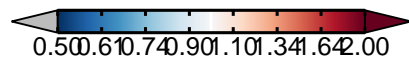
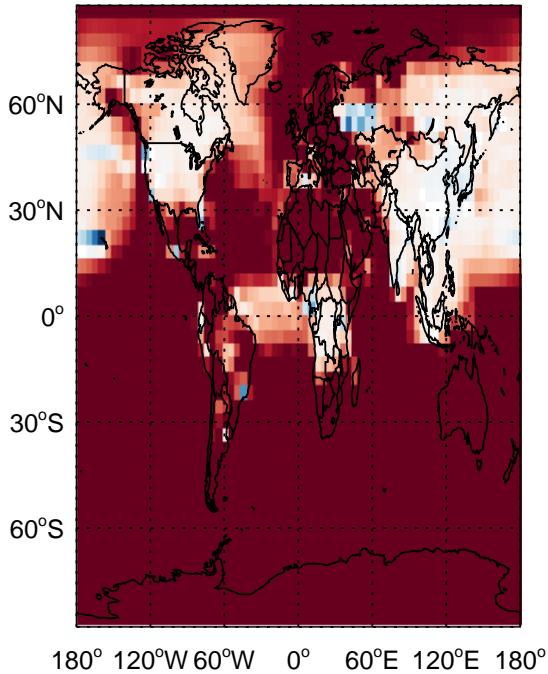
v11-01k-Run0 / v11-01g-Run0
C3H8 / Ratio @ Surface for Jul



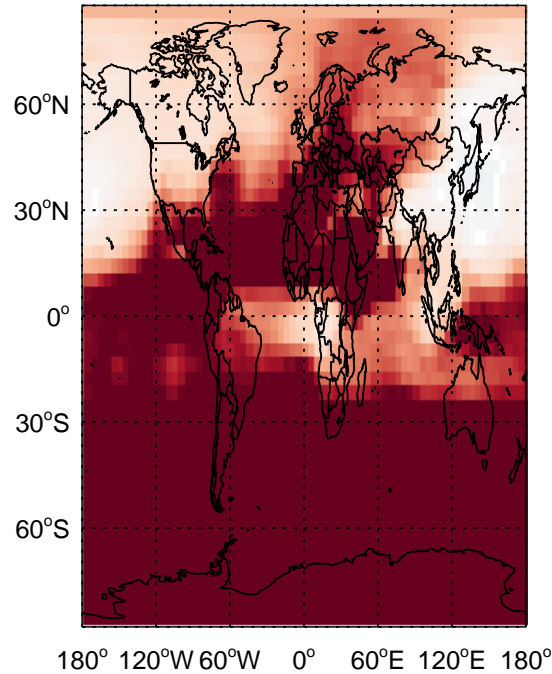
v11-01k-Run0 / v11-01g-Run0
C3H8/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
C3H8 / Ratio @ Surface for Jul

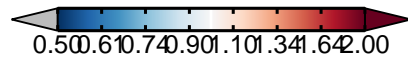
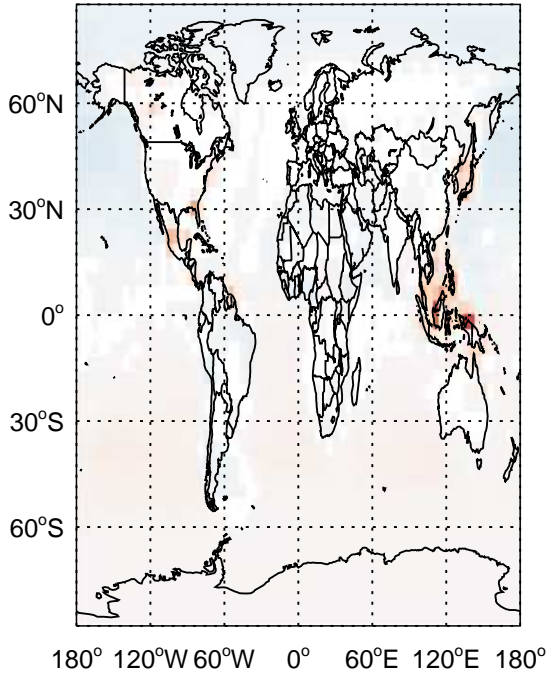


v11-01k-Run0 / v11-01f-geosp-Run0
C3H8/ Ratio @ 500 hPa for Jul

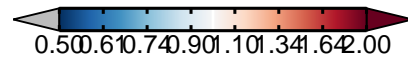
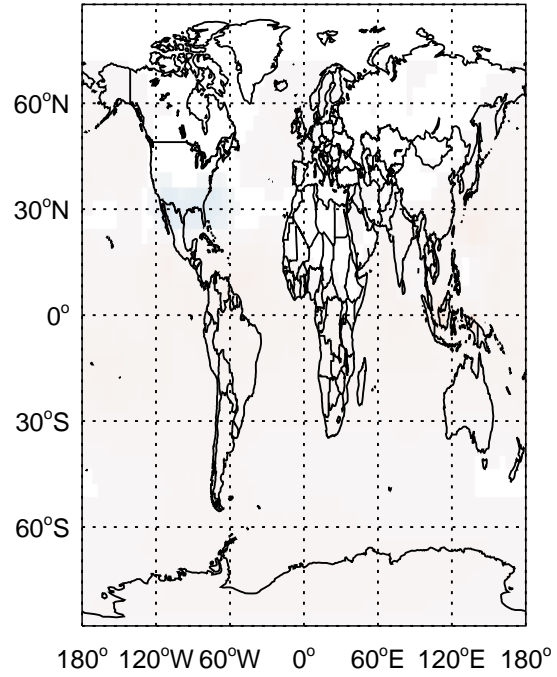


GEOS-Chem Ratio Maps at surface and 500 hPa

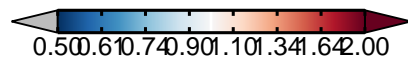
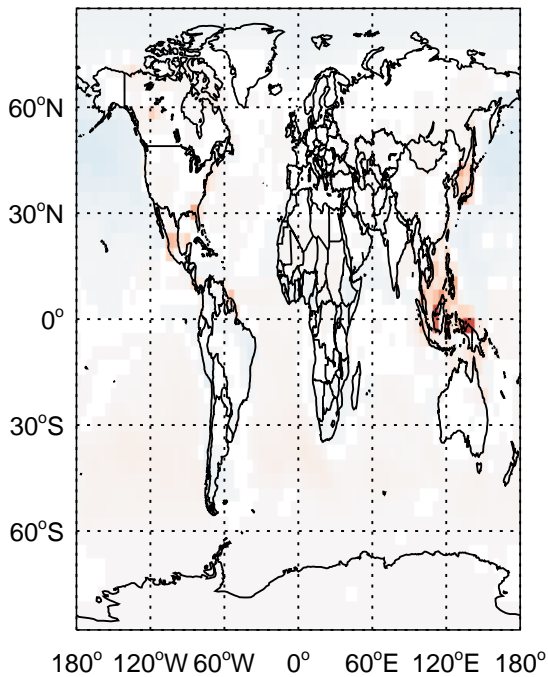
v11-01k-Run0 / v11-01g-Run0
CH2O / Ratio @ Surface for Jul



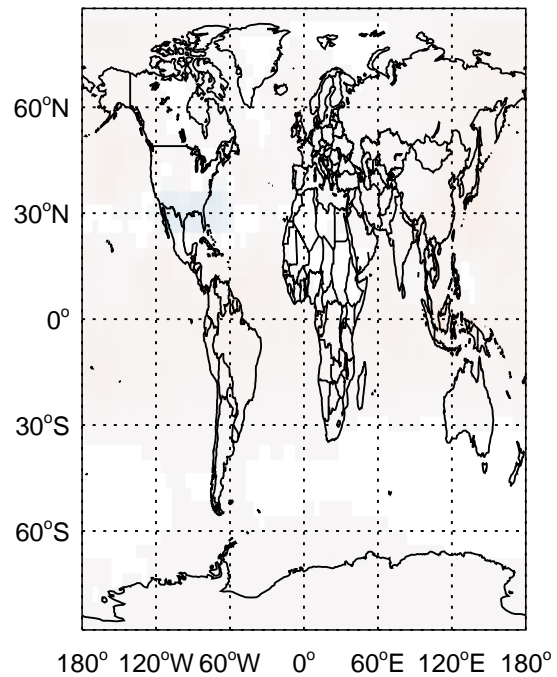
v11-01k-Run0 / v11-01g-Run0
CH2O/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CH2O / Ratio @ Surface for Jul

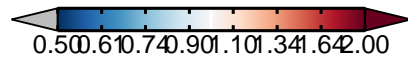
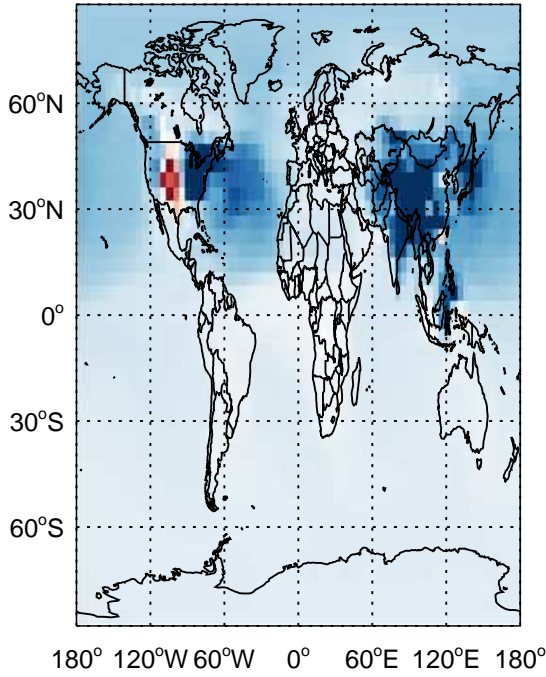


v11-01k-Run0 / v11-01f-geosfp-Run0
CH2O/ Ratio @ 500 hPa for Jul

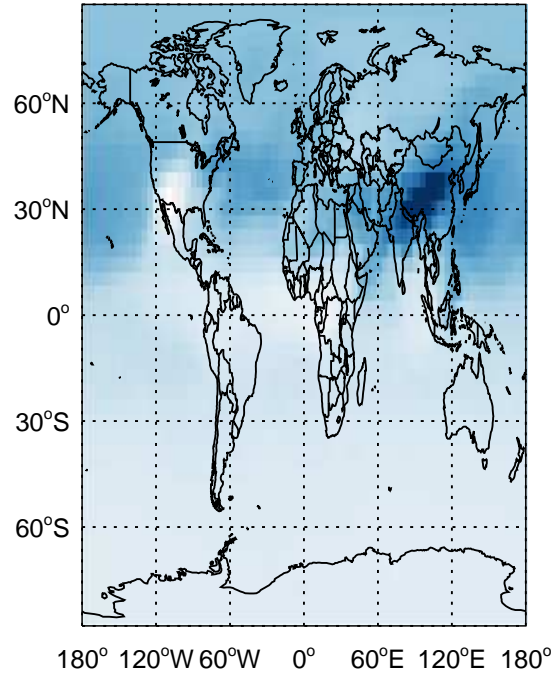


GEOS-Chem Ratio Maps at surface and 500 hPa

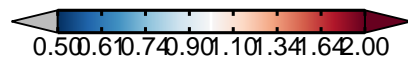
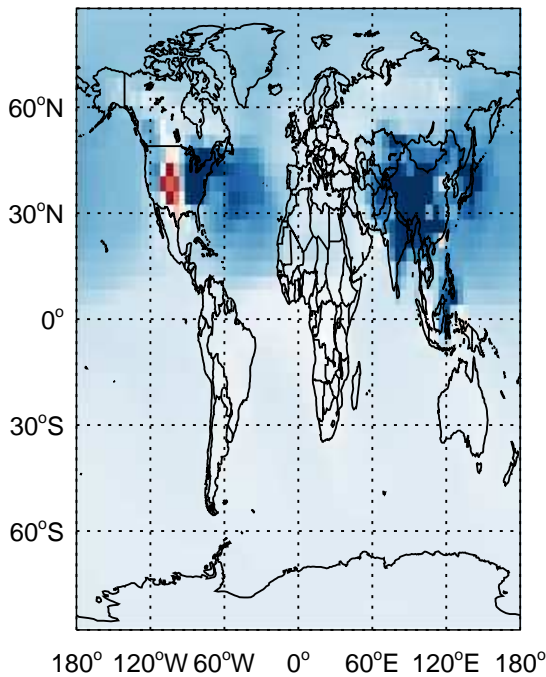
v11-01k-Run0 / v11-01g-Run0
C2H6 / Ratio @ Surface for Jul



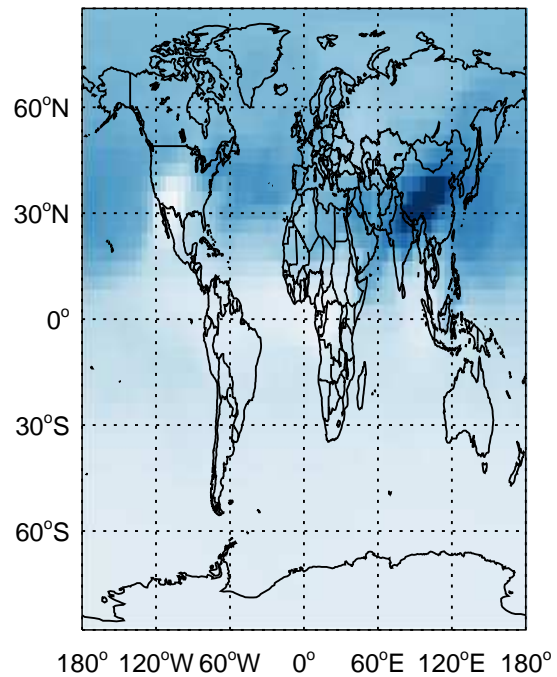
v11-01k-Run0 / v11-01g-Run0
C2H6/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
C2H6 / Ratio @ Surface for Jul

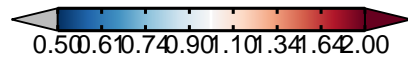
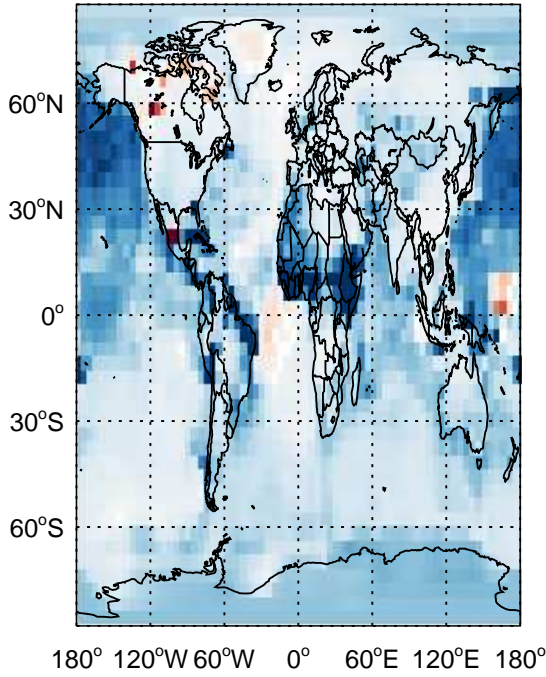


v11-01k-Run0 / v11-01f-geosp-Run0
C2H6/ Ratio @ 500 hPa for Jul

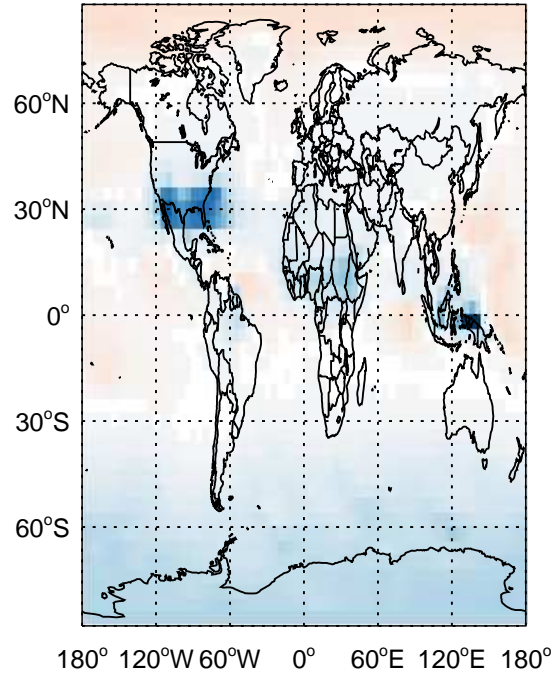


GEOS-Chem Ratio Maps at surface and 500 hPa

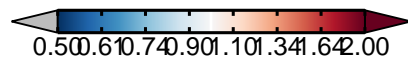
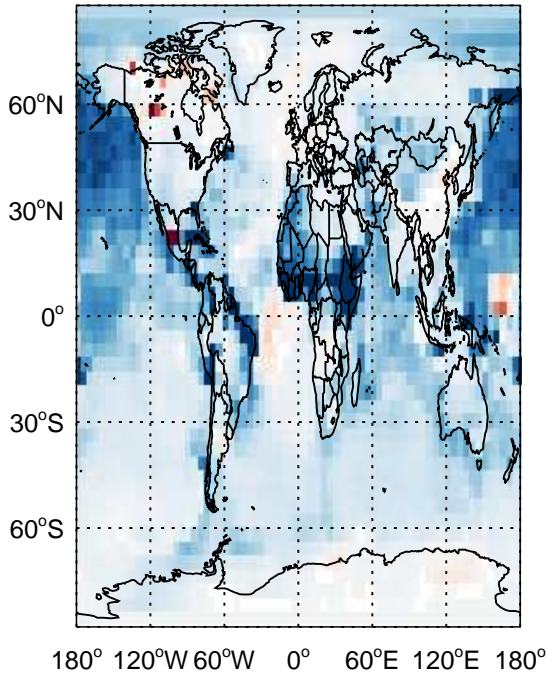
v11-01k-Run0 / v11-01g-Run0
N2O5 / Ratio @ Surface for Jul



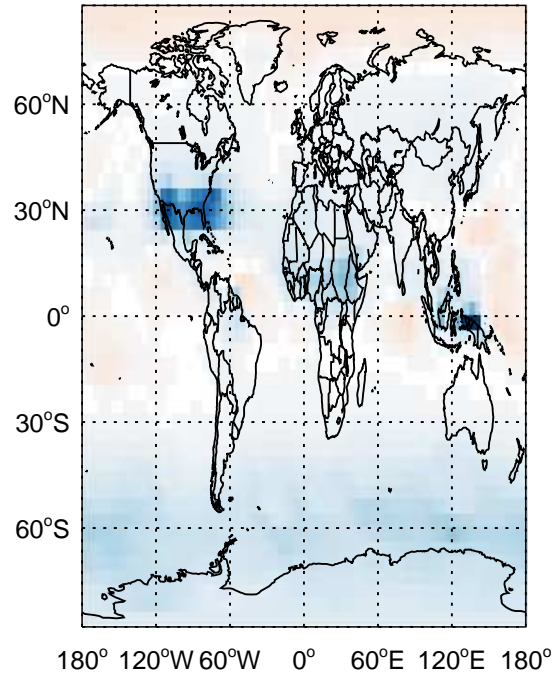
v11-01k-Run0 / v11-01g-Run0
N2O5/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
N2O5 / Ratio @ Surface for Jul

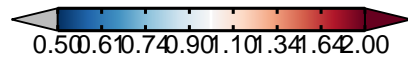
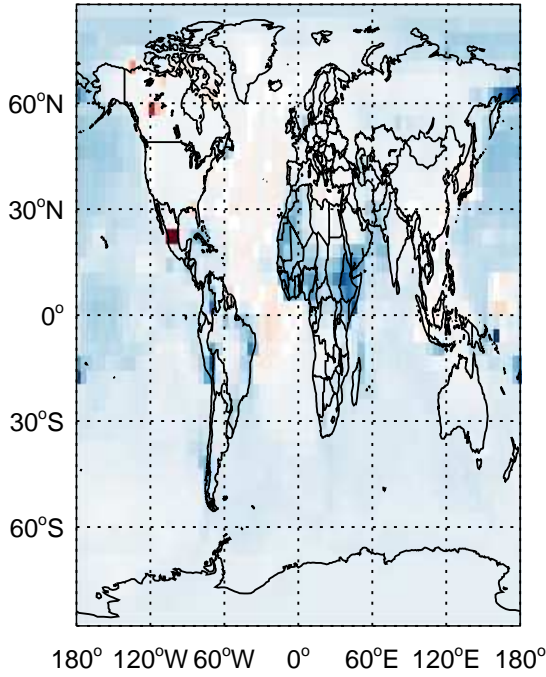


v11-01k-Run0 / v11-01f-geosfp-Run0
N2O5/ Ratio @ 500 hPa for Jul

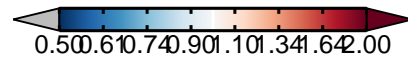
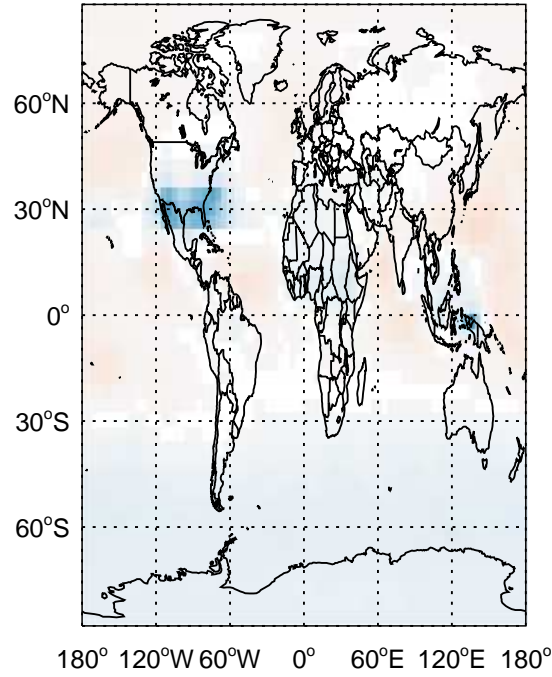


GEOS-Chem Ratio Maps at surface and 500 hPa

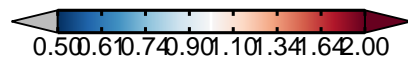
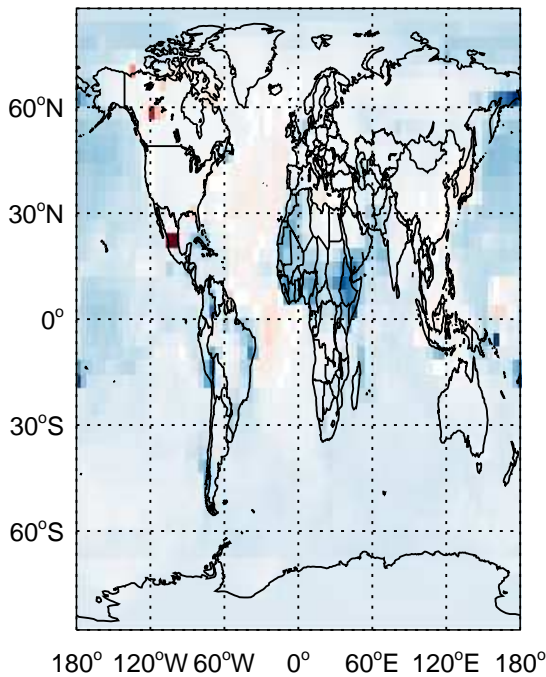
v11-01k-Run0 / v11-01g-Run0
HNO₄ / Ratio @ Surface for Jul



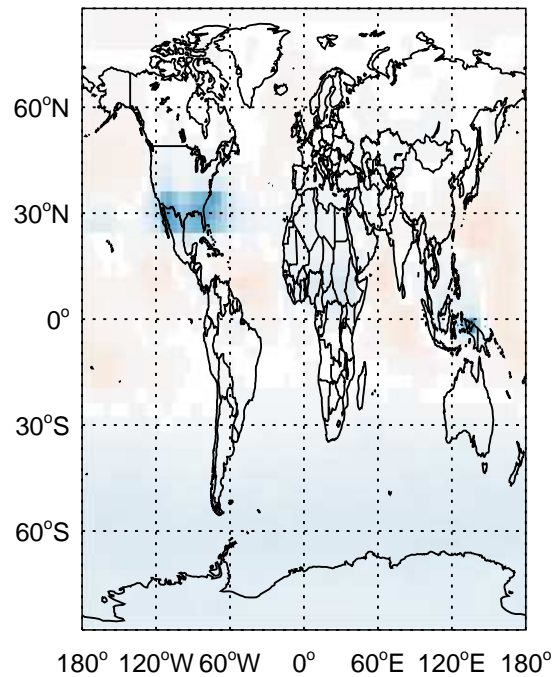
v11-01k-Run0 / v11-01g-Run0
HNO₄ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HNO₄ / Ratio @ Surface for Jul

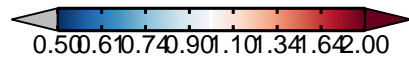
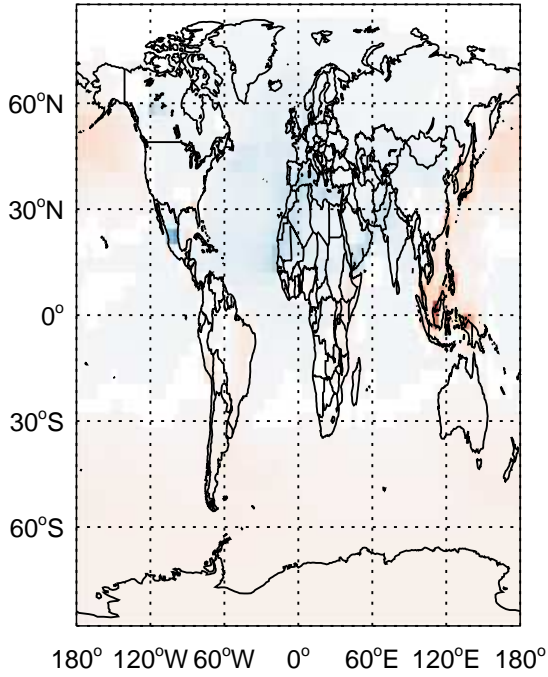


v11-01k-Run0 / v11-01f-geosfp-Run0
HNO₄ / Ratio @ 500 hPa for Jul

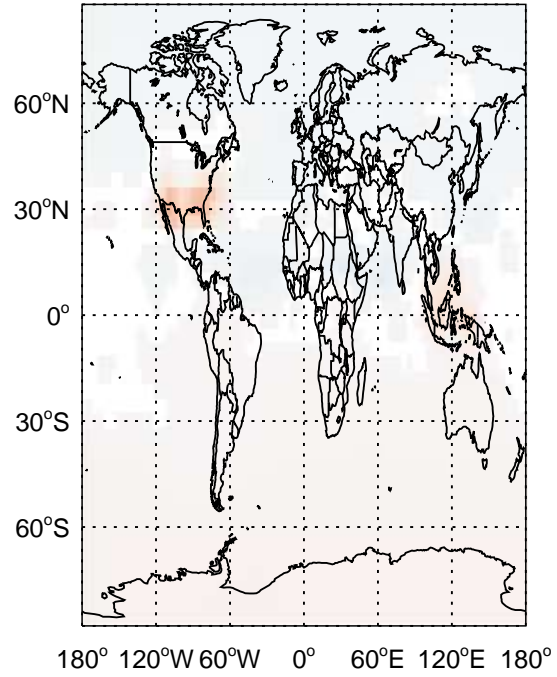


GEOS-Chem Ratio Maps at surface and 500 hPa

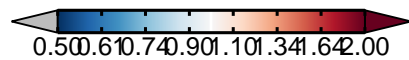
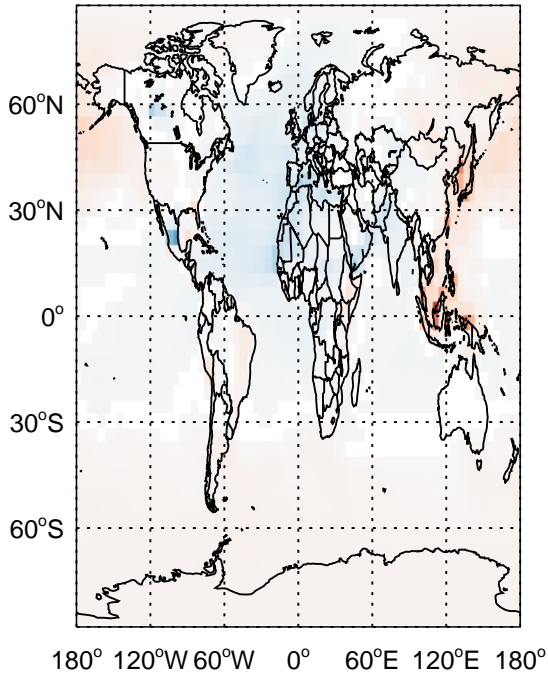
v11-01k-Run0 / v11-01g-Run0
MP / Ratio @ Surface for Jul



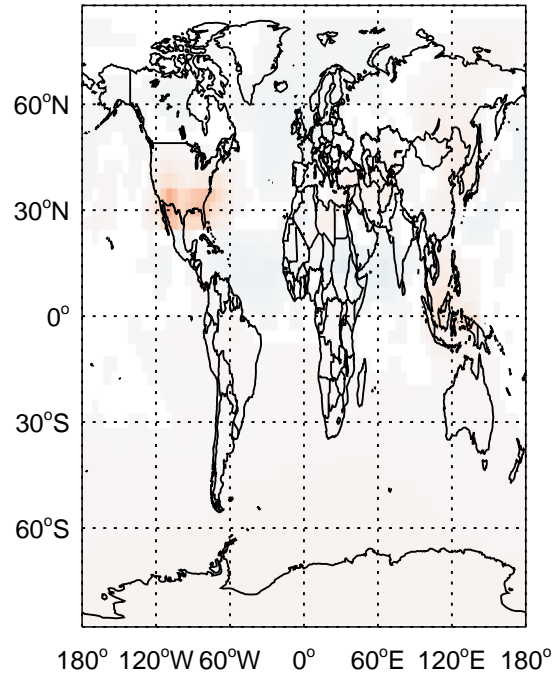
v11-01k-Run0 / v11-01g-Run0
MP/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MP / Ratio @ Surface for Jul

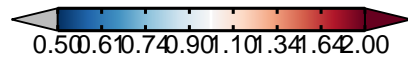
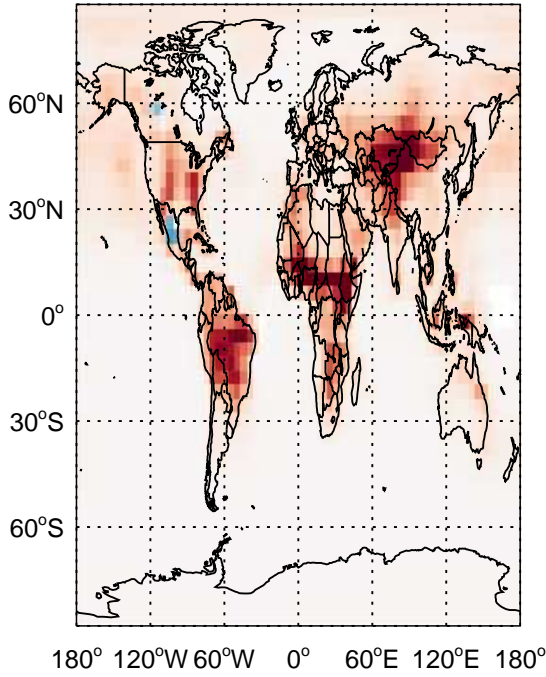


v11-01k-Run0 / v11-01f-geosfp-Run0
MP/ Ratio @ 500 hPa for Jul

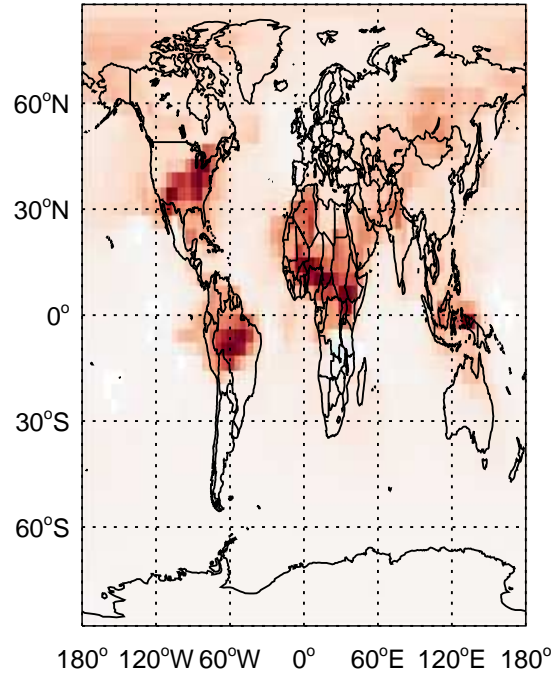


GEOS-Chem Ratio Maps at surface and 500 hPa

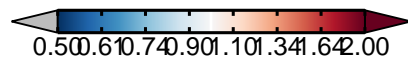
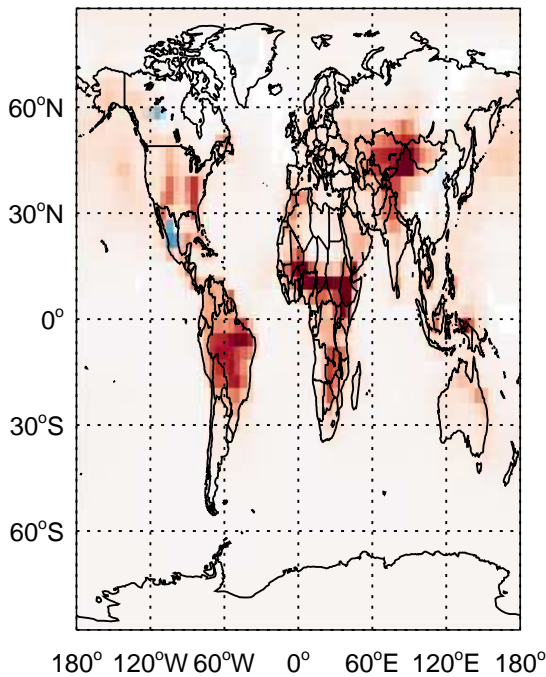
v11-01k-Run0 / v11-01g-Run0
DMS / Ratio @ Surface for Jul



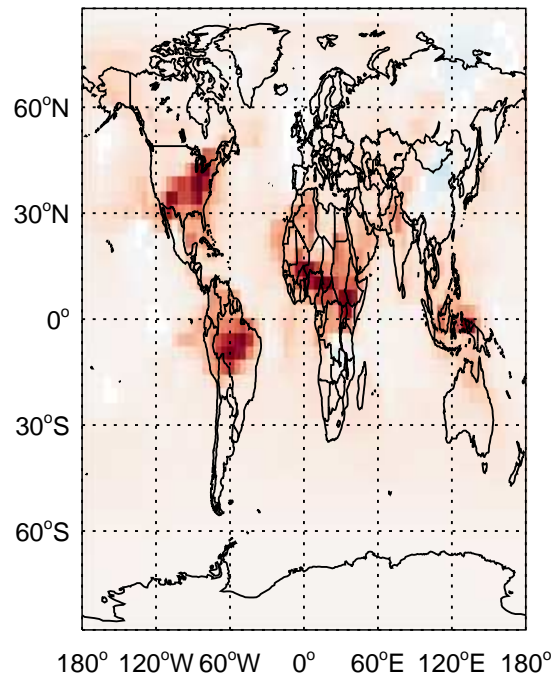
v11-01k-Run0 / v11-01g-Run0
DMS/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
DMS / Ratio @ Surface for Jul

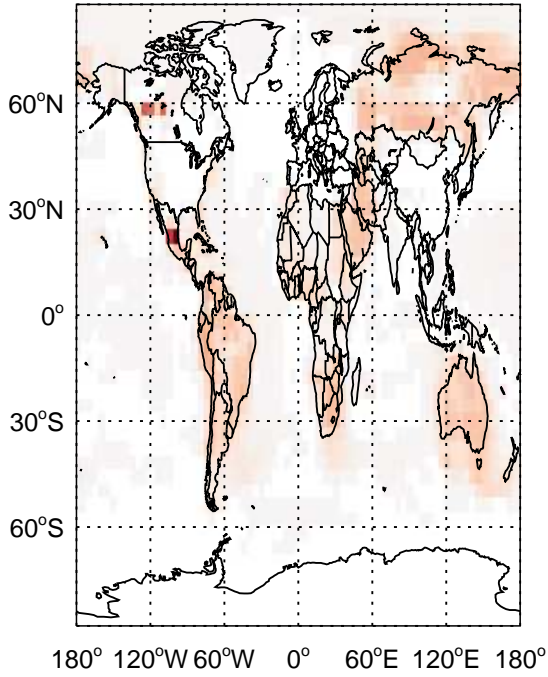


v11-01k-Run0 / v11-01f-geosp-Run0
DMS/ Ratio @ 500 hPa for Jul

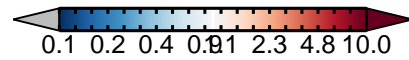
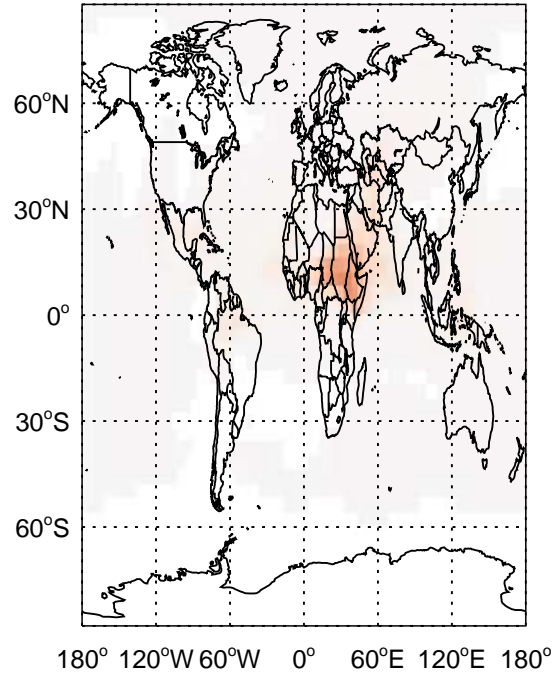


GEOS-Chem Ratio Maps at surface and 500 hPa

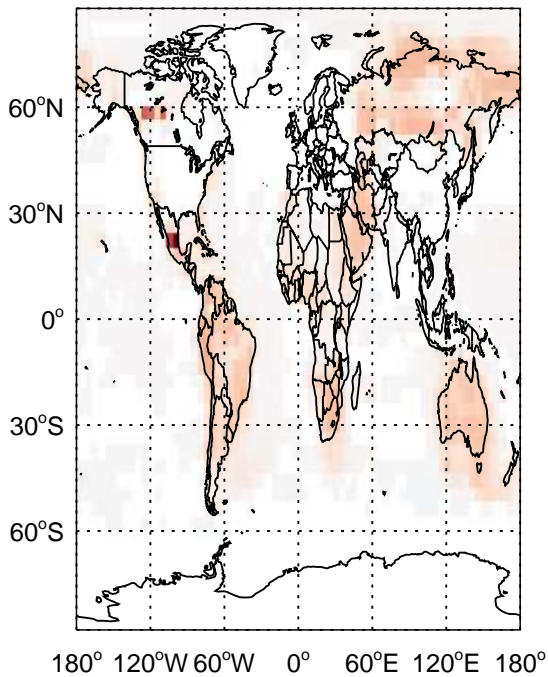
v11-01k-Run0 / v11-01g-Run0
SO₂ / Ratio @ Surface for Jul



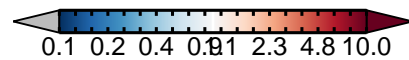
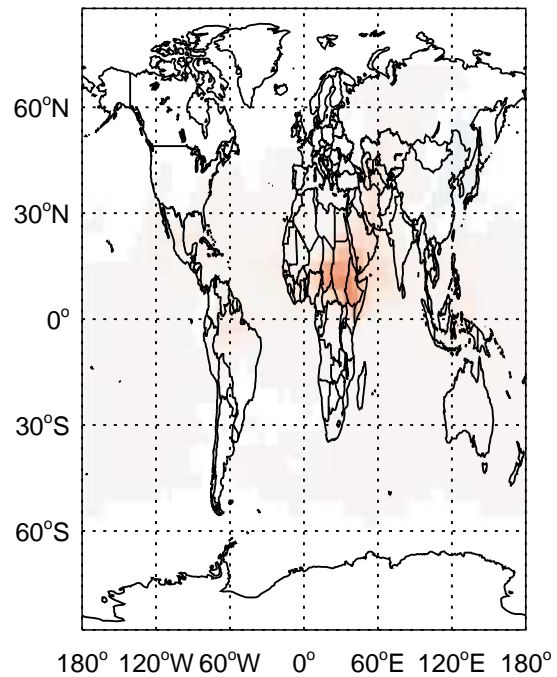
v11-01k-Run0 / v11-01g-Run0
SO₂ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
SO₂ / Ratio @ Surface for Jul

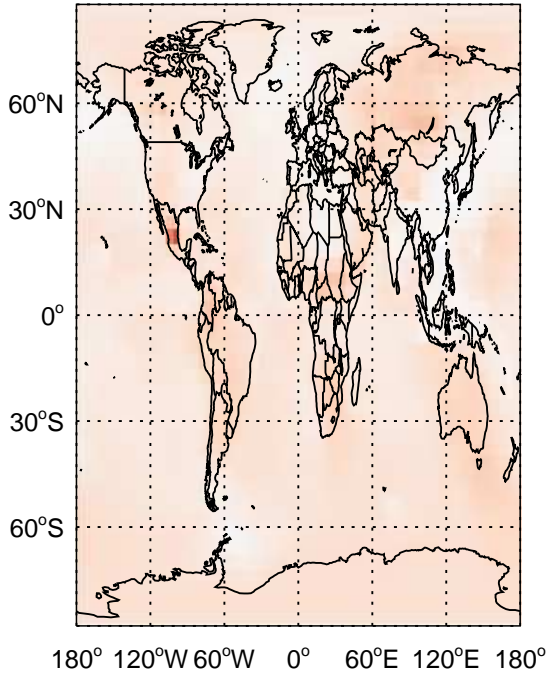


v11-01k-Run0 / v11-01f-geosfp-Run0
SO₂ / Ratio @ 500 hPa for Jul

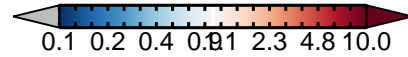
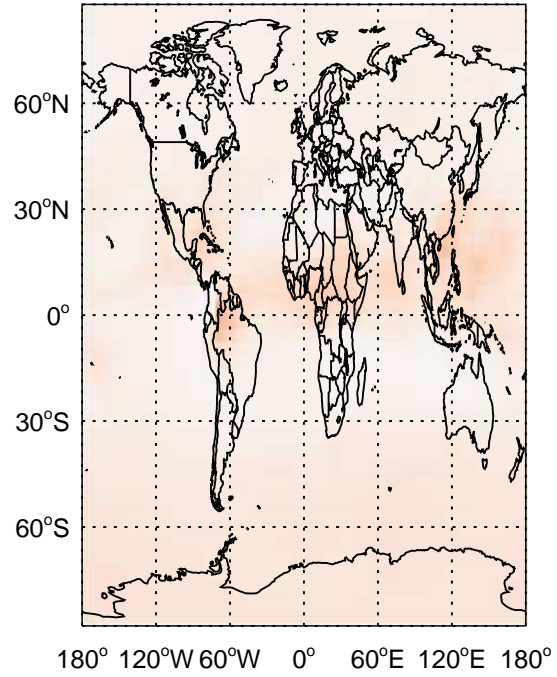


GEOS-Chem Ratio Maps at surface and 500 hPa

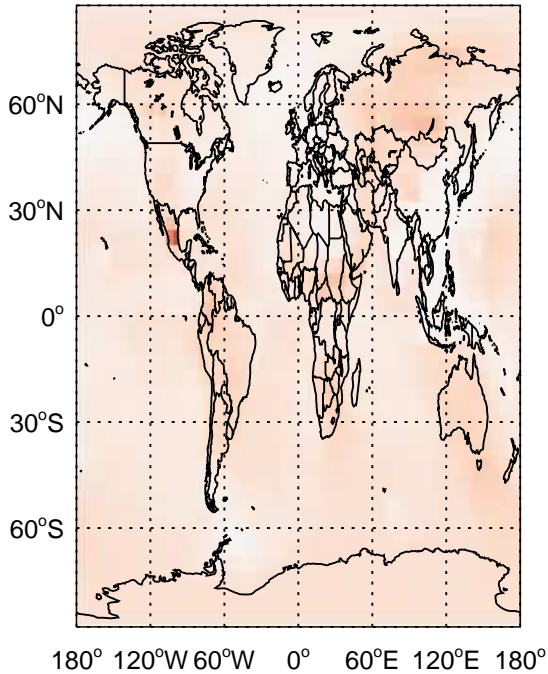
v11-01k-Run0 / v11-01g-Run0
SO4 / Ratio @ Surface for Jul



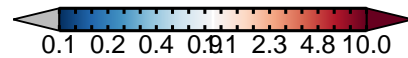
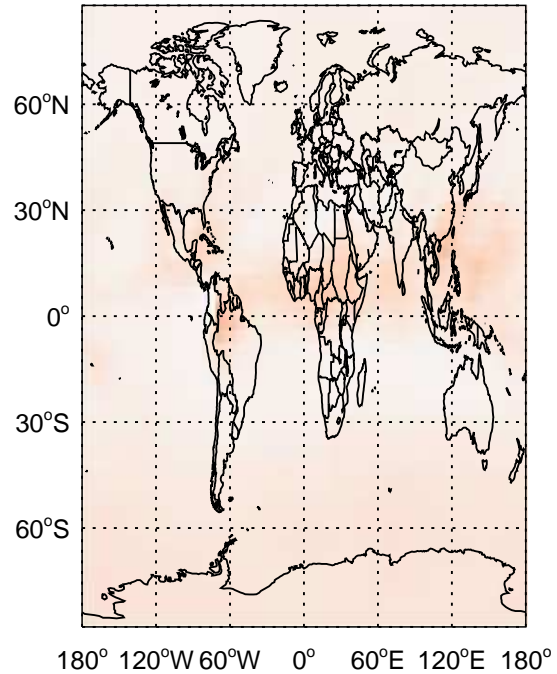
v11-01k-Run0 / v11-01g-Run0
SO4 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
SO4 / Ratio @ Surface for Jul

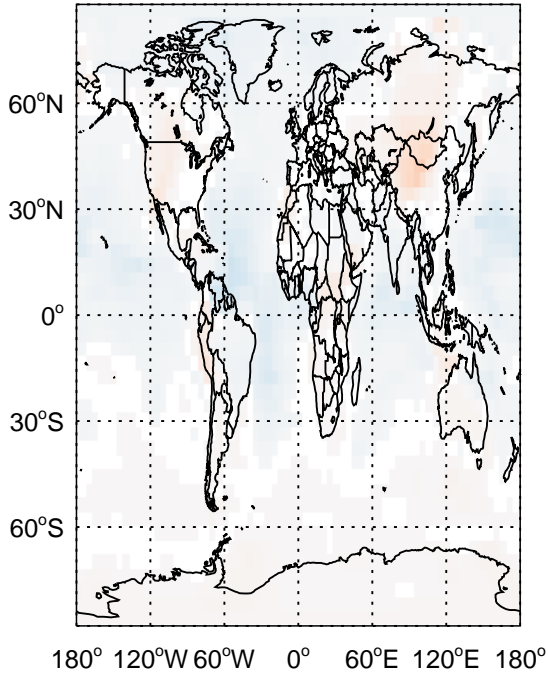


v11-01k-Run0 / v11-01f-geosfp-Run0
SO4 / Ratio @ 500 hPa for Jul

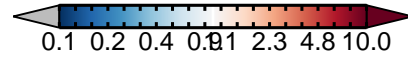
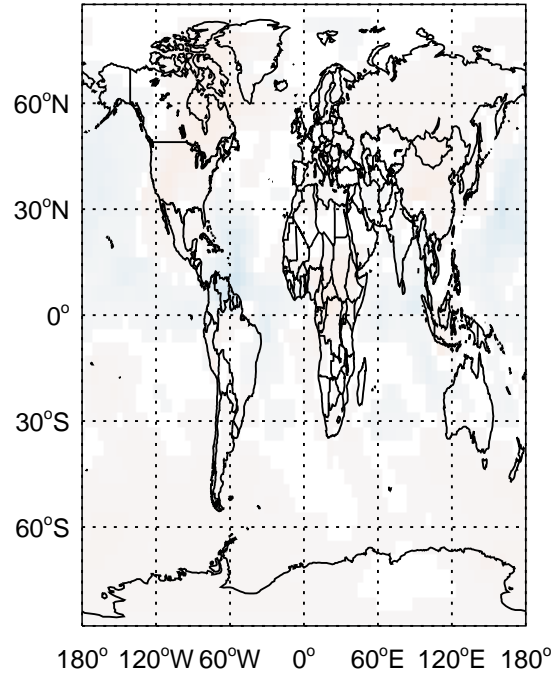


GEOS-Chem Ratio Maps at surface and 500 hPa

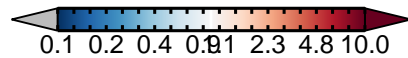
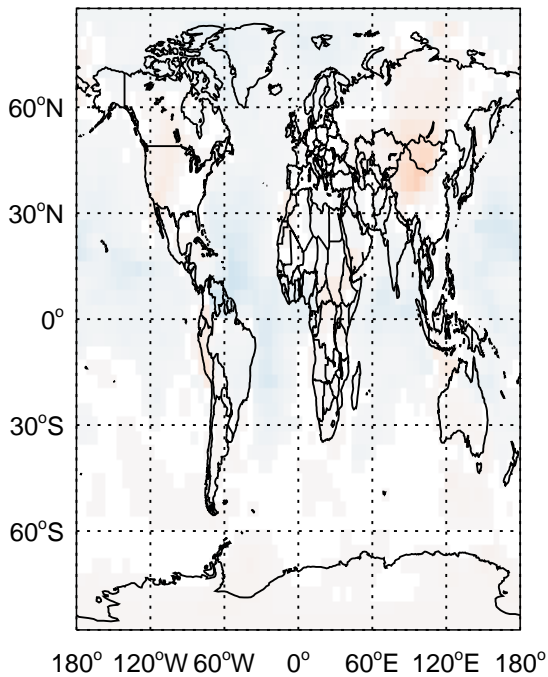
v11-01k-Run0 / v11-01g-Run0
SO4s / Ratio @ Surface for Jul



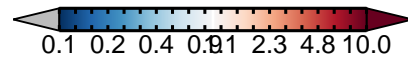
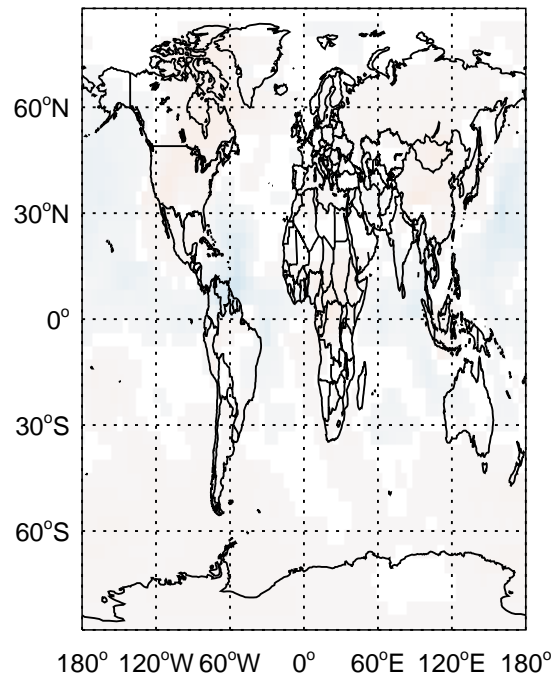
v11-01k-Run0 / v11-01g-Run0
SO4s / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
SO4s / Ratio @ Surface for Jul

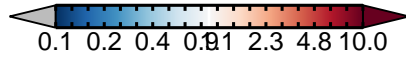
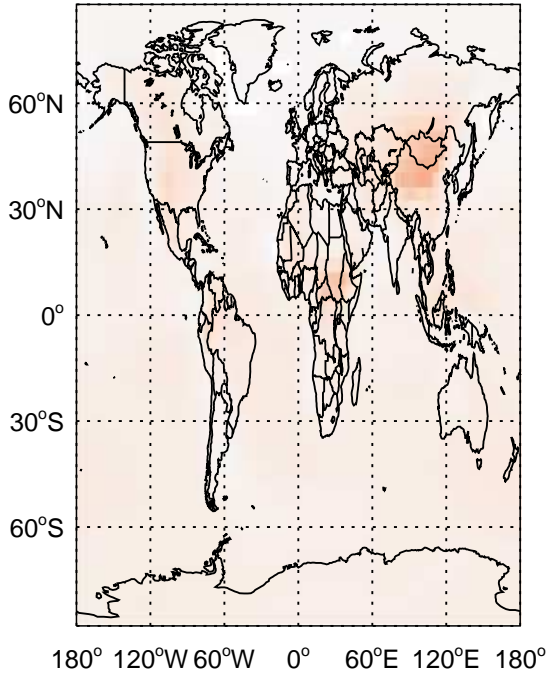


v11-01k-Run0 / v11-01f-geosp-Run0
SO4s / Ratio @ 500 hPa for Jul

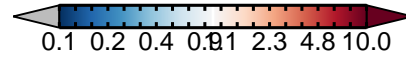
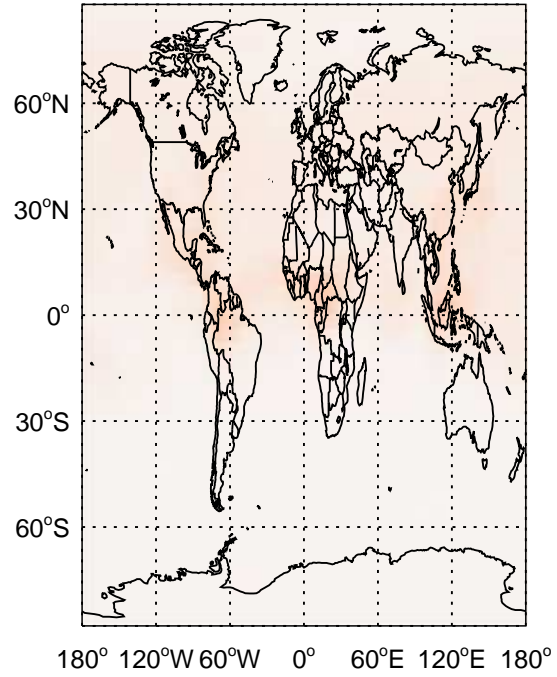


GEOS-Chem Ratio Maps at surface and 500 hPa

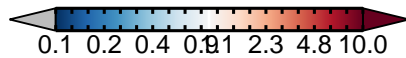
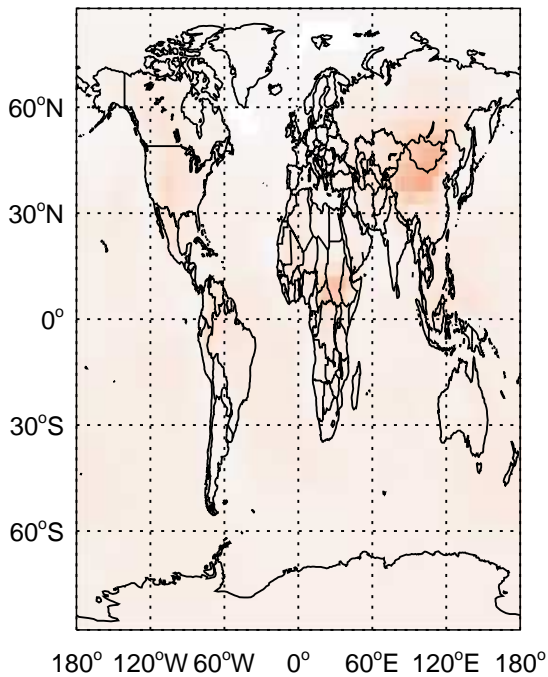
v11-01k-Run0 / v11-01g-Run0
MSA / Ratio @ Surface for Jul



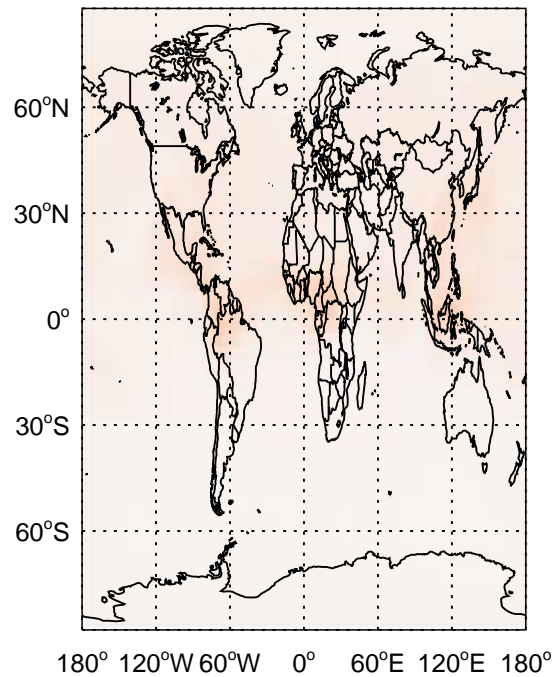
v11-01k-Run0 / v11-01g-Run0
MSA / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MSA / Ratio @ Surface for Jul

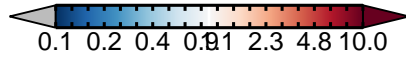
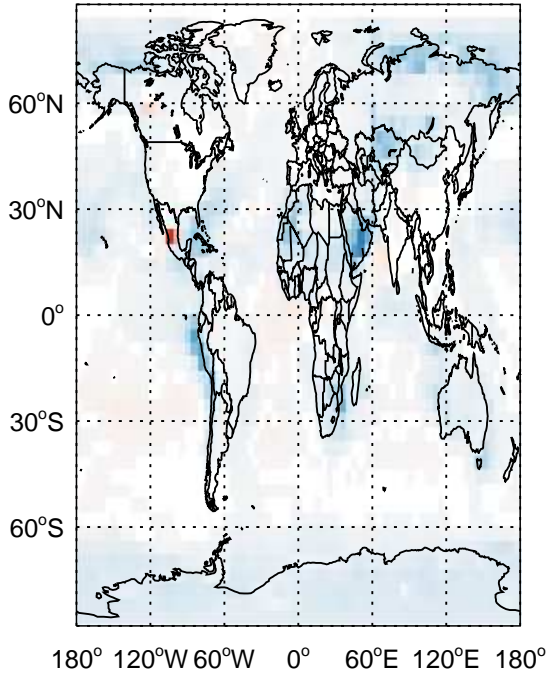


v11-01k-Run0 / v11-01f-geosfp-Run0
MSA / Ratio @ 500 hPa for Jul

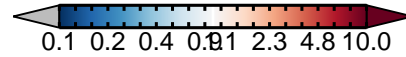
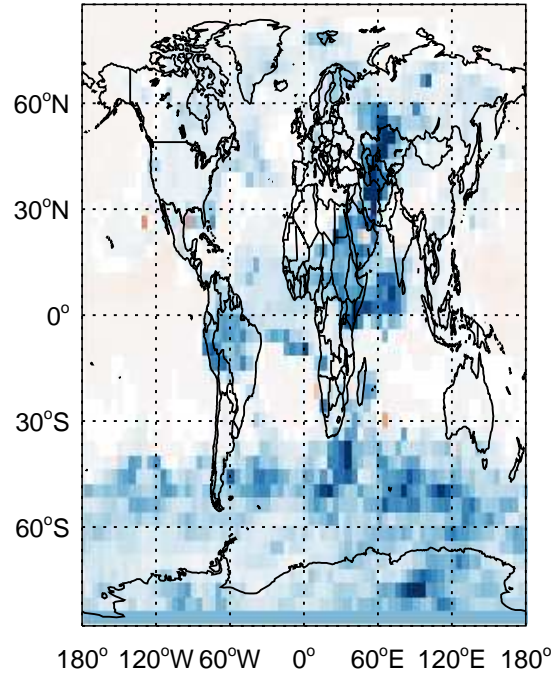


GEOS-Chem Ratio Maps at surface and 500 hPa

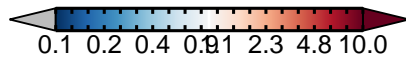
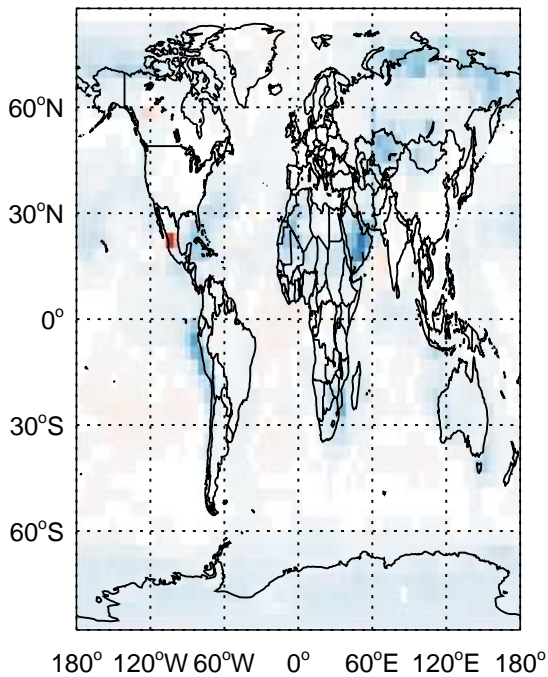
v11-01k-Run0 / v11-01g-Run0
NH3 / Ratio @ Surface for Jul



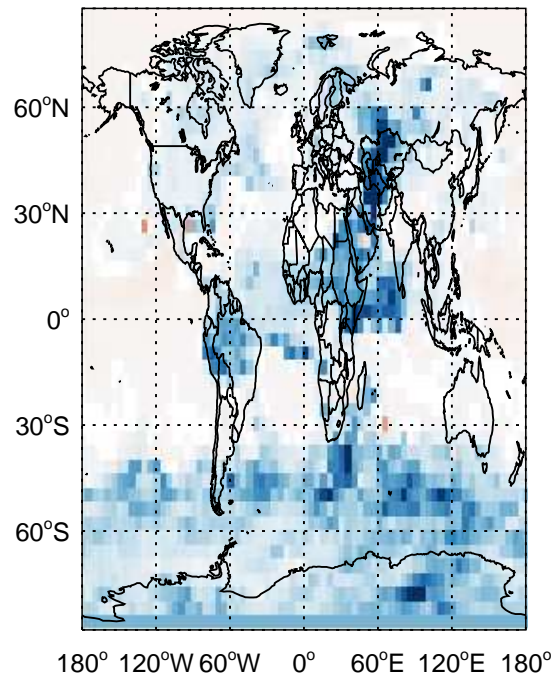
v11-01k-Run0 / v11-01g-Run0
NH3/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
NH3 / Ratio @ Surface for Jul

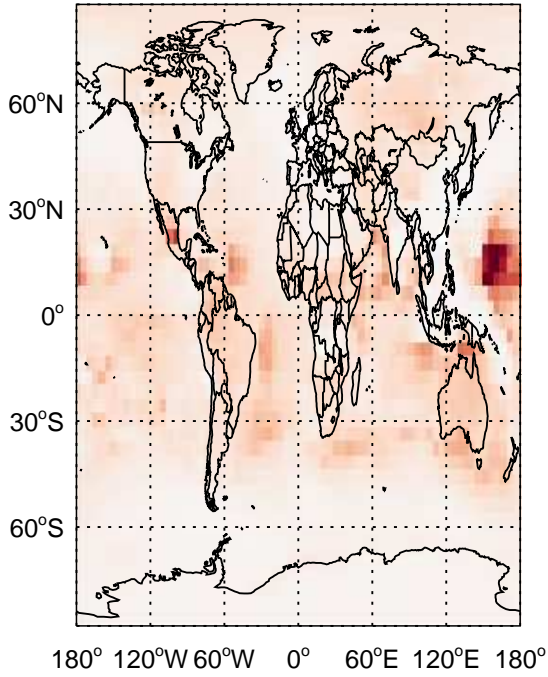


v11-01k-Run0 / v11-01f-geosp-Run0
NH3/ Ratio @ 500 hPa for Jul

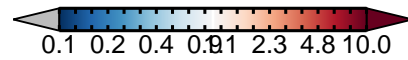
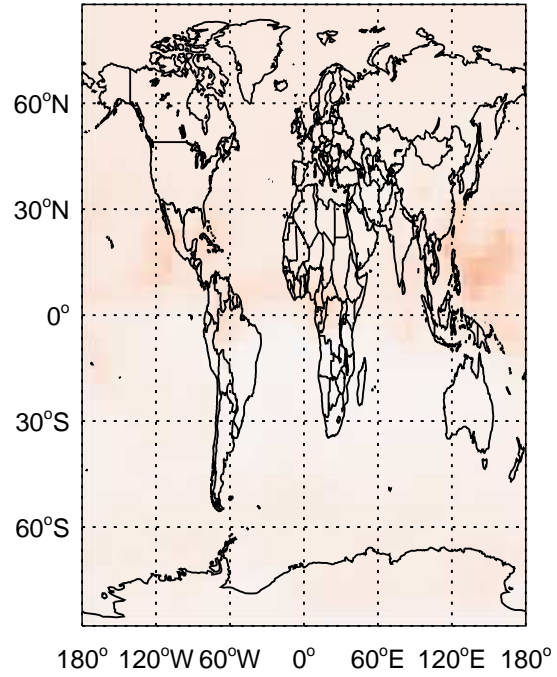


GEOS-Chem Ratio Maps at surface and 500 hPa

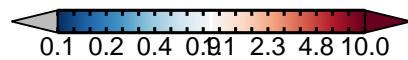
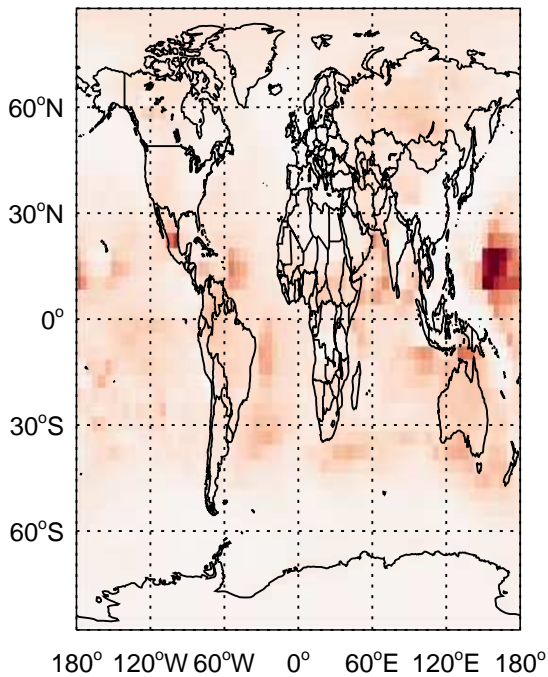
v11-01k-Run0 / v11-01g-Run0
NH4 / Ratio @ Surface for Jul



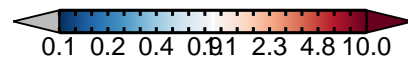
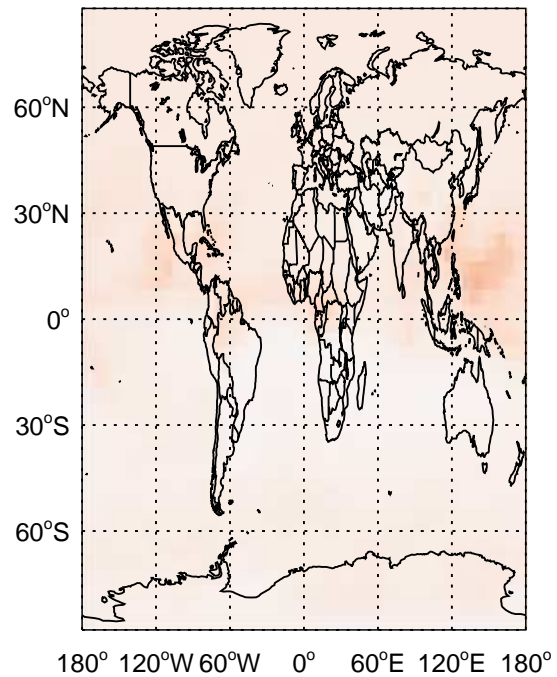
v11-01k-Run0 / v11-01g-Run0
NH4 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
NH4 / Ratio @ Surface for Jul

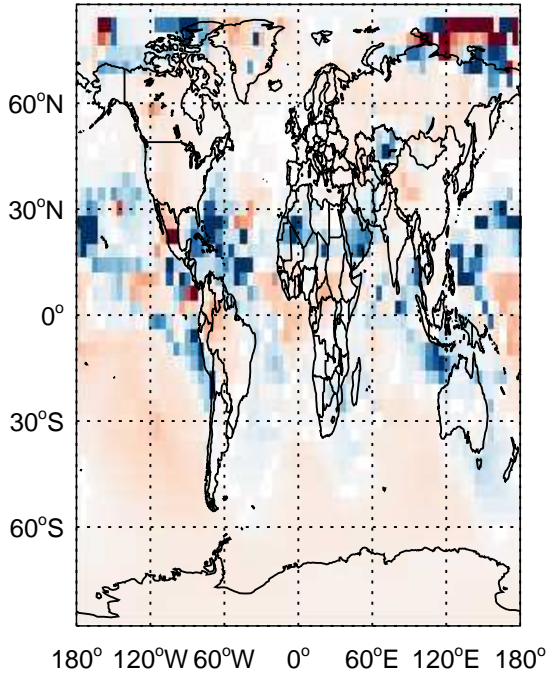


v11-01k-Run0 / v11-01f-geosfp-Run0
NH4 / Ratio @ 500 hPa for Jul

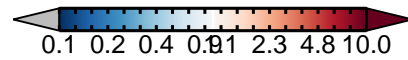
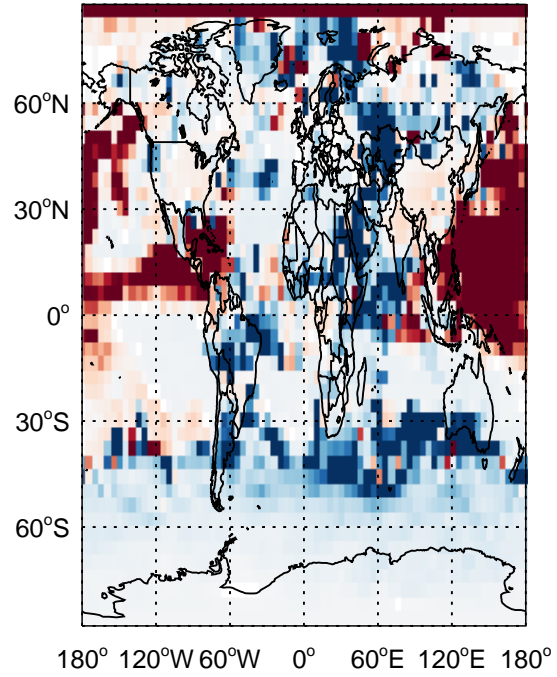


GEOS-Chem Ratio Maps at surface and 500 hPa

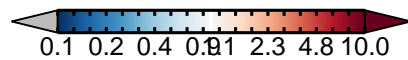
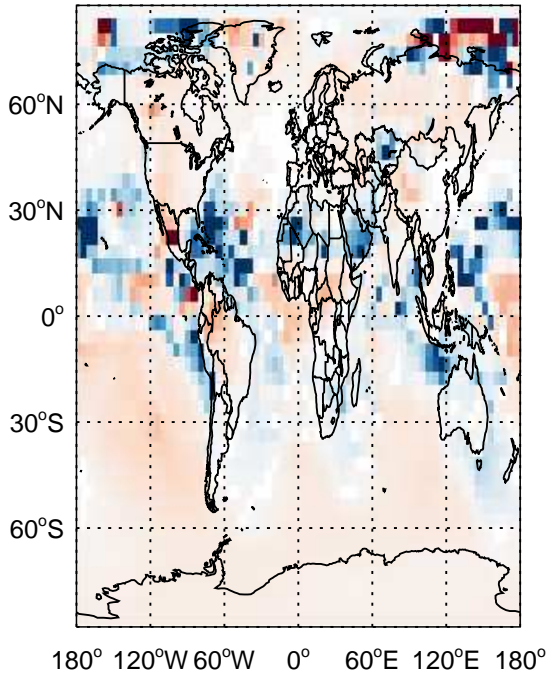
v11-01k-Run0 / v11-01g-Run0
NIT / Ratio @ Surface for Jul



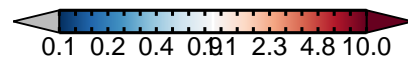
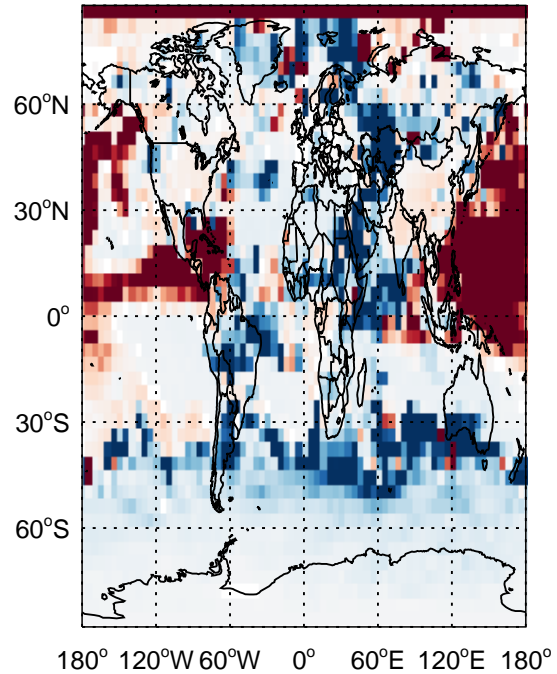
v11-01k-Run0 / v11-01g-Run0
NIT/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
NIT / Ratio @ Surface for Jul

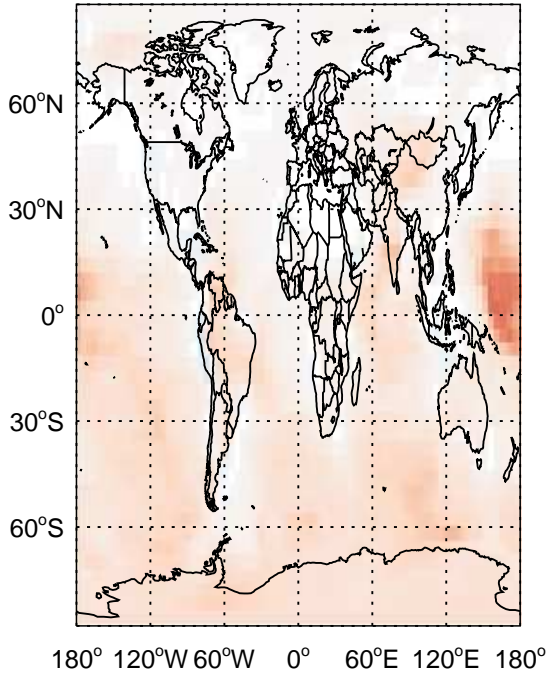


v11-01k-Run0 / v11-01f-geosfp-Run0
NIT/ Ratio @ 500 hPa for Jul

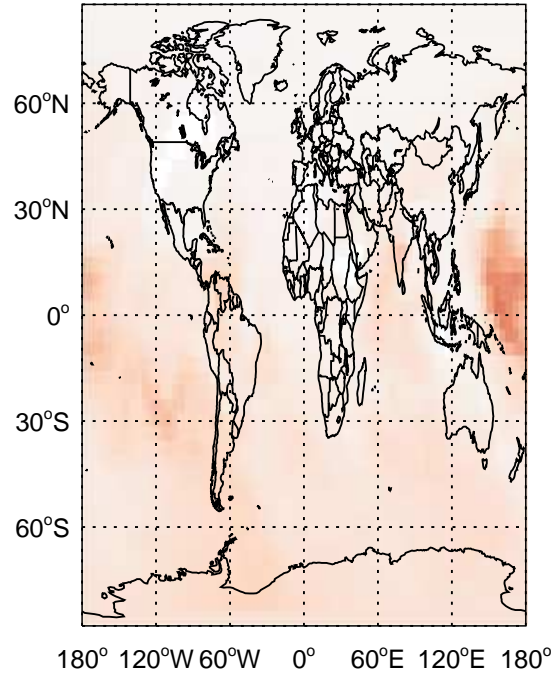


GEOS-Chem Ratio Maps at surface and 500 hPa

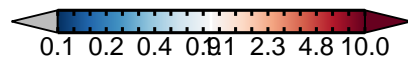
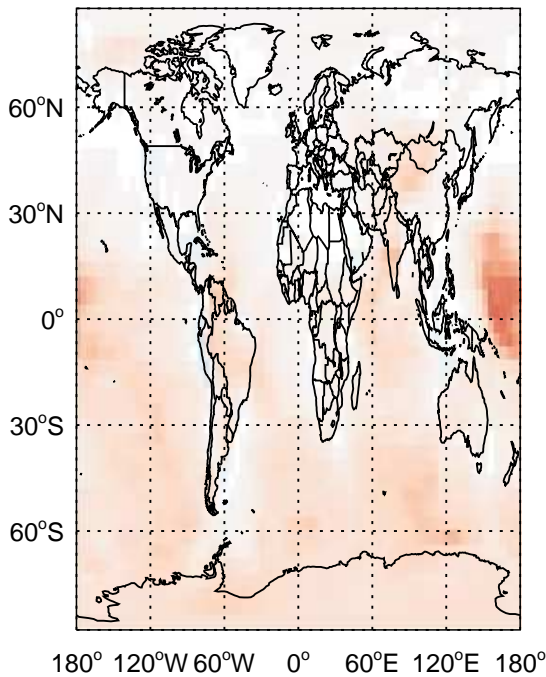
v11-01k-Run0 / v11-01g-Run0
NITs / Ratio @ Surface for Jul



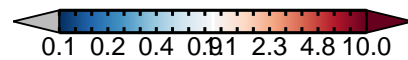
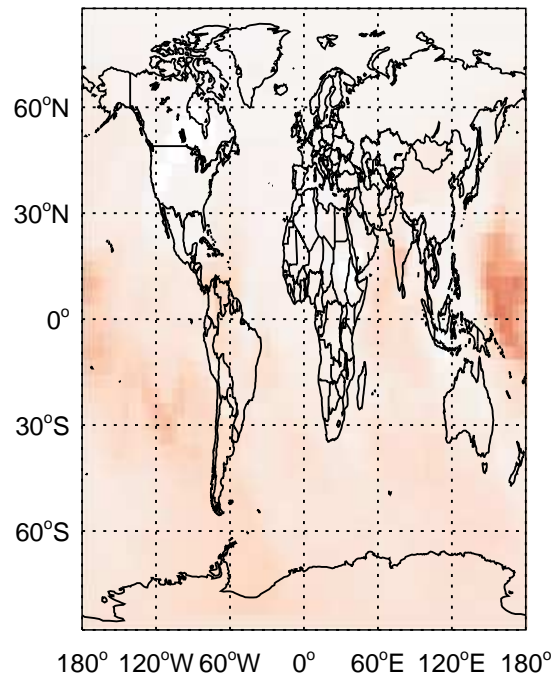
v11-01k-Run0 / v11-01g-Run0
NITs/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
NITs / Ratio @ Surface for Jul

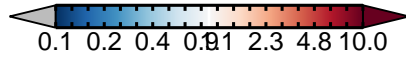
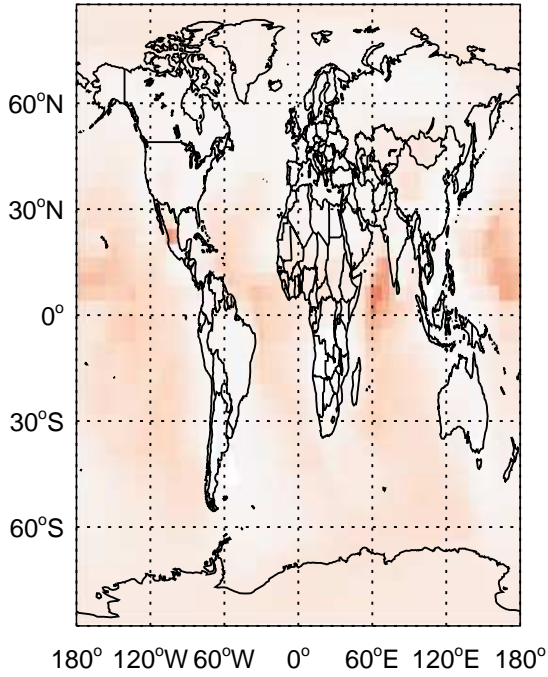


v11-01k-Run0 / v11-01f-geosfp-Run0
NITs/ Ratio @ 500 hPa for Jul

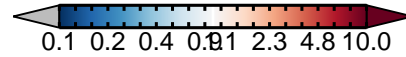
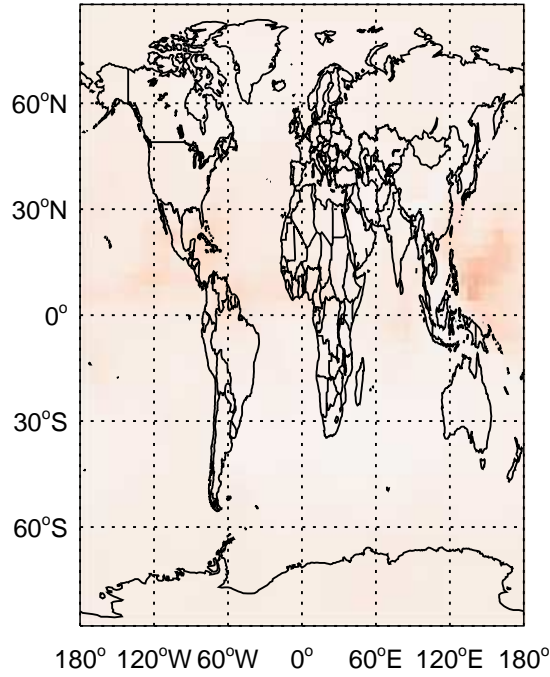


GEOS-Chem Ratio Maps at surface and 500 hPa

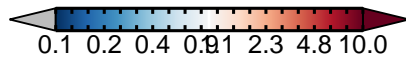
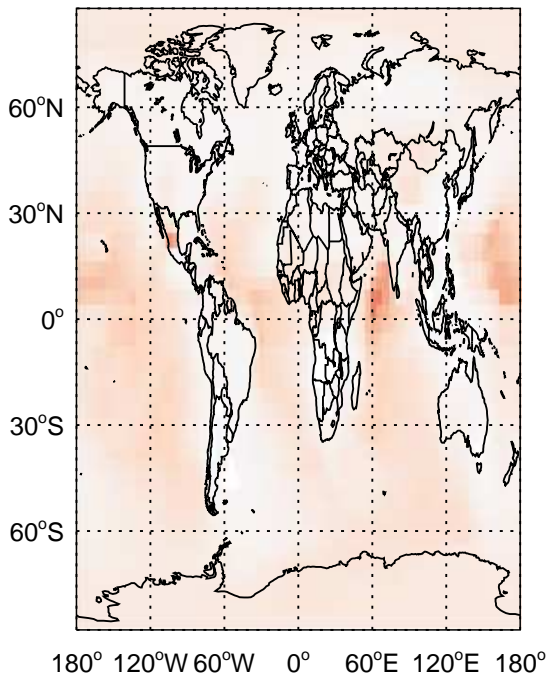
v11-01k-Run0 / v11-01g-Run0
BCPI / Ratio @ Surface for Jul



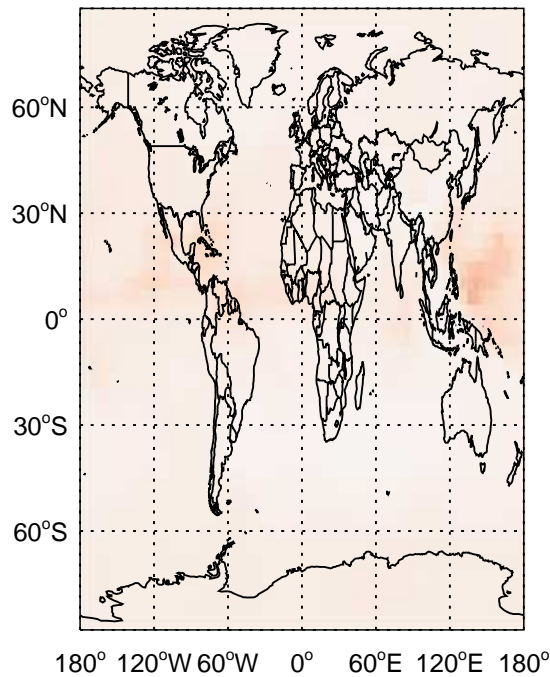
v11-01k-Run0 / v11-01g-Run0
BCPI / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
BCPI / Ratio @ Surface for Jul

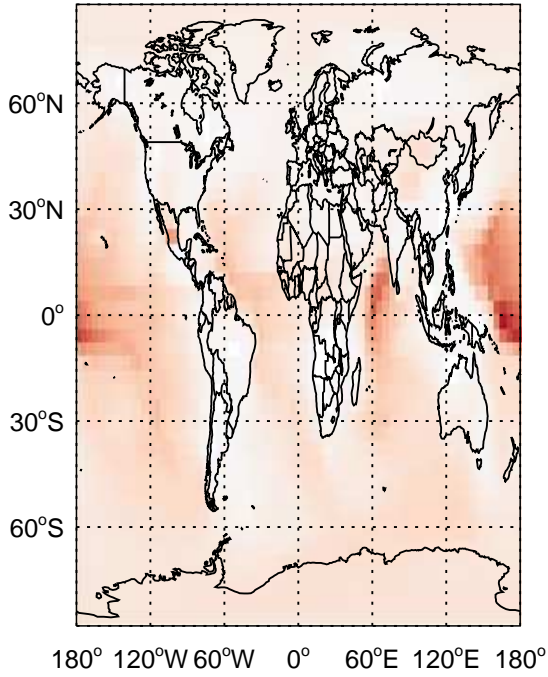


v11-01k-Run0 / v11-01f-geosfp-Run0
BCPI / Ratio @ 500 hPa for Jul

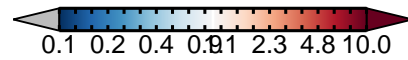
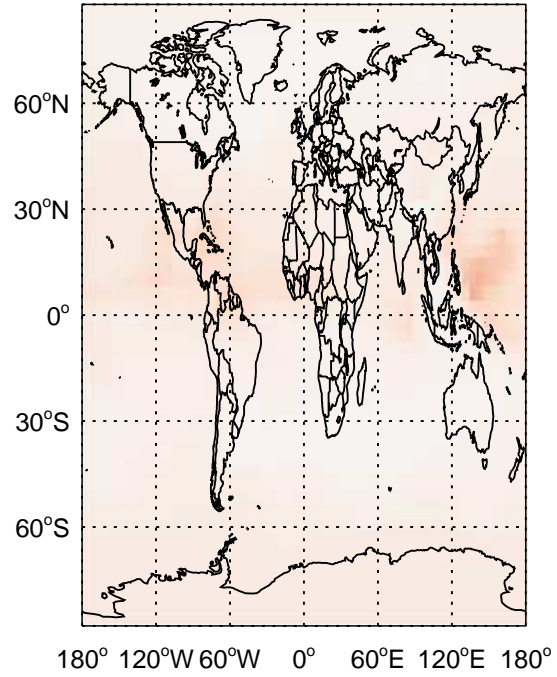


GEOS-Chem Ratio Maps at surface and 500 hPa

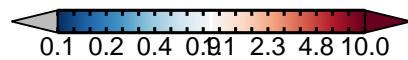
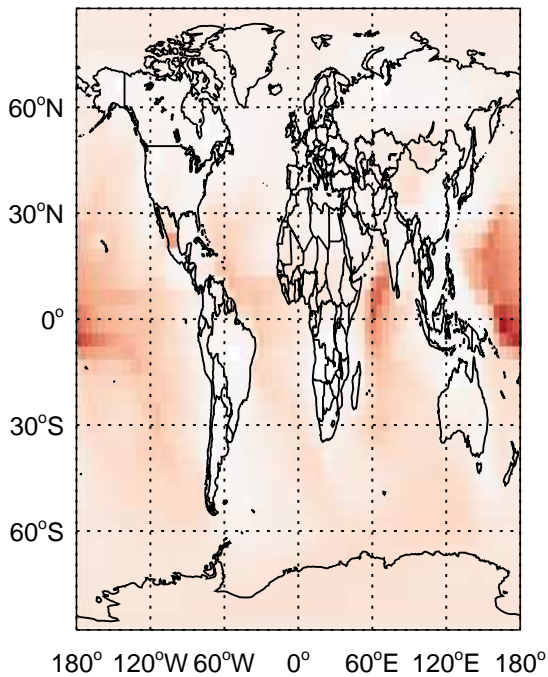
v11-01k-Run0 / v11-01g-Run0
OCPI / Ratio @ Surface for Jul



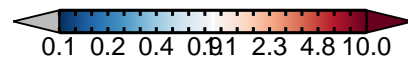
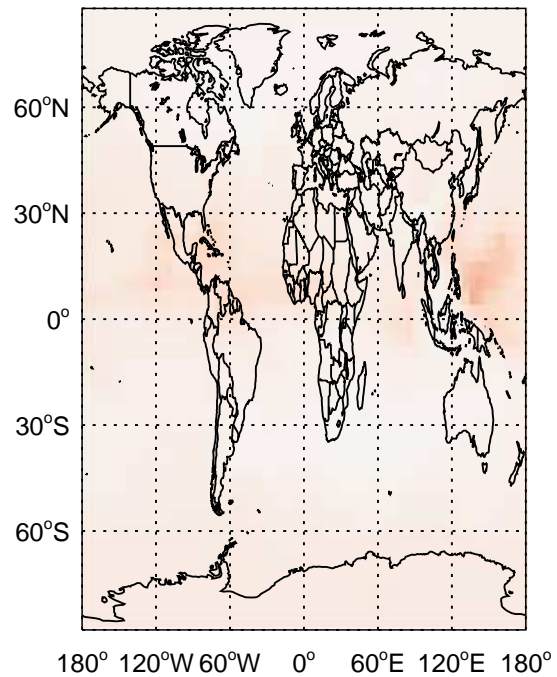
v11-01k-Run0 / v11-01g-Run0
OCPI/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
OCPI / Ratio @ Surface for Jul

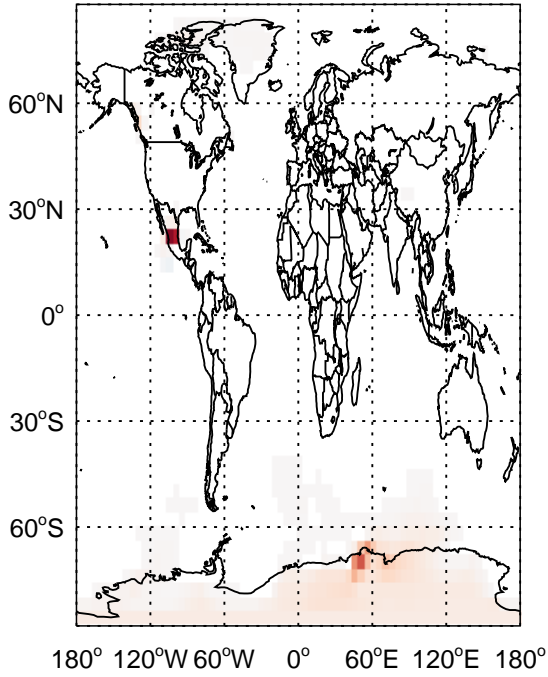


v11-01k-Run0 / v11-01f-geosfp-Run0
OCPI/ Ratio @ 500 hPa for Jul

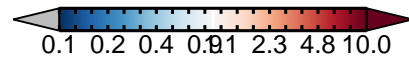
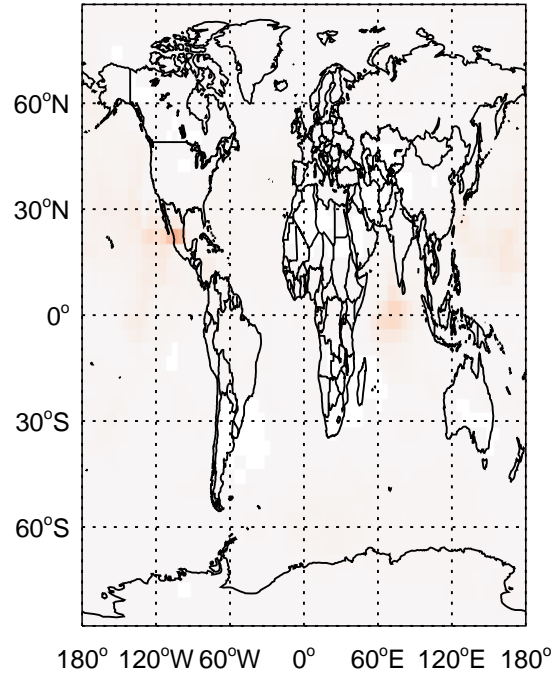


GEOS-Chem Ratio Maps at surface and 500 hPa

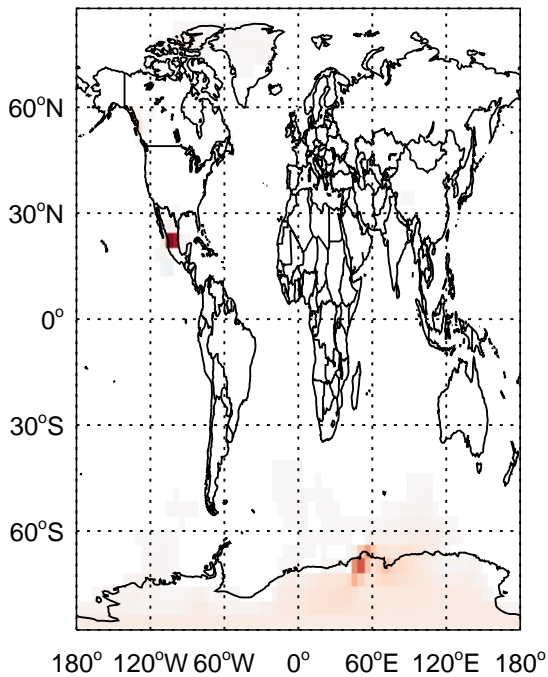
v11-01k-Run0 / v11-01g-Run0
BCPO / Ratio @ Surface for Jul



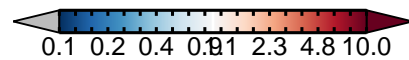
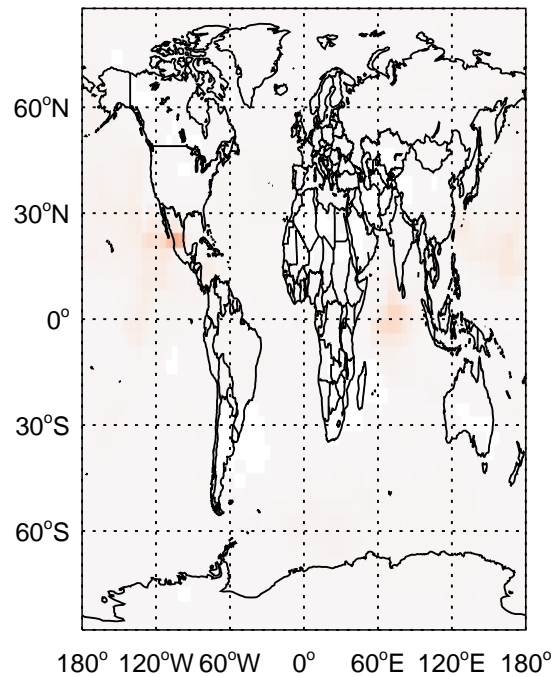
v11-01k-Run0 / v11-01g-Run0
BCPO/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
BCPO / Ratio @ Surface for Jul

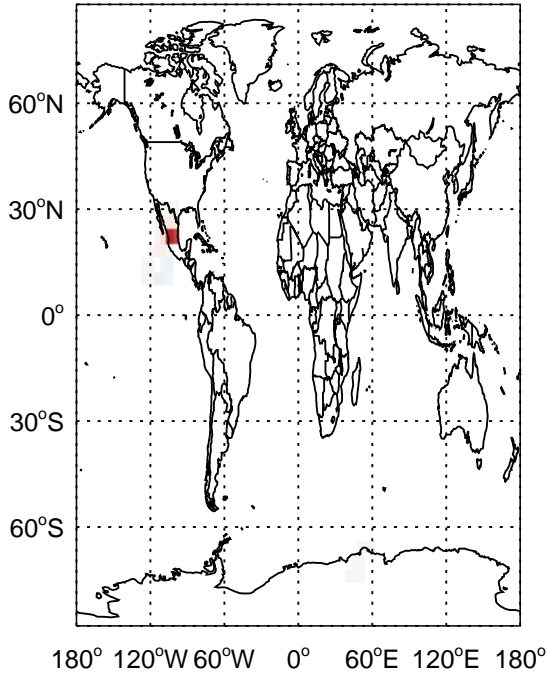


v11-01k-Run0 / v11-01f-geosp-Run0
BCPO/ Ratio @ 500 hPa for Jul

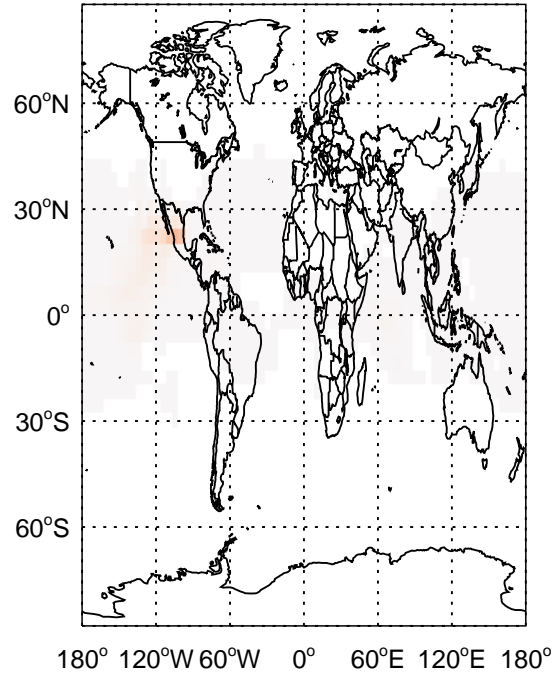


GEOS-Chem Ratio Maps at surface and 500 hPa

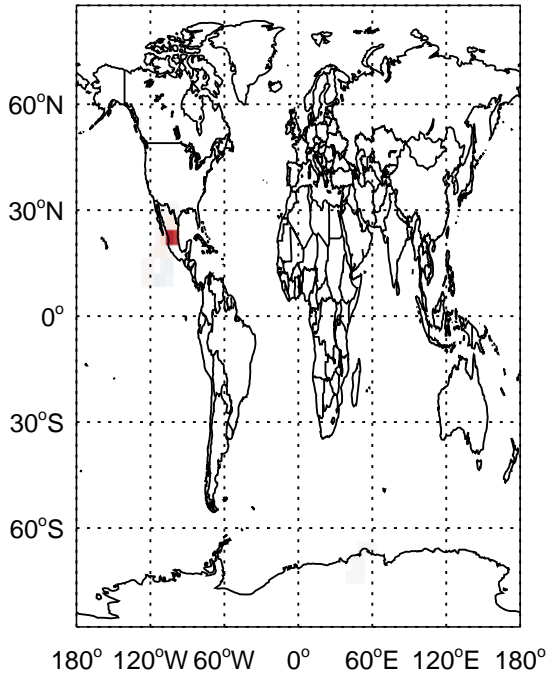
v11-01k-Run0 / v11-01g-Run0
OCPO / Ratio @ Surface for Jul



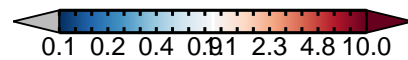
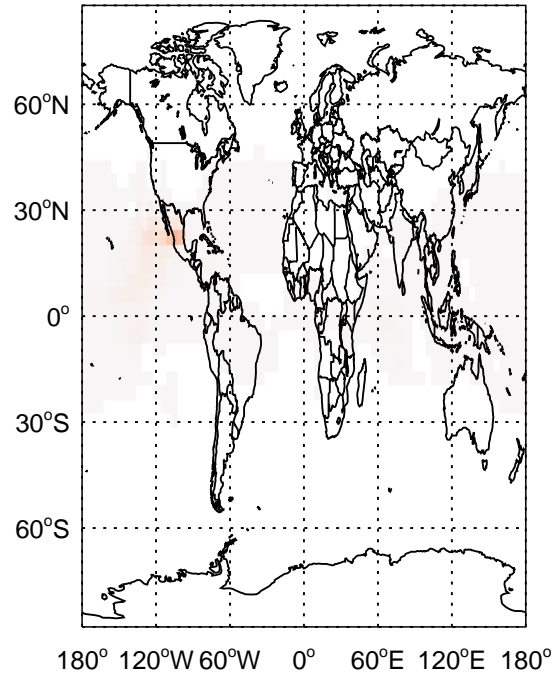
v11-01k-Run0 / v11-01g-Run0
OCPO / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
OCPO / Ratio @ Surface for Jul

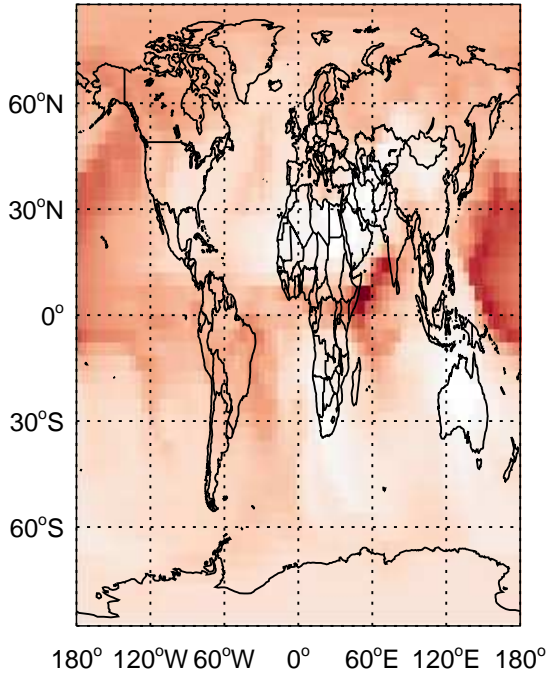


v11-01k-Run0 / v11-01f-geosfp-Run0
OCPO / Ratio @ 500 hPa for Jul

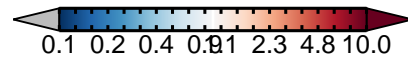
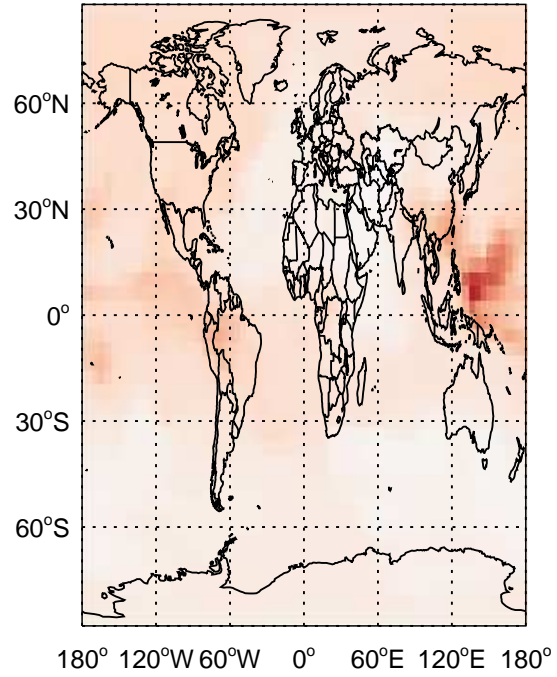


GEOS-Chem Ratio Maps at surface and 500 hPa

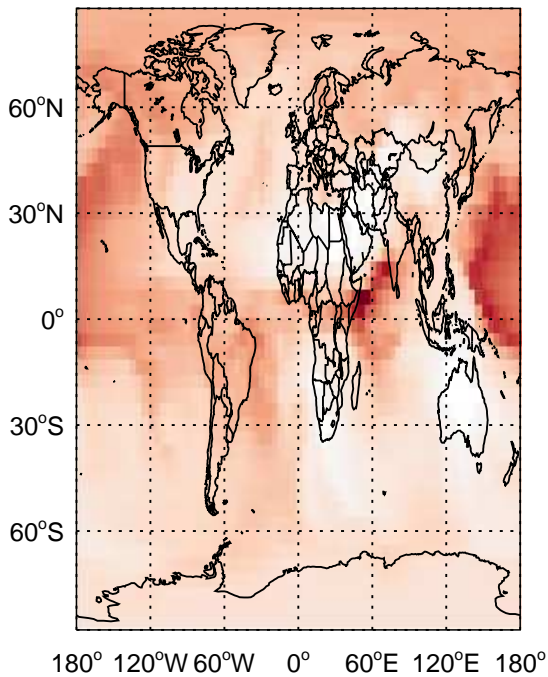
v11-01k-Run0 / v11-01g-Run0
DST1 / Ratio @ Surface for Jul



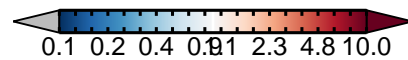
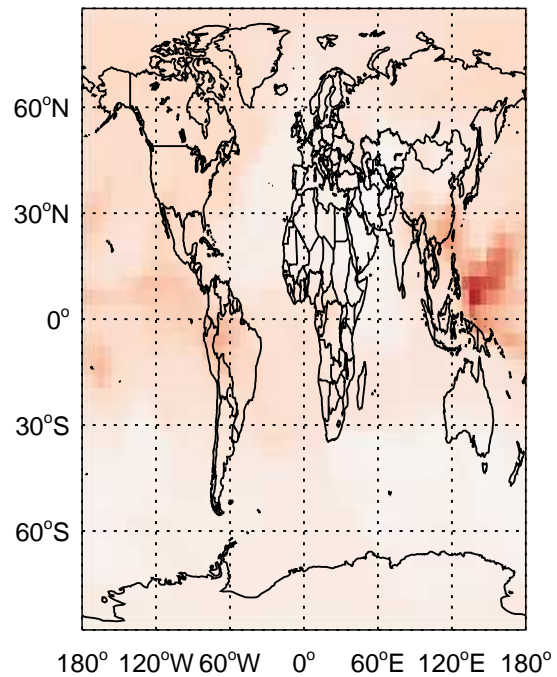
v11-01k-Run0 / v11-01g-Run0
DST1/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
DST1 / Ratio @ Surface for Jul

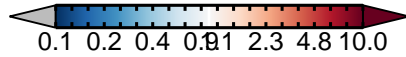
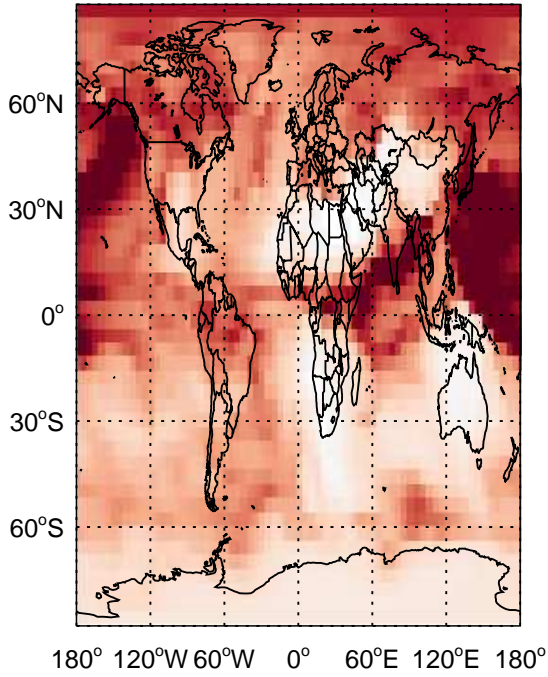


v11-01k-Run0 / v11-01f-geosfp-Run0
DST1/ Ratio @ 500 hPa for Jul

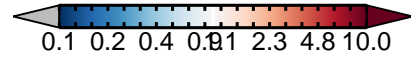
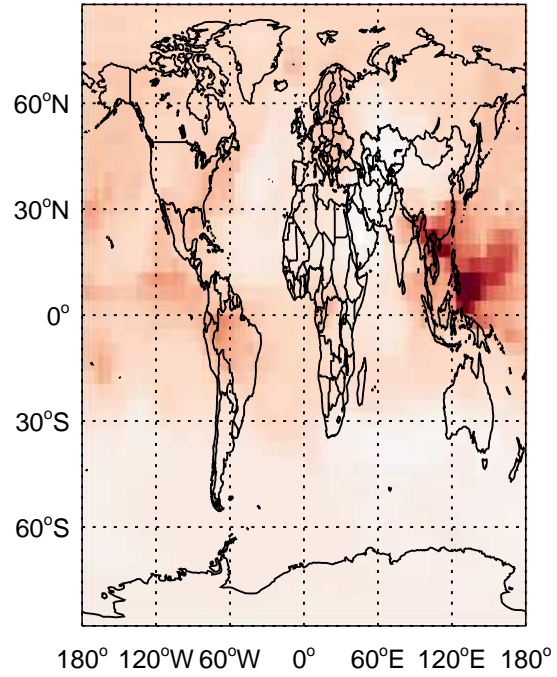


GEOS-Chem Ratio Maps at surface and 500 hPa

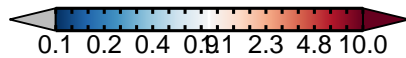
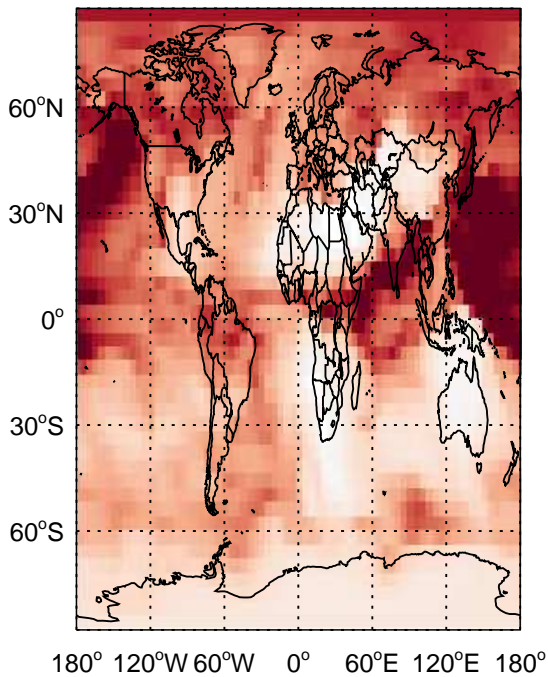
v11-01k-Run0 / v11-01g-Run0
DST2 / Ratio @ Surface for Jul



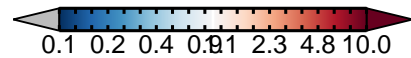
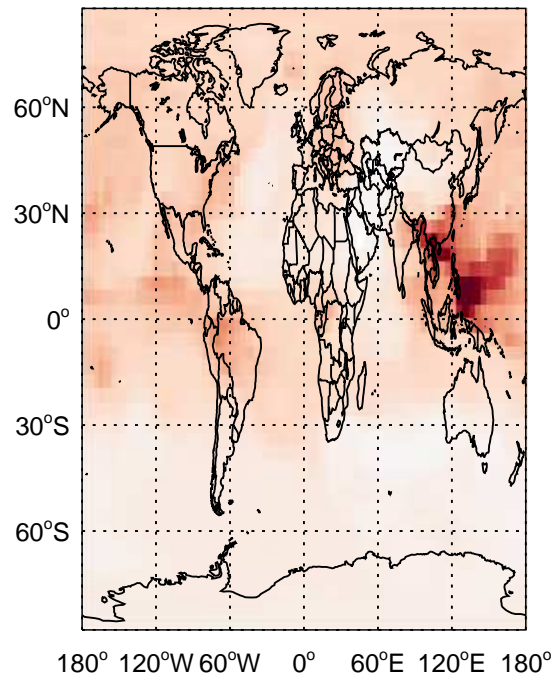
v11-01k-Run0 / v11-01g-Run0
DST2 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
DST2 / Ratio @ Surface for Jul

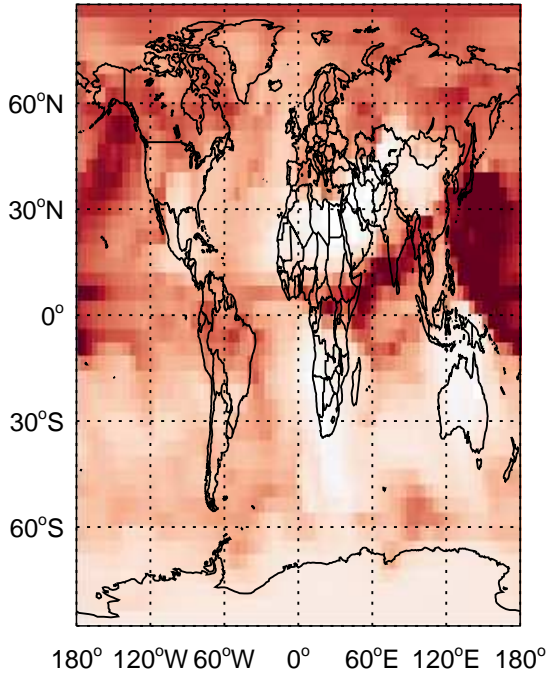


v11-01k-Run0 / v11-01f-geosfp-Run0
DST2 / Ratio @ 500 hPa for Jul

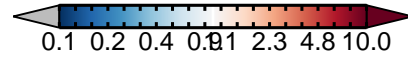
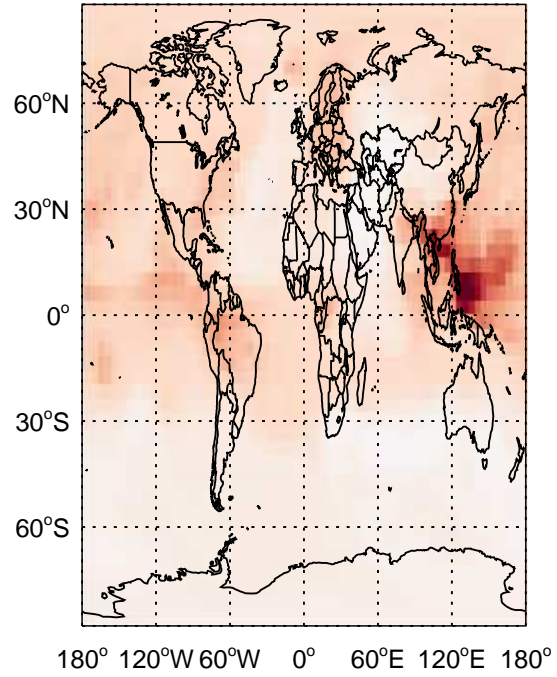


GEOS-Chem Ratio Maps at surface and 500 hPa

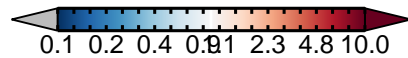
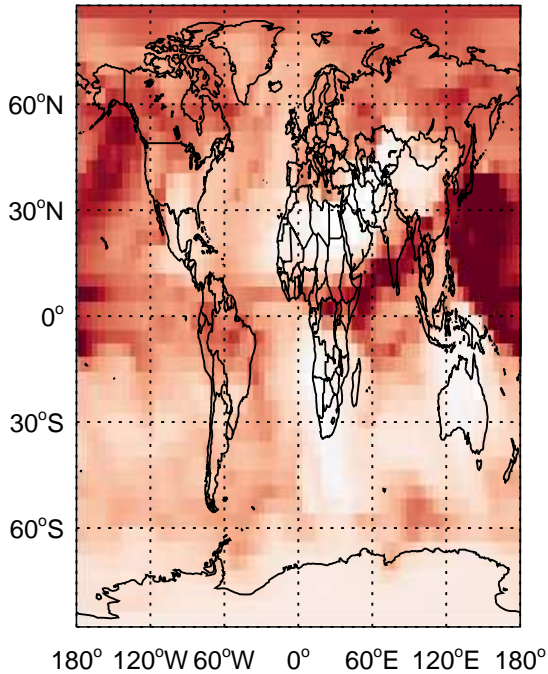
v11-01k-Run0 / v11-01g-Run0
DST3 / Ratio @ Surface for Jul



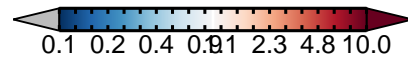
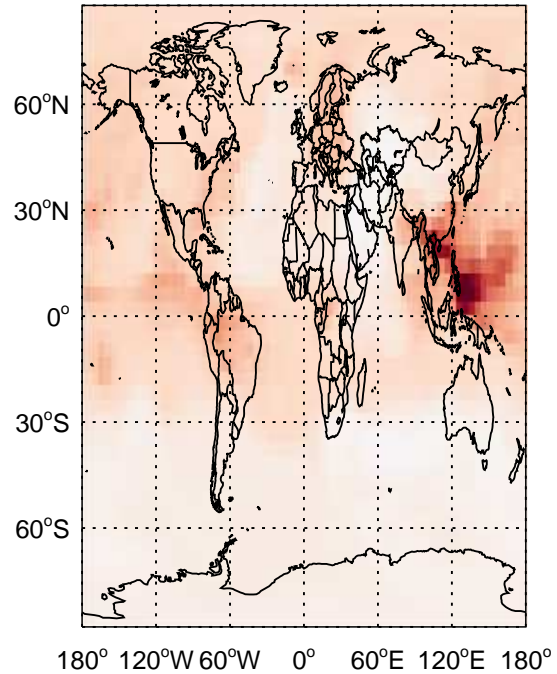
v11-01k-Run0 / v11-01g-Run0
DST3 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
DST3 / Ratio @ Surface for Jul

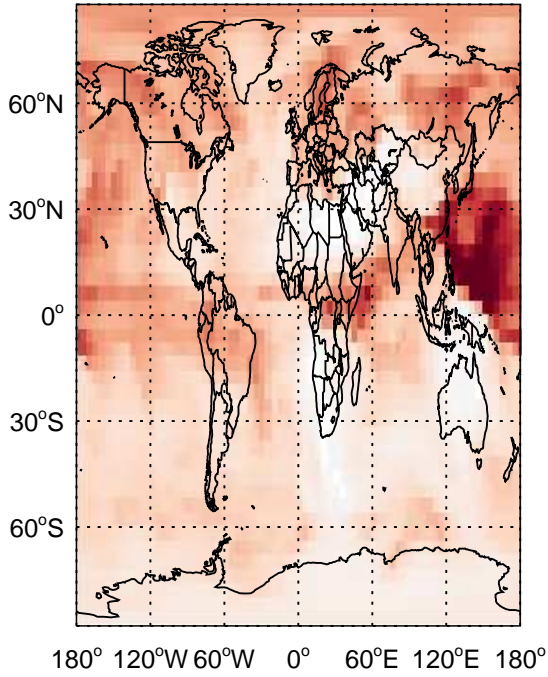


v11-01k-Run0 / v11-01f-geosfp-Run0
DST3 / Ratio @ 500 hPa for Jul

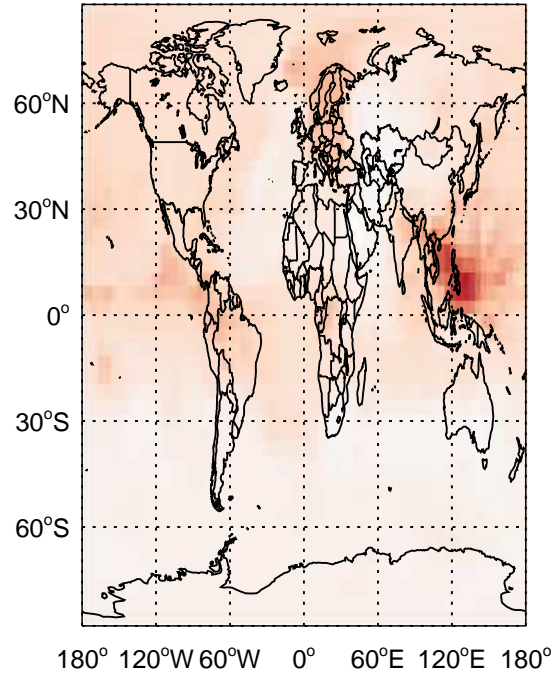


GEOS-Chem Ratio Maps at surface and 500 hPa

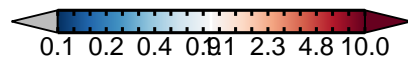
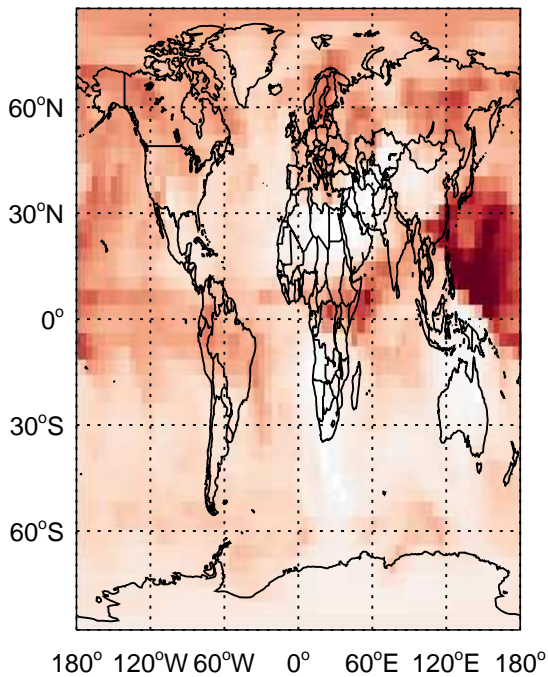
v11-01k-Run0 / v11-01g-Run0
DST4 / Ratio @ Surface for Jul



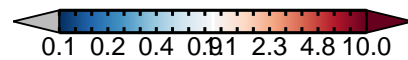
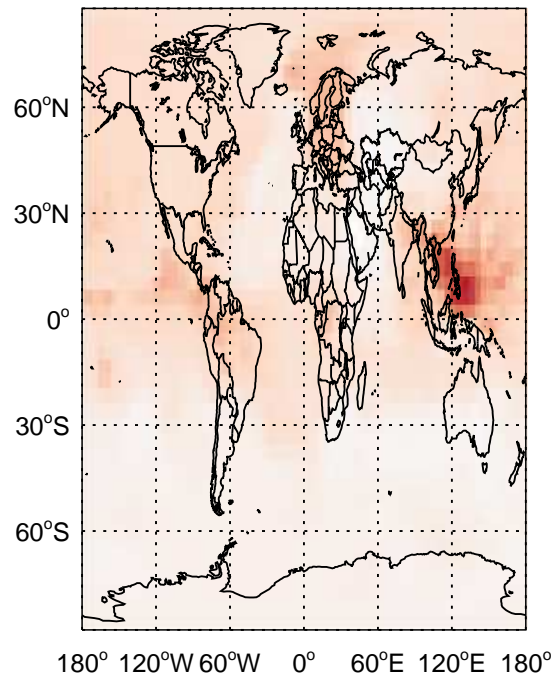
v11-01k-Run0 / v11-01g-Run0
DST4 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
DST4 / Ratio @ Surface for Jul

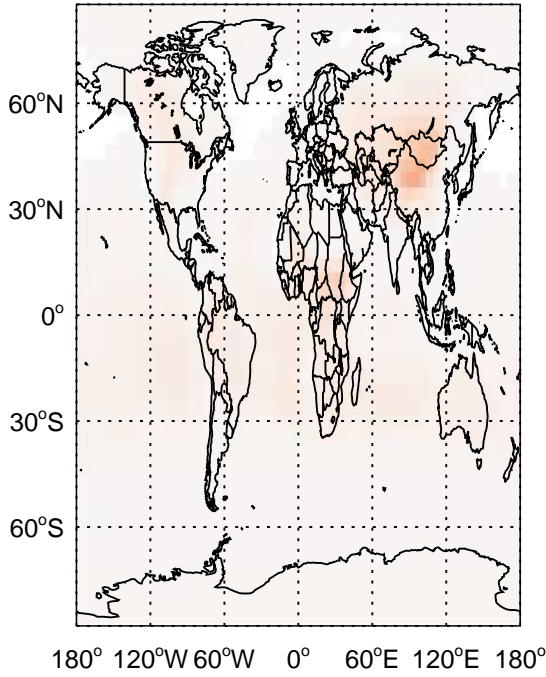


v11-01k-Run0 / v11-01f-geosfp-Run0
DST4 / Ratio @ 500 hPa for Jul

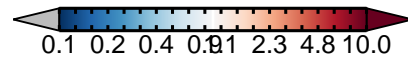
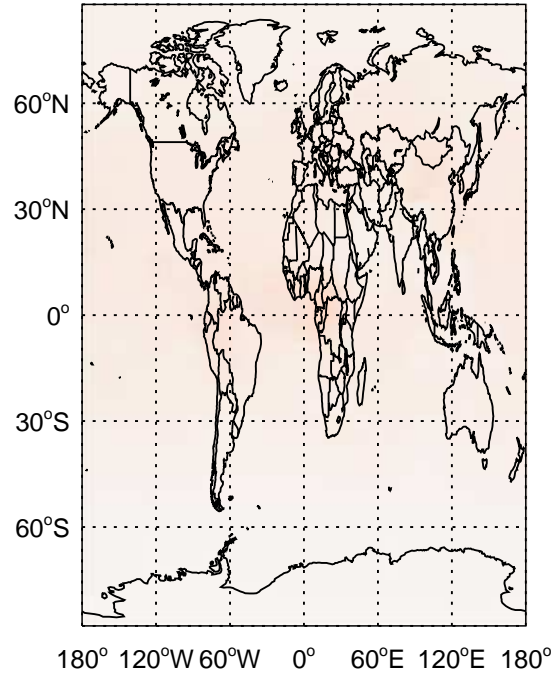


GEOS-Chem Ratio Maps at surface and 500 hPa

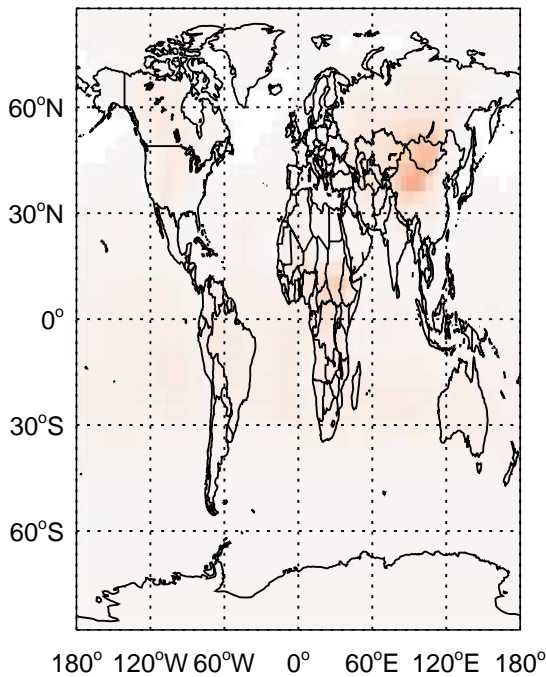
v11-01k-Run0 / v11-01g-Run0
SALA / Ratio @ Surface for Jul



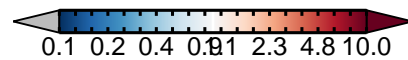
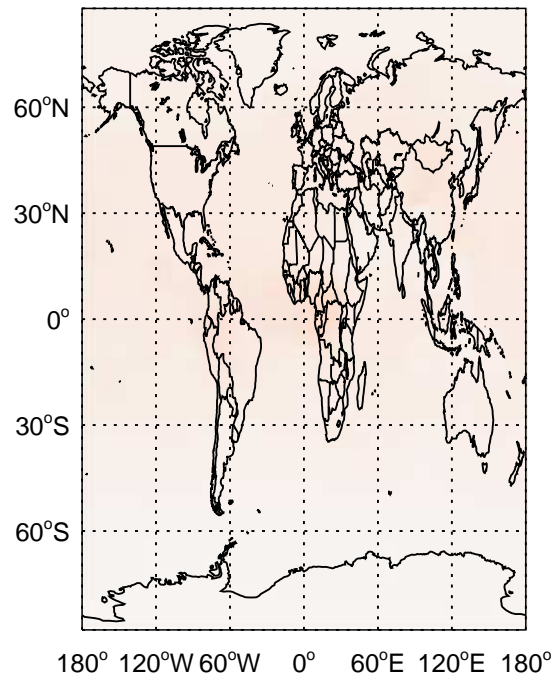
v11-01k-Run0 / v11-01g-Run0
SALA/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
SALA / Ratio @ Surface for Jul

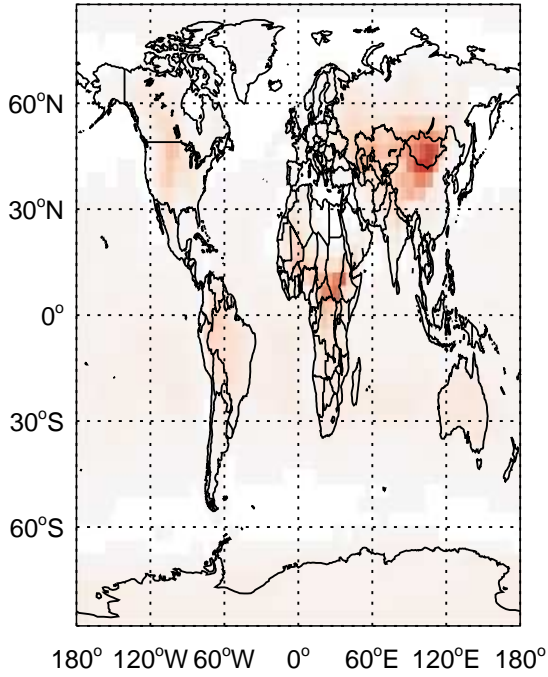


v11-01k-Run0 / v11-01f-geosfp-Run0
SALA/ Ratio @ 500 hPa for Jul

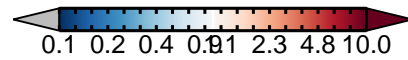
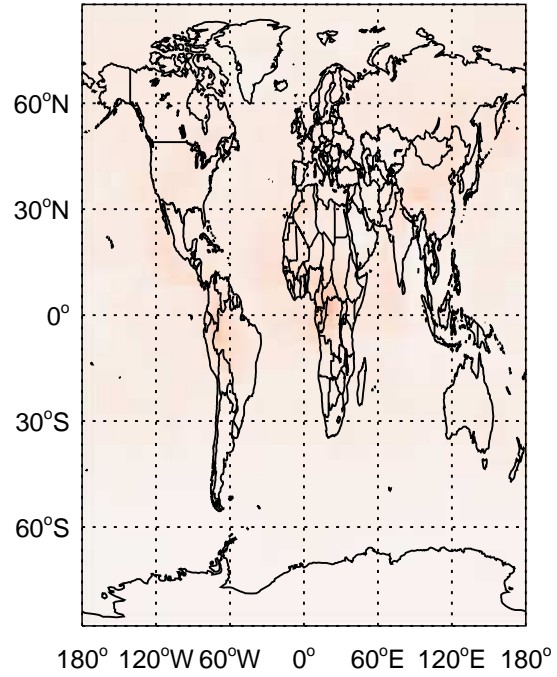


GEOS-Chem Ratio Maps at surface and 500 hPa

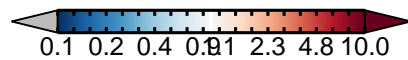
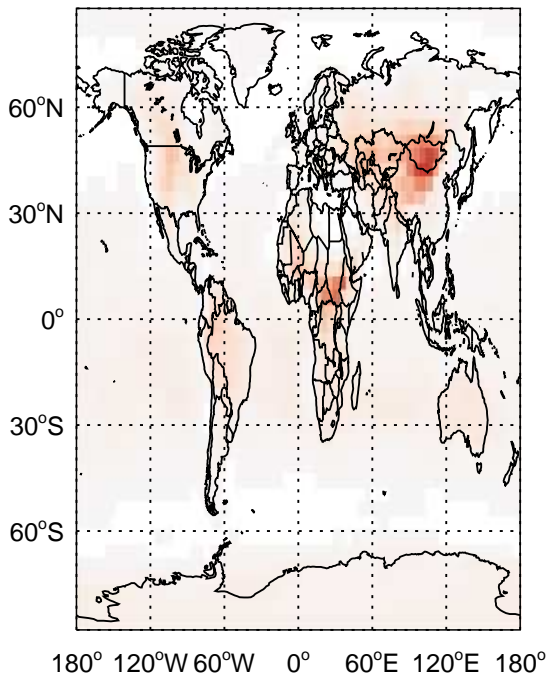
v11-01k-Run0 / v11-01g-Run0
SALC / Ratio @ Surface for Jul



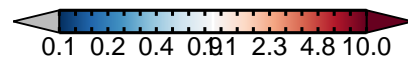
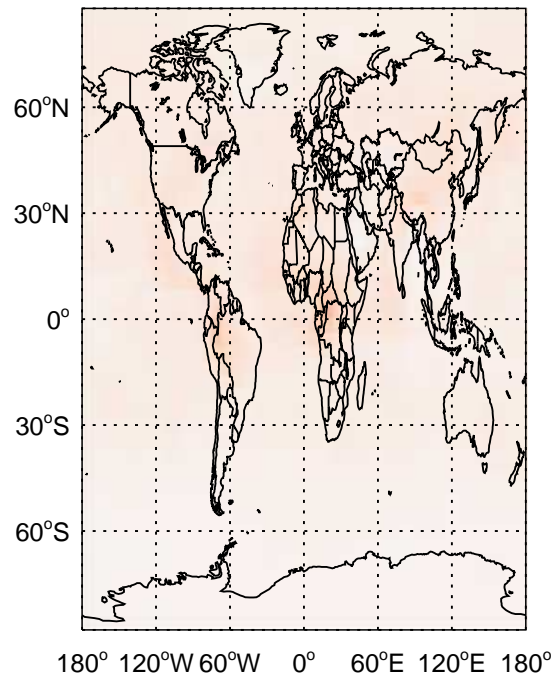
v11-01k-Run0 / v11-01g-Run0
SALC/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
SALC / Ratio @ Surface for Jul

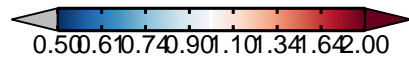
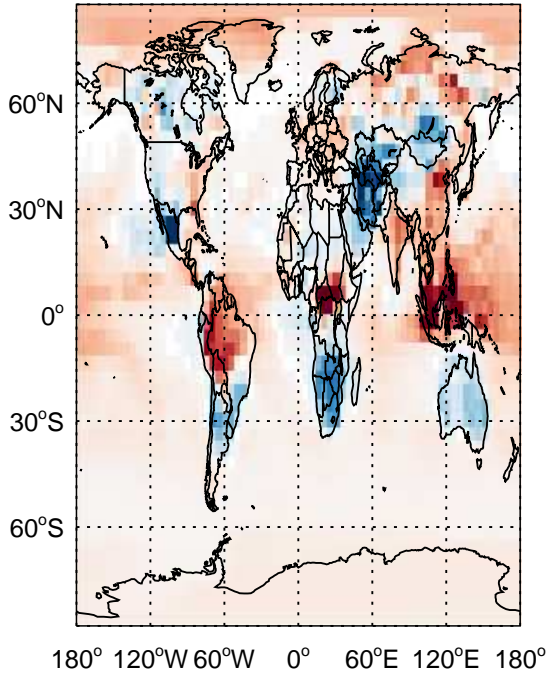


v11-01k-Run0 / v11-01f-geosfp-Run0
SALC/ Ratio @ 500 hPa for Jul

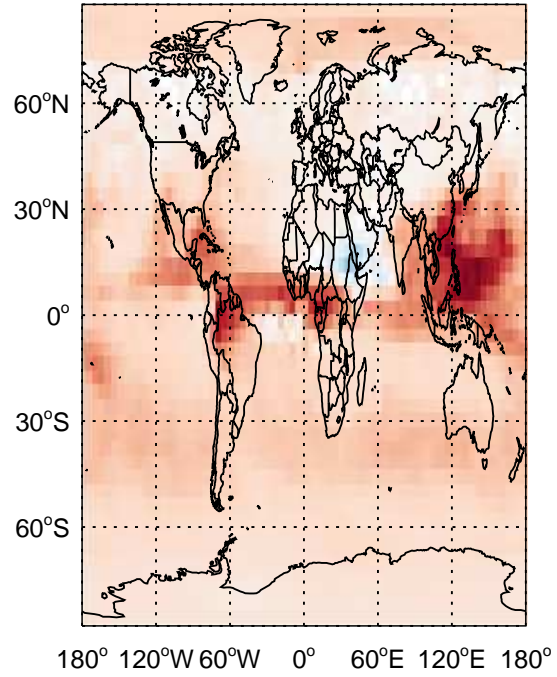


GEOS-Chem Ratio Maps at surface and 500 hPa

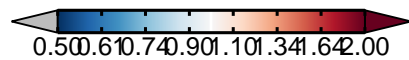
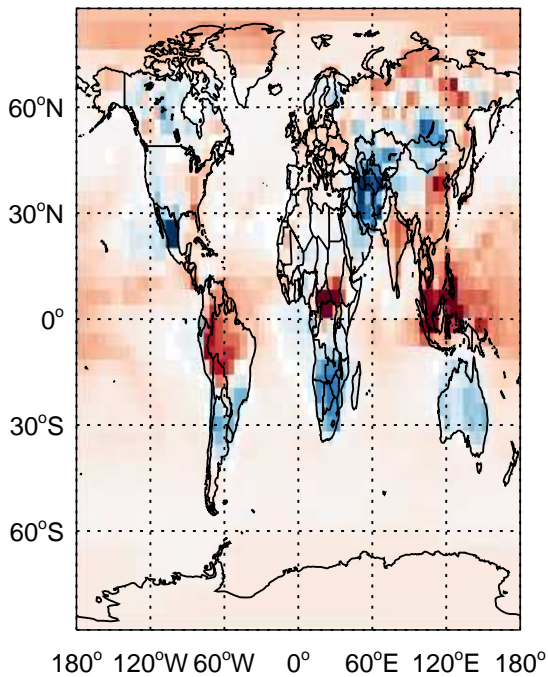
v11-01k-Run0 / v11-01g-Run0
Br2 / Ratio @ Surface for Jul



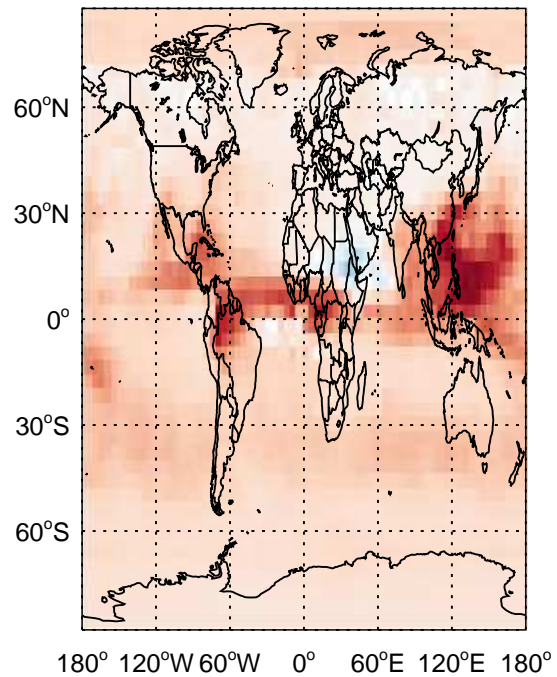
v11-01k-Run0 / v11-01g-Run0
Br2 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
Br2 / Ratio @ Surface for Jul



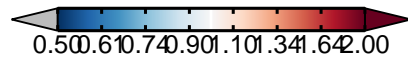
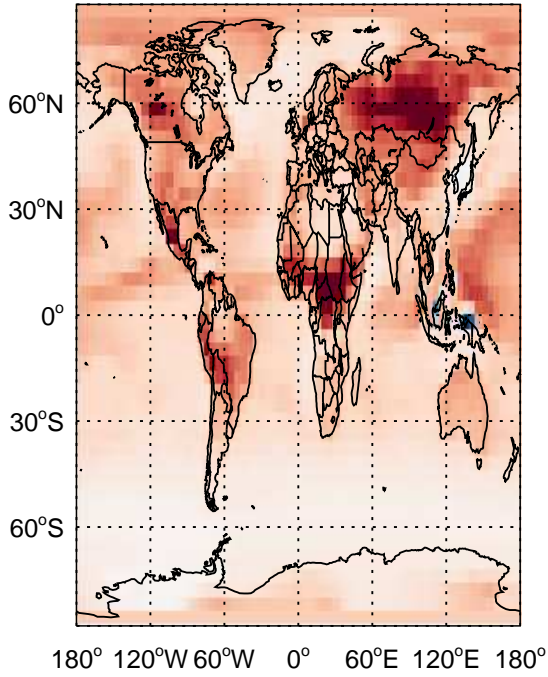
v11-01k-Run0 / v11-01f-geosfp-Run0
Br2 / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

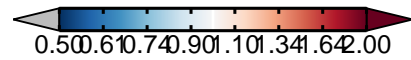
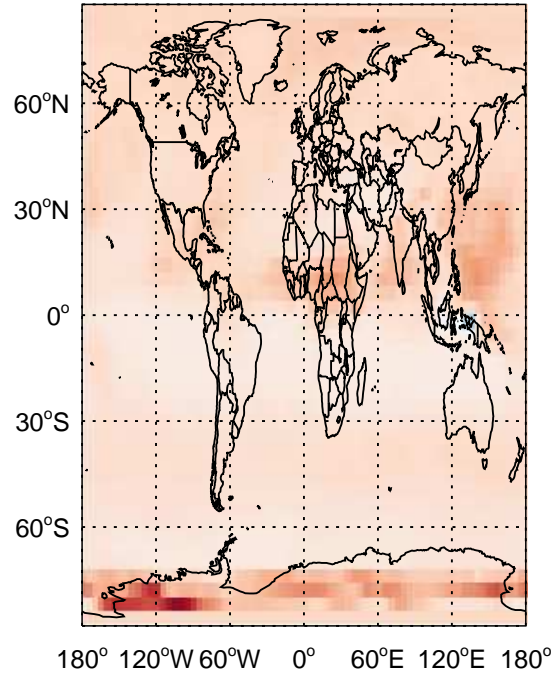
v11-01k-Run0 / v11-01g-Run0

Br / Ratio @ Surface for Jul



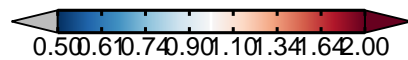
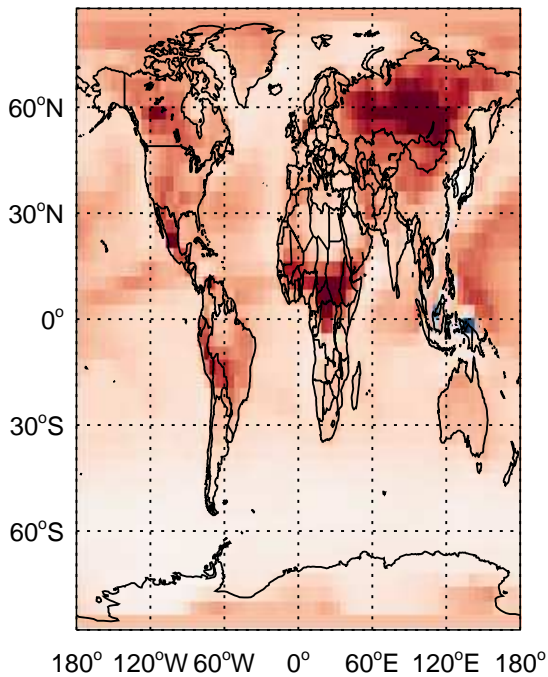
v11-01k-Run0 / v11-01g-Run0

Br / Ratio @ 500 hPa for Jul



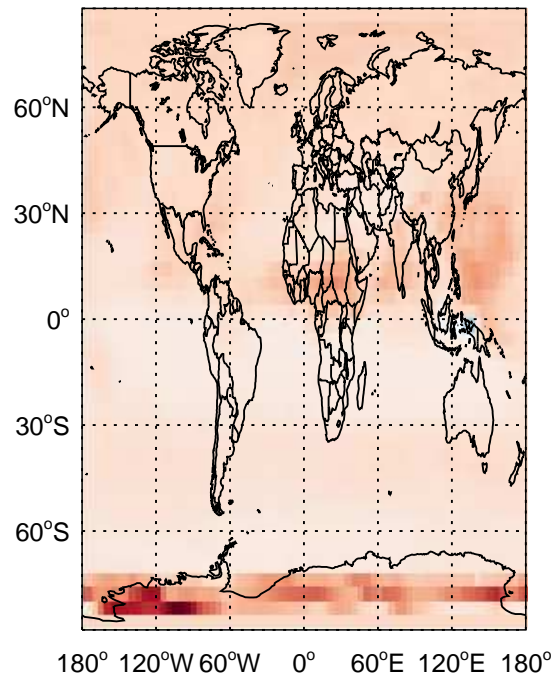
v11-01k-Run0 / v11-01f-geosfp-Run0

Br / Ratio @ Surface for Jul



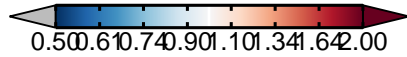
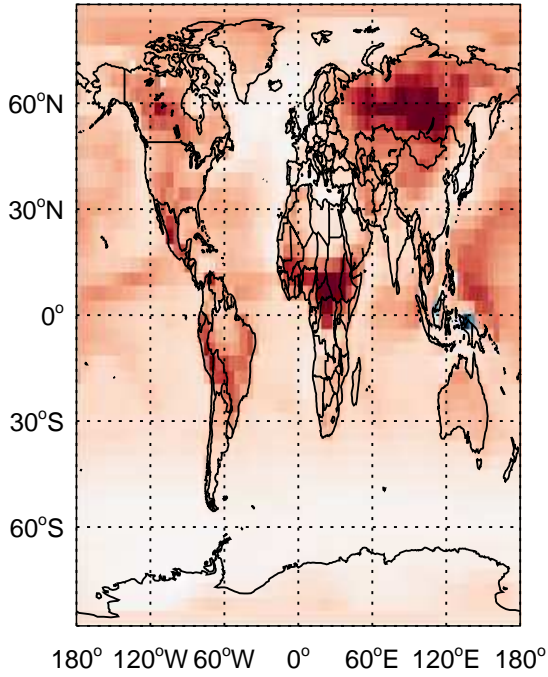
v11-01k-Run0 / v11-01f-geosfp-Run0

Br / Ratio @ 500 hPa for Jul

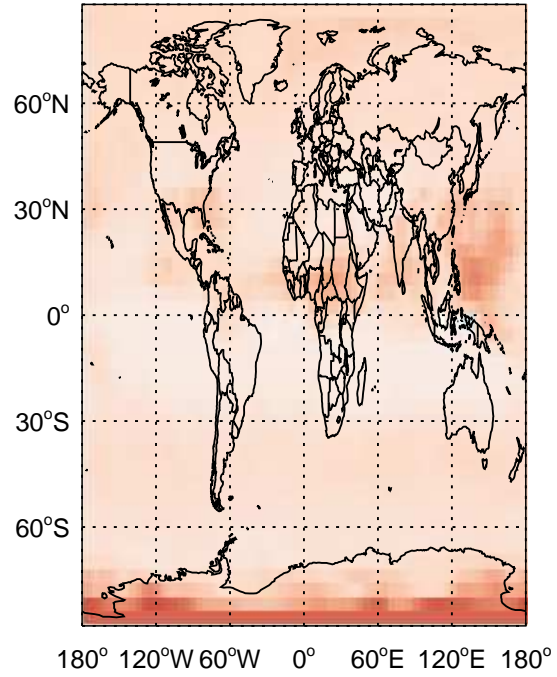


GEOS-Chem Ratio Maps at surface and 500 hPa

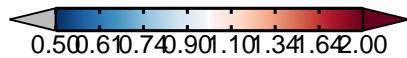
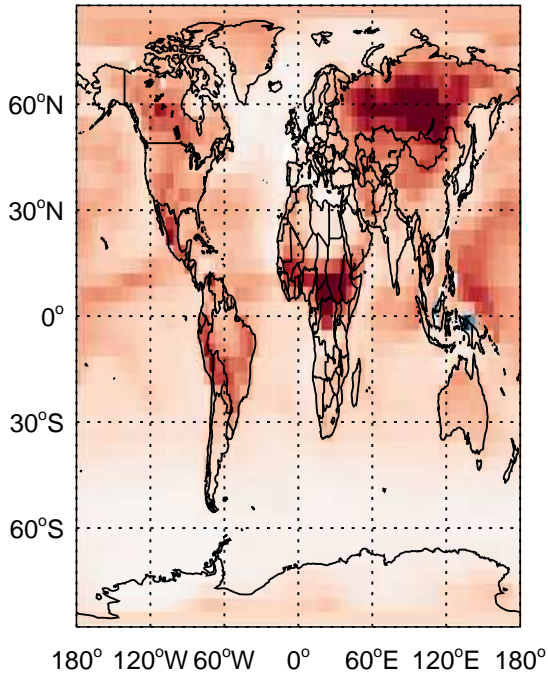
v11-01k-Run0 / v11-01g-Run0
BrO / Ratio @ Surface for Jul



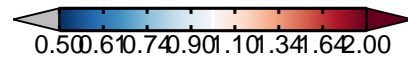
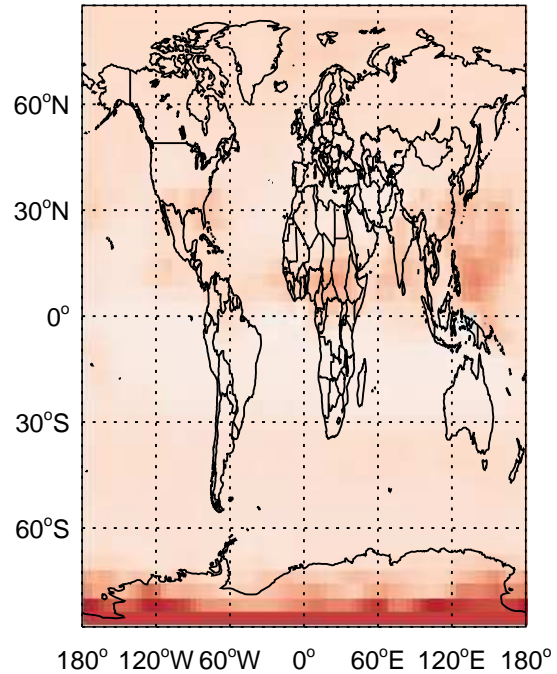
v11-01k-Run0 / v11-01g-Run0
BrO / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
BrO / Ratio @ Surface for Jul

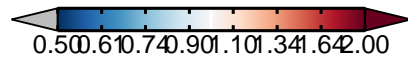
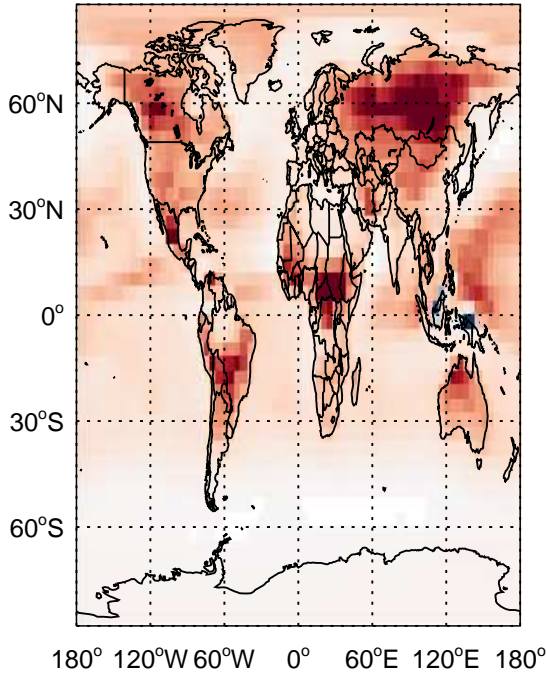


v11-01k-Run0 / v11-01f-geosfp-Run0
BrO / Ratio @ 500 hPa for Jul

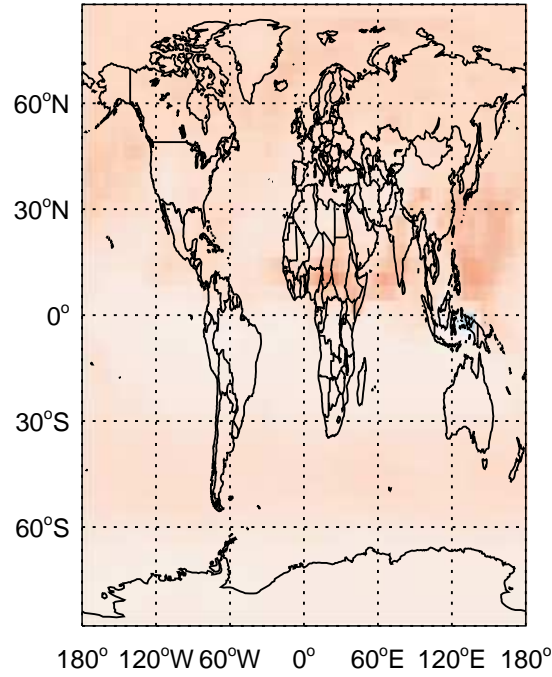


GEOS-Chem Ratio Maps at surface and 500 hPa

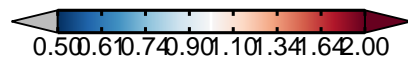
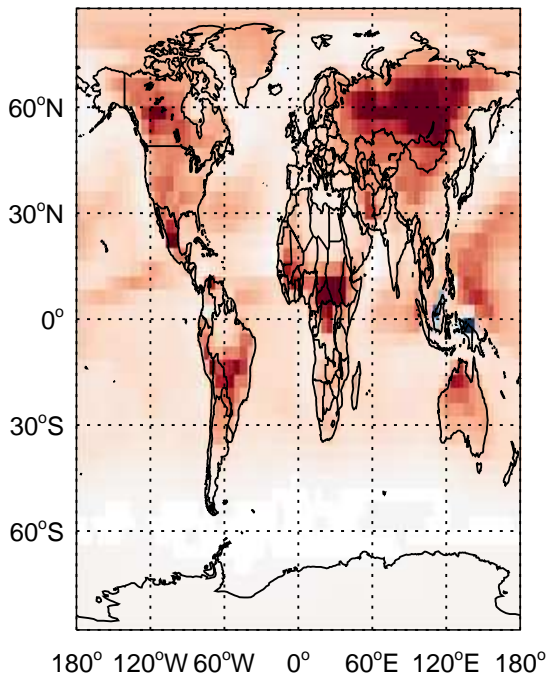
v11-01k-Run0 / v11-01g-Run0
HOBr / Ratio @ Surface for Jul



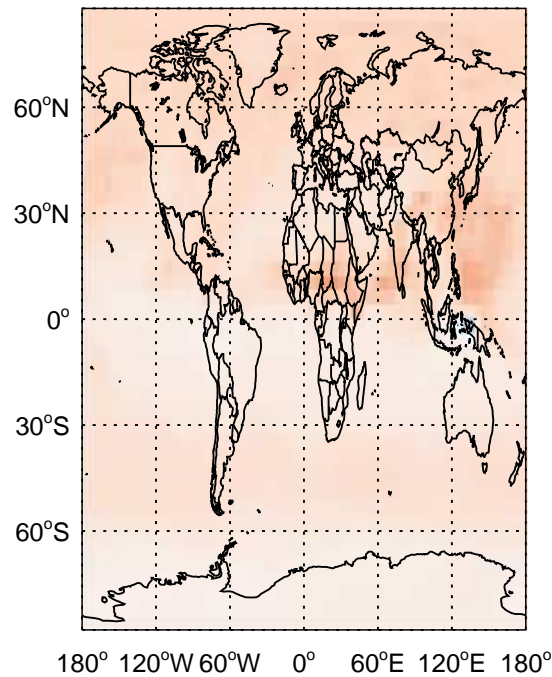
v11-01k-Run0 / v11-01g-Run0
HOBr/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
HOBr / Ratio @ Surface for Jul

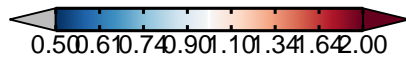
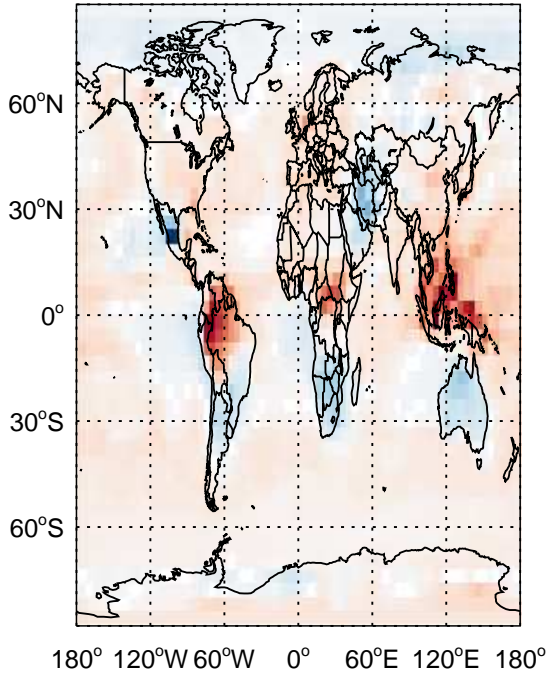


v11-01k-Run0 / v11-01f-geosp-Run0
HOBr/ Ratio @ 500 hPa for Jul

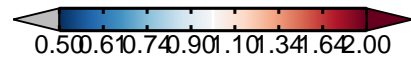
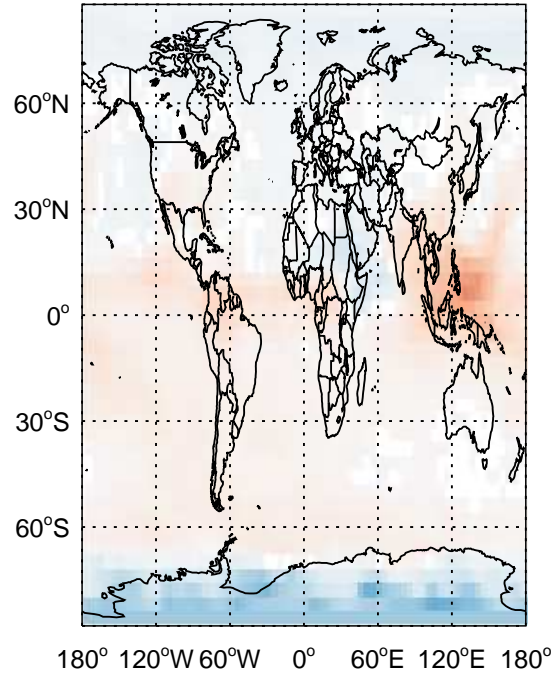


GEOS-Chem Ratio Maps at surface and 500 hPa

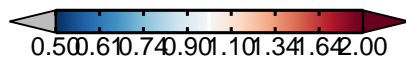
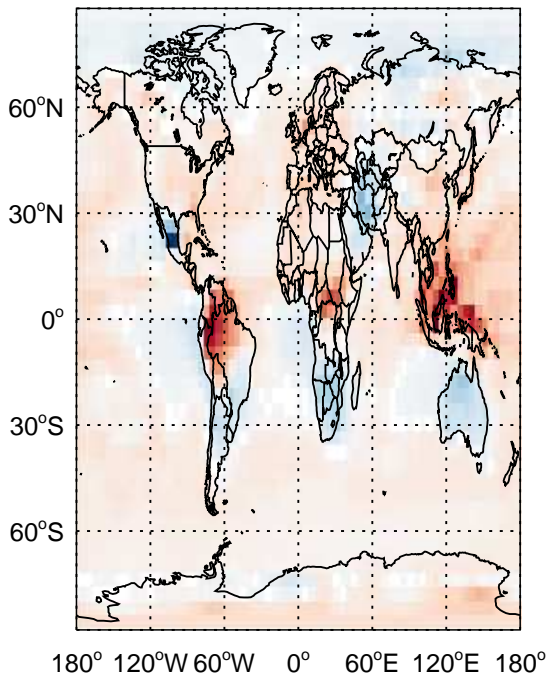
v11-01k-Run0 / v11-01g-Run0
HBr / Ratio @ Surface for Jul



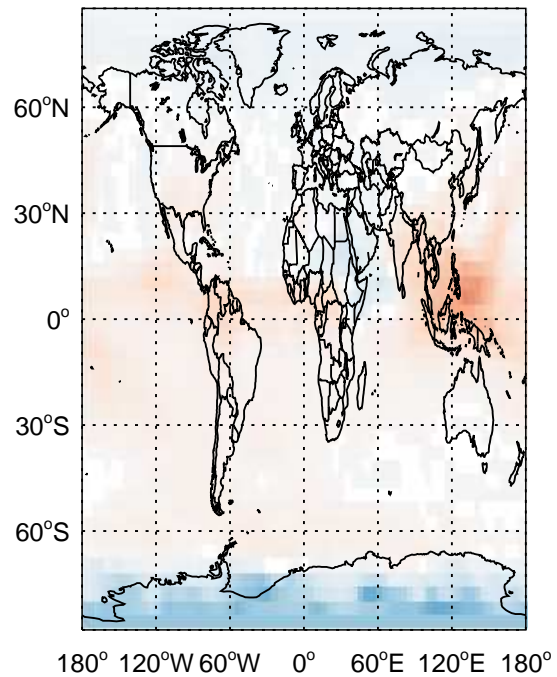
v11-01k-Run0 / v11-01g-Run0
HBr / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
HBr / Ratio @ Surface for Jul

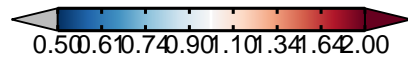
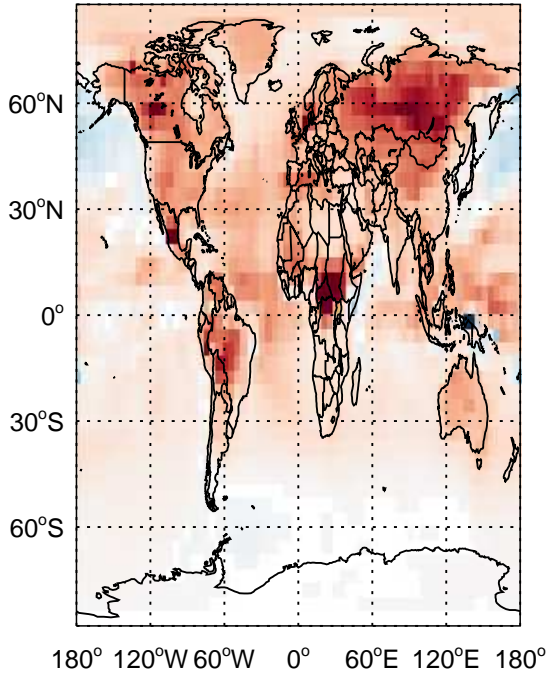


v11-01k-Run0 / v11-01f-geosp-Run0
HBr / Ratio @ 500 hPa for Jul

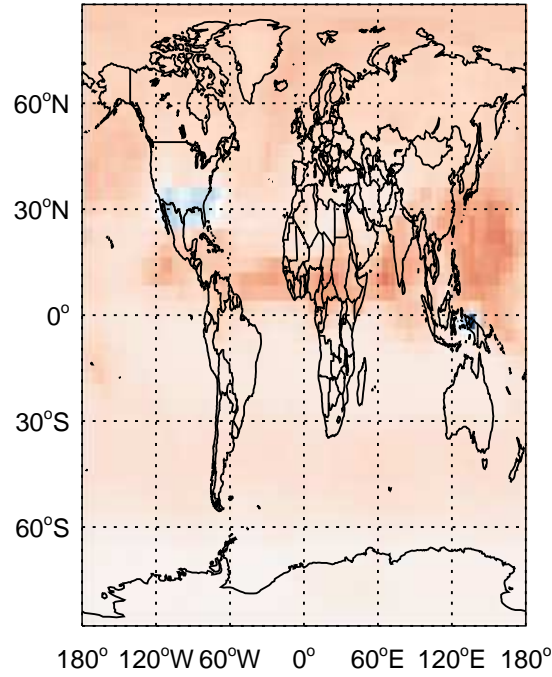


GEOS-Chem Ratio Maps at surface and 500 hPa

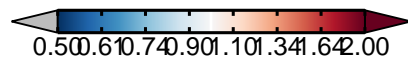
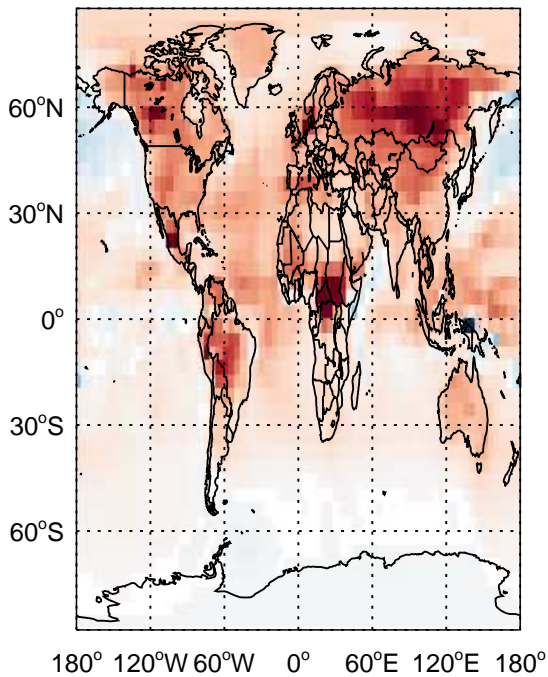
v11-01k-Run0 / v11-01g-Run0
BrNO₂ / Ratio @ Surface for Jul



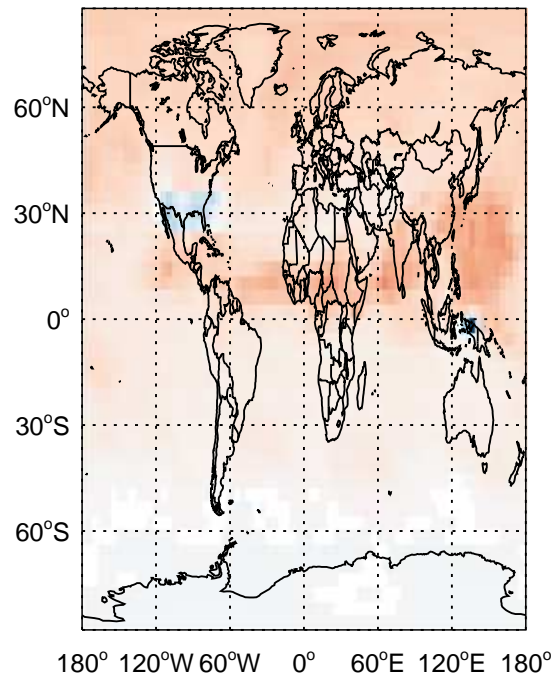
v11-01k-Run0 / v11-01g-Run0
BrNO₂ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
BrNO₂ / Ratio @ Surface for Jul

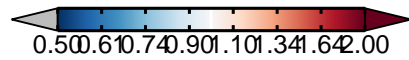
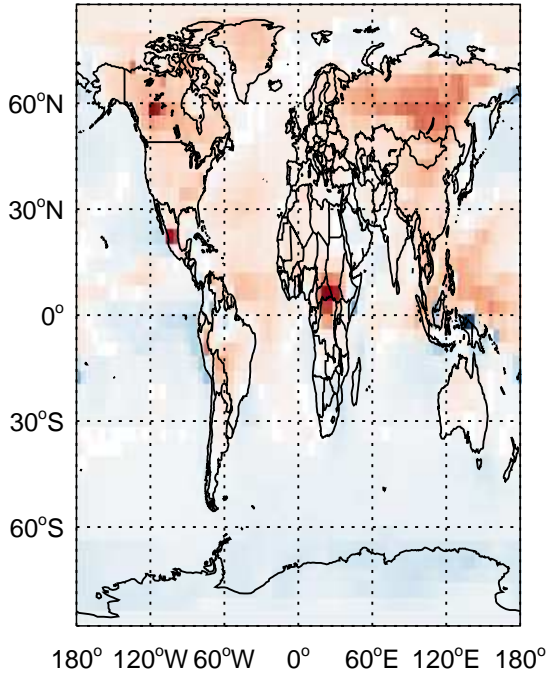


v11-01k-Run0 / v11-01f-geosfp-Run0
BrNO₂ / Ratio @ 500 hPa for Jul

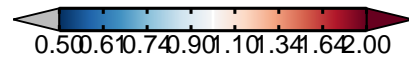
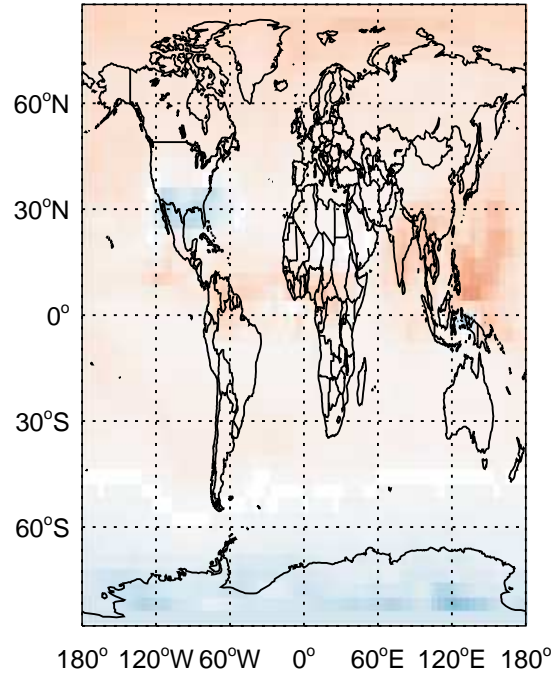


GEOS-Chem Ratio Maps at surface and 500 hPa

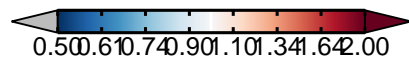
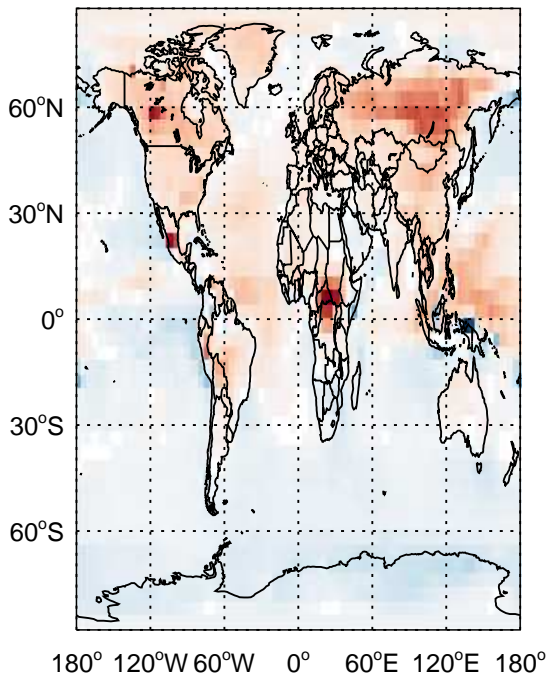
v11-01k-Run0 / v11-01g-Run0
BrNO3 / Ratio @ Surface for Jul



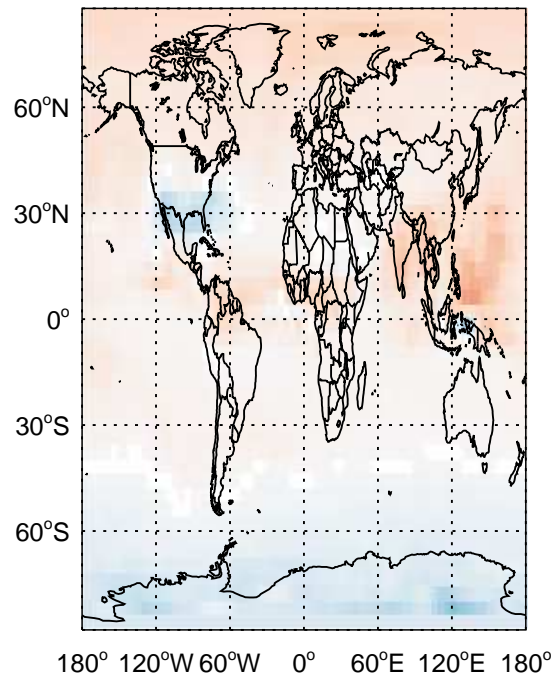
v11-01k-Run0 / v11-01g-Run0
BrNO3/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
BrNO3 / Ratio @ Surface for Jul

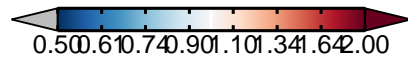
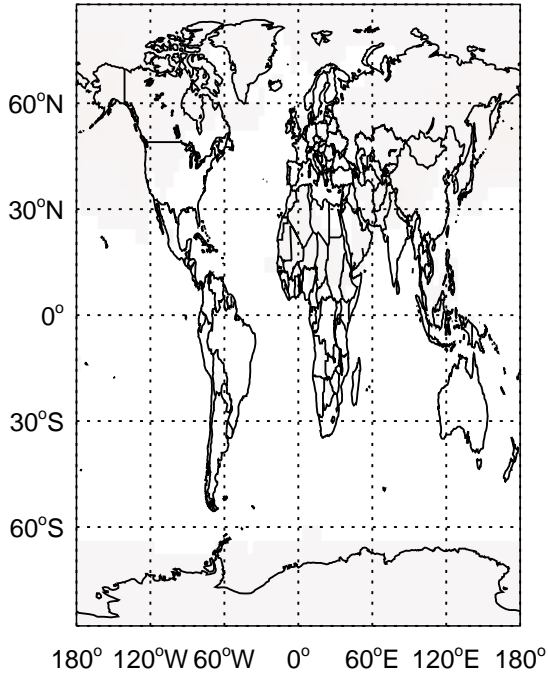


v11-01k-Run0 / v11-01f-geosfp-Run0
BrNO3/ Ratio @ 500 hPa for Jul

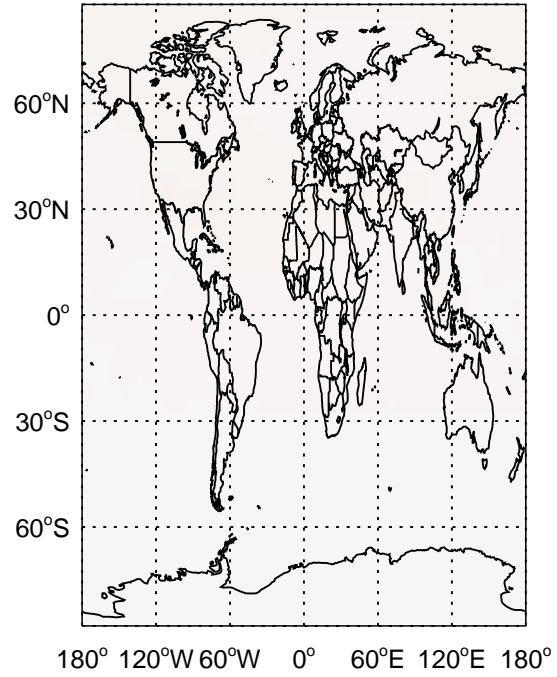


GEOS-Chem Ratio Maps at surface and 500 hPa

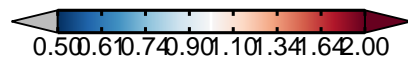
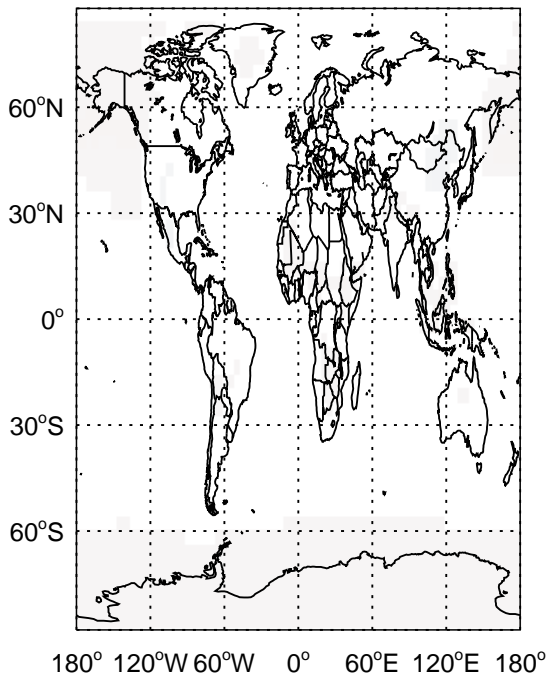
v11-01k-Run0 / v11-01g-Run0
CHBr3 / Ratio @ Surface for Jul



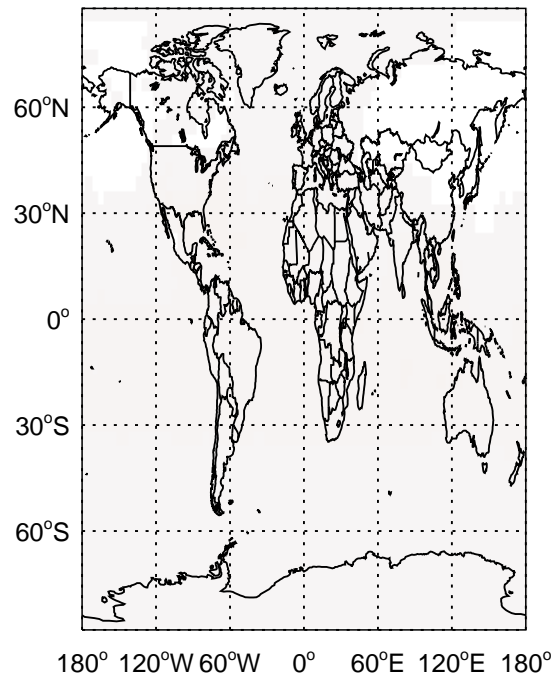
v11-01k-Run0 / v11-01g-Run0
CHBr3 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CHBr3 / Ratio @ Surface for Jul

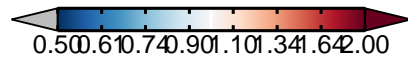
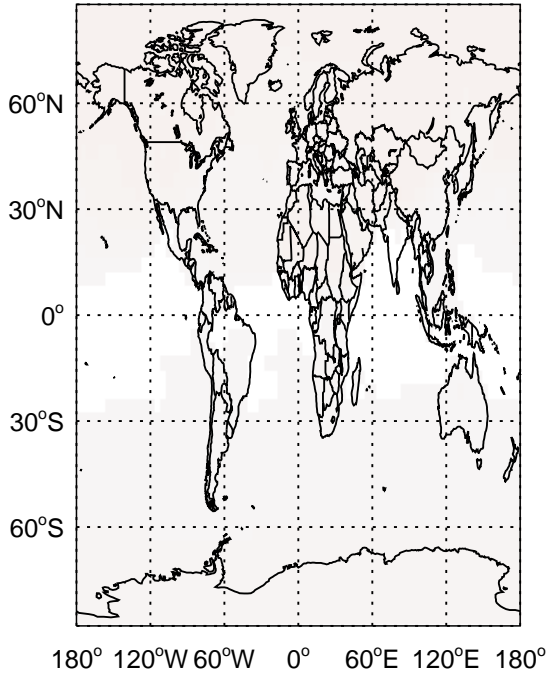


v11-01k-Run0 / v11-01f-geosfp-Run0
CHBr3 / Ratio @ 500 hPa for Jul

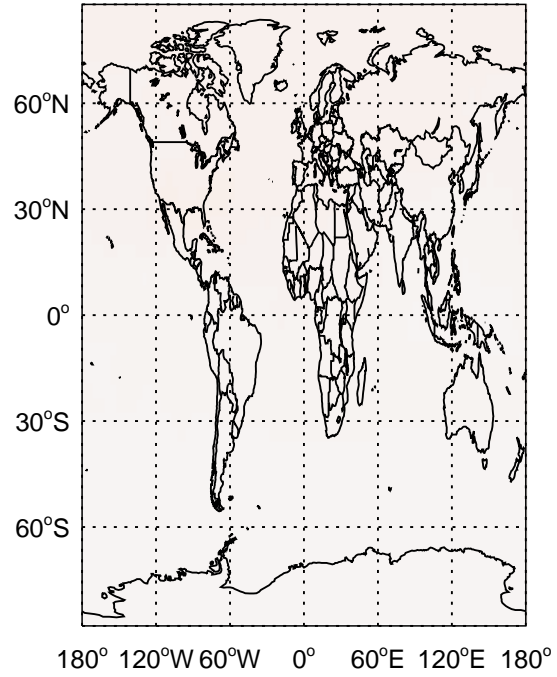


GEOS-Chem Ratio Maps at surface and 500 hPa

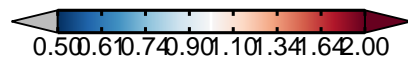
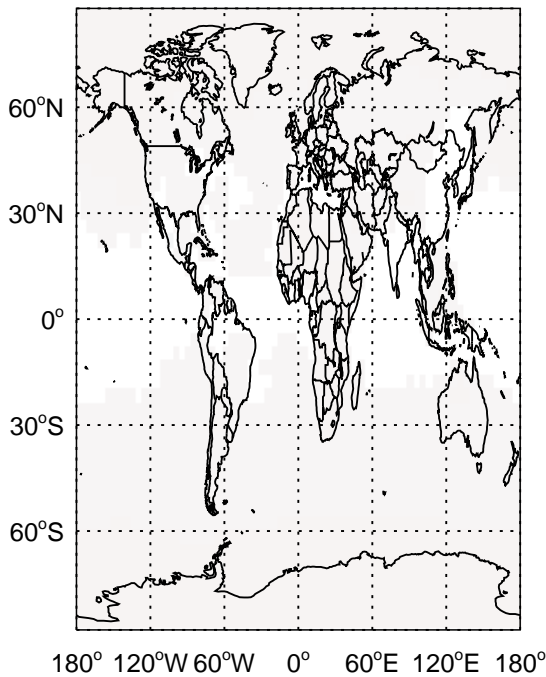
v11-01k-Run0 / v11-01g-Run0
CH₂Br₂ / Ratio @ Surface for Jul



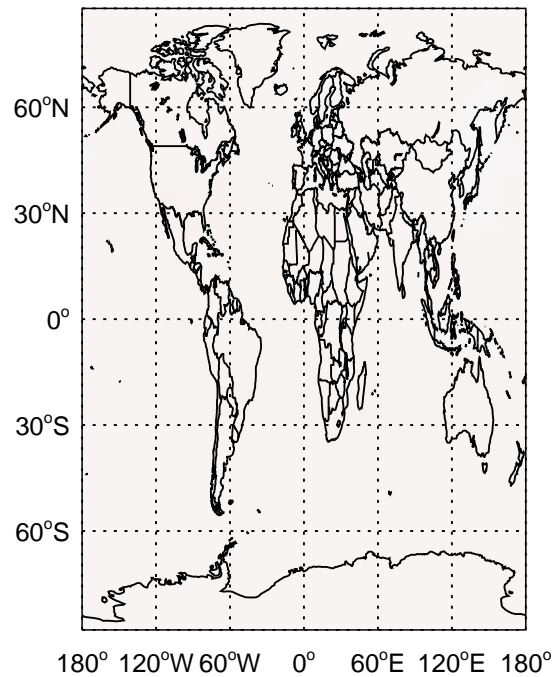
v11-01k-Run0 / v11-01g-Run0
CH₂Br₂ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CH₂Br₂ / Ratio @ Surface for Jul

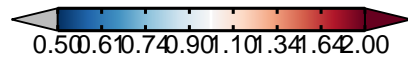
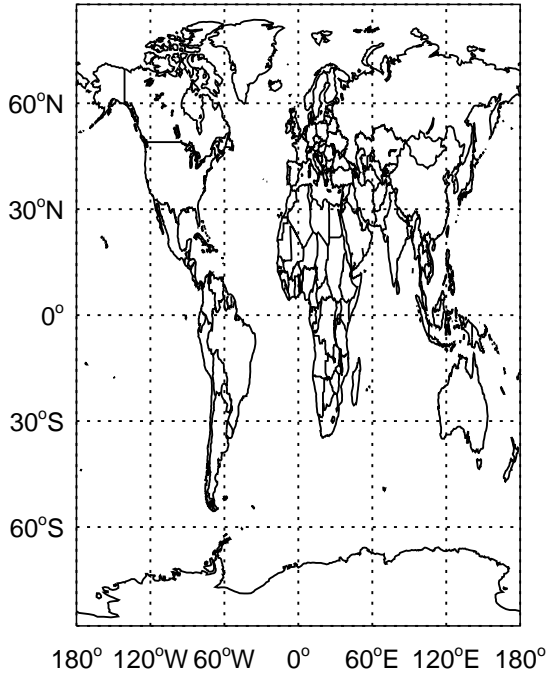


v11-01k-Run0 / v11-01f-geosfp-Run0
CH₂Br₂ / Ratio @ 500 hPa for Jul

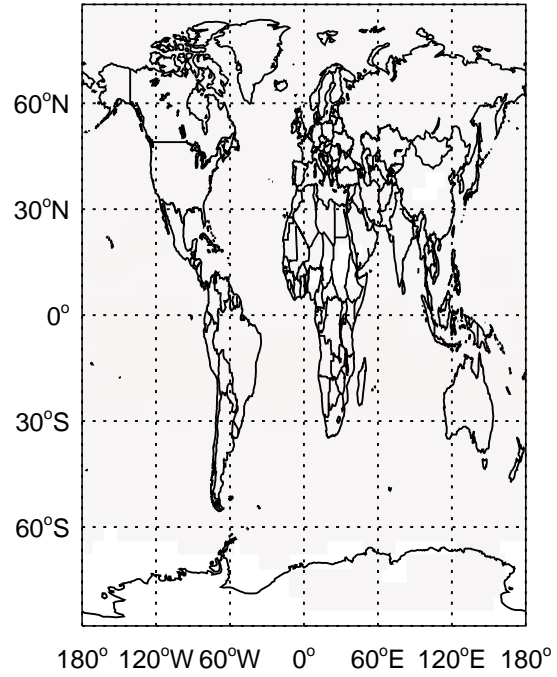


GEOS-Chem Ratio Maps at surface and 500 hPa

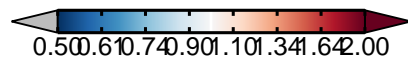
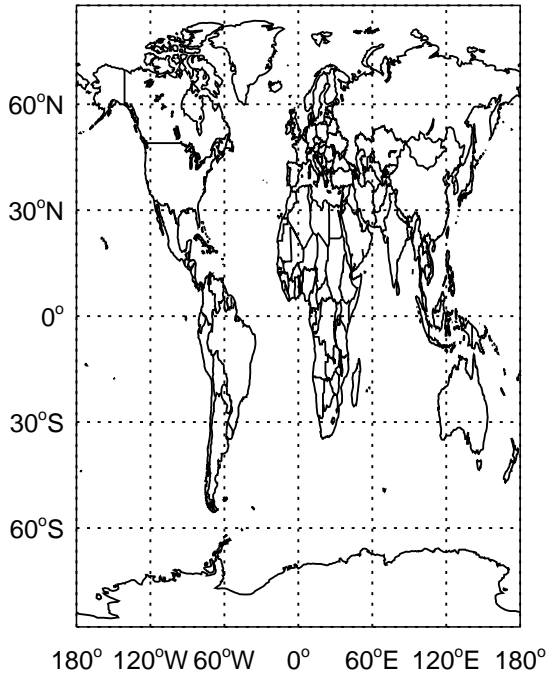
v11-01k-Run0 / v11-01g-Run0
CH3Br / Ratio @ Surface for Jul



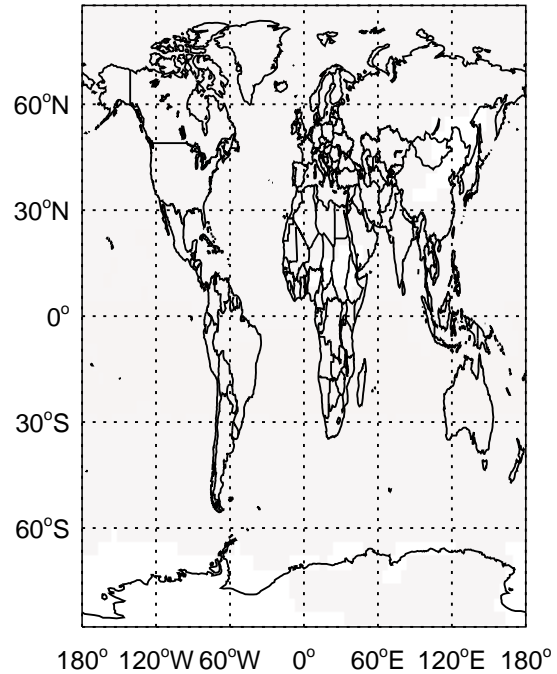
v11-01k-Run0 / v11-01g-Run0
CH3Br/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CH3Br / Ratio @ Surface for Jul

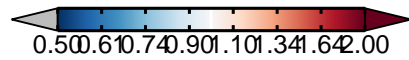
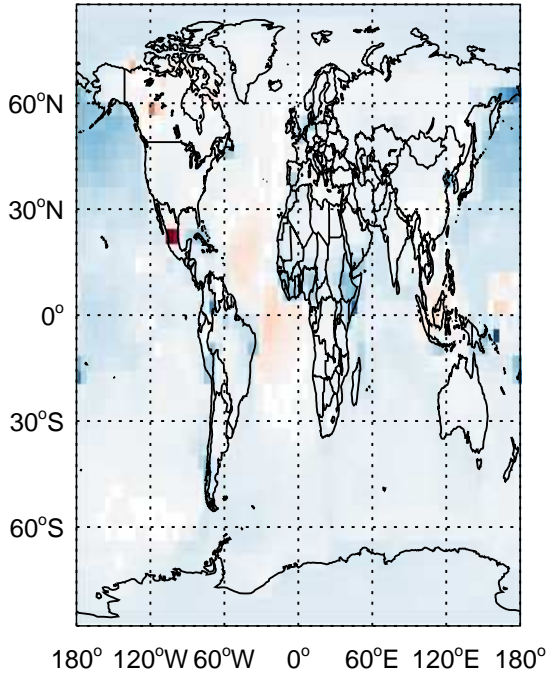


v11-01k-Run0 / v11-01f-geosfp-Run0
CH3Br/ Ratio @ 500 hPa for Jul

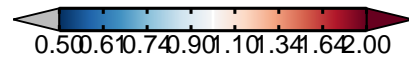
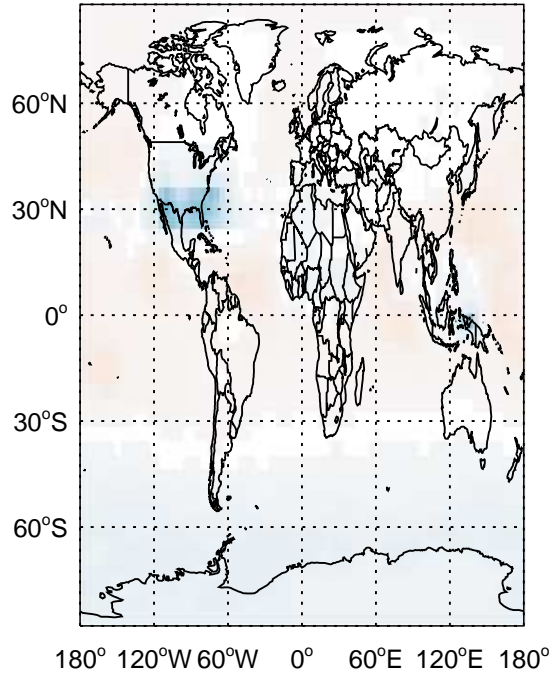


GEOS-Chem Ratio Maps at surface and 500 hPa

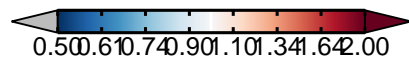
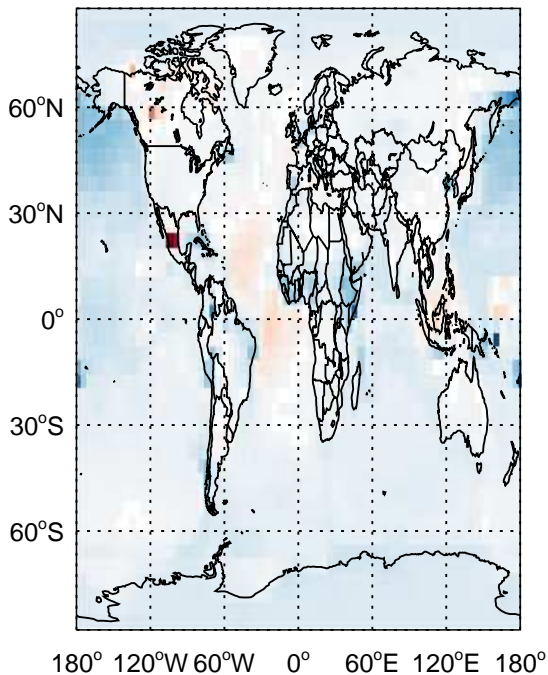
v11-01k-Run0 / v11-01g-Run0
MPN / Ratio @ Surface for Jul



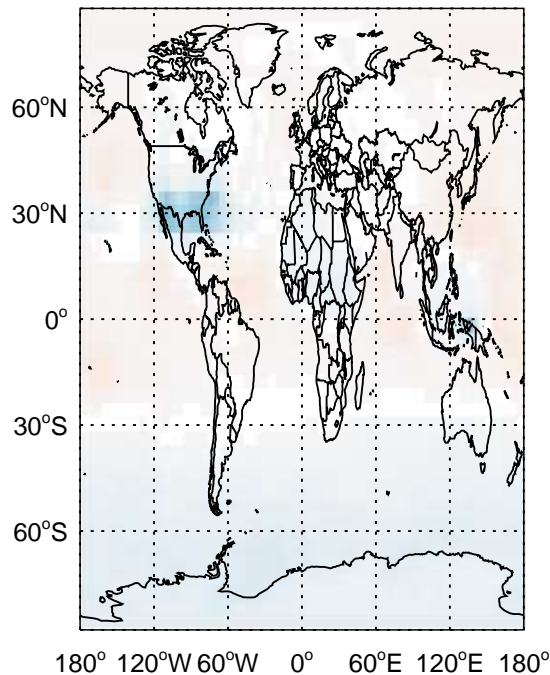
v11-01k-Run0 / v11-01g-Run0
MPN/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MPN / Ratio @ Surface for Jul

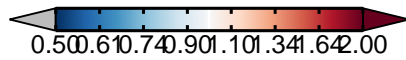
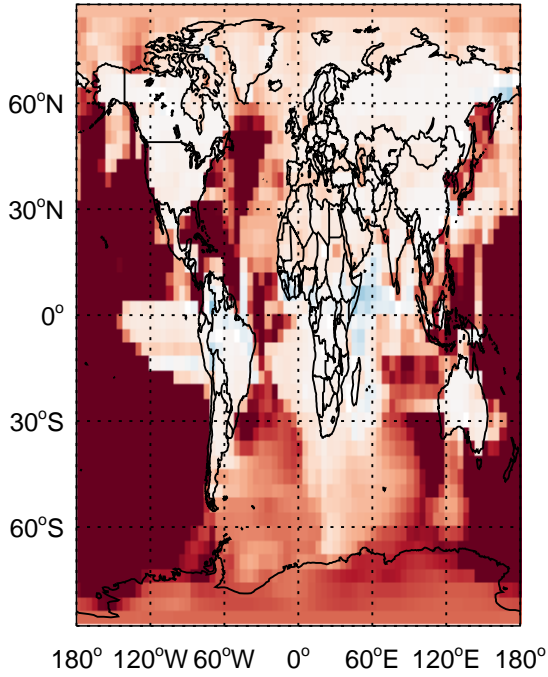


v11-01k-Run0 / v11-01f-geosfp-Run0
MPN/ Ratio @ 500 hPa for Jul

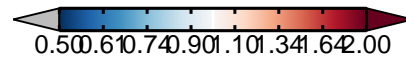
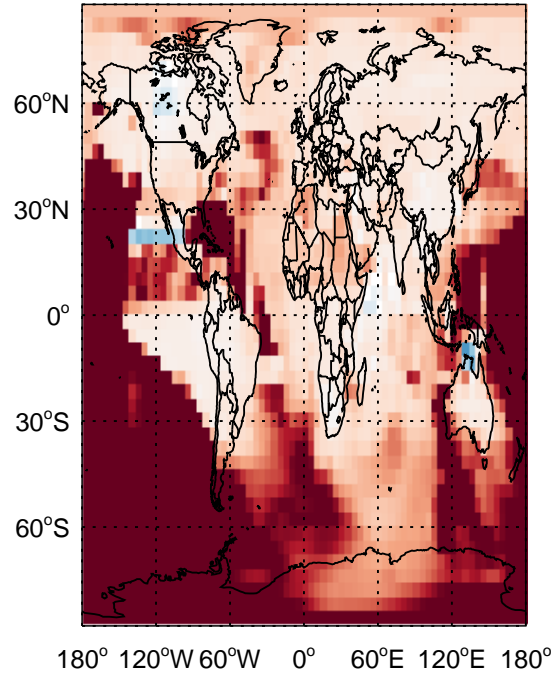


GEOS-Chem Ratio Maps at surface and 500 hPa

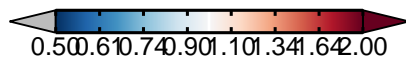
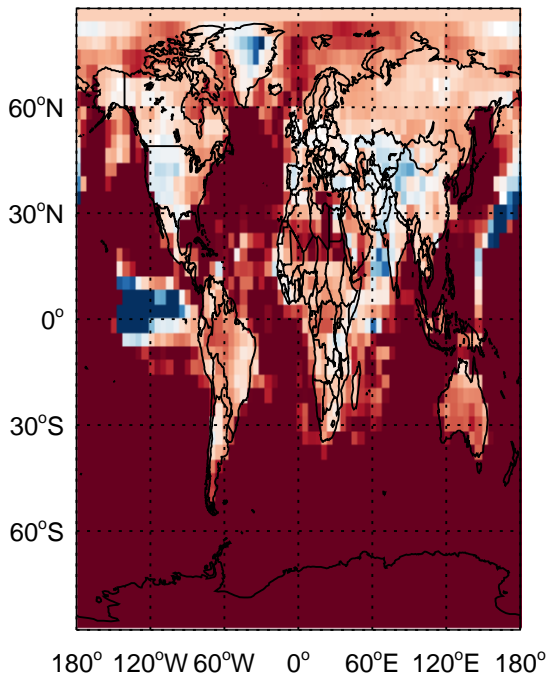
v11-01k-Run0 / v11-01g-Run0
ISOPND / Ratio @ Surface for Jul



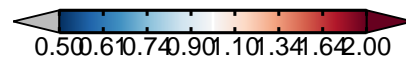
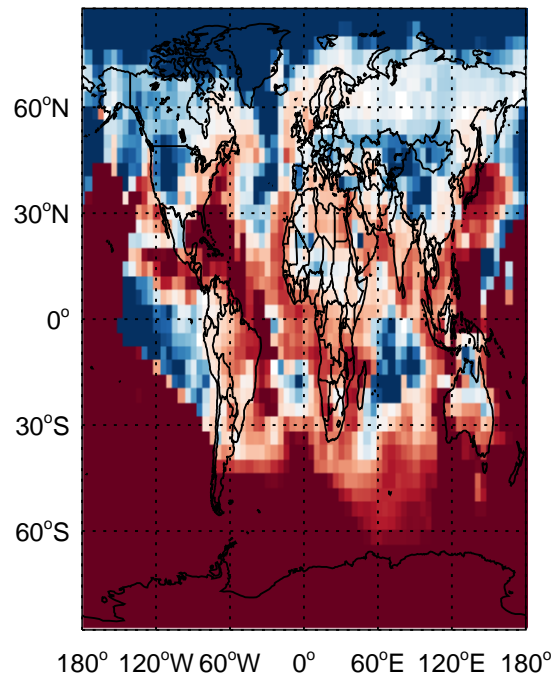
v11-01k-Run0 / v11-01g-Run0
ISOPND/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ISOPND / Ratio @ Surface for Jul

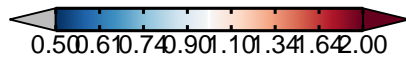
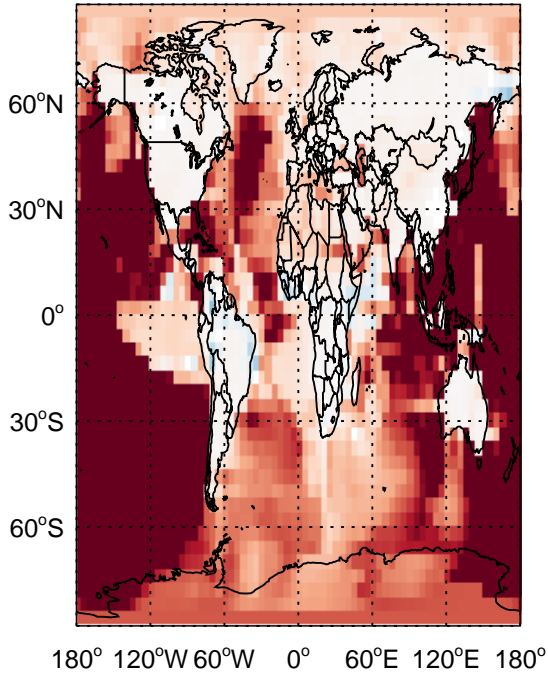


v11-01k-Run0 / v11-01f-geosfp-Run0
ISOPND/ Ratio @ 500 hPa for Jul

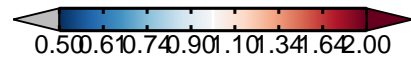
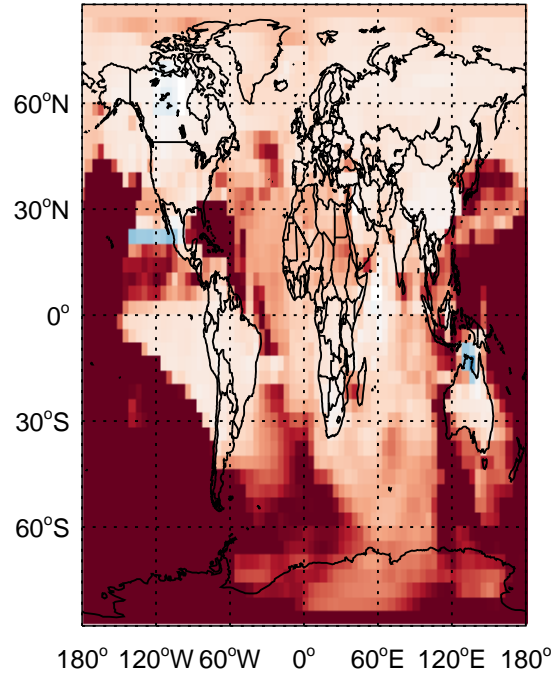


GEOS-Chem Ratio Maps at surface and 500 hPa

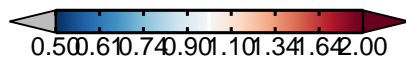
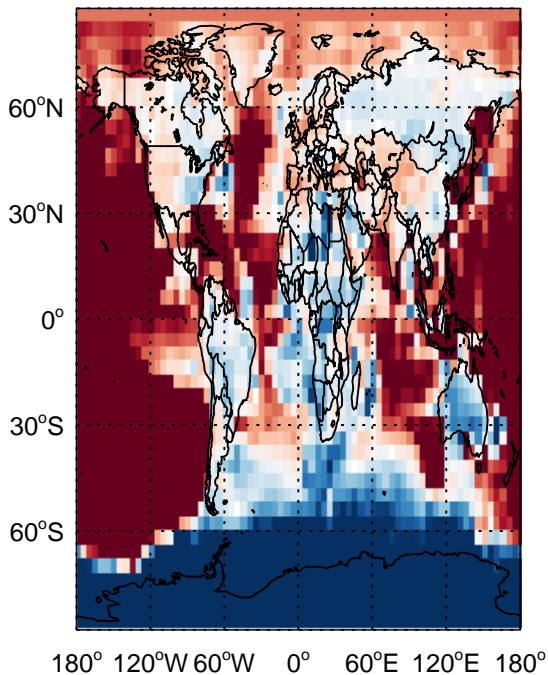
v11-01k-Run0 / v11-01g-Run0
ISOPNB / Ratio @ Surface for Jul



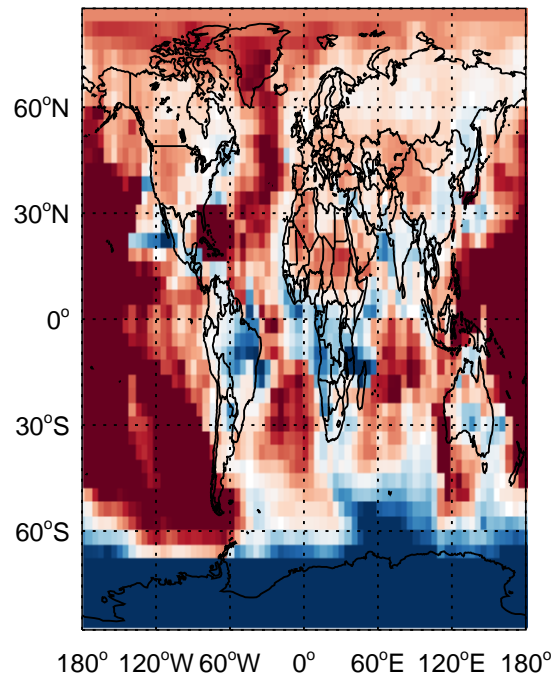
v11-01k-Run0 / v11-01g-Run0
ISOPNB/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ISOPNB / Ratio @ Surface for Jul

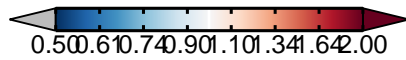
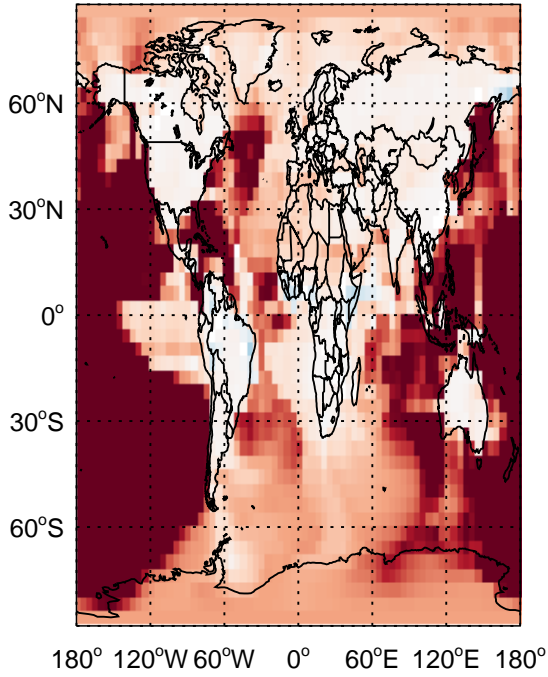


v11-01k-Run0 / v11-01f-geosfp-Run0
ISOPNB/ Ratio @ 500 hPa for Jul

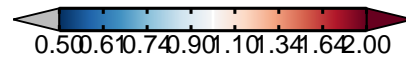
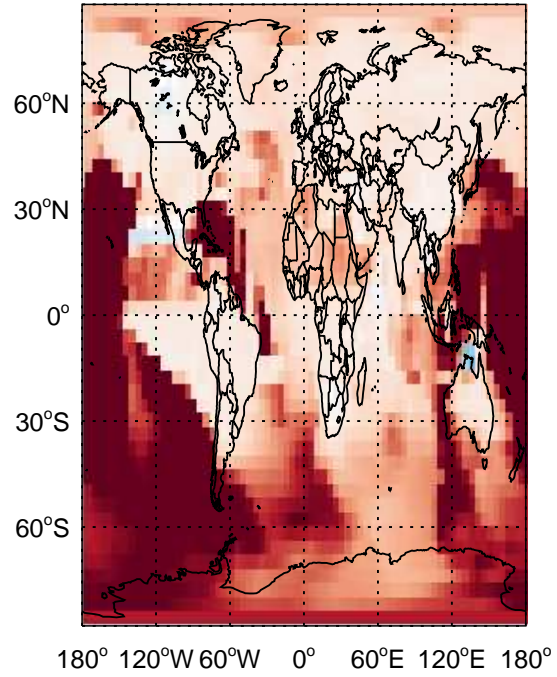


GEOS-Chem Ratio Maps at surface and 500 hPa

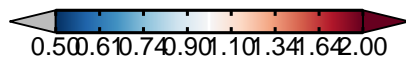
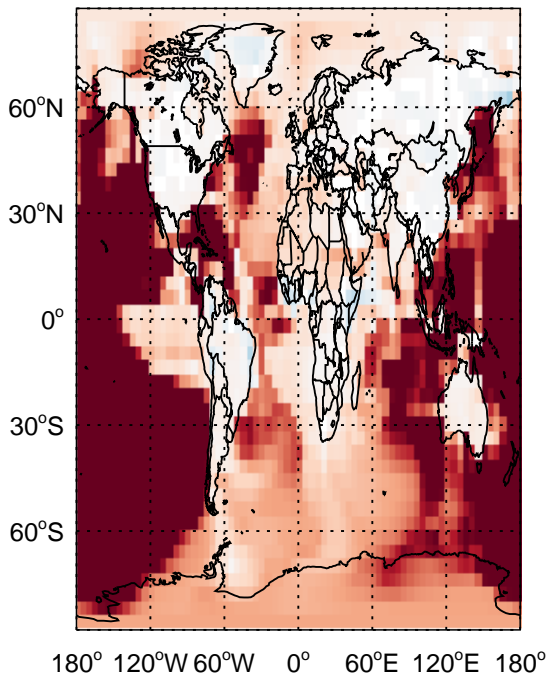
v11-01k-Run0 / v11-01g-Run0
MOBA / Ratio @ Surface for Jul



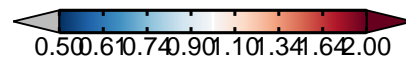
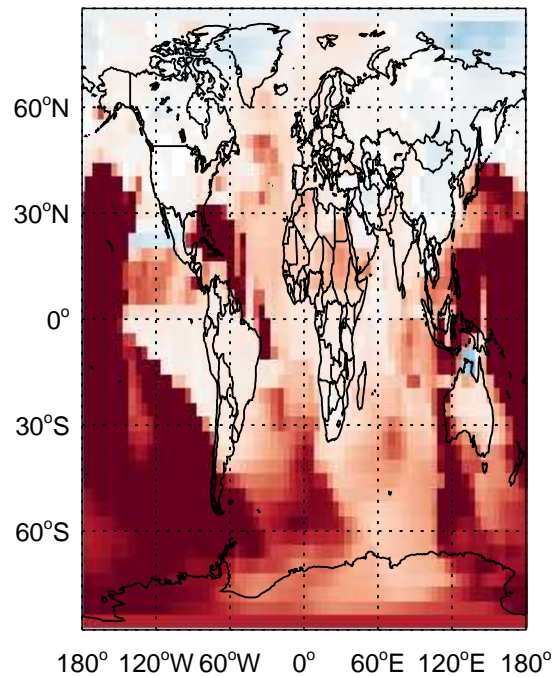
v11-01k-Run0 / v11-01g-Run0
MOBA / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MOBA / Ratio @ Surface for Jul

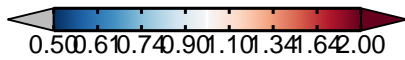
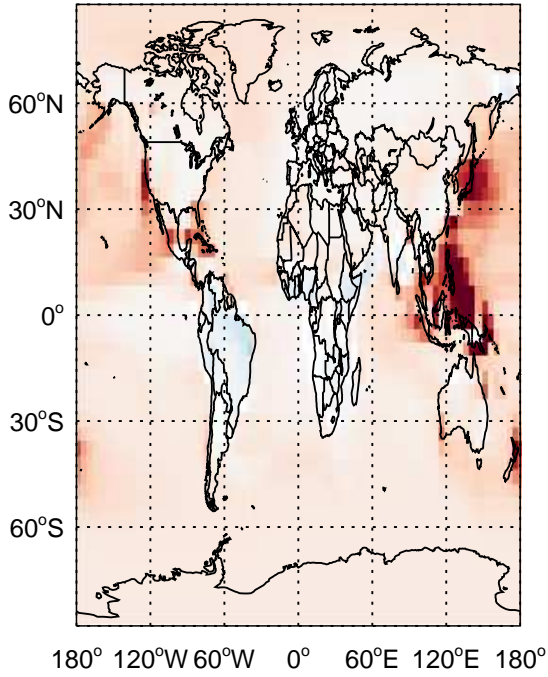


v11-01k-Run0 / v11-01f-geosfp-Run0
MOBA / Ratio @ 500 hPa for Jul

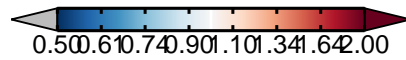
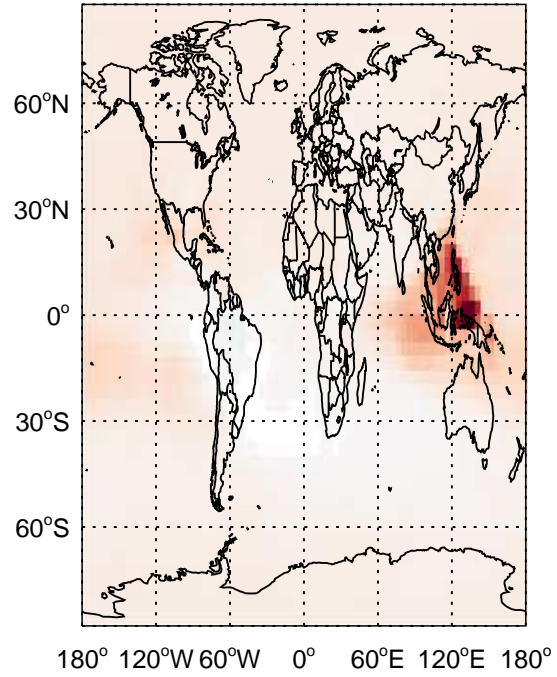


GEOS-Chem Ratio Maps at surface and 500 hPa

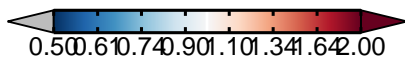
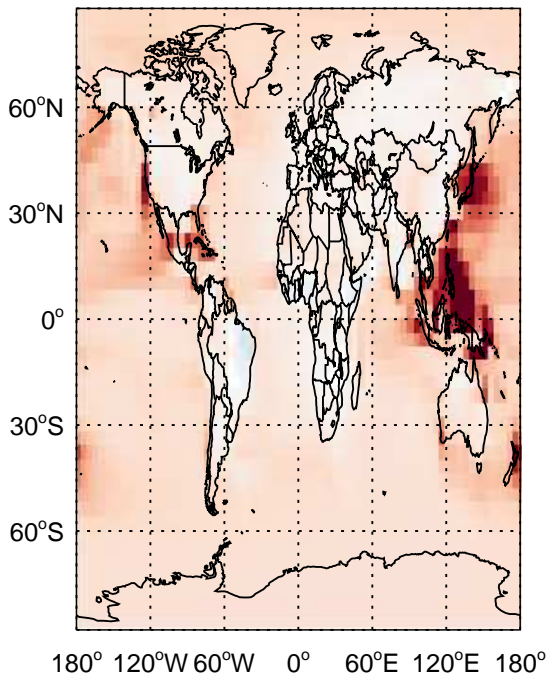
v11-01k-Run0 / v11-01g-Run0
PROPNN / Ratio @ Surface for Jul



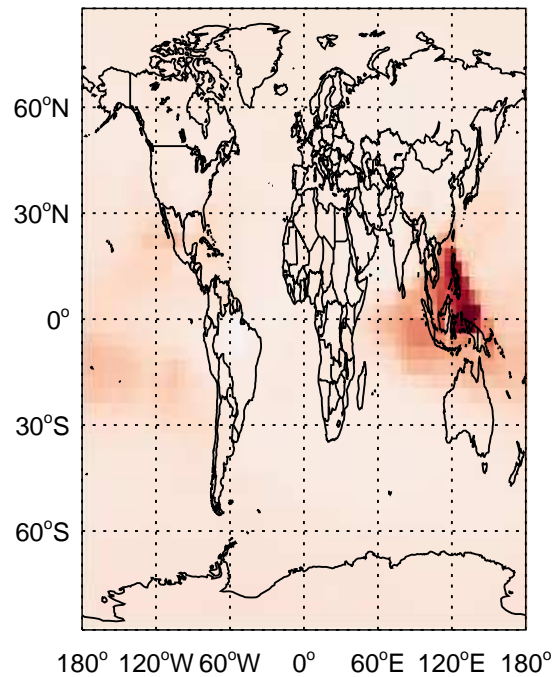
v11-01k-Run0 / v11-01g-Run0
PROPNN/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
PROPNN / Ratio @ Surface for Jul

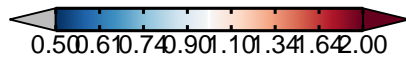
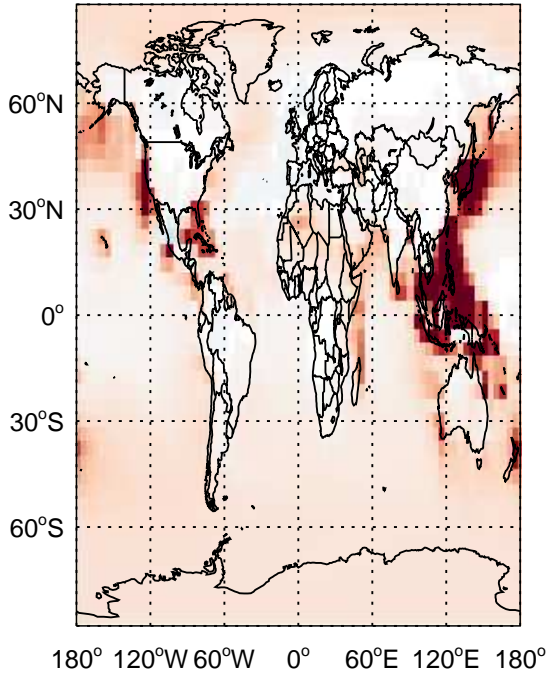


v11-01k-Run0 / v11-01f-geosfp-Run0
PROPNN/ Ratio @ 500 hPa for Jul

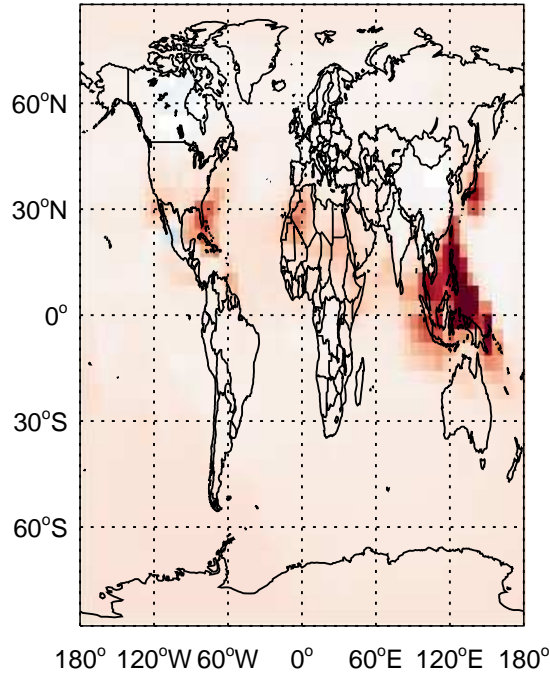


GEOS-Chem Ratio Maps at surface and 500 hPa

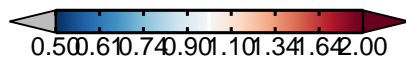
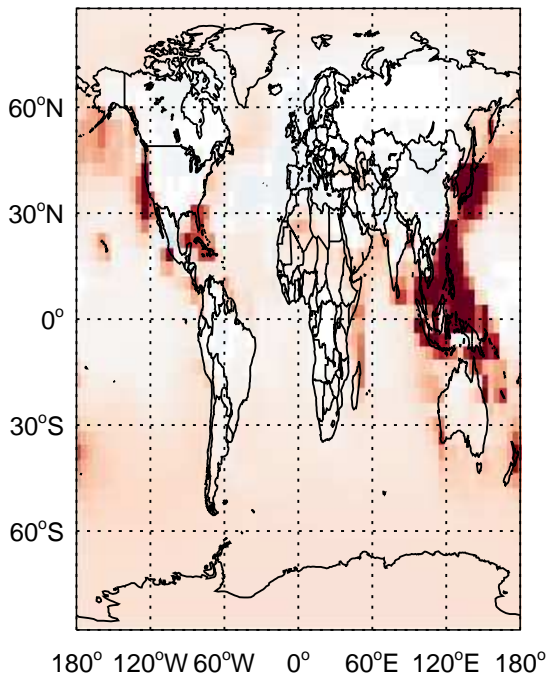
v11-01k-Run0 / v11-01g-Run0
HAC / Ratio @ Surface for Jul



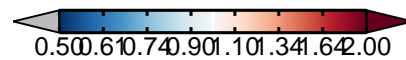
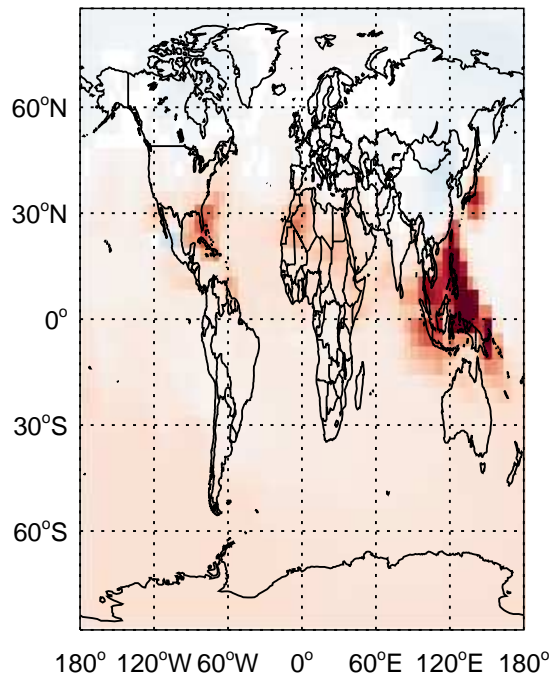
v11-01k-Run0 / v11-01g-Run0
HAC/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
HAC / Ratio @ Surface for Jul

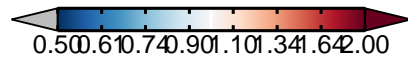
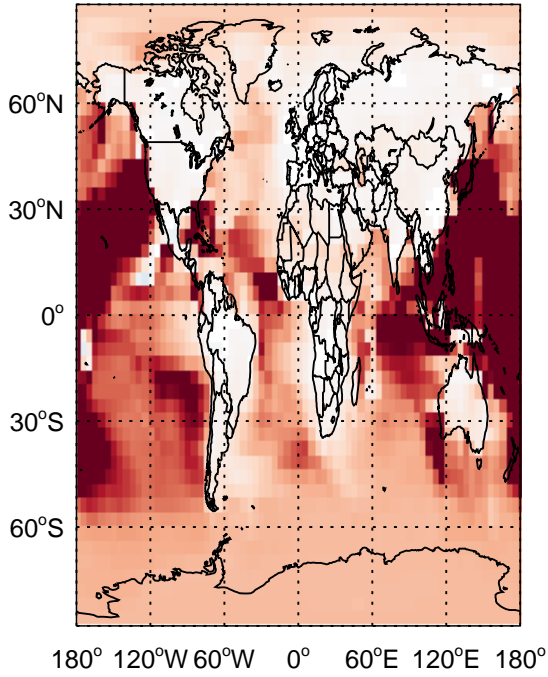


v11-01k-Run0 / v11-01f-geosp-Run0
HAC/ Ratio @ 500 hPa for Jul

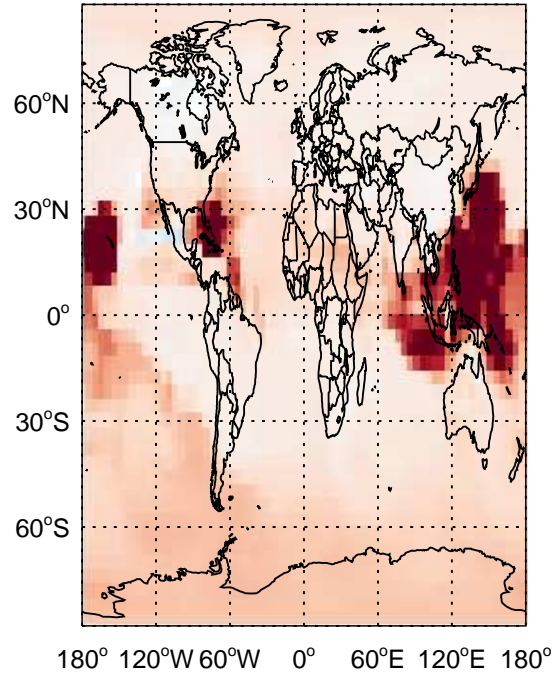


GEOS-Chem Ratio Maps at surface and 500 hPa

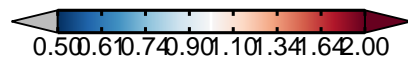
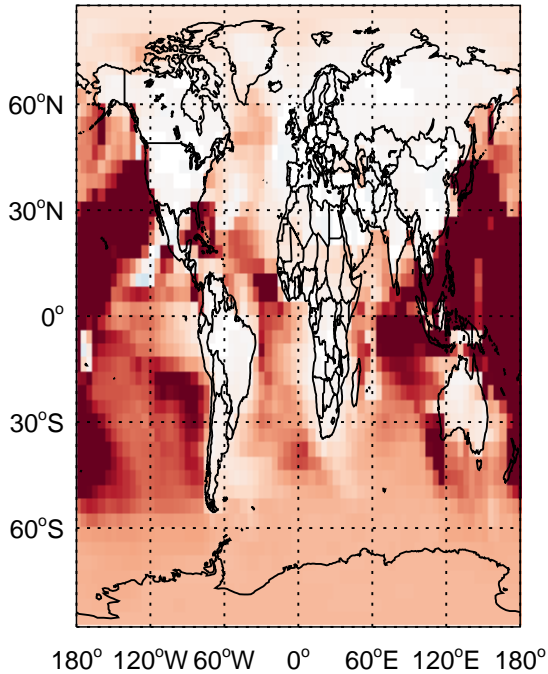
v11-01k-Run0 / v11-01g-Run0
GLYC / Ratio @ Surface for Jul



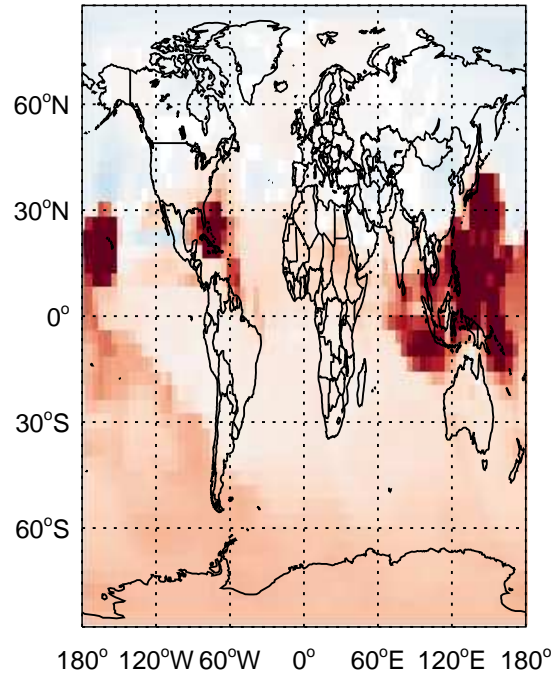
v11-01k-Run0 / v11-01g-Run0
GLYC/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
GLYC / Ratio @ Surface for Jul

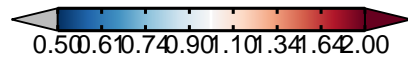
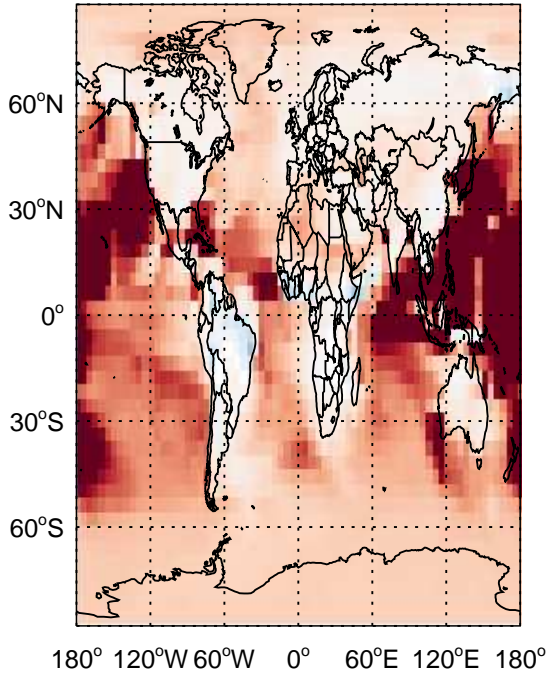


v11-01k-Run0 / v11-01f-geosfp-Run0
GLYC/ Ratio @ 500 hPa for Jul

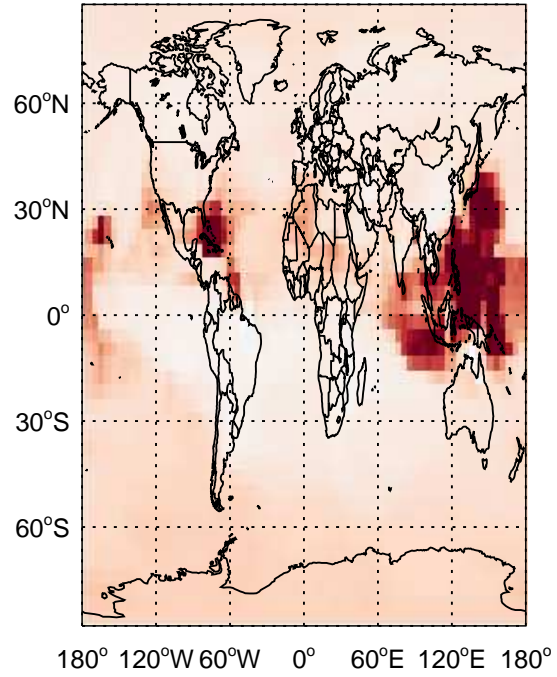


GEOS-Chem Ratio Maps at surface and 500 hPa

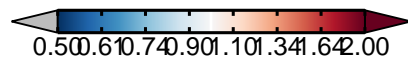
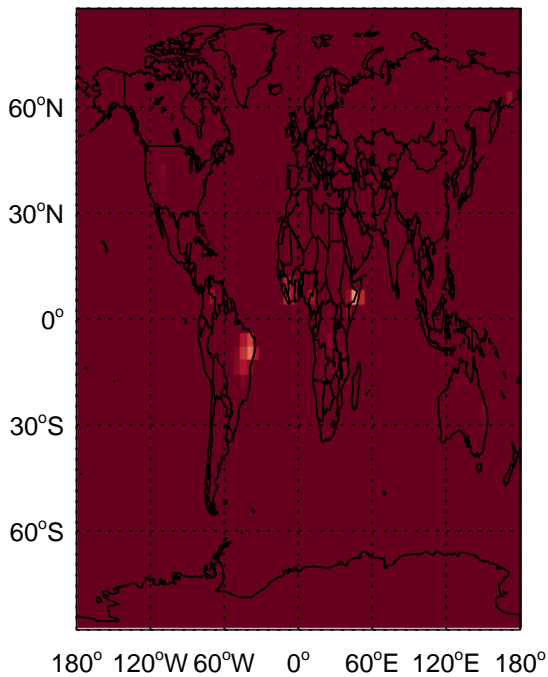
v11-01k-Run0 / v11-01g-Run0
MVKN / Ratio @ Surface for Jul



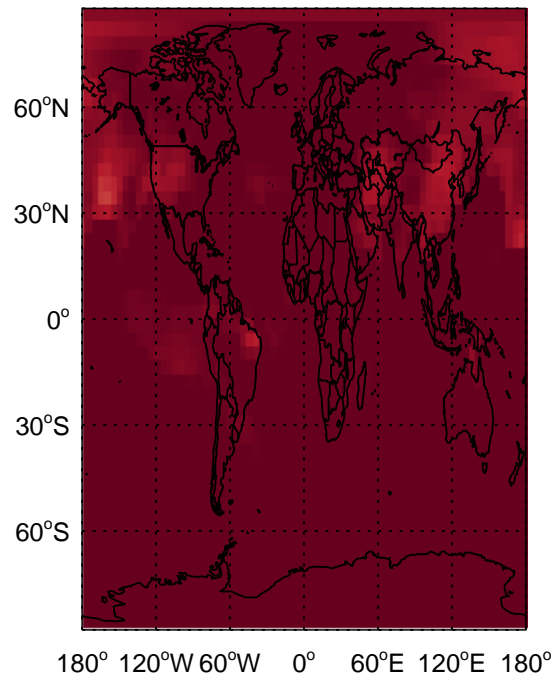
v11-01k-Run0 / v11-01g-Run0
MVKN/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MVKN / Ratio @ Surface for Jul

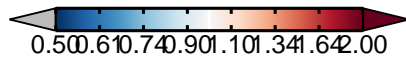
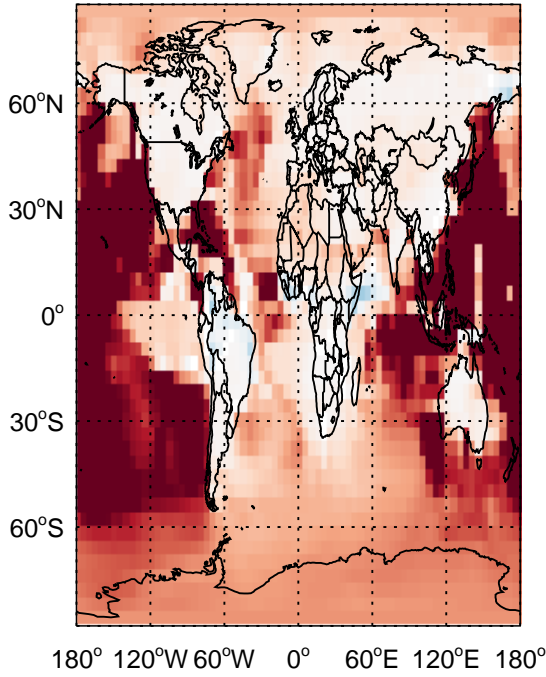


v11-01k-Run0 / v11-01f-geosfp-Run0
MVKN/ Ratio @ 500 hPa for Jul

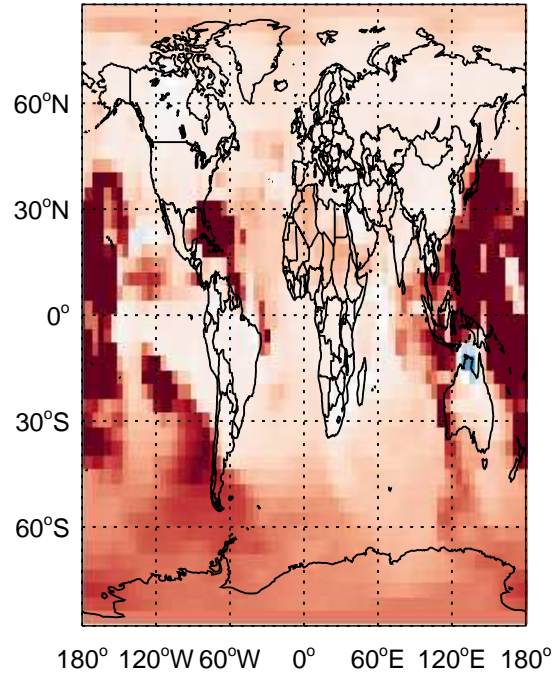


GEOS-Chem Ratio Maps at surface and 500 hPa

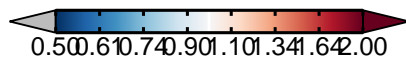
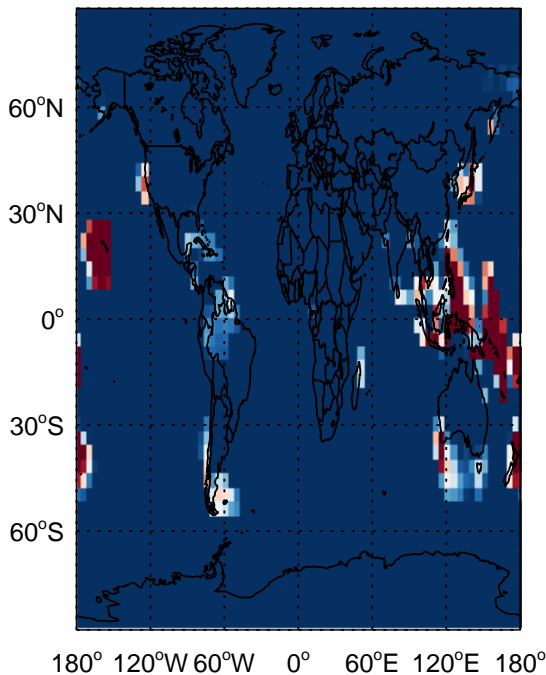
v11-01k-Run0 / v11-01g-Run0
MACRN / Ratio @ Surface for Jul



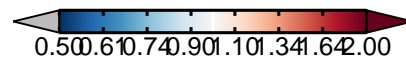
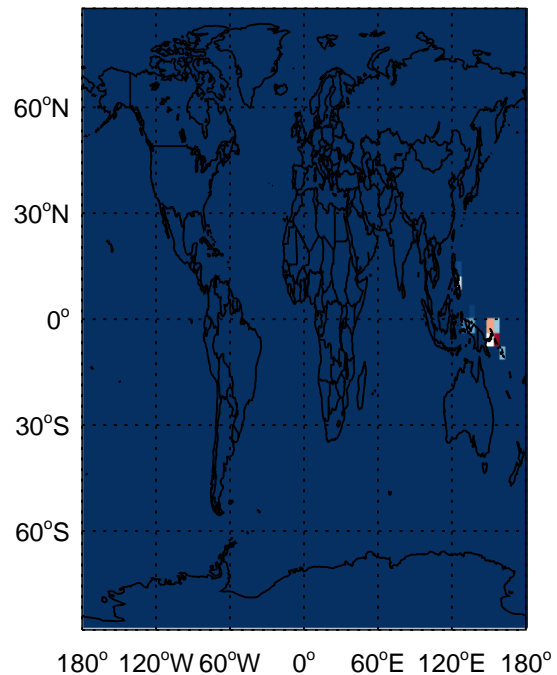
v11-01k-Run0 / v11-01g-Run0
MACRN/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MACRN / Ratio @ Surface for Jul

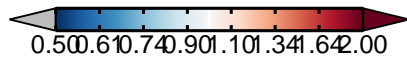
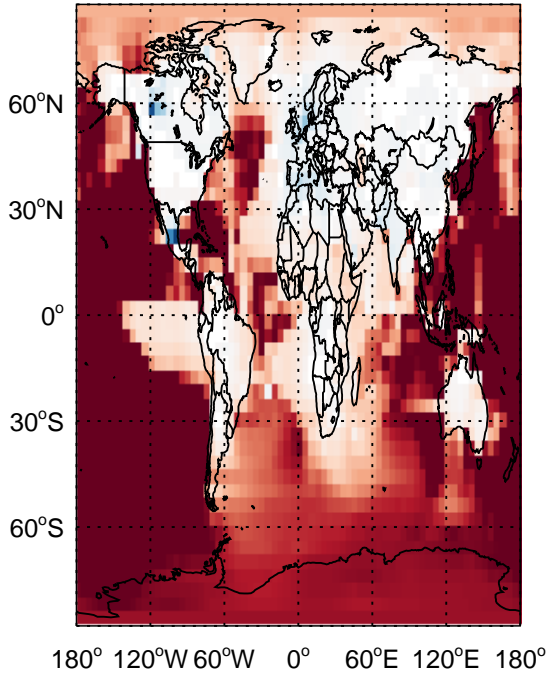


v11-01k-Run0 / v11-01f-geosfp-Run0
MACRN/ Ratio @ 500 hPa for Jul

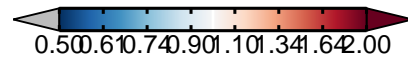
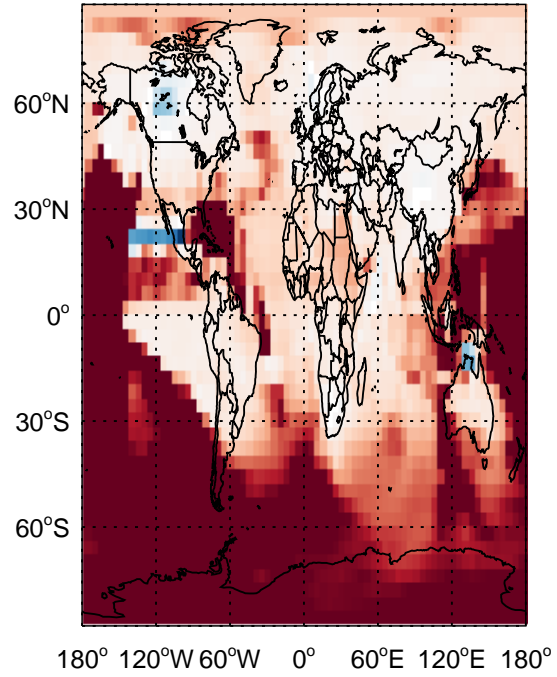


GEOS-Chem Ratio Maps at surface and 500 hPa

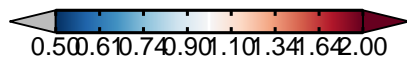
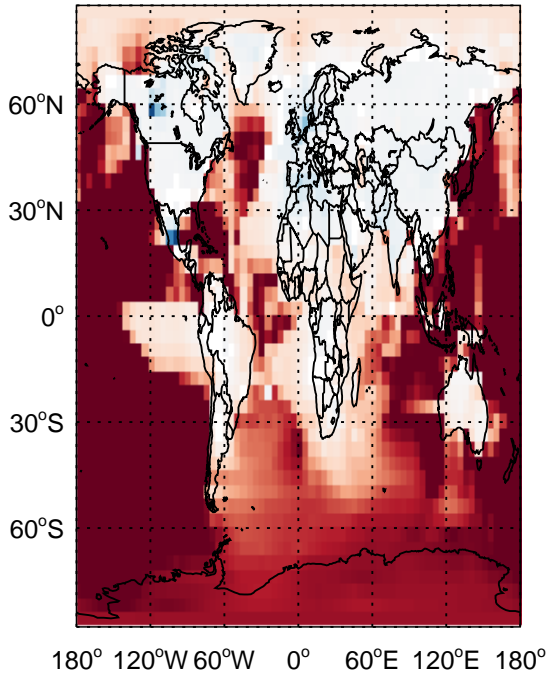
v11-01k-Run0 / v11-01g-Run0
RIP / Ratio @ Surface for Jul



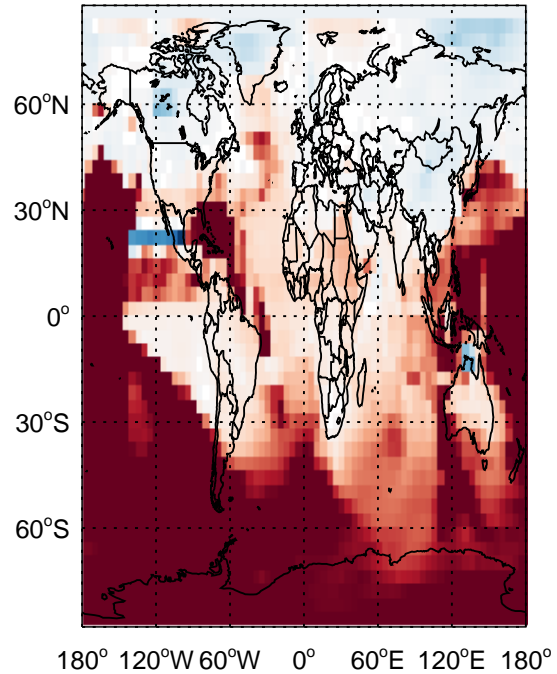
v11-01k-Run0 / v11-01g-Run0
RIP/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
RIP / Ratio @ Surface for Jul

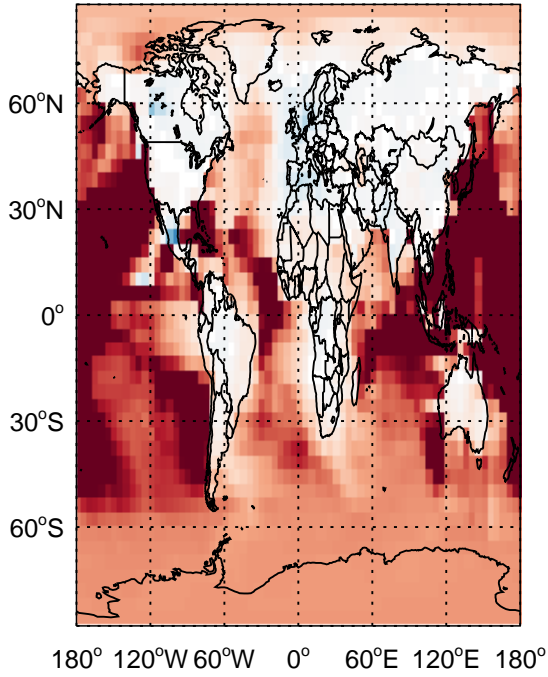


v11-01k-Run0 / v11-01f-geosfp-Run0
RIP/ Ratio @ 500 hPa for Jul

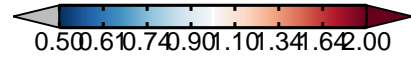
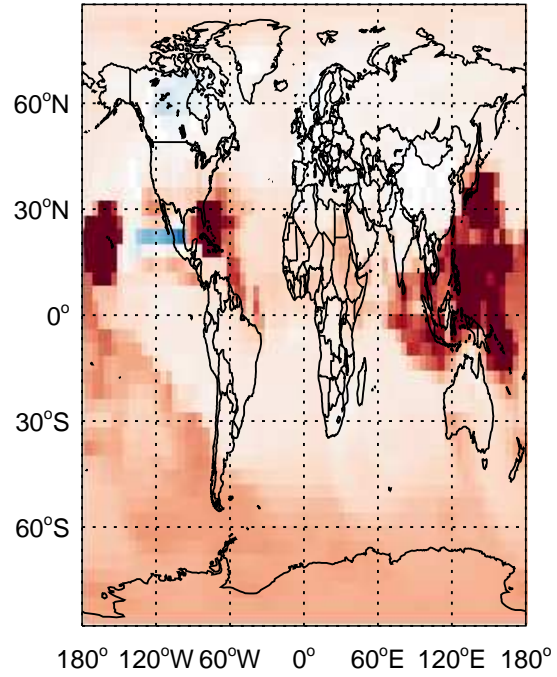


GEOS-Chem Ratio Maps at surface and 500 hPa

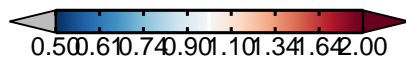
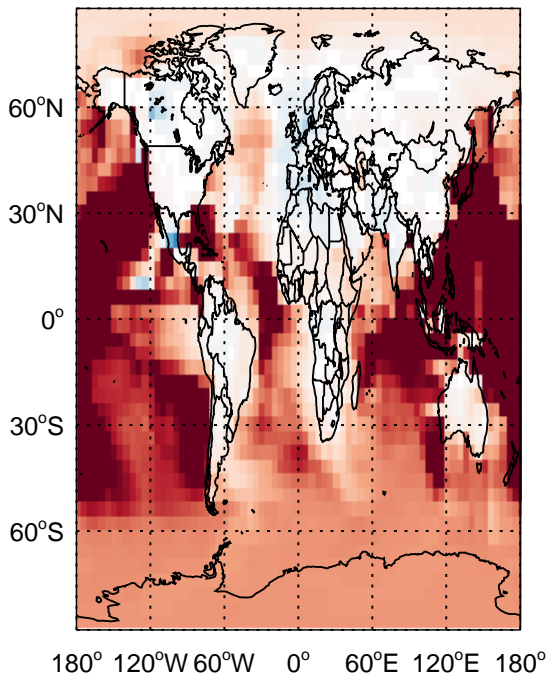
v11-01k-Run0 / v11-01g-Run0
IEPOX / Ratio @ Surface for Jul



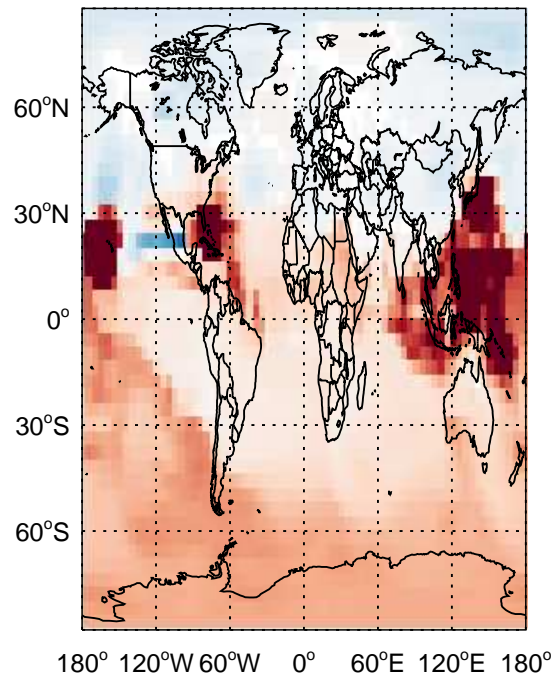
v11-01k-Run0 / v11-01g-Run0
IEPOX/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
IEPOX / Ratio @ Surface for Jul

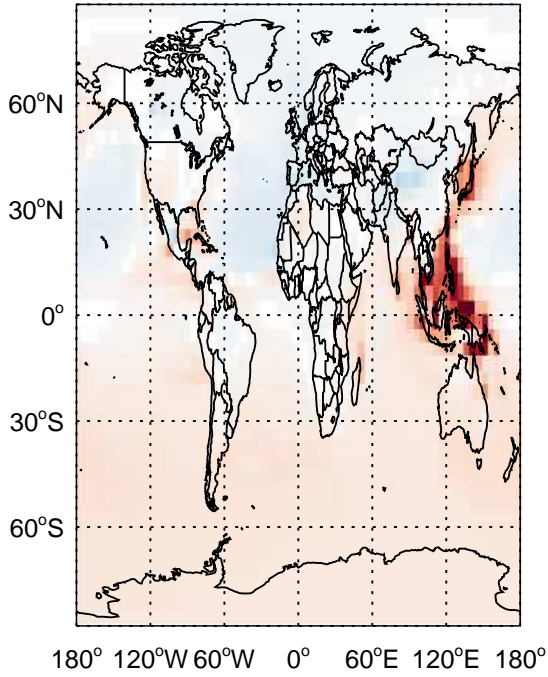


v11-01k-Run0 / v11-01f-geosfp-Run0
IEPOX/ Ratio @ 500 hPa for Jul

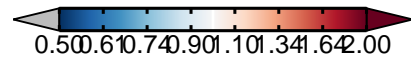
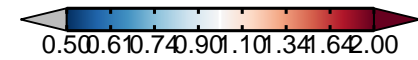
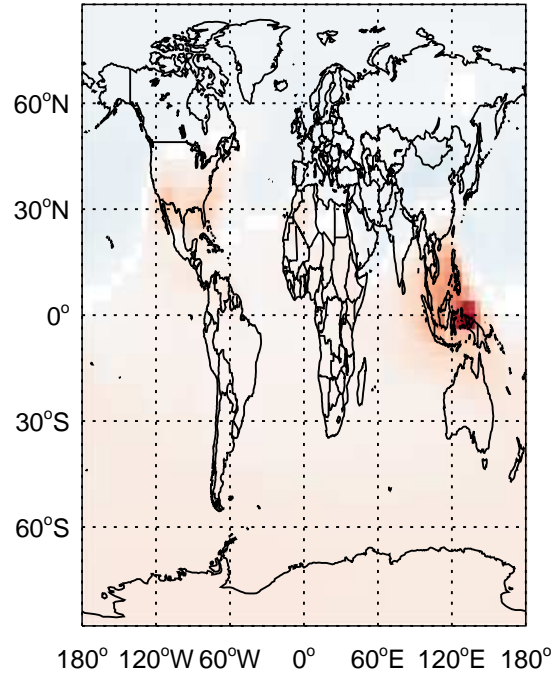


GEOS-Chem Ratio Maps at surface and 500 hPa

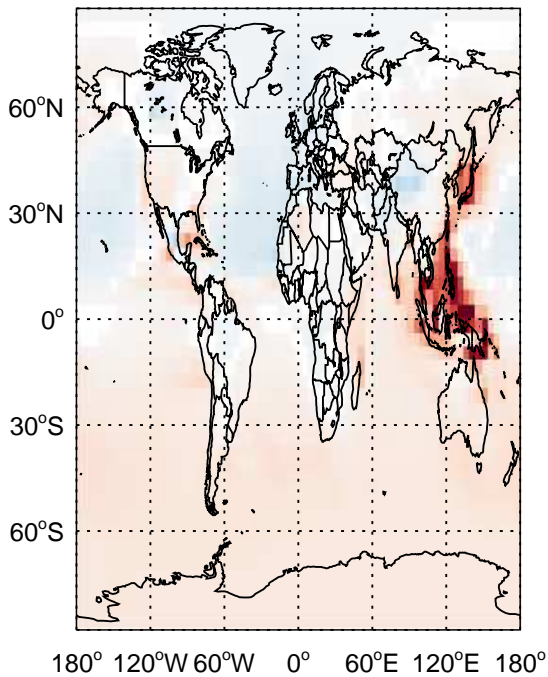
v11-01k-Run0 / v11-01g-Run0
MAP / Ratio @ Surface for Jul



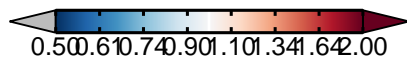
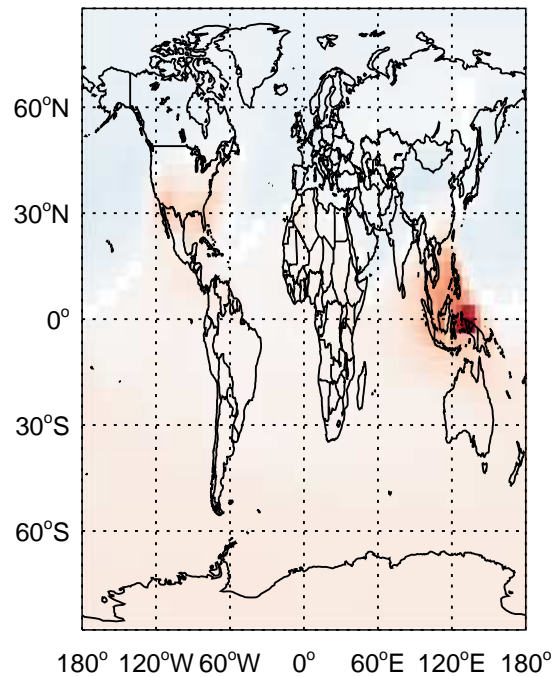
v11-01k-Run0 / v11-01g-Run0
MAP / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
MAP / Ratio @ Surface for Jul

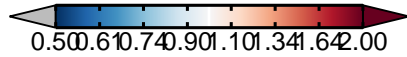
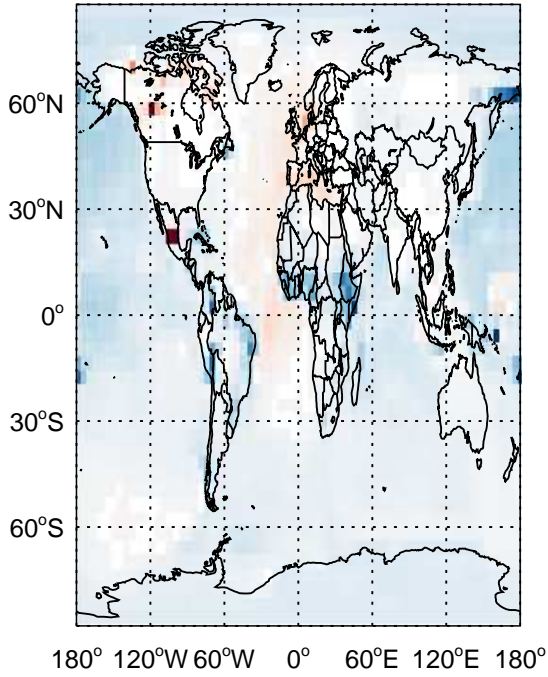


v11-01k-Run0 / v11-01f-geosfp-Run0
MAP / Ratio @ 500 hPa for Jul

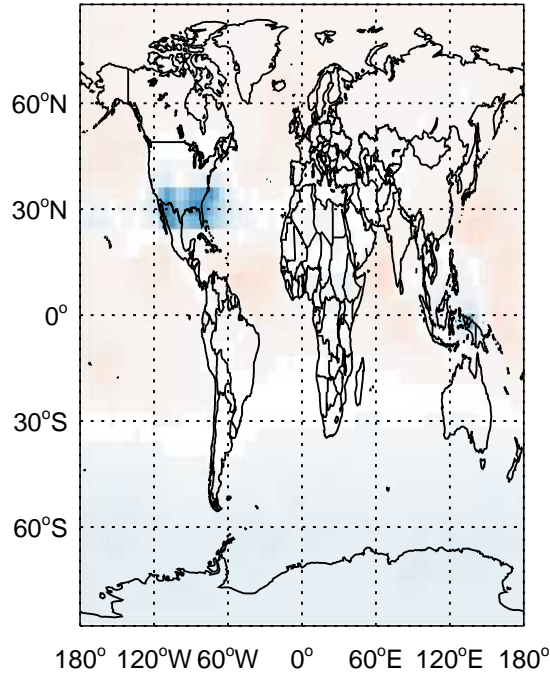


GEOS-Chem Ratio Maps at surface and 500 hPa

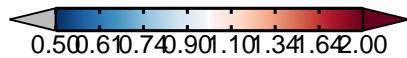
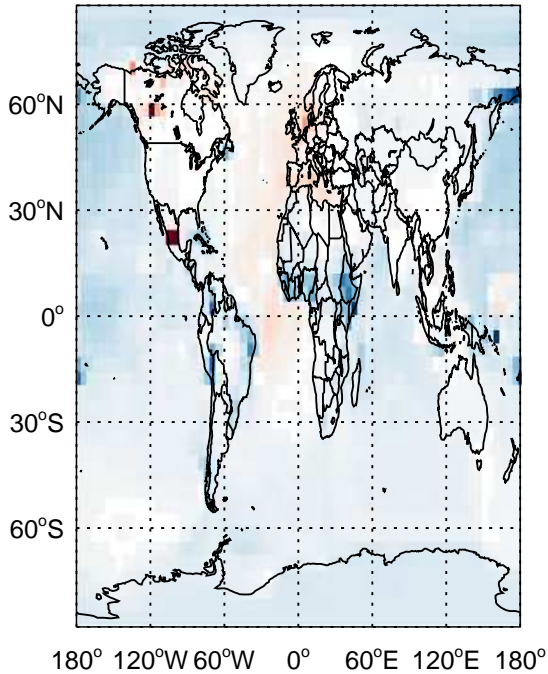
v11-01k-Run0 / v11-01g-Run0
NO₂ / Ratio @ Surface for Jul



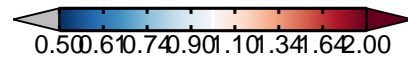
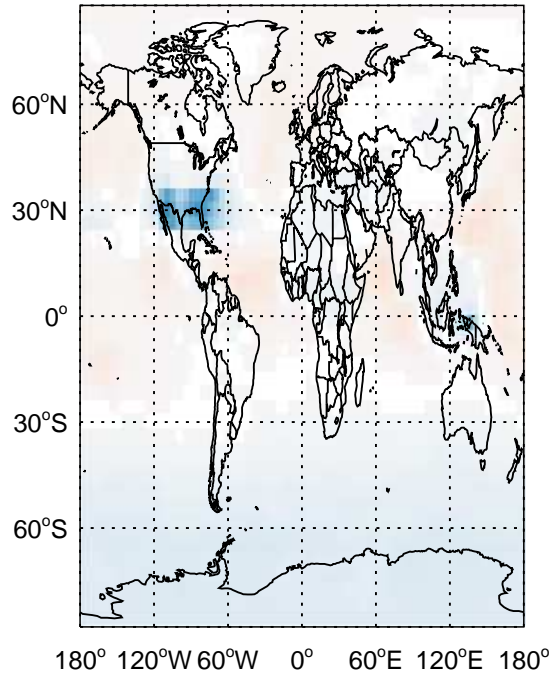
v11-01k-Run0 / v11-01g-Run0
NO₂ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
NO₂ / Ratio @ Surface for Jul

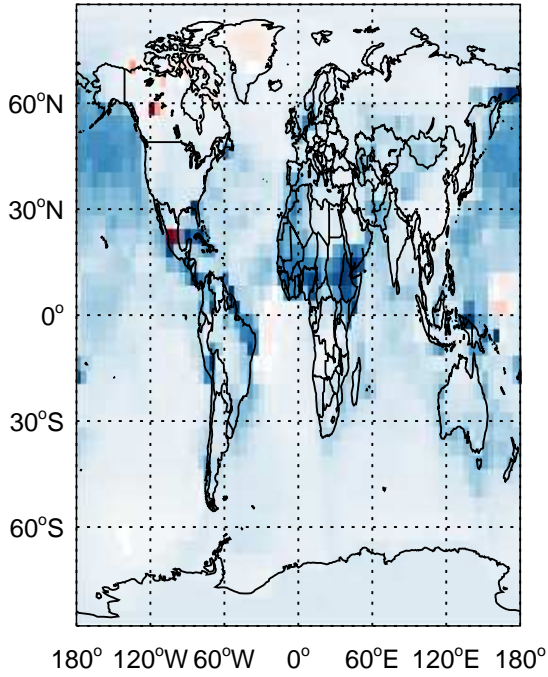


v11-01k-Run0 / v11-01f-geosfp-Run0
NO₂ / Ratio @ 500 hPa for Jul

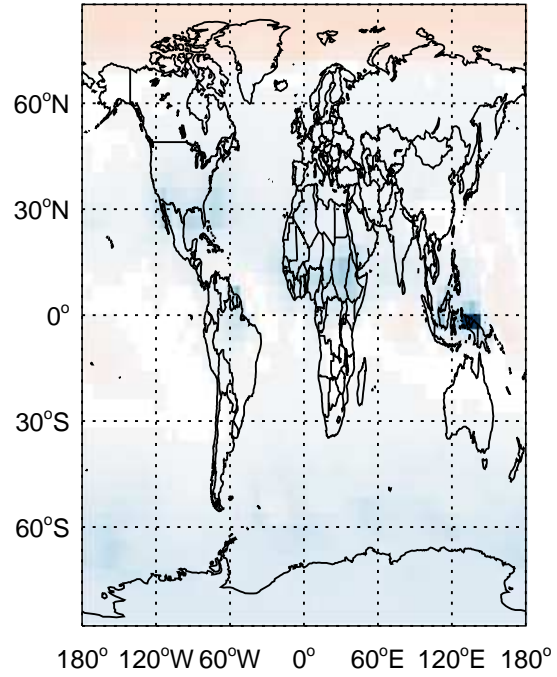


GEOS-Chem Ratio Maps at surface and 500 hPa

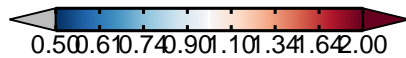
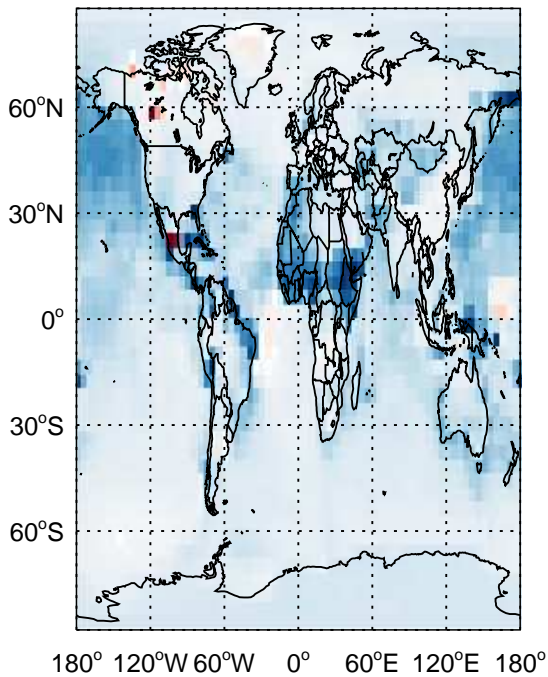
v11-01k-Run0 / v11-01g-Run0
NO3 / Ratio @ Surface for Jul



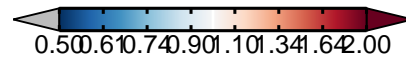
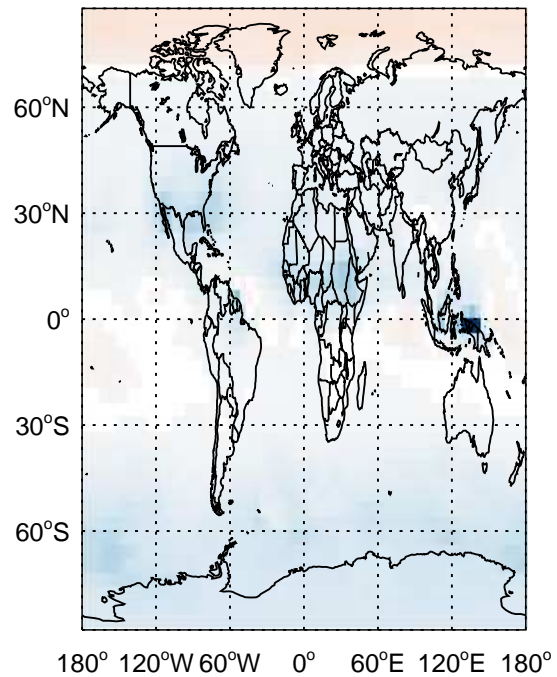
v11-01k-Run0 / v11-01g-Run0
NO3/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
NO3 / Ratio @ Surface for Jul

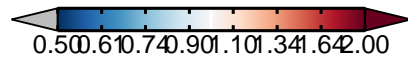
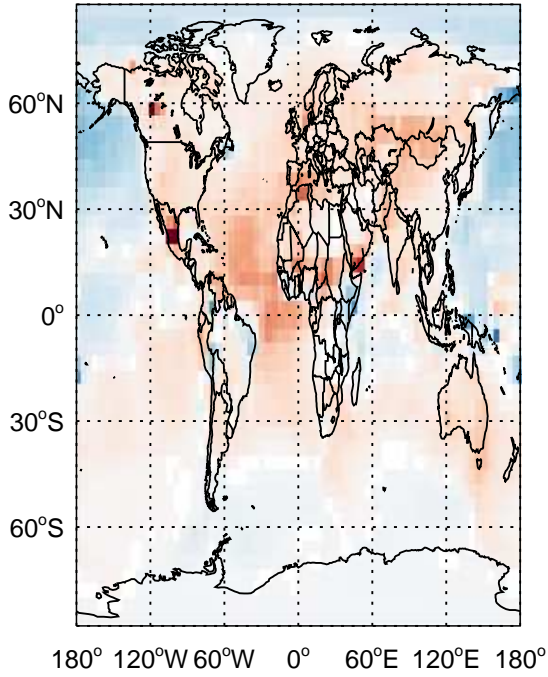


v11-01k-Run0 / v11-01f-geosfp-Run0
NO3/ Ratio @ 500 hPa for Jul

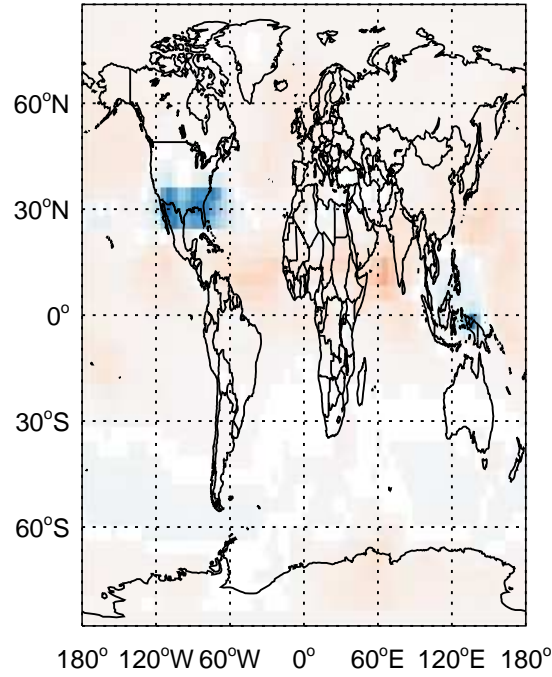


GEOS-Chem Ratio Maps at surface and 500 hPa

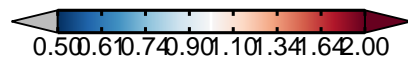
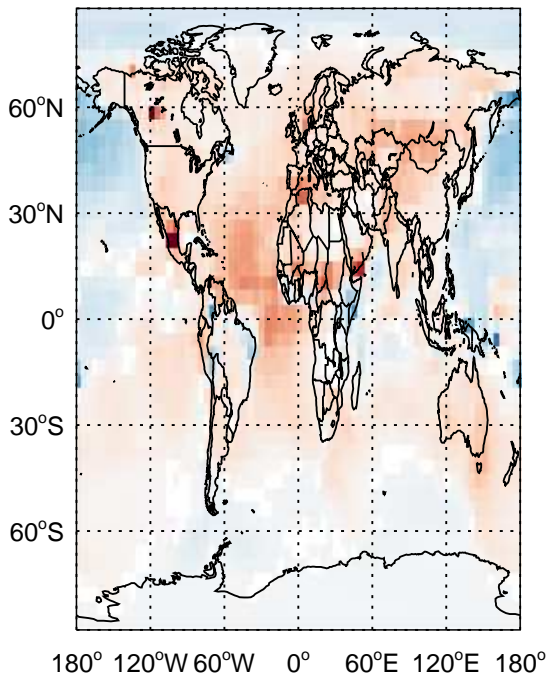
v11-01k-Run0 / v11-01g-Run0
HNO₂ / Ratio @ Surface for Jul



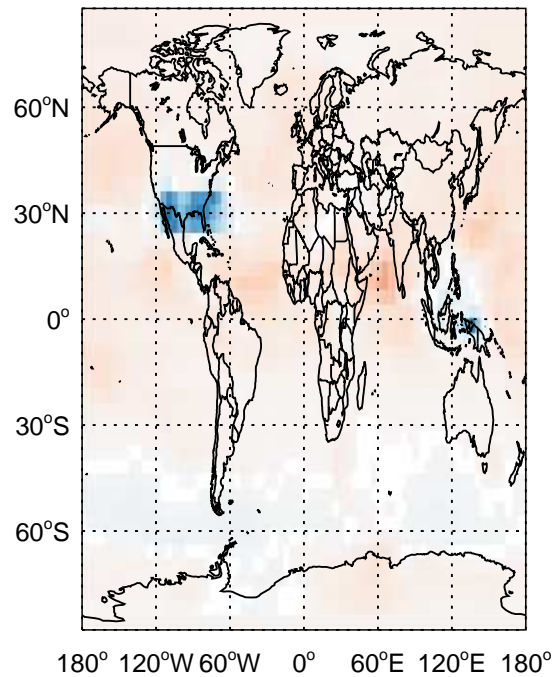
v11-01k-Run0 / v11-01g-Run0
HNO₂ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HNO₂ / Ratio @ Surface for Jul

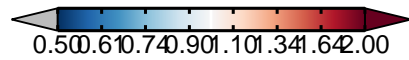
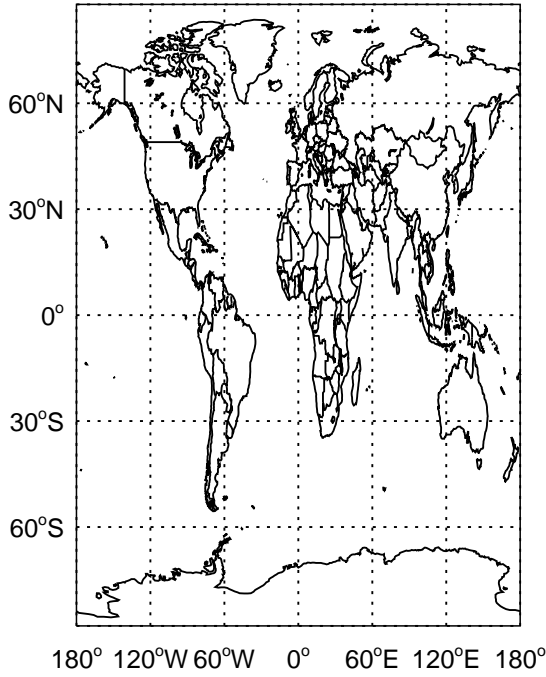


v11-01k-Run0 / v11-01f-geosfp-Run0
HNO₂ / Ratio @ 500 hPa for Jul

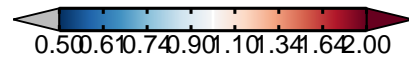
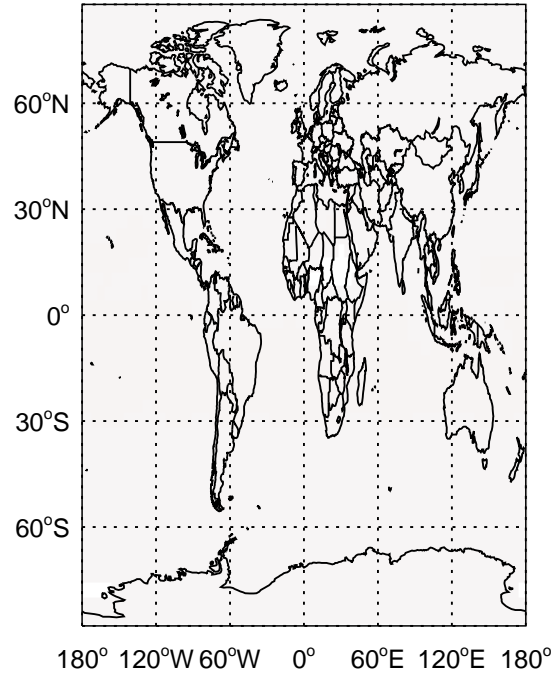


GEOS-Chem Ratio Maps at surface and 500 hPa

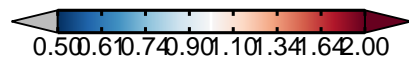
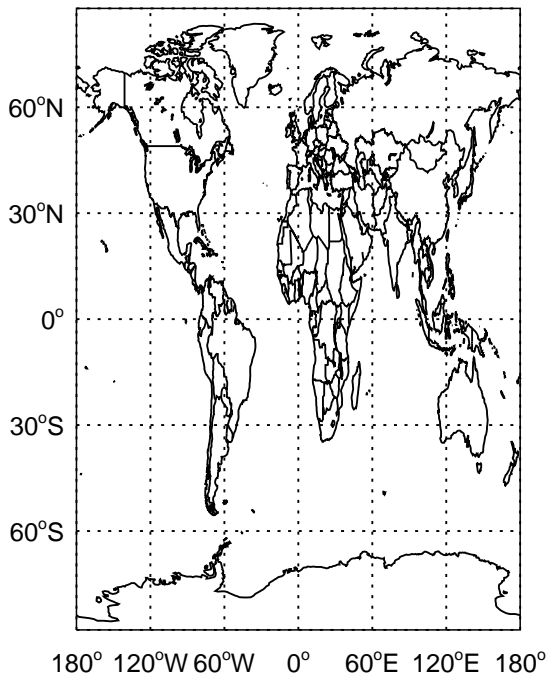
v11-01k-Run0 / v11-01g-Run0
N2O / Ratio @ Surface for Jul



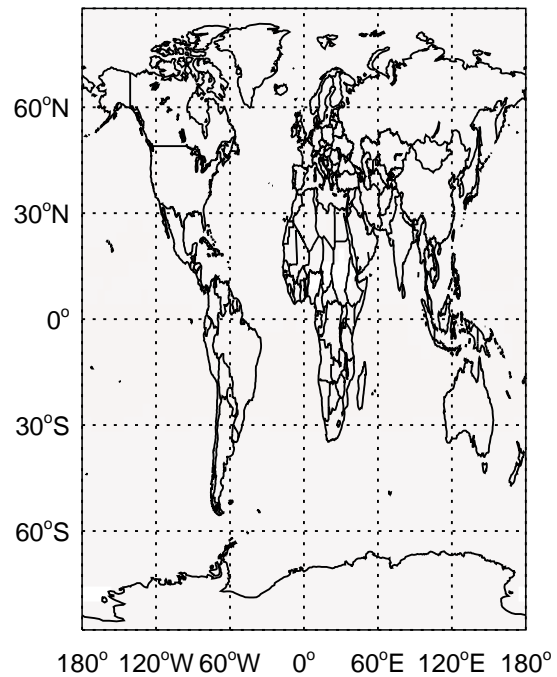
v11-01k-Run0 / v11-01g-Run0
N2O / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
N2O / Ratio @ Surface for Jul

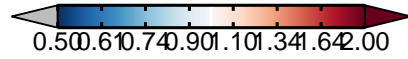
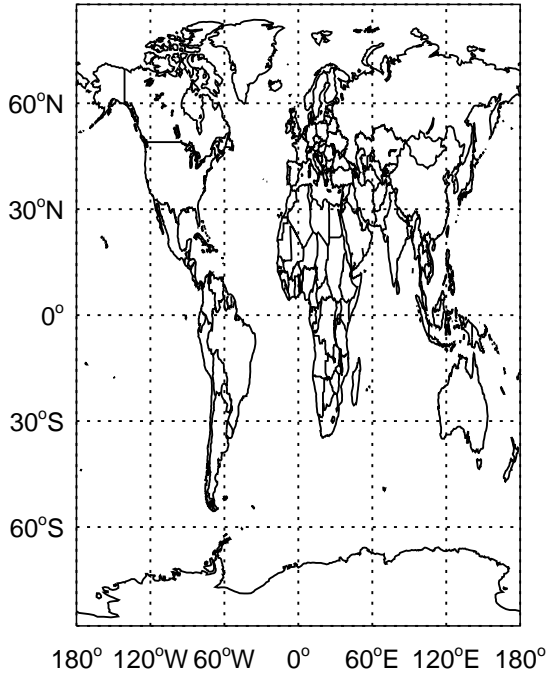


v11-01k-Run0 / v11-01f-geosfp-Run0
N2O / Ratio @ 500 hPa for Jul

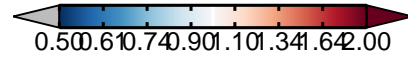
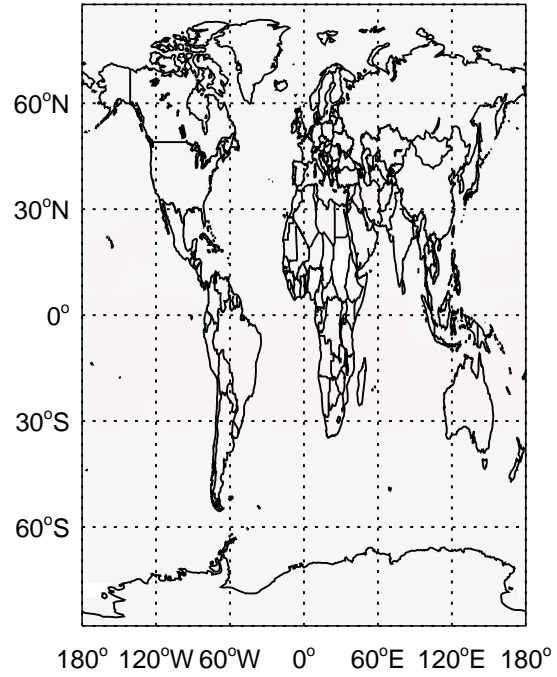


GEOS-Chem Ratio Maps at surface and 500 hPa

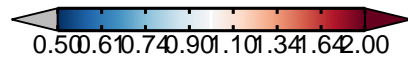
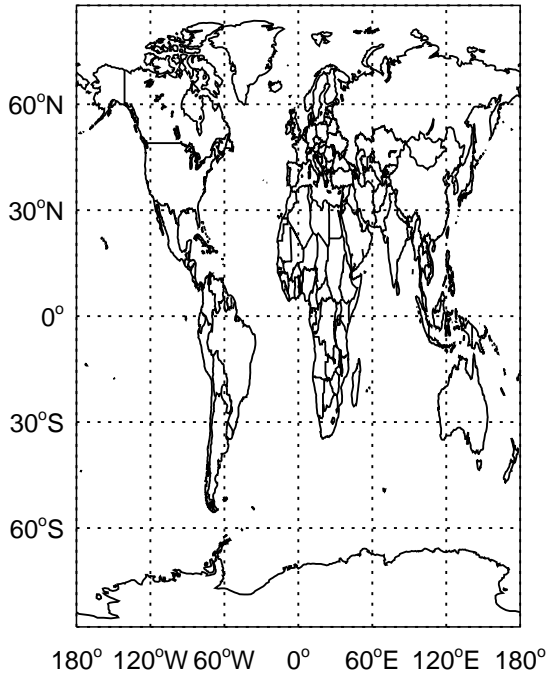
v11-01k-Run0 / v11-01g-Run0
OCS / Ratio @ Surface for Jul



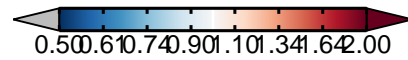
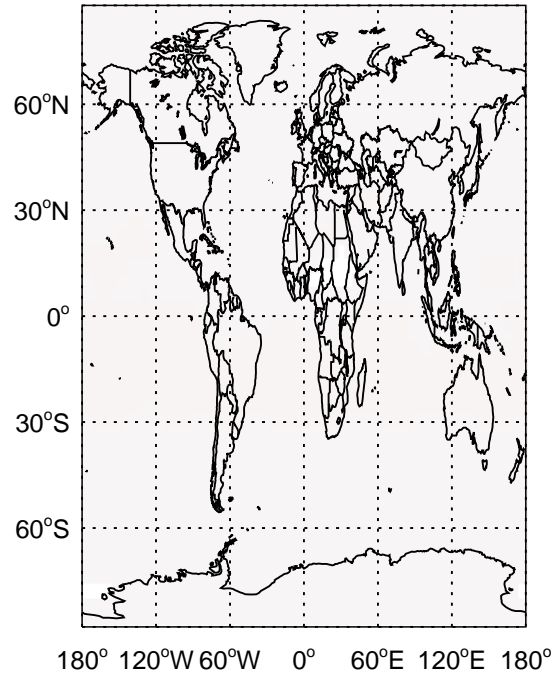
v11-01k-Run0 / v11-01g-Run0
OCS/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
OCS / Ratio @ Surface for Jul

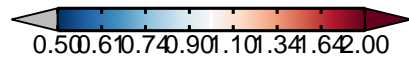
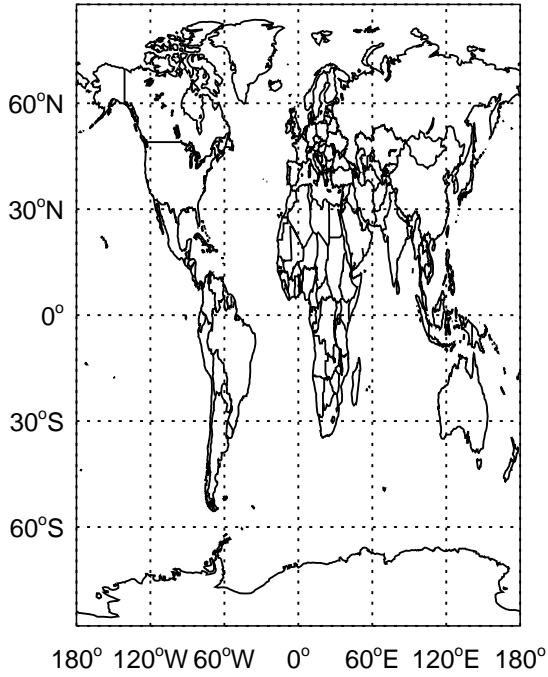


v11-01k-Run0 / v11-01f-geosfp-Run0
OCS/ Ratio @ 500 hPa for Jul

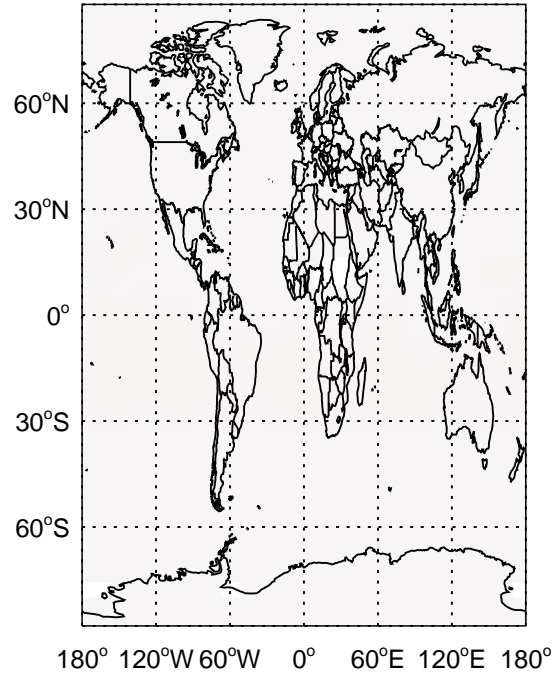


GEOS-Chem Ratio Maps at surface and 500 hPa

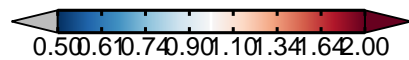
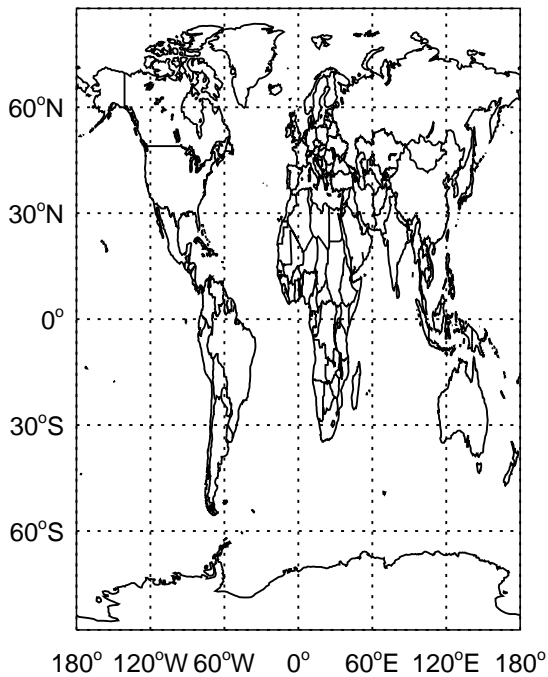
v11-01k-Run0 / v11-01g-Run0
CH4 / Ratio @ Surface for Jul



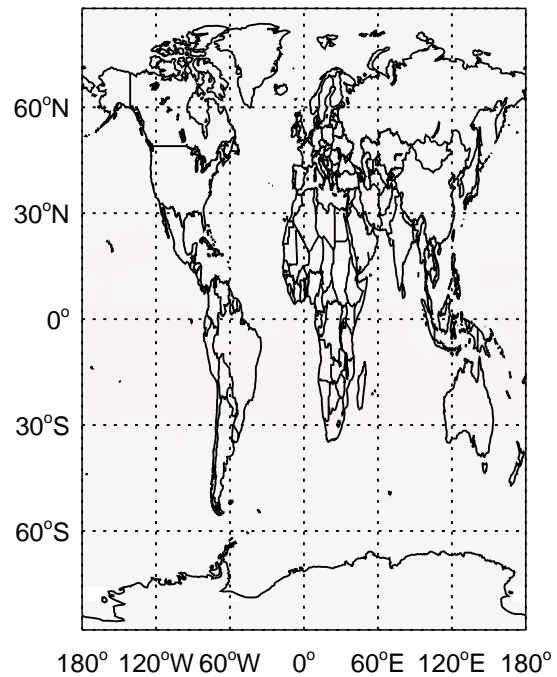
v11-01k-Run0 / v11-01g-Run0
CH4/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CH4 / Ratio @ Surface for Jul

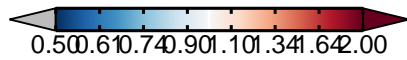
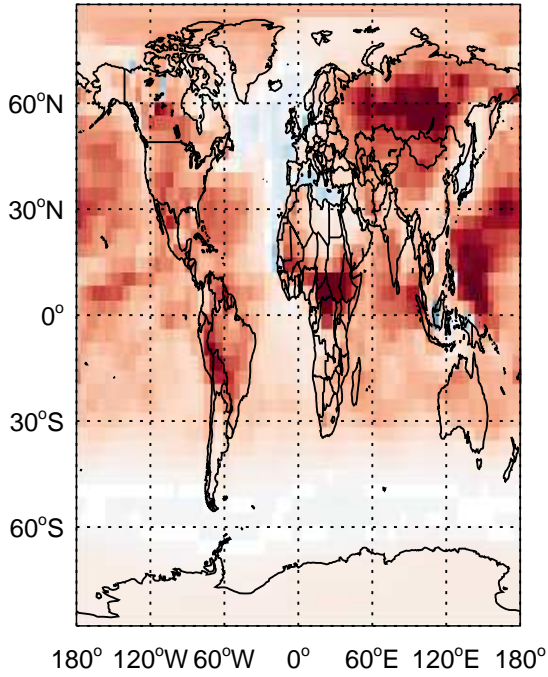


v11-01k-Run0 / v11-01f-geosfp-Run0
CH4/ Ratio @ 500 hPa for Jul

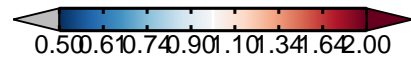
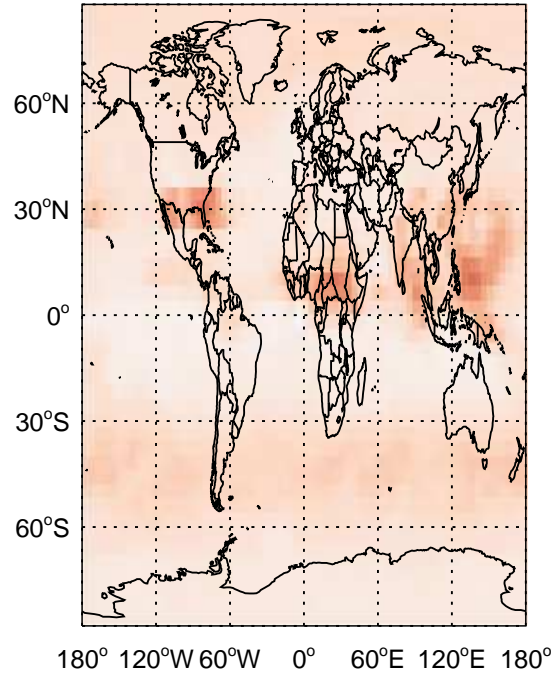


GEOS-Chem Ratio Maps at surface and 500 hPa

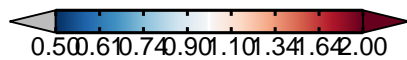
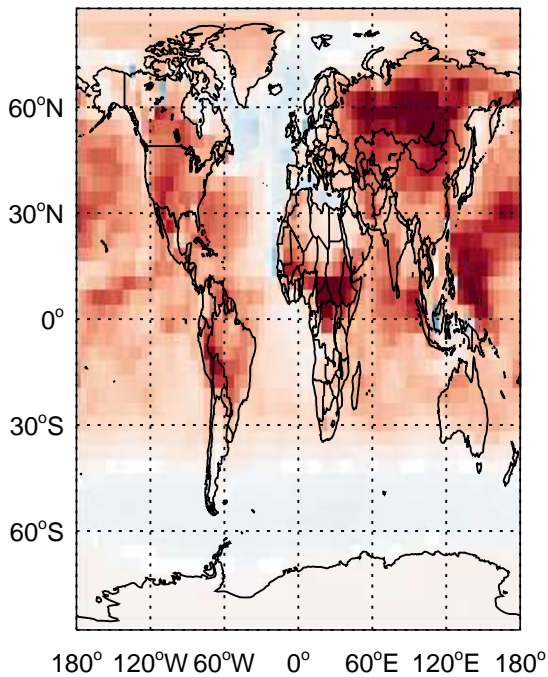
v11-01k-Run0 / v11-01g-Run0
BrCl / Ratio @ Surface for Jul



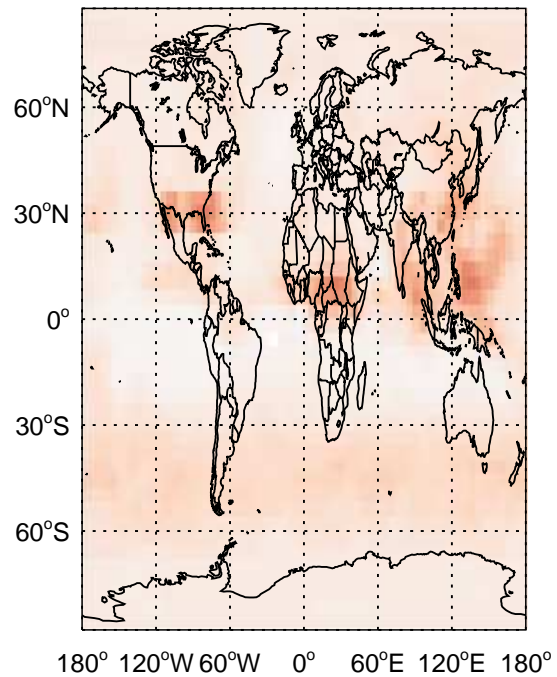
v11-01k-Run0 / v11-01g-Run0
BrCl / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
BrCl / Ratio @ Surface for Jul

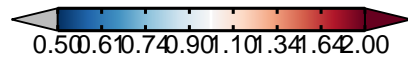
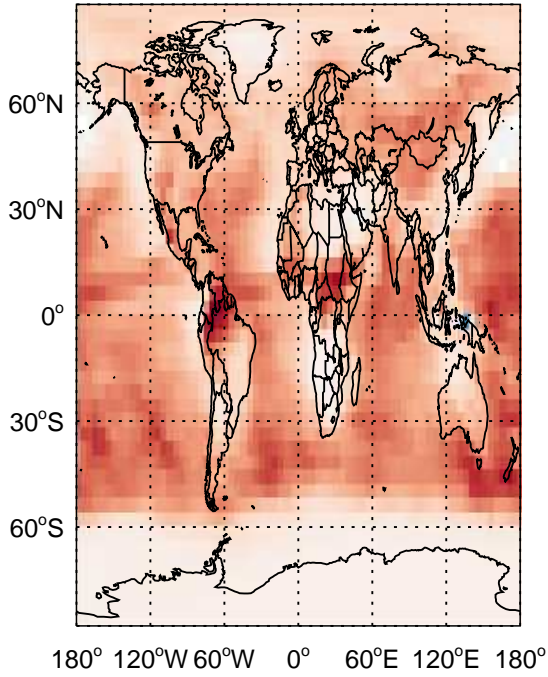


v11-01k-Run0 / v11-01f-geosp-Run0
BrCl / Ratio @ 500 hPa for Jul

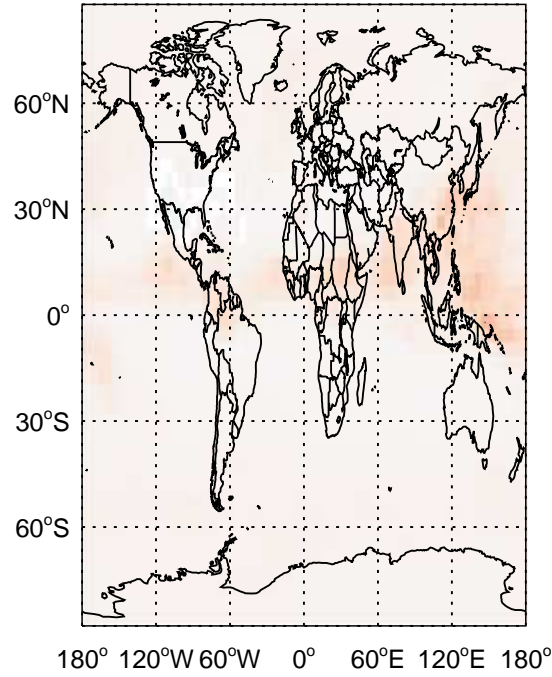


GEOS-Chem Ratio Maps at surface and 500 hPa

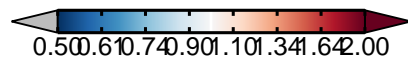
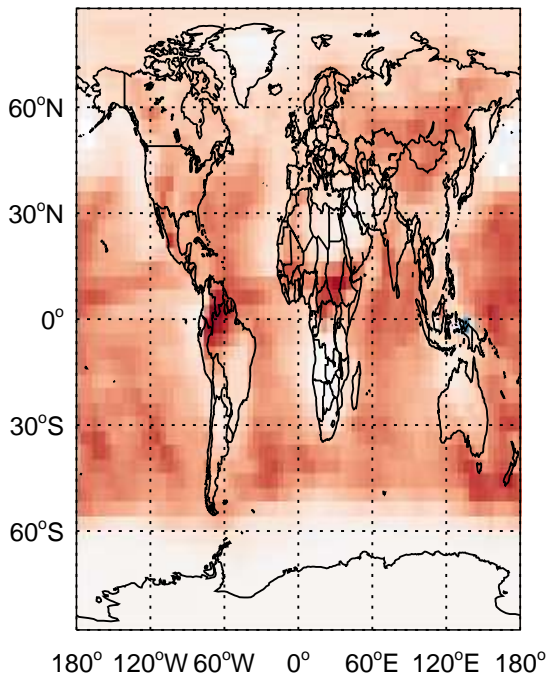
v11-01k-Run0 / v11-01g-Run0
HCl / Ratio @ Surface for Jul



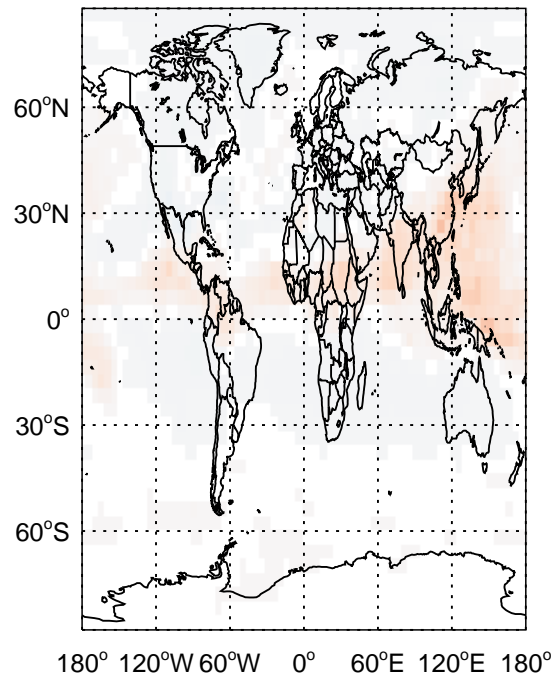
v11-01k-Run0 / v11-01g-Run0
HCl / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HCl / Ratio @ Surface for Jul

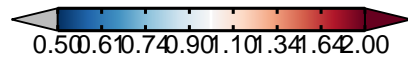
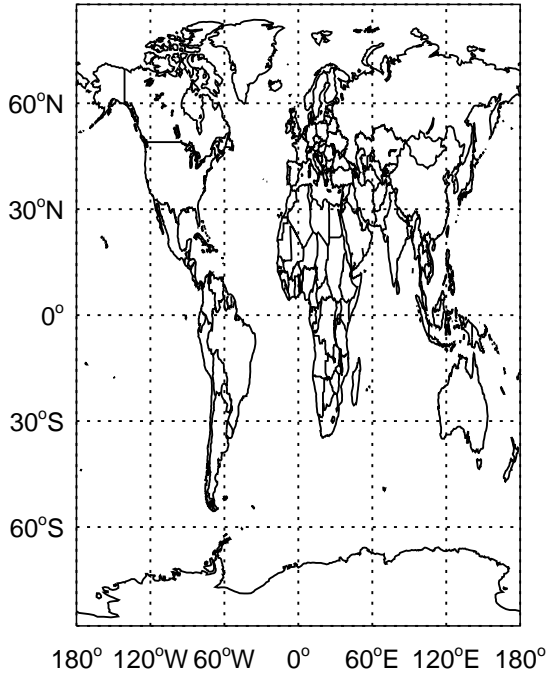


v11-01k-Run0 / v11-01f-geosfp-Run0
HCl / Ratio @ 500 hPa for Jul

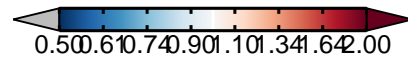
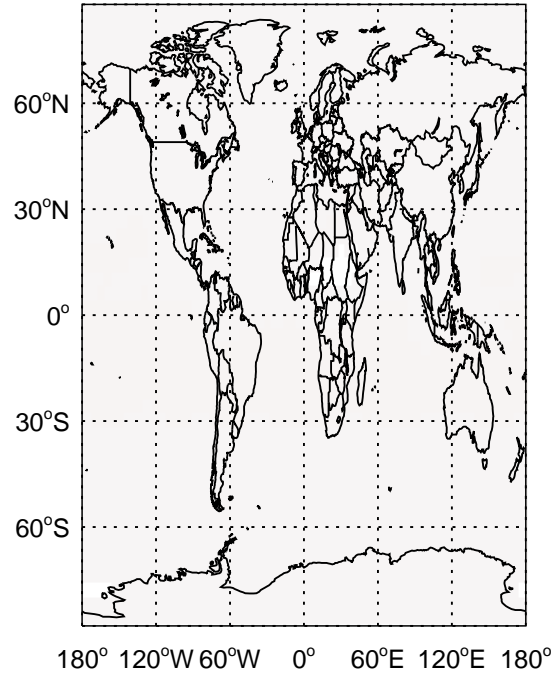


GEOS-Chem Ratio Maps at surface and 500 hPa

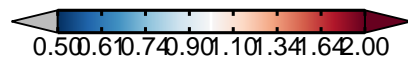
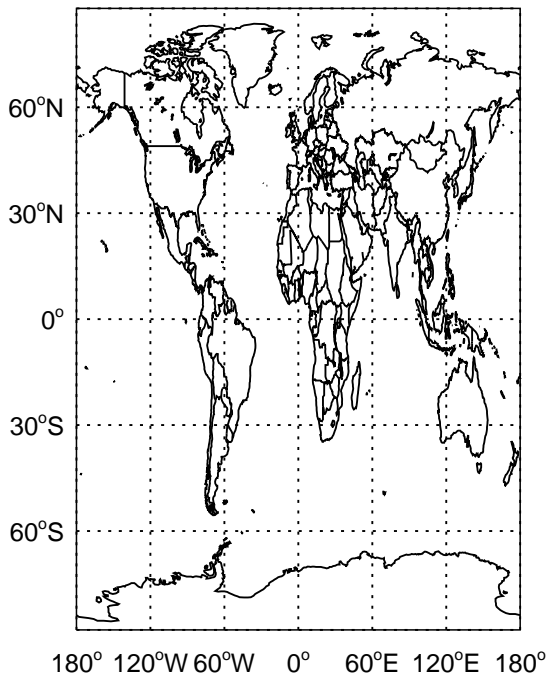
v11-01k-Run0 / v11-01g-Run0
CCI4 / Ratio @ Surface for Jul



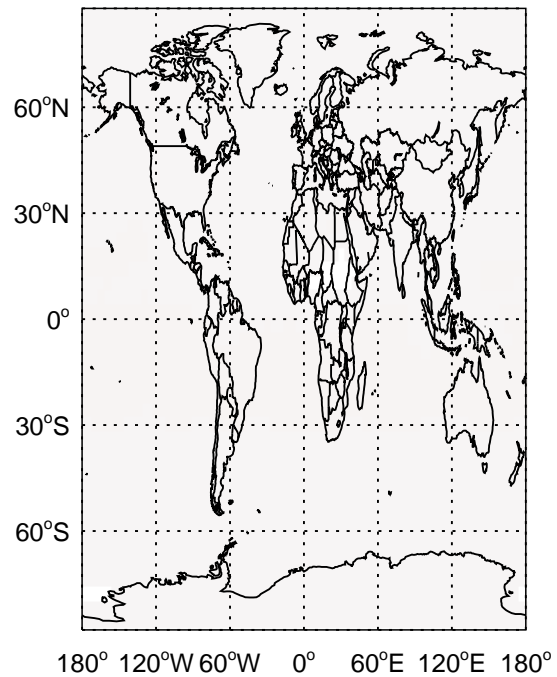
v11-01k-Run0 / v11-01g-Run0
CCI4/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CCI4 / Ratio @ Surface for Jul

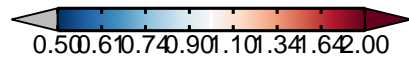
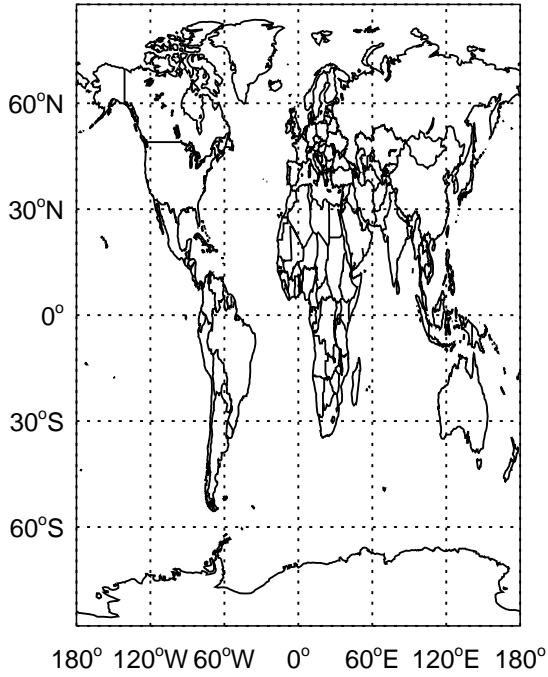


v11-01k-Run0 / v11-01f-geosfp-Run0
CCI4/ Ratio @ 500 hPa for Jul

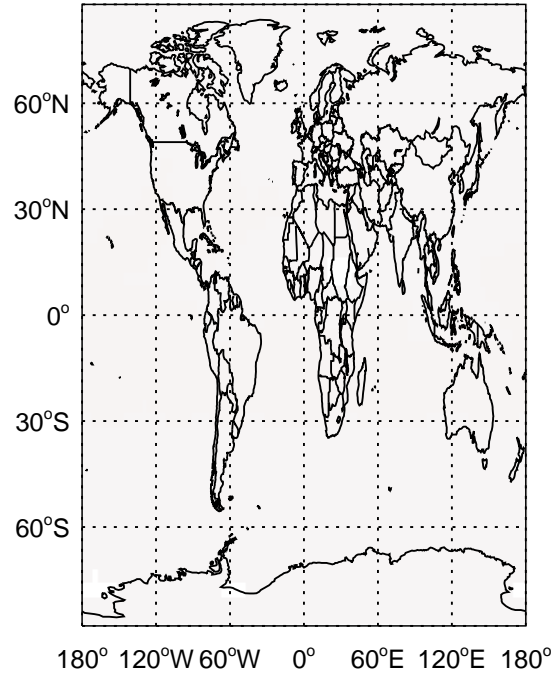


GEOS-Chem Ratio Maps at surface and 500 hPa

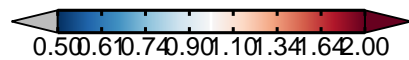
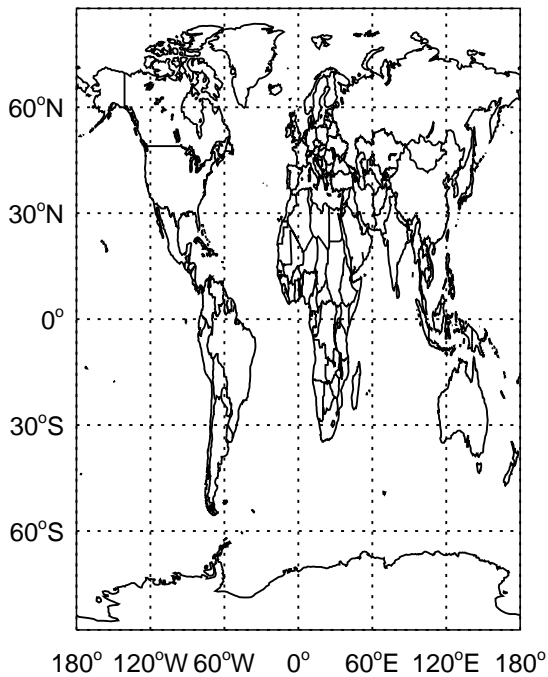
v11-01k-Run0 / v11-01g-Run0
CH3Cl / Ratio @ Surface for Jul



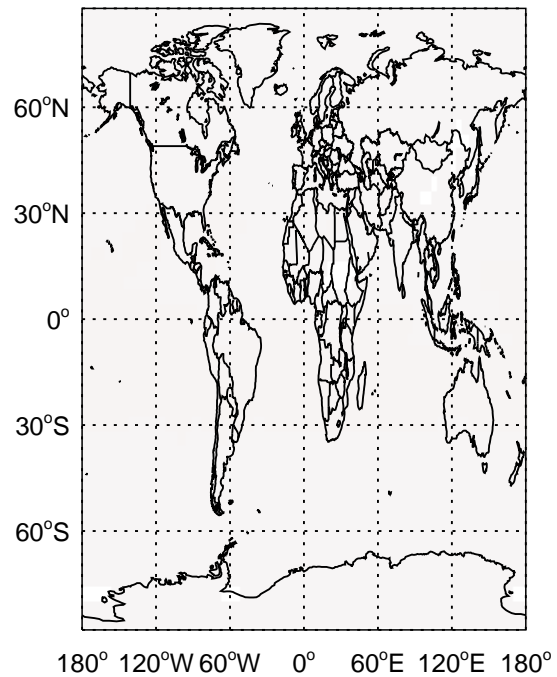
v11-01k-Run0 / v11-01g-Run0
CH3Cl / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CH3Cl / Ratio @ Surface for Jul

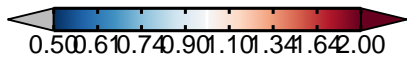
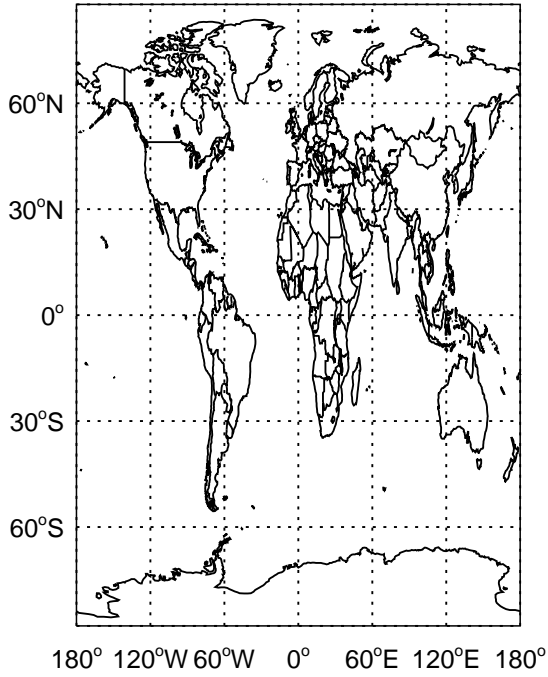


v11-01k-Run0 / v11-01f-geosfp-Run0
CH3Cl / Ratio @ 500 hPa for Jul

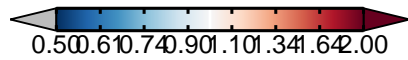
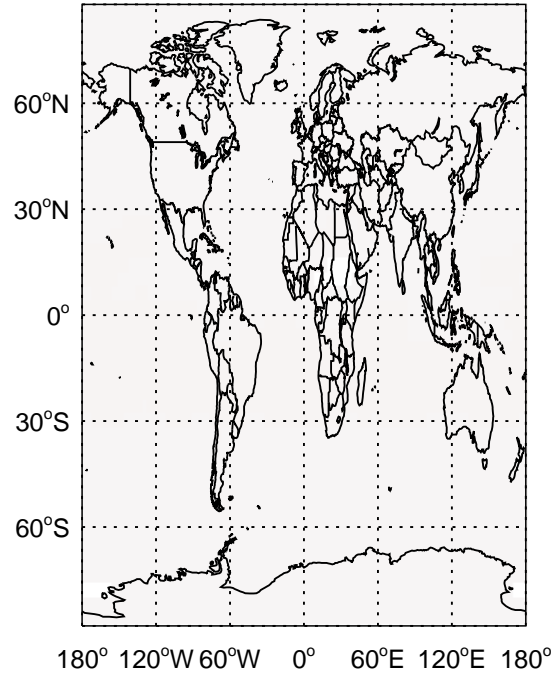


GEOS-Chem Ratio Maps at surface and 500 hPa

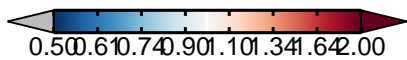
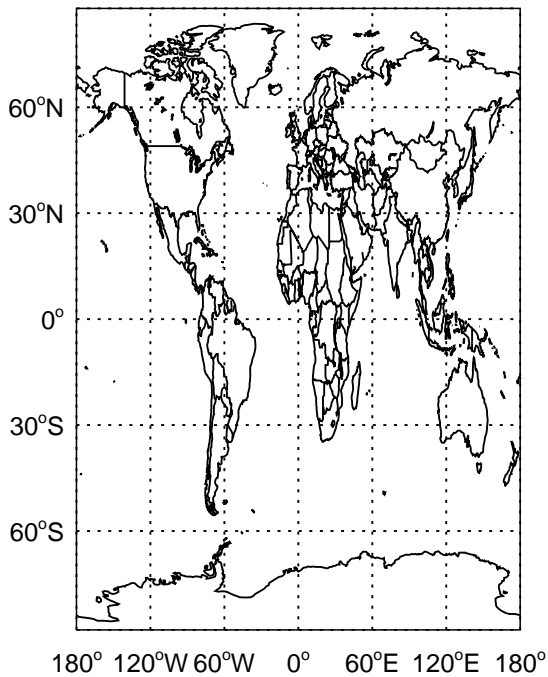
v11-01k-Run0 / v11-01g-Run0
CH3CCI3 / Ratio @ Surface for Jul



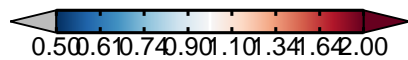
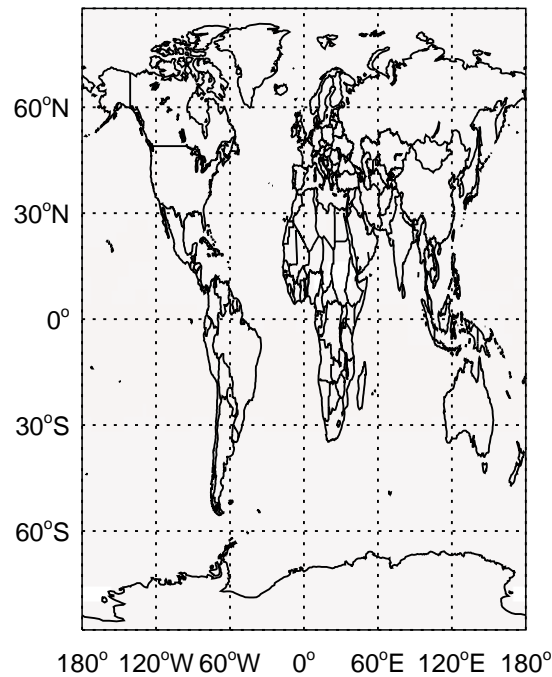
v11-01k-Run0 / v11-01g-Run0
CH3CCI3/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CH3CCI3 / Ratio @ Surface for Jul

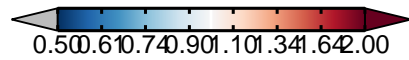
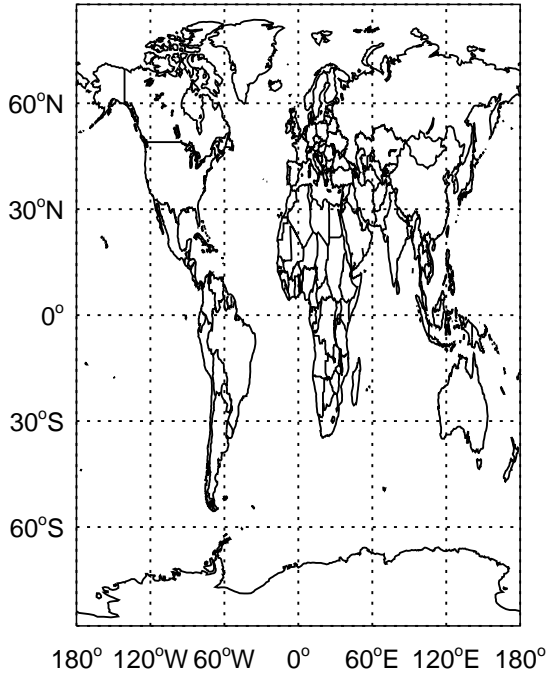


v11-01k-Run0 / v11-01f-geosfp-Run0
CH3CCI3/ Ratio @ 500 hPa for Jul

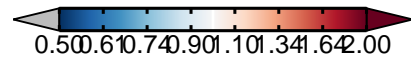
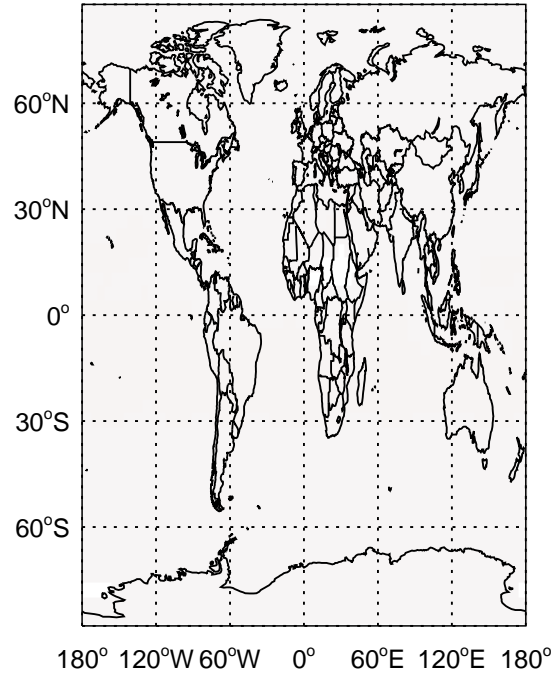


GEOS-Chem Ratio Maps at surface and 500 hPa

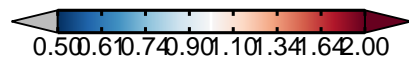
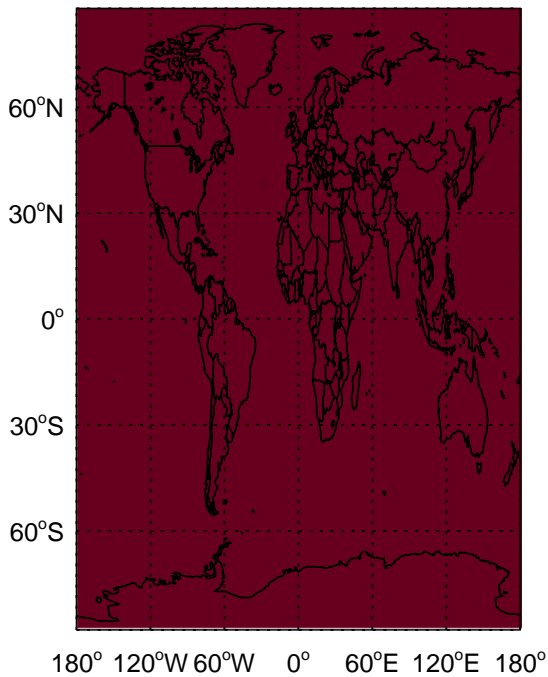
v11-01k-Run0 / v11-01g-Run0
CFC113 / Ratio @ Surface for Jul



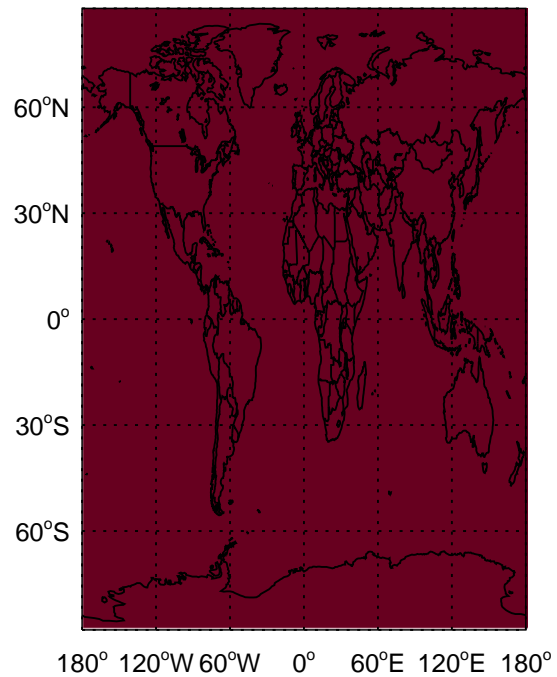
v11-01k-Run0 / v11-01g-Run0
CFC113/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CFC113 / Ratio @ Surface for Jul

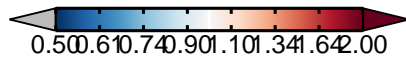
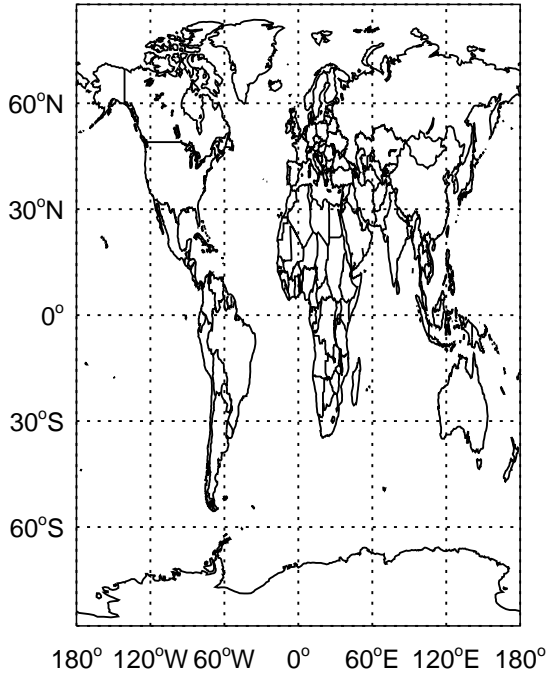


v11-01k-Run0 / v11-01f-geosfp-Run0
CFC113/ Ratio @ 500 hPa for Jul

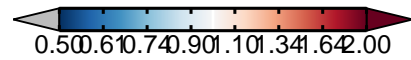
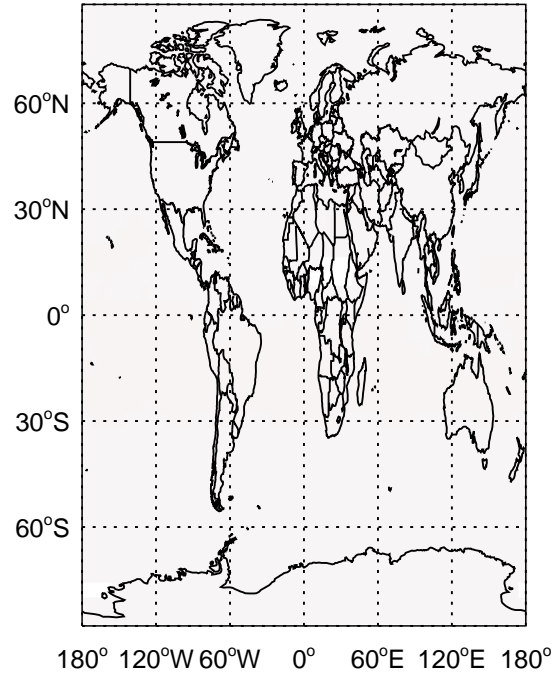


GEOS-Chem Ratio Maps at surface and 500 hPa

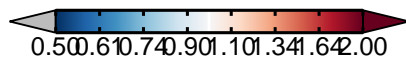
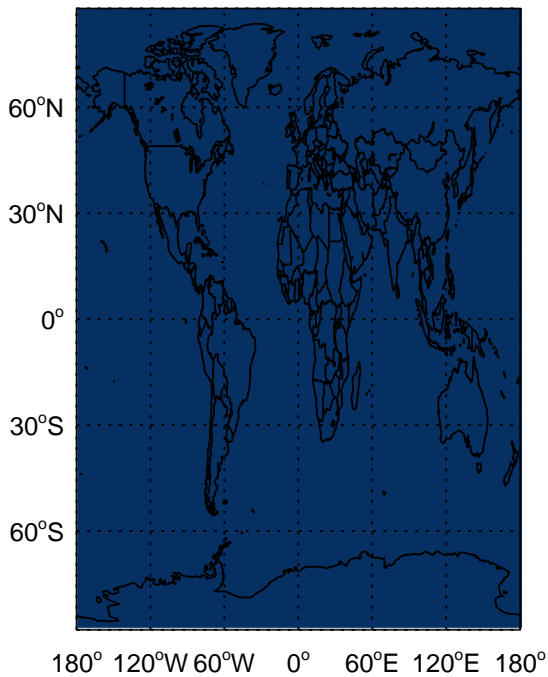
v11-01k-Run0 / v11-01g-Run0
CFC114 / Ratio @ Surface for Jul



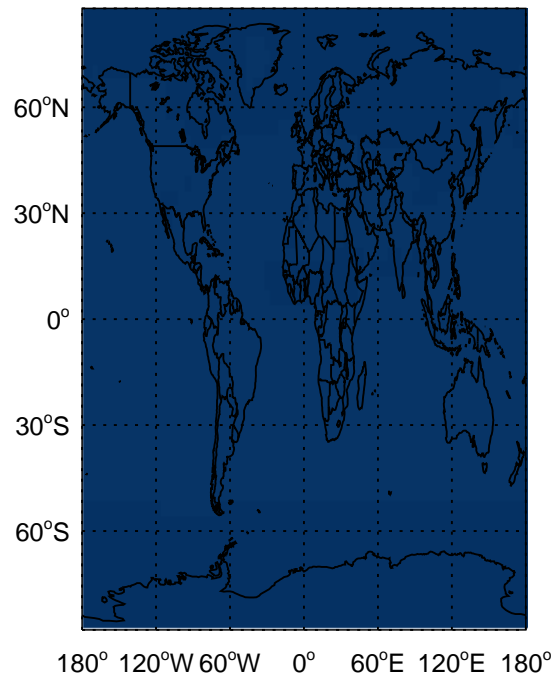
v11-01k-Run0 / v11-01g-Run0
CFC114/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CFC114 / Ratio @ Surface for Jul

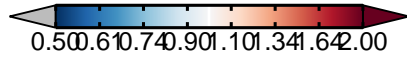
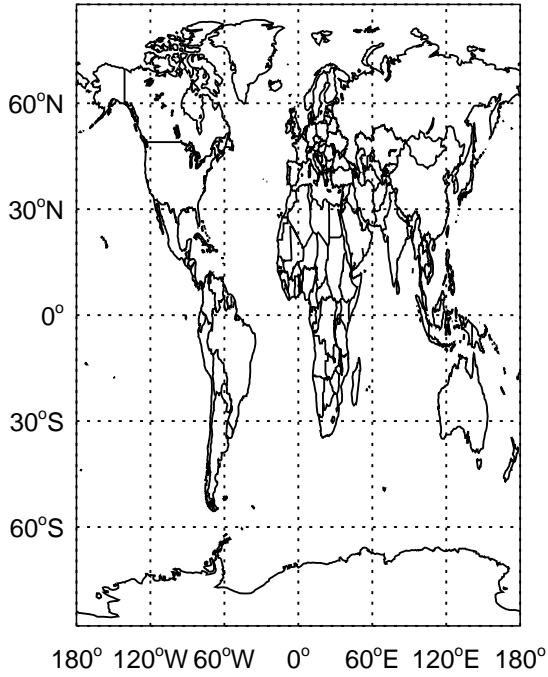


v11-01k-Run0 / v11-01f-geosfp-Run0
CFC114/ Ratio @ 500 hPa for Jul

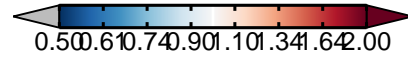
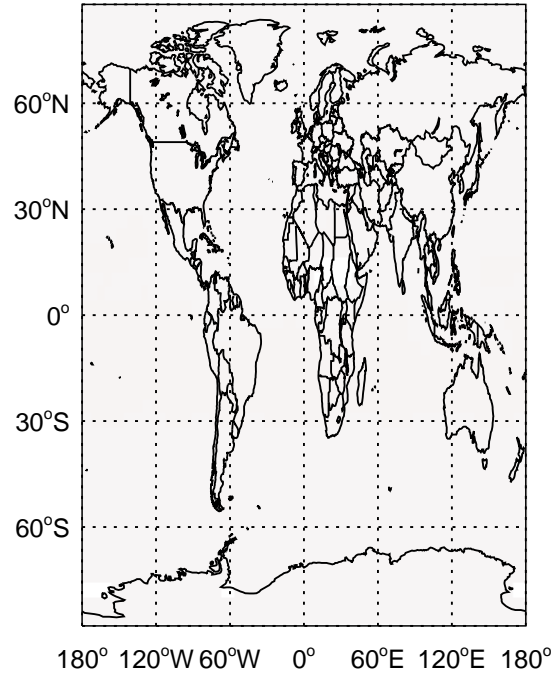


GEOS-Chem Ratio Maps at surface and 500 hPa

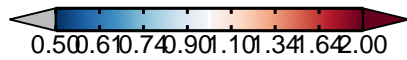
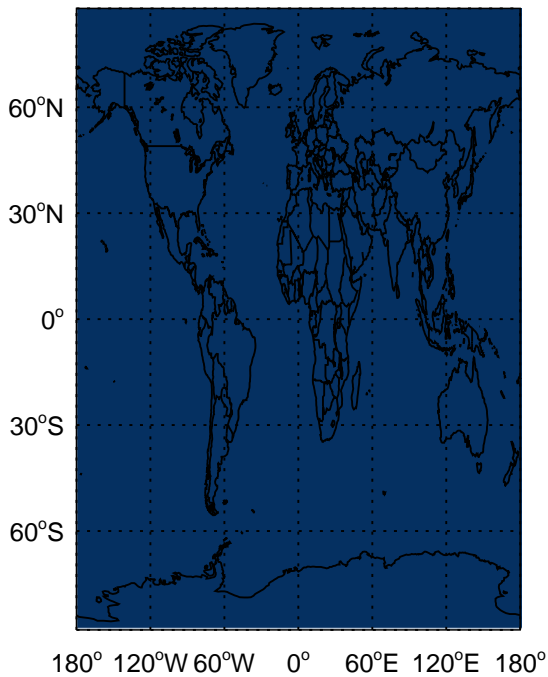
v11-01k-Run0 / v11-01g-Run0
CFC115 / Ratio @ Surface for Jul



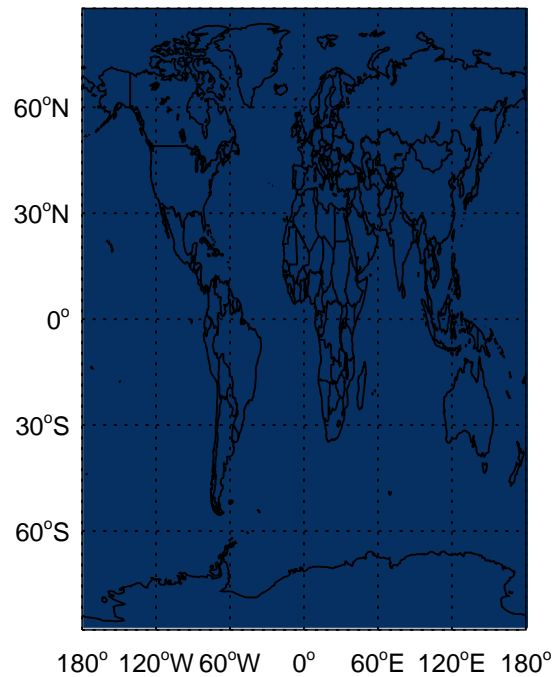
v11-01k-Run0 / v11-01g-Run0
CFC115/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CFC115 / Ratio @ Surface for Jul

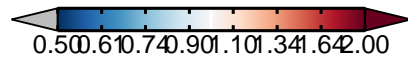
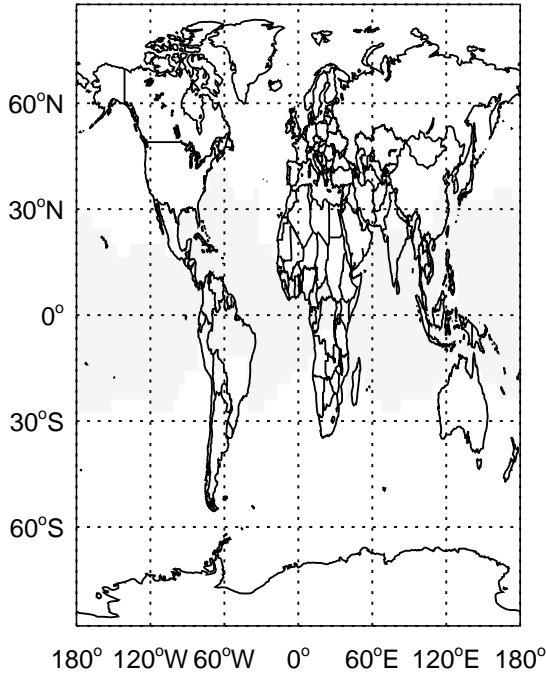


v11-01k-Run0 / v11-01f-geosfp-Run0
CFC115/ Ratio @ 500 hPa for Jul

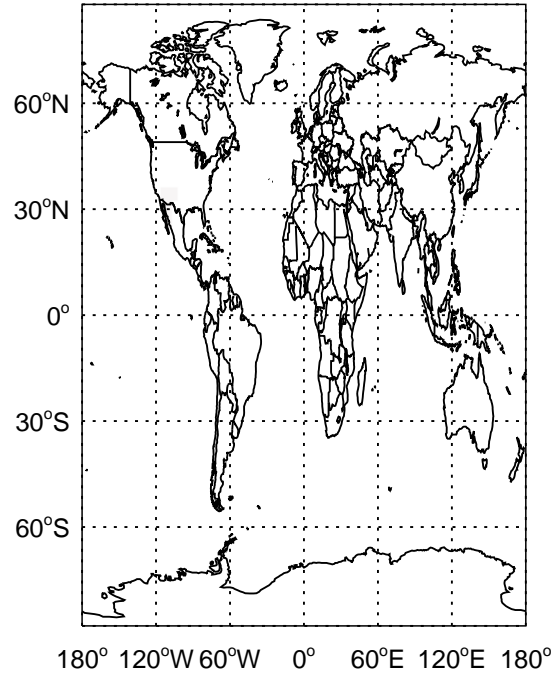


GEOS-Chem Ratio Maps at surface and 500 hPa

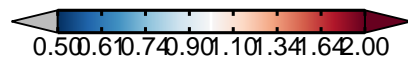
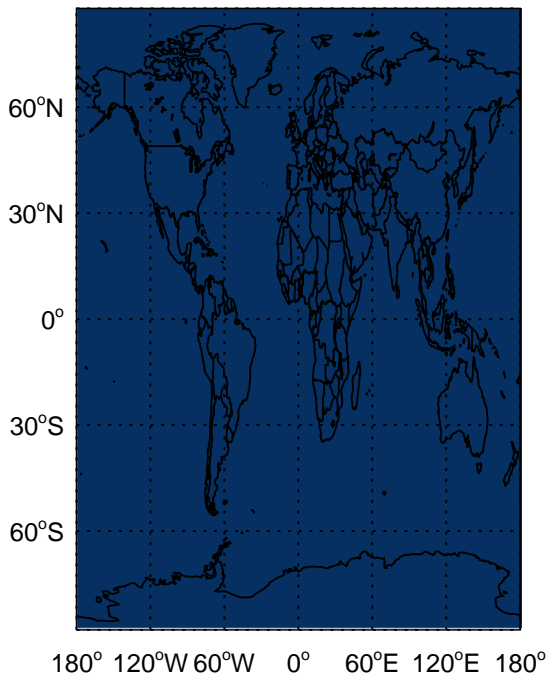
v11-01k-Run0 / v11-01g-Run0
HCFC123 / Ratio @ Surface for Jul



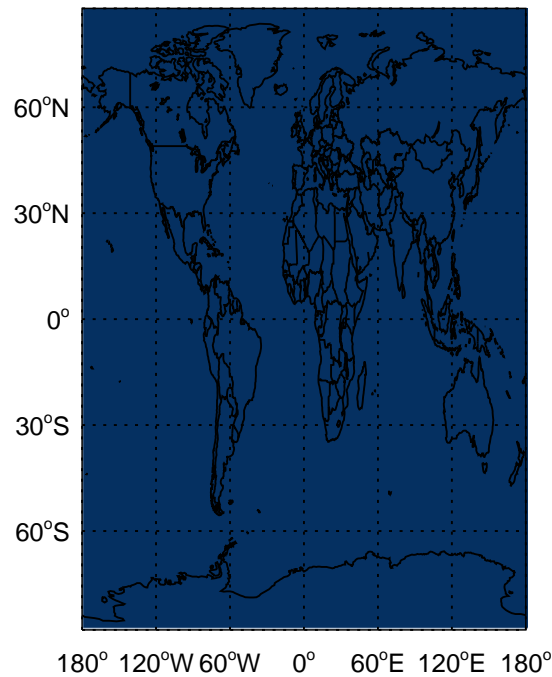
v11-01k-Run0 / v11-01g-Run0
HCFC123/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC123 / Ratio @ Surface for Jul

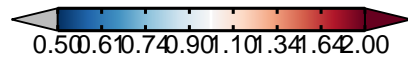
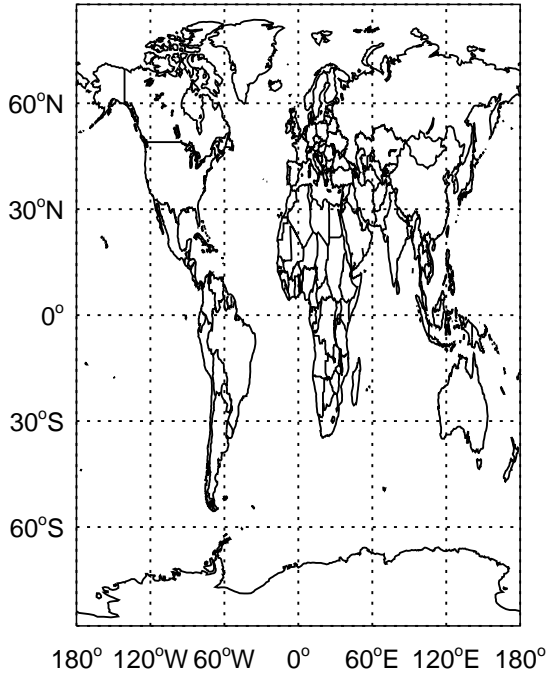


v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC123/ Ratio @ 500 hPa for Jul

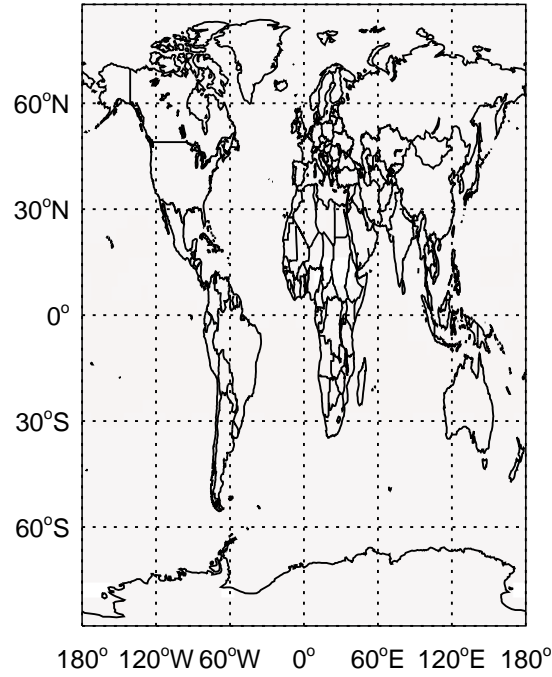


GEOS-Chem Ratio Maps at surface and 500 hPa

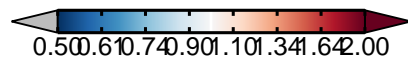
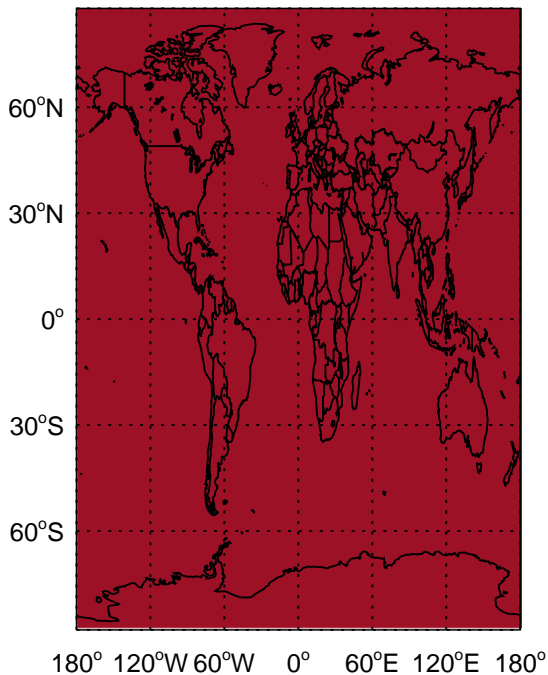
v11-01k-Run0 / v11-01g-Run0
HCFC141b / Ratio @ Surface for Jul



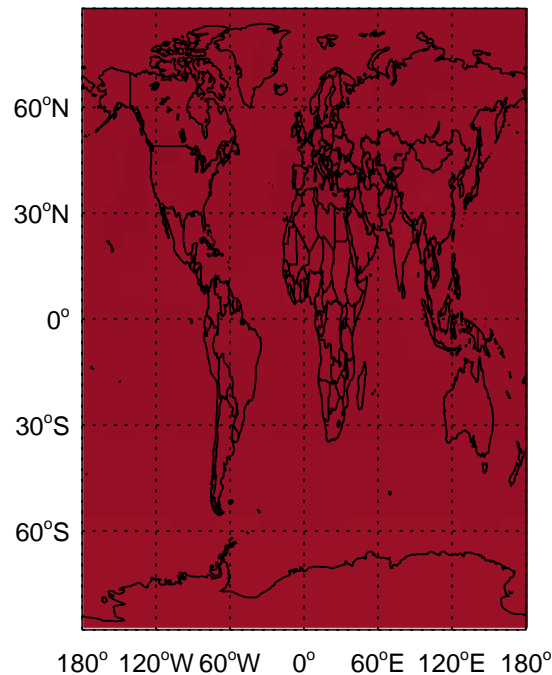
v11-01k-Run0 / v11-01g-Run0
HCFC141b/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC141b / Ratio @ Surface for Jul

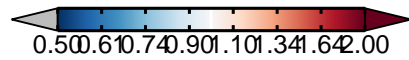
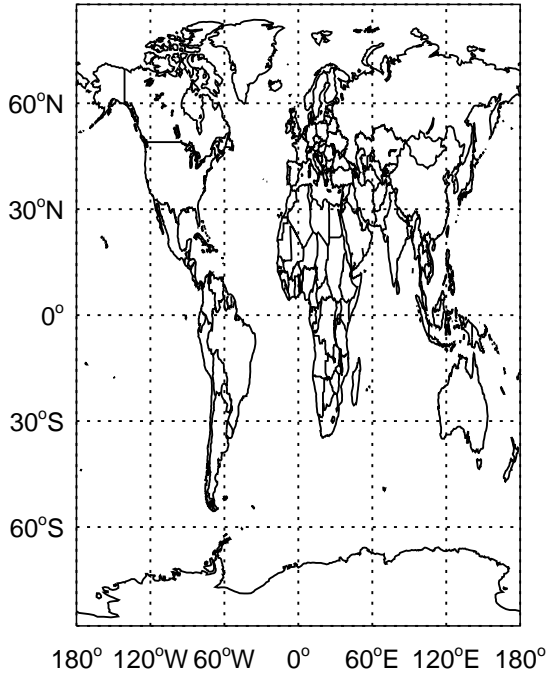


v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC141b/ Ratio @ 500 hPa for Jul

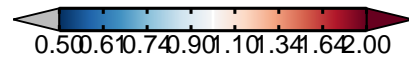
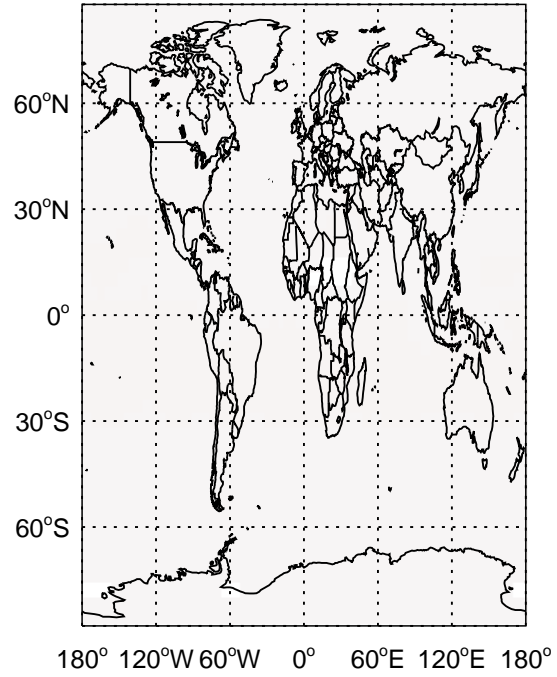


GEOS-Chem Ratio Maps at surface and 500 hPa

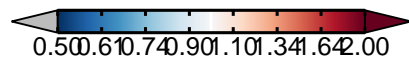
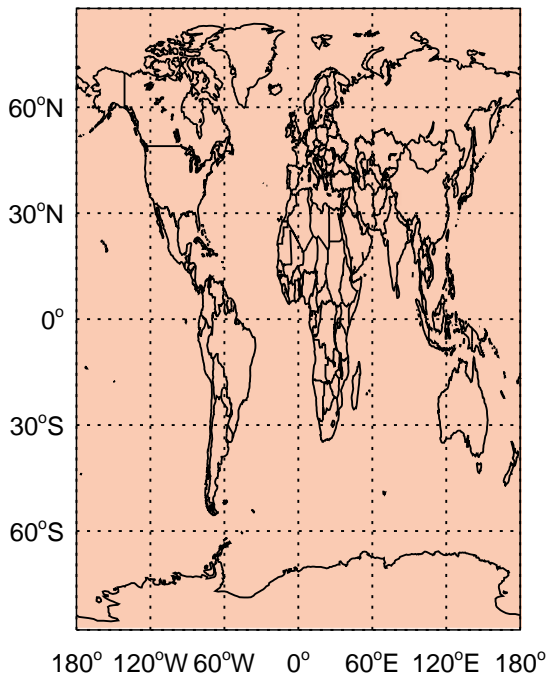
v11-01k-Run0 / v11-01g-Run0
HCFC142b / Ratio @ Surface for Jul



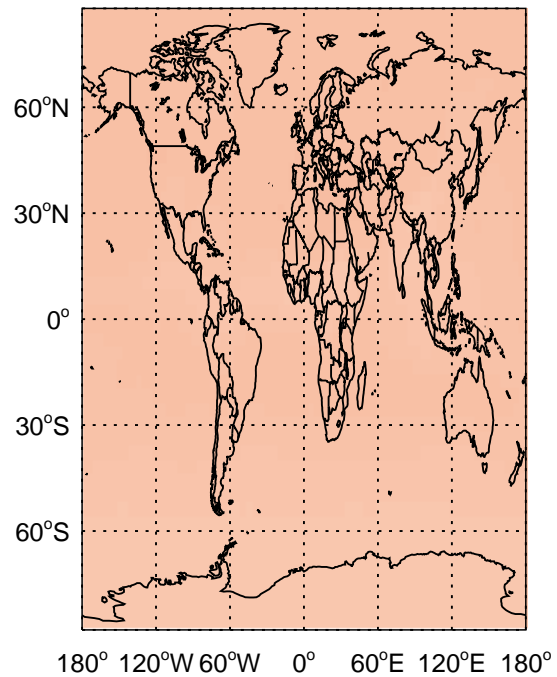
v11-01k-Run0 / v11-01g-Run0
HCFC142b/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC142b / Ratio @ Surface for Jul

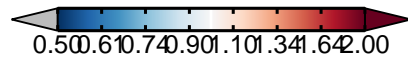
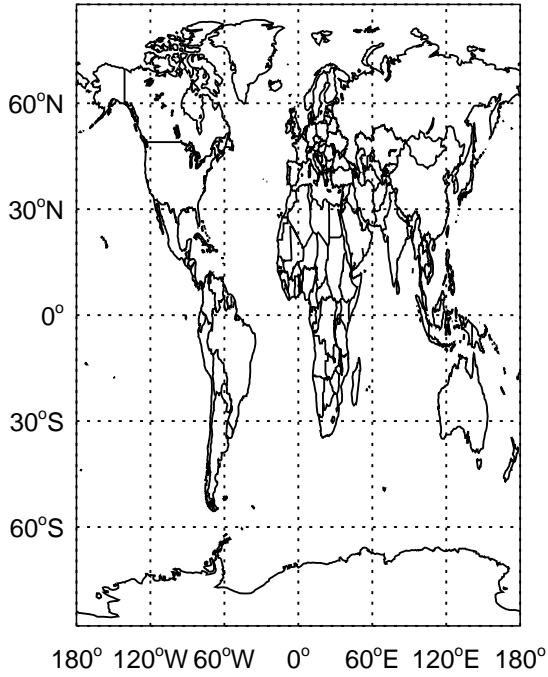


v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC142b/ Ratio @ 500 hPa for Jul

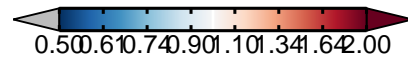
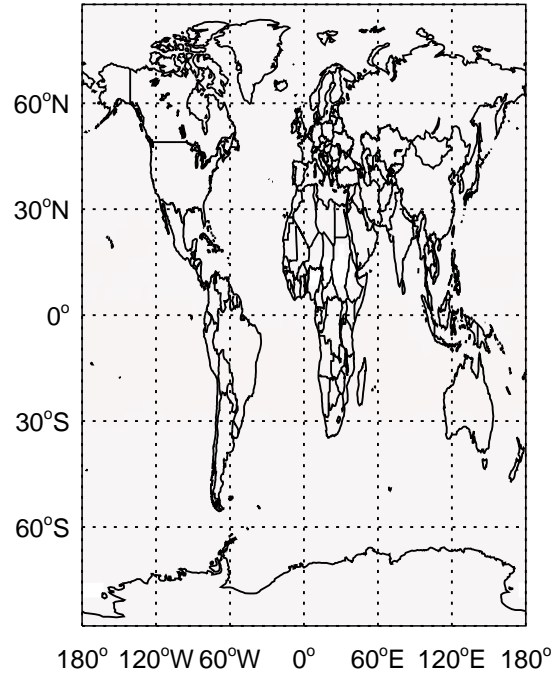


GEOS-Chem Ratio Maps at surface and 500 hPa

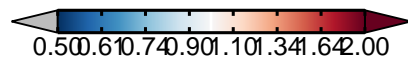
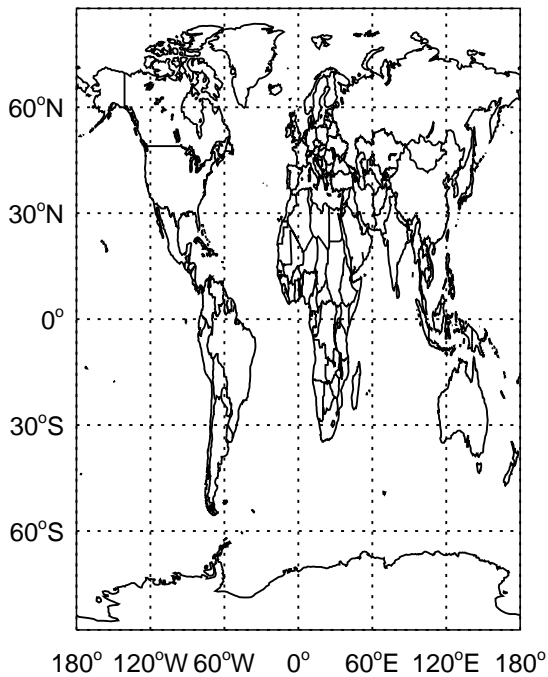
v11-01k-Run0 / v11-01g-Run0
CFC11 / Ratio @ Surface for Jul



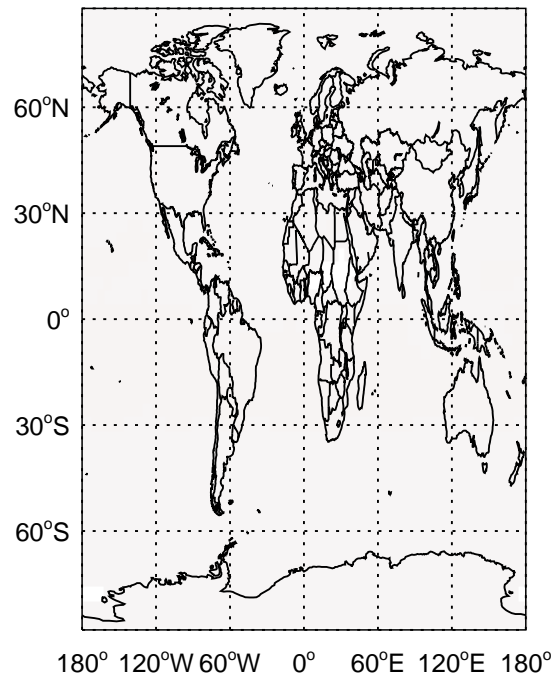
v11-01k-Run0 / v11-01g-Run0
CFC11 / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CFC11 / Ratio @ Surface for Jul

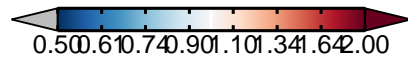
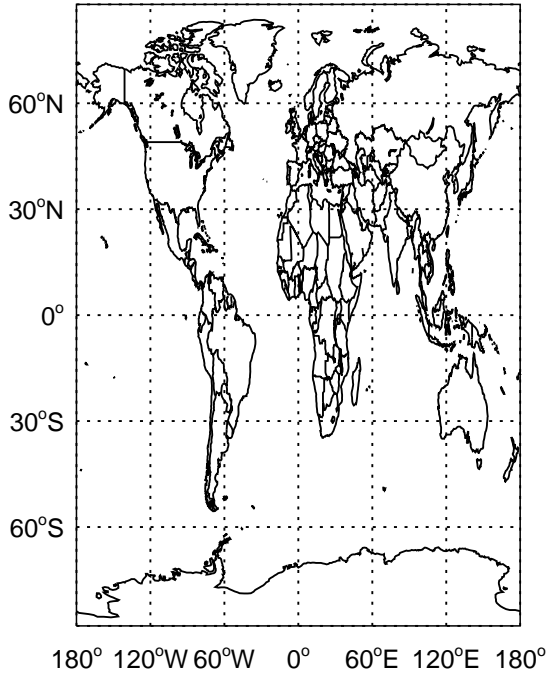


v11-01k-Run0 / v11-01f-geosfp-Run0
CFC11 / Ratio @ 500 hPa for Jul

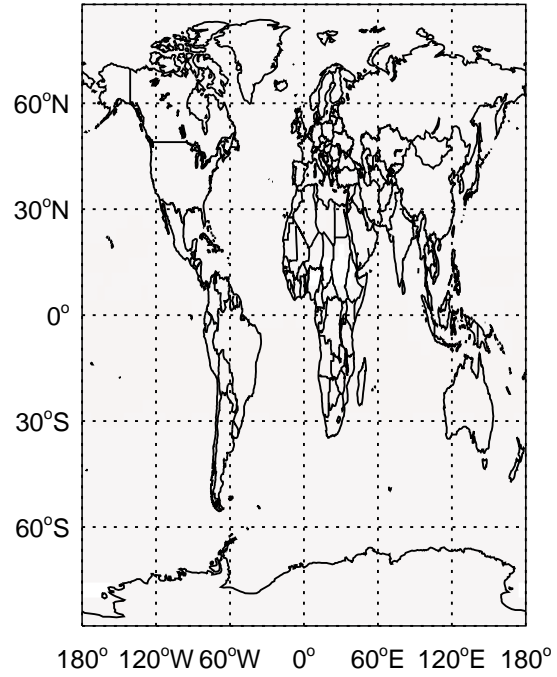


GEOS-Chem Ratio Maps at surface and 500 hPa

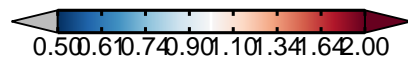
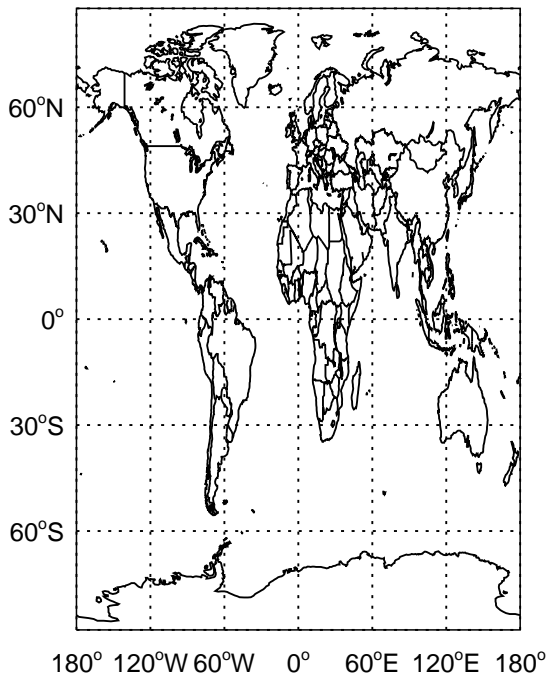
v11-01k-Run0 / v11-01g-Run0
CFC12 / Ratio @ Surface for Jul



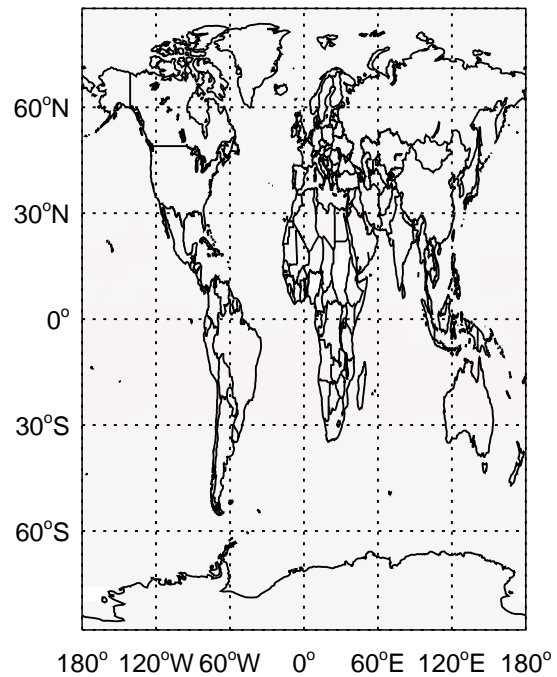
v11-01k-Run0 / v11-01g-Run0
CFC12/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
CFC12 / Ratio @ Surface for Jul

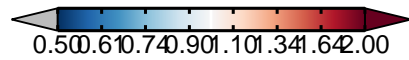
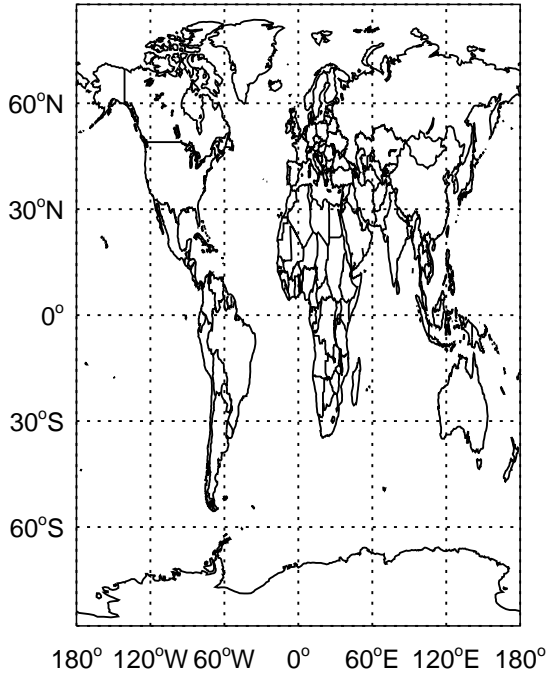


v11-01k-Run0 / v11-01f-geosfp-Run0
CFC12/ Ratio @ 500 hPa for Jul

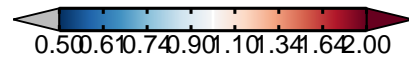
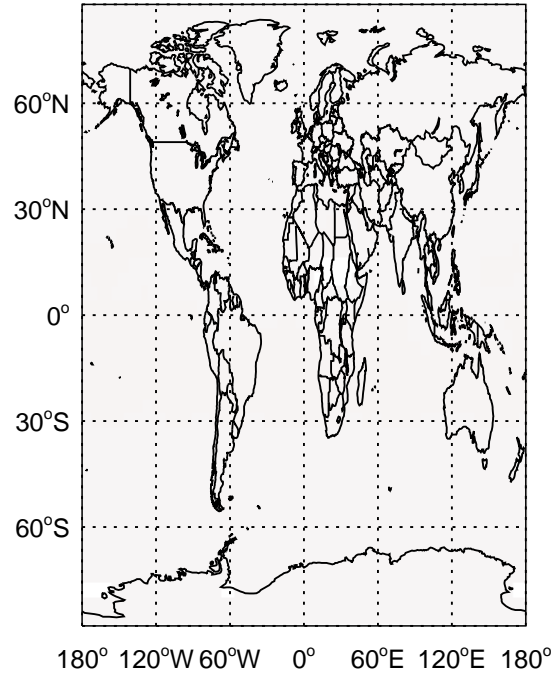


GEOS-Chem Ratio Maps at surface and 500 hPa

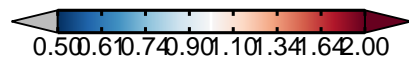
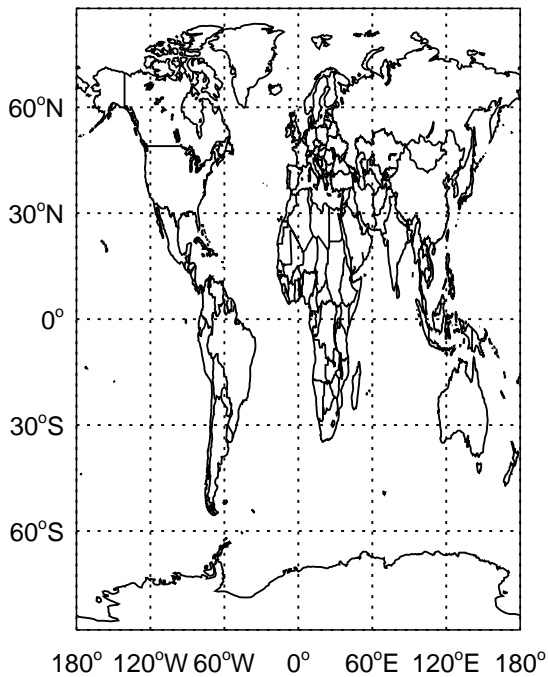
v11-01k-Run0 / v11-01g-Run0
HCFC22 / Ratio @ Surface for Jul



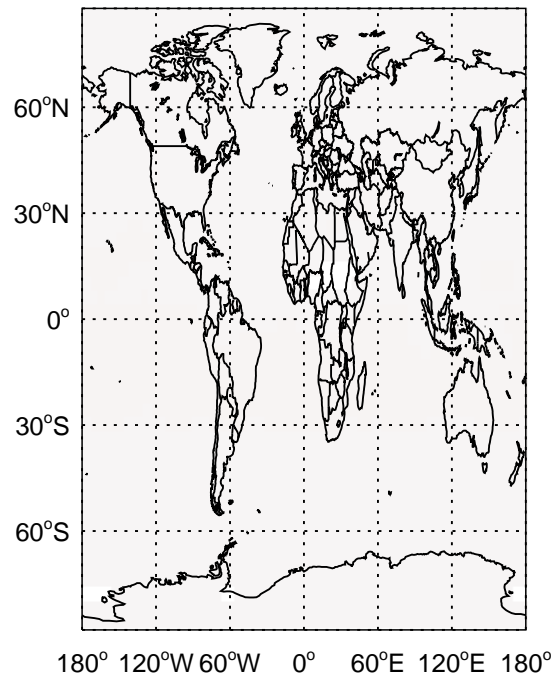
v11-01k-Run0 / v11-01g-Run0
HCFC22/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC22 / Ratio @ Surface for Jul

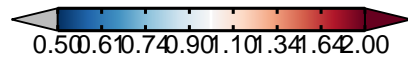
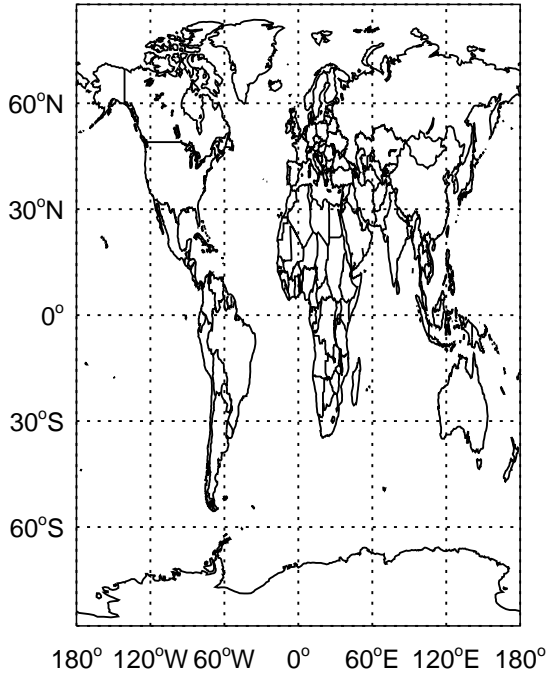


v11-01k-Run0 / v11-01f-geosfp-Run0
HCFC22/ Ratio @ 500 hPa for Jul

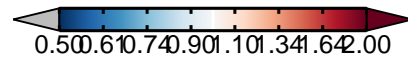
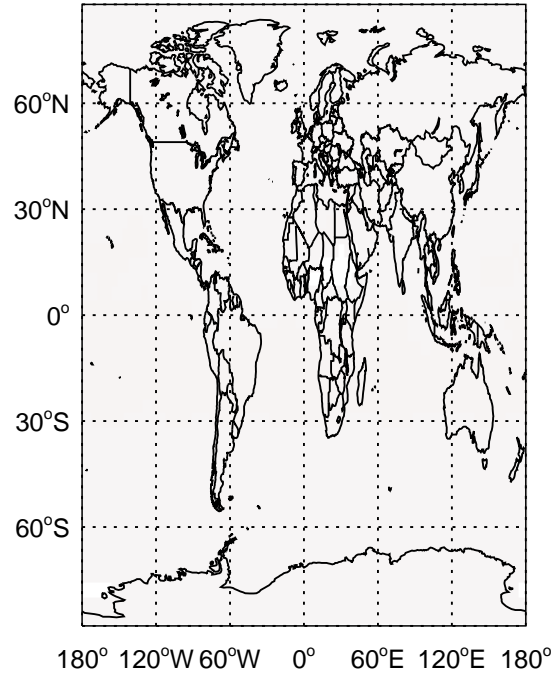


GEOS-Chem Ratio Maps at surface and 500 hPa

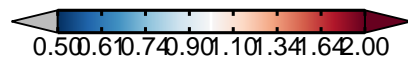
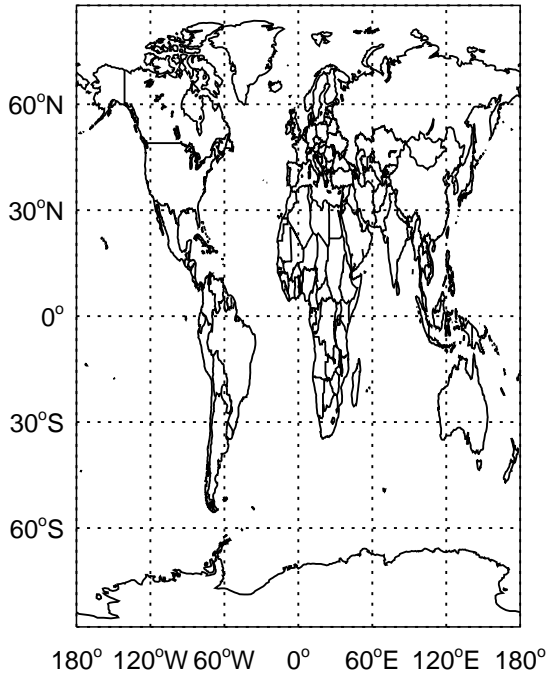
v11-01k-Run0 / v11-01g-Run0
H1211 / Ratio @ Surface for Jul



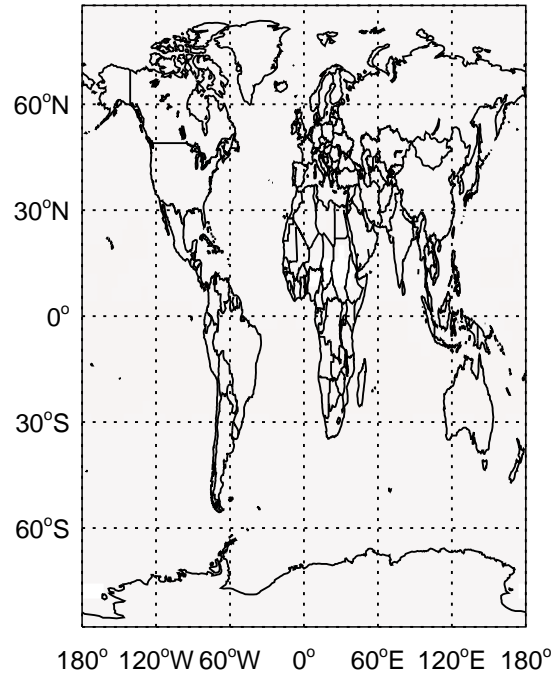
v11-01k-Run0 / v11-01g-Run0
H1211/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
H1211 / Ratio @ Surface for Jul

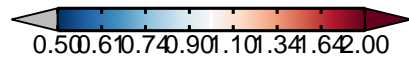
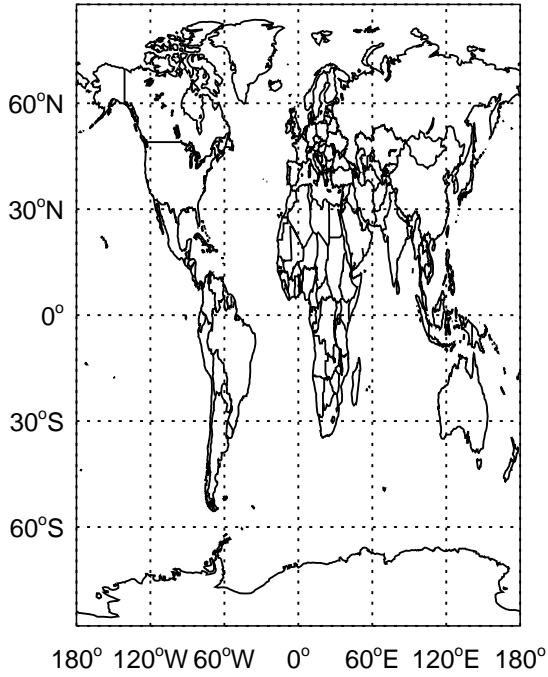


v11-01k-Run0 / v11-01f-geosfp-Run0
H1211/ Ratio @ 500 hPa for Jul

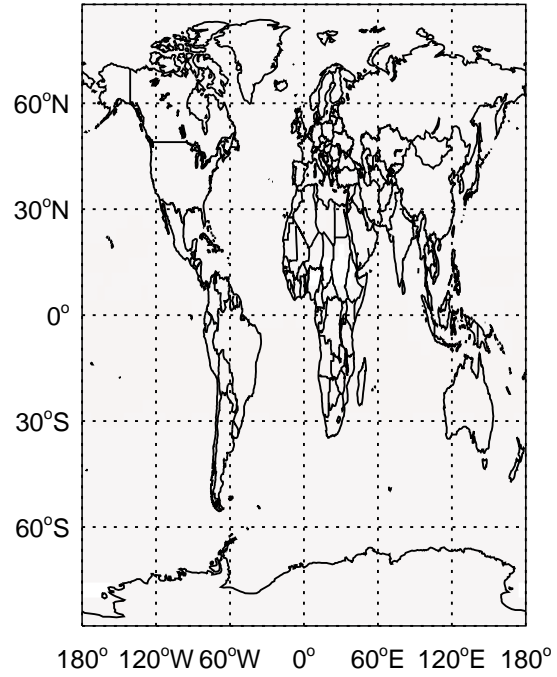


GEOS-Chem Ratio Maps at surface and 500 hPa

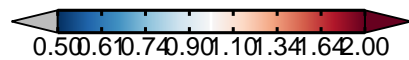
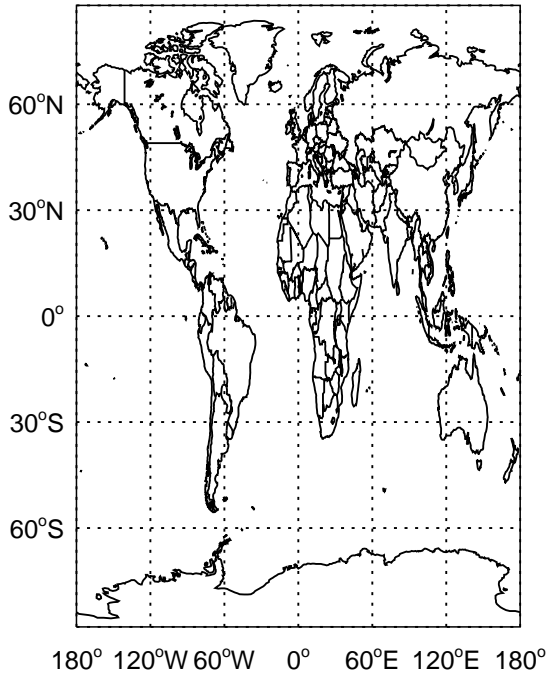
v11-01k-Run0 / v11-01g-Run0
H1301 / Ratio @ Surface for Jul



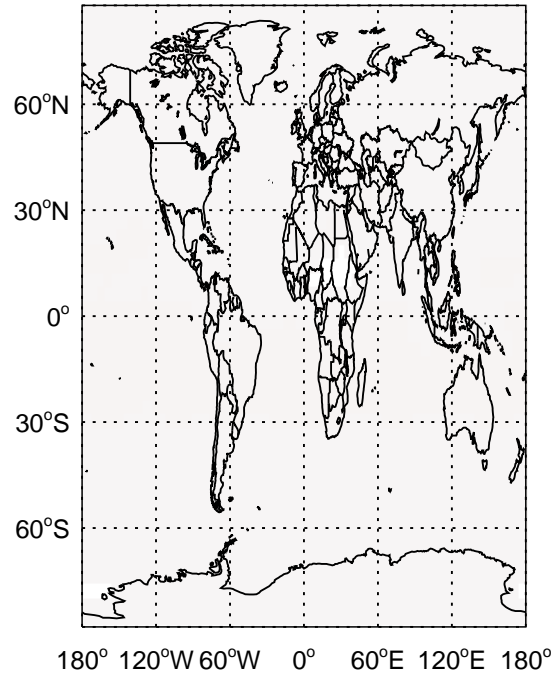
v11-01k-Run0 / v11-01g-Run0
H1301/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
H1301 / Ratio @ Surface for Jul

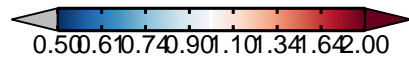
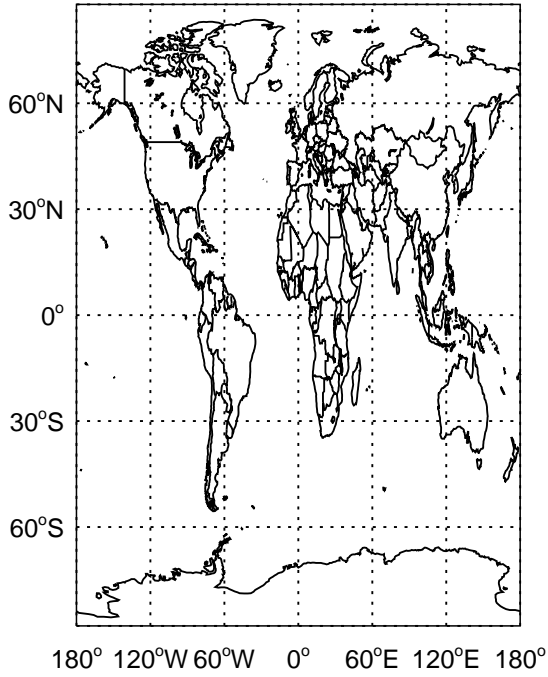


v11-01k-Run0 / v11-01f-geosfp-Run0
H1301/ Ratio @ 500 hPa for Jul

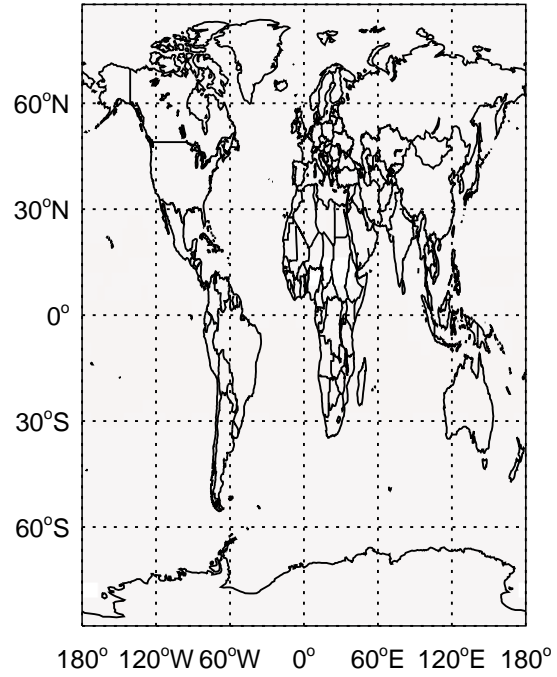


GEOS-Chem Ratio Maps at surface and 500 hPa

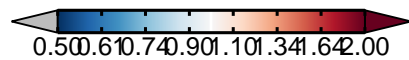
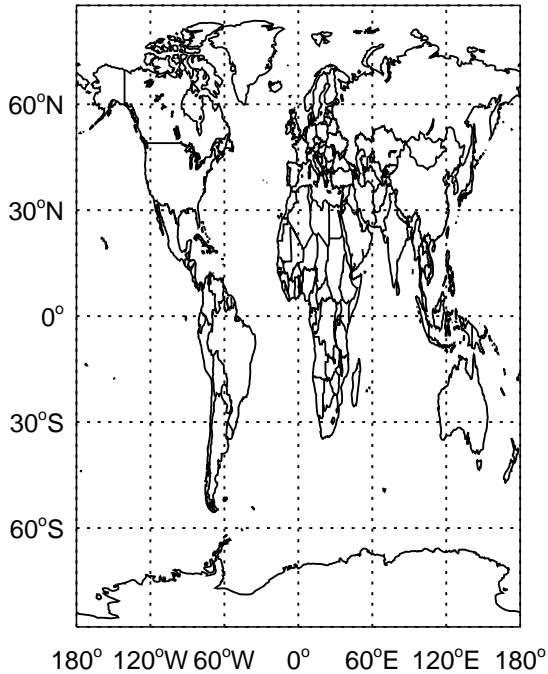
v11-01k-Run0 / v11-01g-Run0
H2402 / Ratio @ Surface for Jul



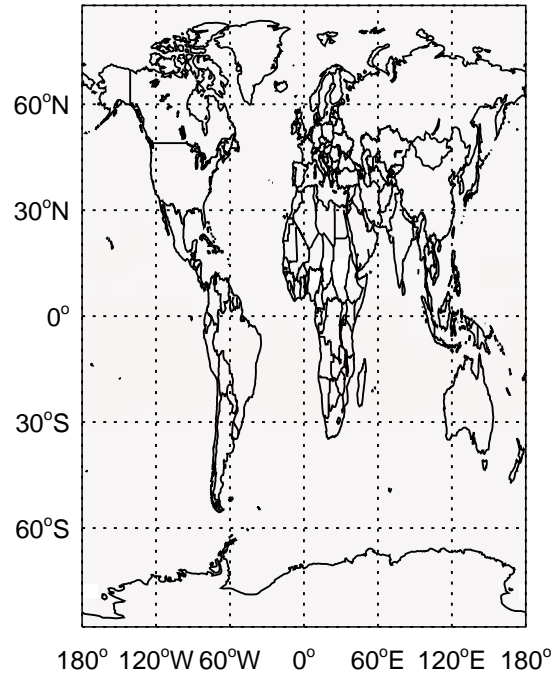
v11-01k-Run0 / v11-01g-Run0
H2402/ Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
H2402 / Ratio @ Surface for Jul

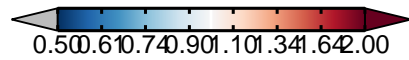
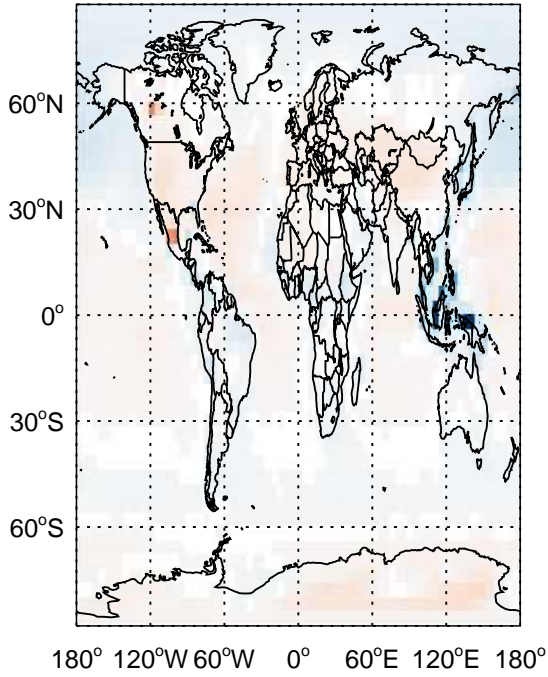


v11-01k-Run0 / v11-01f-geosfp-Run0
H2402/ Ratio @ 500 hPa for Jul

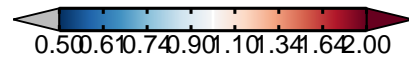
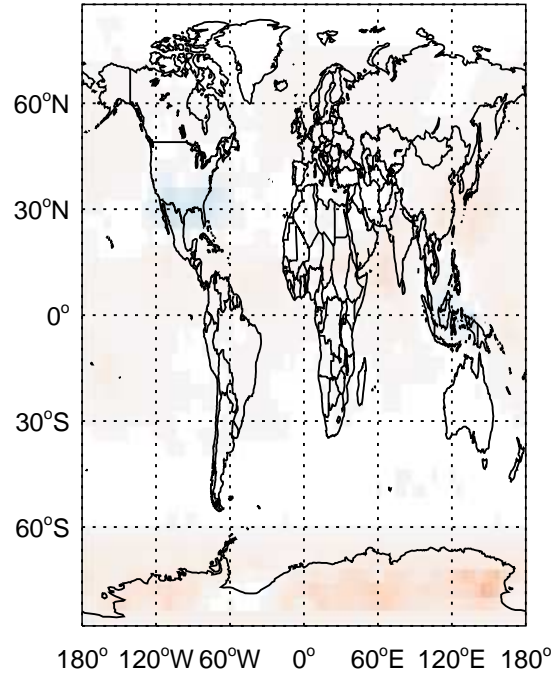


GEOS-Chem Ratio Maps at surface and 500 hPa

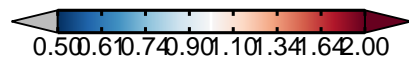
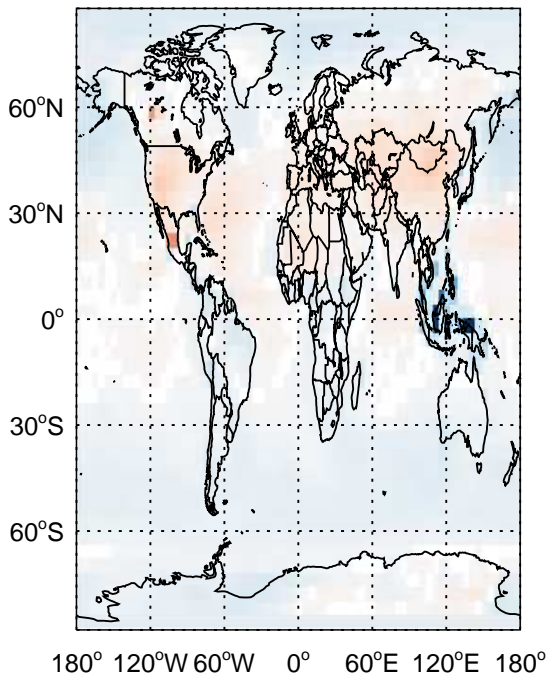
v11-01k-Run0 / v11-01g-Run0
Cl / Ratio @ Surface for Jul



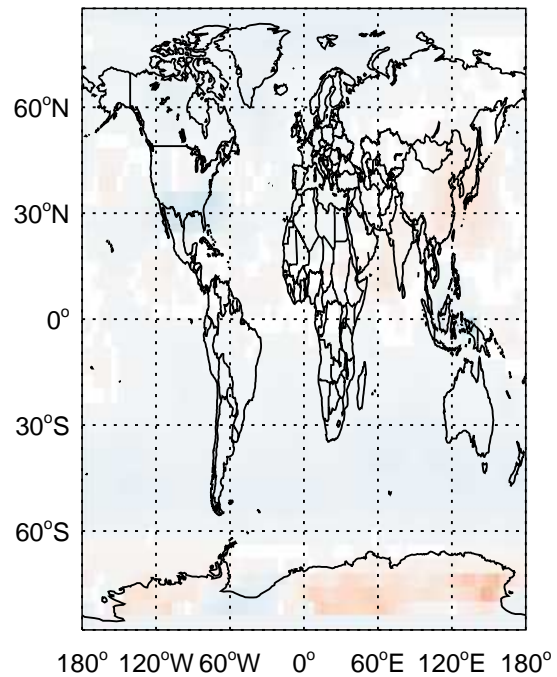
v11-01k-Run0 / v11-01g-Run0
Cl / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
Cl / Ratio @ Surface for Jul

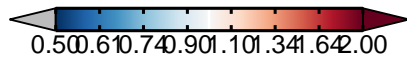
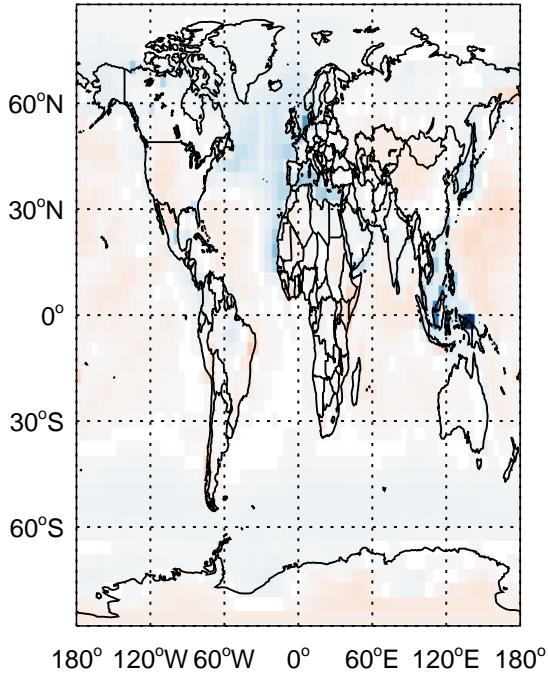


v11-01k-Run0 / v11-01f-geosfp-Run0
Cl / Ratio @ 500 hPa for Jul

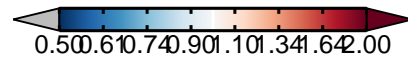
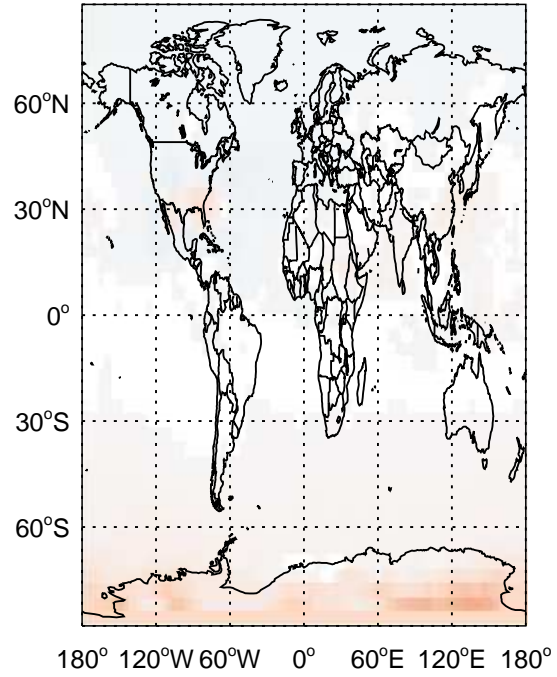


GEOS-Chem Ratio Maps at surface and 500 hPa

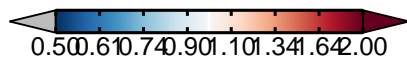
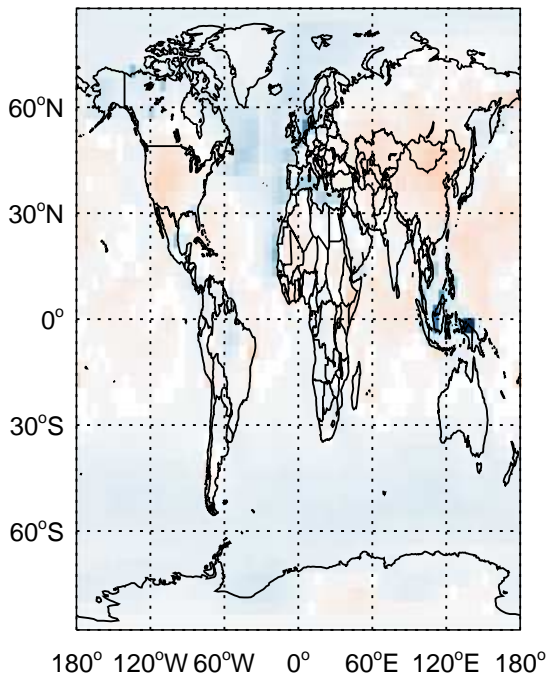
v11-01k-Run0 / v11-01g-Run0
ClO / Ratio @ Surface for Jul



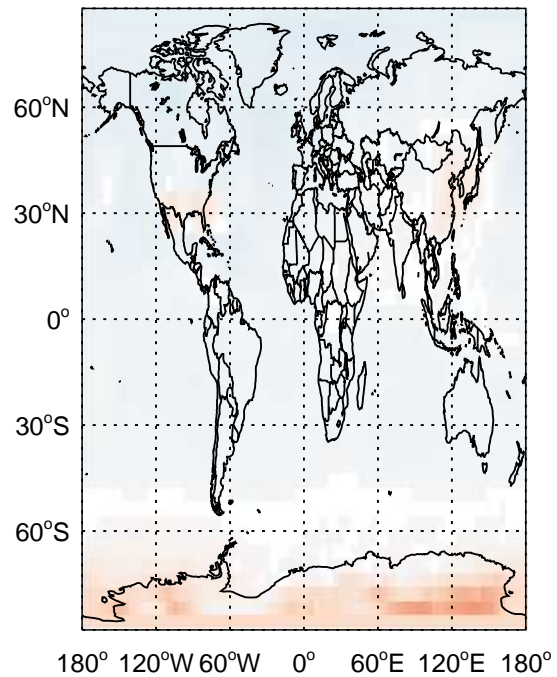
v11-01k-Run0 / v11-01g-Run0
ClO / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
ClO / Ratio @ Surface for Jul

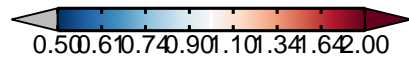
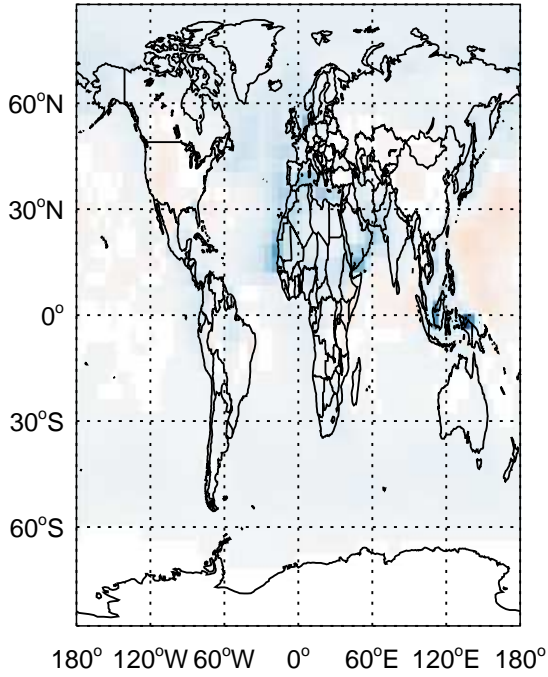


v11-01k-Run0 / v11-01f-geosp-Run0
ClO / Ratio @ 500 hPa for Jul

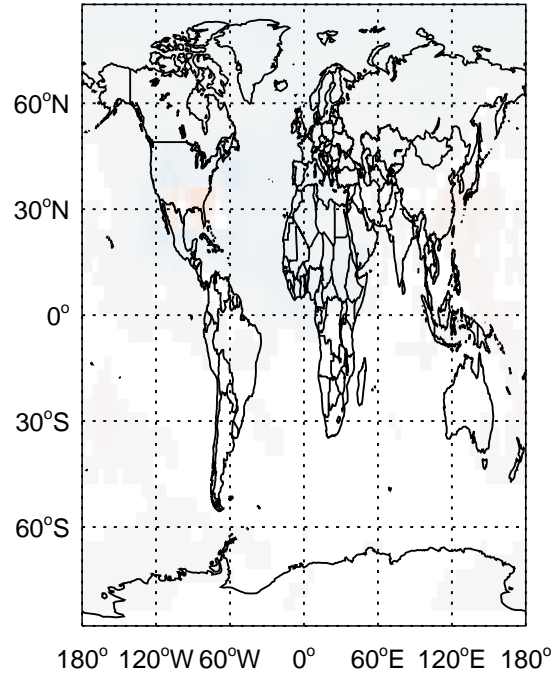


GEOS-Chem Ratio Maps at surface and 500 hPa

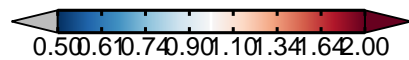
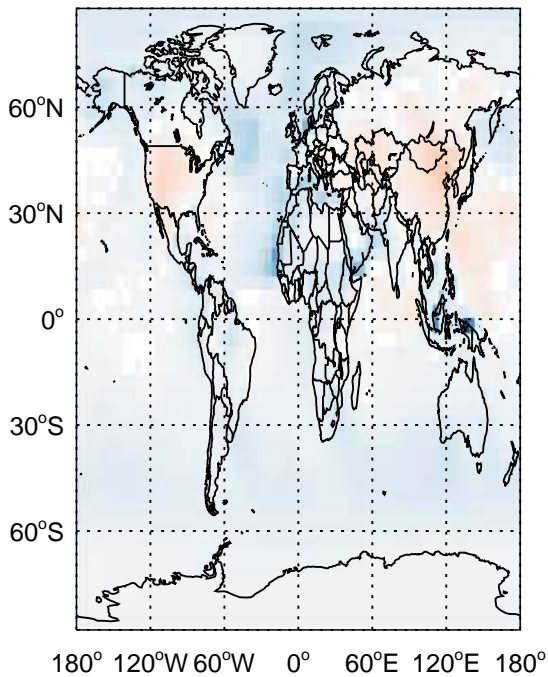
v11-01k-Run0 / v11-01g-Run0
HOCl / Ratio @ Surface for Jul



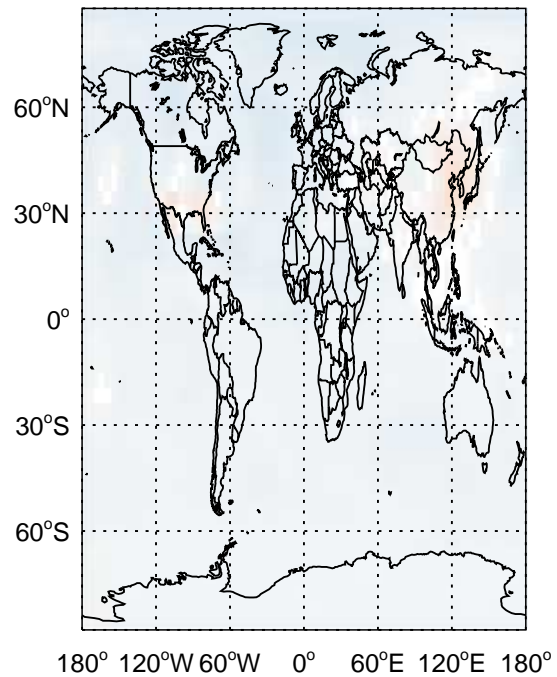
v11-01k-Run0 / v11-01g-Run0
HOCl / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosp-Run0
HOCl / Ratio @ Surface for Jul

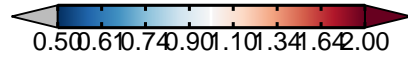
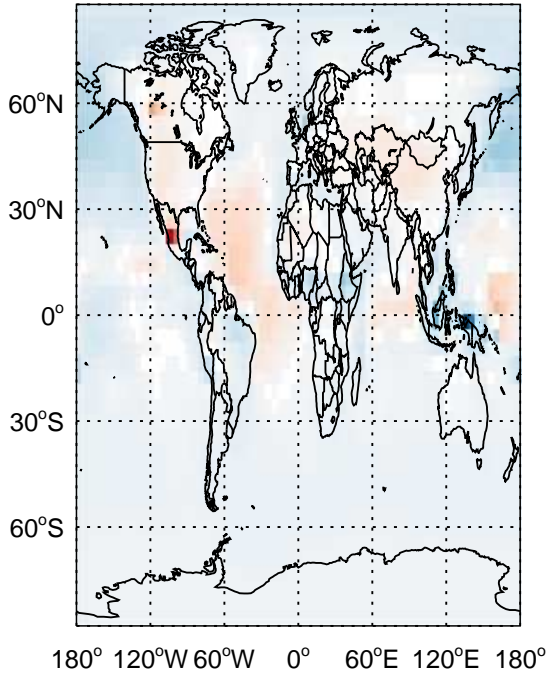


v11-01k-Run0 / v11-01f-geosp-Run0
HOCl / Ratio @ 500 hPa for Jul

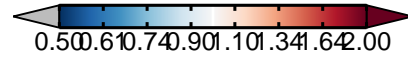
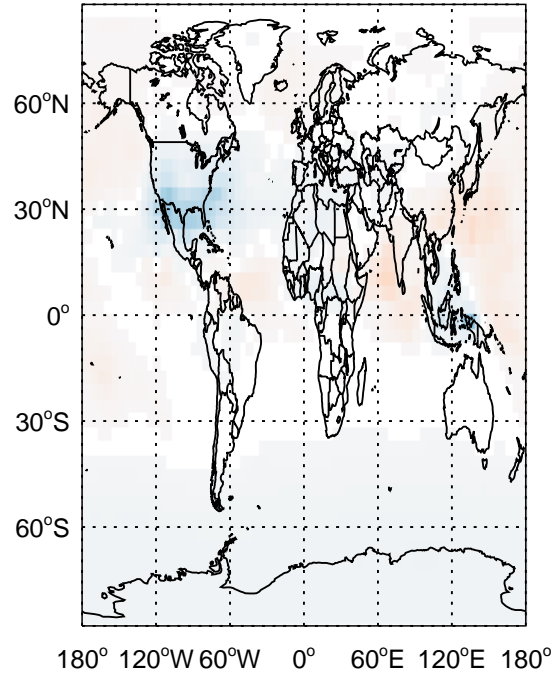


GEOS-Chem Ratio Maps at surface and 500 hPa

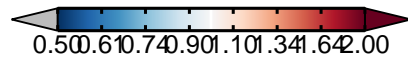
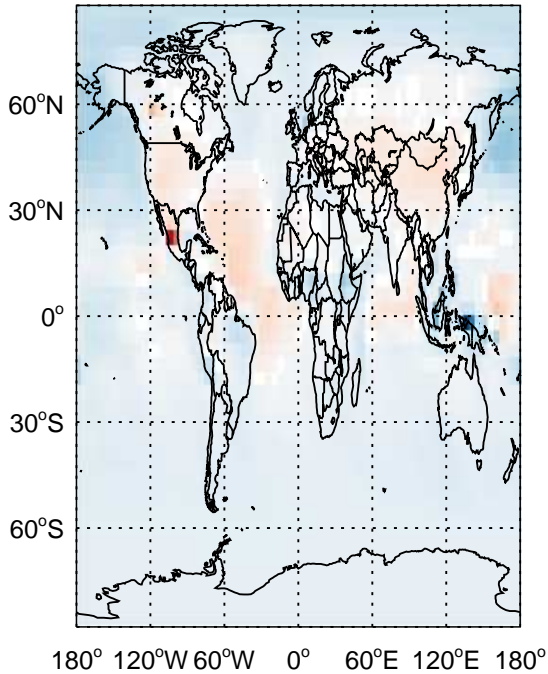
v11-01k-Run0 / v11-01g-Run0
ClNO₃ / Ratio @ Surface for Jul



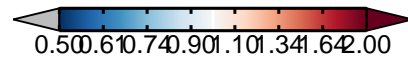
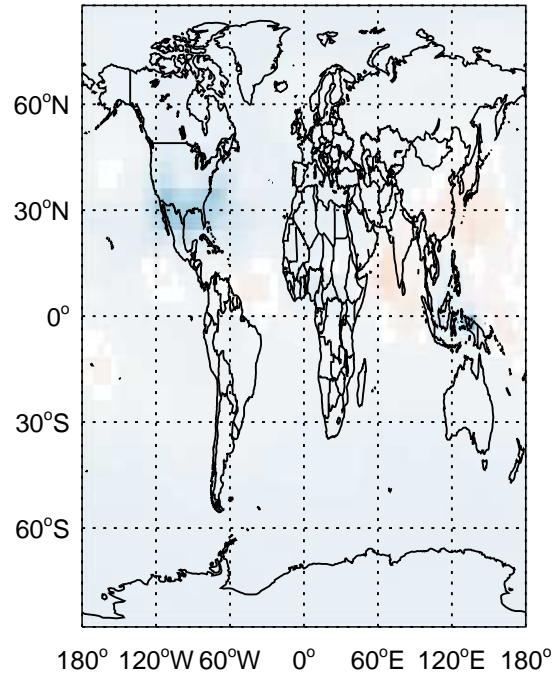
v11-01k-Run0 / v11-01g-Run0
ClNO₃ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
ClNO₃ / Ratio @ Surface for Jul

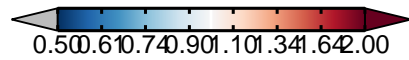
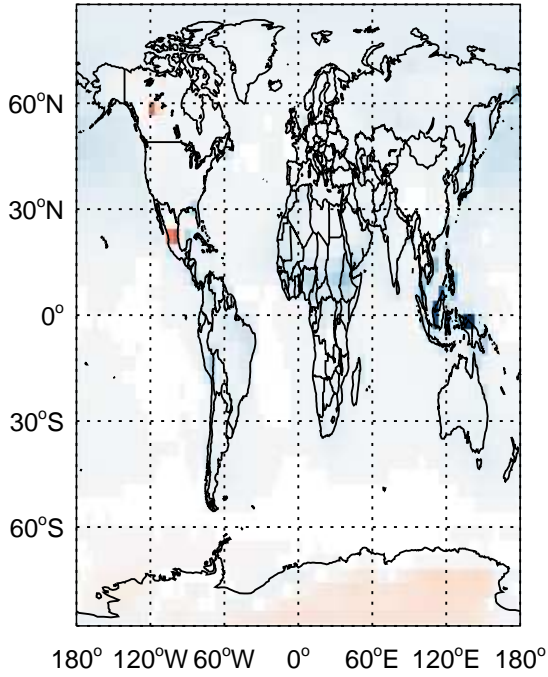


v11-01k-Run0 / v11-01f-geosfp-Run0
ClNO₃ / Ratio @ 500 hPa for Jul

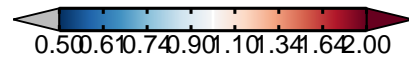
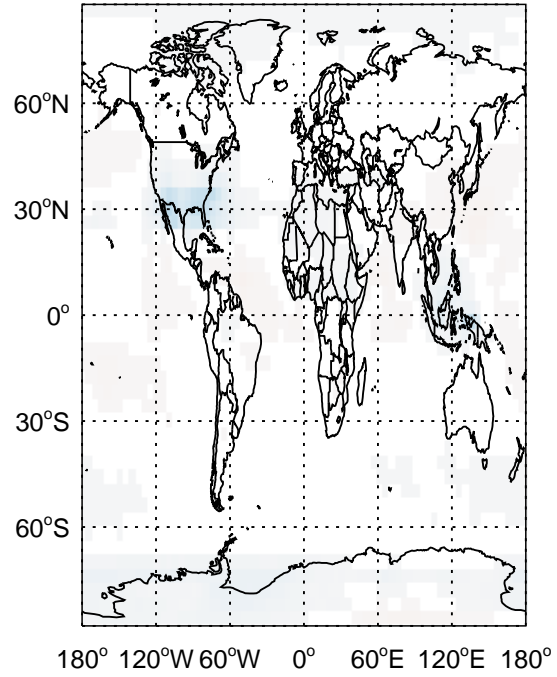


GEOS-Chem Ratio Maps at surface and 500 hPa

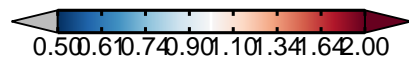
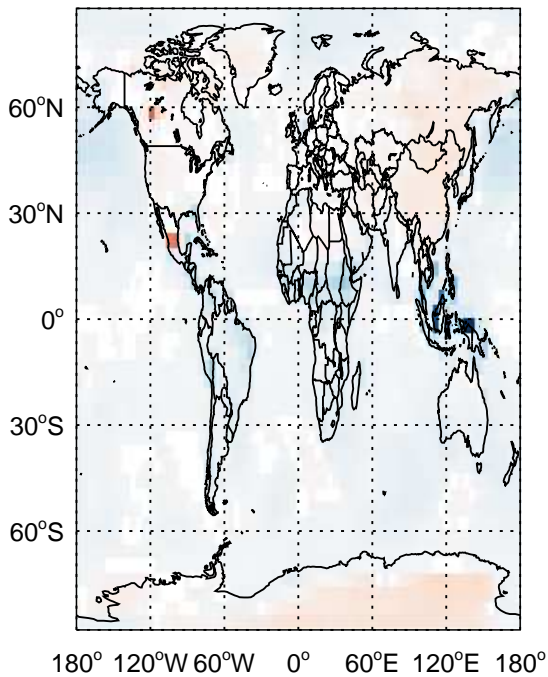
v11-01k-Run0 / v11-01g-Run0
OH / Ratio @ Surface for Jul



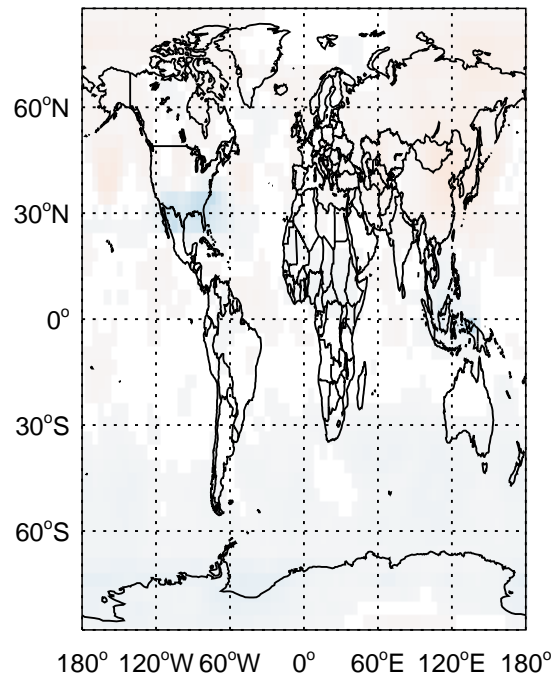
v11-01k-Run0 / v11-01g-Run0
OH / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
OH / Ratio @ Surface for Jul

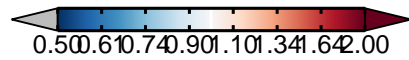
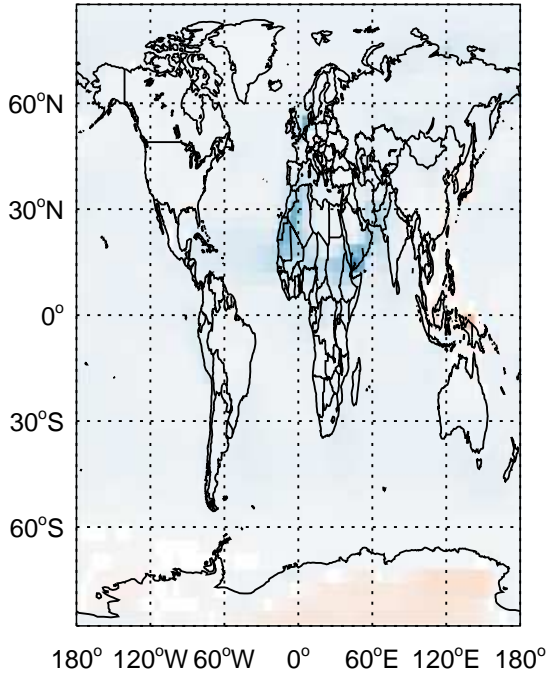


v11-01k-Run0 / v11-01f-geosfp-Run0
OH / Ratio @ 500 hPa for Jul

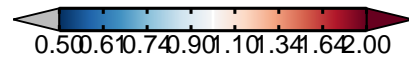
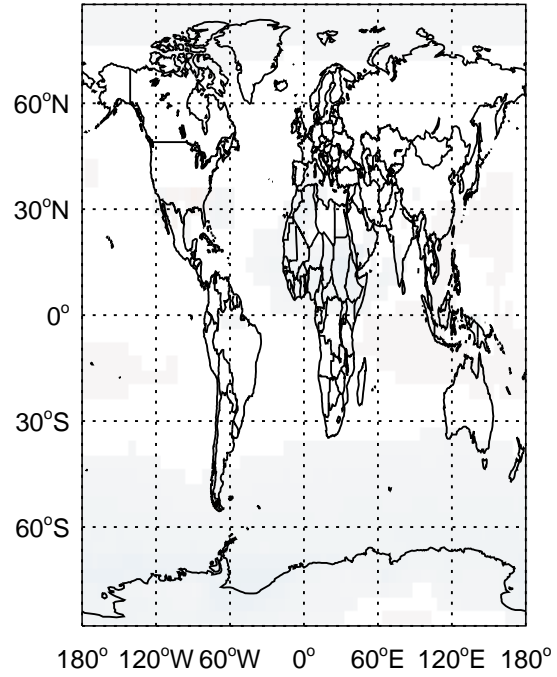


GEOS-Chem Ratio Maps at surface and 500 hPa

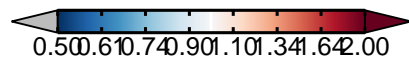
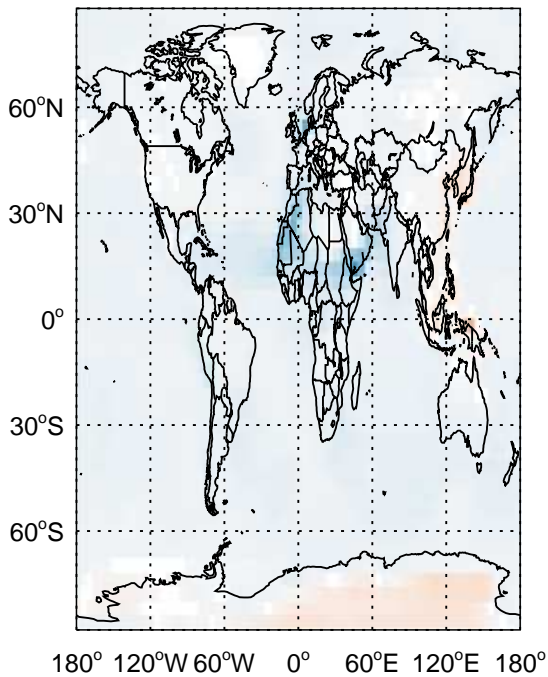
v11-01k-Run0 / v11-01g-Run0
HO₂ / Ratio @ Surface for Jul



v11-01k-Run0 / v11-01g-Run0
HO₂ / Ratio @ 500 hPa for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HO₂ / Ratio @ Surface for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0
HO₂ / Ratio @ 500 hPa for Jul

