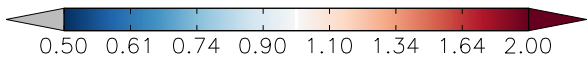
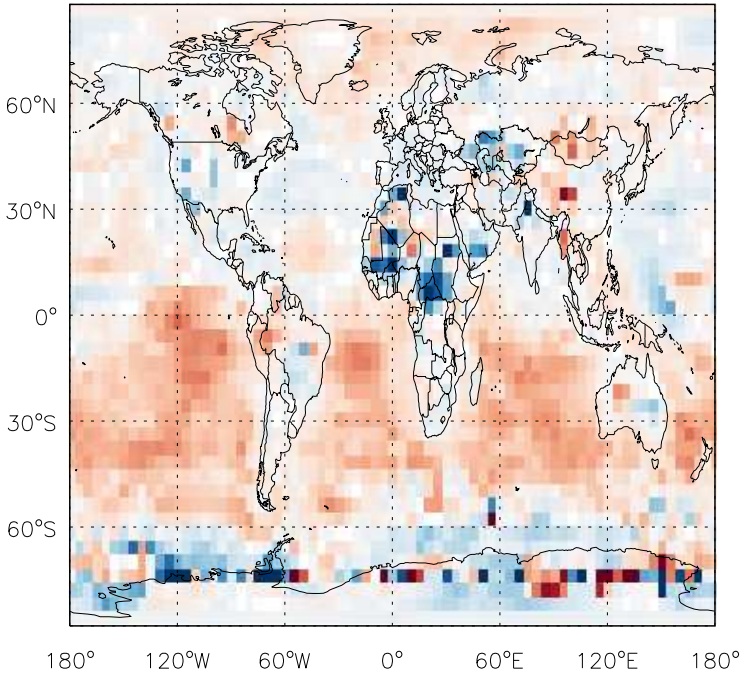
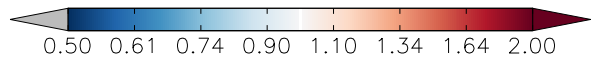
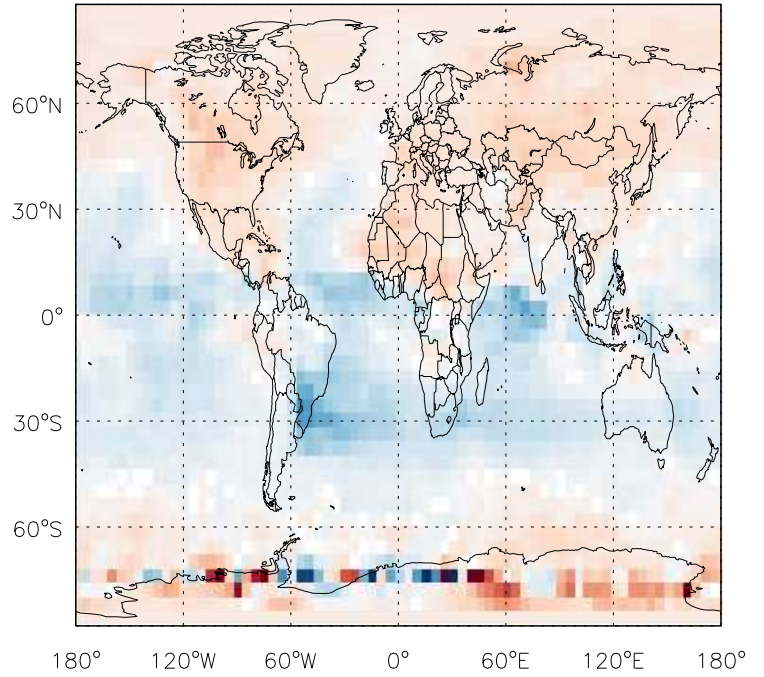


GEOS-Chem Ratio Maps at surface and 500 hPa

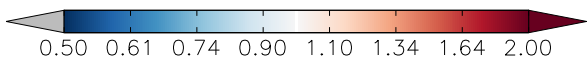
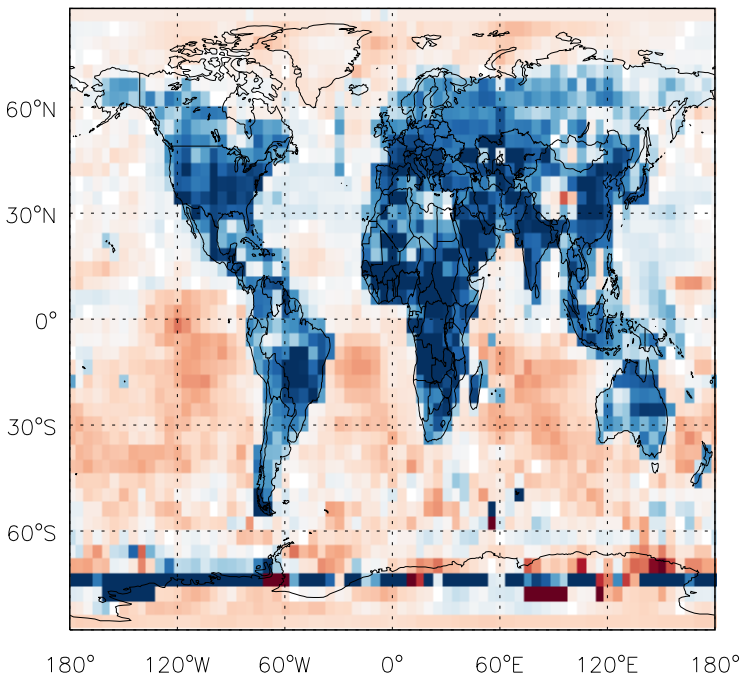
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NO / Ratio @ Surface for Jul



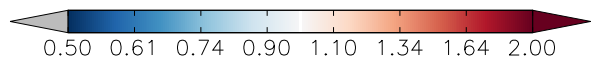
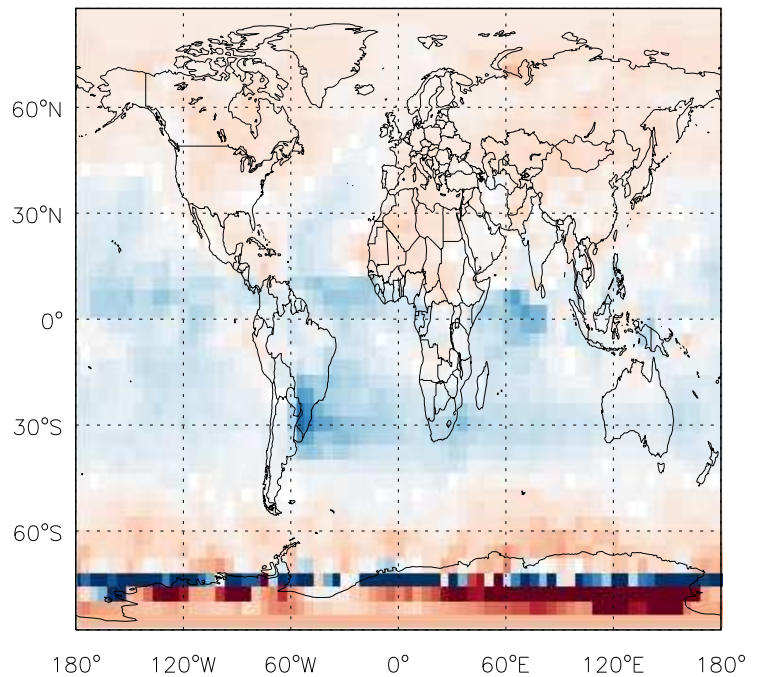
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NO/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
NO / Ratio @ Surface for Jul



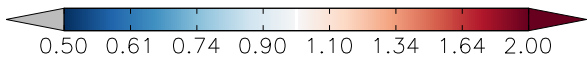
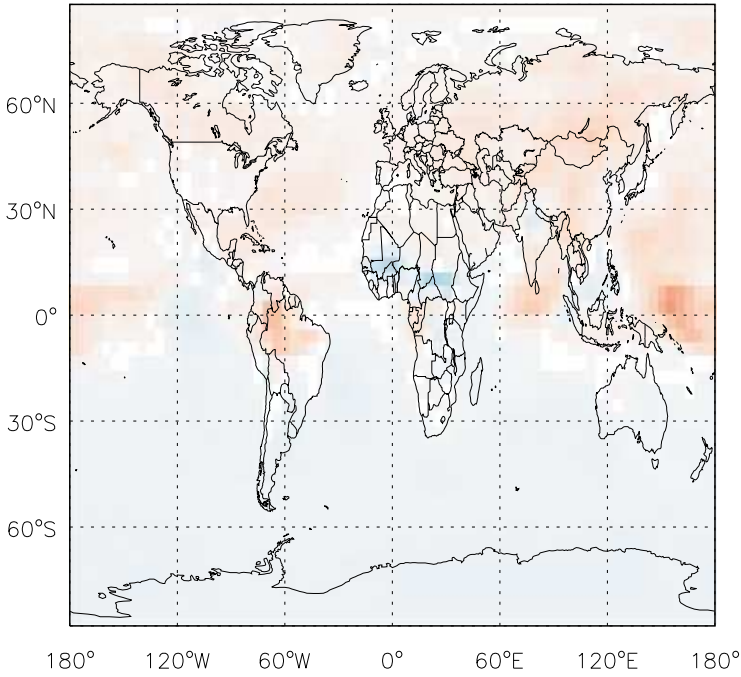
v11-01f-merra2-Run0 / v11-01d-Run1  
NO/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

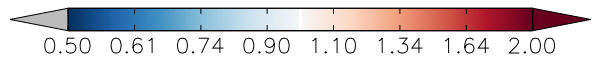
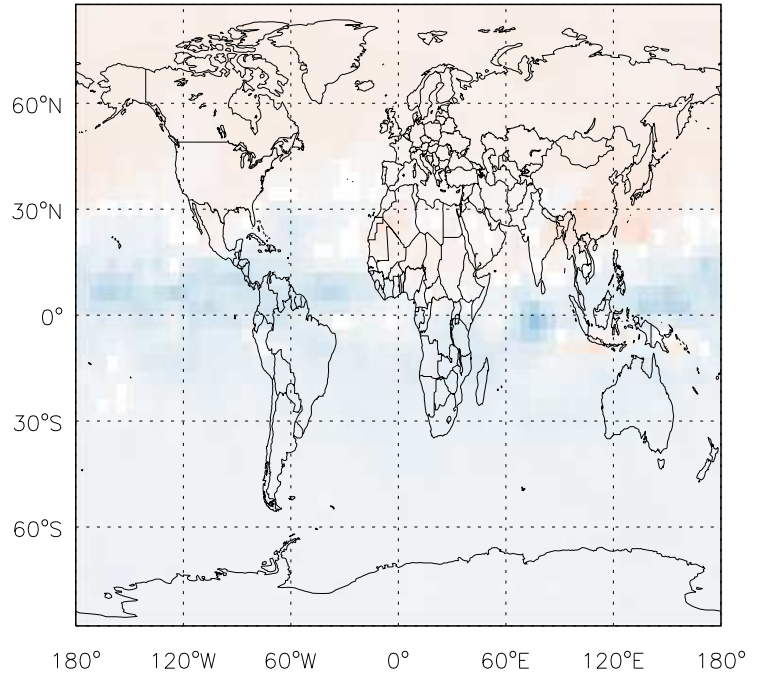
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

O<sub>3</sub> / Ratio @ Surface for Jul



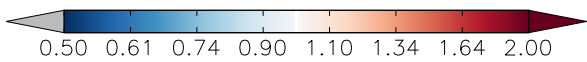
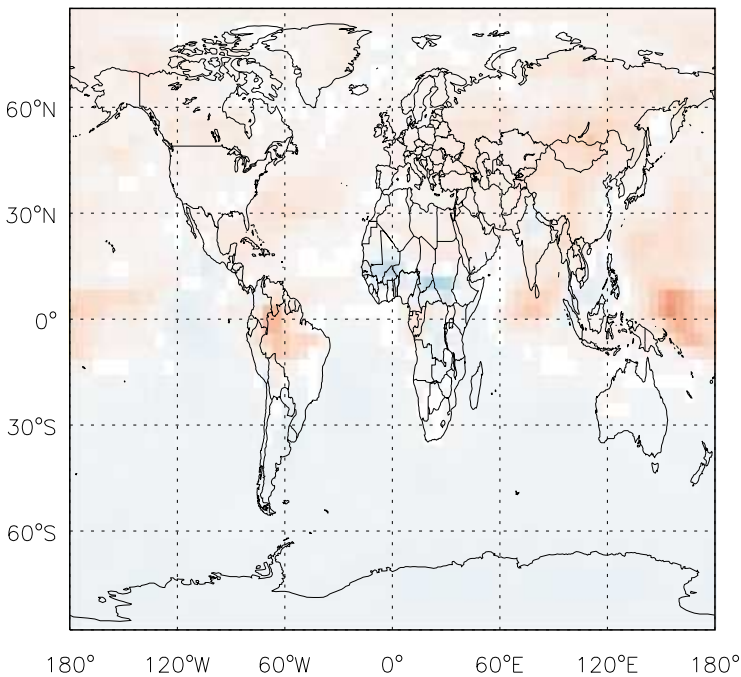
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

O<sub>3</sub> / Ratio @ 500 hPa for Jul



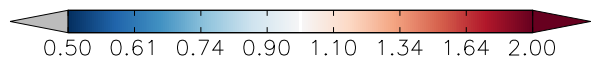
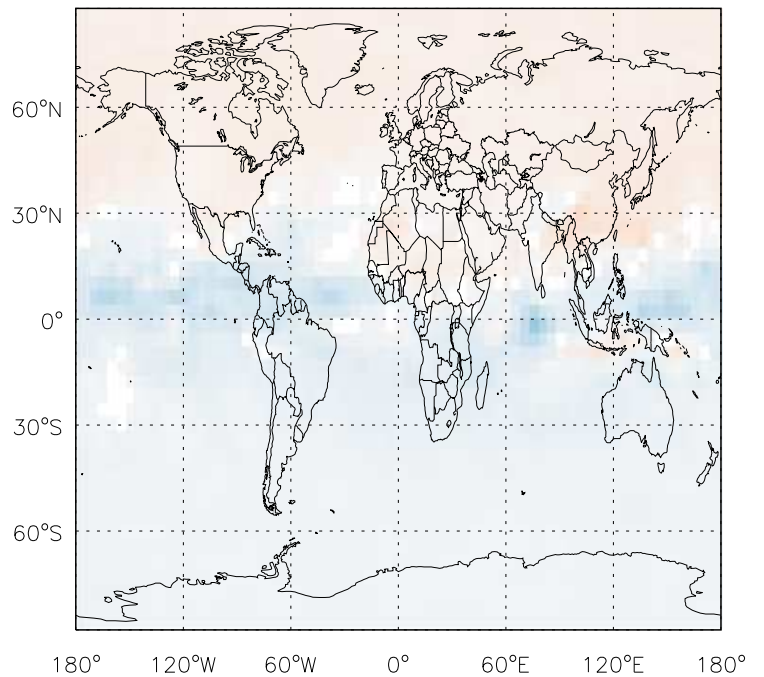
v11-01f-merra2-Run0 / v11-01d-Run1

O<sub>3</sub> / Ratio @ Surface for Jul



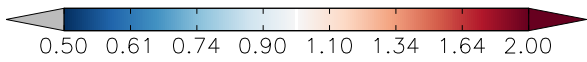
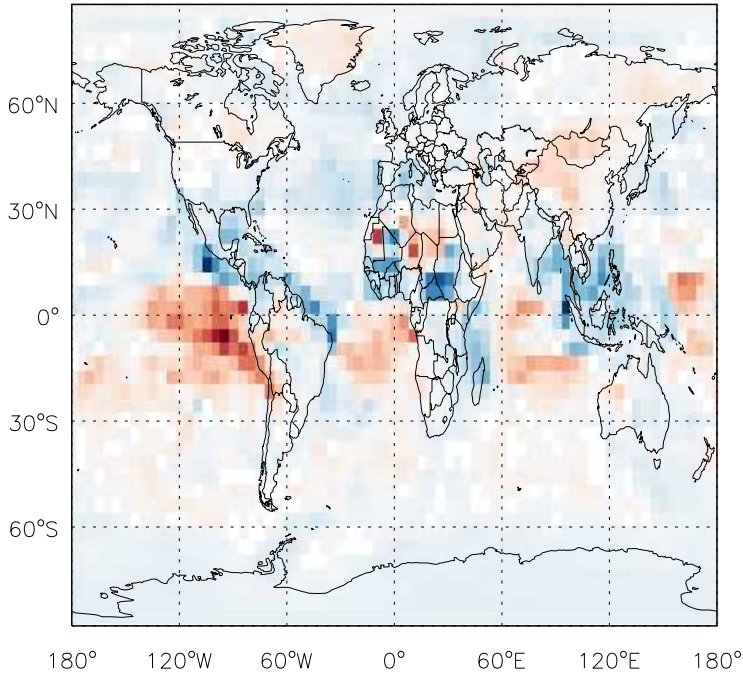
v11-01f-merra2-Run0 / v11-01d-Run1

O<sub>3</sub> / Ratio @ 500 hPa for Jul

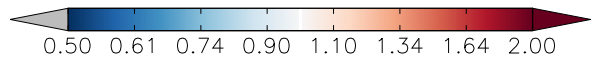
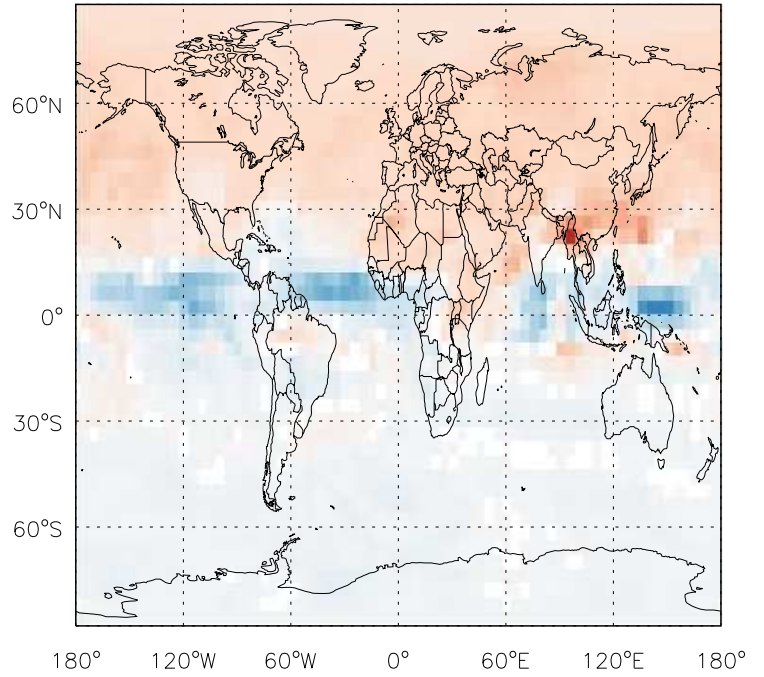


GEOS-Chem Ratio Maps at surface and 500 hPa

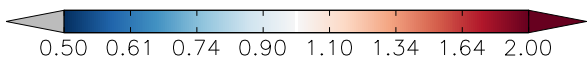
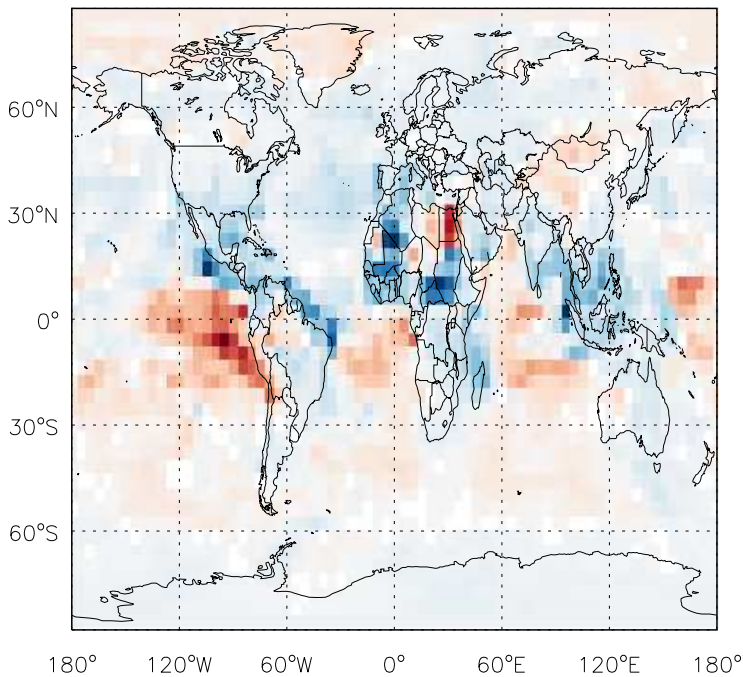
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PAN / Ratio @ Surface for Jul



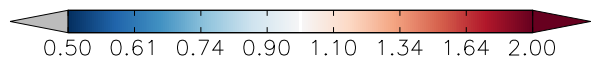
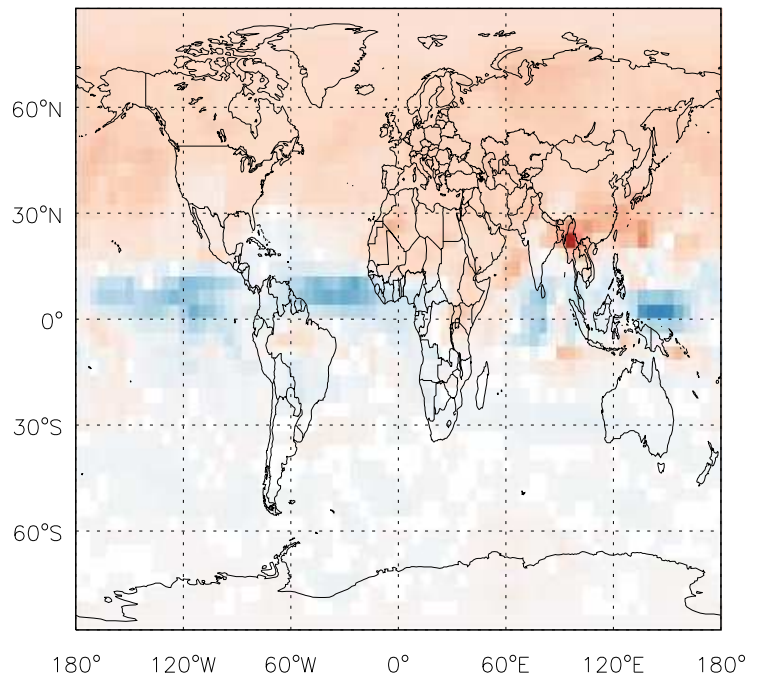
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PAN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
PAN / Ratio @ Surface for Jul

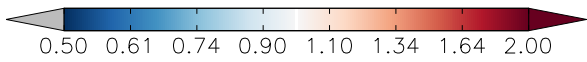
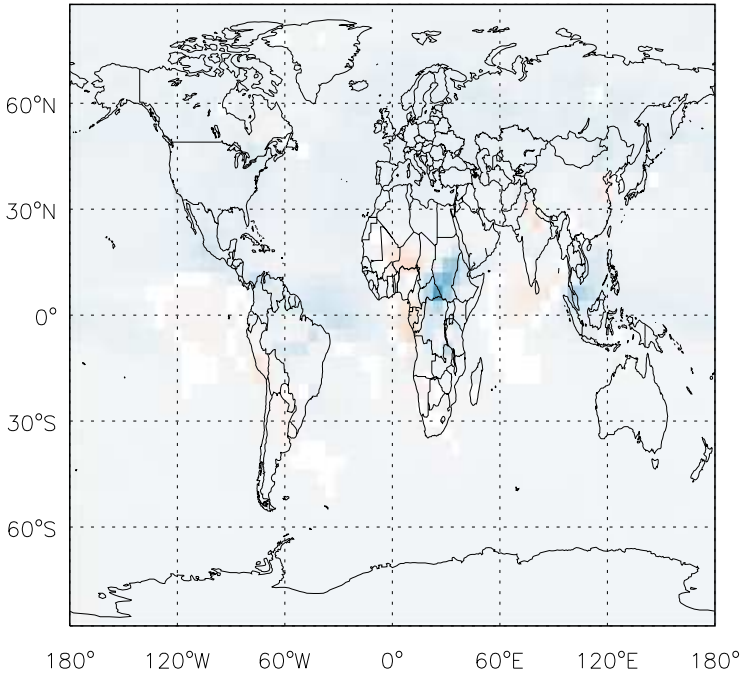


v11-01f-merra2-Run0 / v11-01d-Run1  
PAN/ Ratio @ 500 hPa for Jul

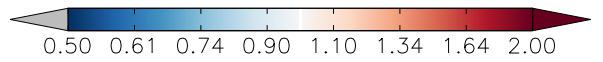
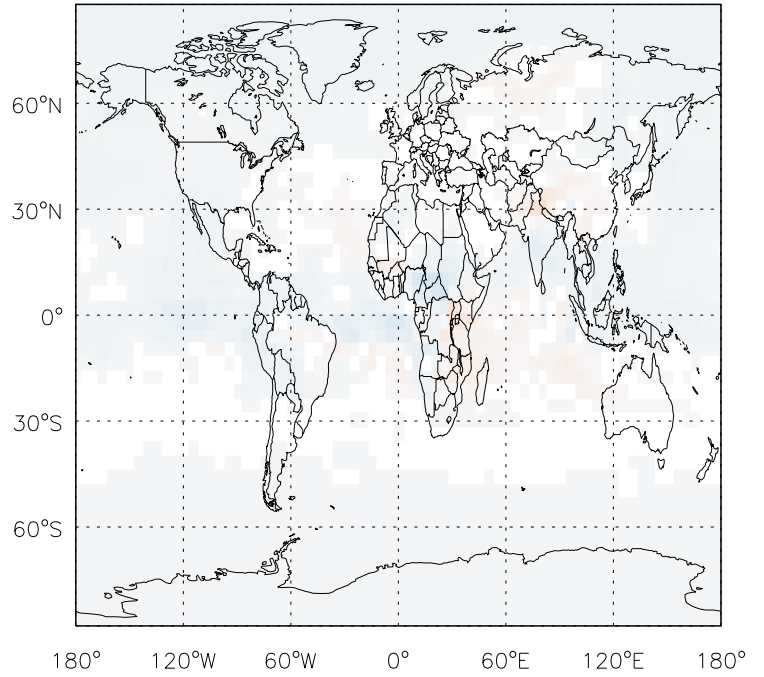


# GEOS-Chem Ratio Maps at surface and 500 hPa

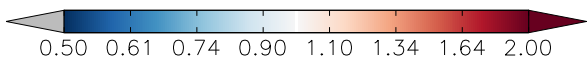
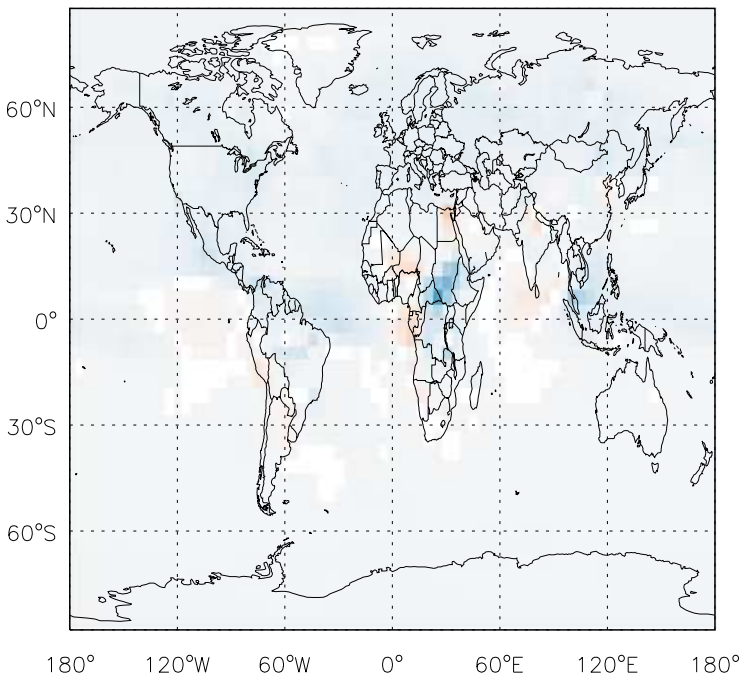
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CO / Ratio @ Surface for Jul



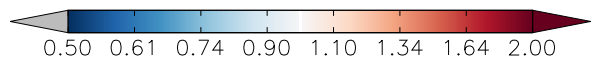
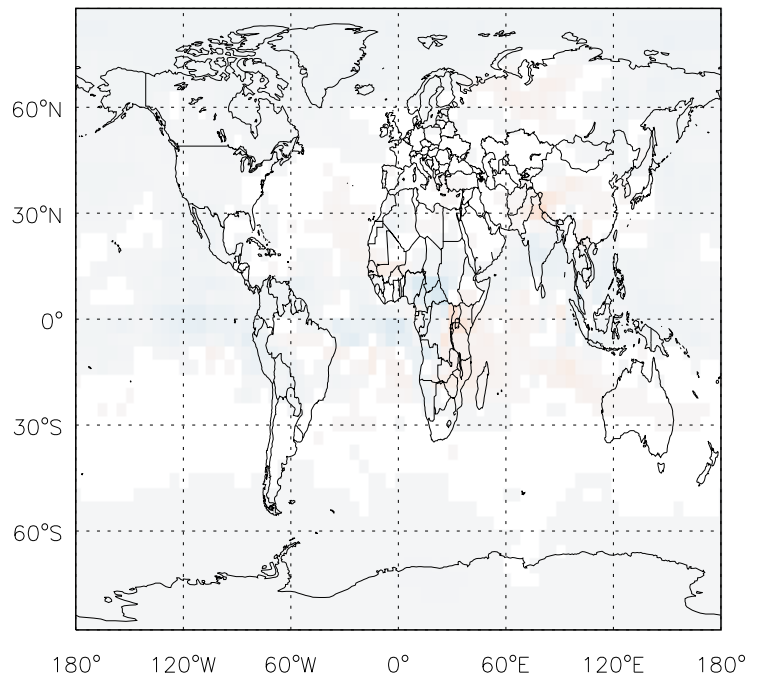
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CO/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CO / Ratio @ Surface for Jul

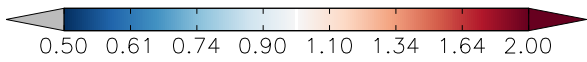
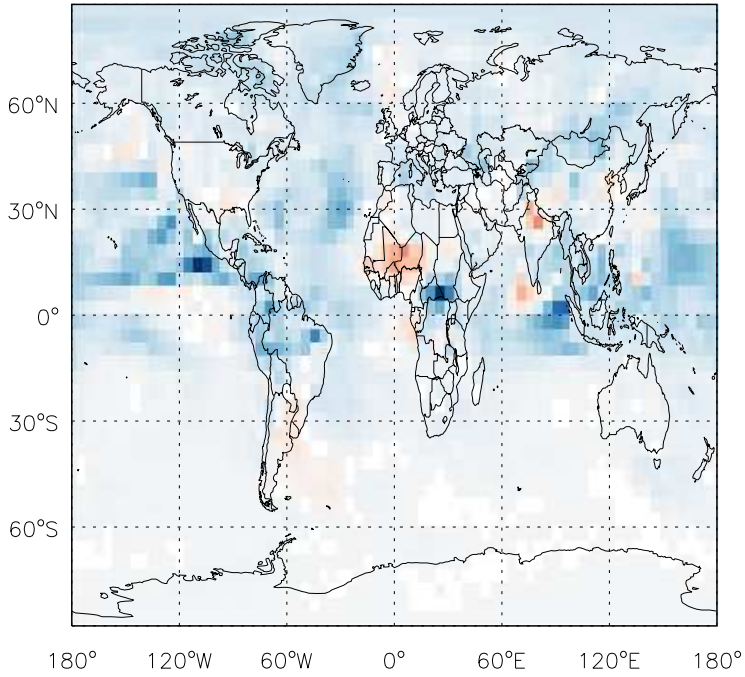


v11-01f-merra2-Run0 / v11-01d-Run1  
CO/ Ratio @ 500 hPa for Jul

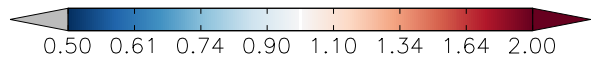
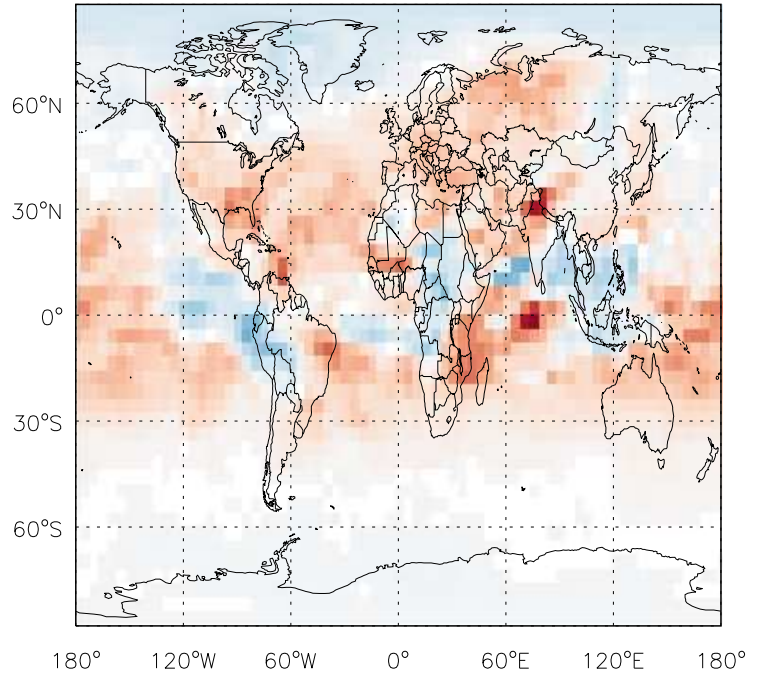


# GEOS-Chem Ratio Maps at surface and 500 hPa

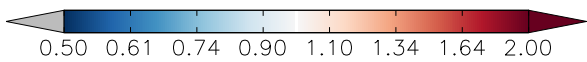
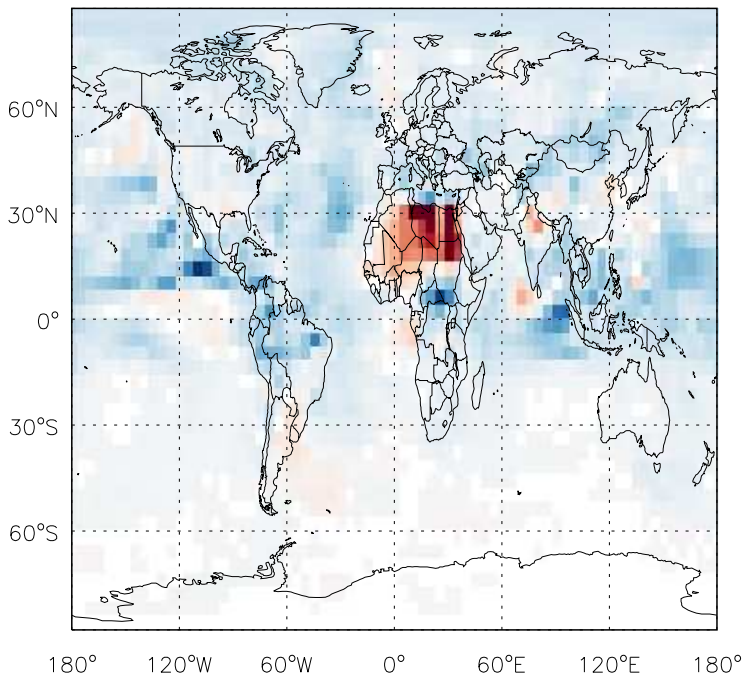
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ALK4 / Ratio @ Surface for Jul



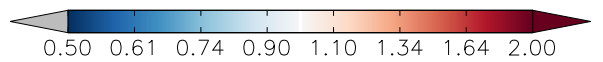
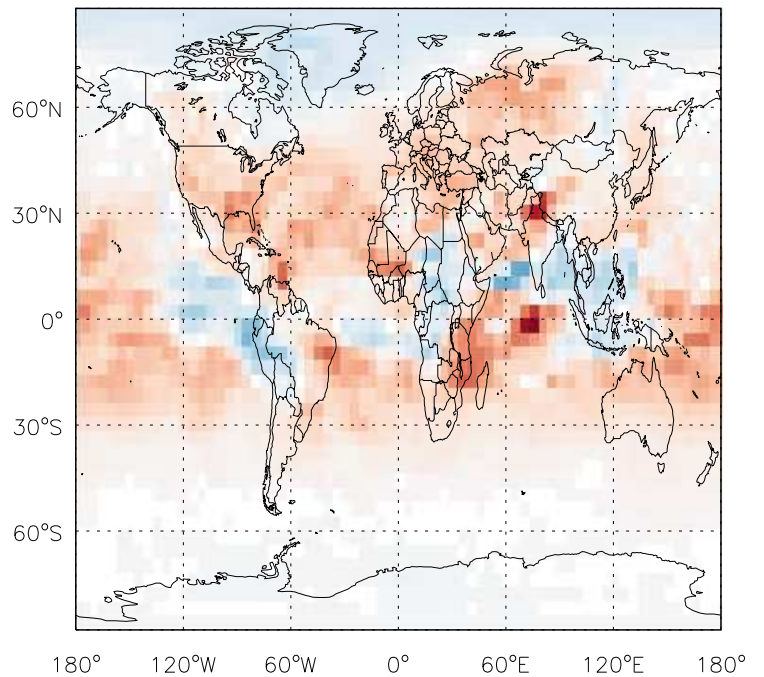
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ALK4/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ALK4 / Ratio @ Surface for Jul

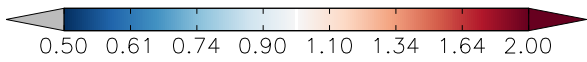
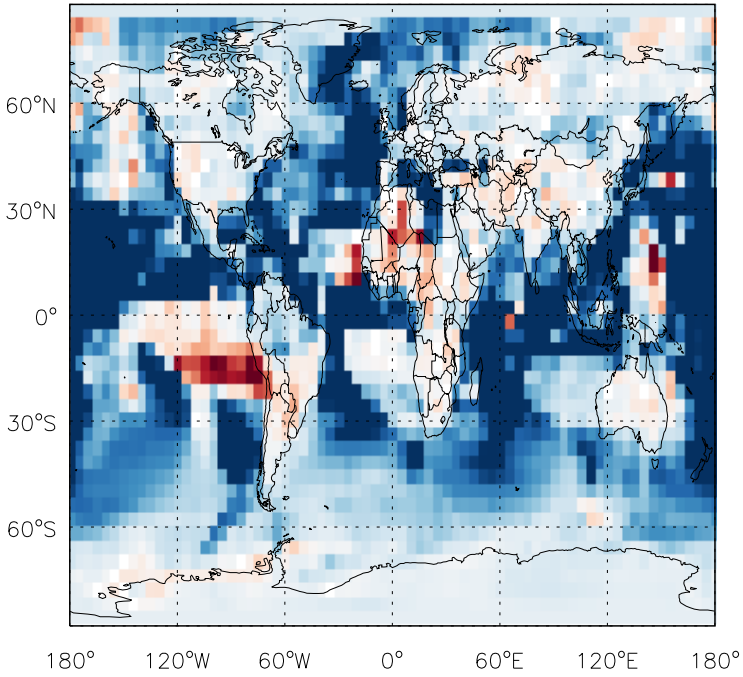


v11-01f-merra2-Run0 / v11-01d-Run1  
ALK4/ Ratio @ 500 hPa for Jul

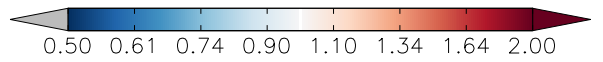
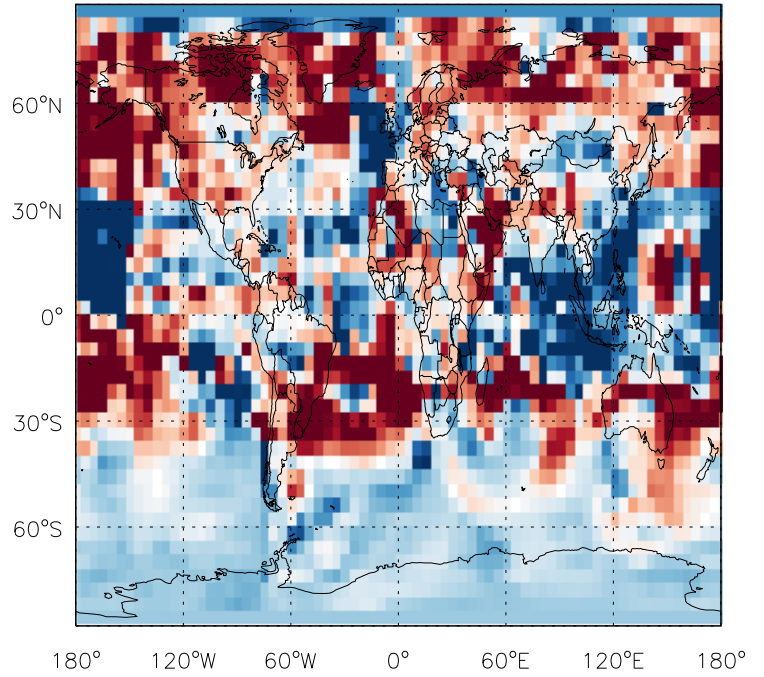


GEOS-Chem Ratio Maps at surface and 500 hPa

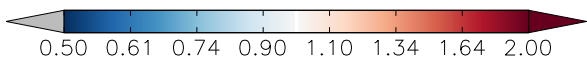
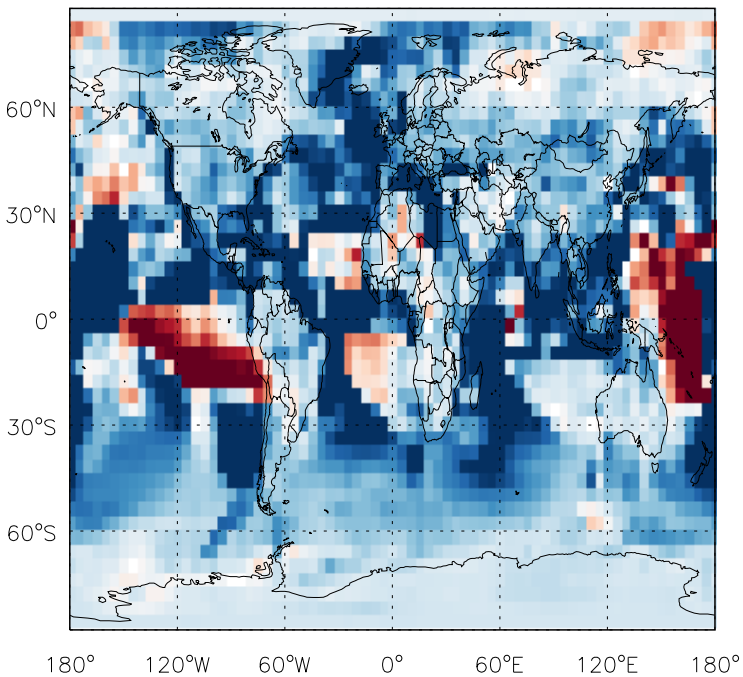
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ISOP / Ratio @ Surface for Jul



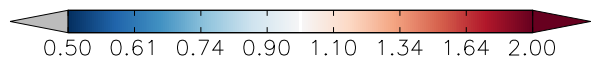
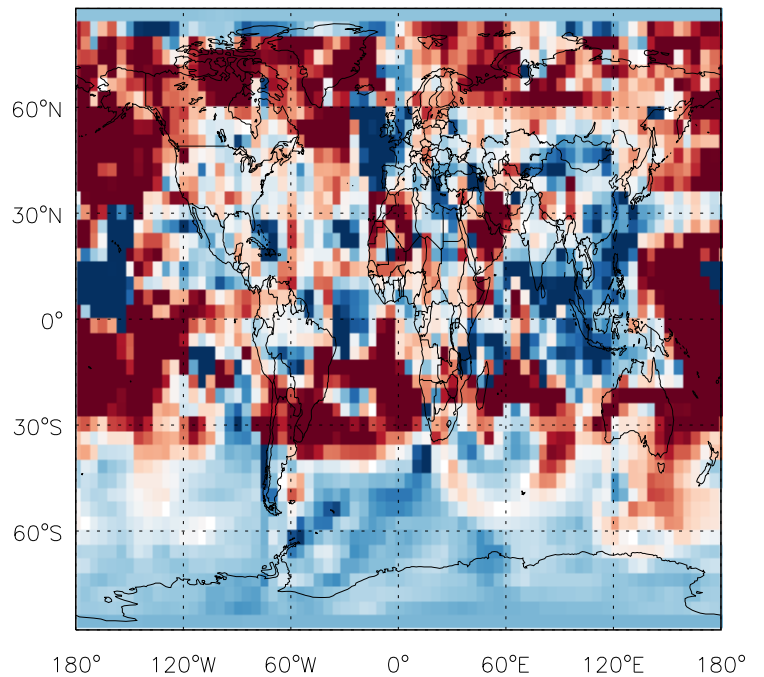
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ISOP / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ISOP / Ratio @ Surface for Jul

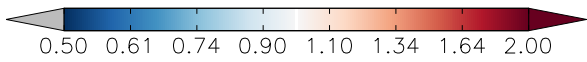
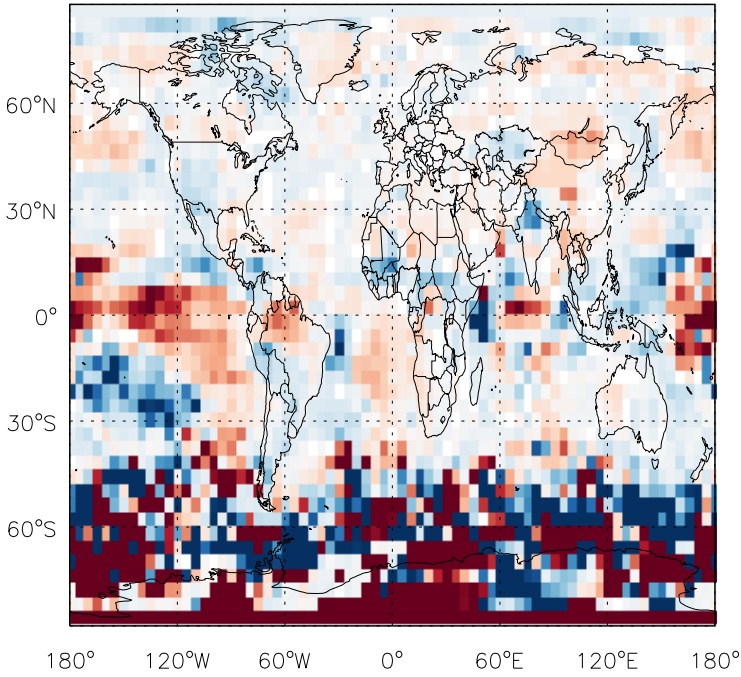


v11-01f-merra2-Run0 / v11-01d-Run1  
ISOP / Ratio @ 500 hPa for Jul

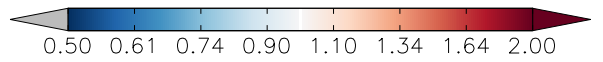
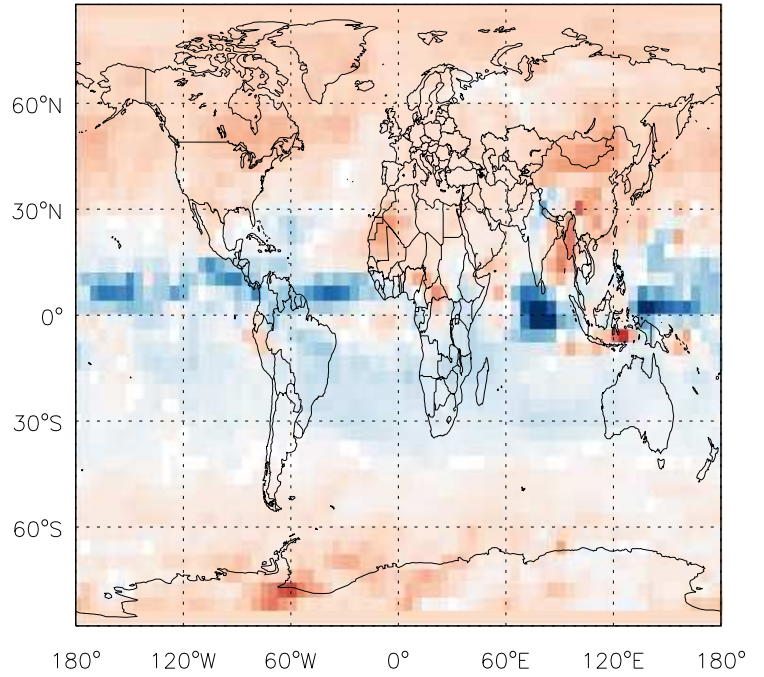


# GEOS-Chem Ratio Maps at surface and 500 hPa

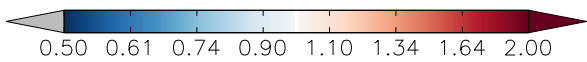
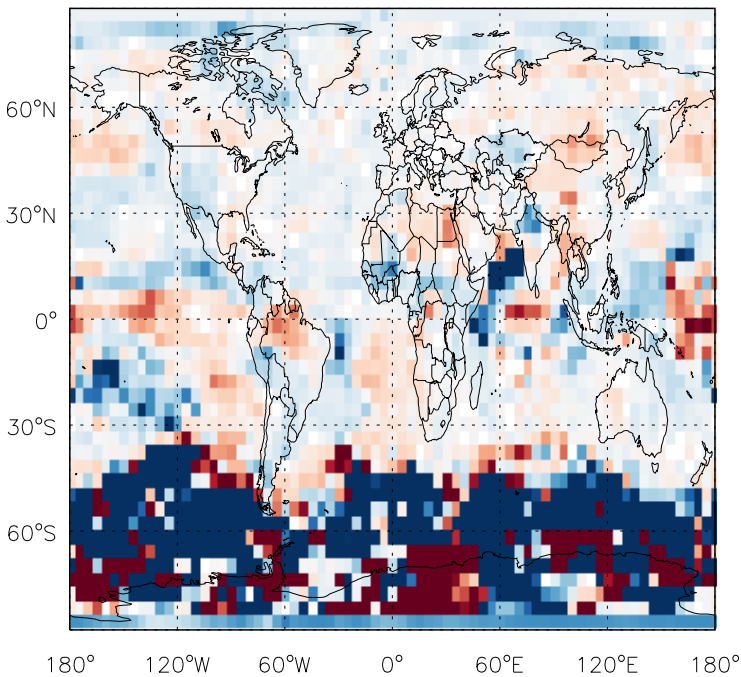
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HNO<sub>3</sub> / Ratio @ Surface for Jul



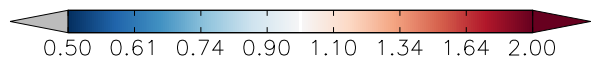
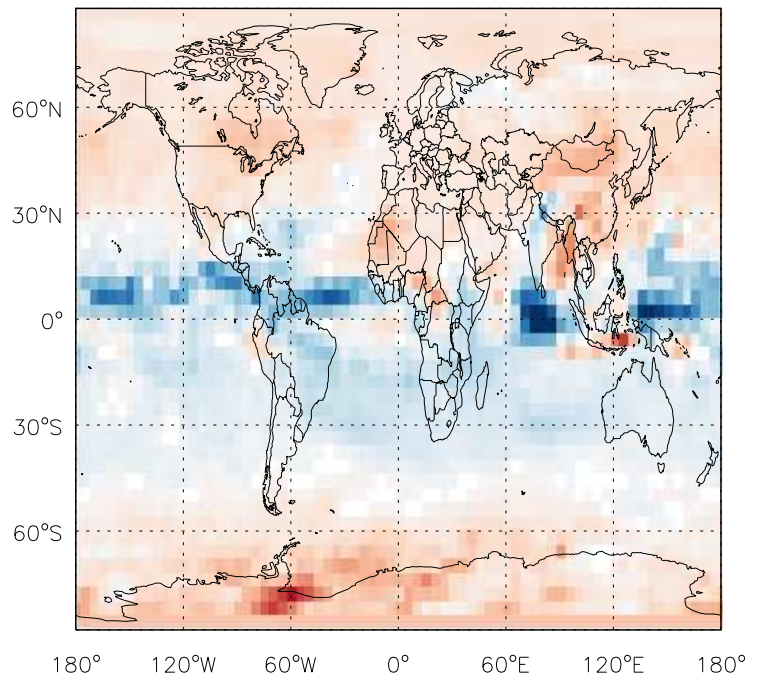
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HNO<sub>3</sub>/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HNO<sub>3</sub> / Ratio @ Surface for Jul

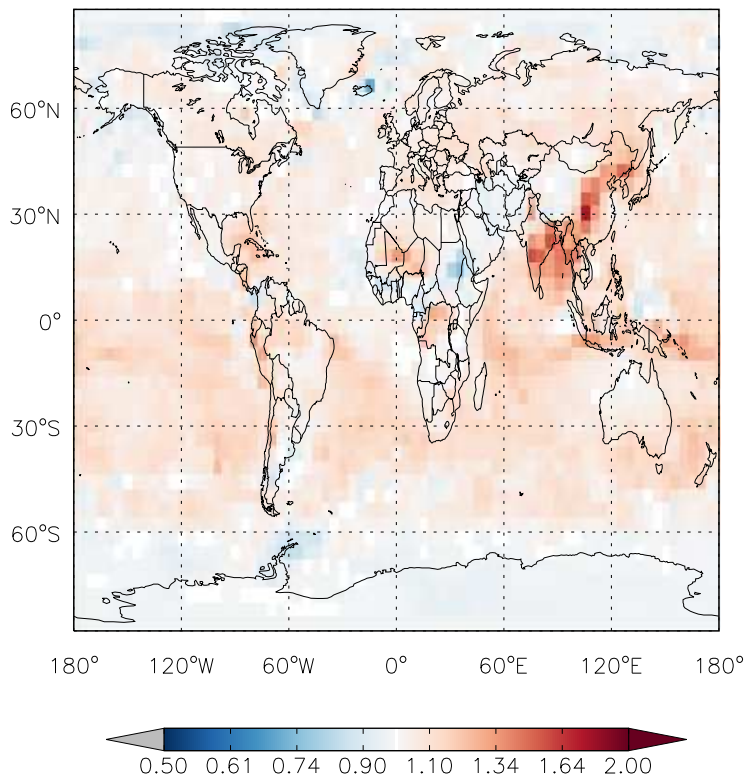


v11-01f-merra2-Run0 / v11-01d-Run1  
HNO<sub>3</sub>/ Ratio @ 500 hPa for Jul

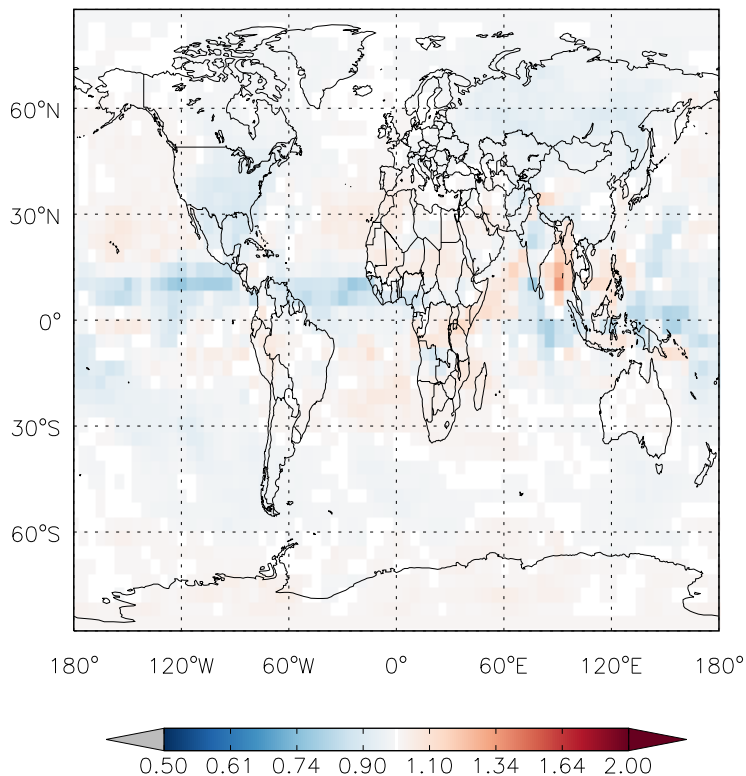


# GEOS-Chem Ratio Maps at surface and 500 hPa

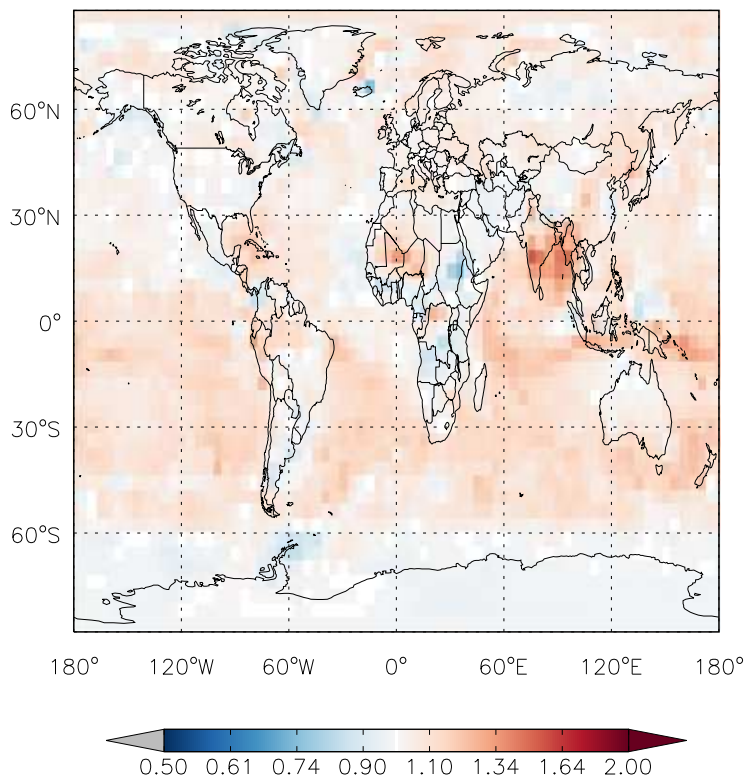
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2O2 / Ratio @ Surface for Jul



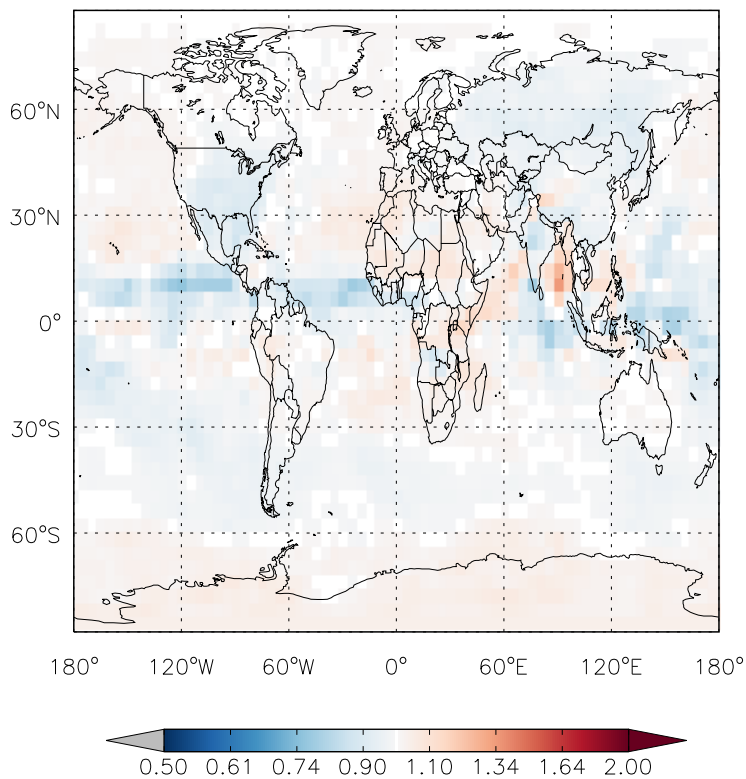
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2O2 / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H2O2 / Ratio @ Surface for Jul



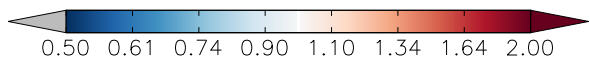
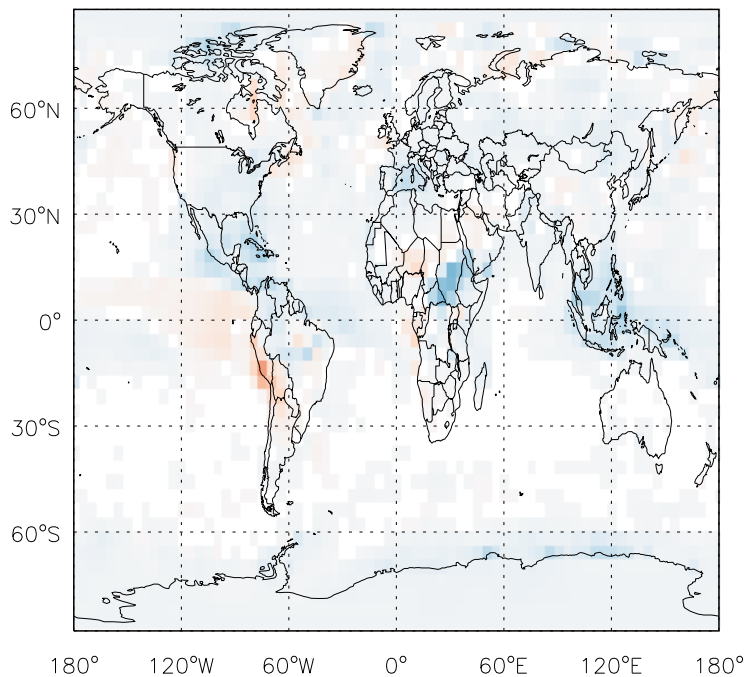
v11-01f-merra2-Run0 / v11-01d-Run1  
H2O2 / Ratio @ 500 hPa for Jul



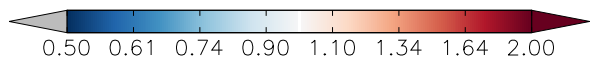
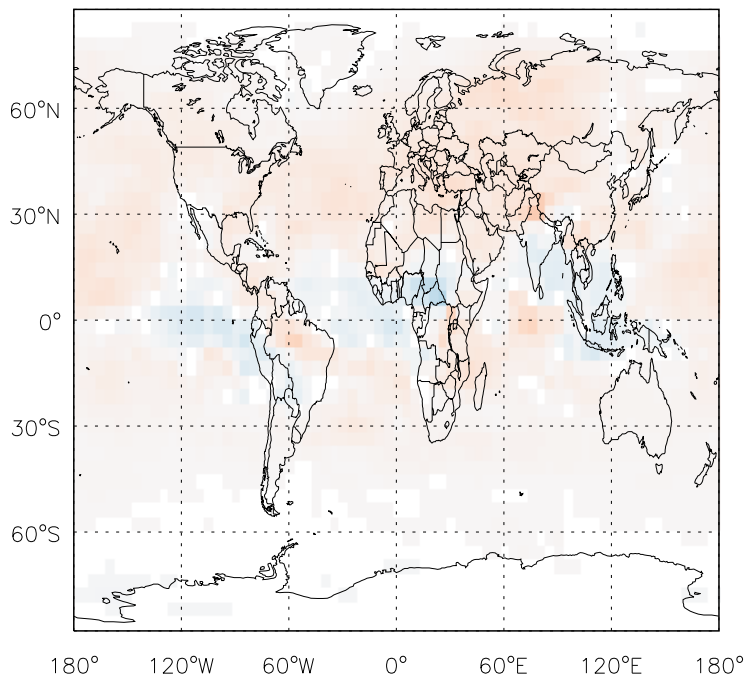


# GEOS-Chem Ratio Maps at surface and 500 hPa

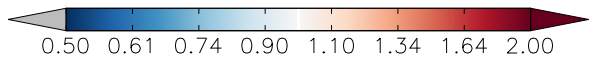
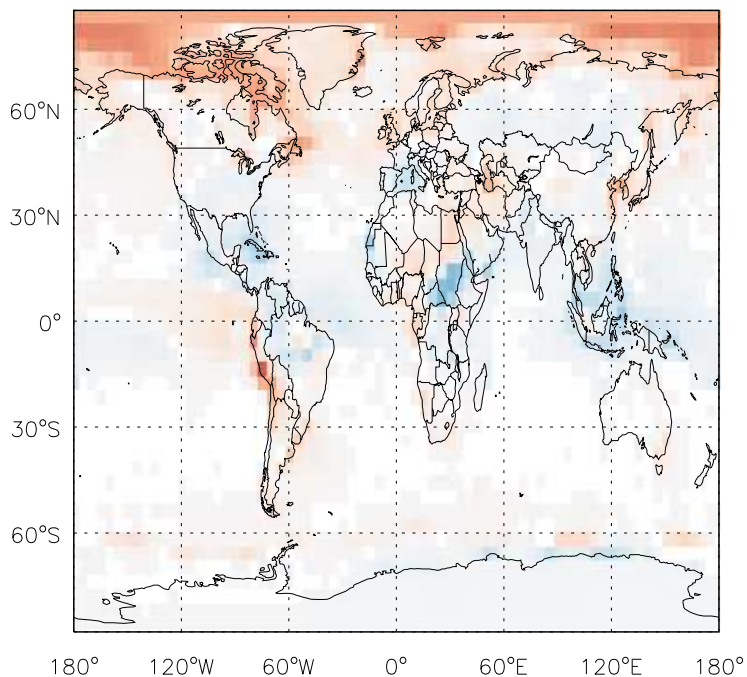
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ACET / Ratio @ Surface for Jul



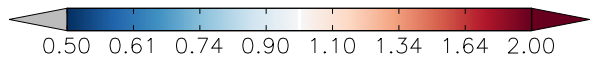
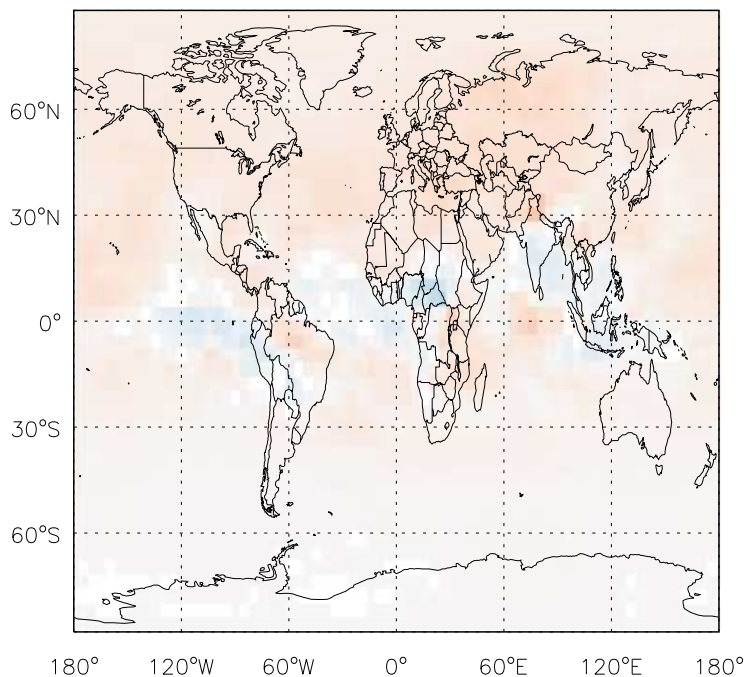
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ACET/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ACET / Ratio @ Surface for Jul



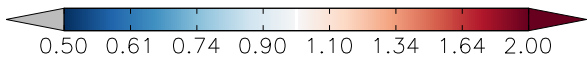
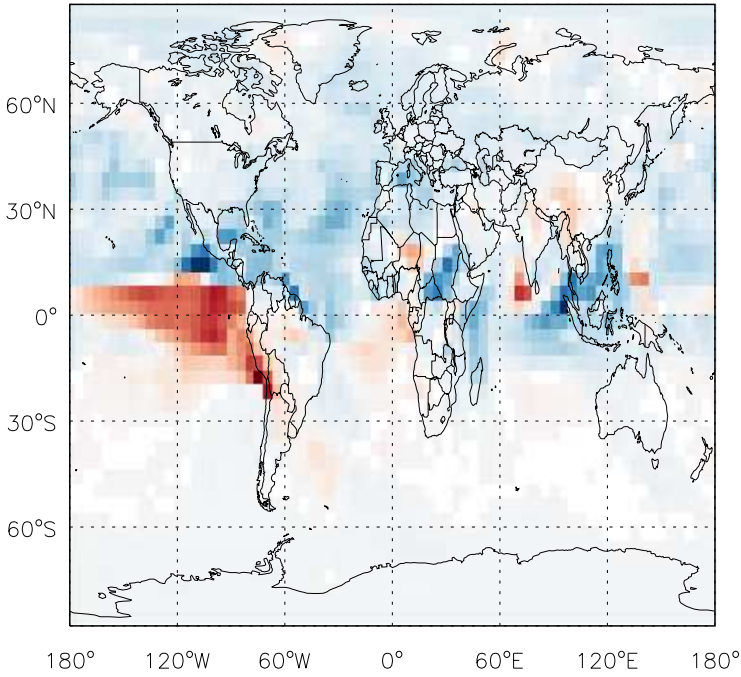
v11-01f-merra2-Run0 / v11-01d-Run1  
ACET/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

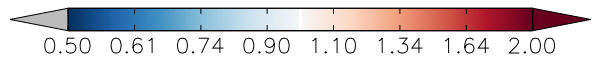
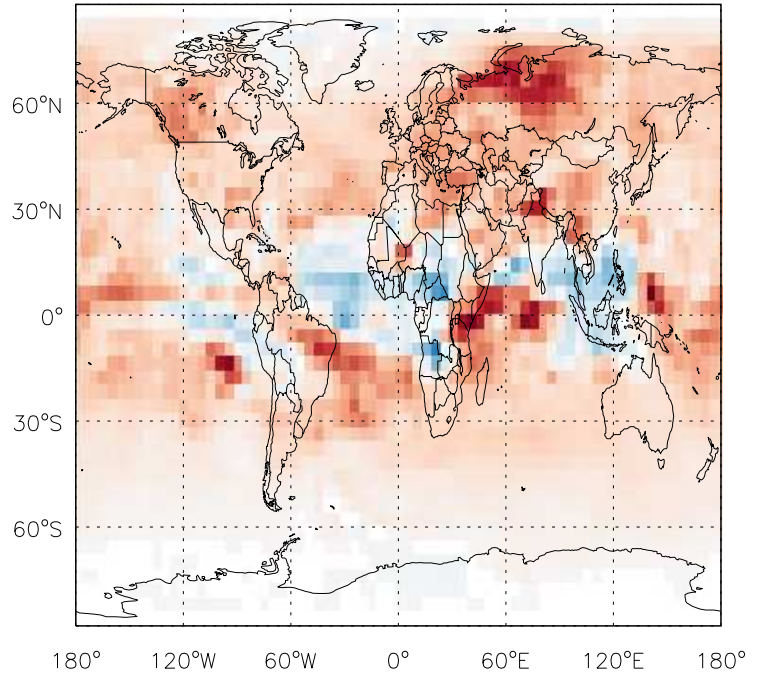
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

MEK / Ratio @ Surface for Jul



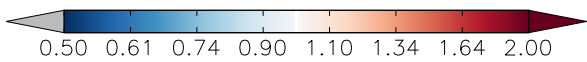
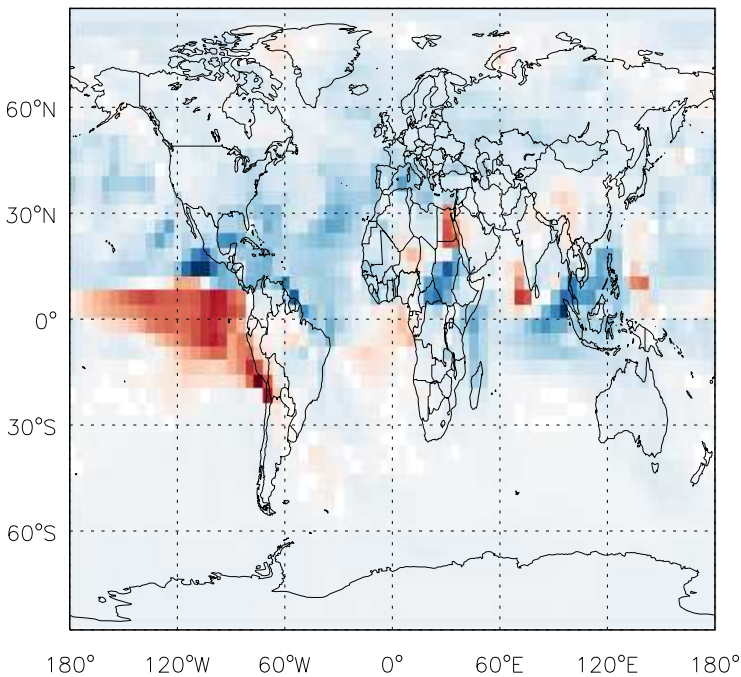
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

MEK/ Ratio @ 500 hPa for Jul



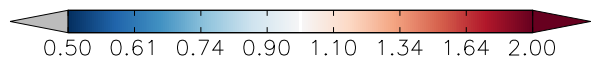
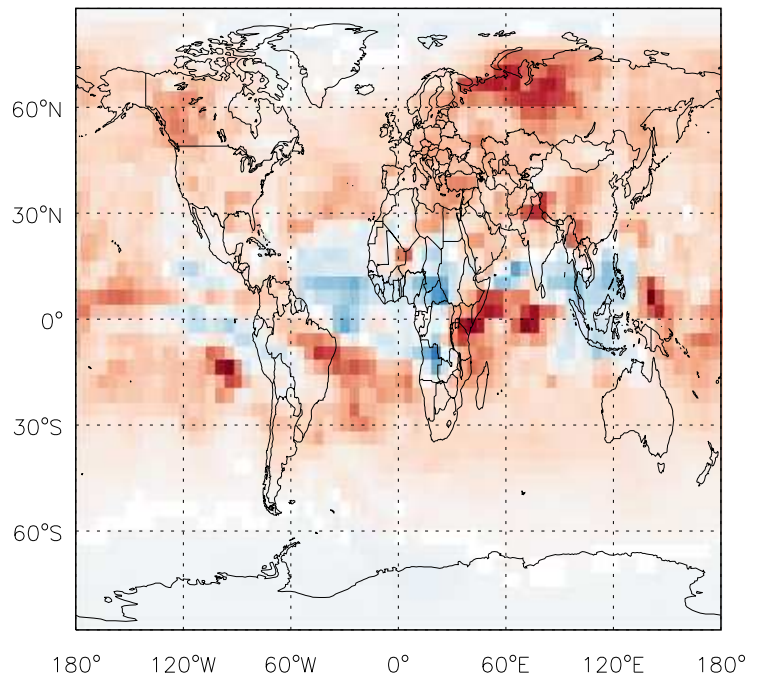
v11-01f-merra2-Run0 / v11-01d-Run1

MEK / Ratio @ Surface for Jul



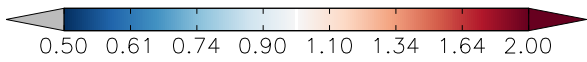
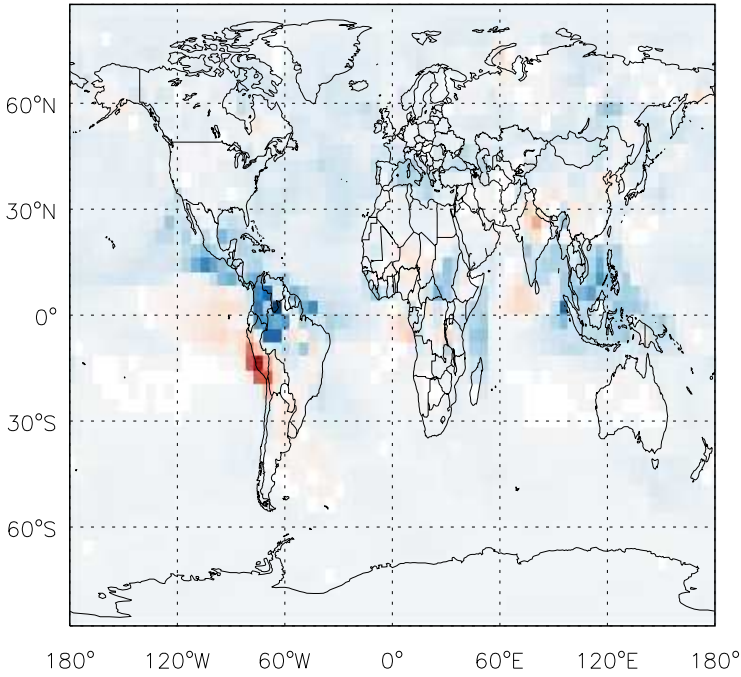
v11-01f-merra2-Run0 / v11-01d-Run1

MEK/ Ratio @ 500 hPa for Jul

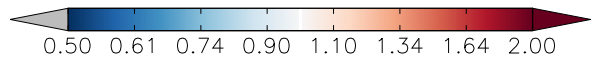
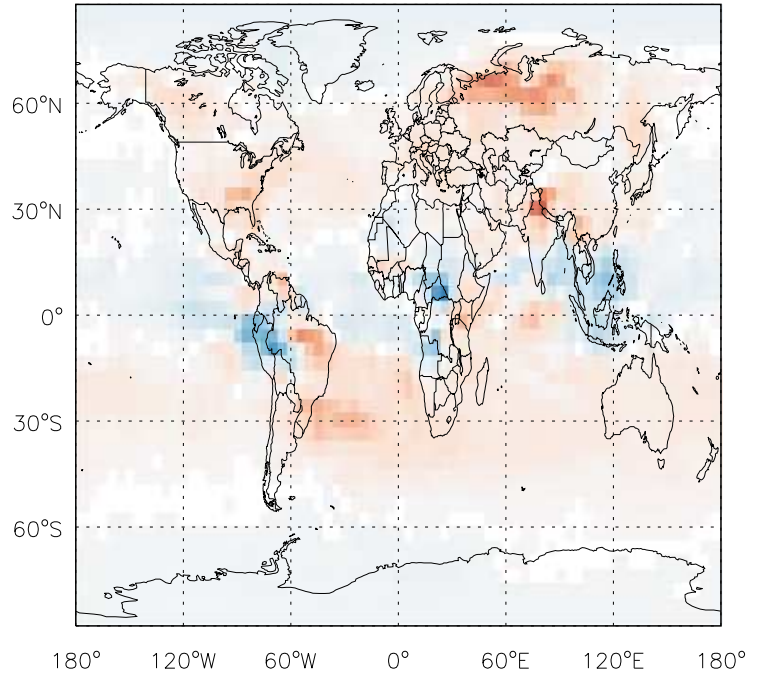


# GEOS-Chem Ratio Maps at surface and 500 hPa

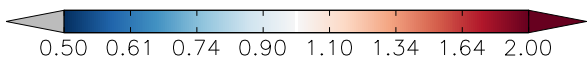
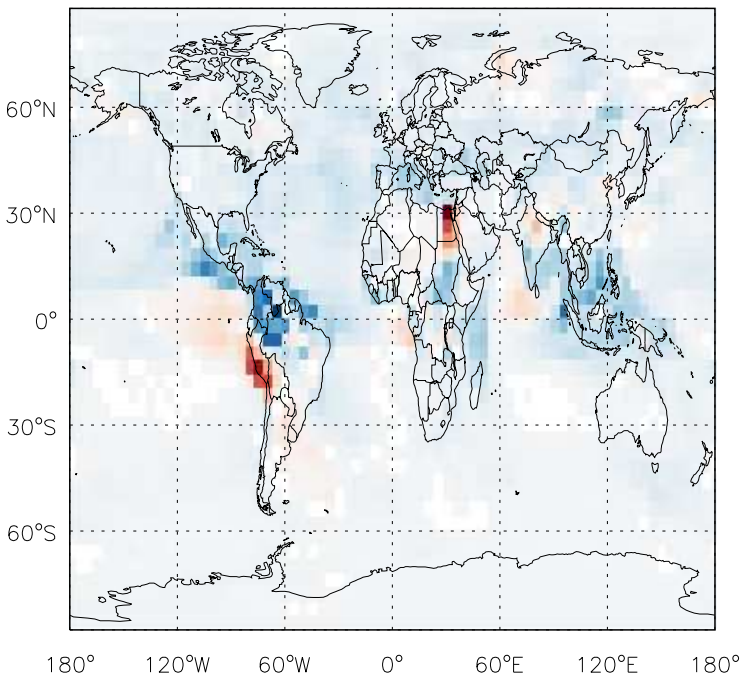
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ALD2 / Ratio @ Surface for Jul



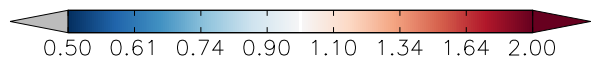
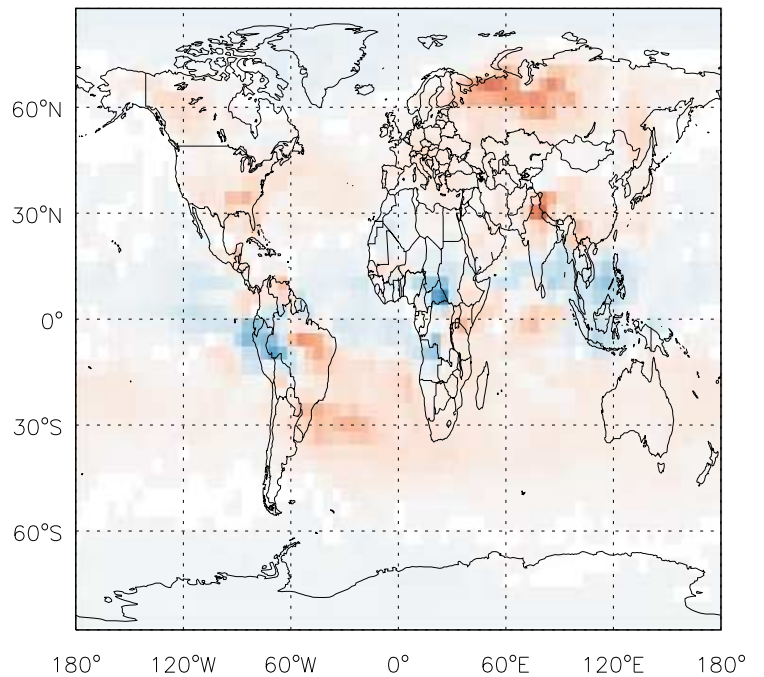
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ALD2/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ALD2 / Ratio @ Surface for Jul

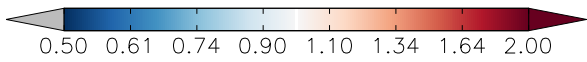
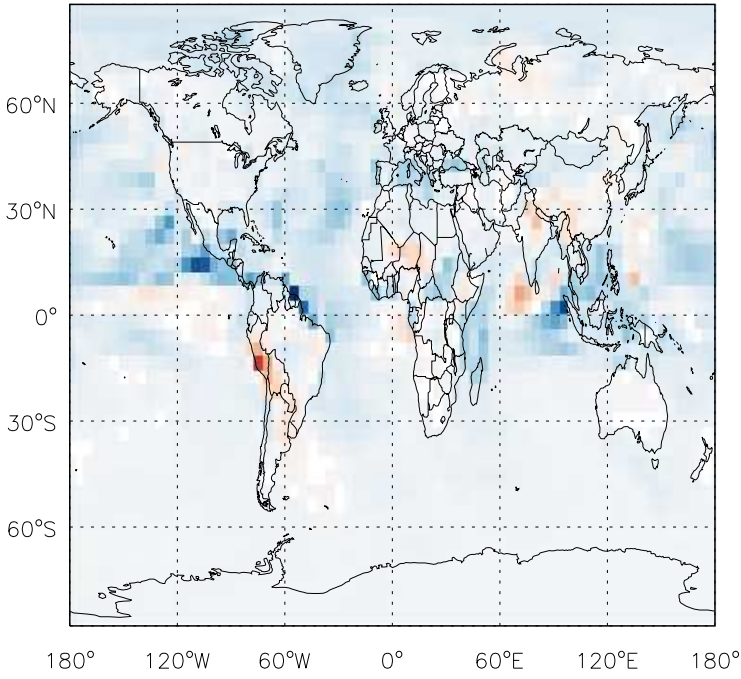


v11-01f-merra2-Run0 / v11-01d-Run1  
ALD2/ Ratio @ 500 hPa for Jul

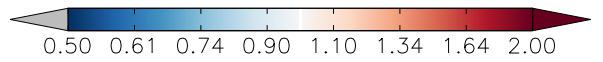
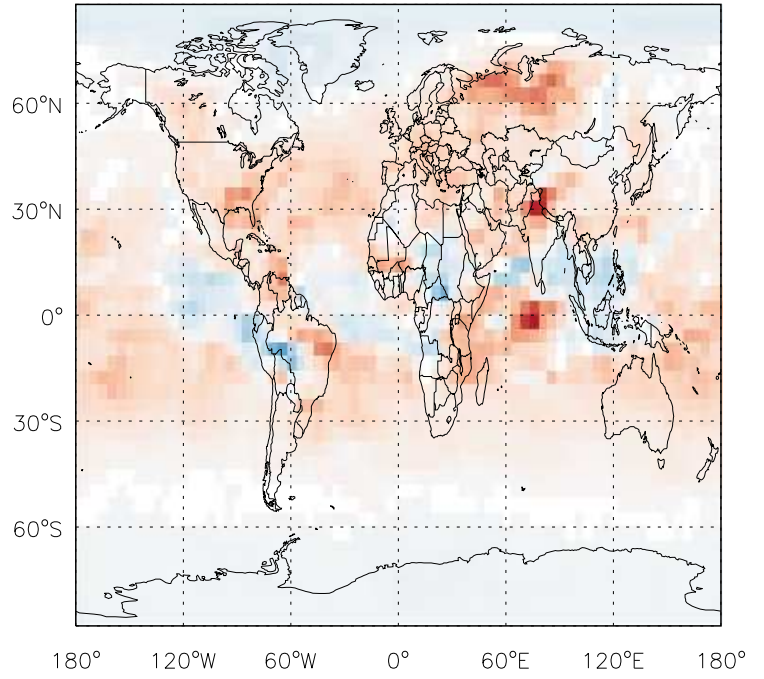


# GEOS-Chem Ratio Maps at surface and 500 hPa

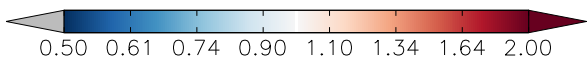
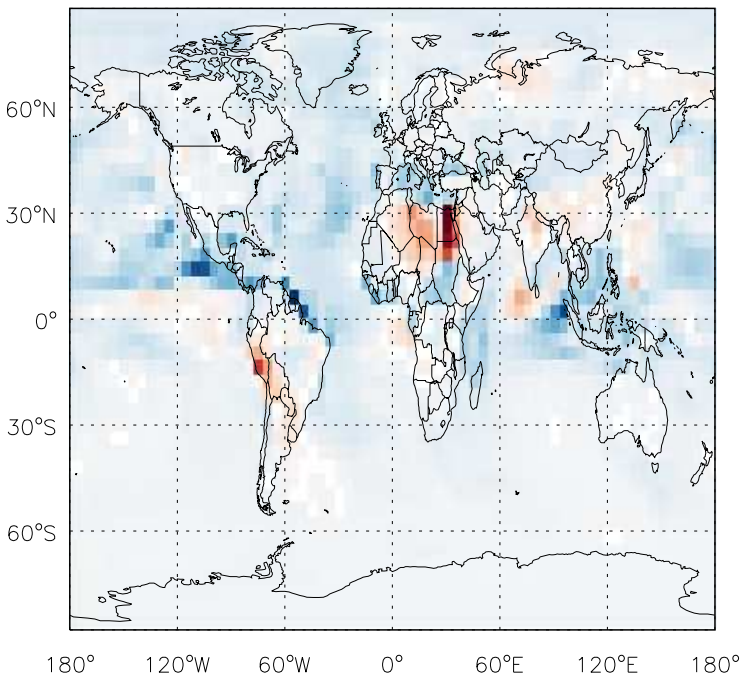
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
RCHO / Ratio @ Surface for Jul



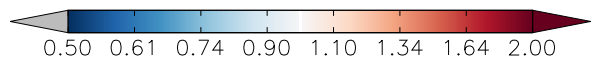
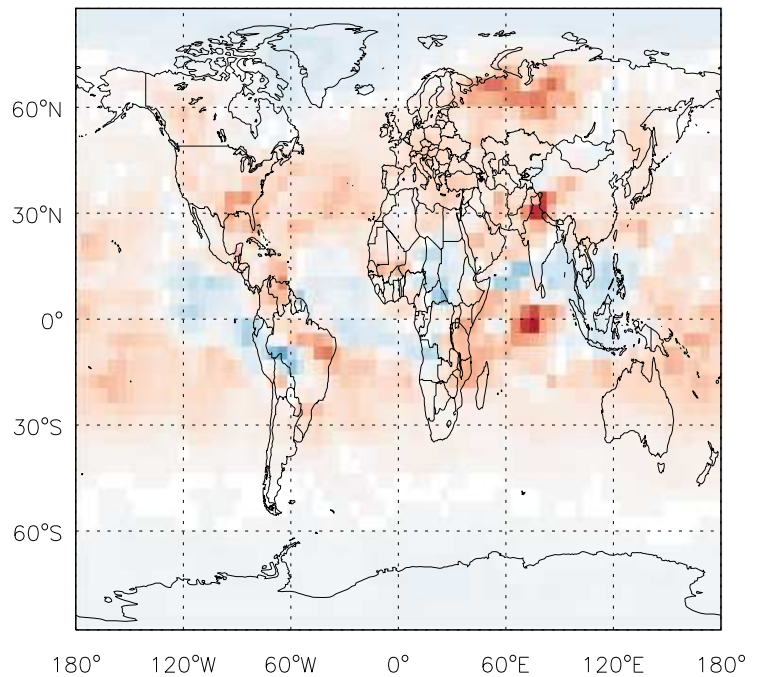
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
RCHO / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
RCHO / Ratio @ Surface for Jul



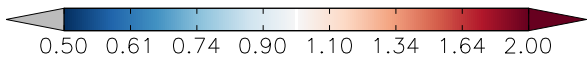
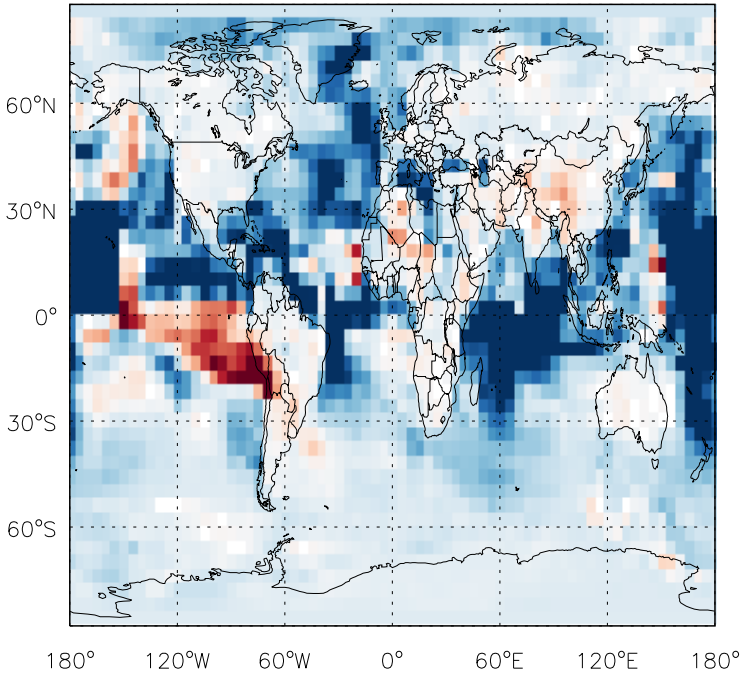
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RCHO / Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

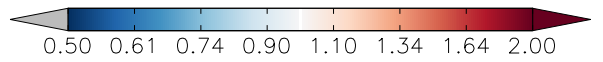
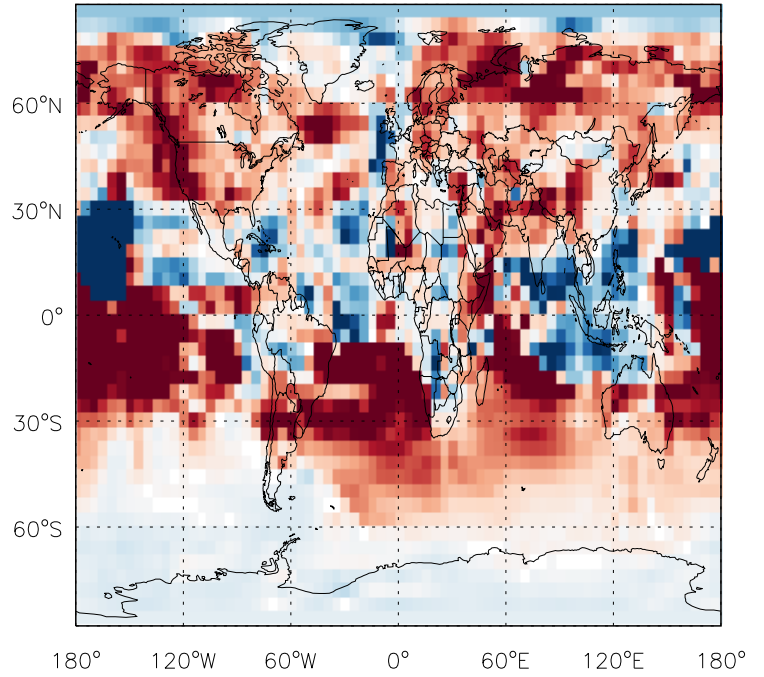
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

MVK / Ratio @ Surface for Jul



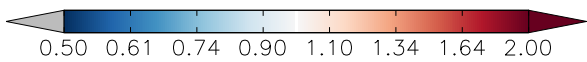
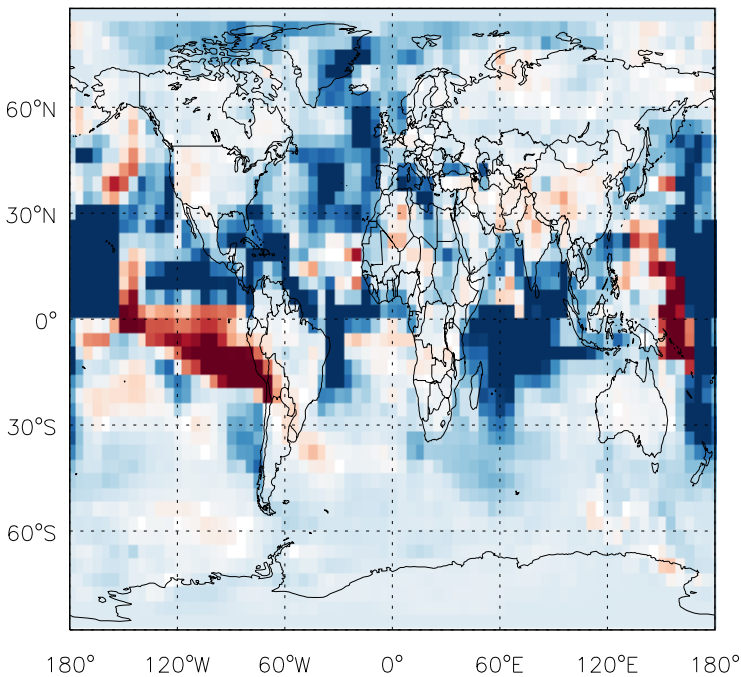
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

MVK/ Ratio @ 500 hPa for Jul



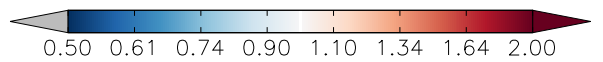
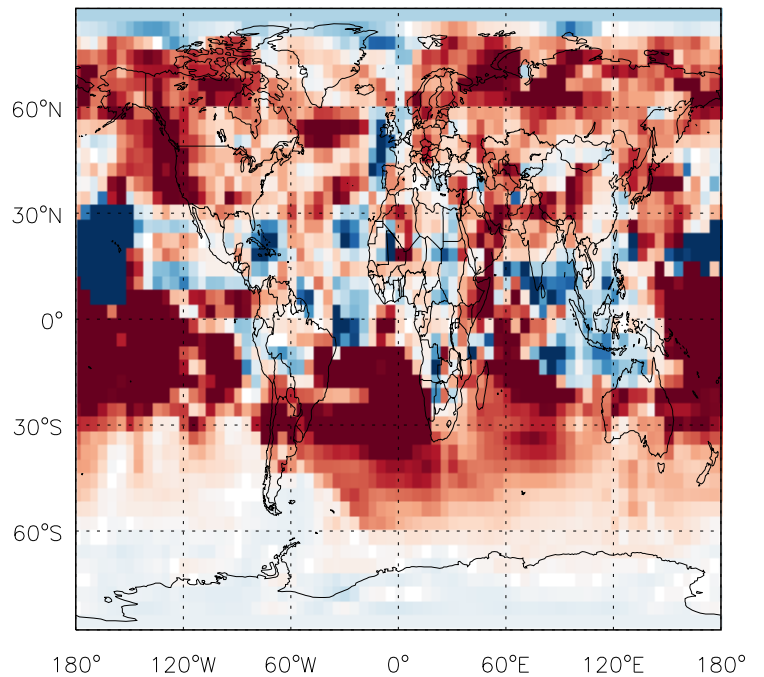
v11-01f-merra2-Run0 / v11-01d-Run1

MVK / Ratio @ Surface for Jul



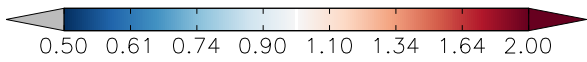
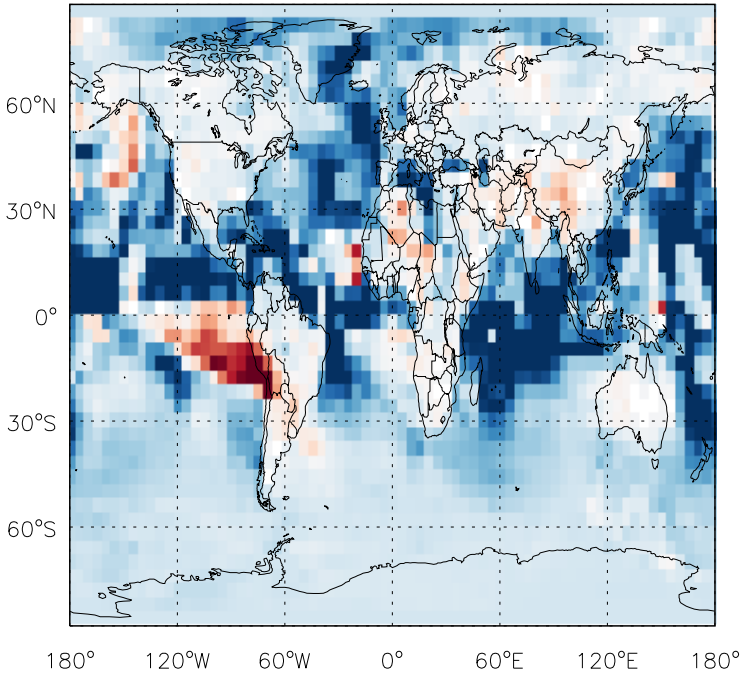
v11-01f-merra2-Run0 / v11-01d-Run1

MVK/ Ratio @ 500 hPa for Jul

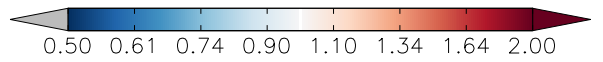
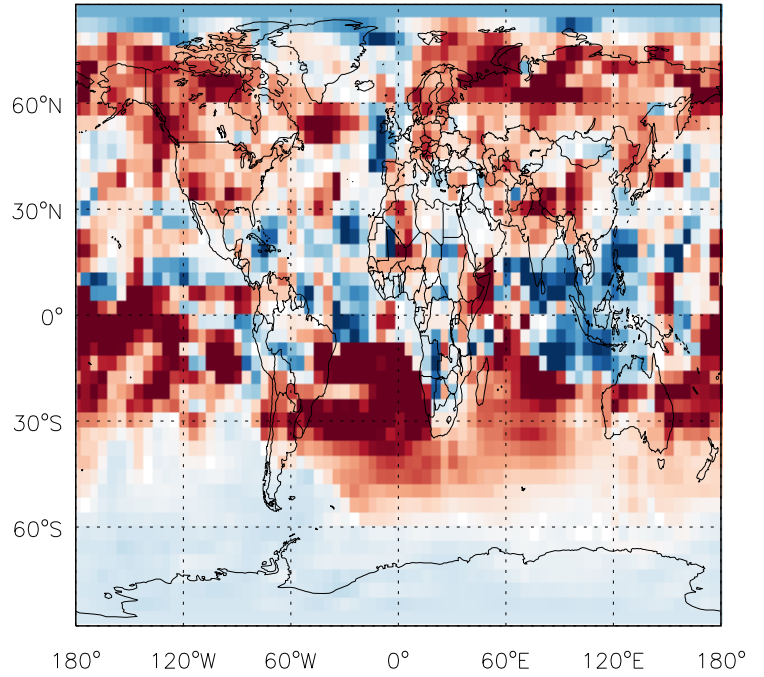


GEOS-Chem Ratio Maps at surface and 500 hPa

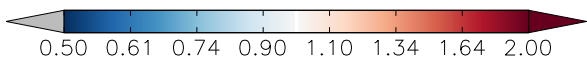
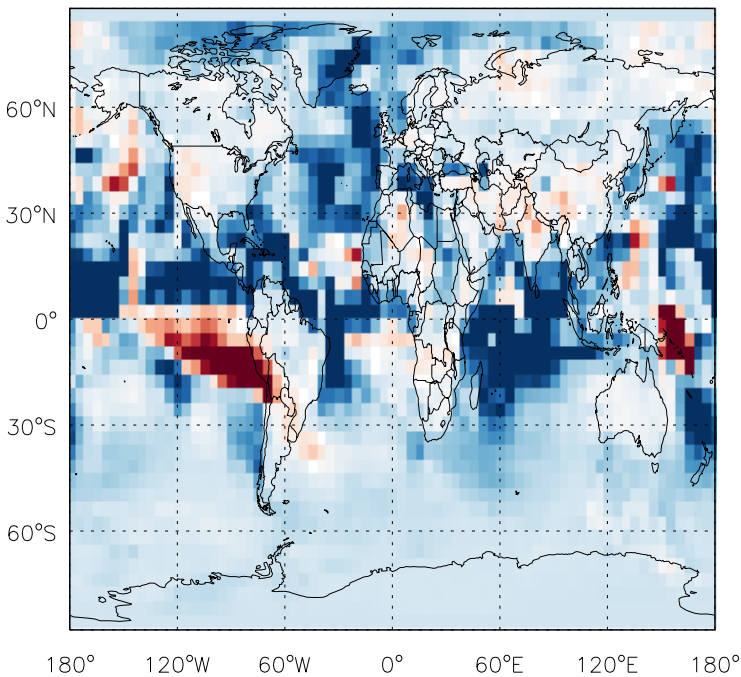
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MACR / Ratio @ Surface for Jul



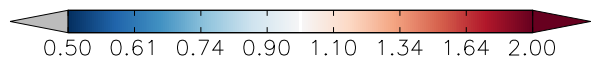
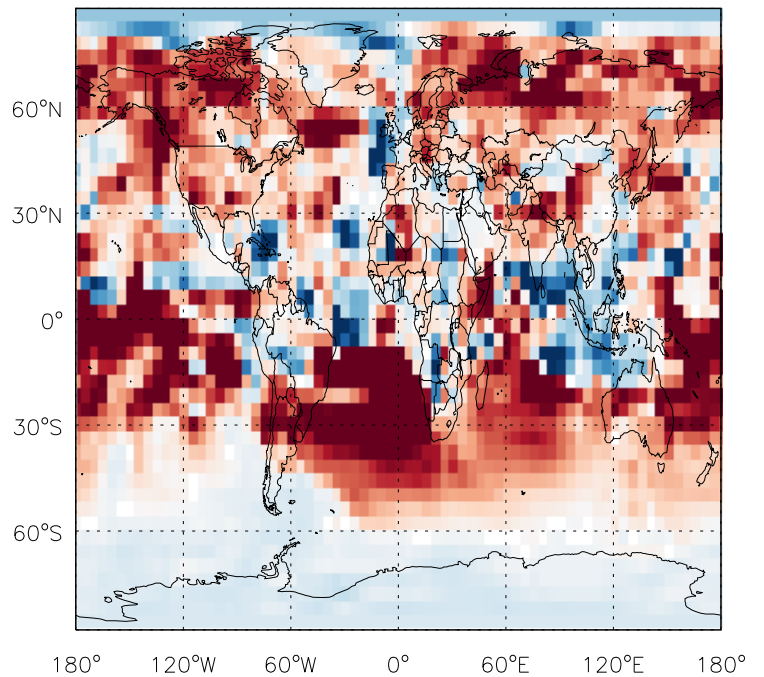
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MACR/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
MACR / Ratio @ Surface for Jul

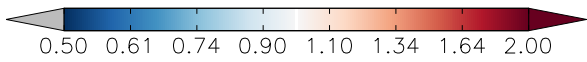
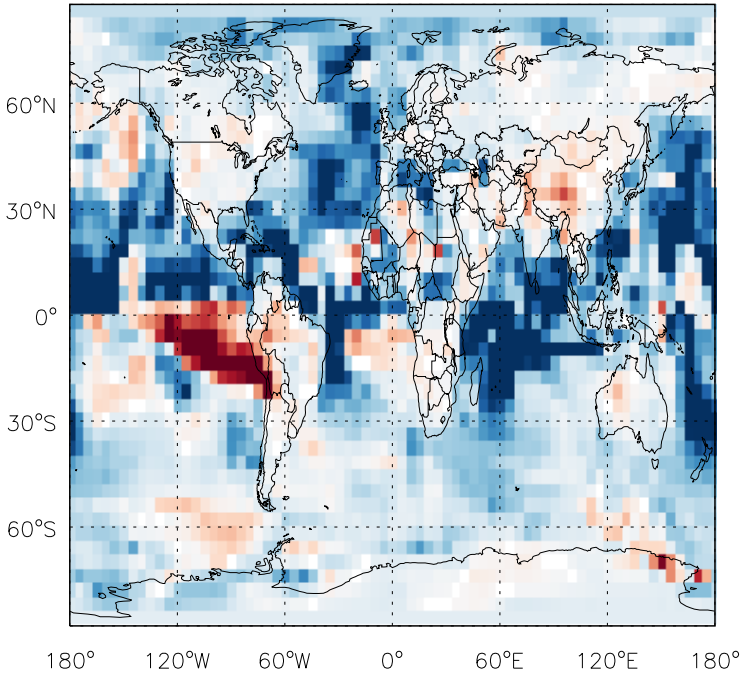


v11-01f-merra2-Run0 / v11-01d-Run1  
MACR/ Ratio @ 500 hPa for Jul

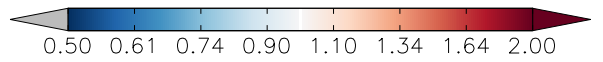
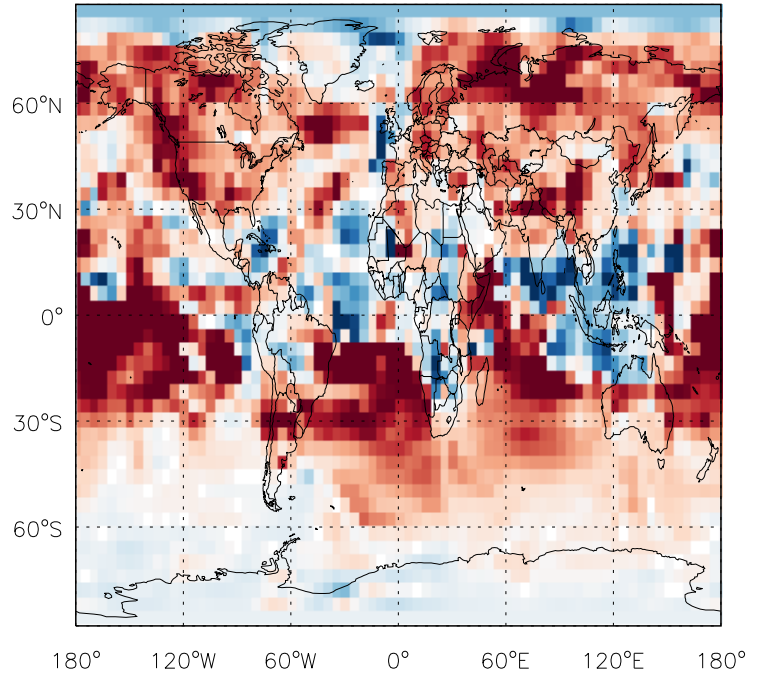


GEOS-Chem Ratio Maps at surface and 500 hPa

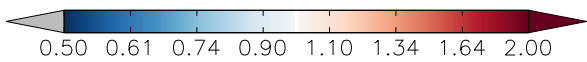
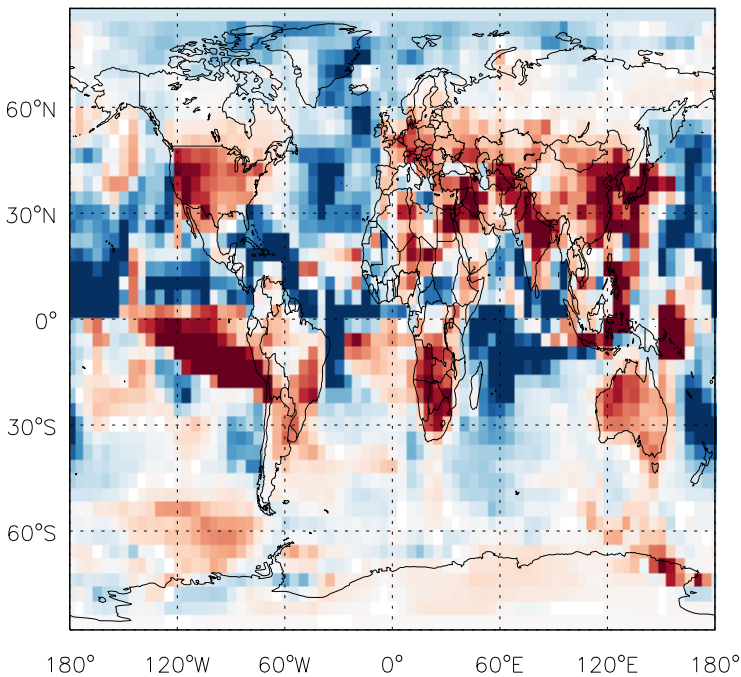
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PMN / Ratio @ Surface for Jul



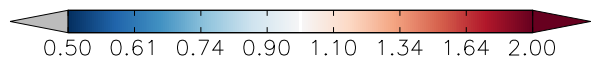
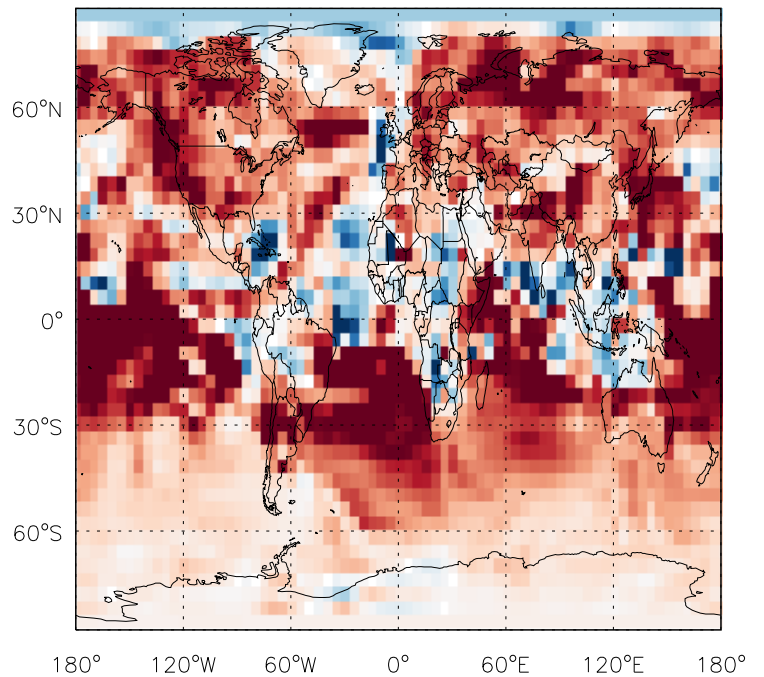
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PMN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
PMN / Ratio @ Surface for Jul

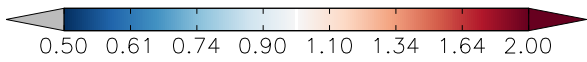
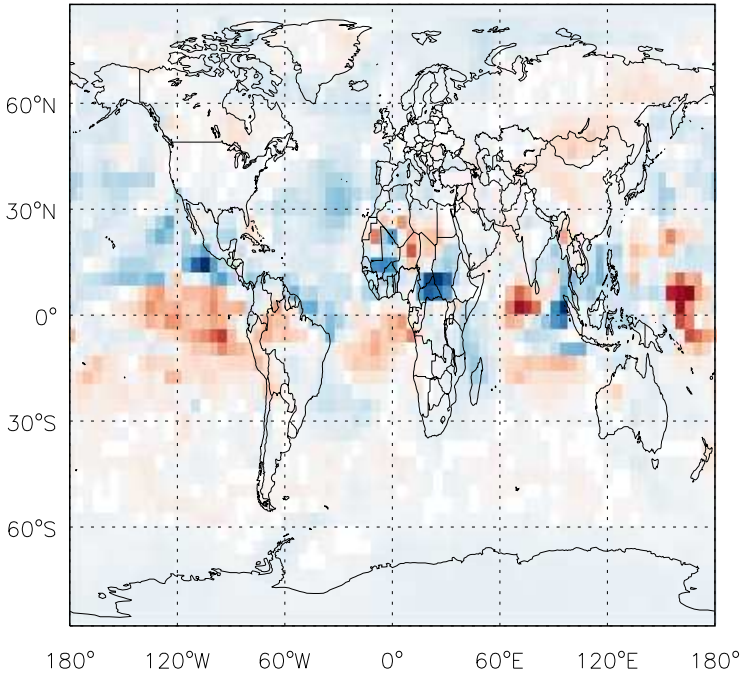


v11-01f-merra2-Run0 / v11-01d-Run1  
PMN/ Ratio @ 500 hPa for Jul

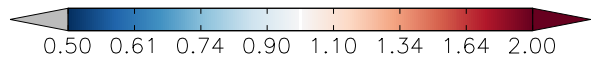
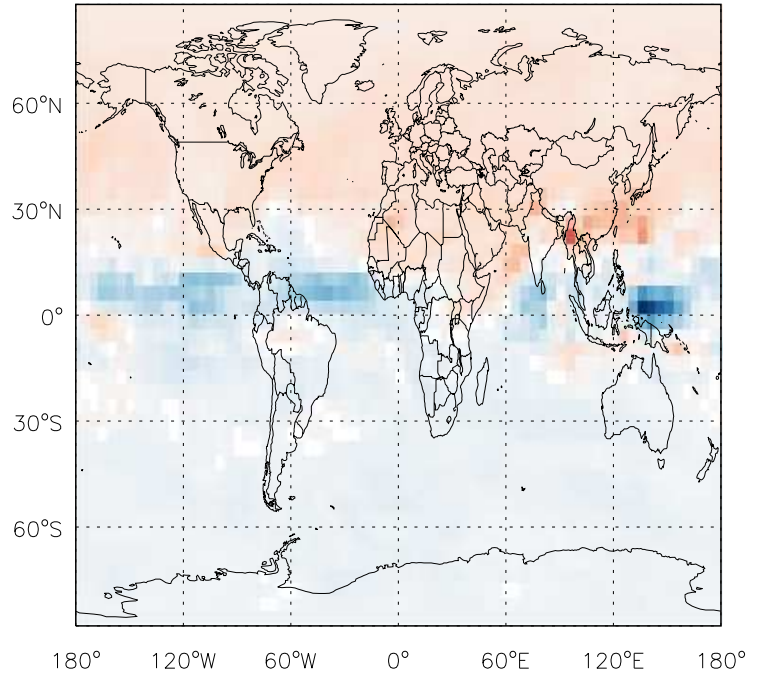


GEOS-Chem Ratio Maps at surface and 500 hPa

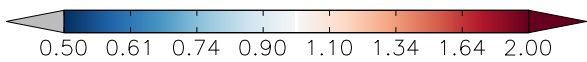
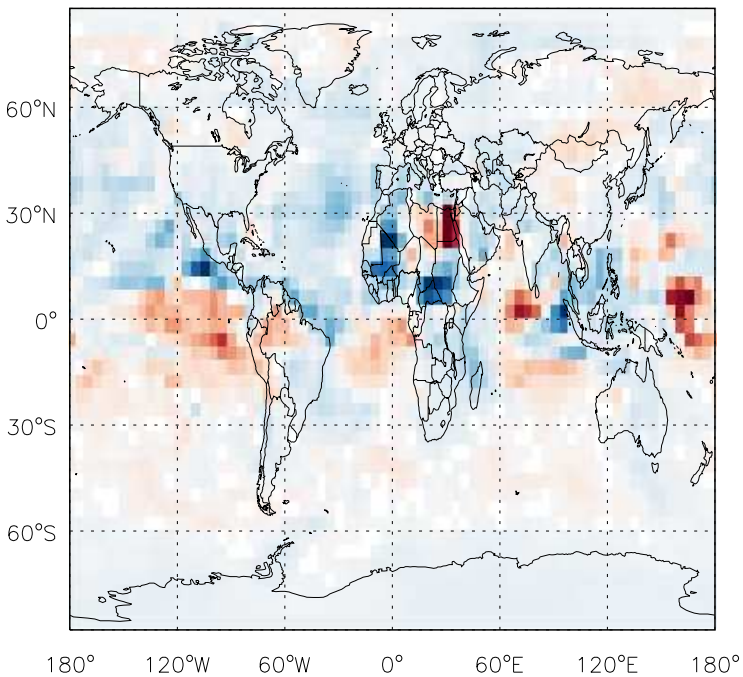
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PPN / Ratio @ Surface for Jul



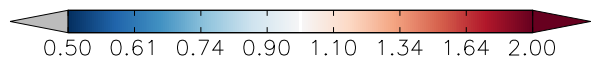
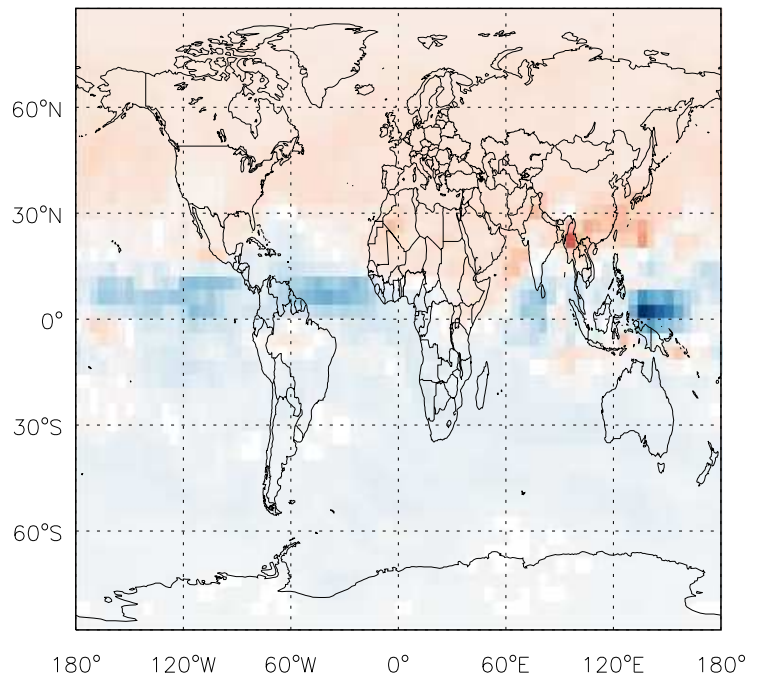
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PPN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
PPN / Ratio @ Surface for Jul



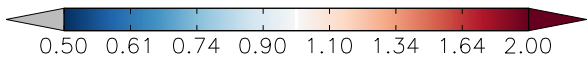
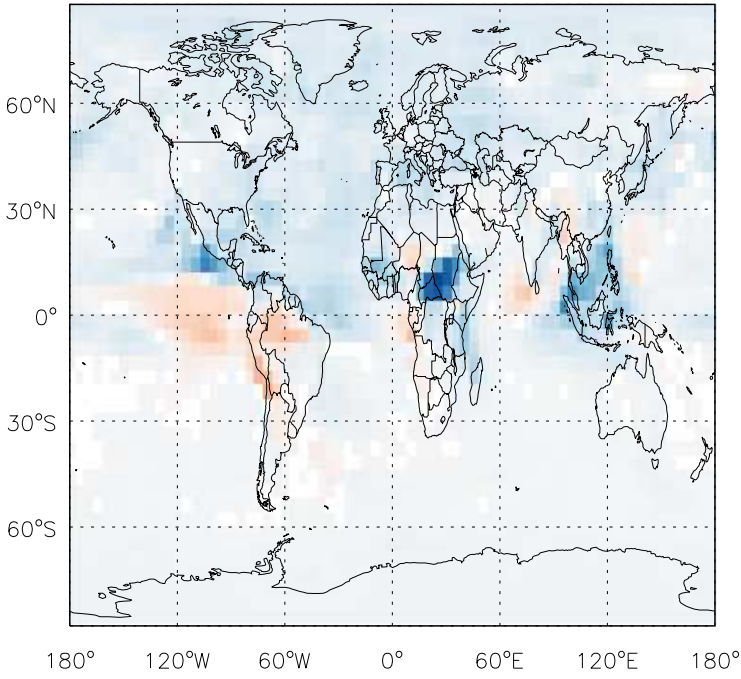
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PPN/ Ratio @ 500 hPa for Jul



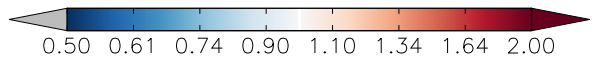
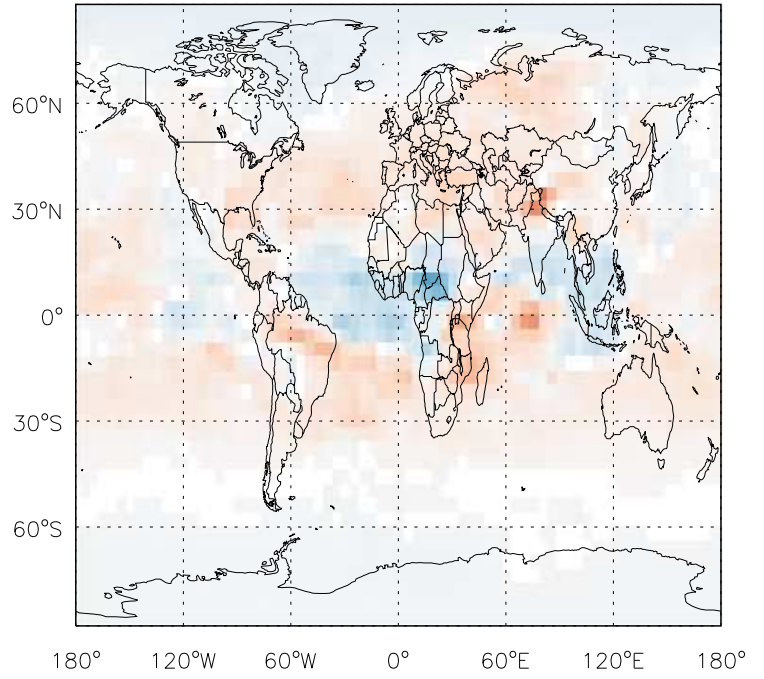


# GEOS-Chem Ratio Maps at surface and 500 hPa

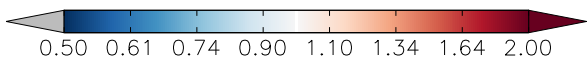
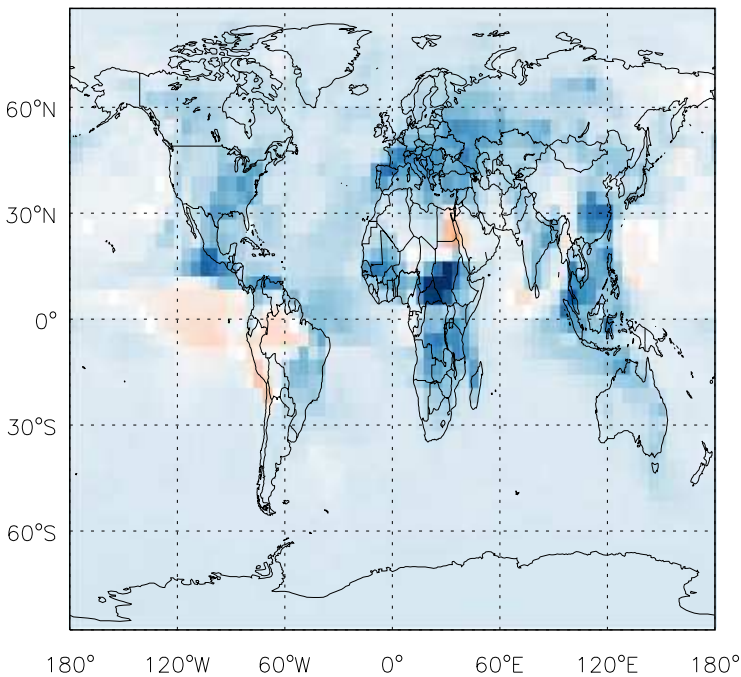
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
R4N2 / Ratio @ Surface for Jul



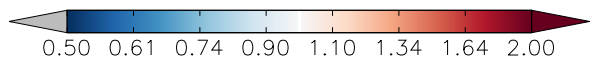
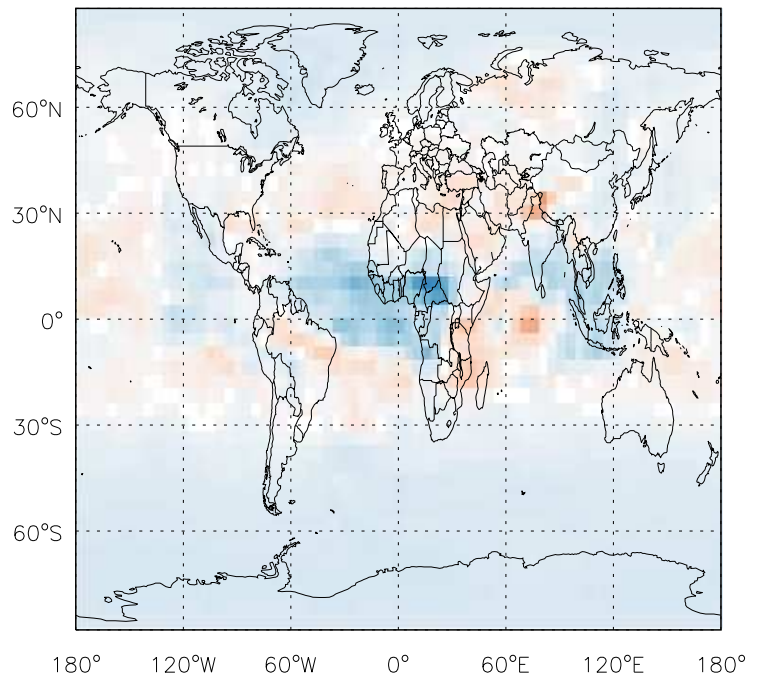
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
R4N2/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
R4N2 / Ratio @ Surface for Jul

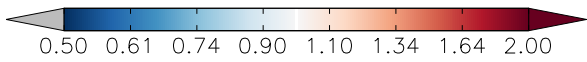
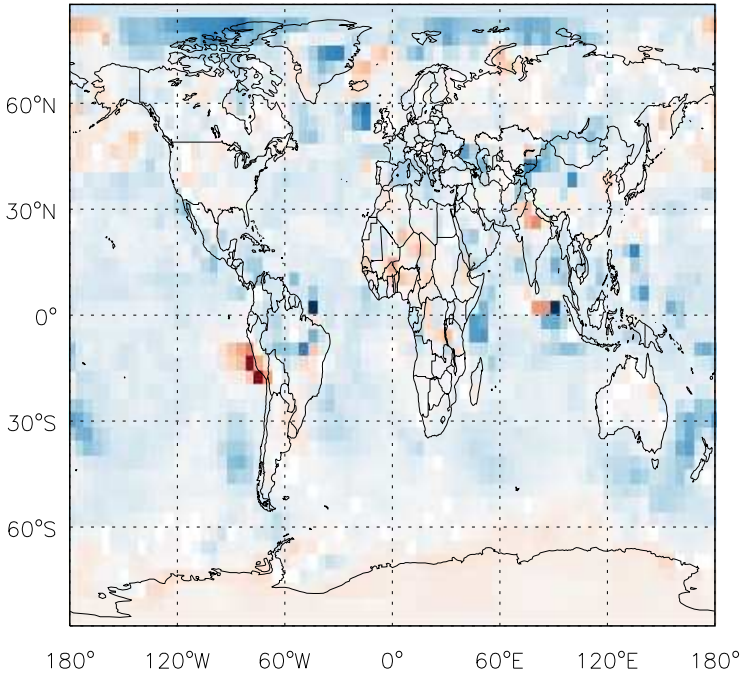


v11-01f-merra2-Run0 / v11-01d-Run1  
R4N2/ Ratio @ 500 hPa for Jul

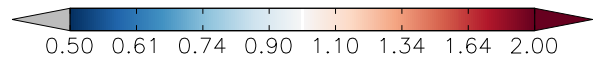
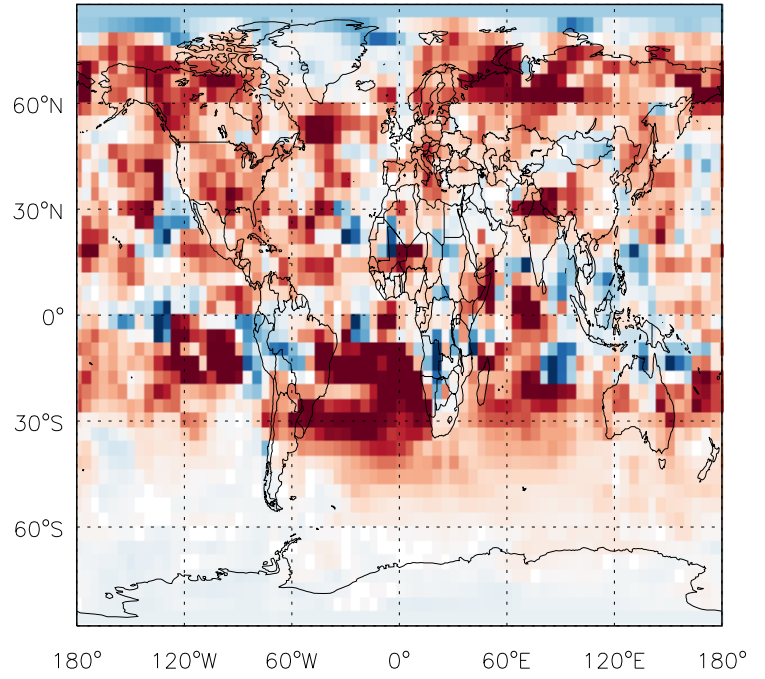


# GEOS-Chem Ratio Maps at surface and 500 hPa

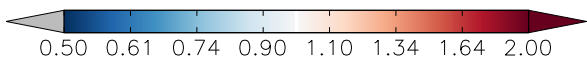
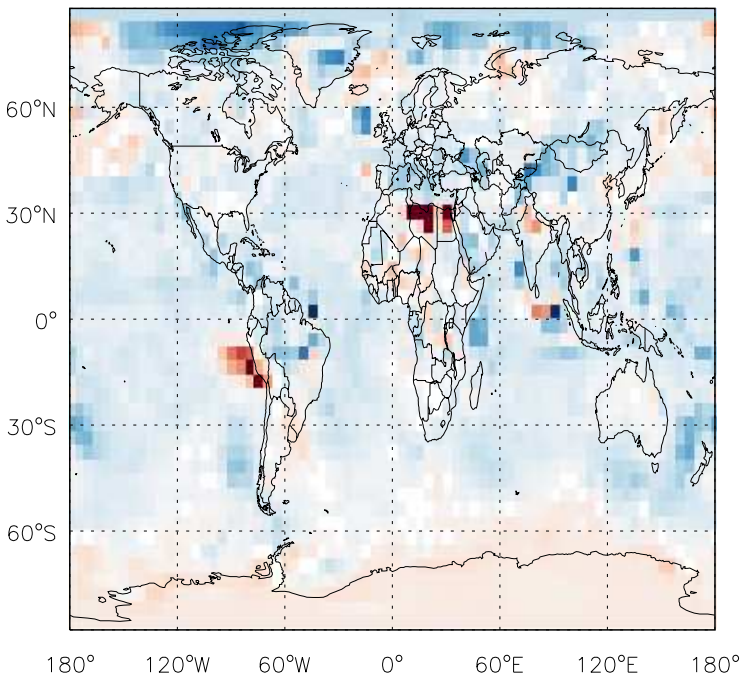
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PRPE / Ratio @ Surface for Jul



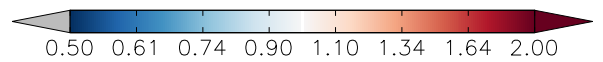
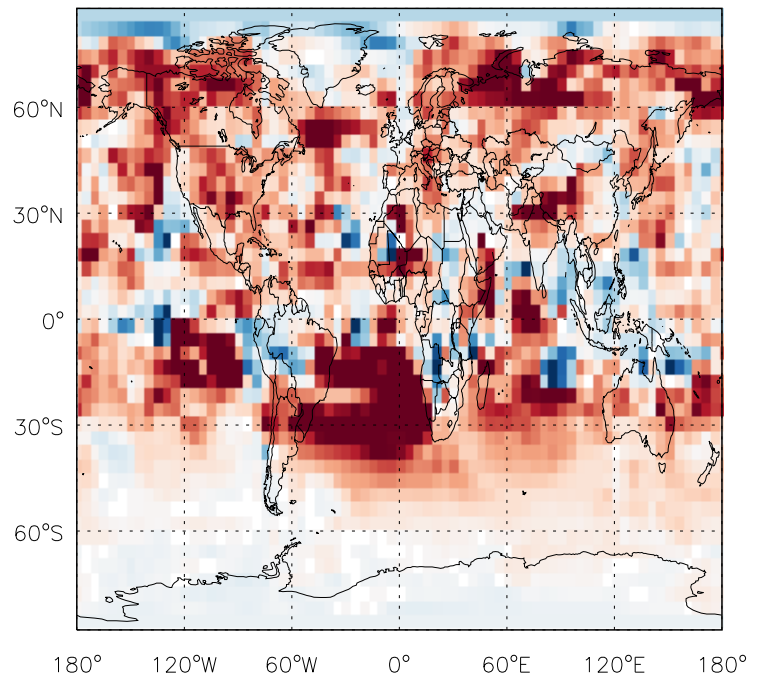
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PRPE/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
PRPE / Ratio @ Surface for Jul

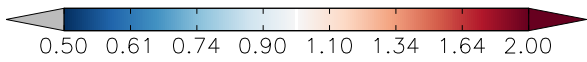
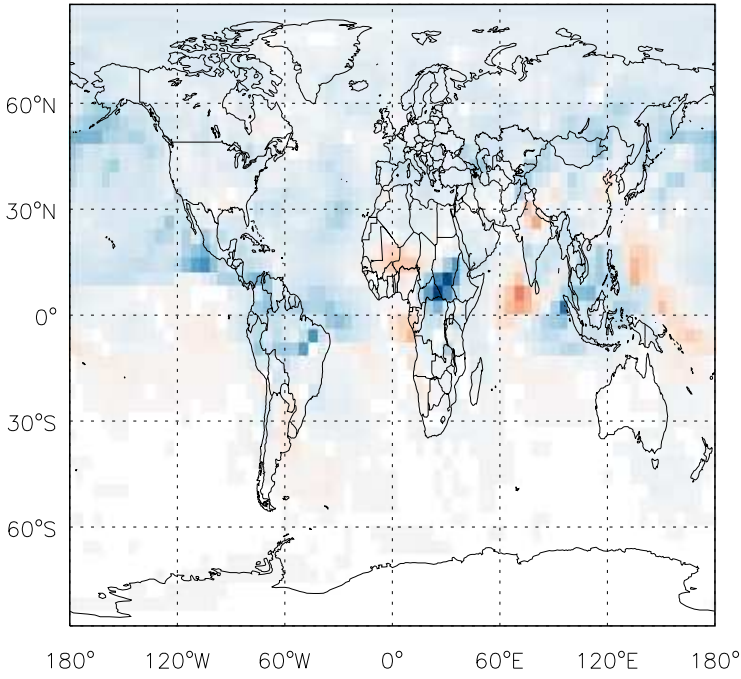


v11-01f-merra2-Run0 / v11-01d-Run1  
PRPE/ Ratio @ 500 hPa for Jul

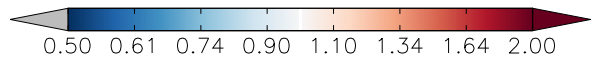
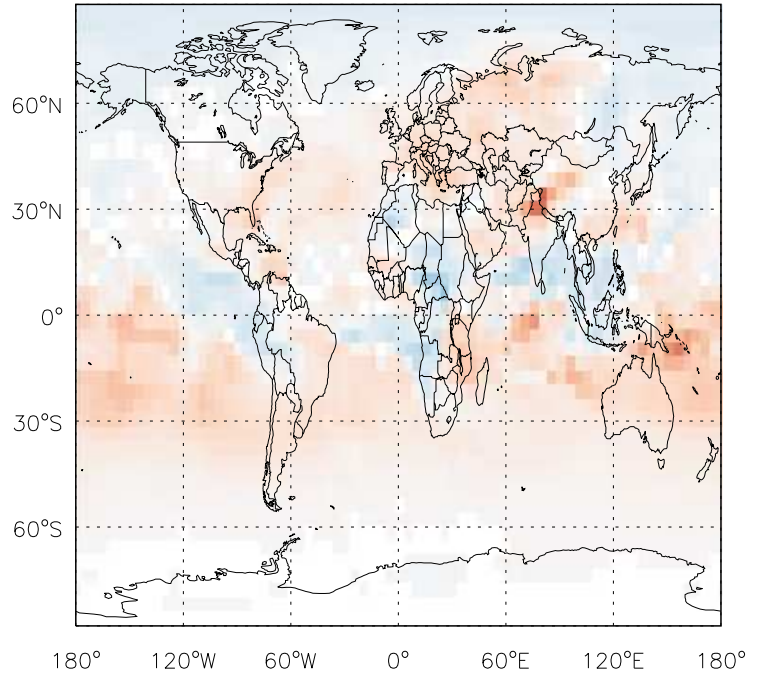


GEOS-Chem Ratio Maps at surface and 500 hPa

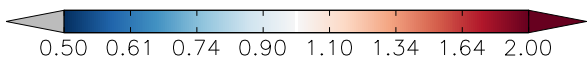
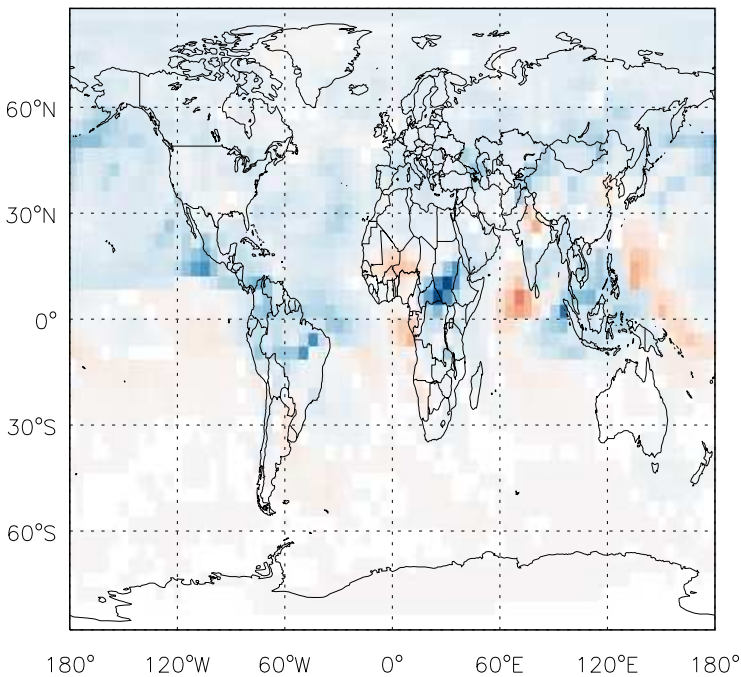
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
C3H8 / Ratio @ Surface for Jul



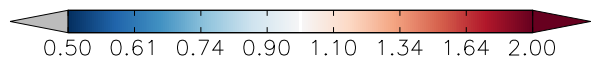
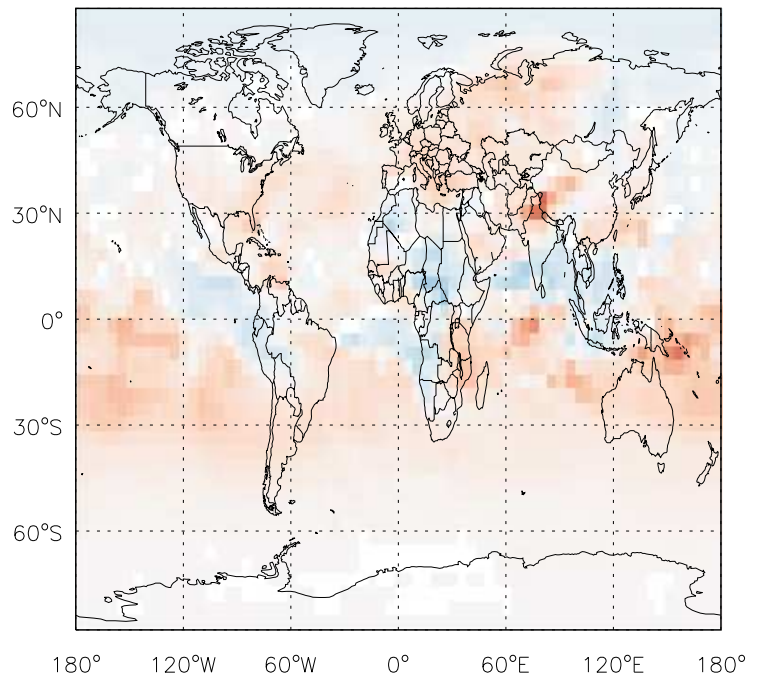
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
C3H8/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
C3H8 / Ratio @ Surface for Jul

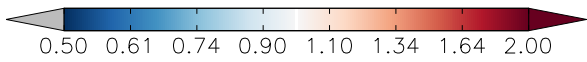
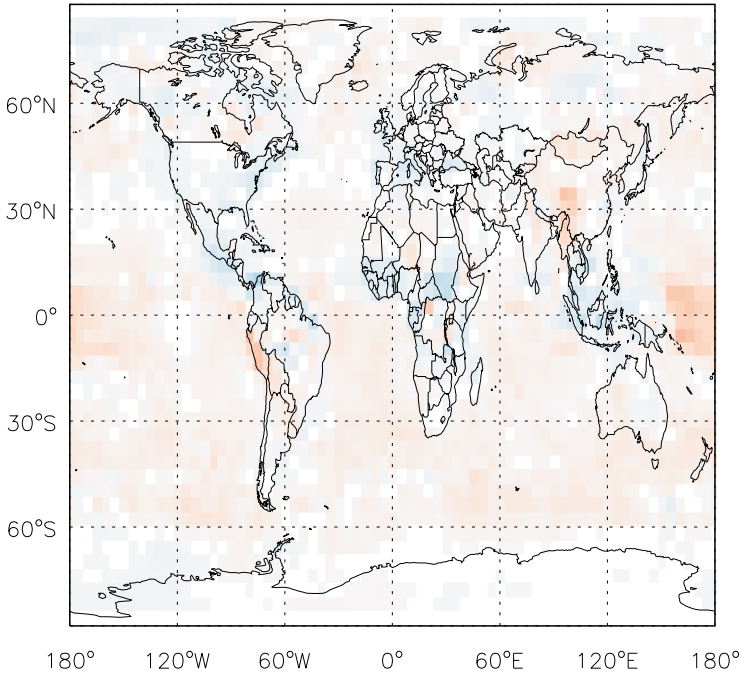


v11-01f-merra2-Run0 / v11-01d-Run1  
C3H8/ Ratio @ 500 hPa for Jul

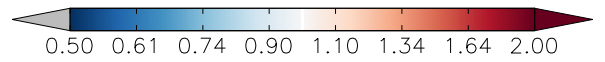
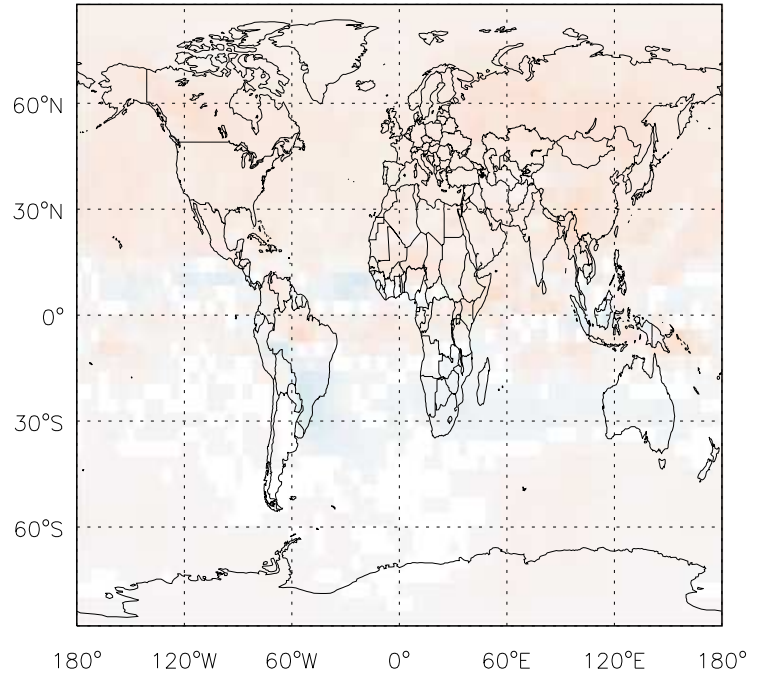


GEOS-Chem Ratio Maps at surface and 500 hPa

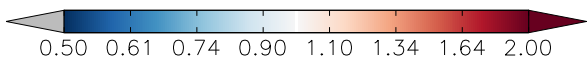
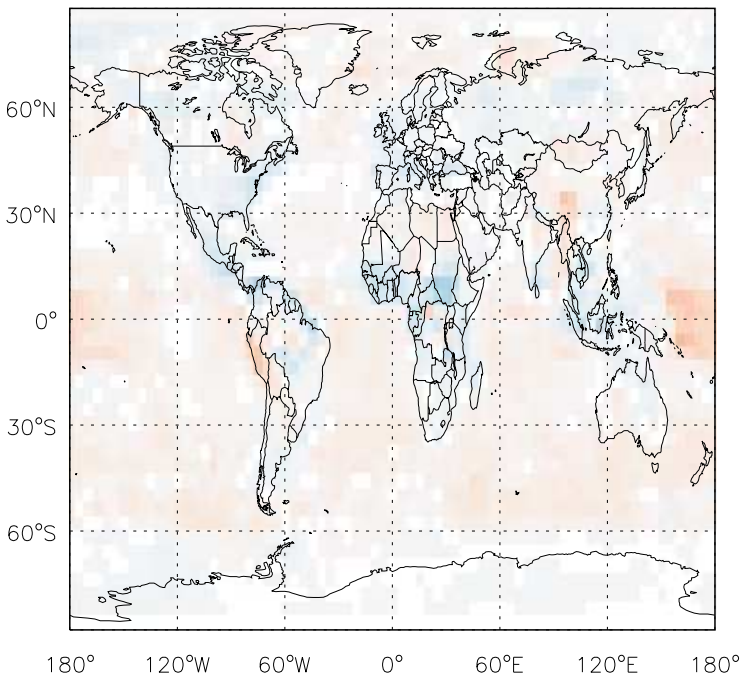
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH20 / Ratio @ Surface for Jul



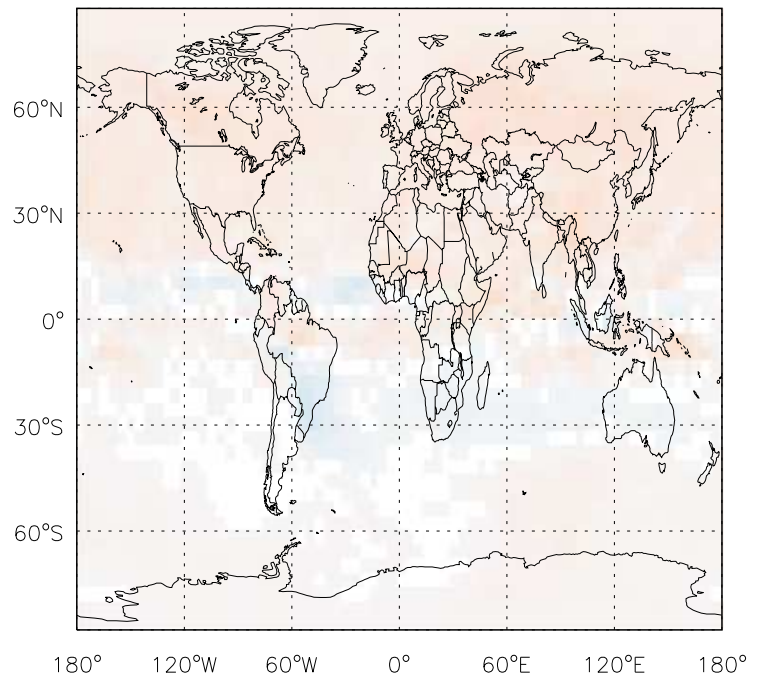
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH20/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CH20 / Ratio @ Surface for Jul

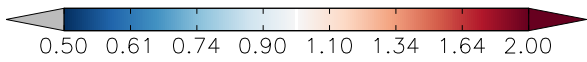
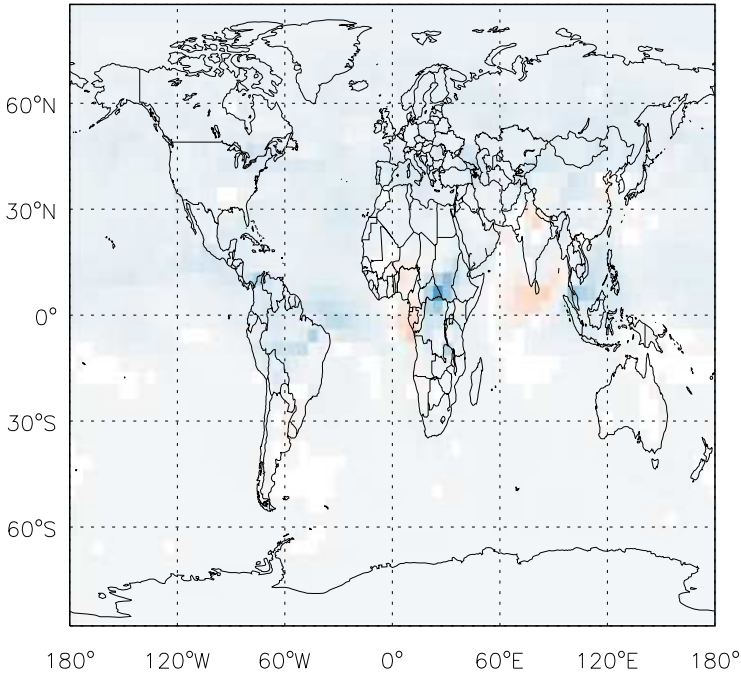


v11-01f-merra2-Run0 / v11-01d-Run1  
CH20/ Ratio @ 500 hPa for Jul

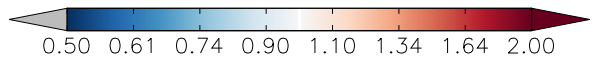
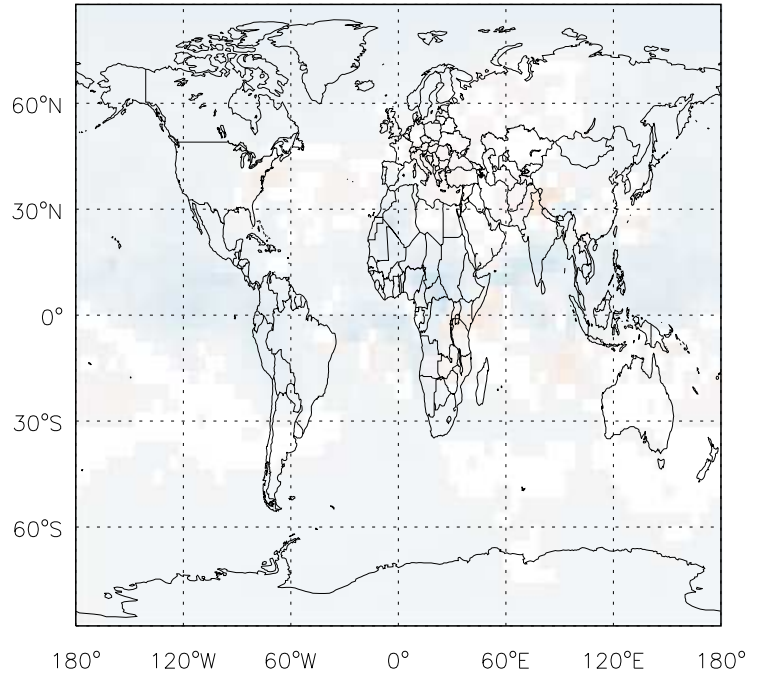


GEOS-Chem Ratio Maps at surface and 500 hPa

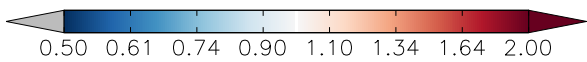
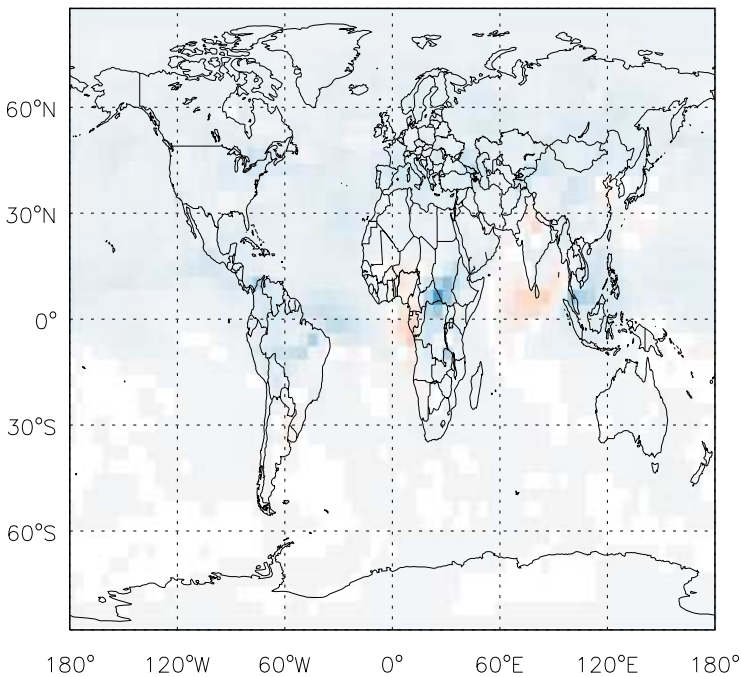
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
C2H6 / Ratio @ Surface for Jul



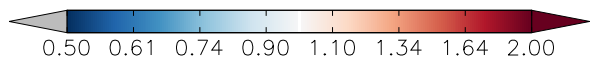
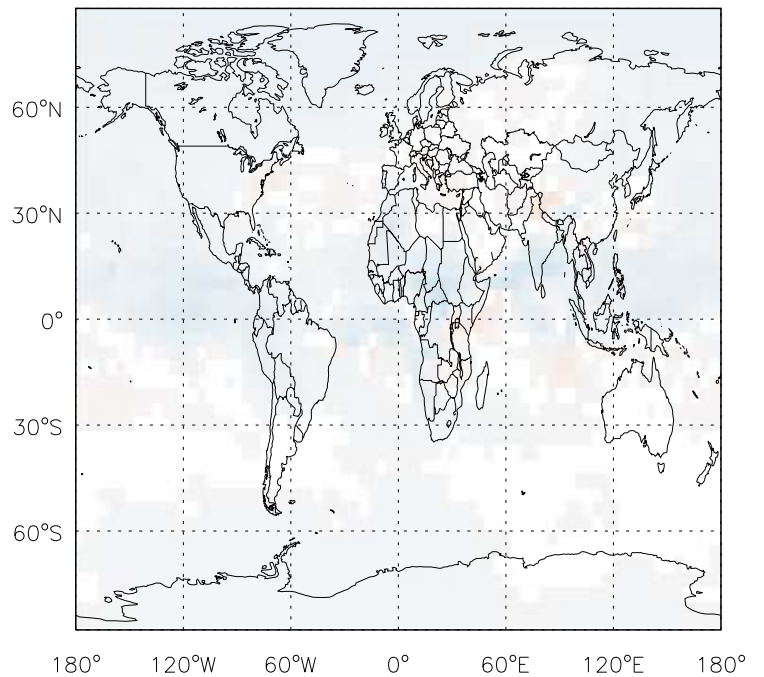
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
C2H6/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
C2H6 / Ratio @ Surface for Jul

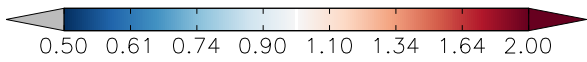
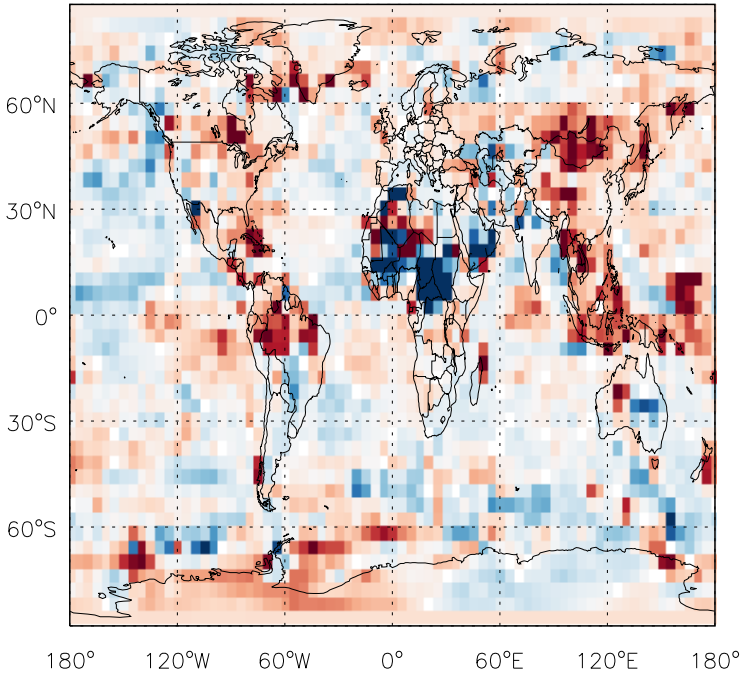


v11-01f-merra2-Run0 / v11-01d-Run1  
C2H6/ Ratio @ 500 hPa for Jul

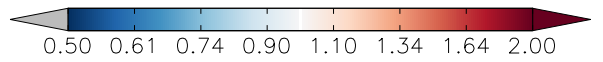
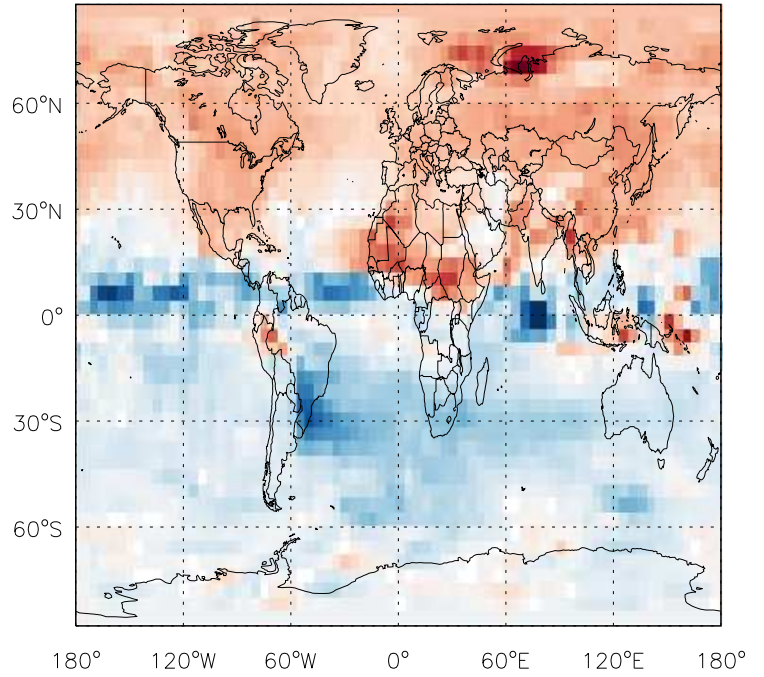


GEOS-Chem Ratio Maps at surface and 500 hPa

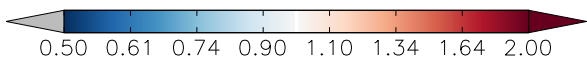
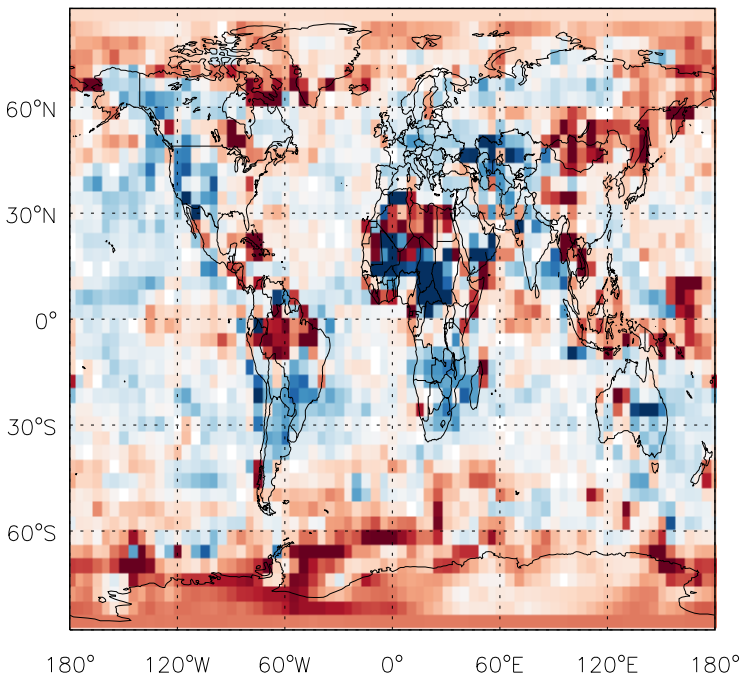
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
N2O5 / Ratio @ Surface for Jul



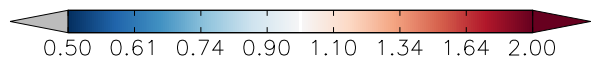
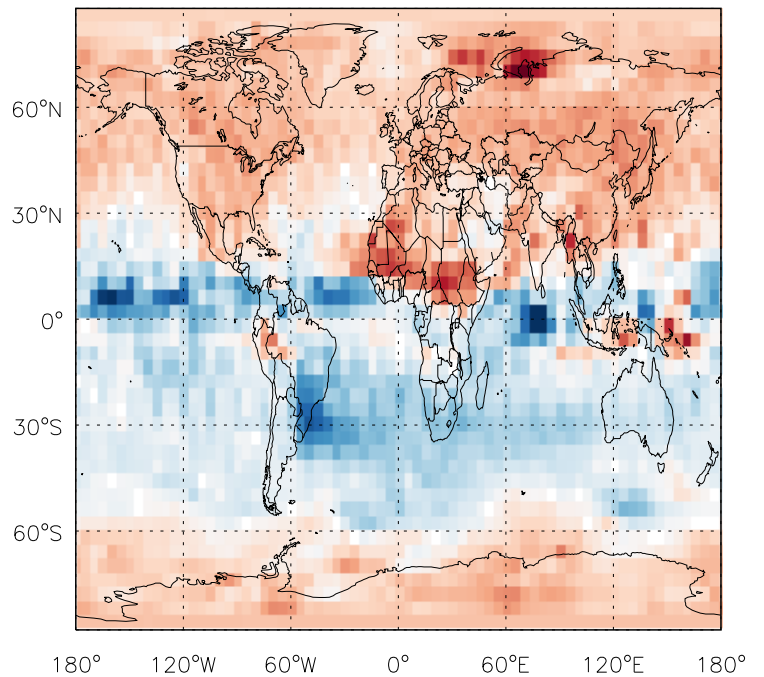
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
N2O5/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
N2O5 / Ratio @ Surface for Jul

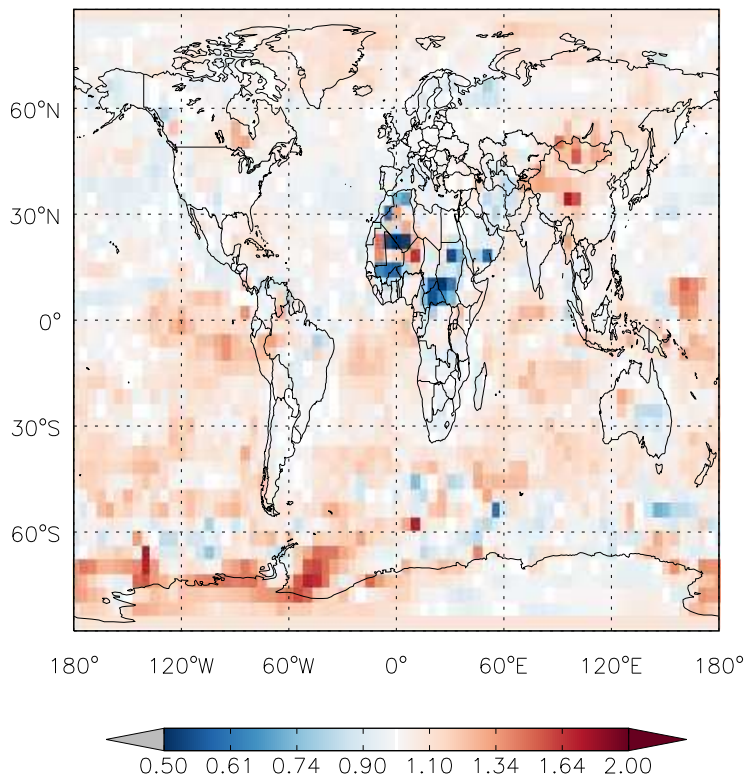


v11-01f-merra2-Run0 / v11-01d-Run1  
N2O5/ Ratio @ 500 hPa for Jul

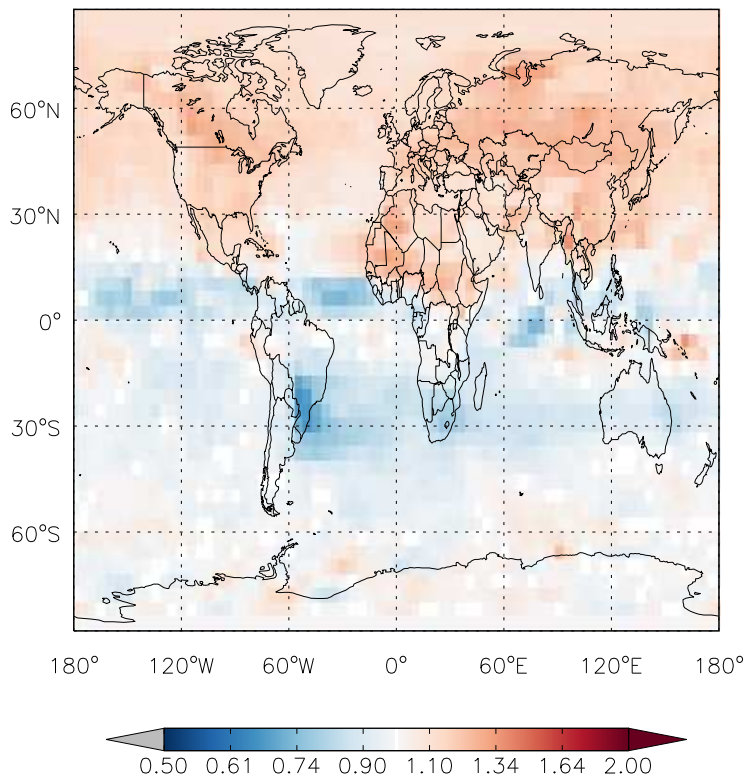


# GEOS-Chem Ratio Maps at surface and 500 hPa

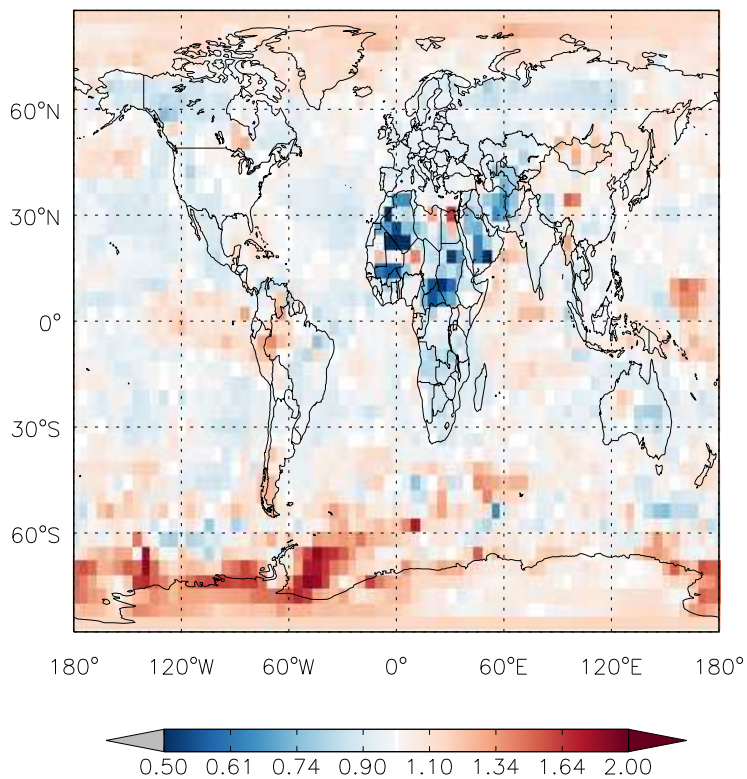
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HN04 / Ratio @ Surface for Jul



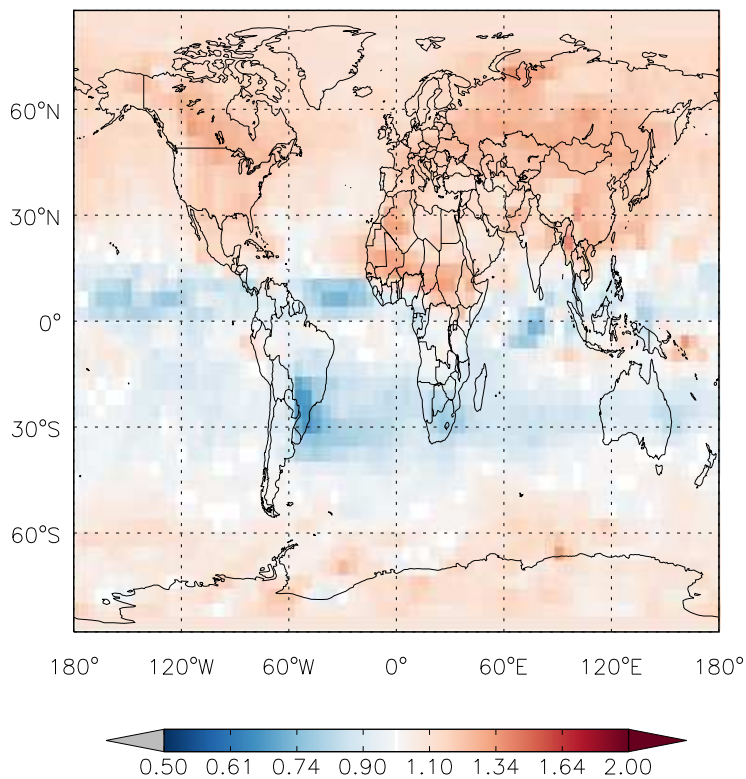
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HN04/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HN04 / Ratio @ Surface for Jul

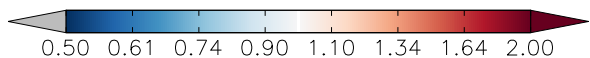
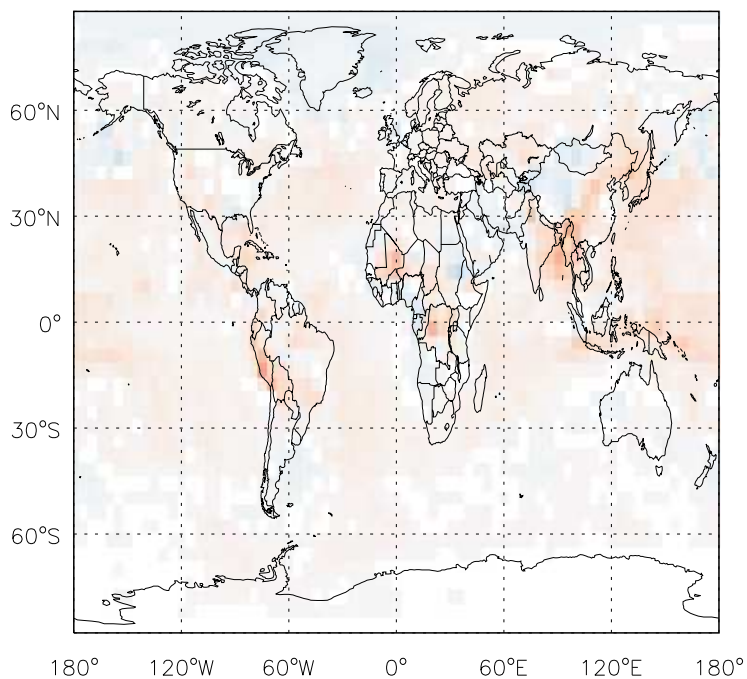


v11-01f-merra2-Run0 / v11-01d-Run1  
HN04/ Ratio @ 500 hPa for Jul

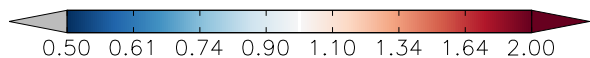
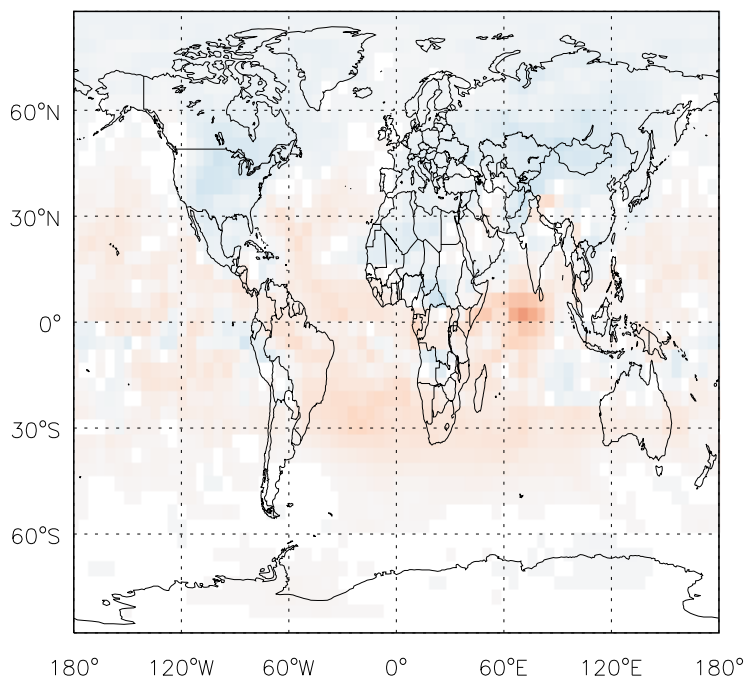


# GEOS-Chem Ratio Maps at surface and 500 hPa

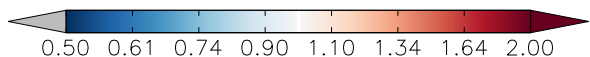
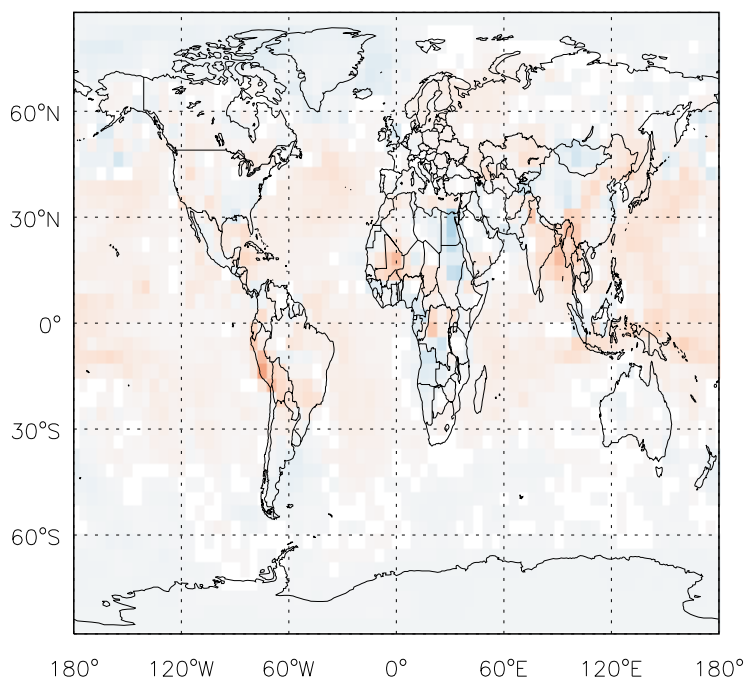
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MP / Ratio @ Surface for Jul



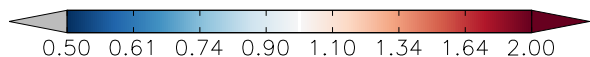
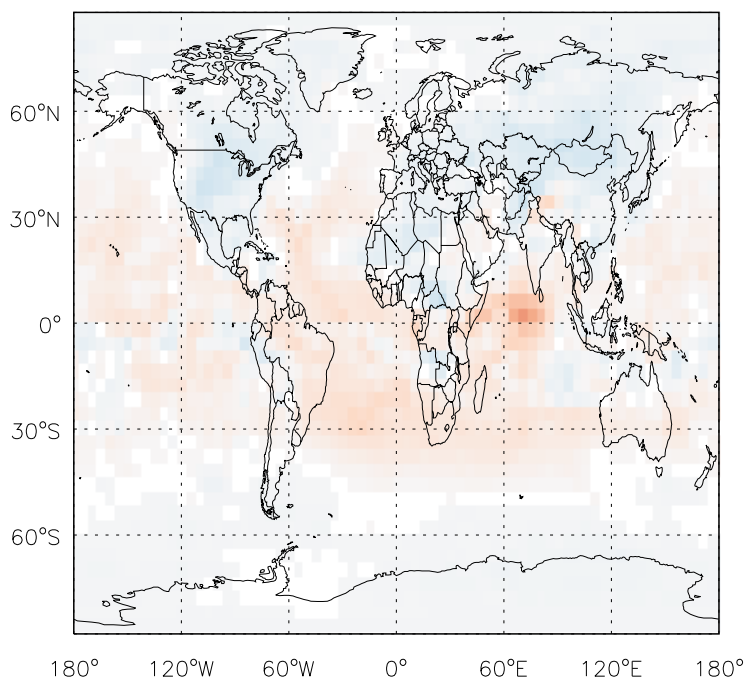
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MP/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
MP / Ratio @ Surface for Jul



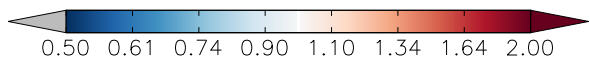
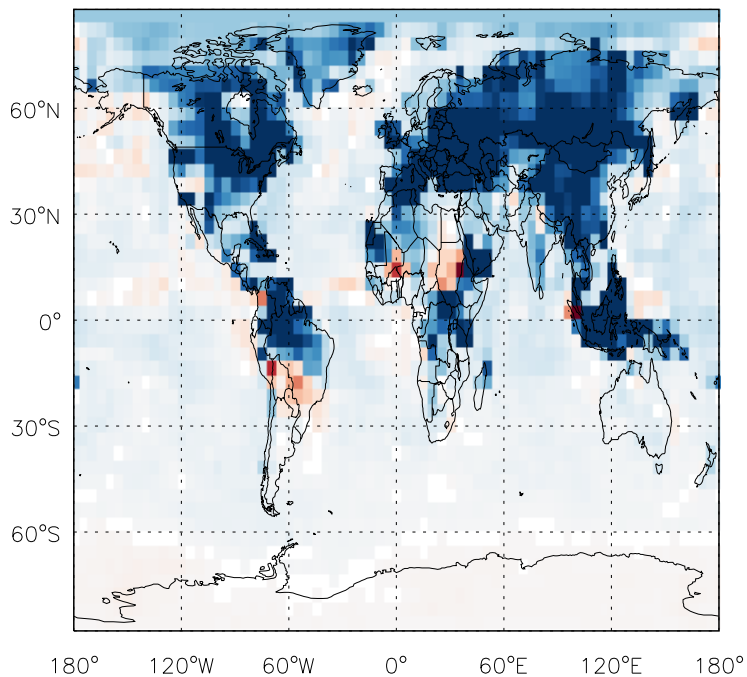
v11-01f-merra2-Run0 / v11-01d-Run1  
MP/ Ratio @ 500 hPa for Jul



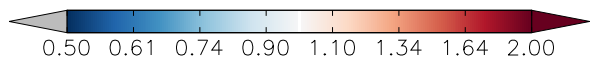
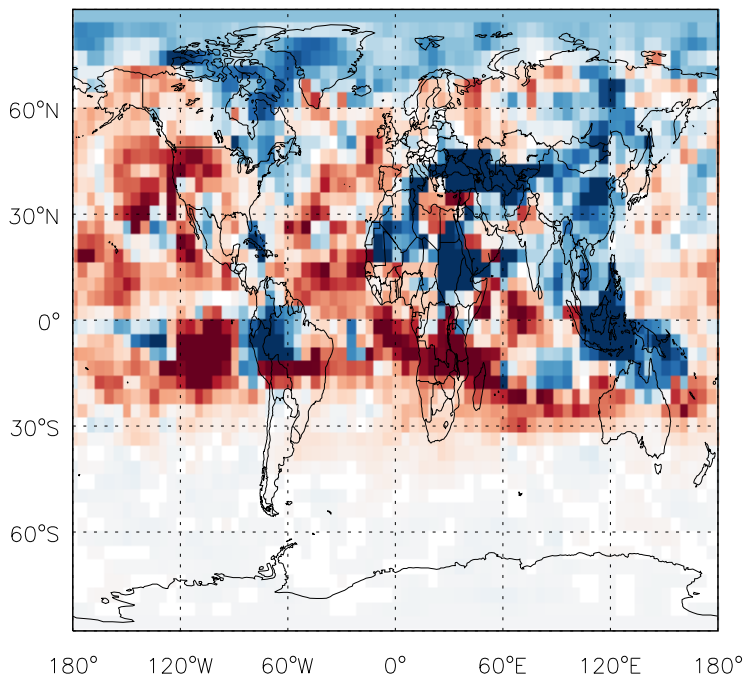


GEOS-Chem Ratio Maps at surface and 500 hPa

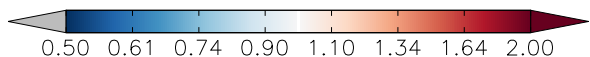
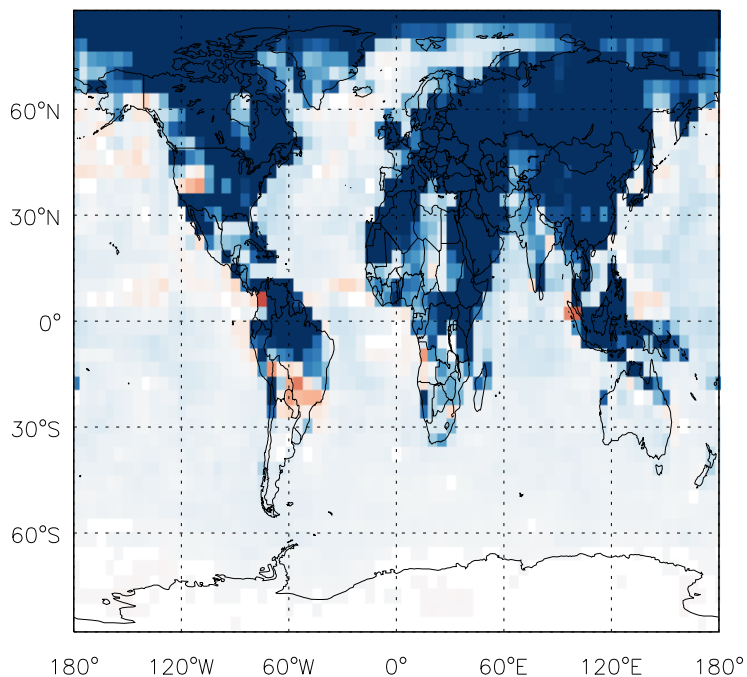
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DMS / Ratio @ Surface for Jul



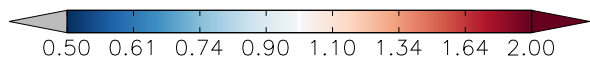
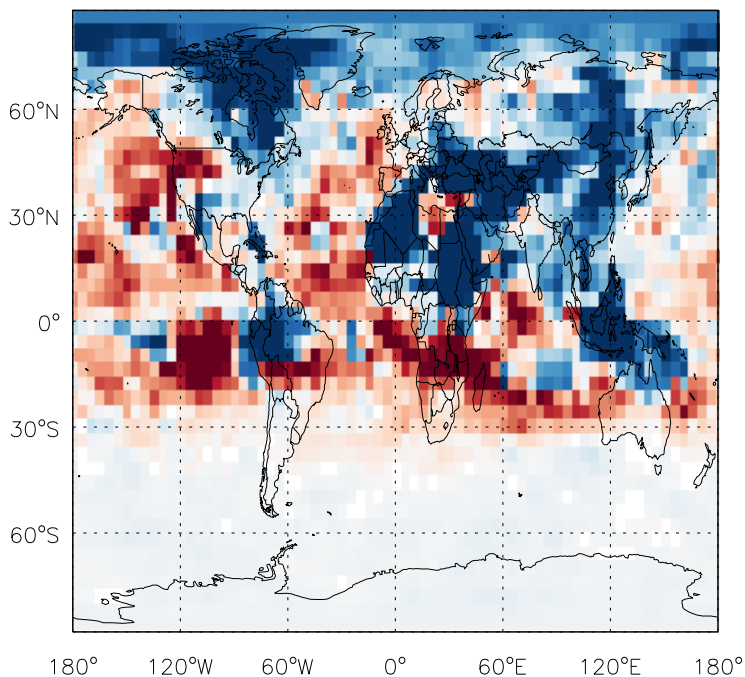
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DMS/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
DMS / Ratio @ Surface for Jul

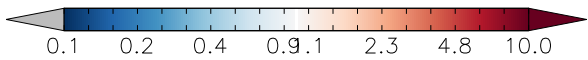
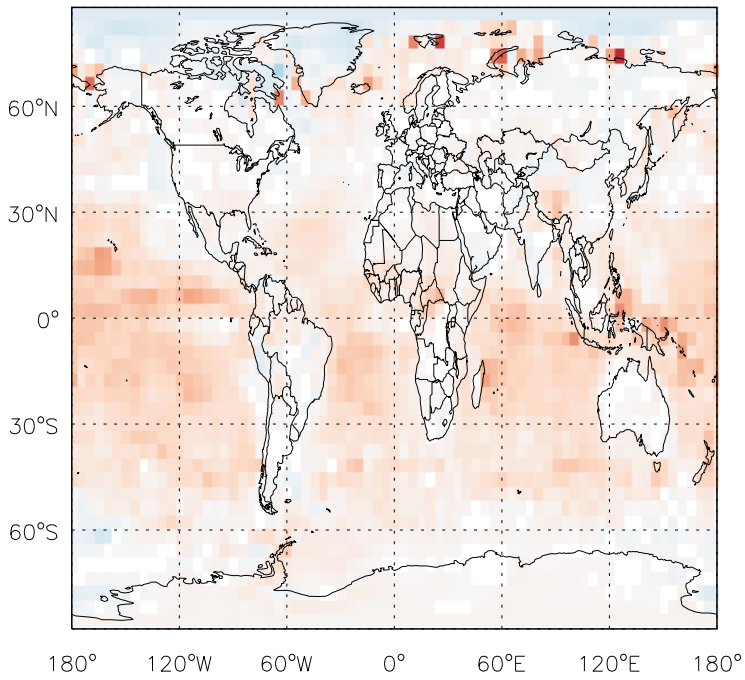


v11-01f-merra2-Run0 / v11-01d-Run1  
DMS/ Ratio @ 500 hPa for Jul

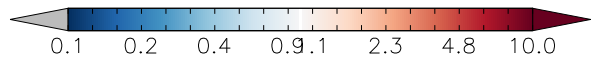
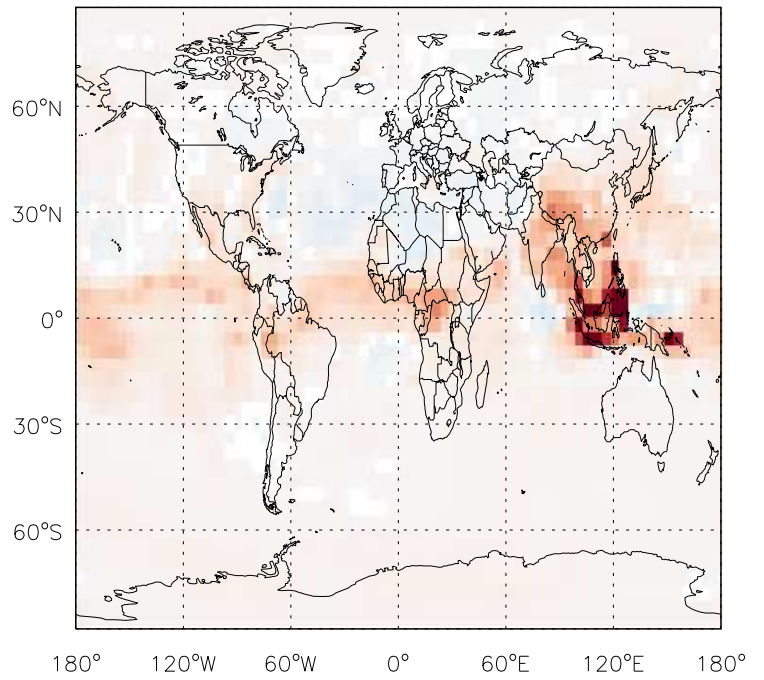


# GEOS-Chem Ratio Maps at surface and 500 hPa

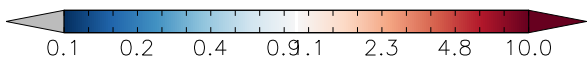
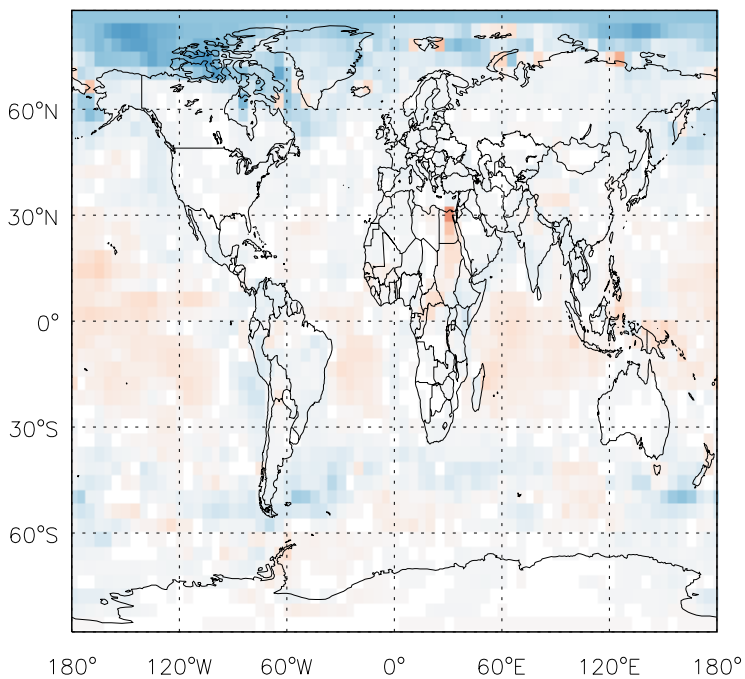
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
SO<sub>2</sub> / Ratio @ Surface for Jul



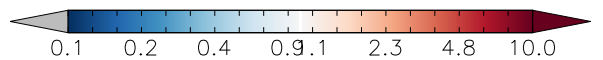
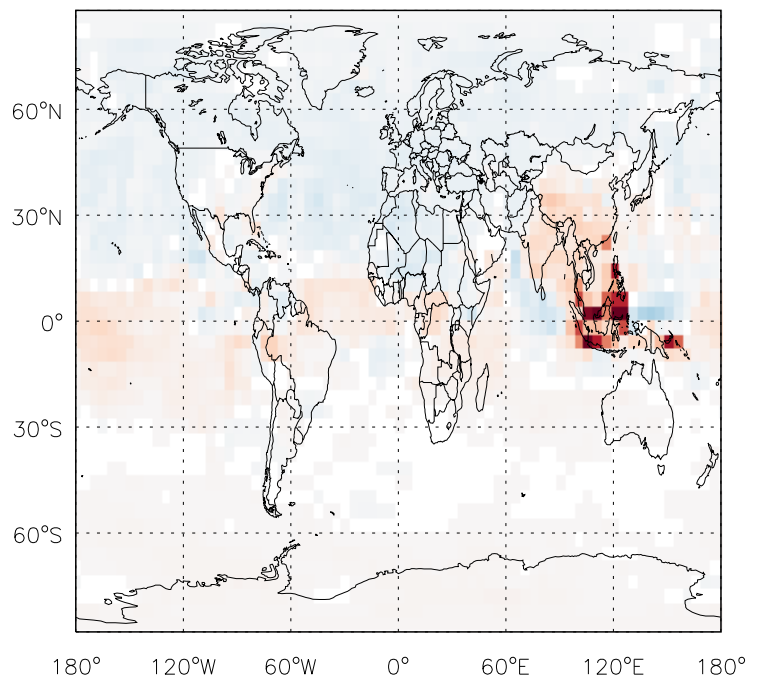
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
SO<sub>2</sub> / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
SO<sub>2</sub> / Ratio @ Surface for Jul



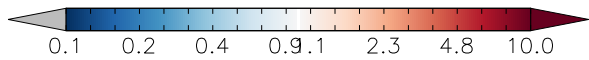
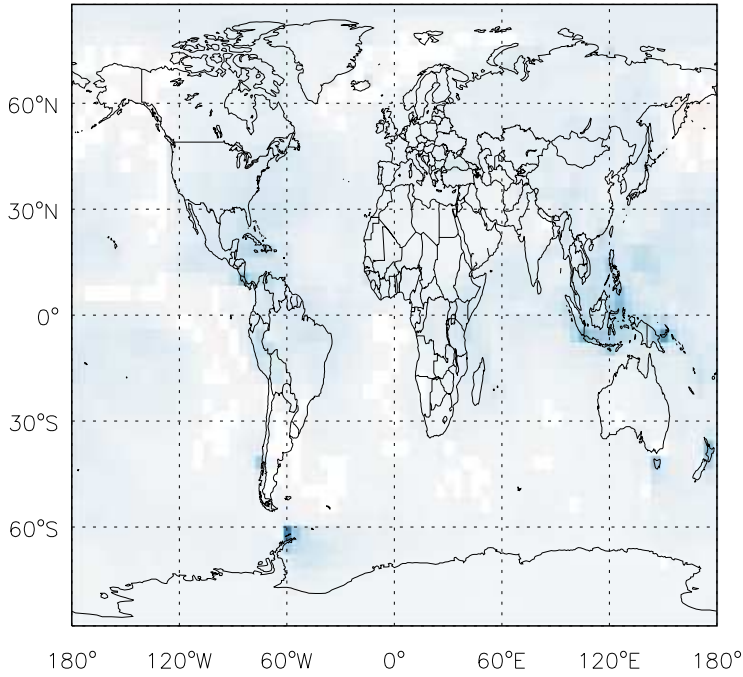
v11-01f-merra2-Run0 / v11-01d-Run1  
SO<sub>2</sub> / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

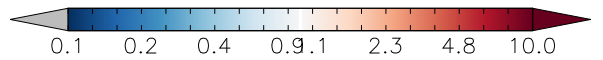
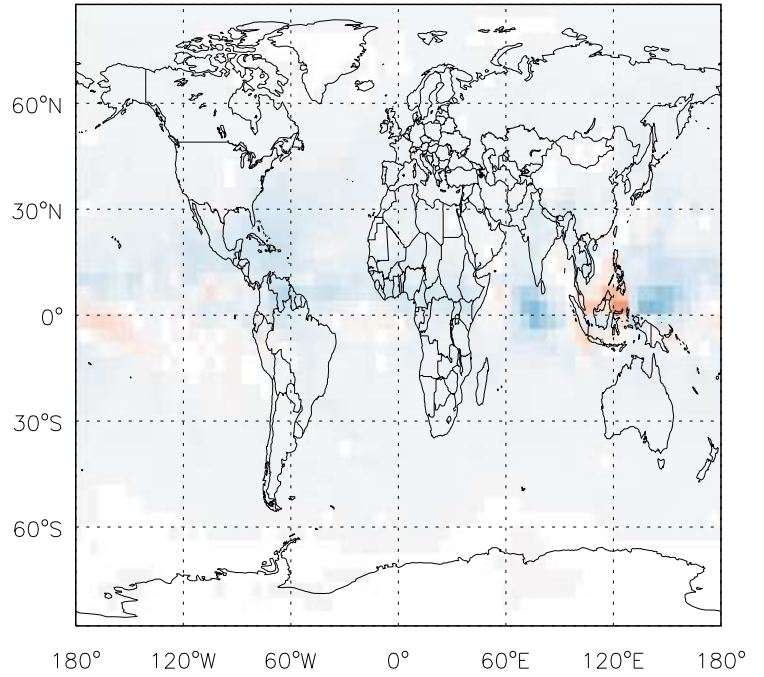
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

S04 / Ratio @ Surface for Jul



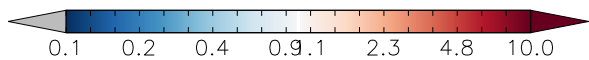
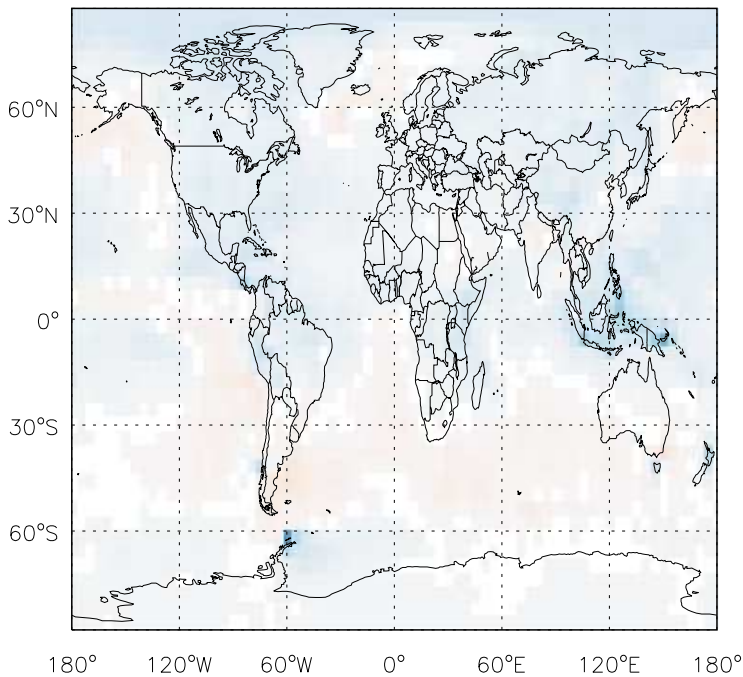
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

S04/ Ratio @ 500 hPa for Jul



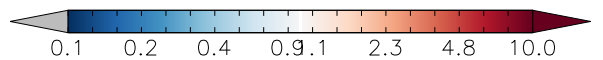
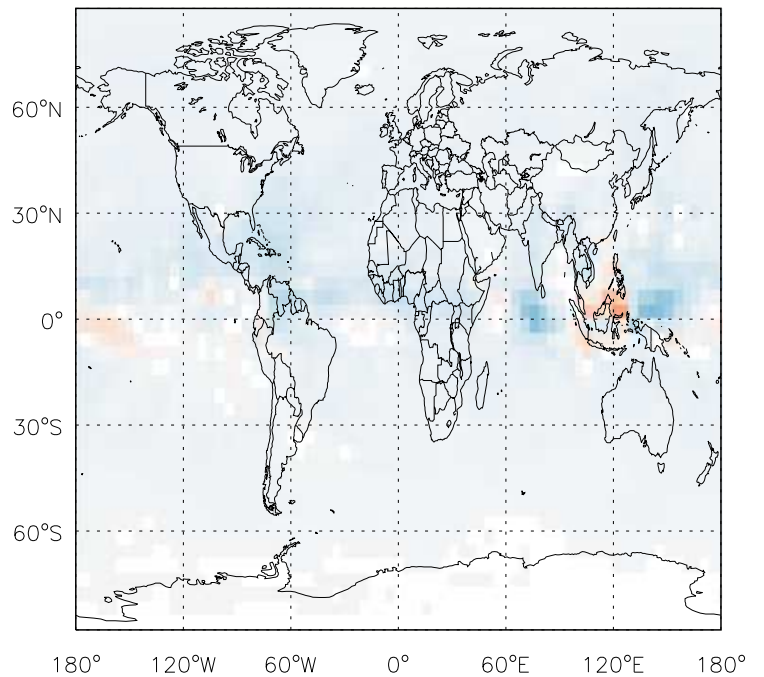
v11-01f-merra2-Run0 / v11-01d-Run1

S04 / Ratio @ Surface for Jul



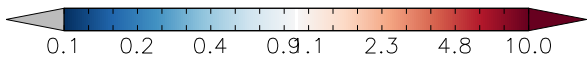
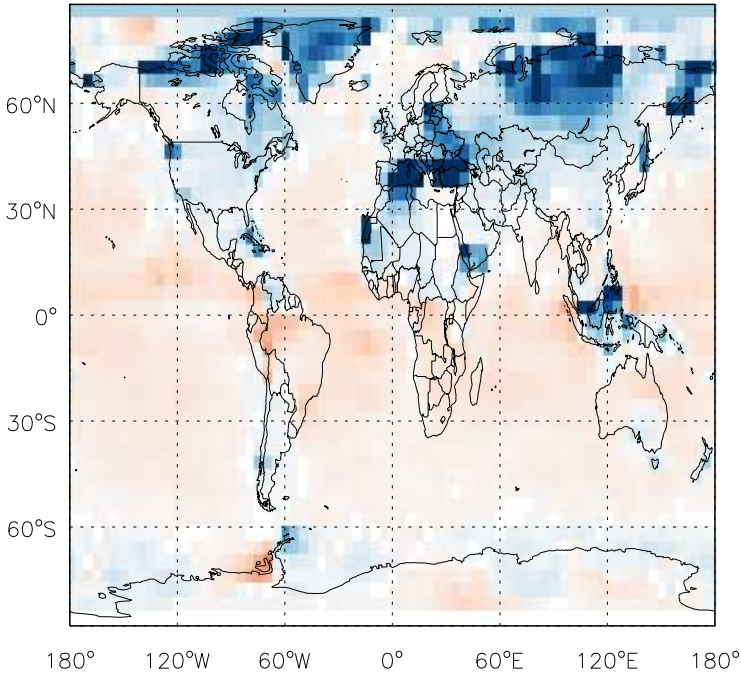
v11-01f-merra2-Run0 / v11-01d-Run1

S04/ Ratio @ 500 hPa for Jul

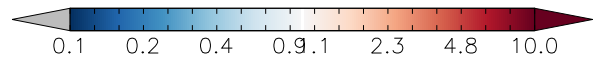
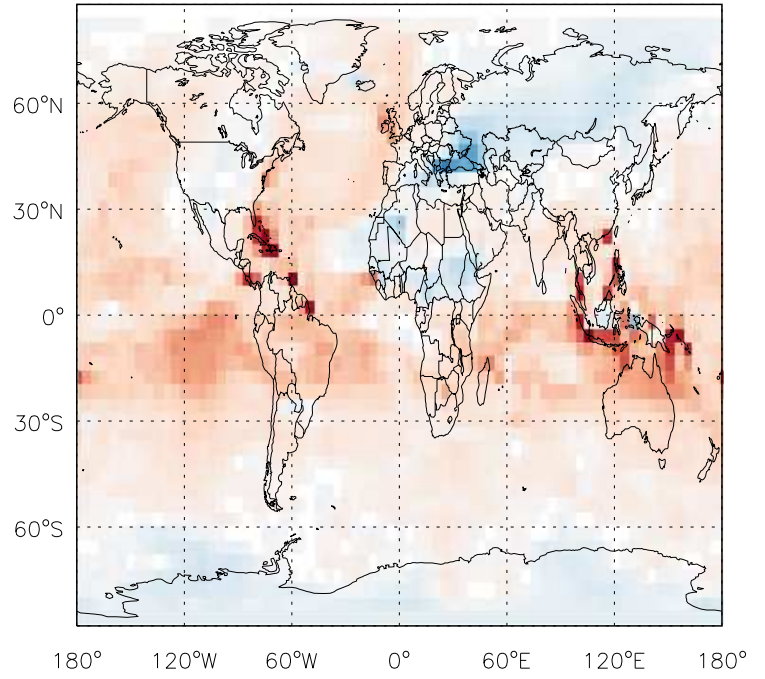


# GEOS-Chem Ratio Maps at surface and 500 hPa

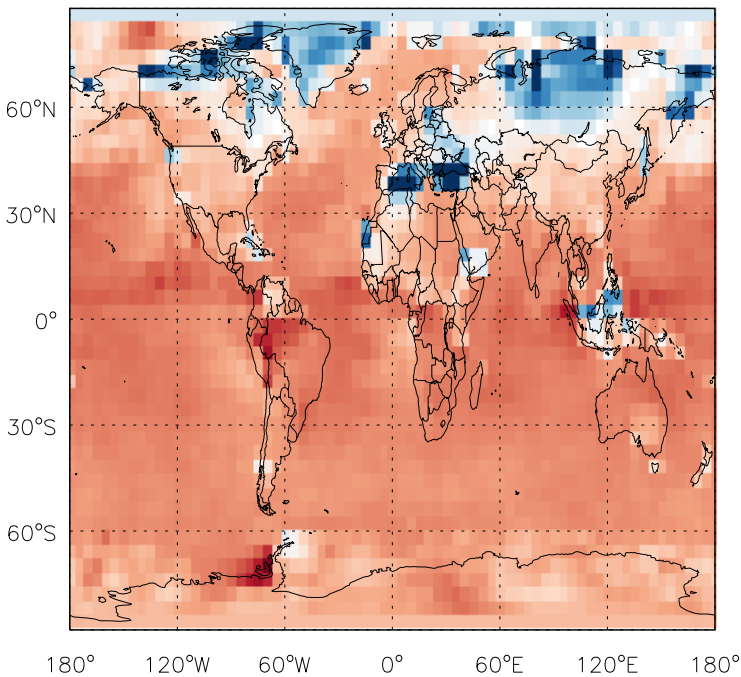
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
SO<sub>4</sub>s / Ratio @ Surface for Jul



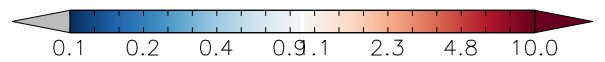
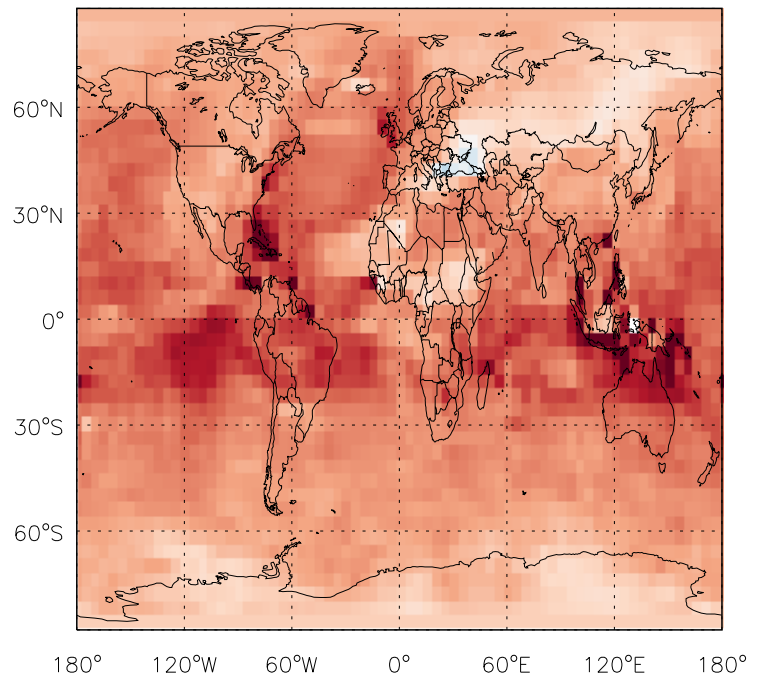
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
SO<sub>4</sub>s / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
SO<sub>4</sub>s / Ratio @ Surface for Jul



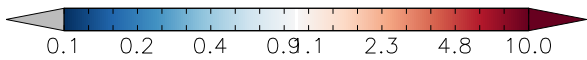
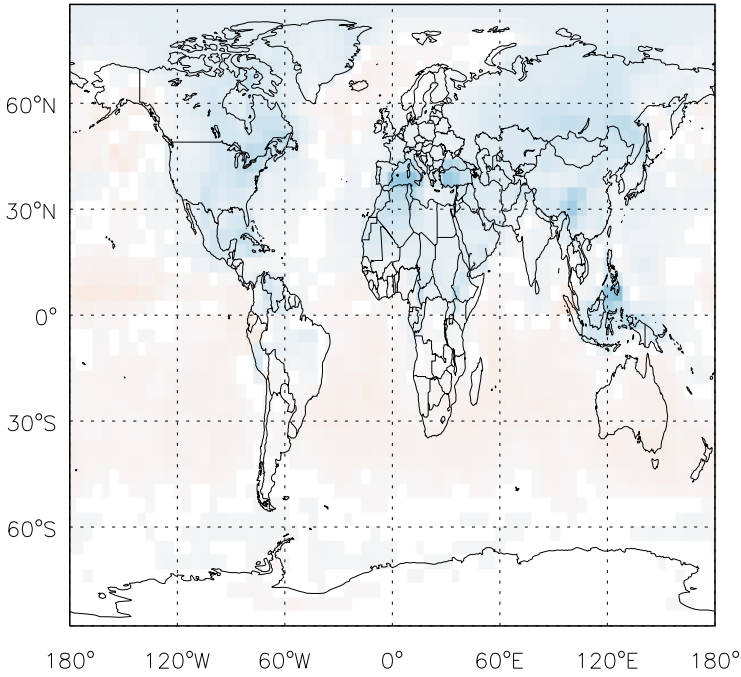
v11-01f-merra2-Run0 / v11-01d-Run1  
SO<sub>4</sub>s / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

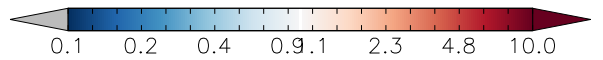
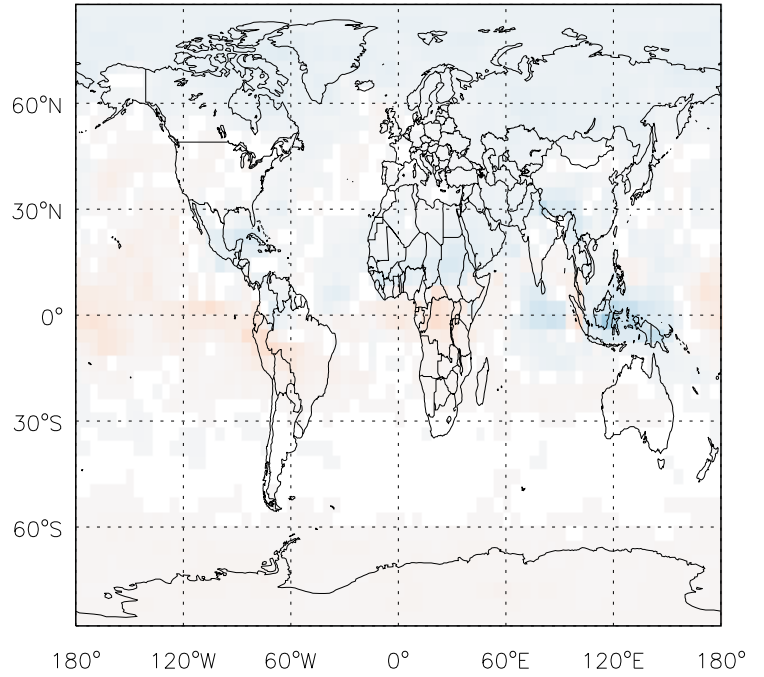
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

MSA / Ratio @ Surface for Jul



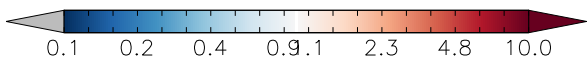
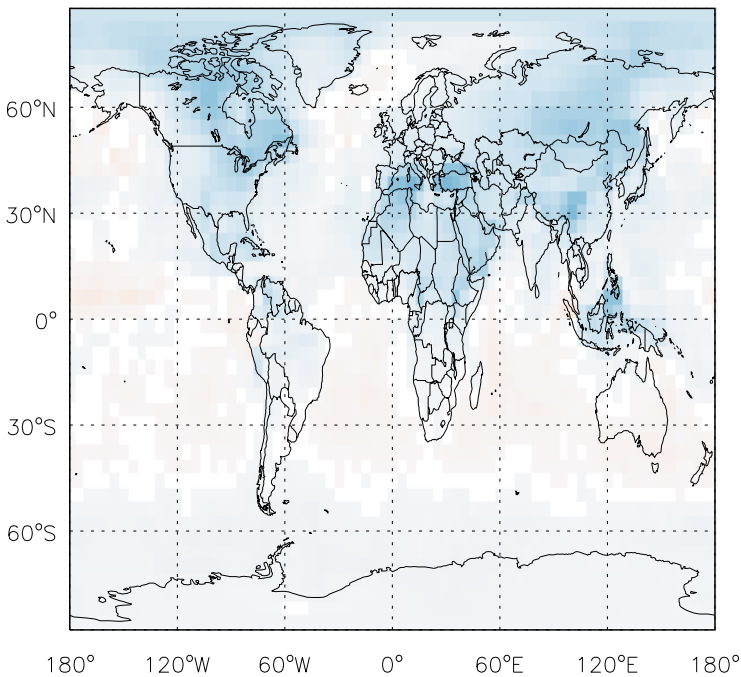
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

MSA/ Ratio @ 500 hPa for Jul



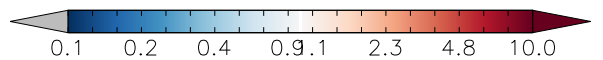
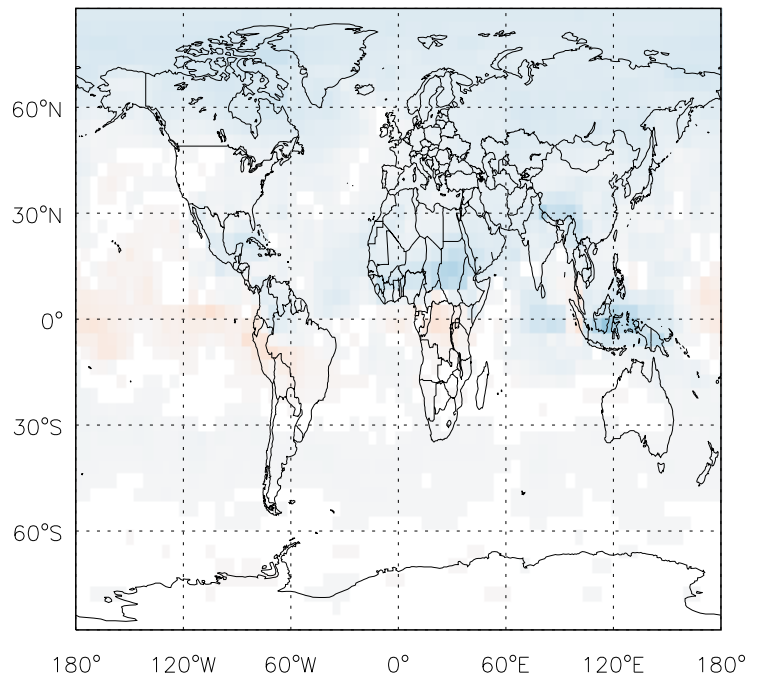
v11-01f-merra2-Run0 / v11-01d-Run1

MSA / Ratio @ Surface for Jul



v11-01f-merra2-Run0 / v11-01d-Run1

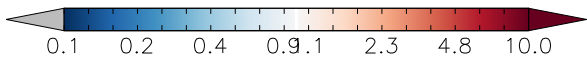
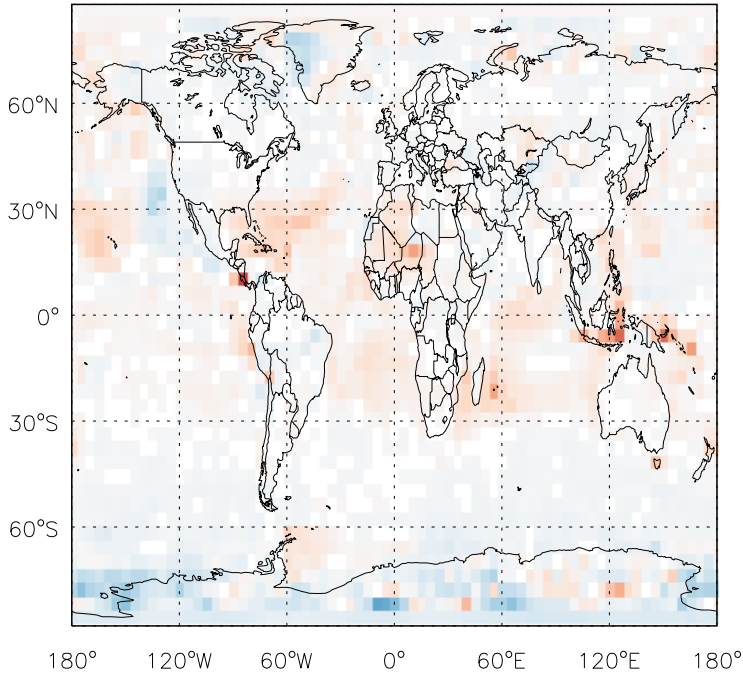
MSA/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

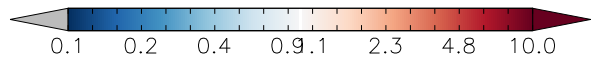
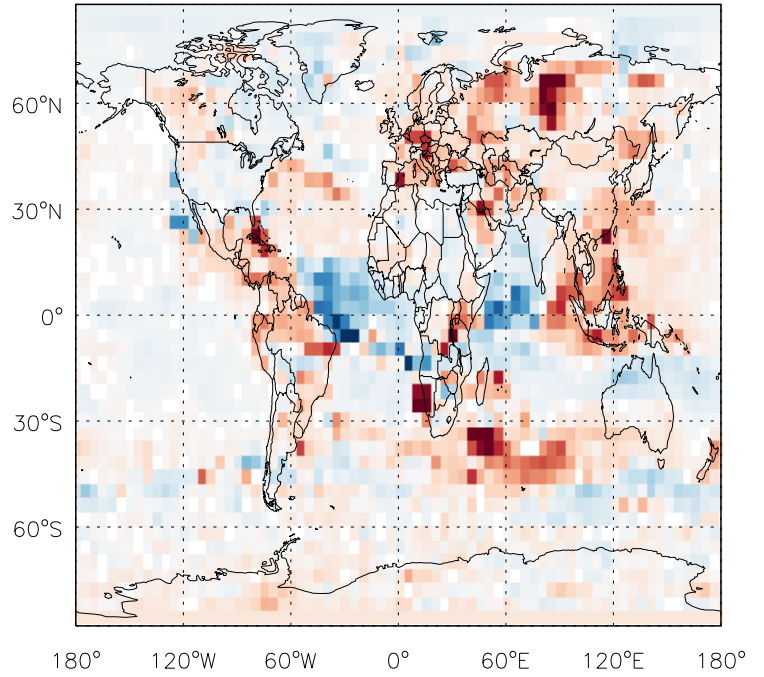
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

NH<sub>3</sub> / Ratio @ Surface for Jul



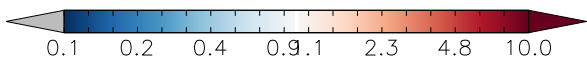
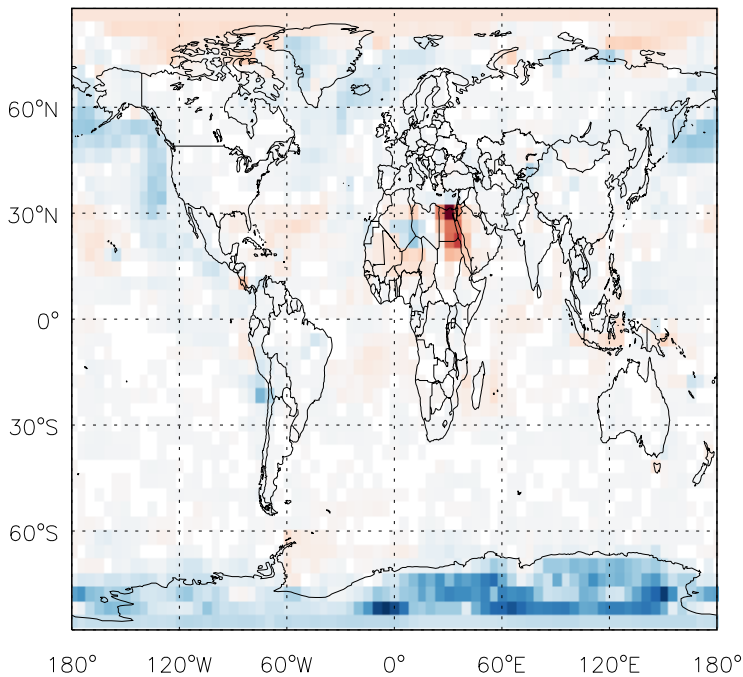
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

NH<sub>3</sub>/ Ratio @ 500 hPa for Jul



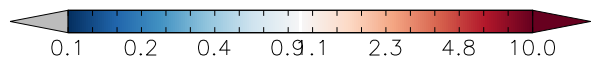
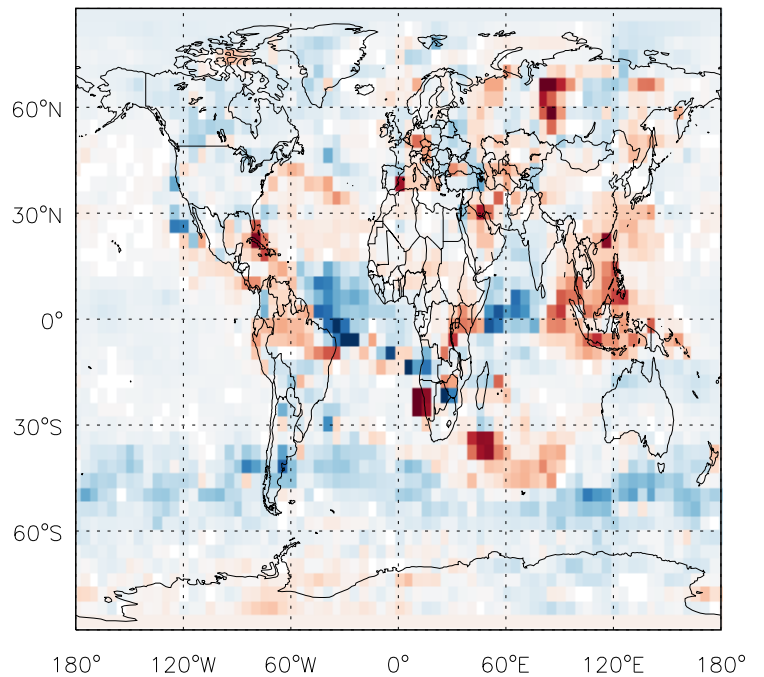
v11-01f-merra2-Run0 / v11-01d-Run1

NH<sub>3</sub> / Ratio @ Surface for Jul



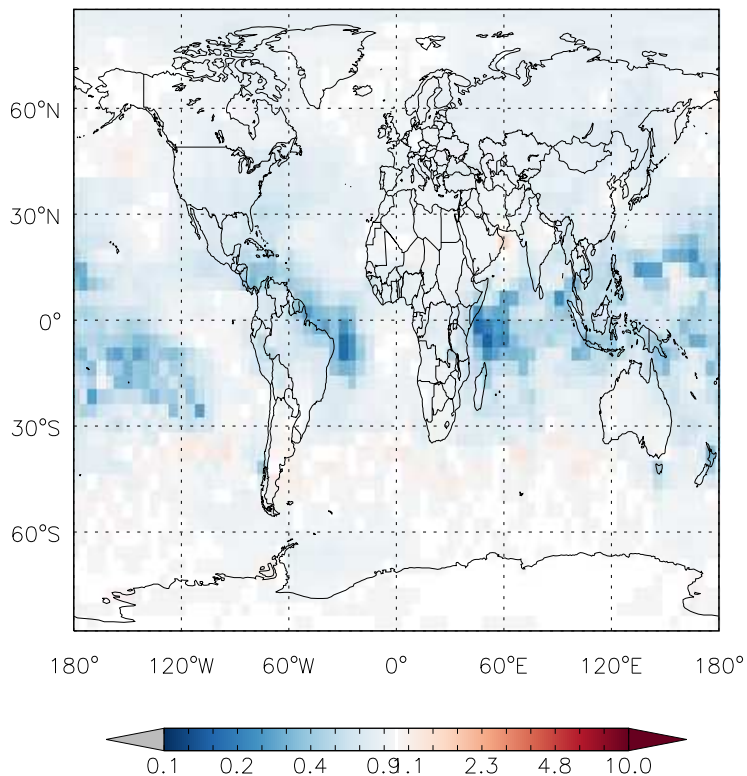
v11-01f-merra2-Run0 / v11-01d-Run1

NH<sub>3</sub>/ Ratio @ 500 hPa for Jul

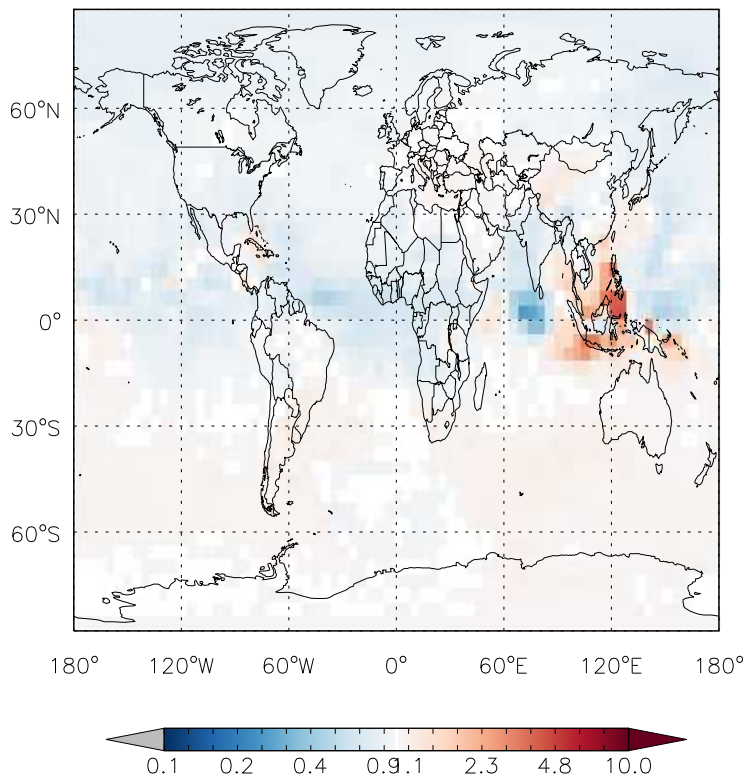


# GEOS-Chem Ratio Maps at surface and 500 hPa

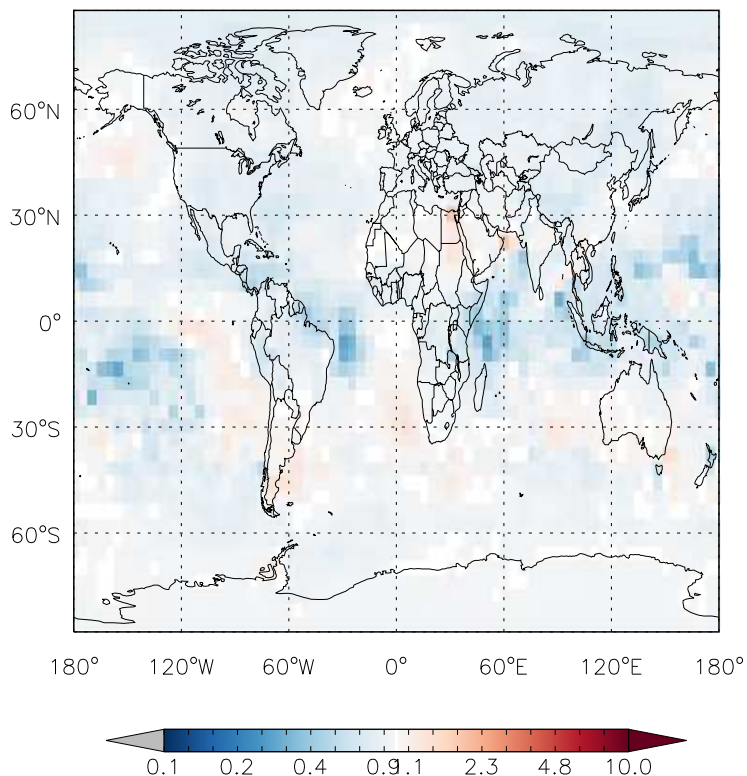
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NH4 / Ratio @ Surface for Jul



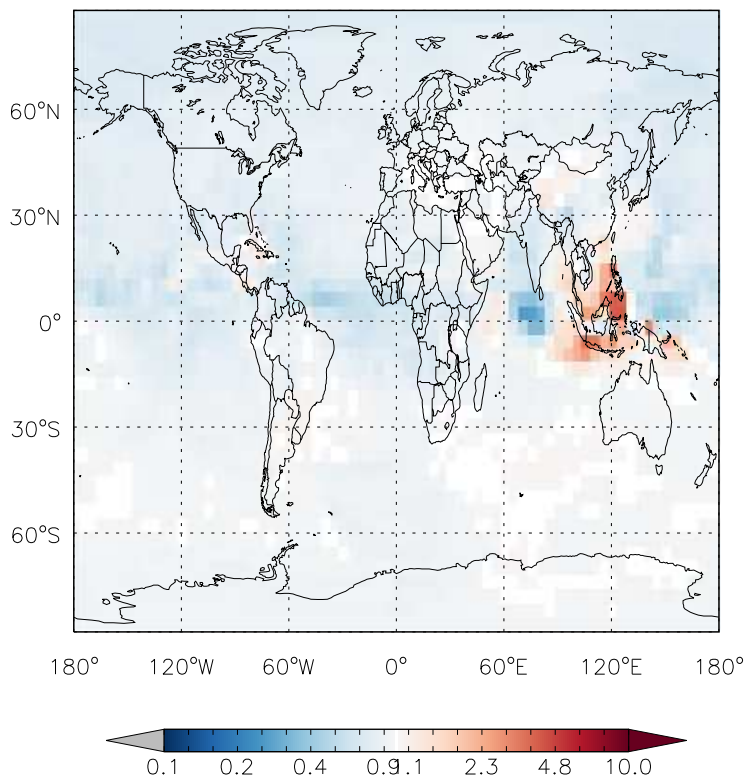
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NH4/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
NH4 / Ratio @ Surface for Jul

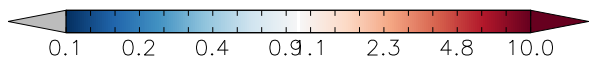
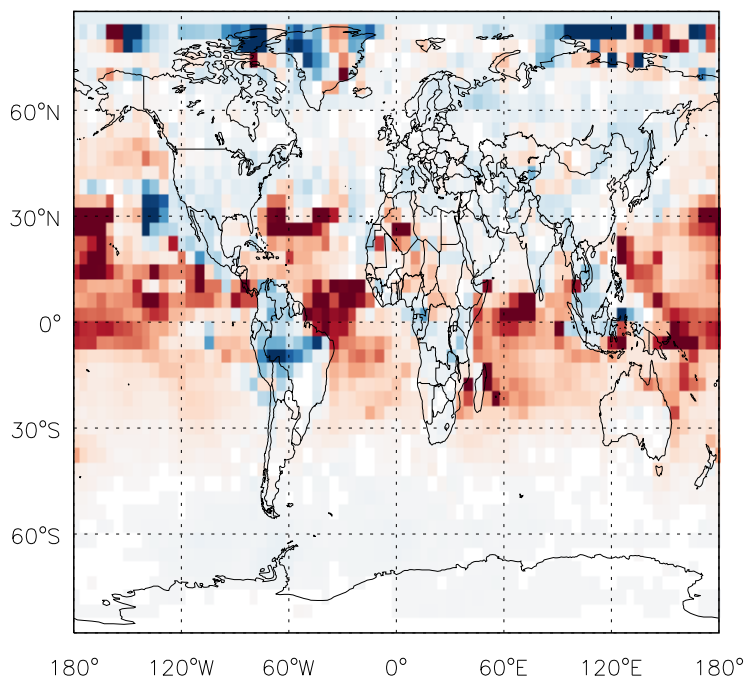


v11-01f-merra2-Run0 / v11-01d-Run1  
NH4/ Ratio @ 500 hPa for Jul

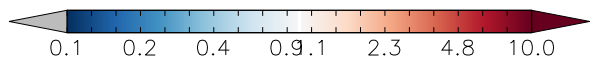
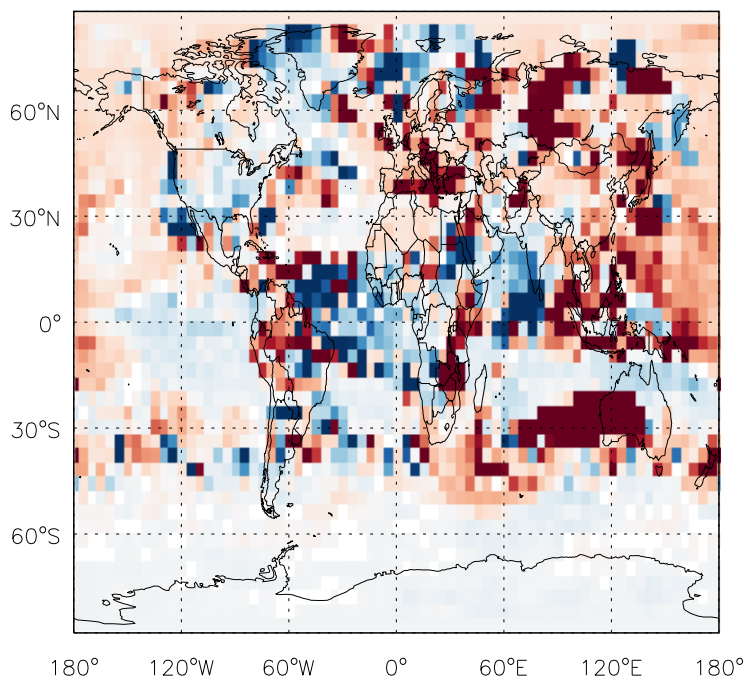


# GEOS-Chem Ratio Maps at surface and 500 hPa

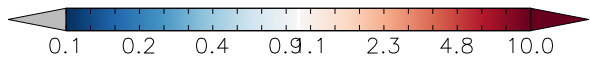
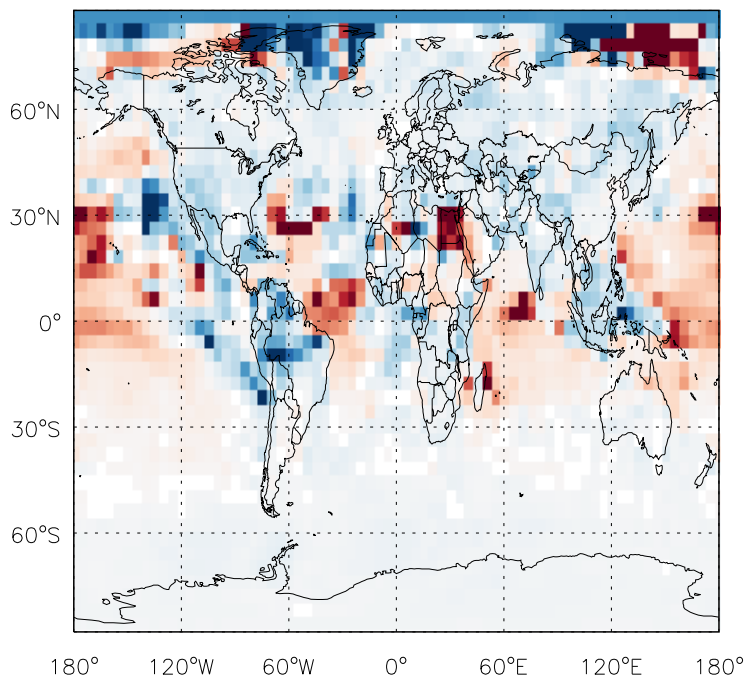
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NIT / Ratio @ Surface for Jul



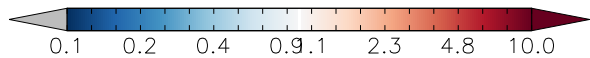
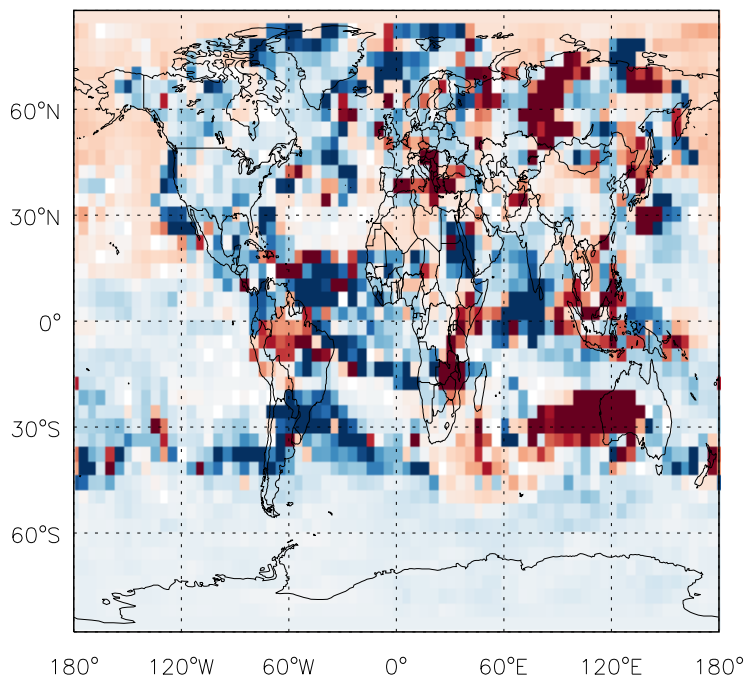
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NIT/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
NIT / Ratio @ Surface for Jul



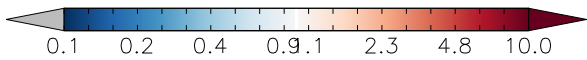
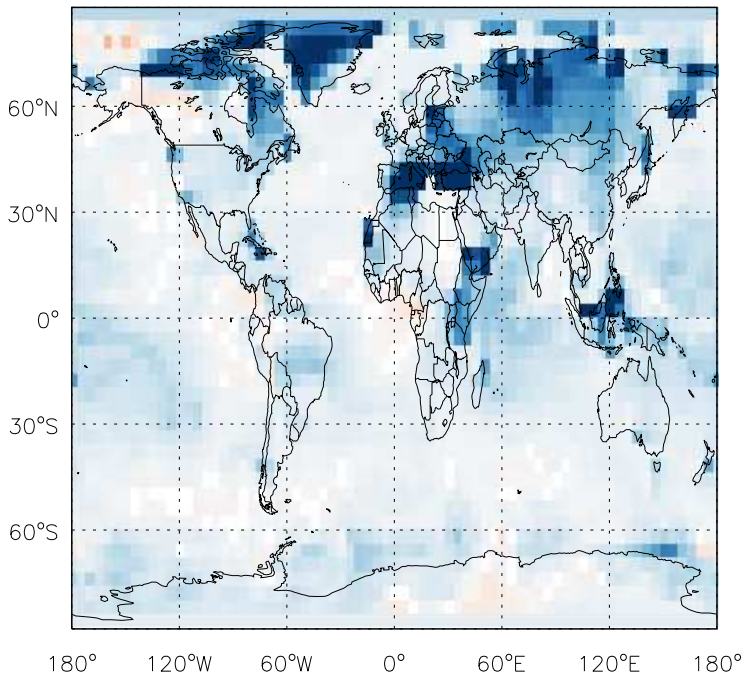
v11-01f-merra2-Run0 / v11-01d-Run1  
NIT/ Ratio @ 500 hPa for Jul



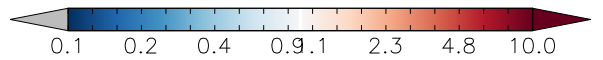
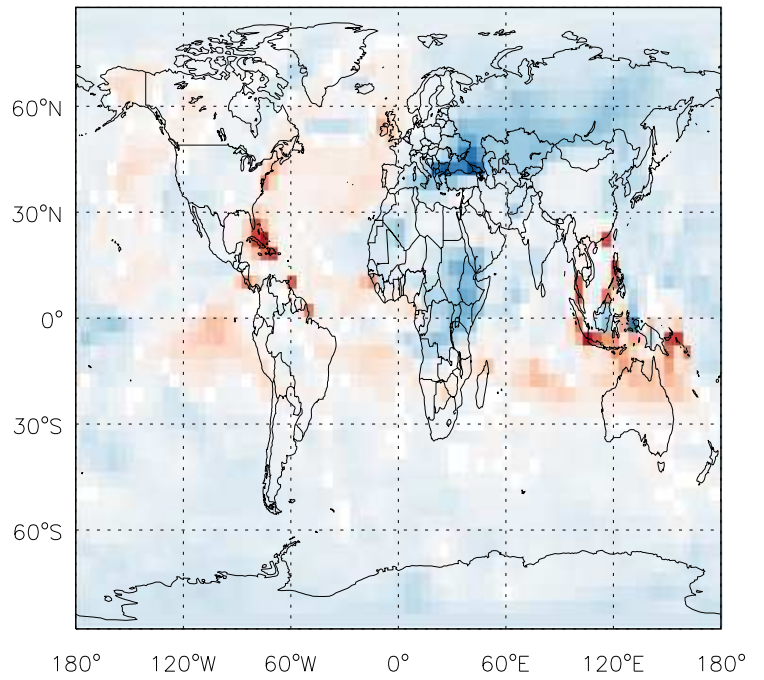


# GEOS-Chem Ratio Maps at surface and 500 hPa

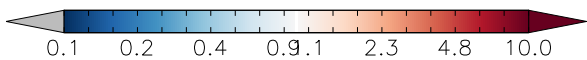
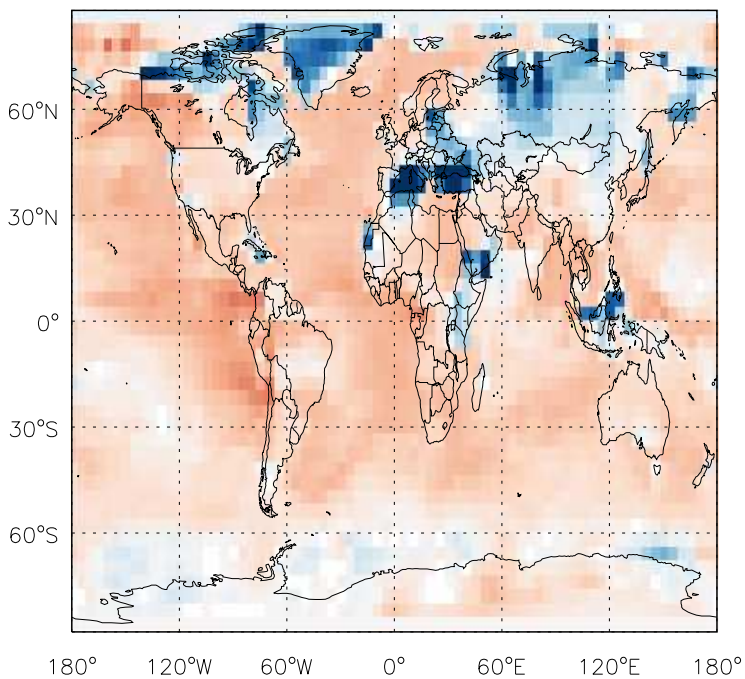
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NITs / Ratio @ Surface for Jul



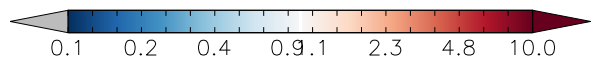
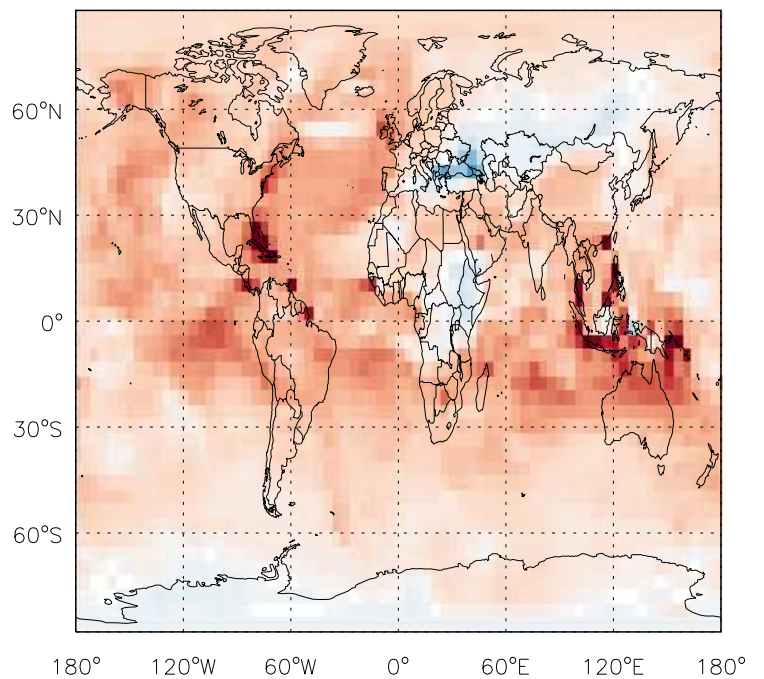
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NITs/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
NITs / Ratio @ Surface for Jul

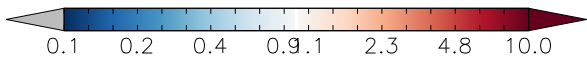
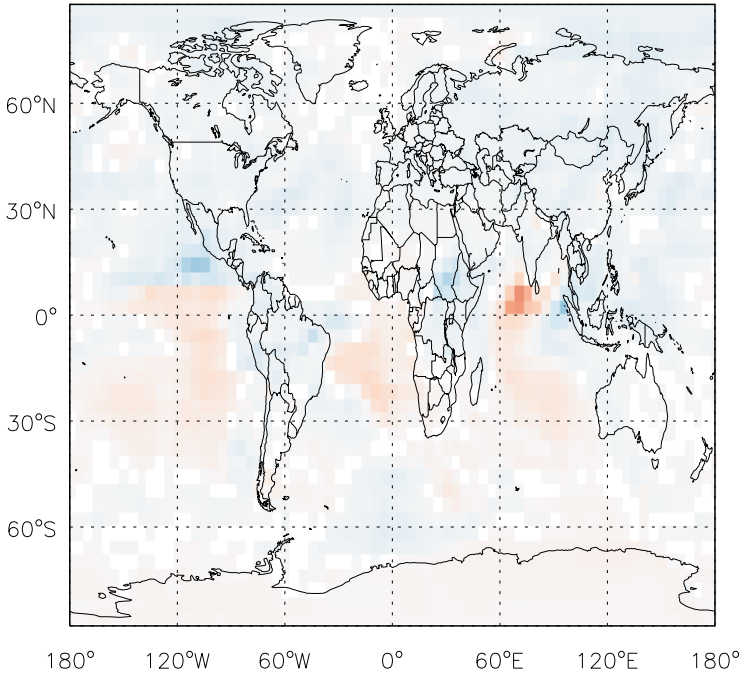


v11-01f-merra2-Run0 / v11-01d-Run1  
NITs/ Ratio @ 500 hPa for Jul

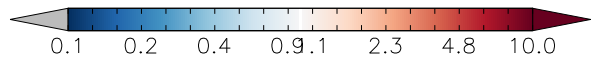
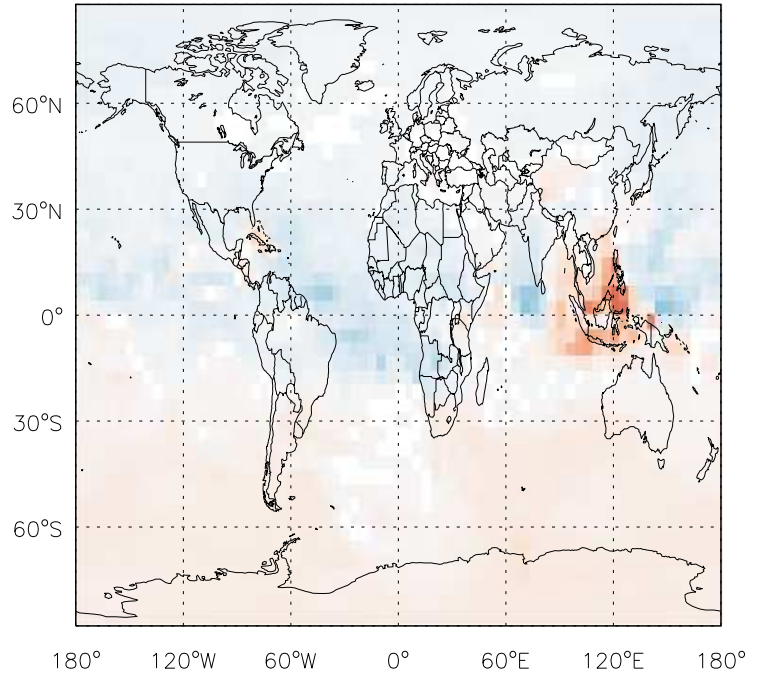


# GEOS-Chem Ratio Maps at surface and 500 hPa

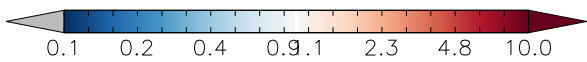
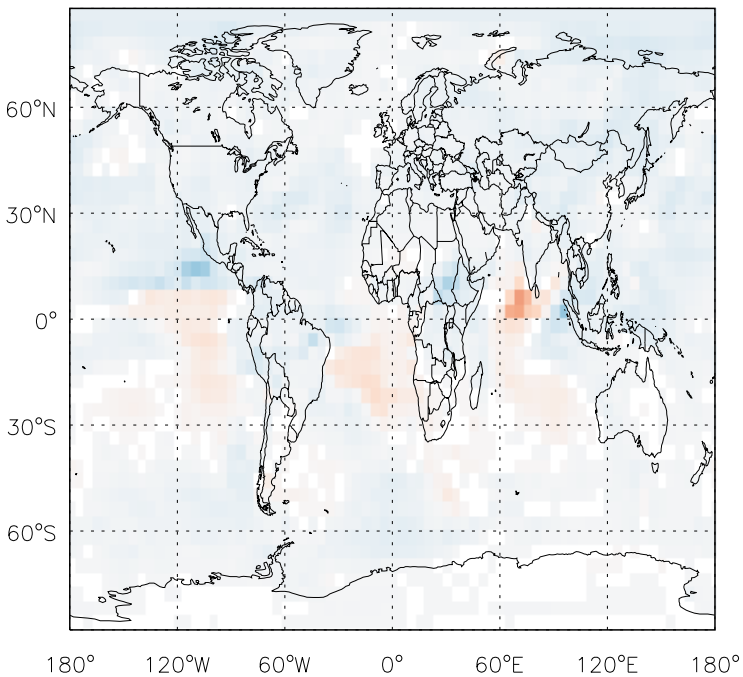
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BCPI / Ratio @ Surface for Jul



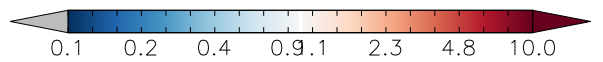
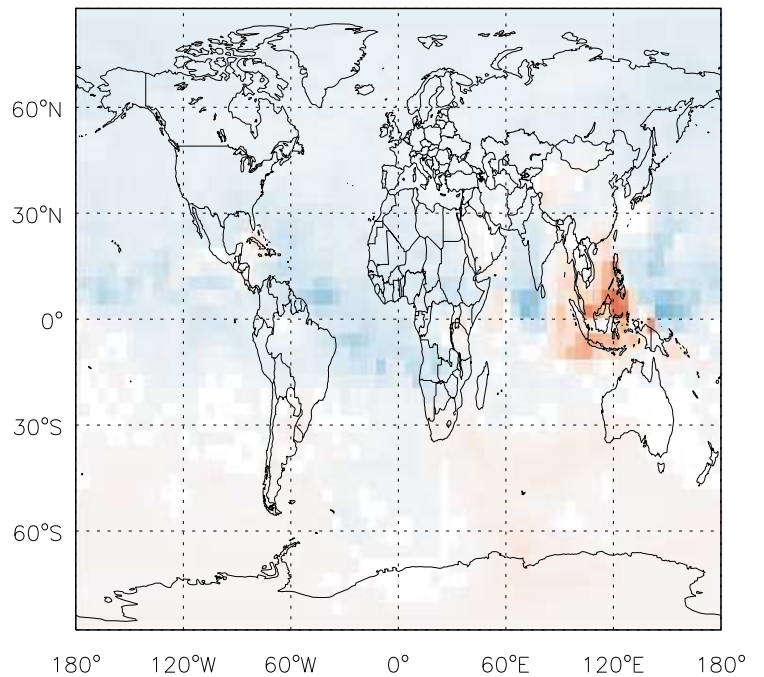
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BCPI/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
BCPI / Ratio @ Surface for Jul

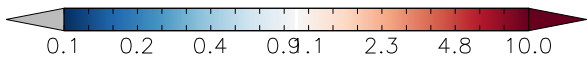
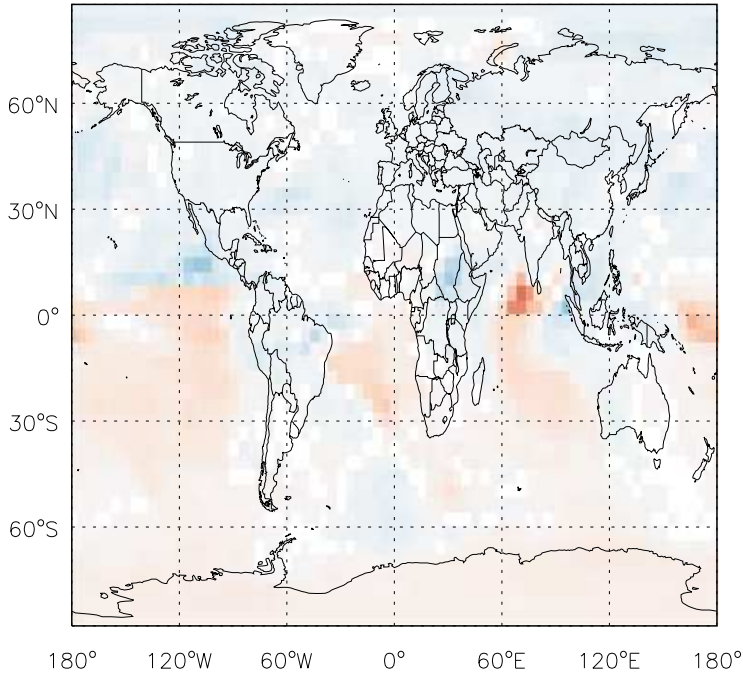


v11-01f-merra2-Run0 / v11-01d-Run1  
BCPI/ Ratio @ 500 hPa for Jul

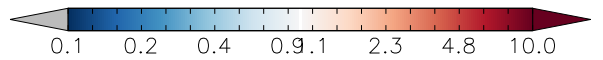
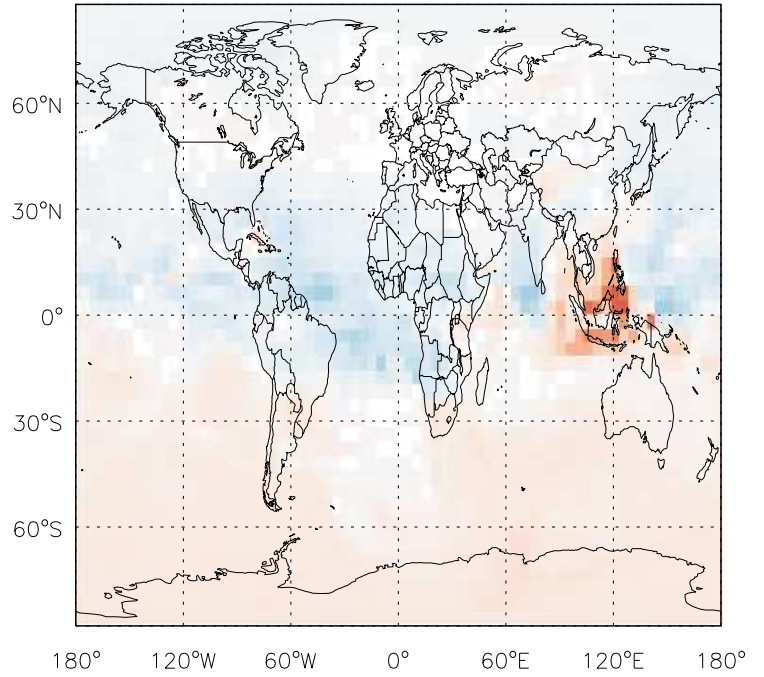


# GEOS-Chem Ratio Maps at surface and 500 hPa

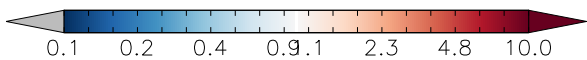
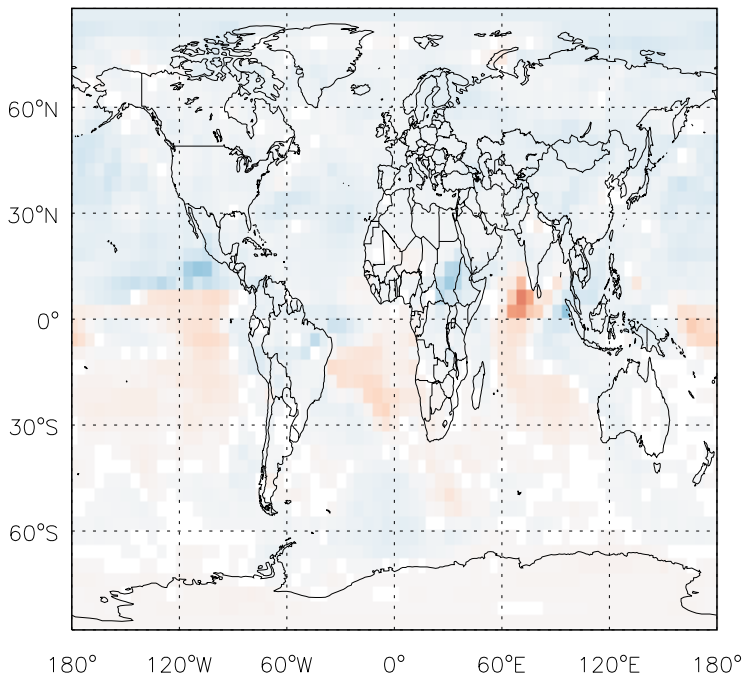
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCPI / Ratio @ Surface for Jul



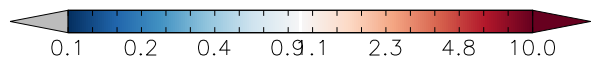
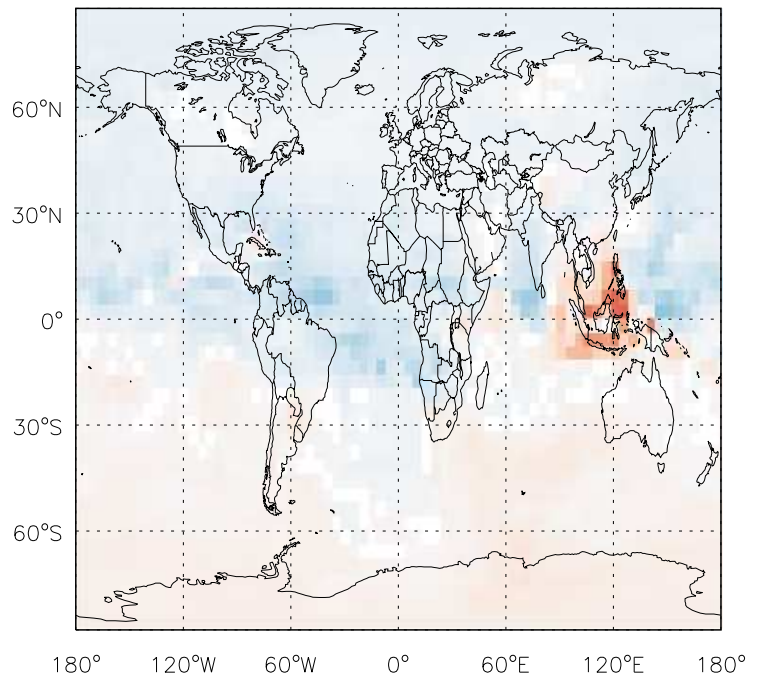
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCPI/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
OCPI / Ratio @ Surface for Jul

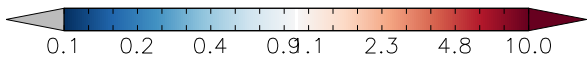
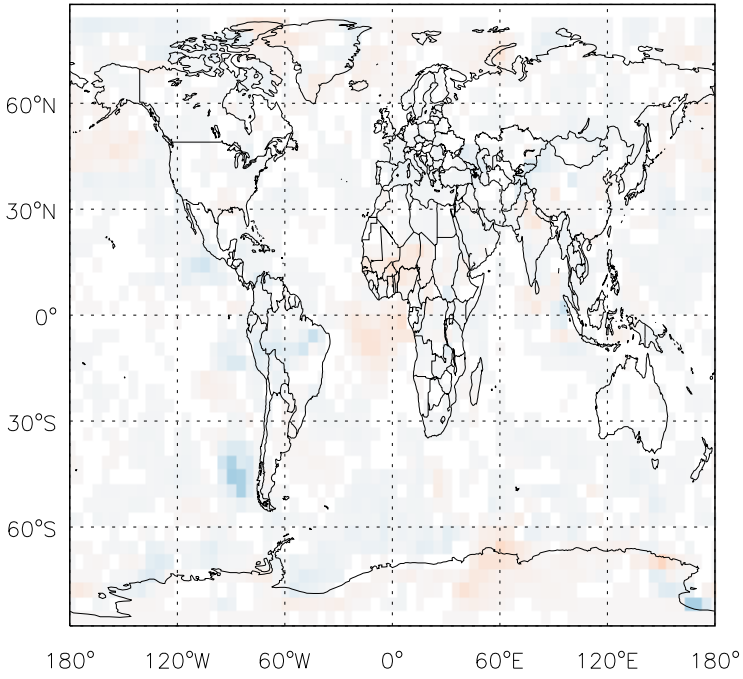


v11-01f-merra2-Run0 / v11-01d-Run1  
OCPI/ Ratio @ 500 hPa for Jul

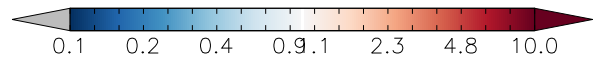
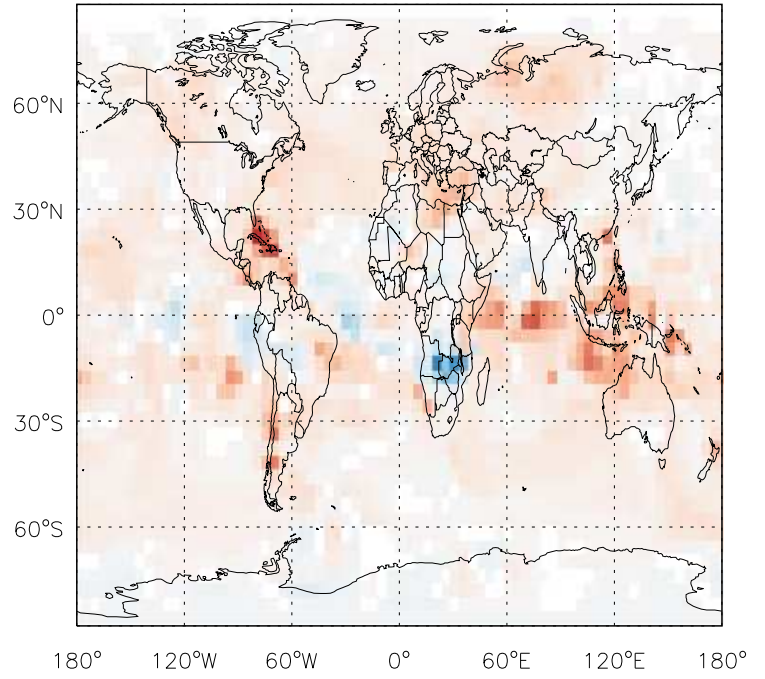


GEOS-Chem Ratio Maps at surface and 500 hPa

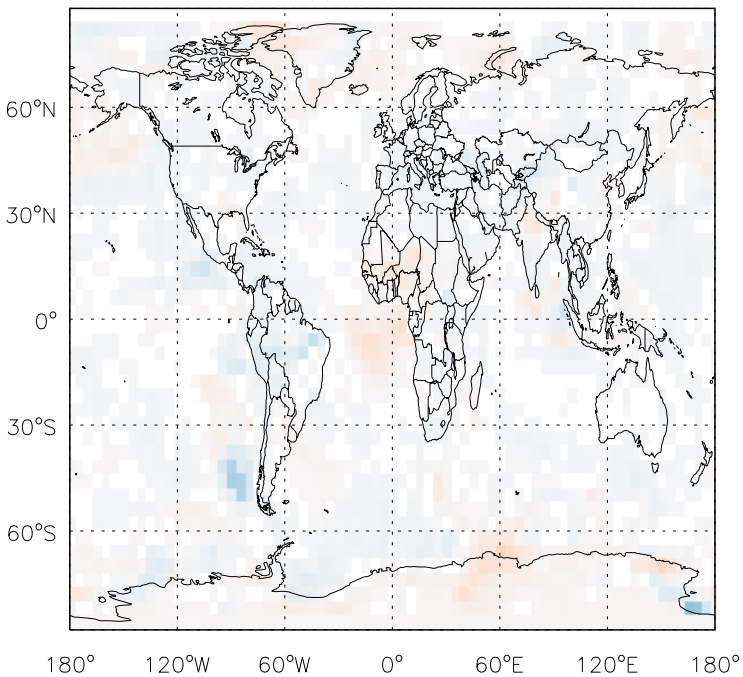
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BCPO / Ratio @ Surface for Jul



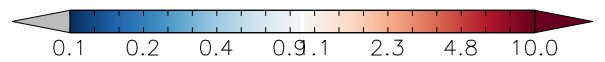
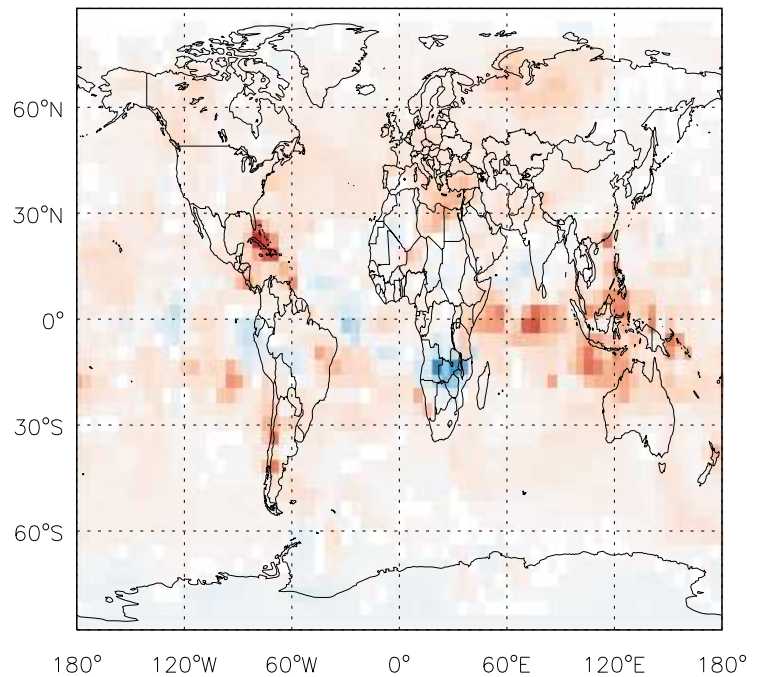
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BCPO/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
BCPO / Ratio @ Surface for Jul

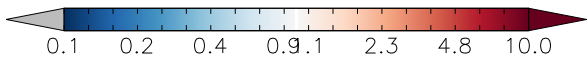
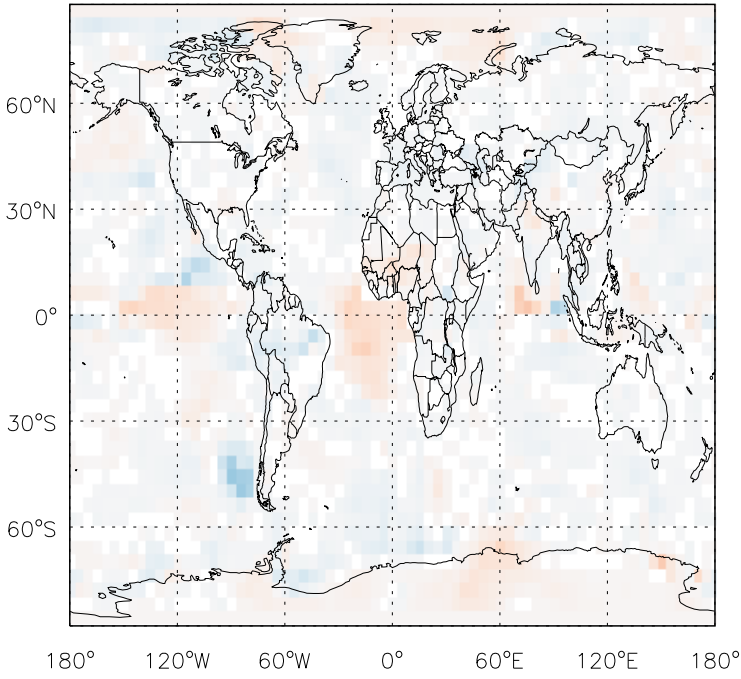


v11-01f-merra2-Run0 / v11-01d-Run1  
BCPO/ Ratio @ 500 hPa for Jul

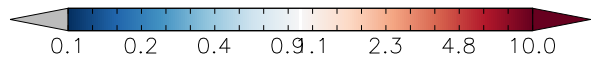
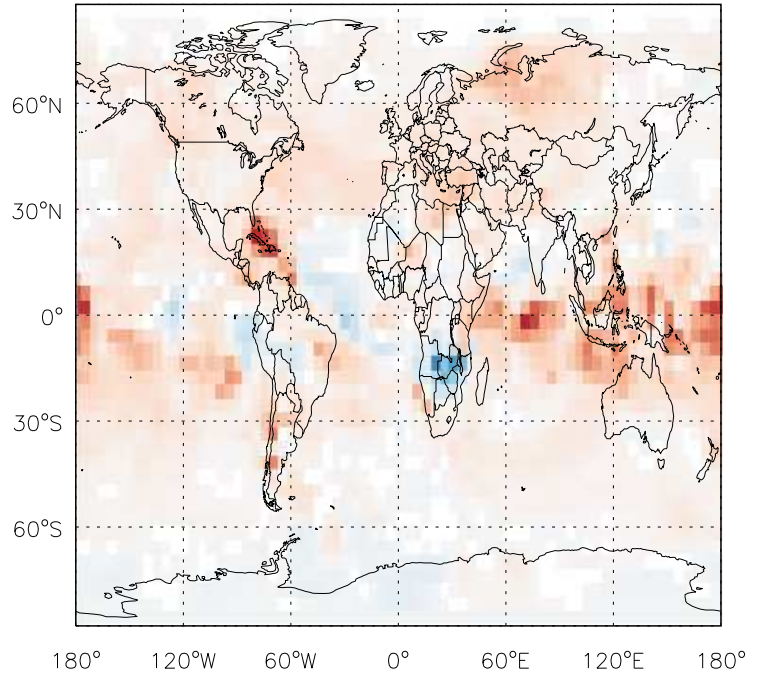


# GEOS-Chem Ratio Maps at surface and 500 hPa

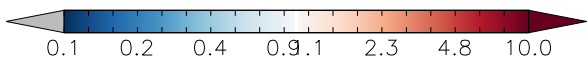
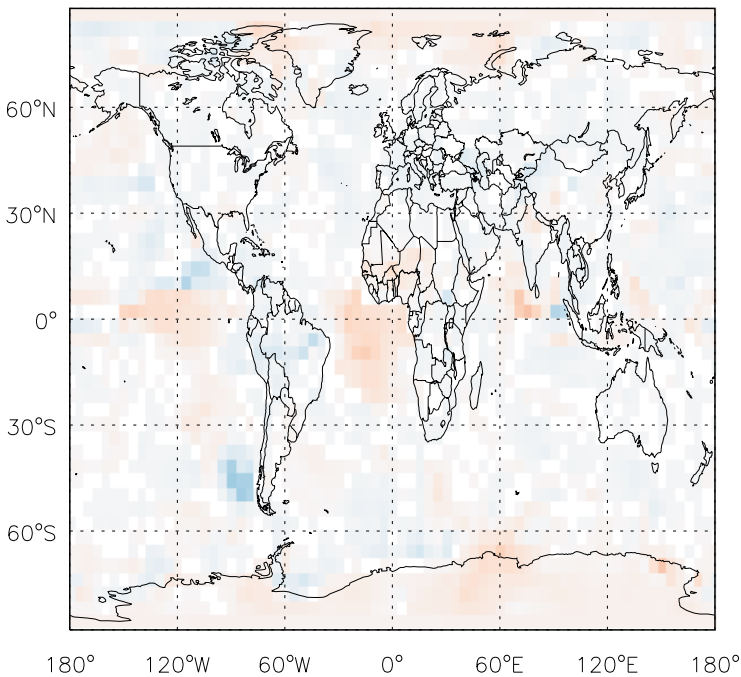
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCPO / Ratio @ Surface for Jul



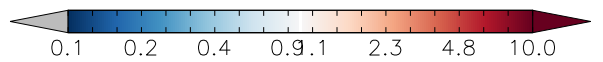
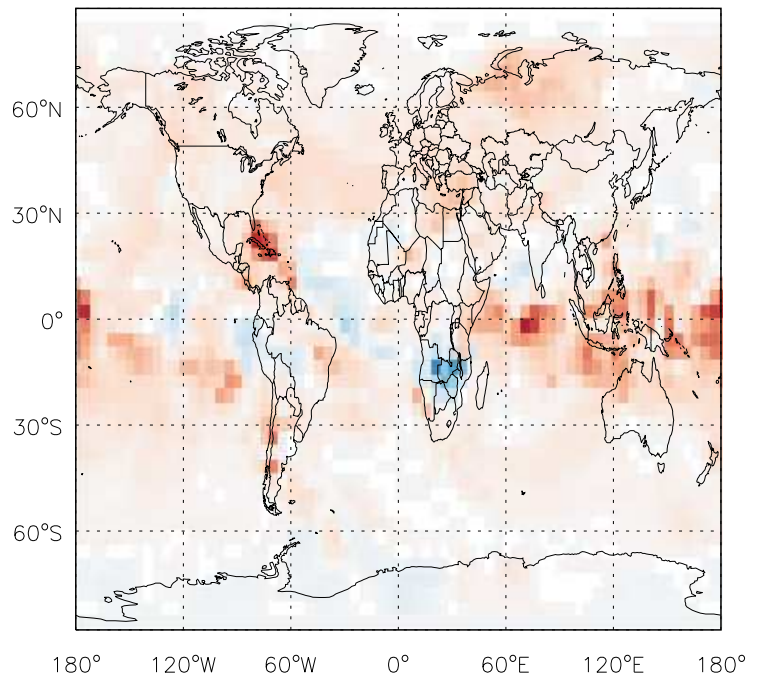
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCPO / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
OCPO / Ratio @ Surface for Jul

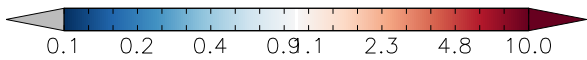
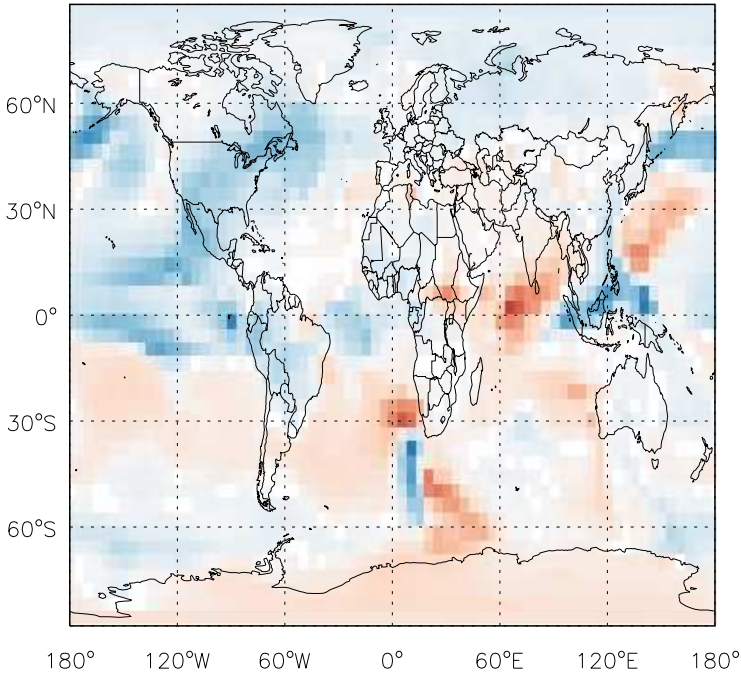


v11-01f-merra2-Run0 / v11-01d-Run1  
OCPO / Ratio @ 500 hPa for Jul

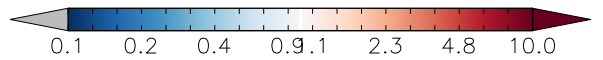
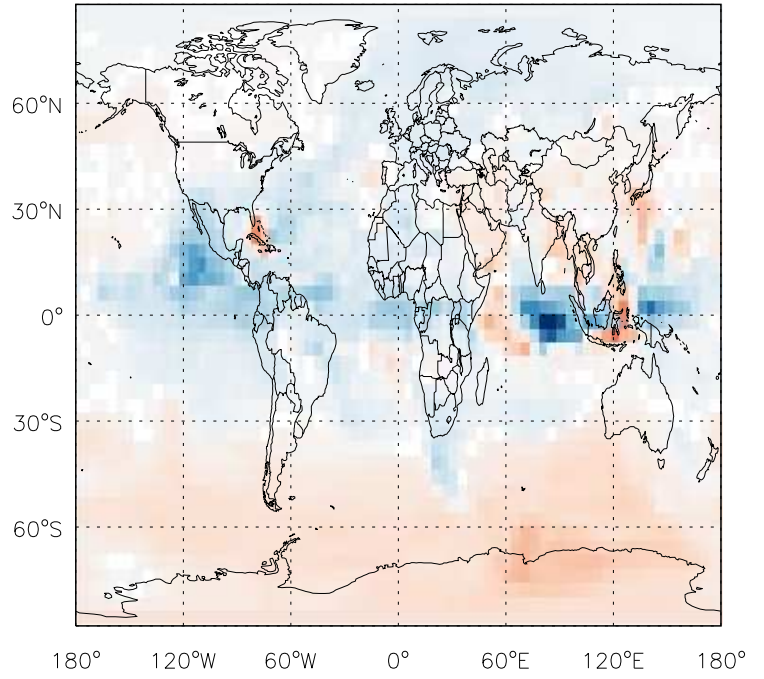


# GEOS-Chem Ratio Maps at surface and 500 hPa

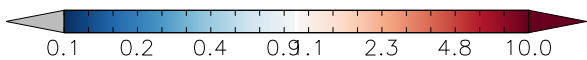
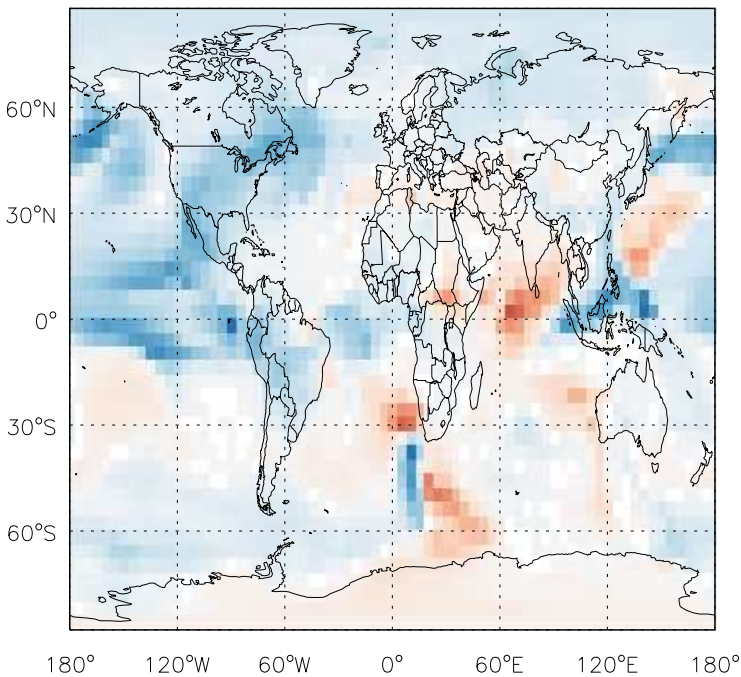
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST1 / Ratio @ Surface for Jul



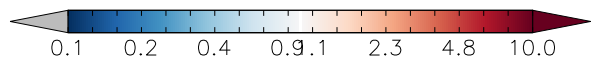
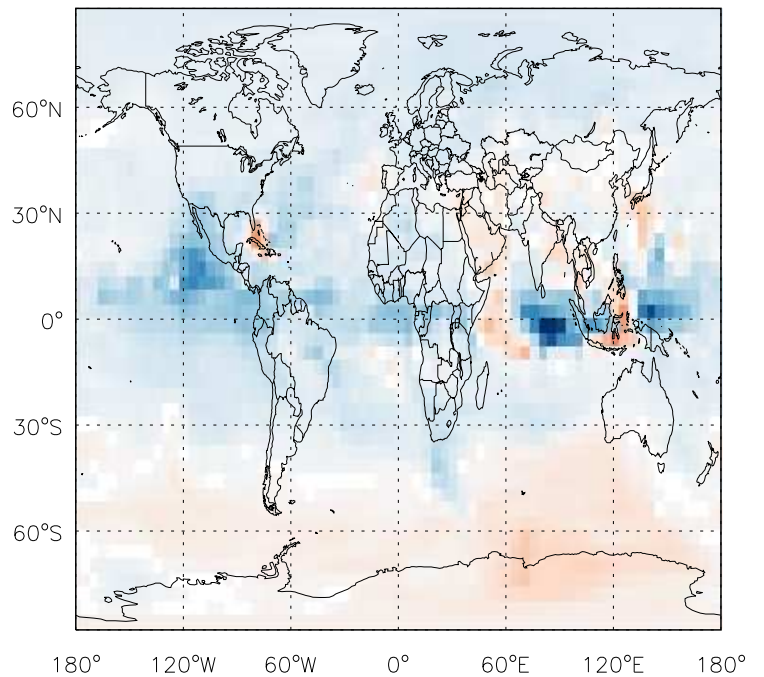
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST1/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
DST1 / Ratio @ Surface for Jul

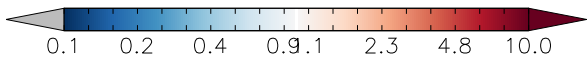
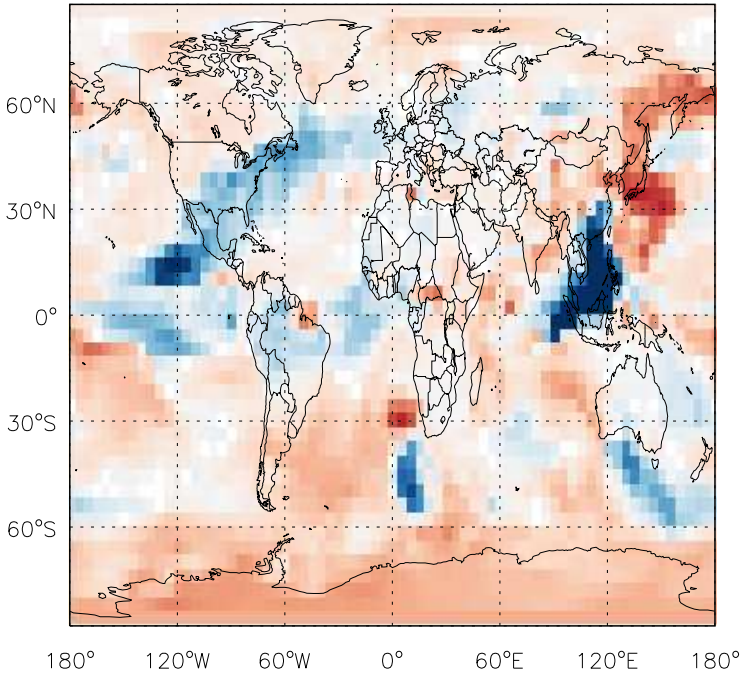


v11-01f-merra2-Run0 / v11-01d-Run1  
DST1/ Ratio @ 500 hPa for Jul

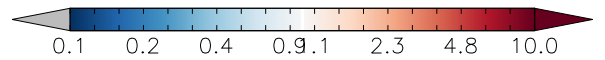
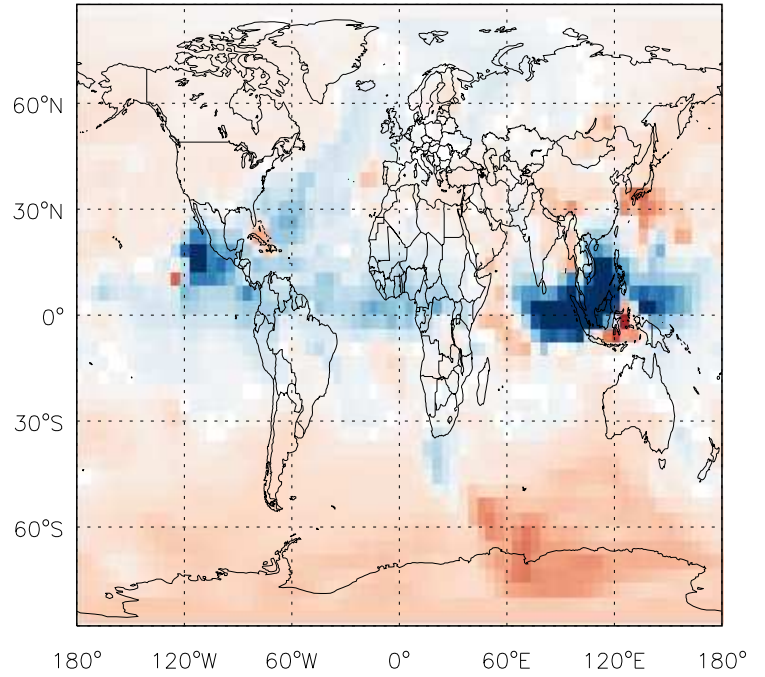


# GEOS-Chem Ratio Maps at surface and 500 hPa

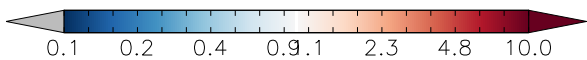
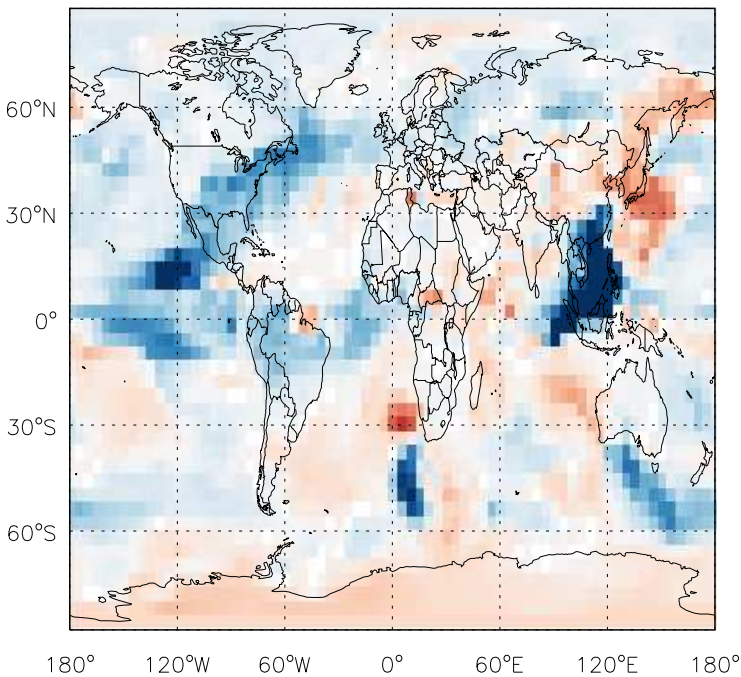
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST2 / Ratio @ Surface for Jul



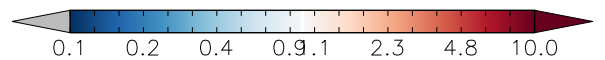
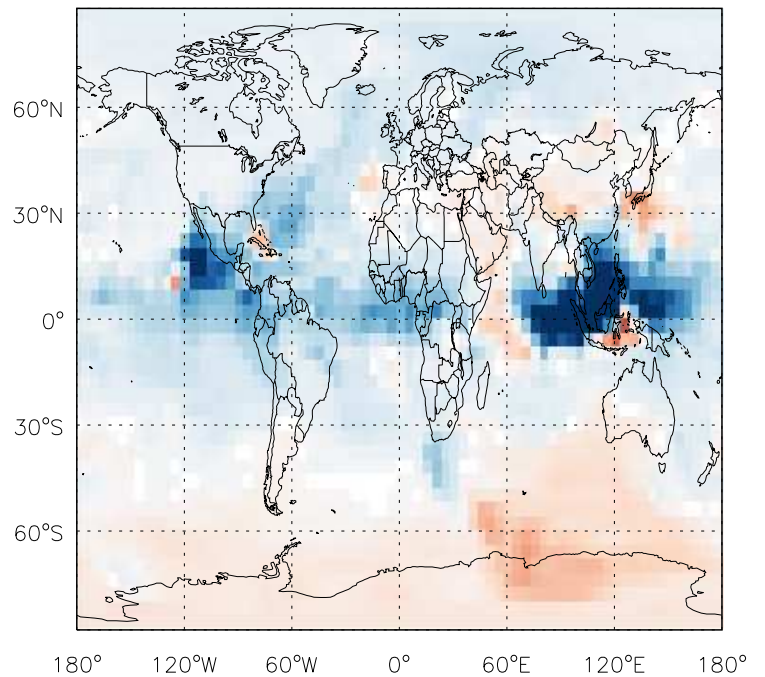
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST2/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
DST2 / Ratio @ Surface for Jul

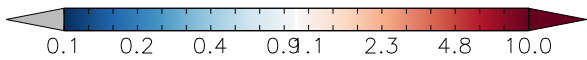
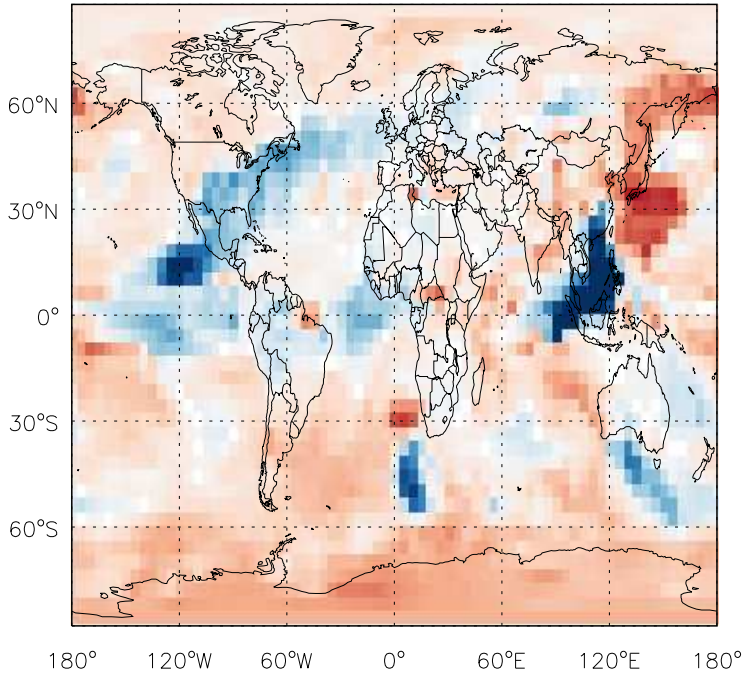


v11-01f-merra2-Run0 / v11-01d-Run1  
DST2/ Ratio @ 500 hPa for Jul

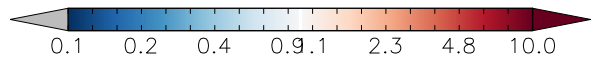
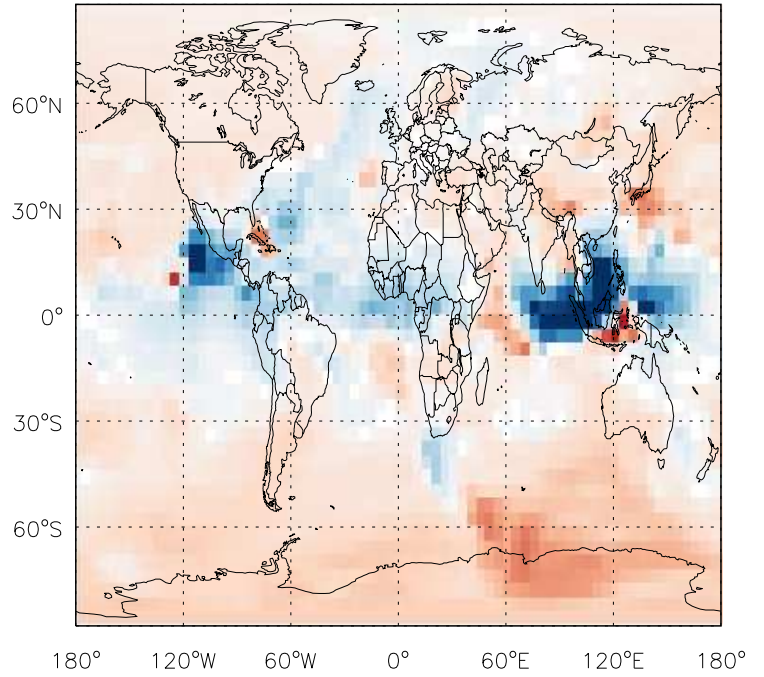


# GEOS-Chem Ratio Maps at surface and 500 hPa

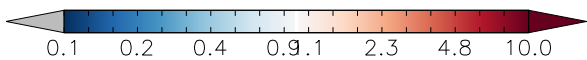
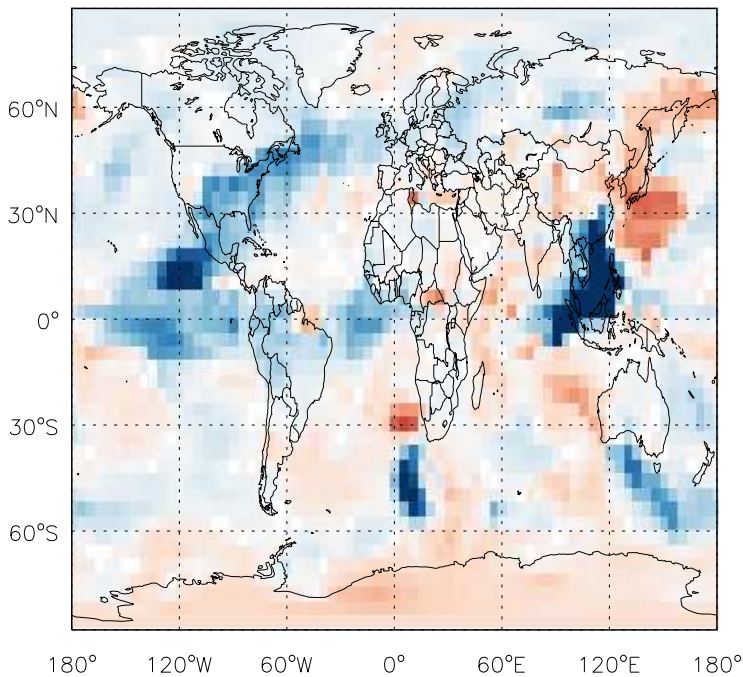
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST3 / Ratio @ Surface for Jul



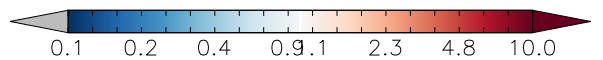
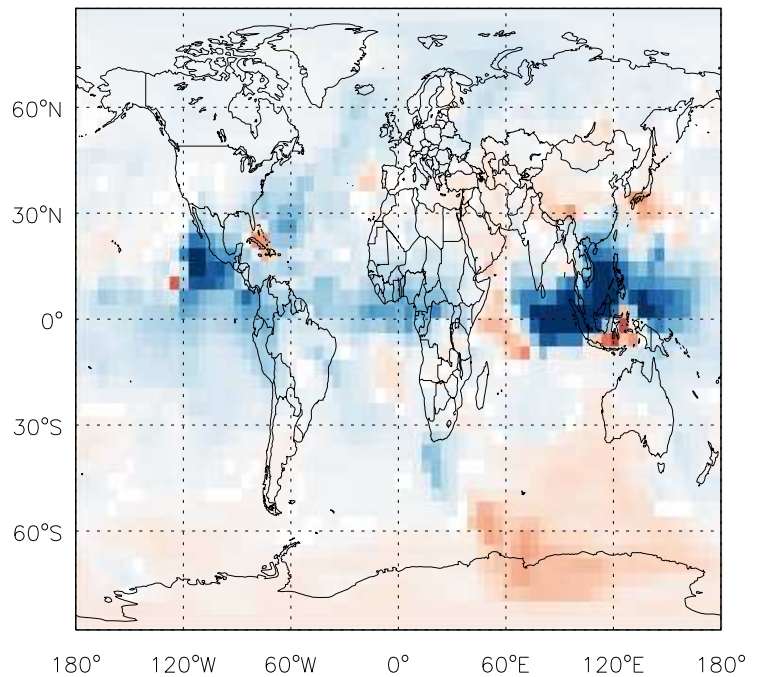
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST3/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
DST3 / Ratio @ Surface for Jul



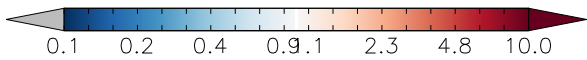
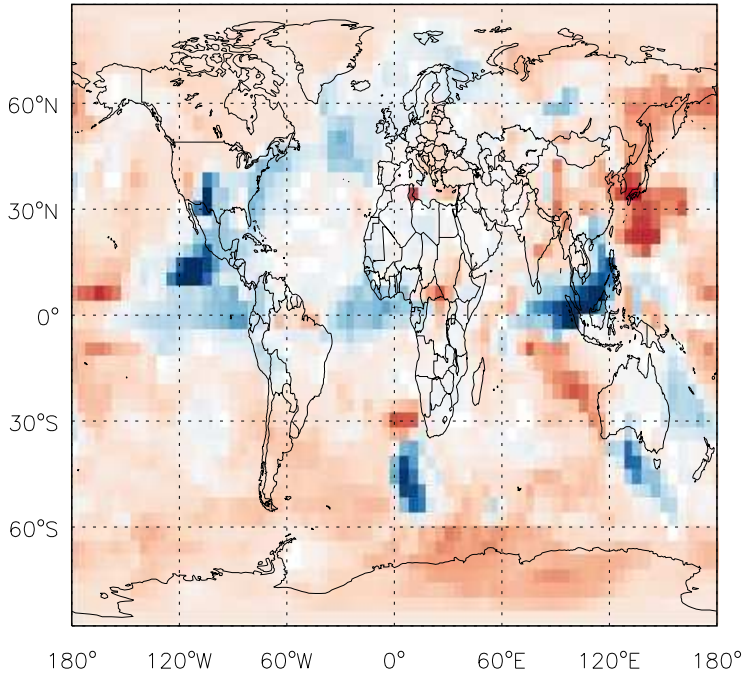
v11-01f-merra2-Run0 / v11-01d-Run1  
DST3/ Ratio @ 500 hPa for Jul



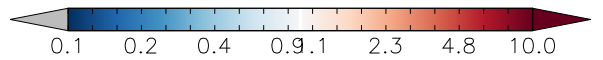
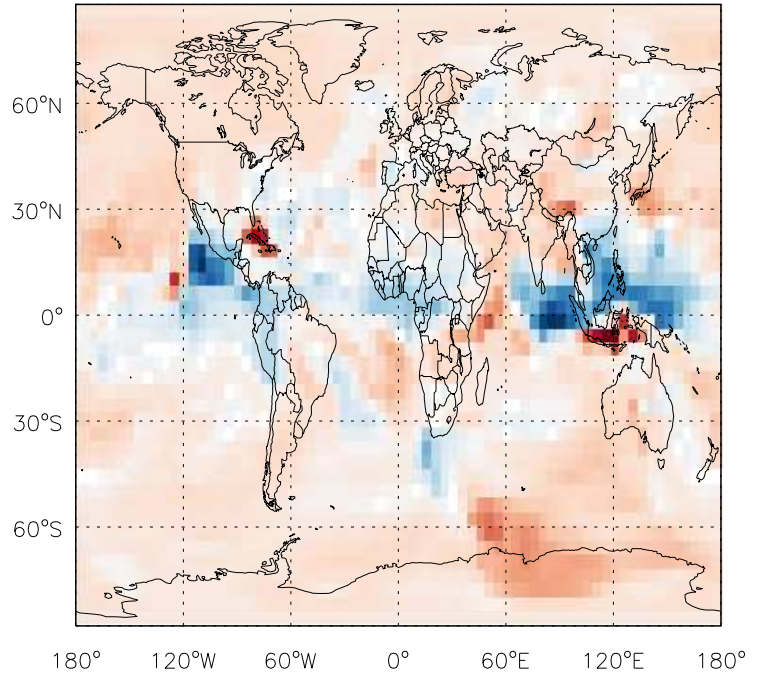


GEOS-Chem Ratio Maps at surface and 500 hPa

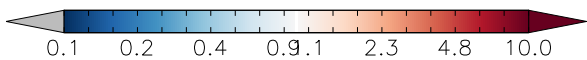
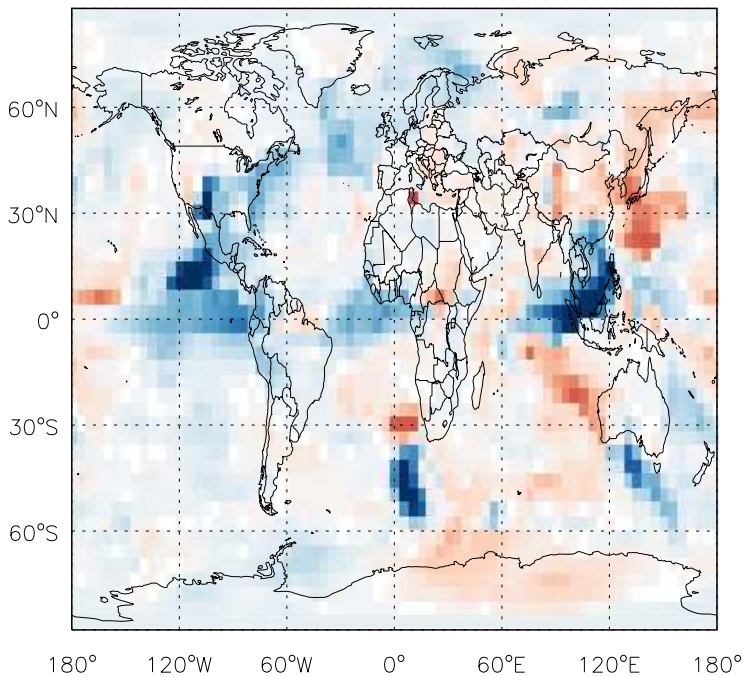
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST4 / Ratio @ Surface for Jul



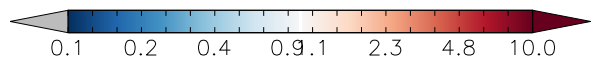
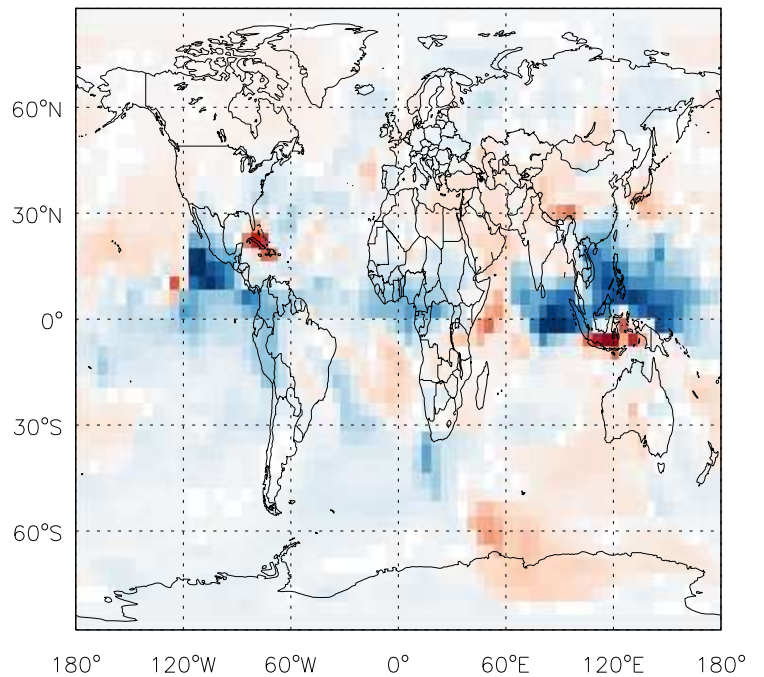
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
DST4/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
DST4 / Ratio @ Surface for Jul



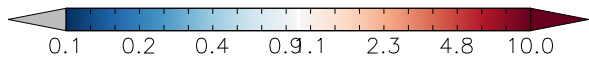
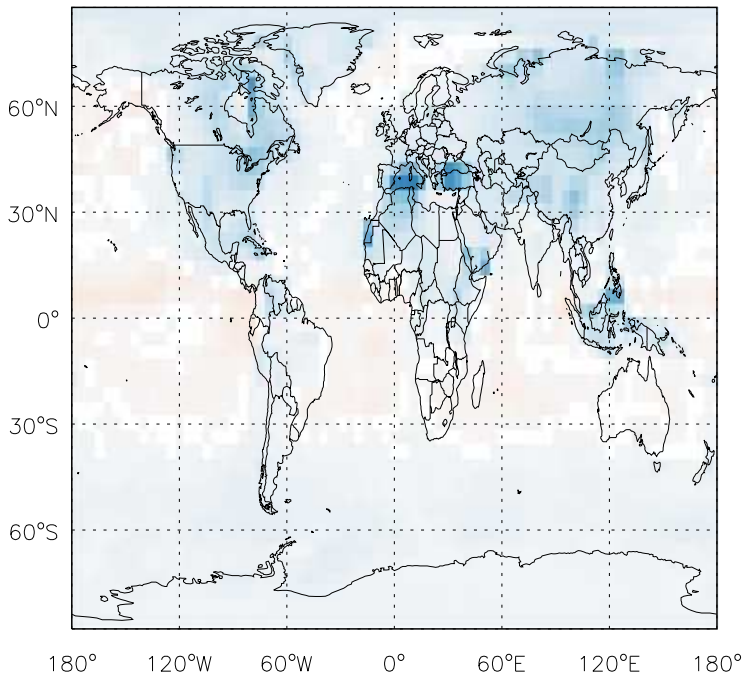
v11-01f-merra2-Run0 / v11-01d-Run1  
DST4/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

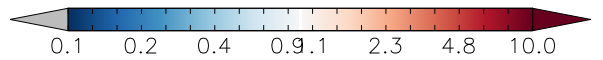
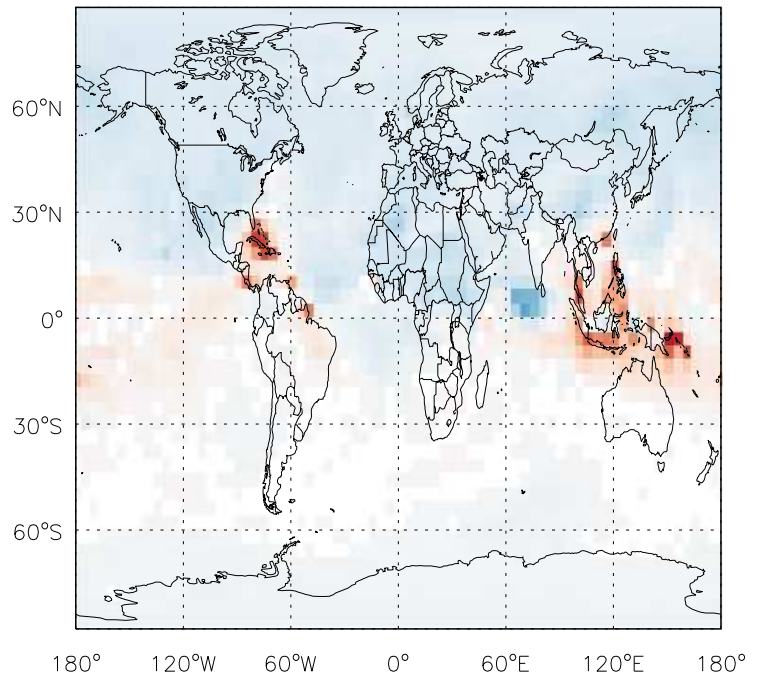
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

SALA / Ratio @ Surface for Jul



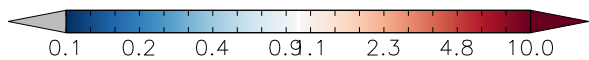
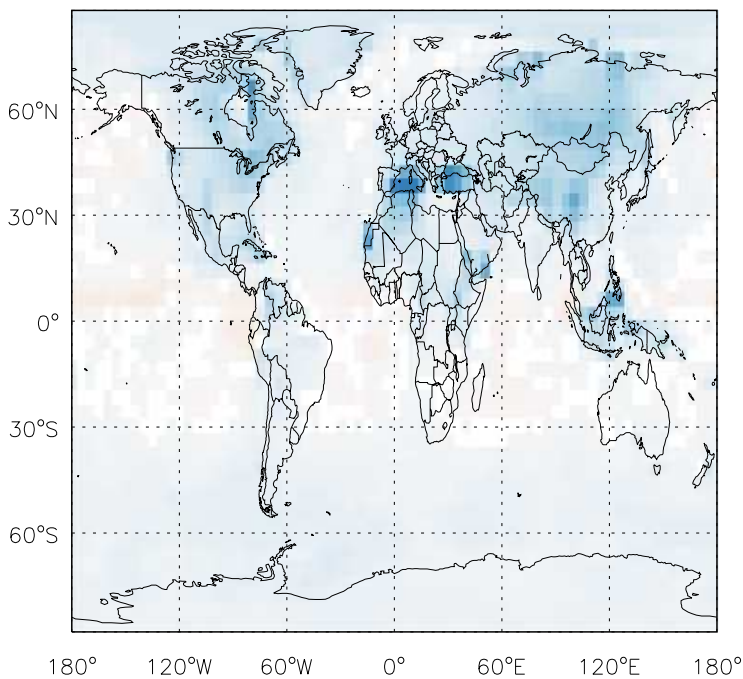
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

SALA/ Ratio @ 500 hPa for Jul



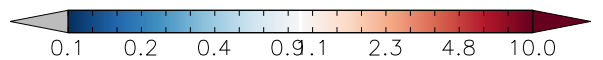
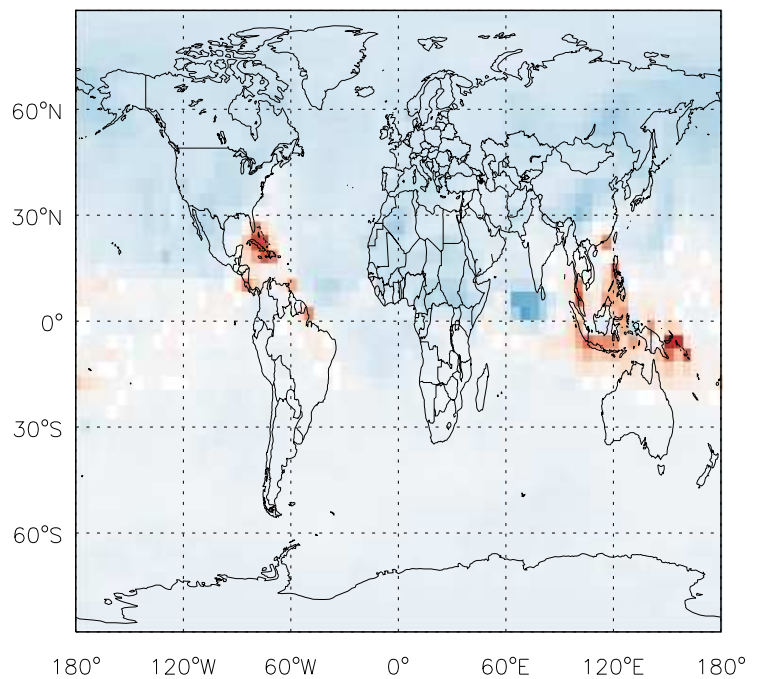
v11-01f-merra2-Run0 / v11-01d-Run1

SALA / Ratio @ Surface for Jul



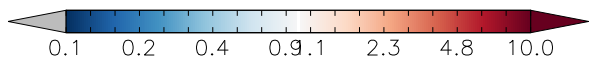
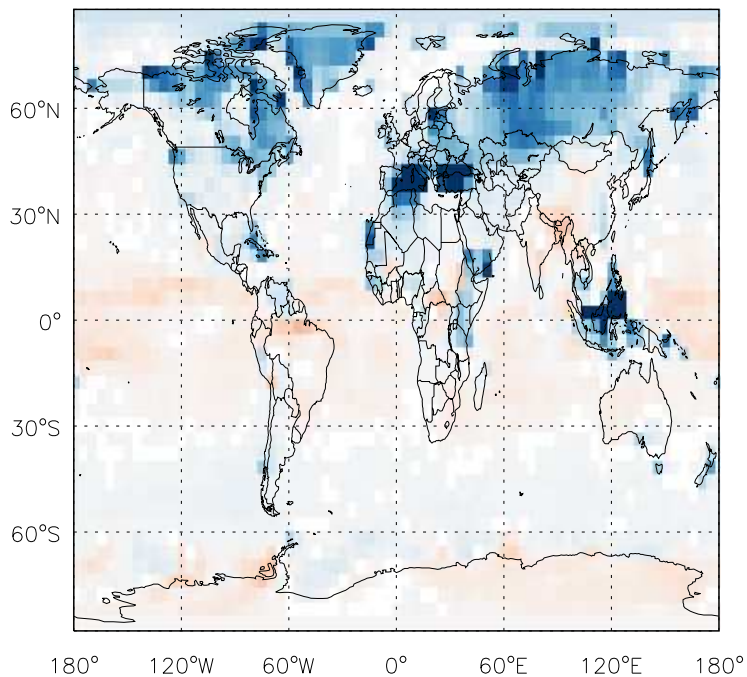
v11-01f-merra2-Run0 / v11-01d-Run1

SALA/ Ratio @ 500 hPa for Jul

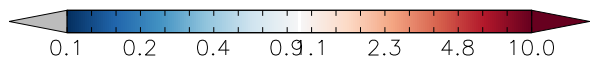
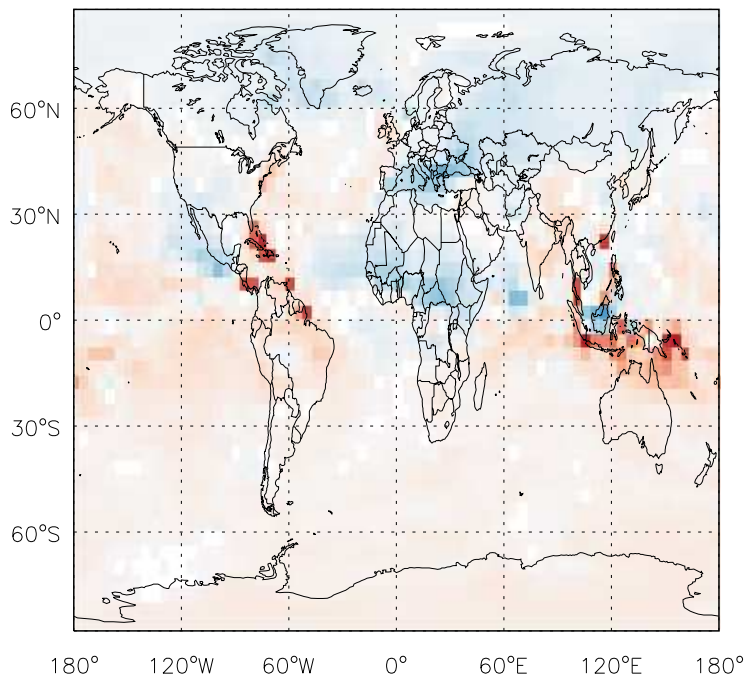


# GEOS-Chem Ratio Maps at surface and 500 hPa

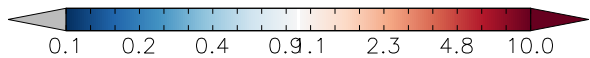
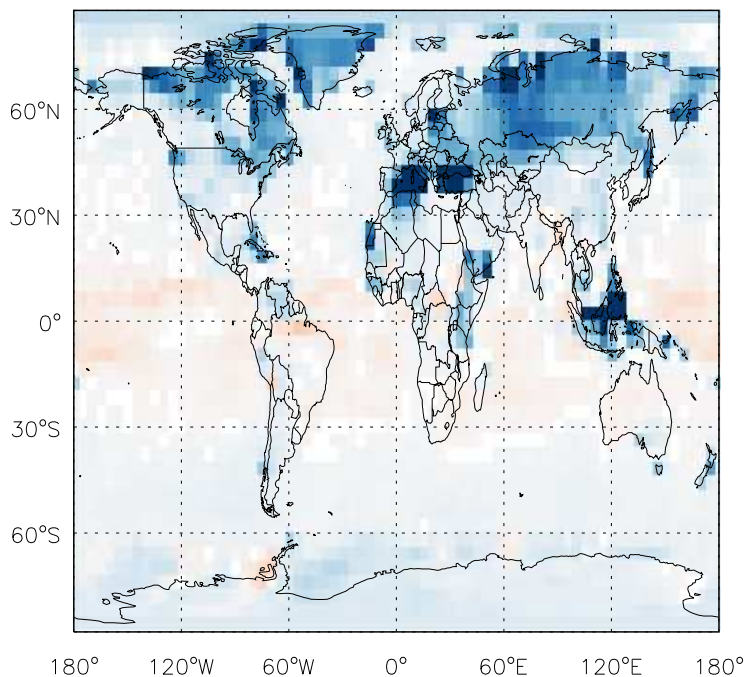
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
SALC / Ratio @ Surface for Jul



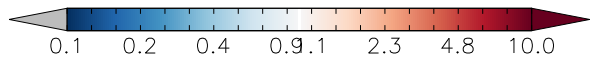
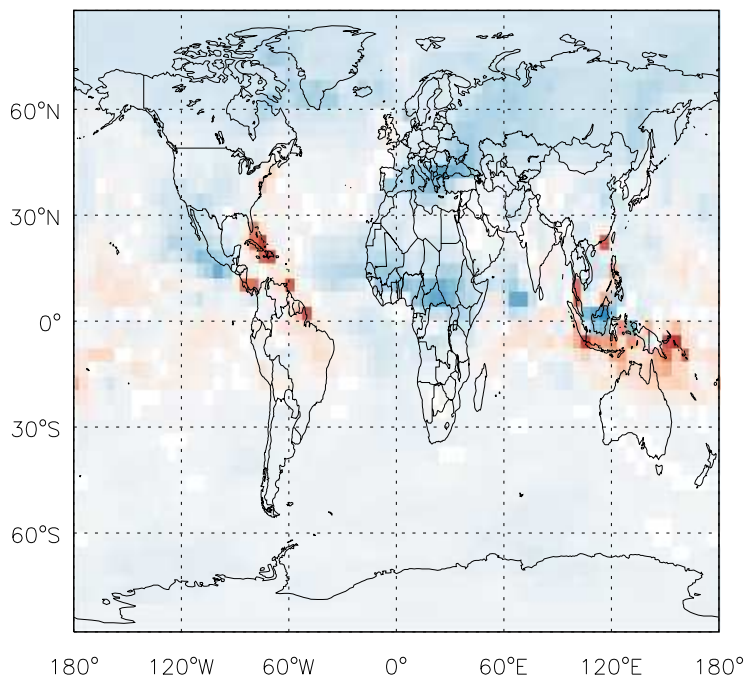
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
SALC/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
SALC / Ratio @ Surface for Jul

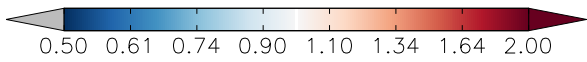
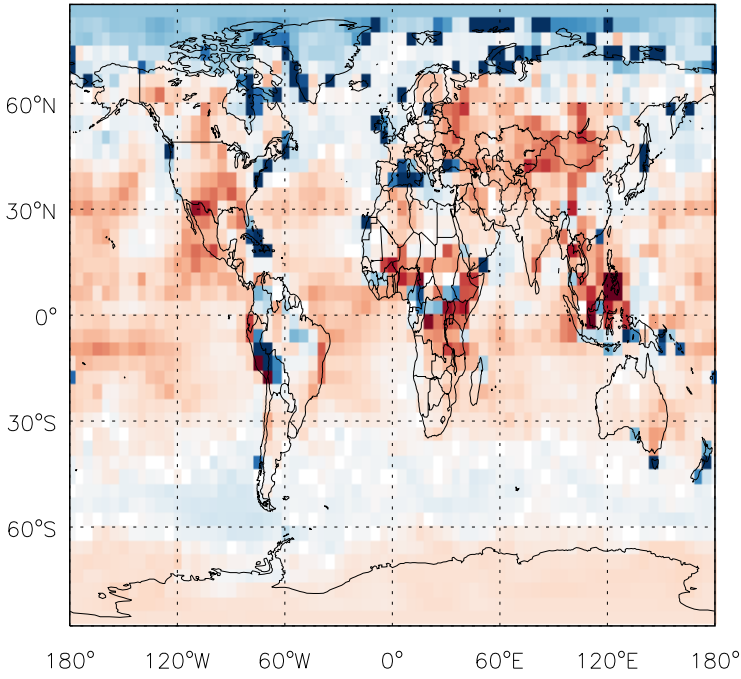


v11-01f-merra2-Run0 / v11-01d-Run1  
SALC/ Ratio @ 500 hPa for Jul

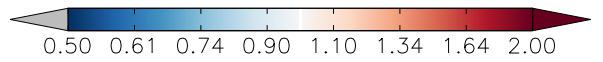
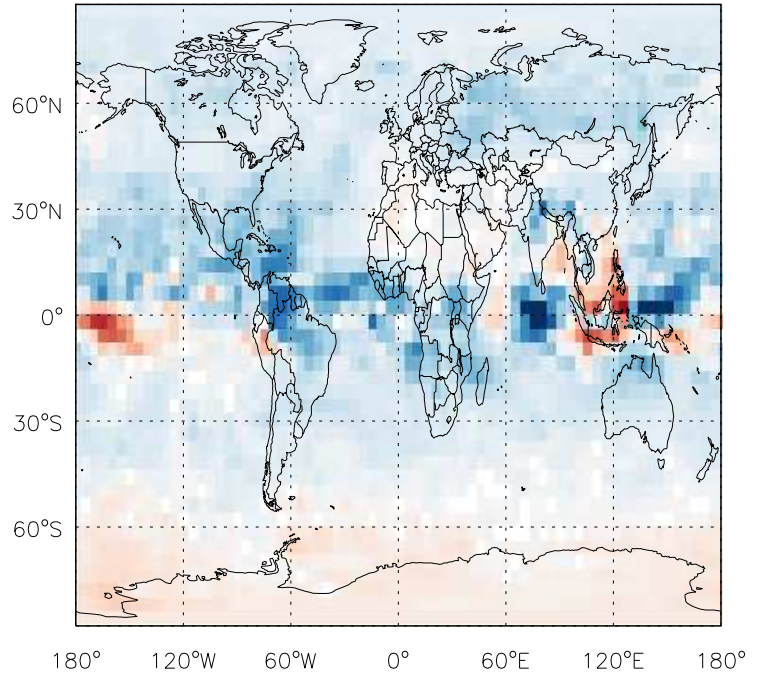


GEOS-Chem Ratio Maps at surface and 500 hPa

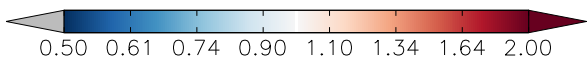
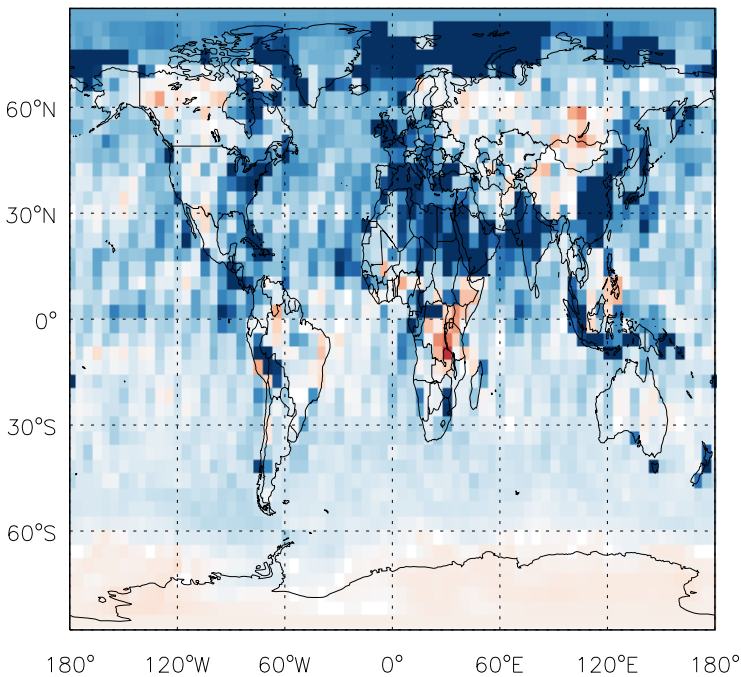
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
Br2 / Ratio @ Surface for Jul



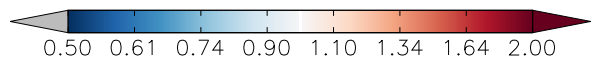
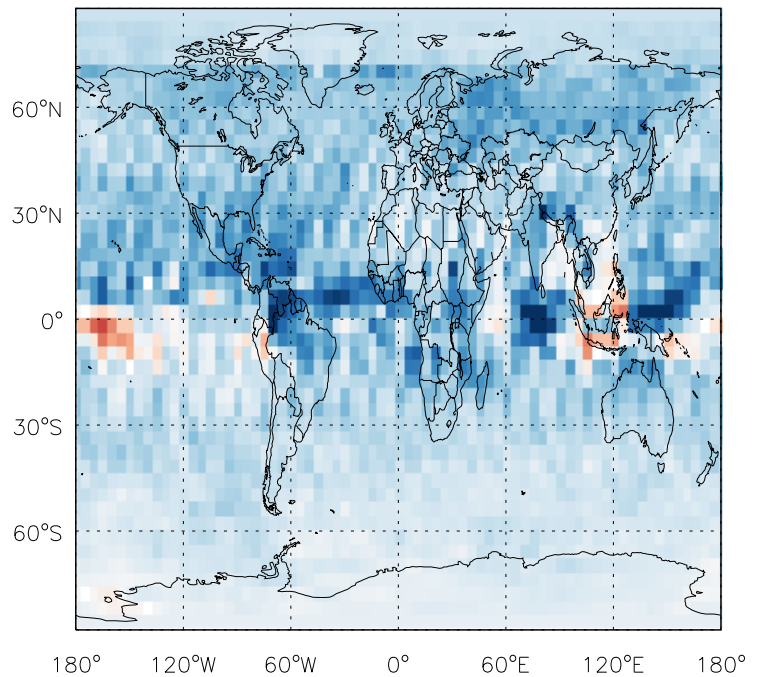
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
Br2/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
Br2 / Ratio @ Surface for Jul



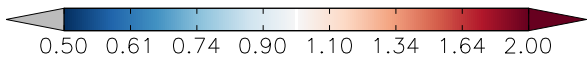
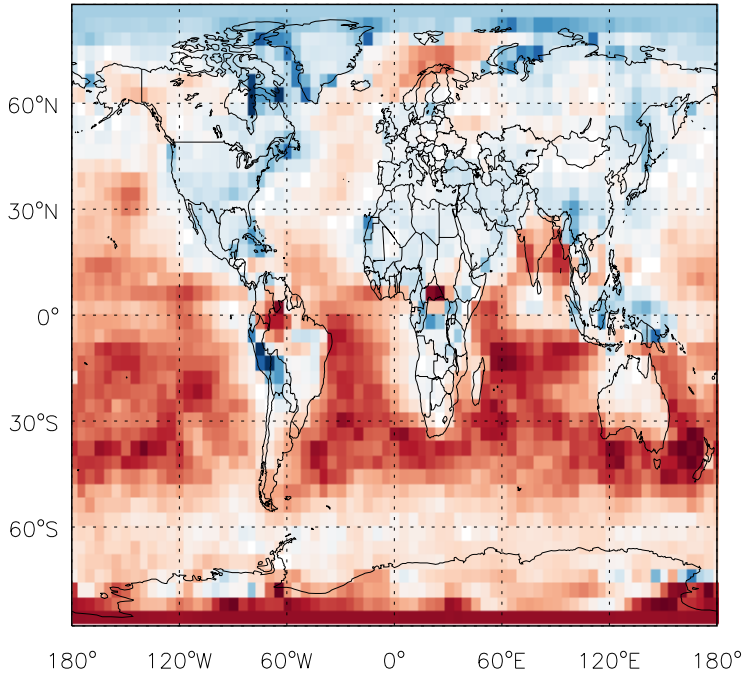
v11-01f-merra2-Run0 / v11-01d-Run1  
Br2/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

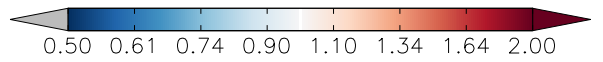
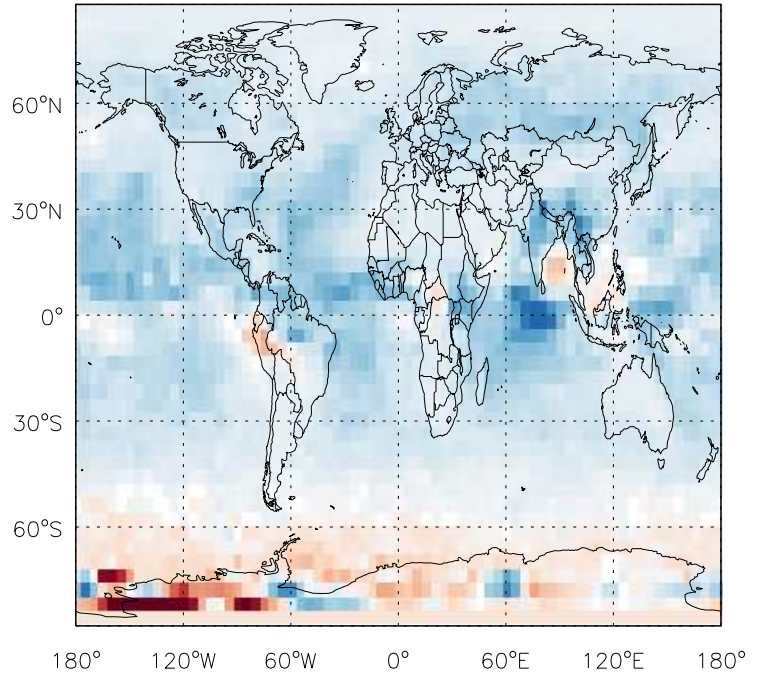
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Br / Ratio @ Surface for Jul



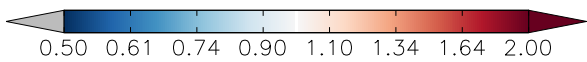
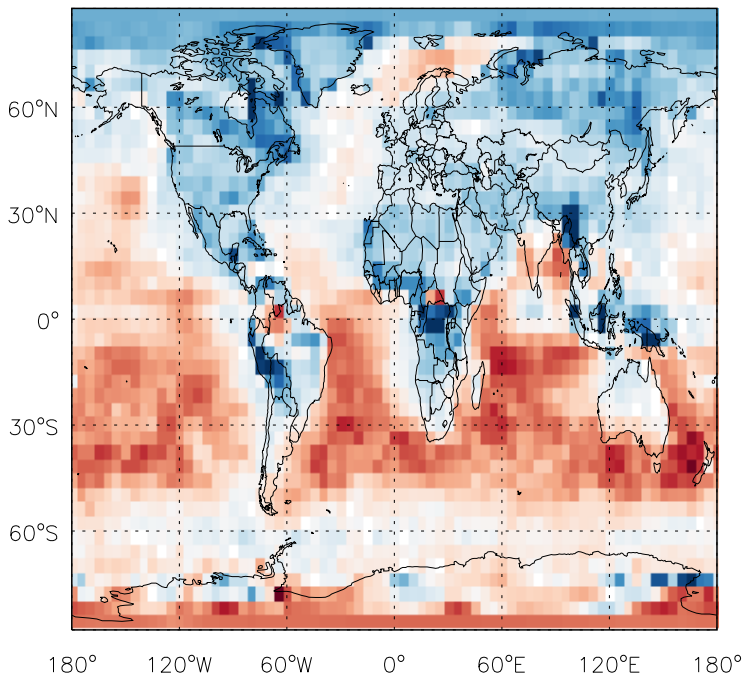
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Br/ Ratio @ 500 hPa for Jul



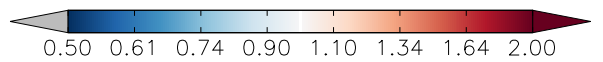
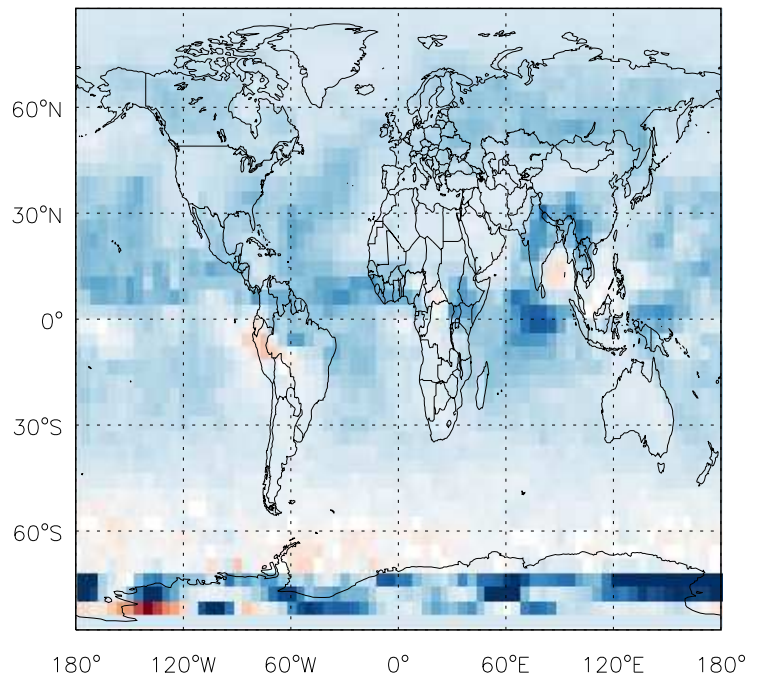
v11-01f-merra2-Run0 / v11-01d-Run1

Br / Ratio @ Surface for Jul



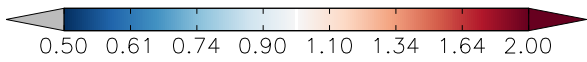
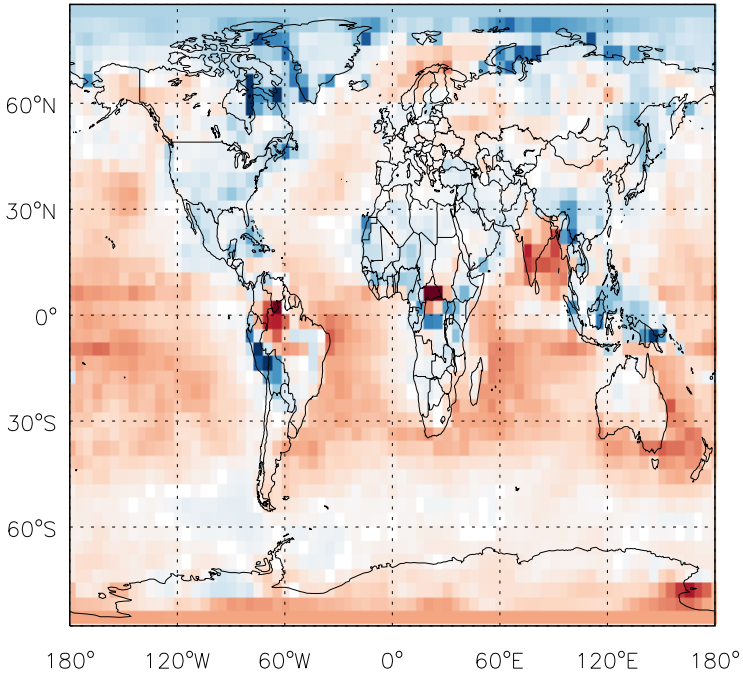
v11-01f-merra2-Run0 / v11-01d-Run1

Br/ Ratio @ 500 hPa for Jul

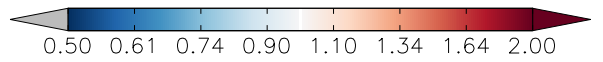
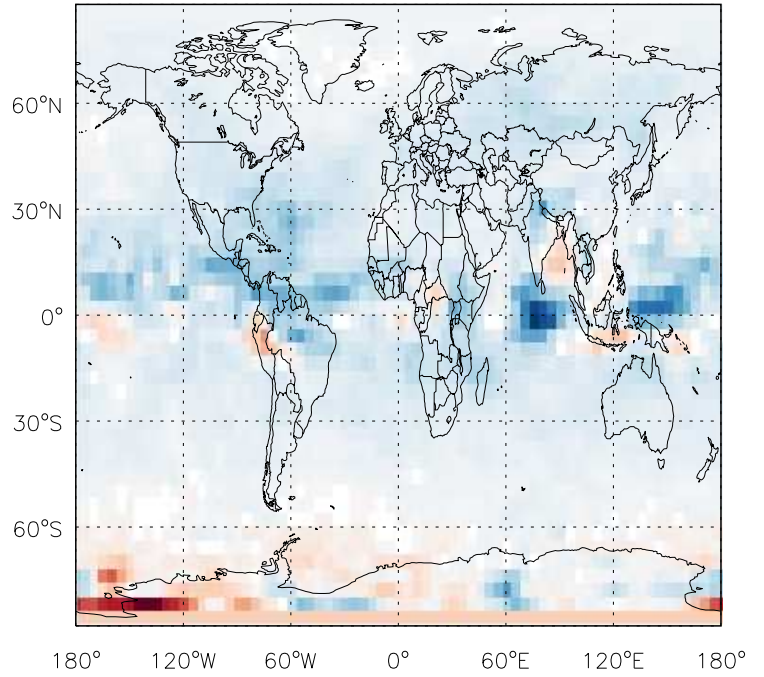


# GEOS-Chem Ratio Maps at surface and 500 hPa

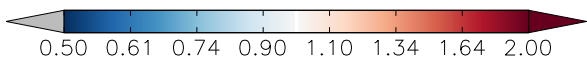
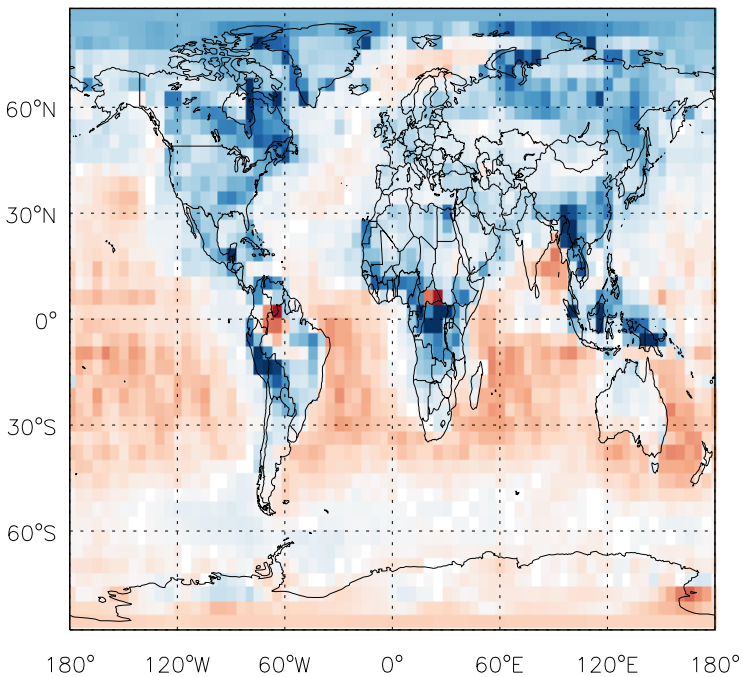
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BrO / Ratio @ Surface for Jul



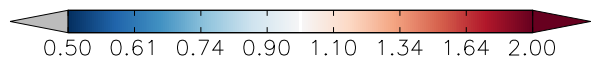
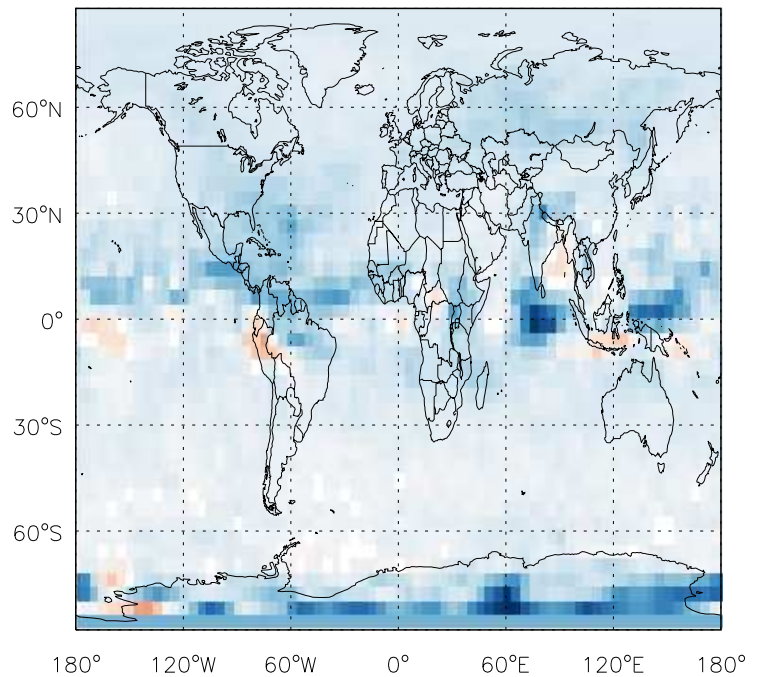
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BrO/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
BrO / Ratio @ Surface for Jul

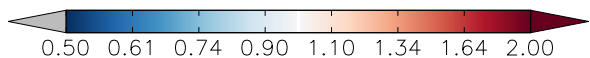
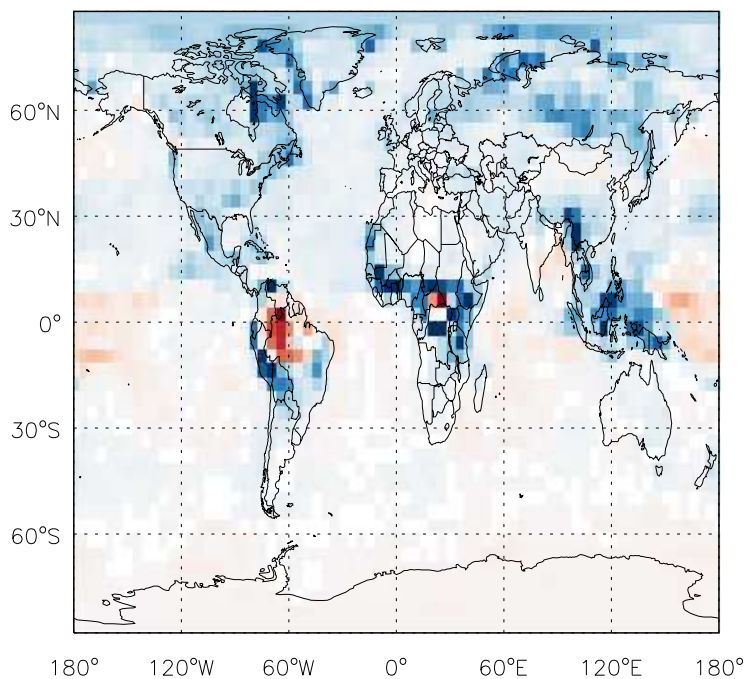


v11-01f-merra2-Run0 / v11-01d-Run1  
BrO/ Ratio @ 500 hPa for Jul

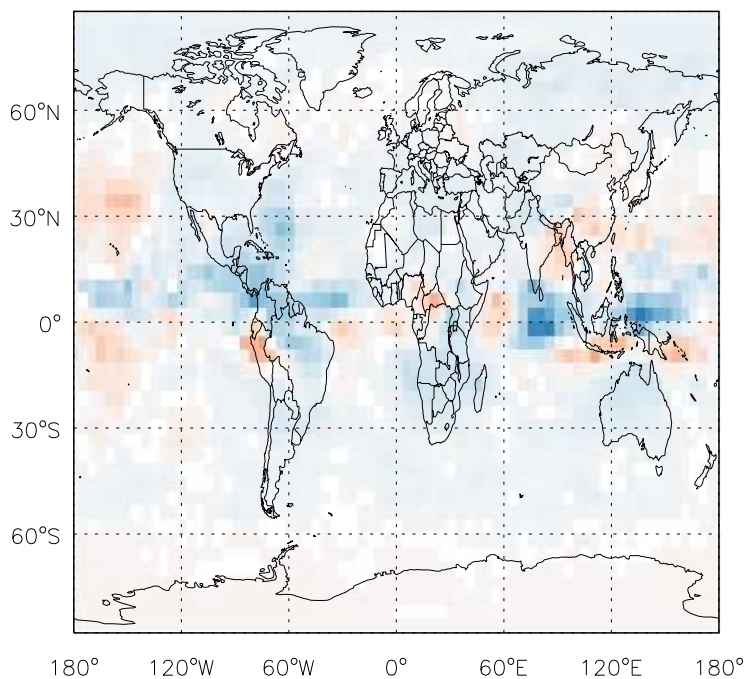


# GEOS-Chem Ratio Maps at surface and 500 hPa

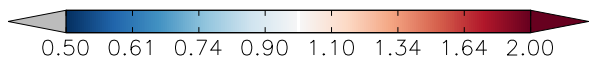
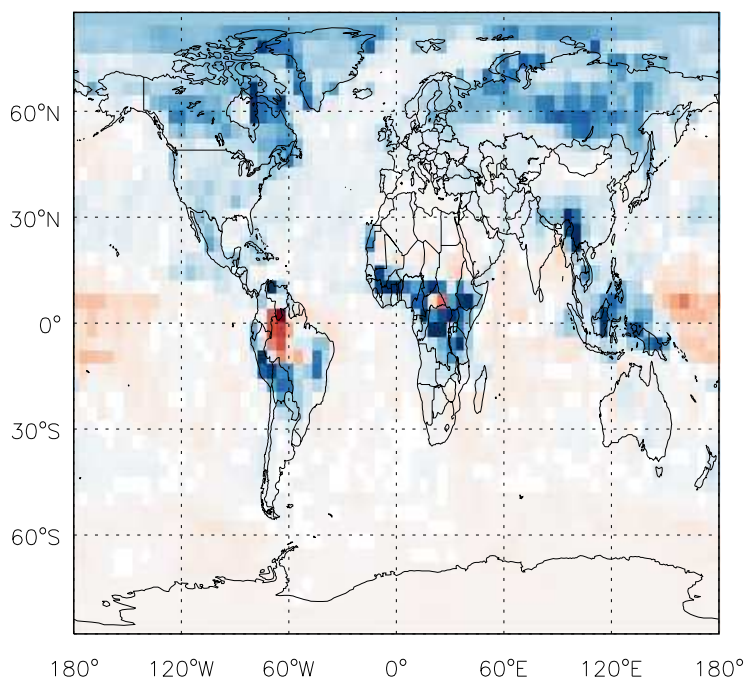
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HOBr / Ratio @ Surface for Jul



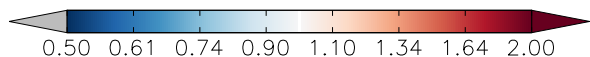
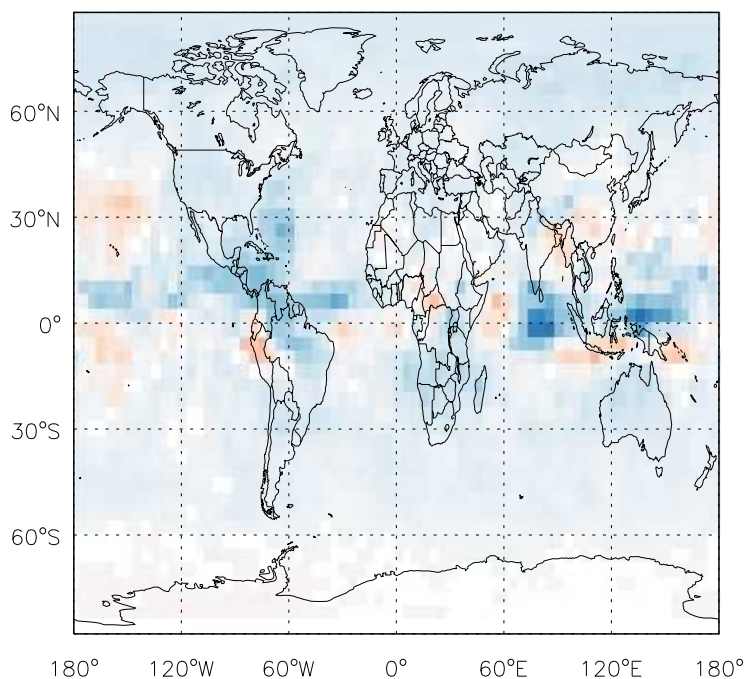
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HOBr/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HOBr / Ratio @ Surface for Jul

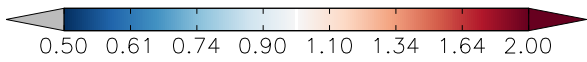
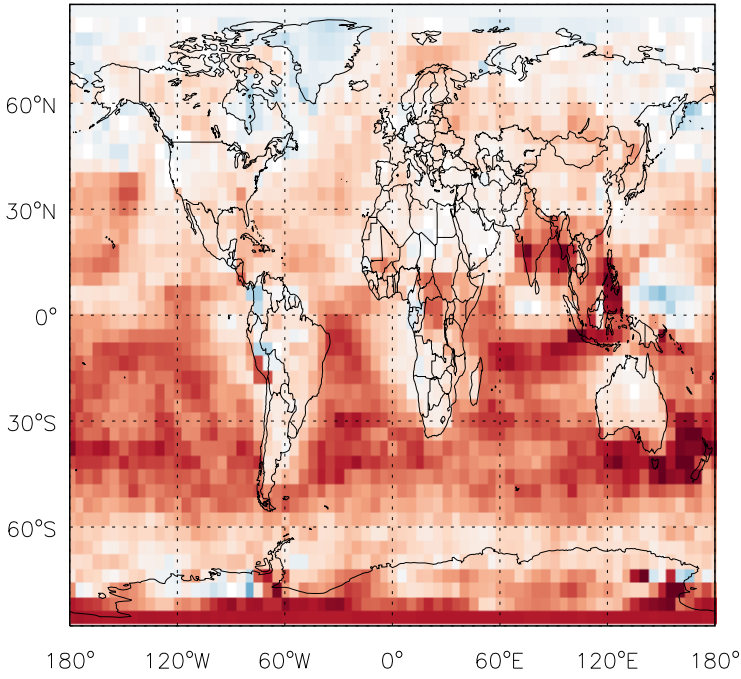


v11-01f-merra2-Run0 / v11-01d-Run1  
HOBr/ Ratio @ 500 hPa for Jul

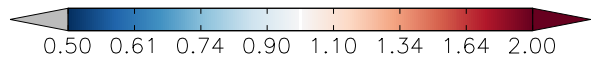
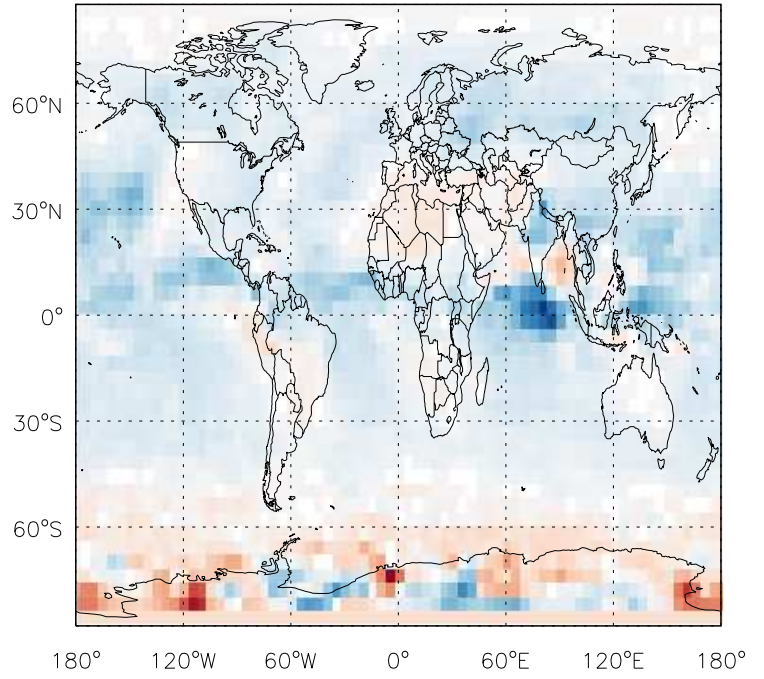


GEOS-Chem Ratio Maps at surface and 500 hPa

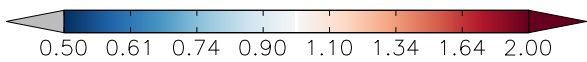
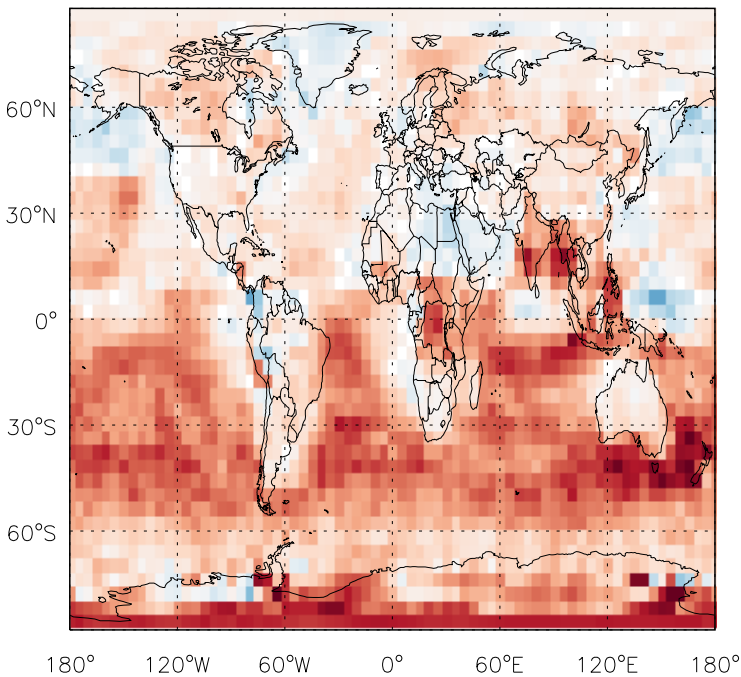
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HBr / Ratio @ Surface for Jul



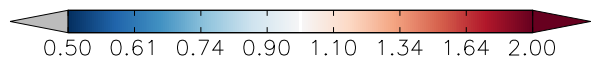
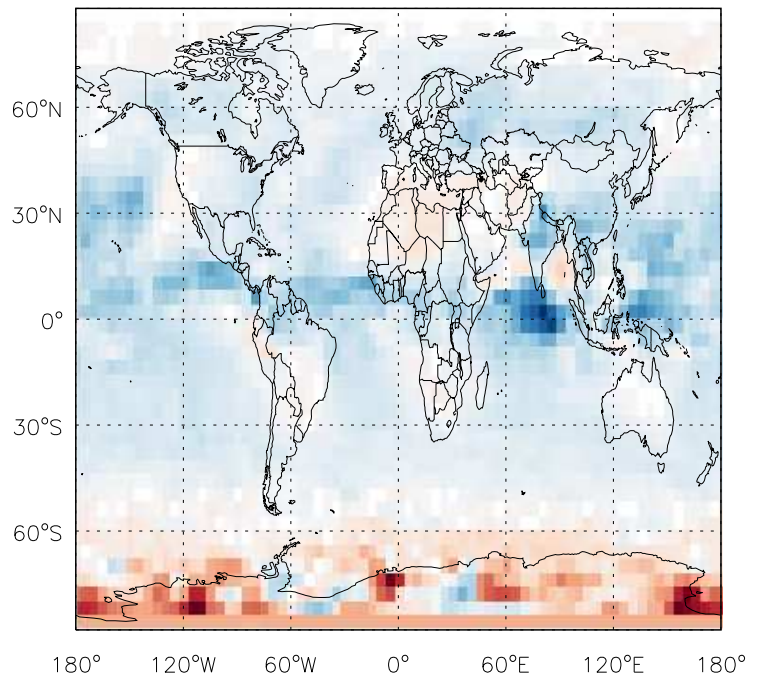
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HBr / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HBr / Ratio @ Surface for Jul



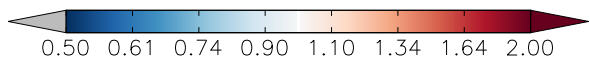
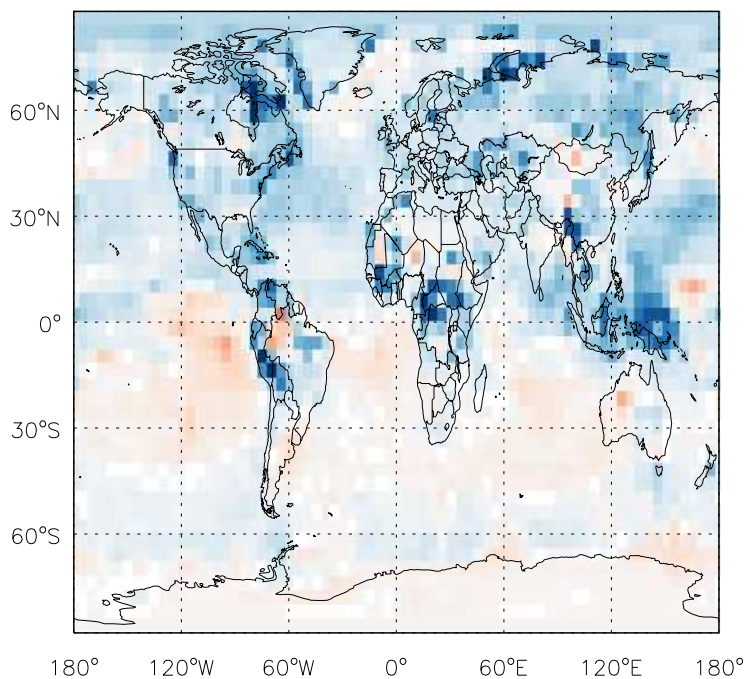
v11-01f-merra2-Run0 / v11-01d-Run1  
HBr / Ratio @ 500 hPa for Jul



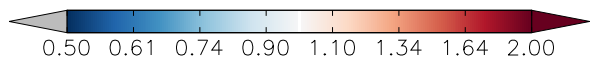
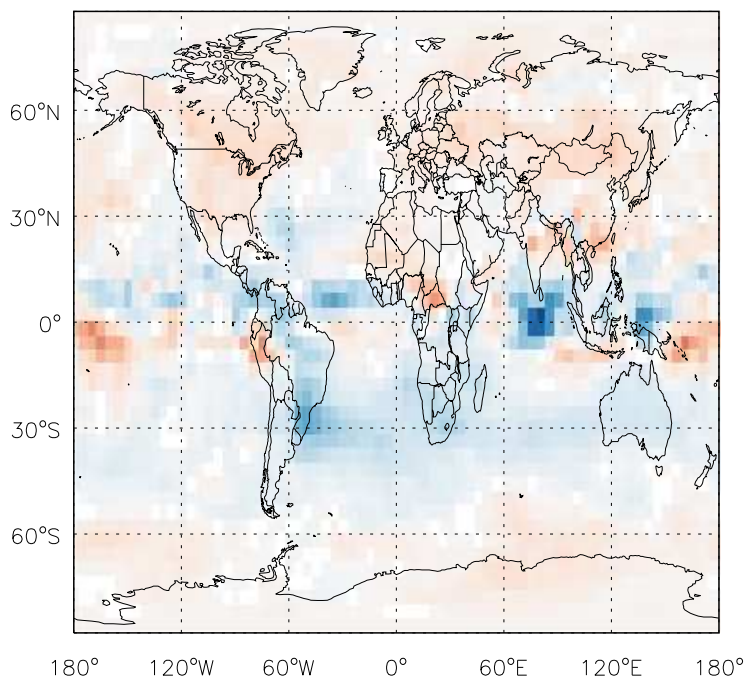


# GEOS-Chem Ratio Maps at surface and 500 hPa

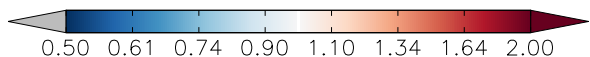
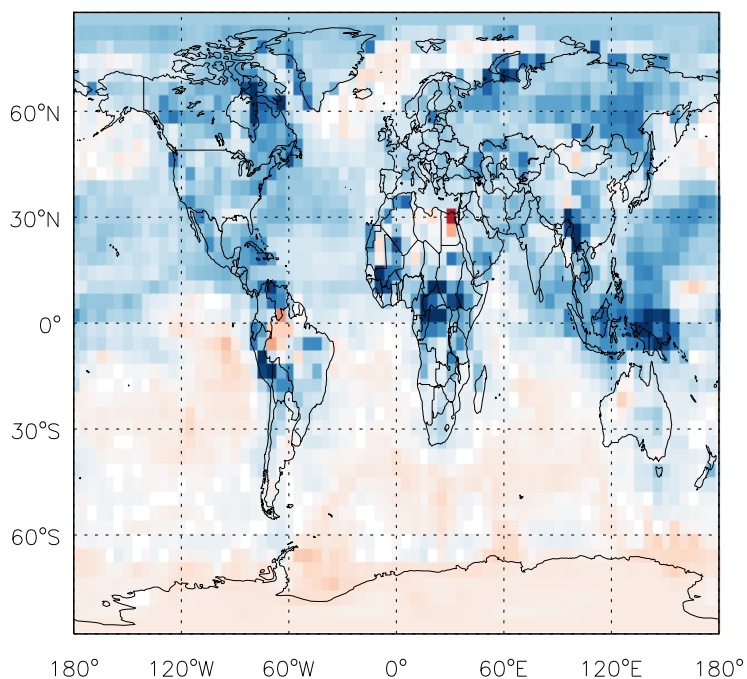
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BrNO2 / Ratio @ Surface for Jul



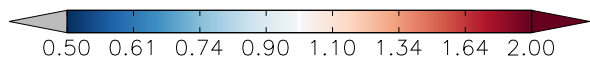
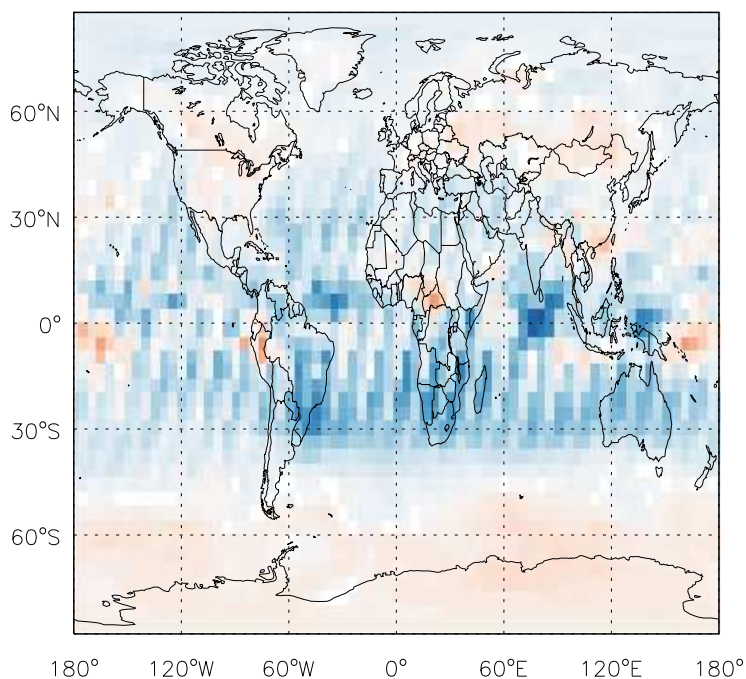
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BrNO2 / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
BrNO2 / Ratio @ Surface for Jul

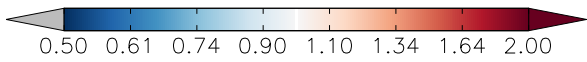
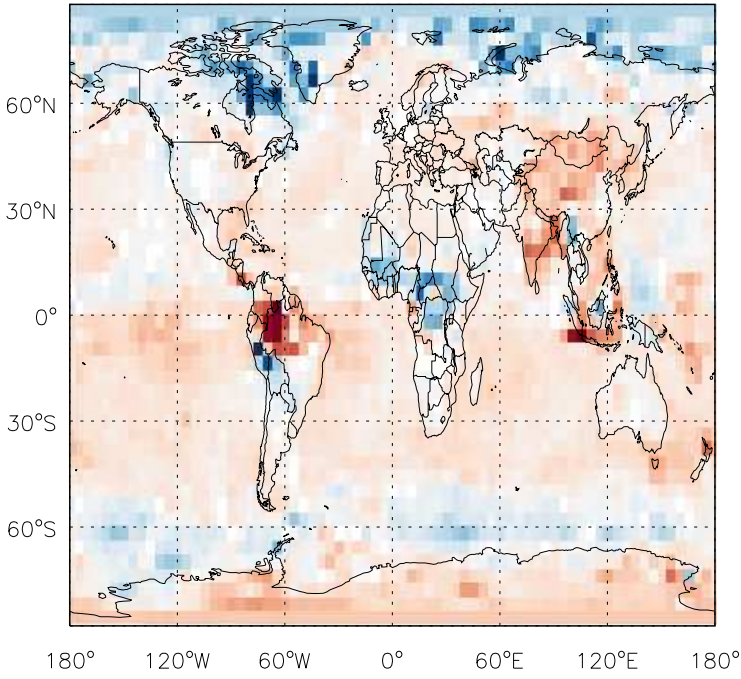


v11-01f-merra2-Run0 / v11-01d-Run1  
BrNO2 / Ratio @ 500 hPa for Jul

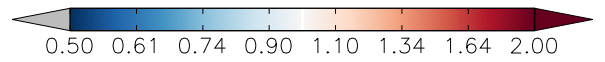
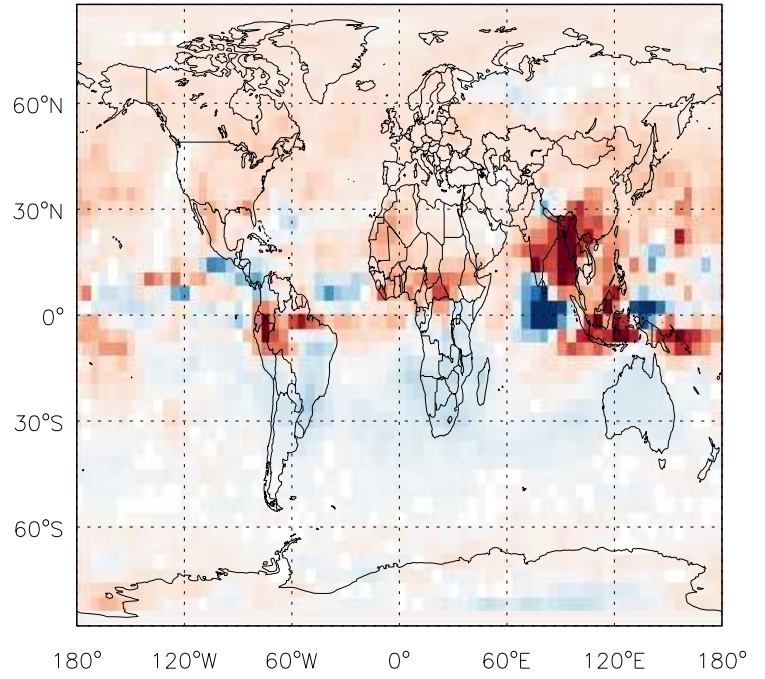


GEOS-Chem Ratio Maps at surface and 500 hPa

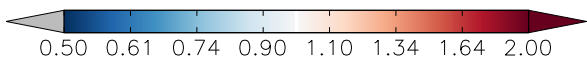
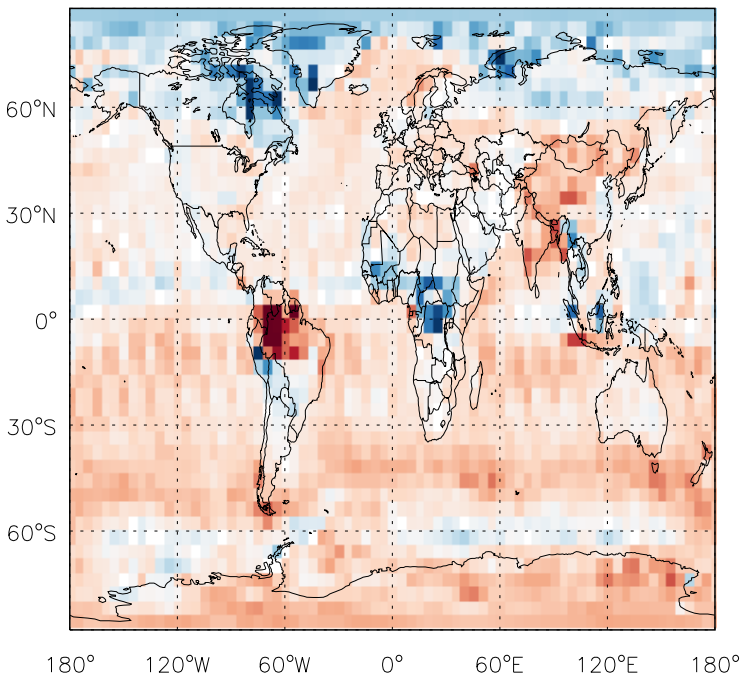
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BrNO3 / Ratio @ Surface for Jul



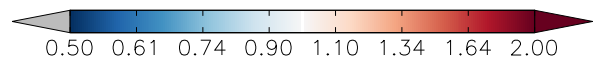
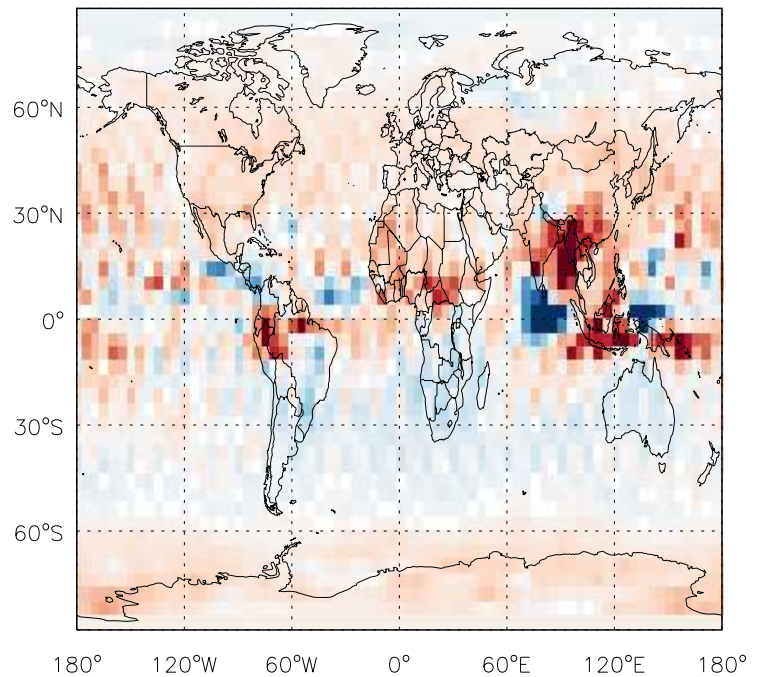
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
BrNO3 / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
BrNO3 / Ratio @ Surface for Jul

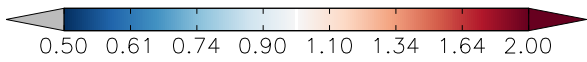
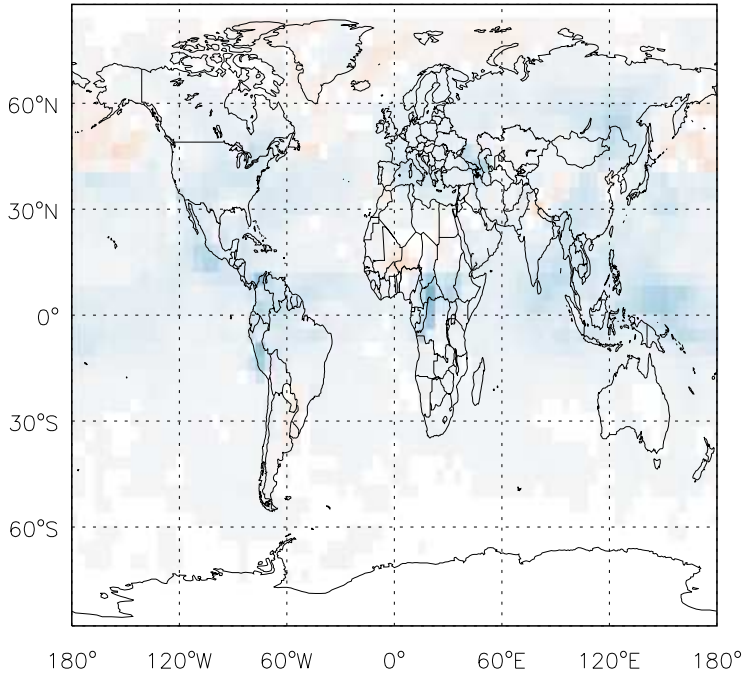


v11-01f-merra2-Run0 / v11-01d-Run1  
BrNO3 / Ratio @ 500 hPa for Jul

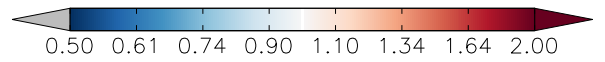
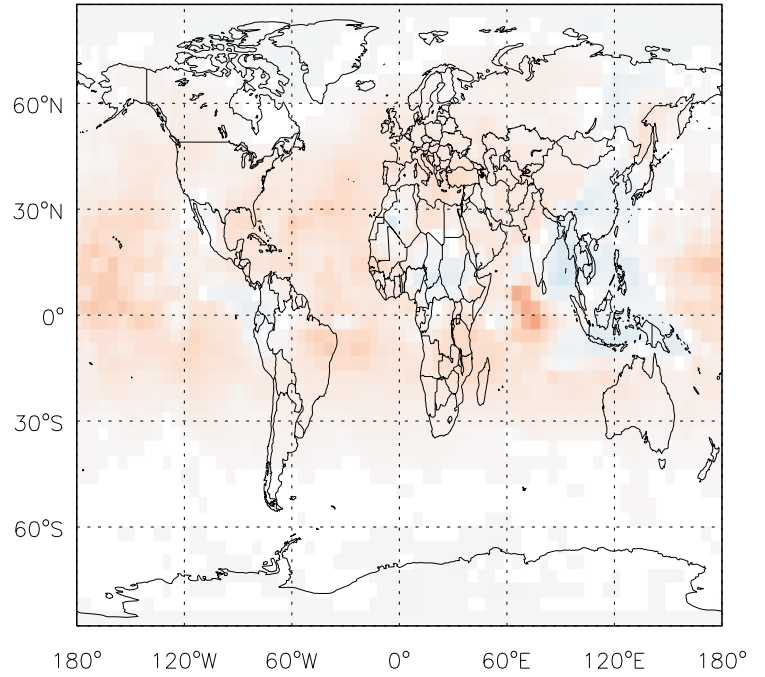


GEOS-Chem Ratio Maps at surface and 500 hPa

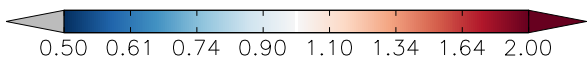
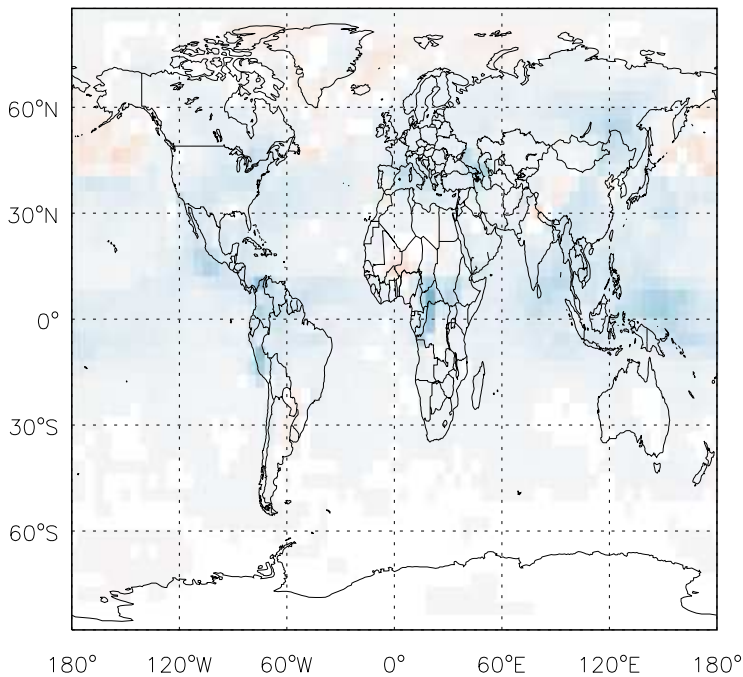
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CHBr3 / Ratio @ Surface for Jul



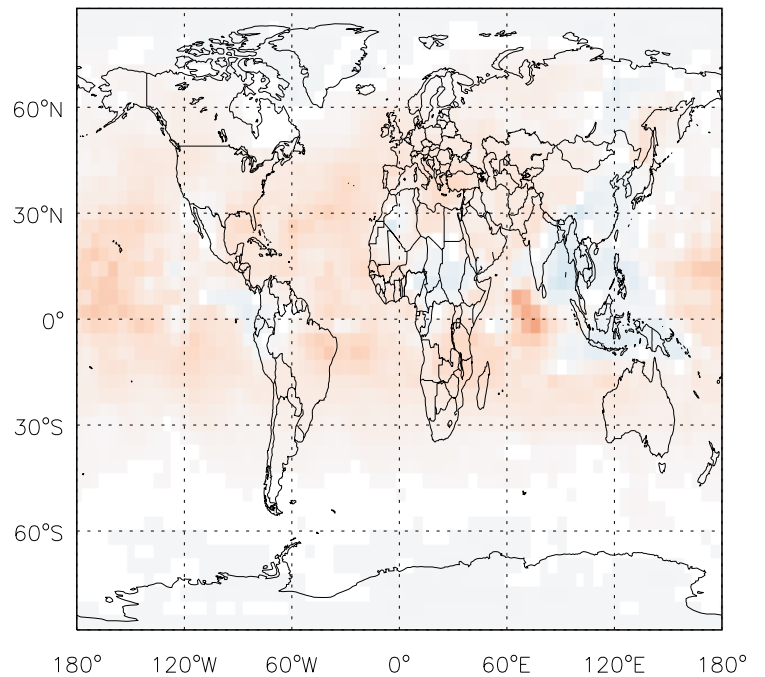
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CHBr3/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CHBr3 / Ratio @ Surface for Jul

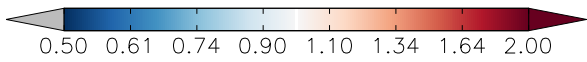
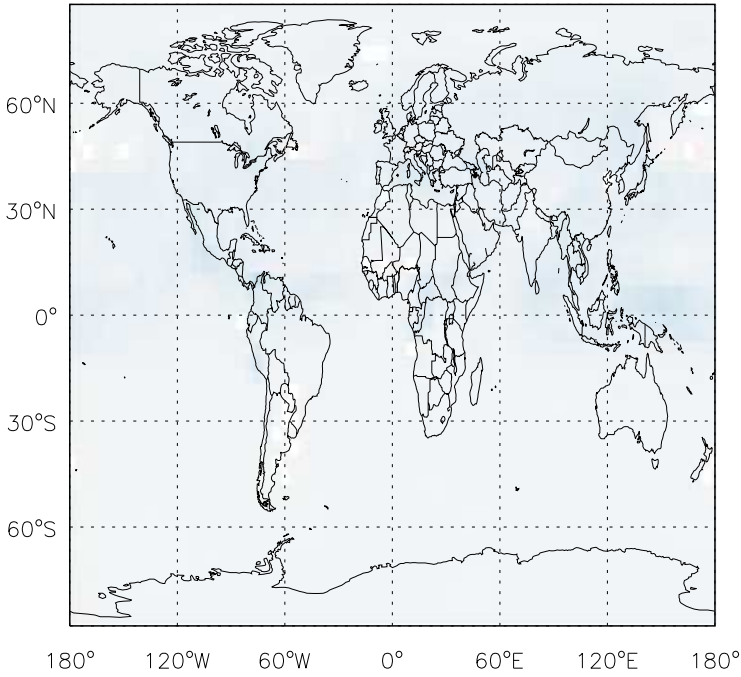


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CHBr3/ Ratio @ 500 hPa for Jul

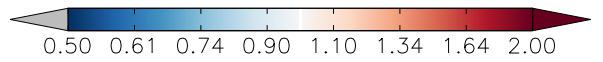
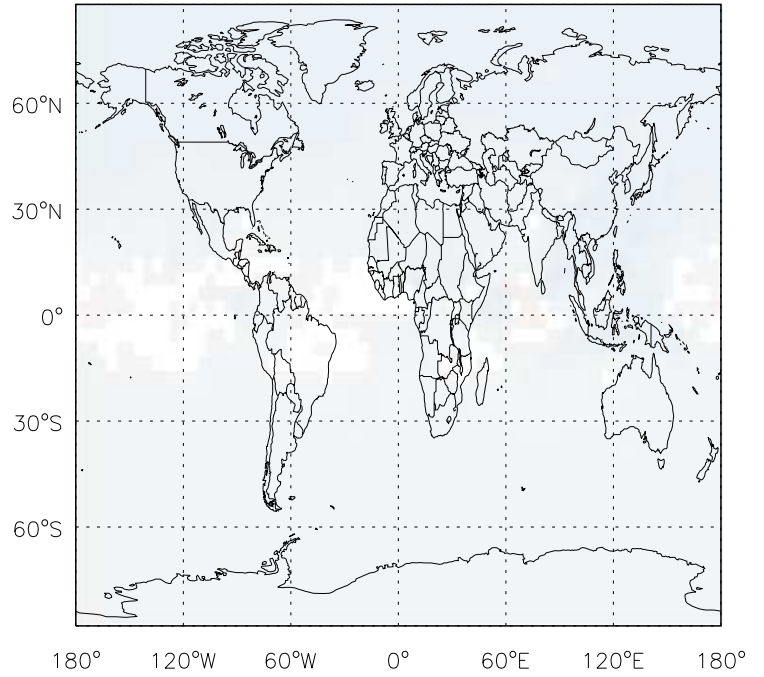


GEOS-Chem Ratio Maps at surface and 500 hPa

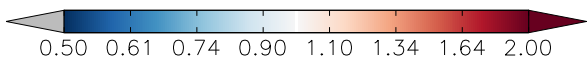
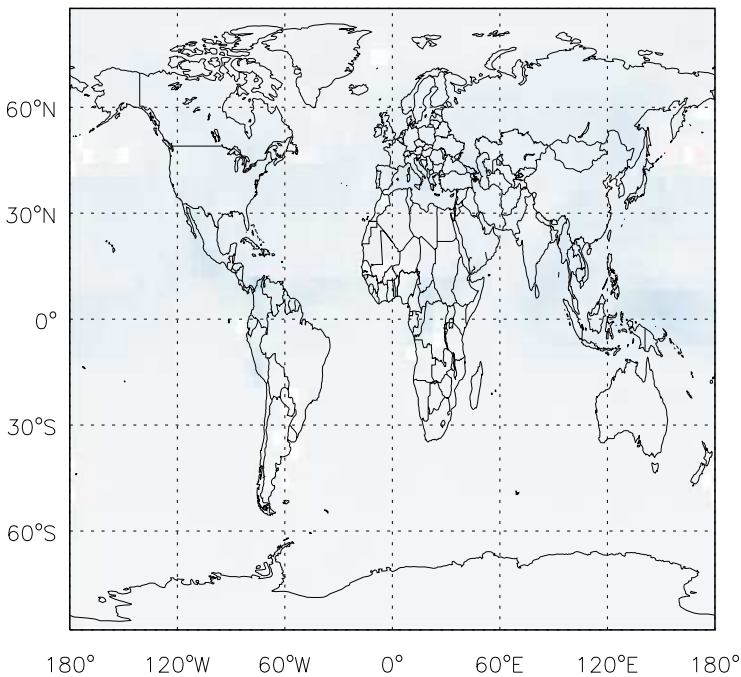
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CH2Br2 / Ratio @ Surface for Jul



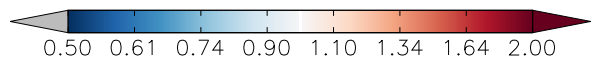
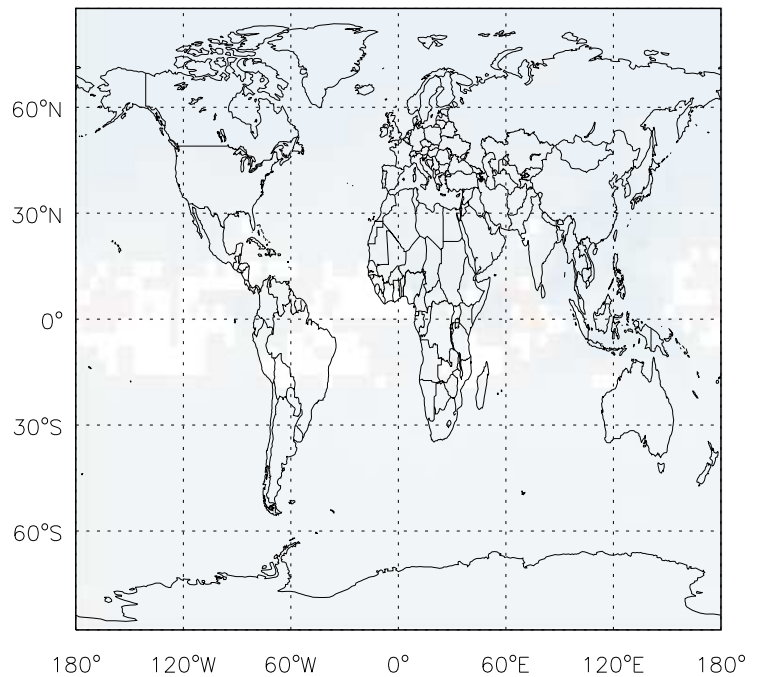
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CH2Br2/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CH2Br2 / Ratio @ Surface for Jul

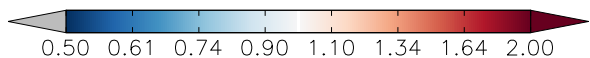
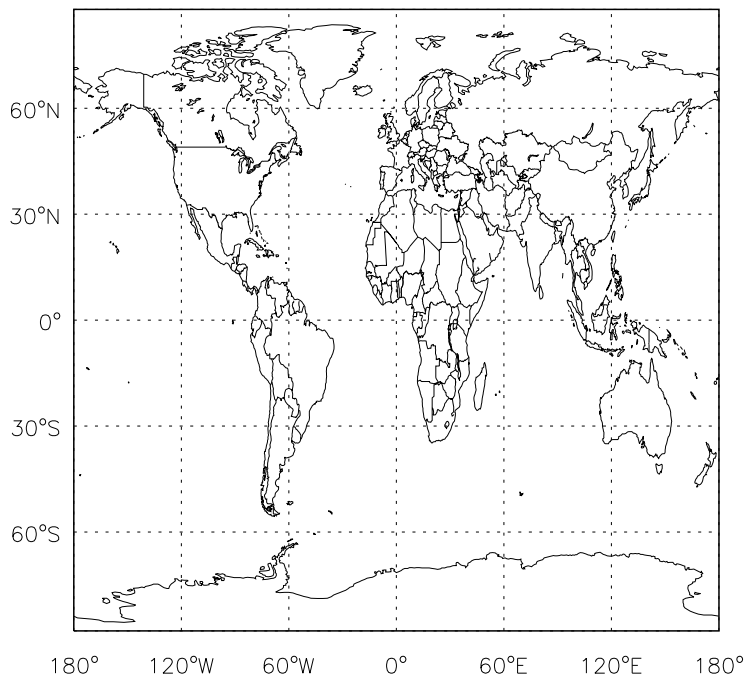


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CH2Br2/ Ratio @ 500 hPa for Jul

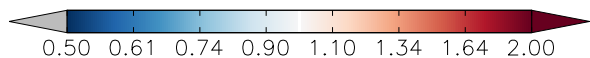
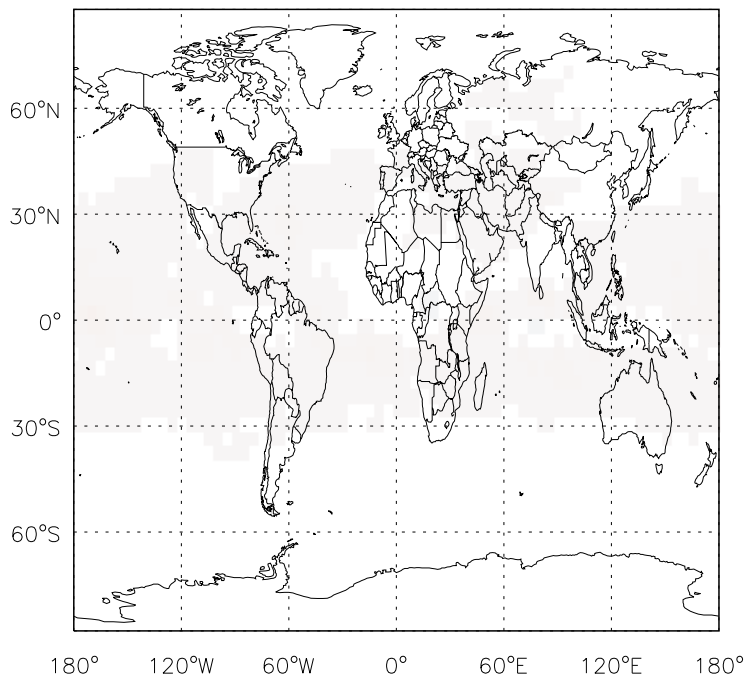


GEOS-Chem Ratio Maps at surface and 500 hPa

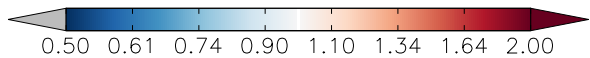
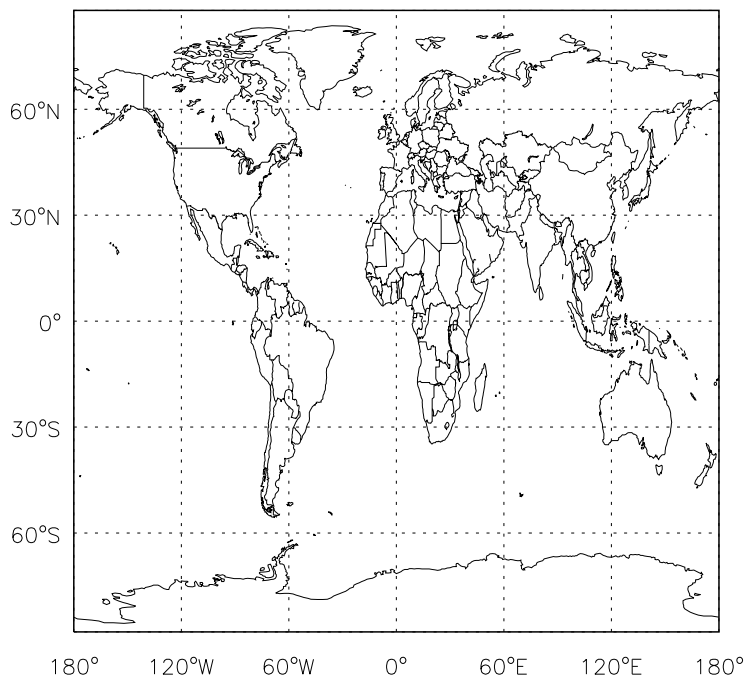
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CH3Br / Ratio @ Surface for Jul



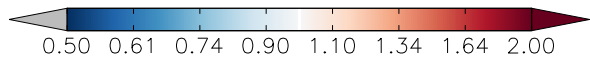
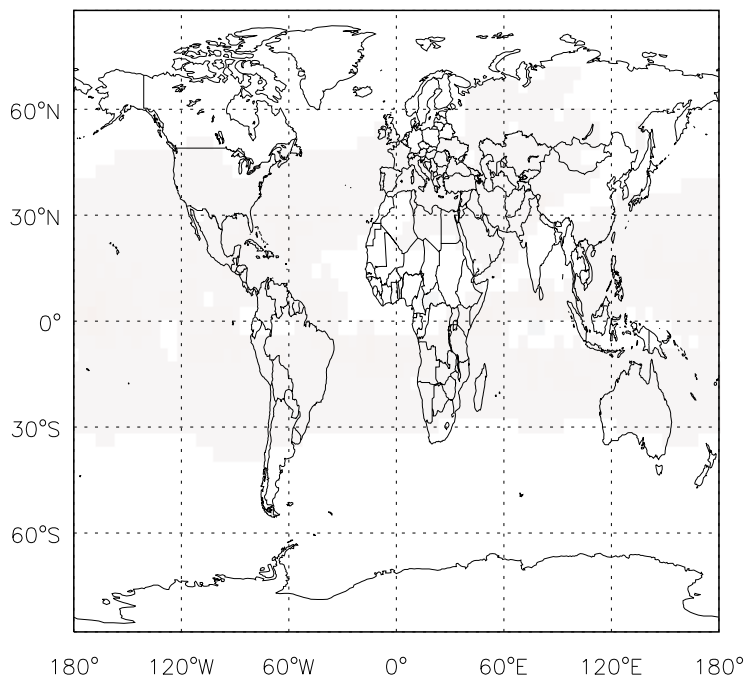
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH3Br/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CH3Br / Ratio @ Surface for Jul

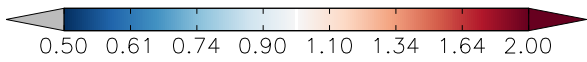
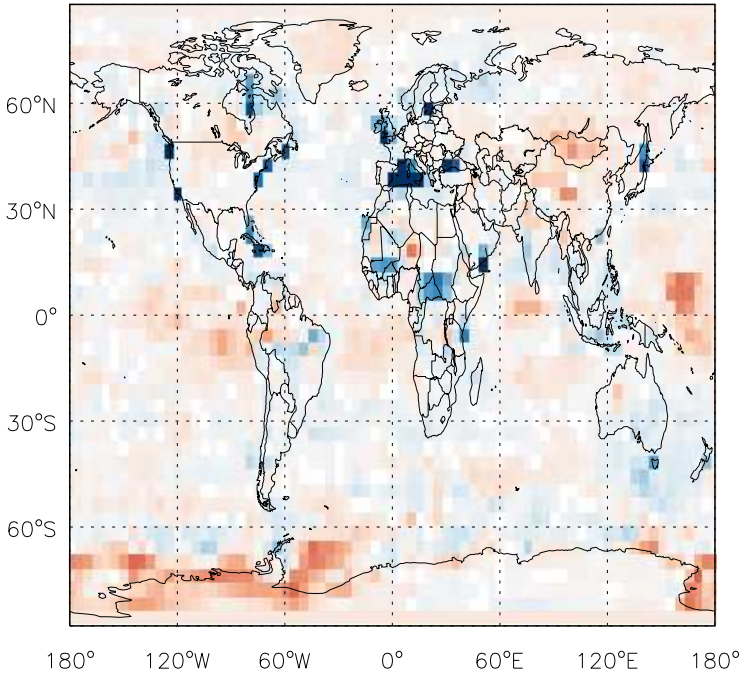


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CH3Br/ Ratio @ 500 hPa for Jul

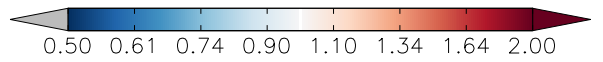
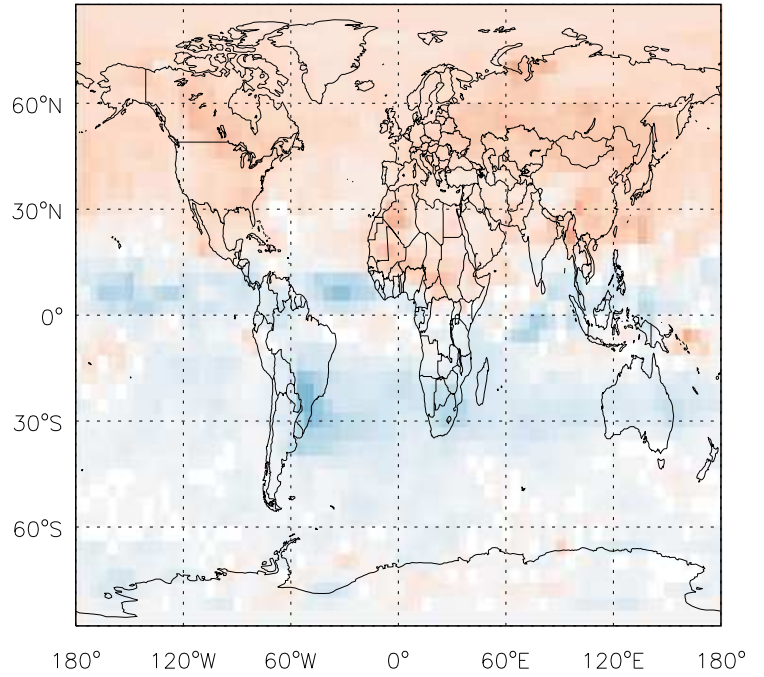


GEOS-Chem Ratio Maps at surface and 500 hPa

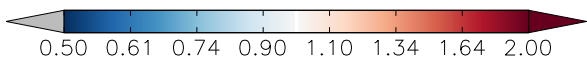
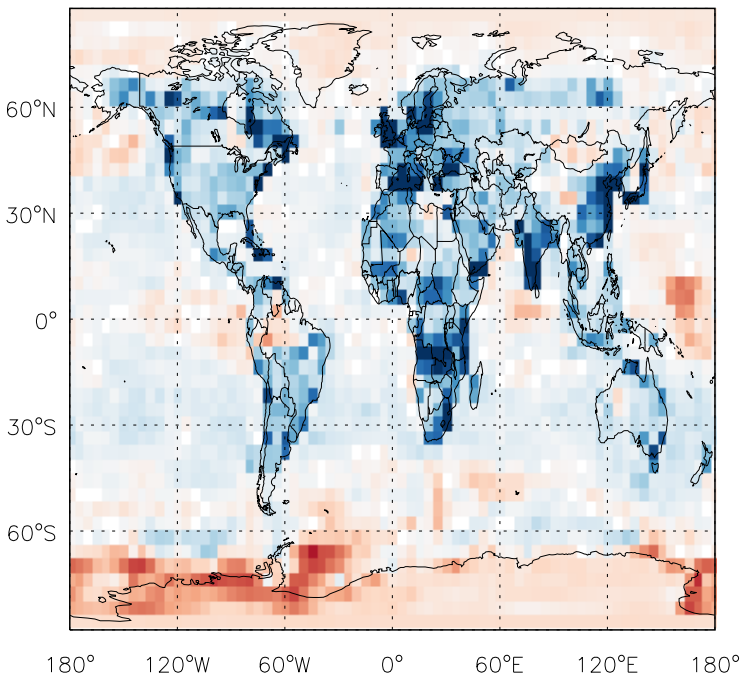
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MPN / Ratio @ Surface for Jul



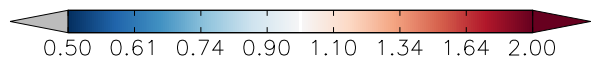
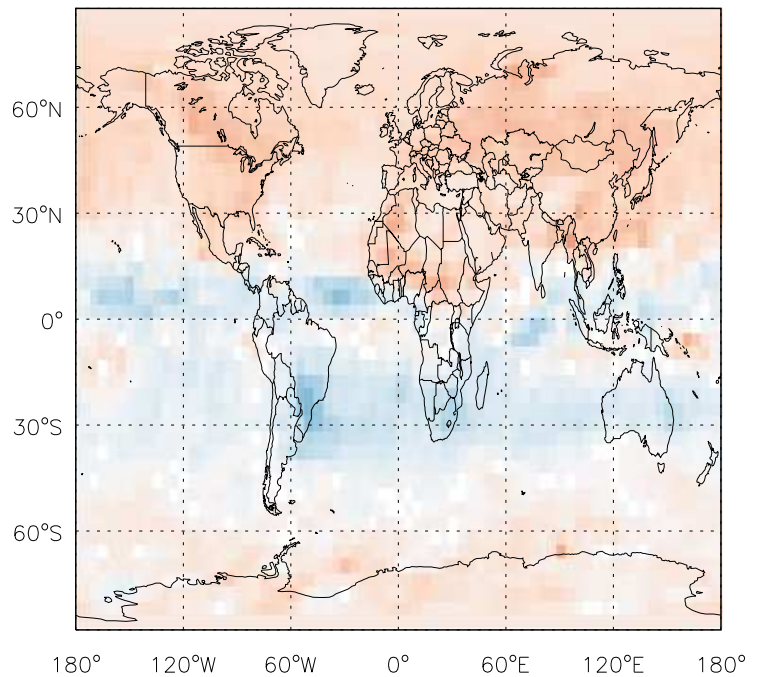
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MPN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
MPN / Ratio @ Surface for Jul

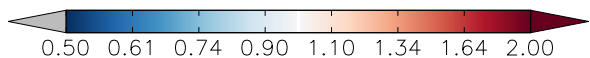
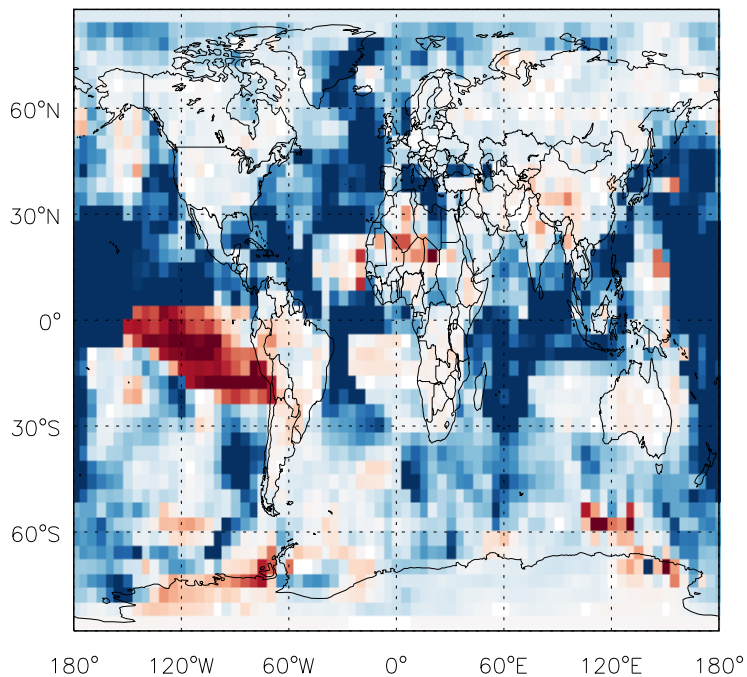


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MPN/ Ratio @ 500 hPa for Jul

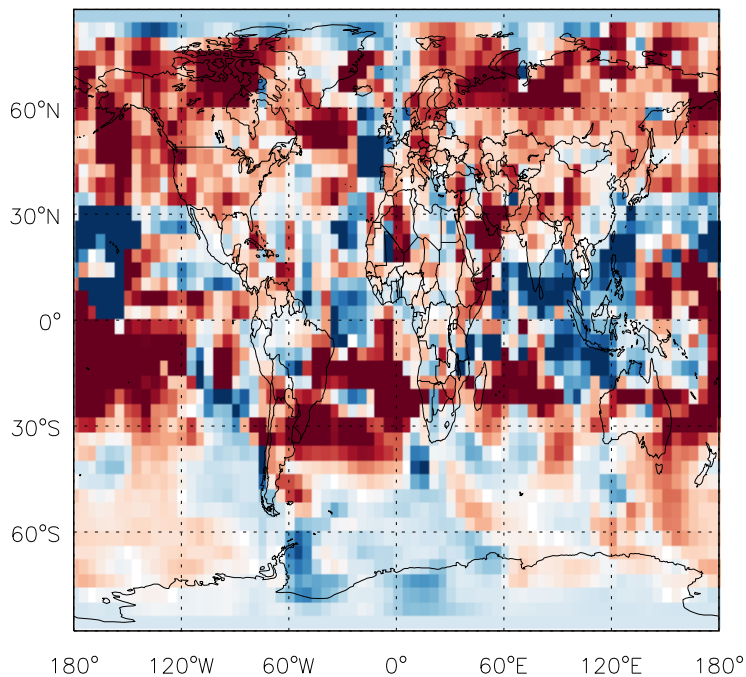


# GEOS-Chem Ratio Maps at surface and 500 hPa

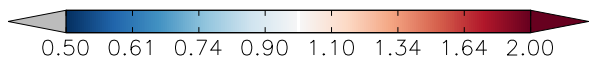
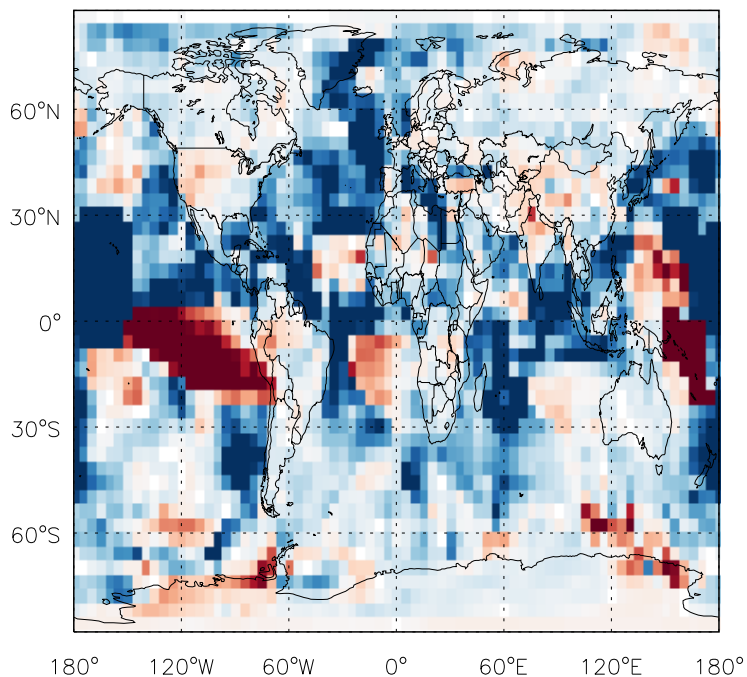
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ISOPN / Ratio @ Surface for Jul



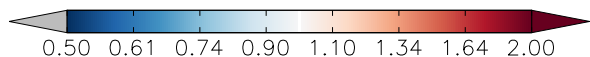
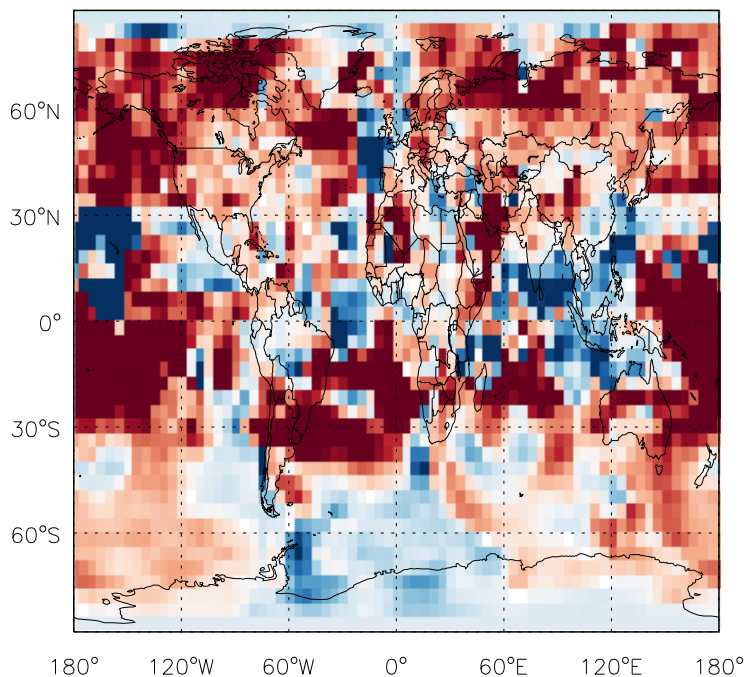
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ISOPN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ISOPN / Ratio @ Surface for Jul

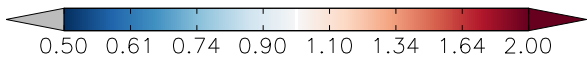
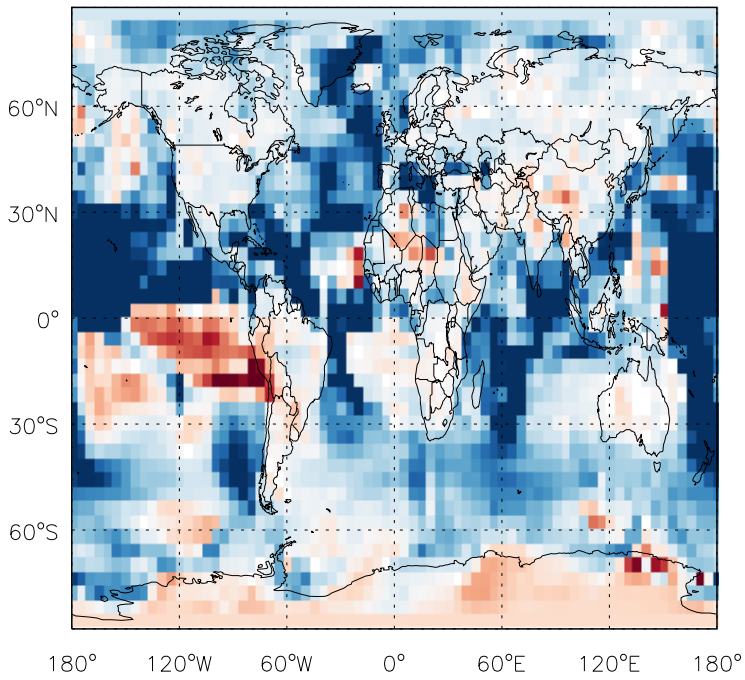


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ISOPN/ Ratio @ 500 hPa for Jul

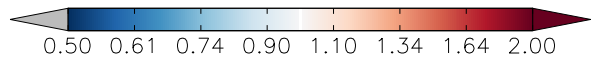
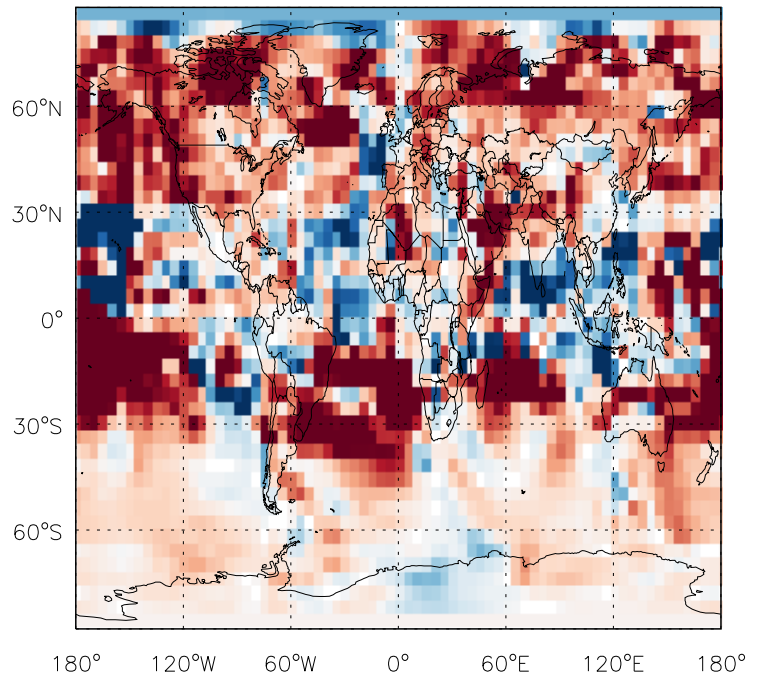


# GEOS-Chem Ratio Maps at surface and 500 hPa

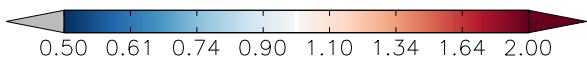
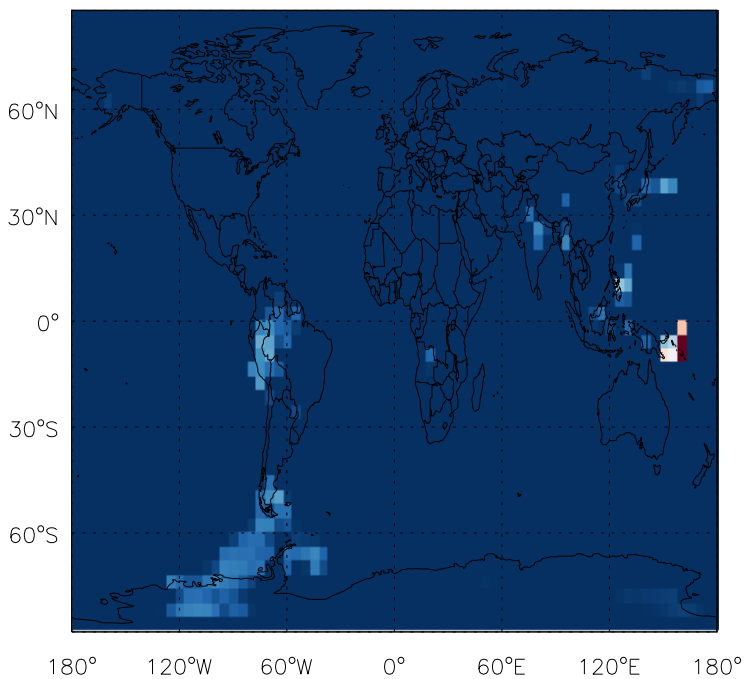
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MOBA / Ratio @ Surface for Jul



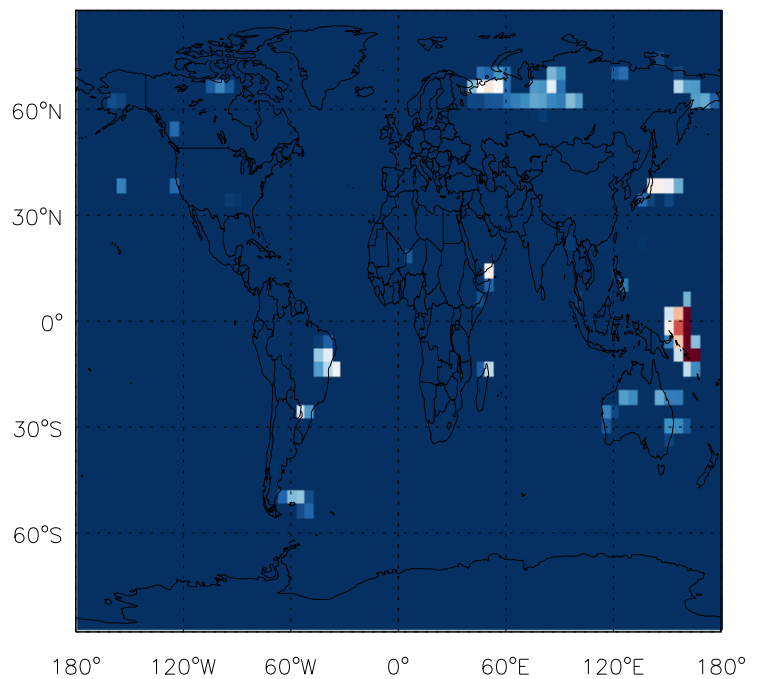
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MOBA/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
MOBA / Ratio @ Surface for Jul



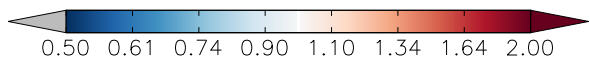
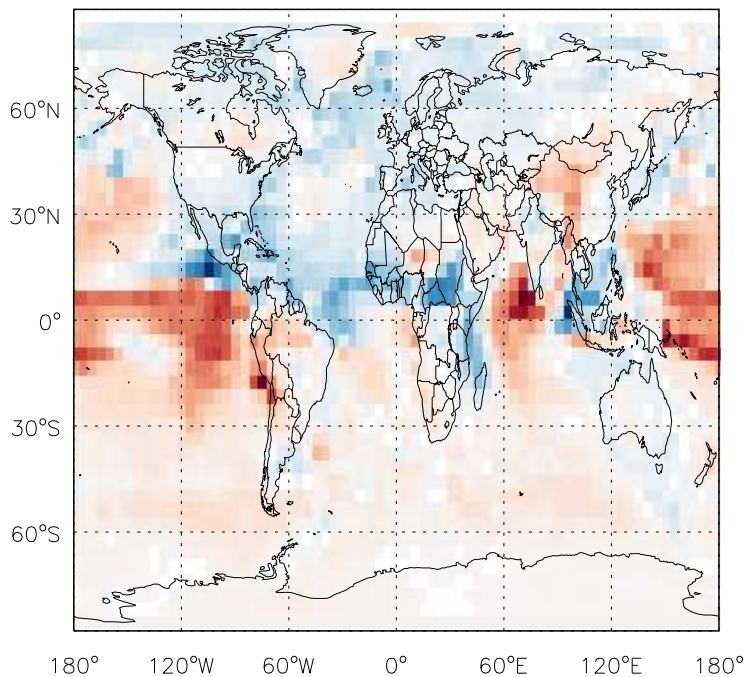
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MOBA/ Ratio @ 500 hPa for Jul



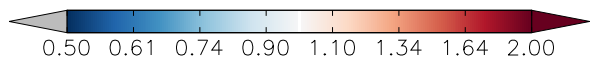
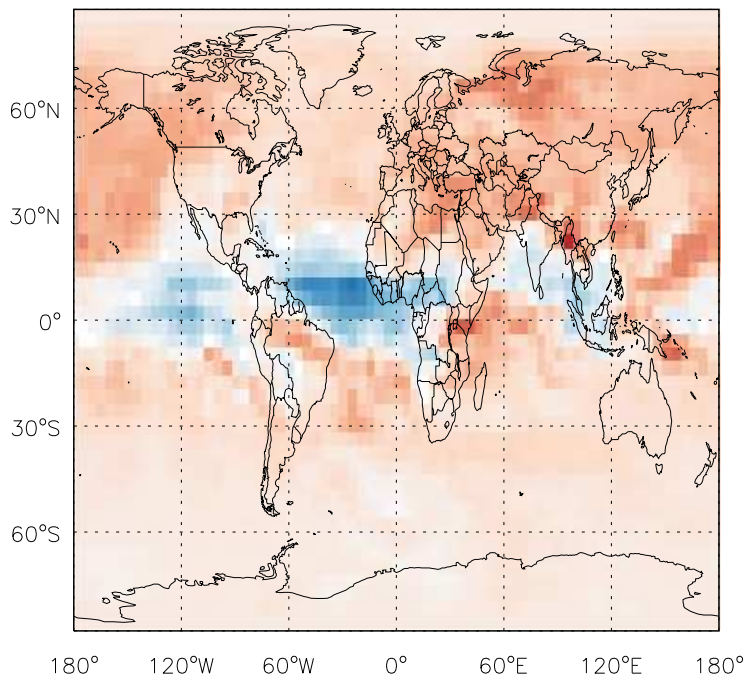


# GEOS-Chem Ratio Maps at surface and 500 hPa

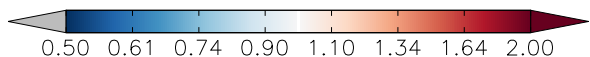
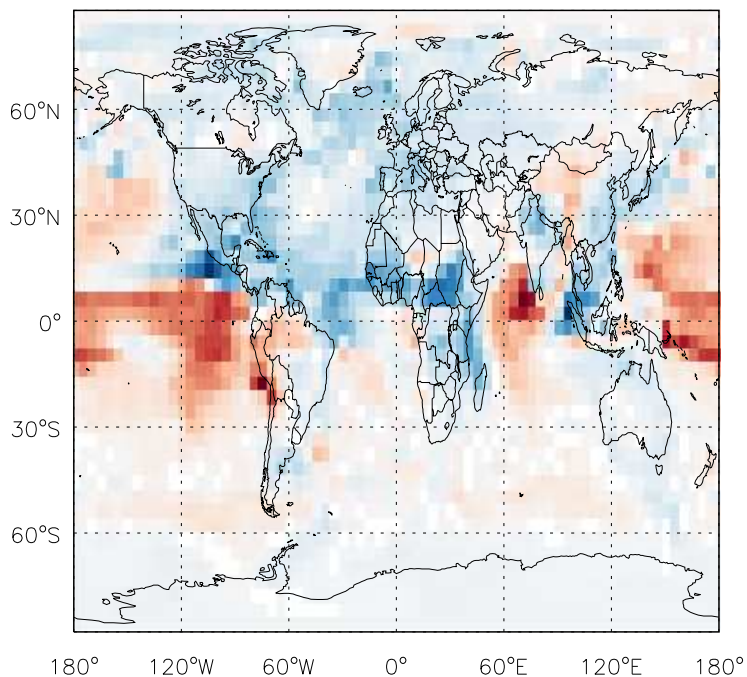
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PROPNN / Ratio @ Surface for Jul



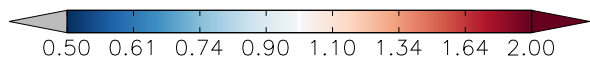
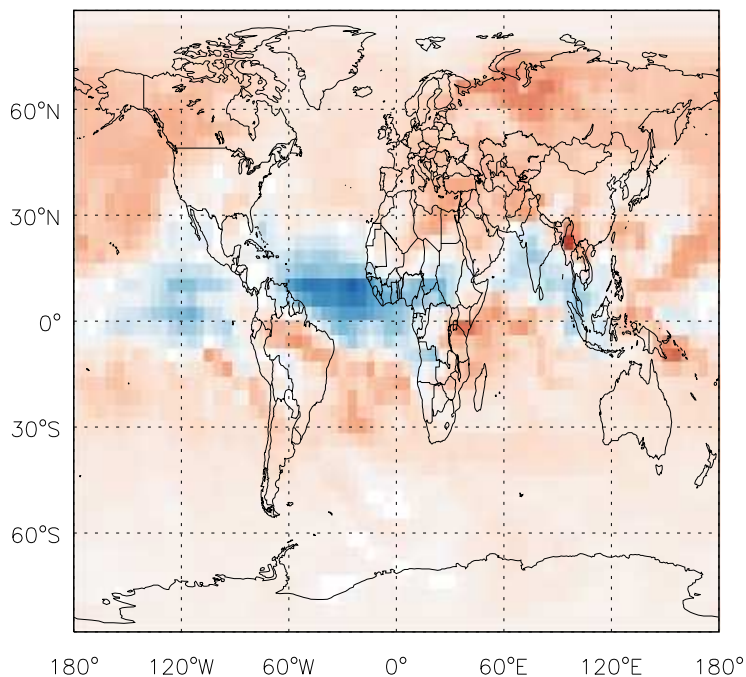
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
PROPNN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
PROPNN / Ratio @ Surface for Jul

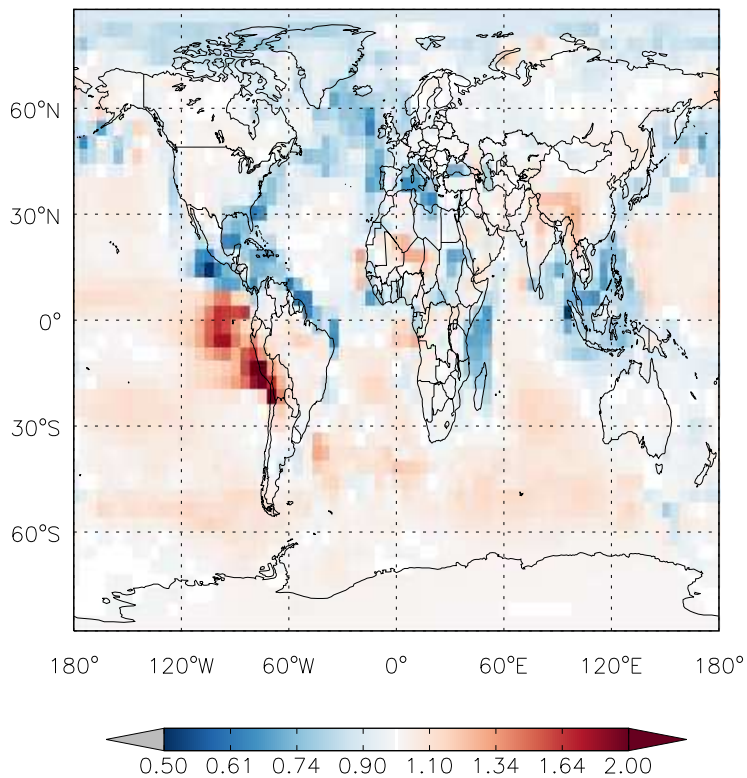


v11-01f-merra2-Run0 / v11-01d-Run1  
PROPNN/ Ratio @ 500 hPa for Jul

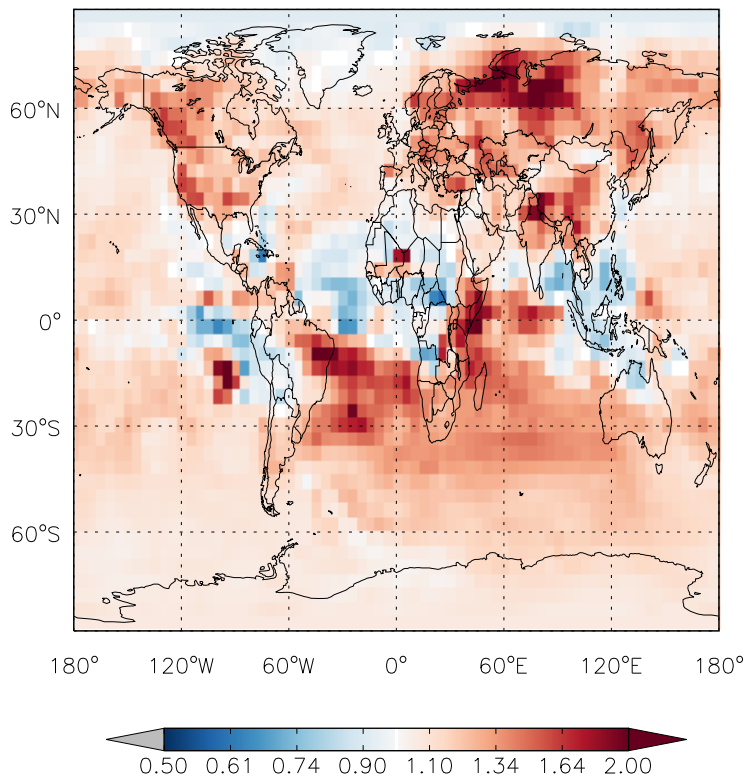


GEOS-Chem Ratio Maps at surface and 500 hPa

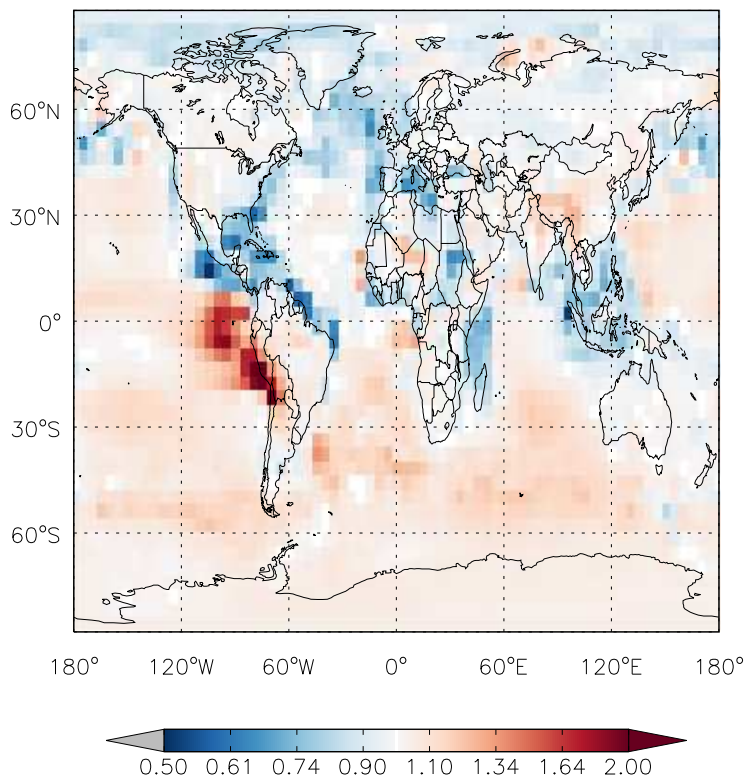
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HAC / Ratio @ Surface for Jul



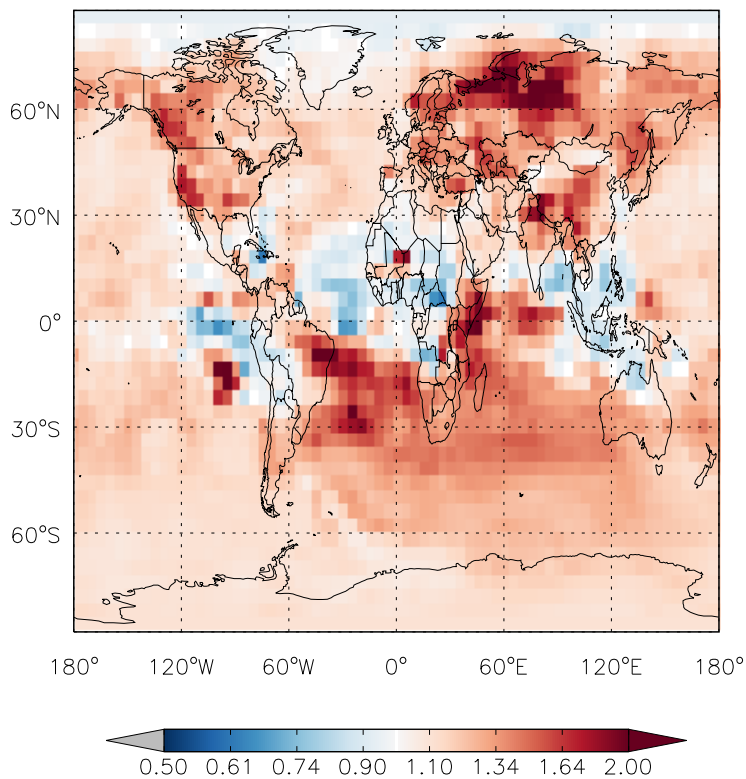
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HAC/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HAC / Ratio @ Surface for Jul

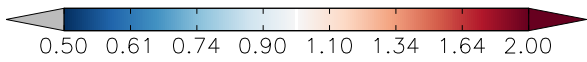
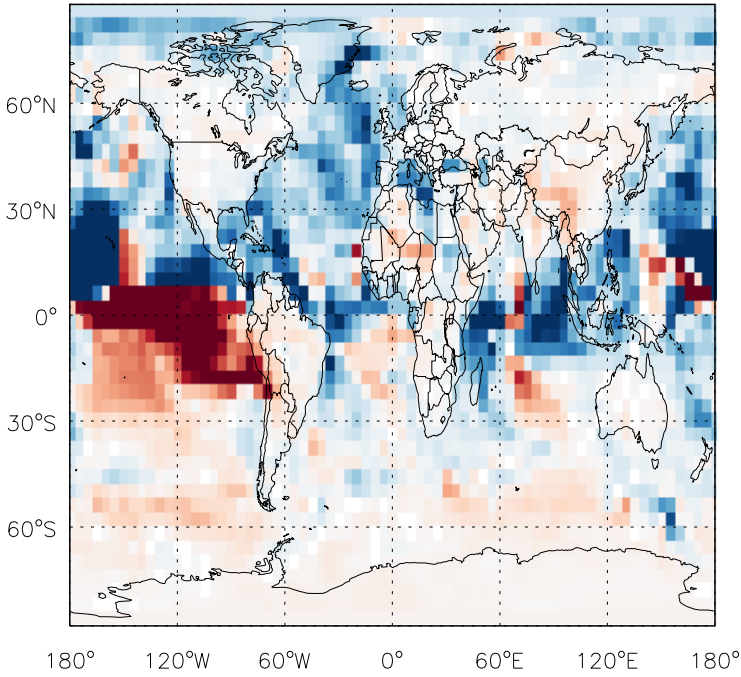


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HAC/ Ratio @ 500 hPa for Jul

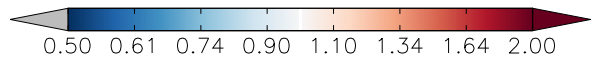
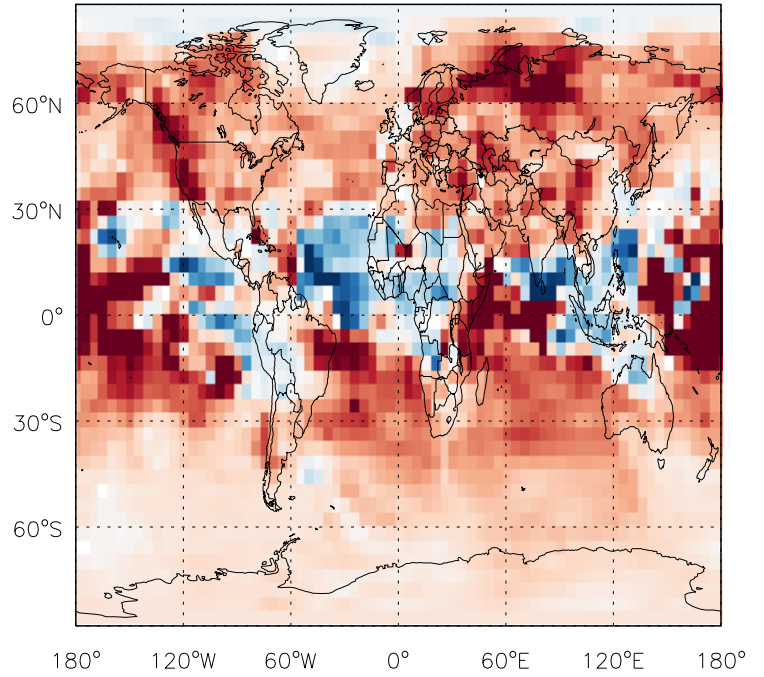


GEOS-Chem Ratio Maps at surface and 500 hPa

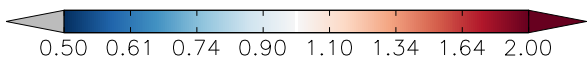
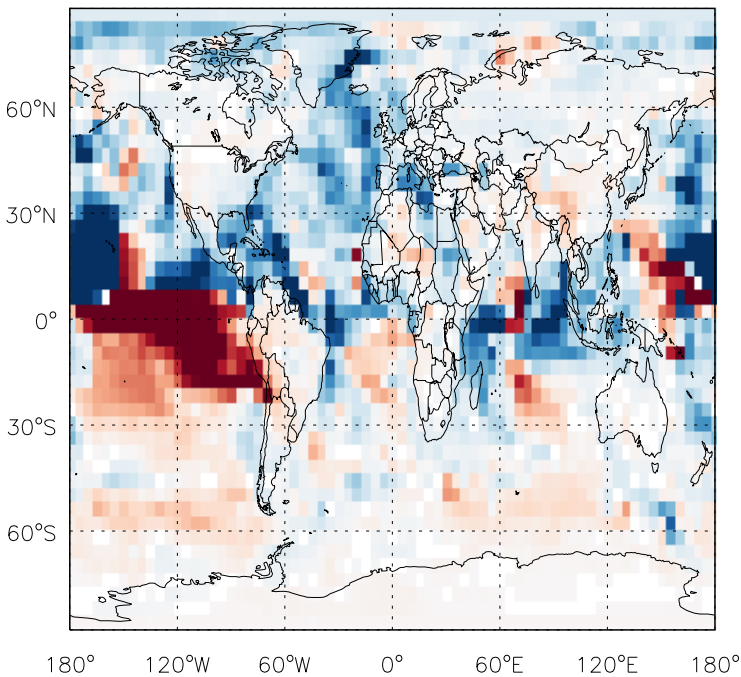
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
GLYC / Ratio @ Surface for Jul



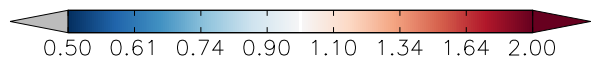
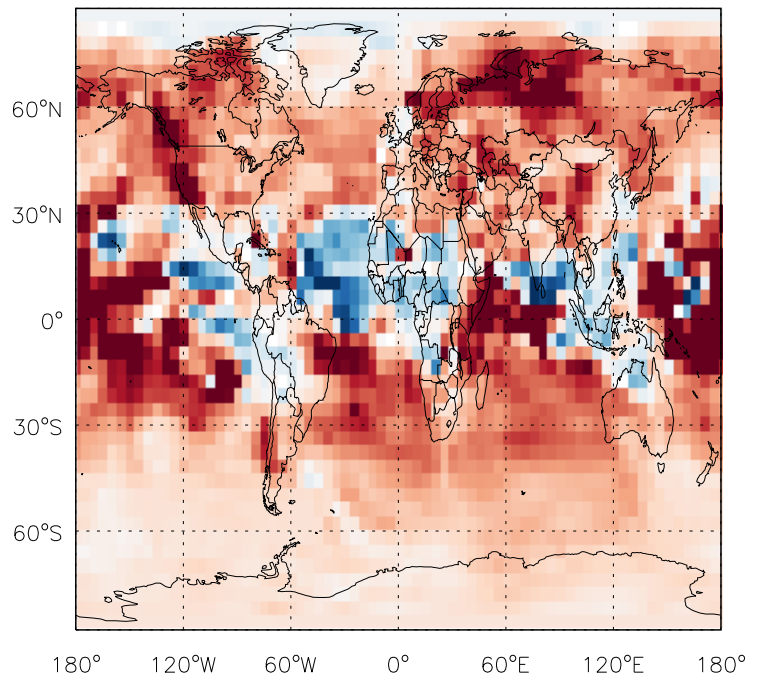
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
GLYC/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
GLYC / Ratio @ Surface for Jul

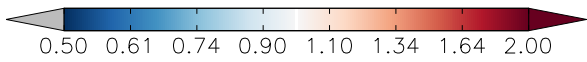
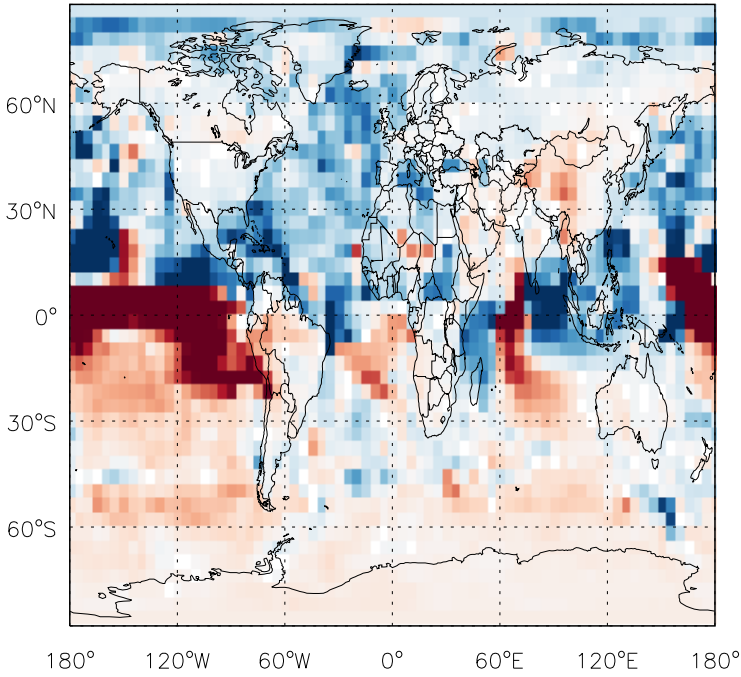


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GLYC/ Ratio @ 500 hPa for Jul

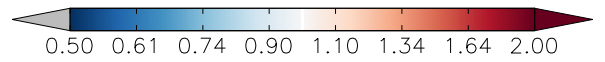
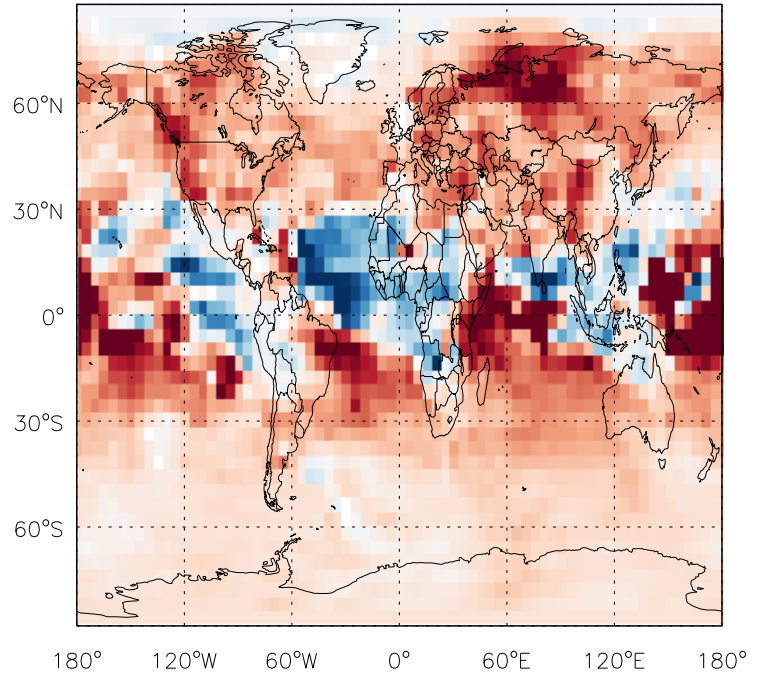


GEOS-Chem Ratio Maps at surface and 500 hPa

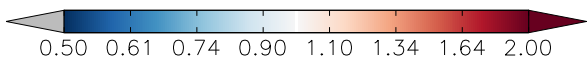
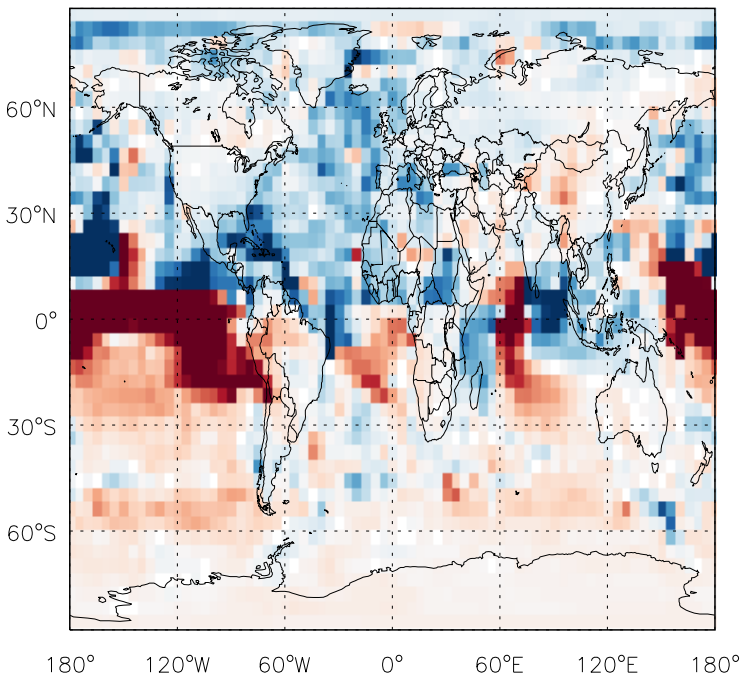
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MMN / Ratio @ Surface for Jul



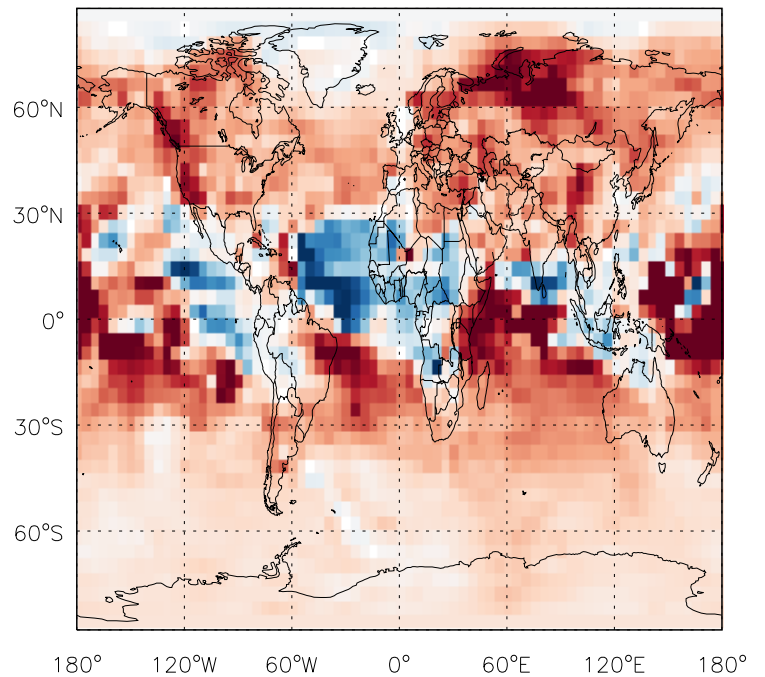
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MMN/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
MMN / Ratio @ Surface for Jul

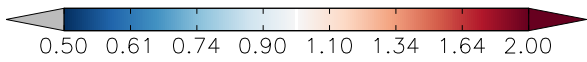
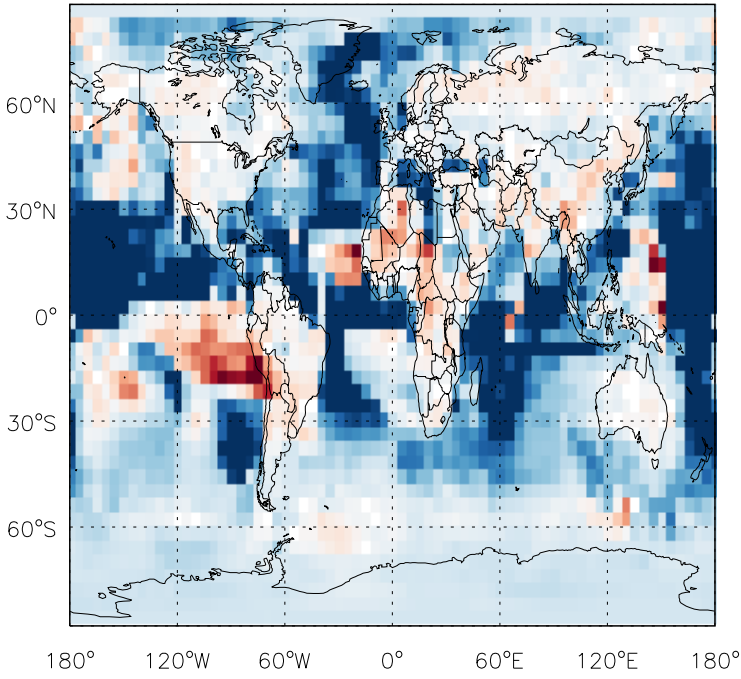


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MMN/ Ratio @ 500 hPa for Jul

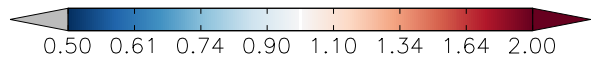
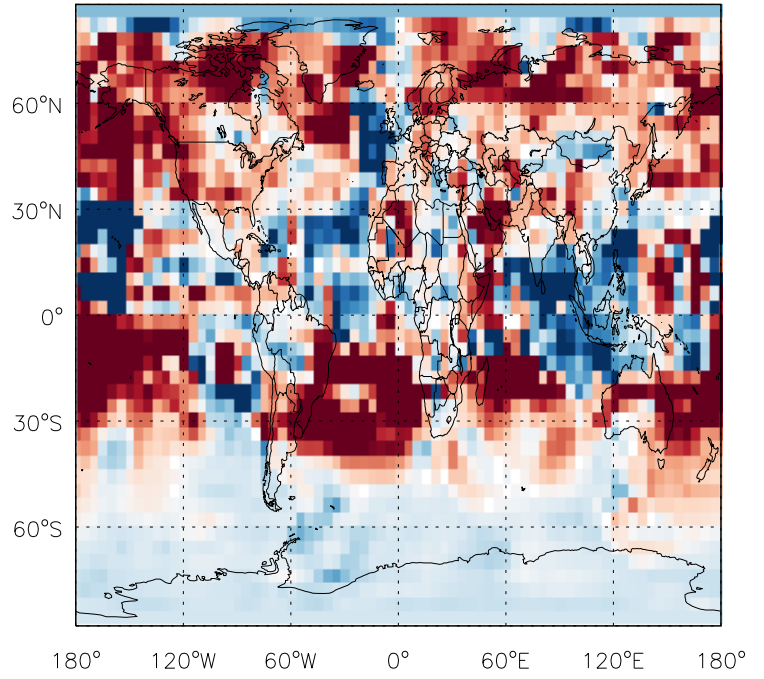


# GEOS-Chem Ratio Maps at surface and 500 hPa

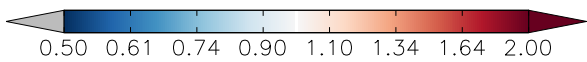
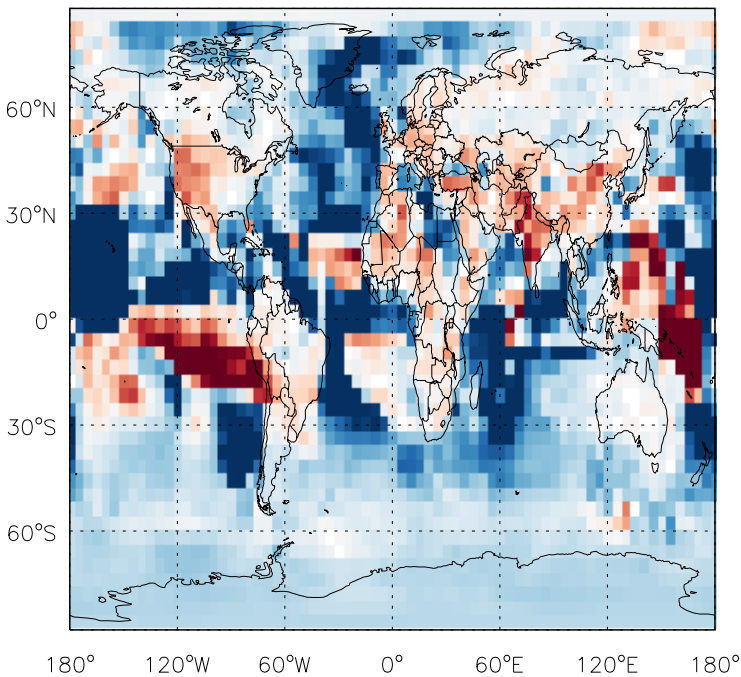
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
RIP / Ratio @ Surface for Jul



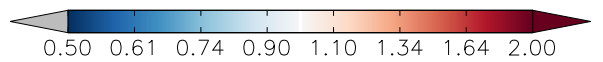
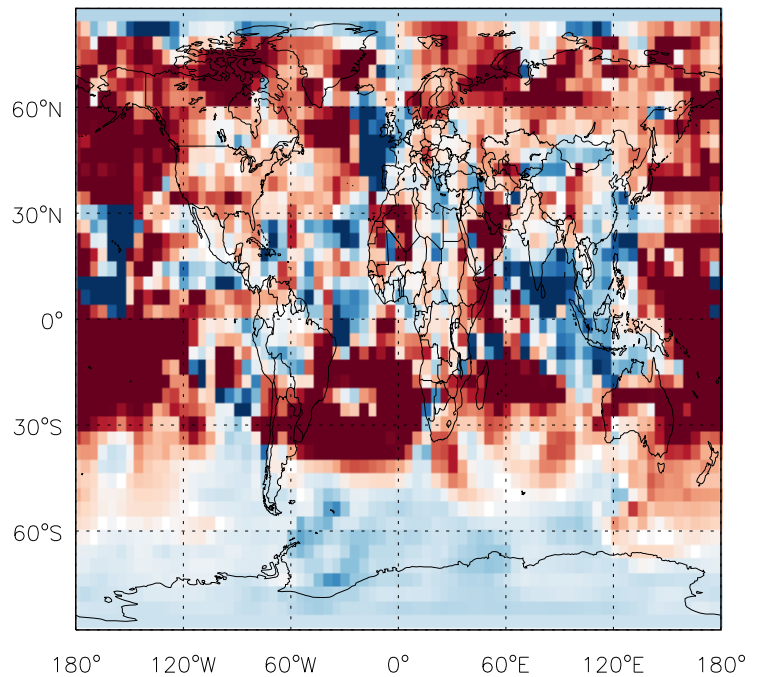
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
RIP/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
RIP / Ratio @ Surface for Jul

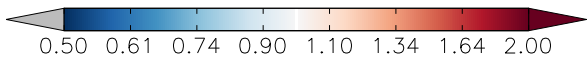
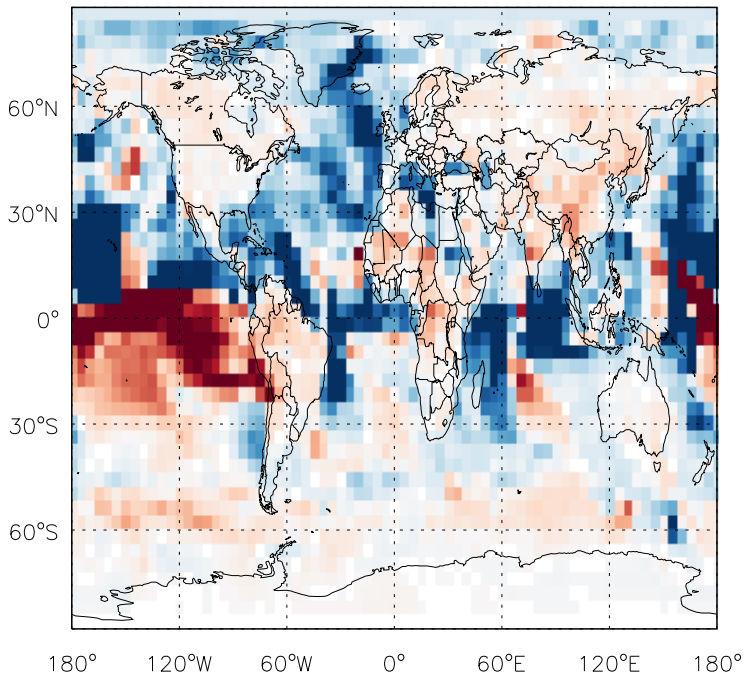


v11-01f-merra2-Run0 / v11-01d-Run1  
RIP/ Ratio @ 500 hPa for Jul

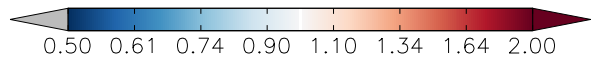
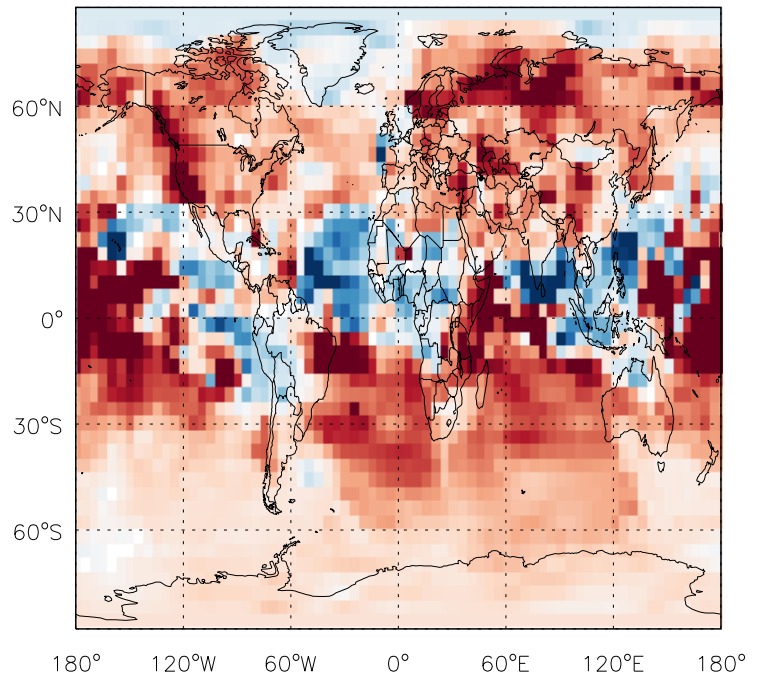


GEOS-Chem Ratio Maps at surface and 500 hPa

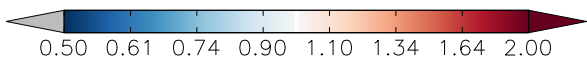
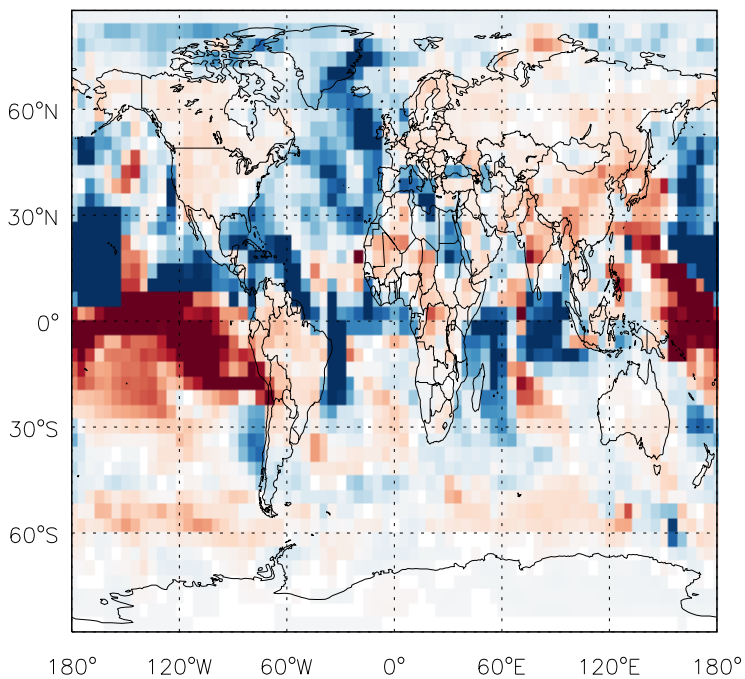
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
IEPOX / Ratio @ Surface for Jul



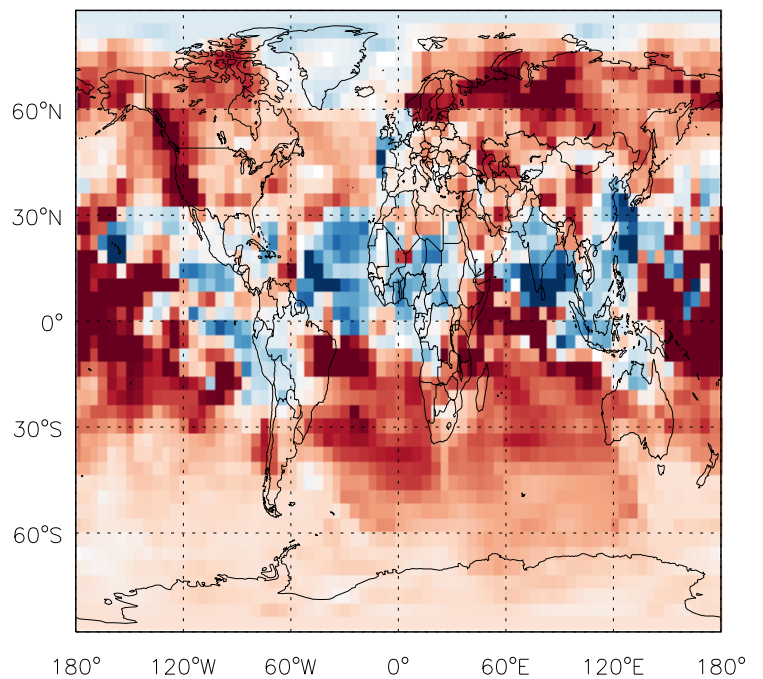
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
IEPOX/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
IEPOX / Ratio @ Surface for Jul

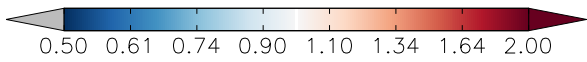
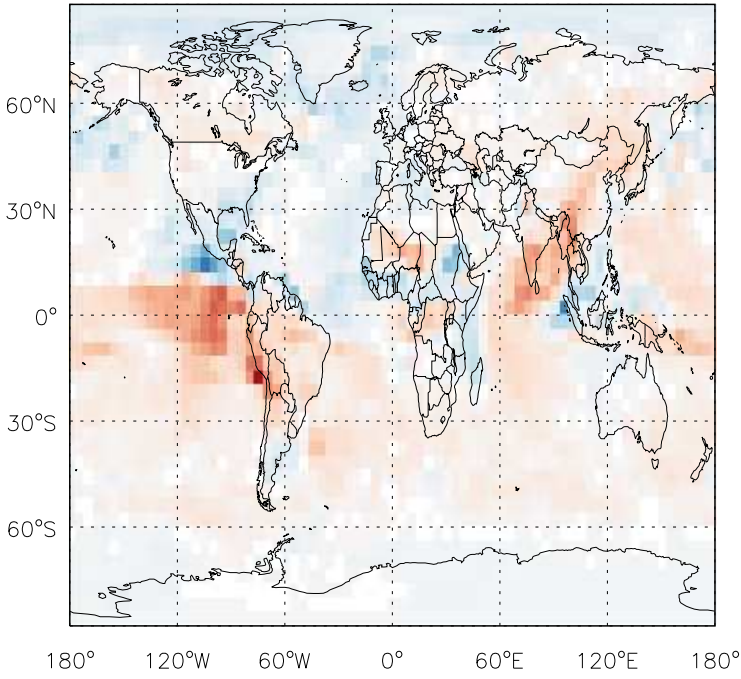


v11-01f-merra2-Run0 / v11-01d-Run1  
IEPOX/ Ratio @ 500 hPa for Jul

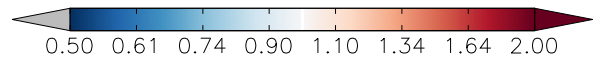
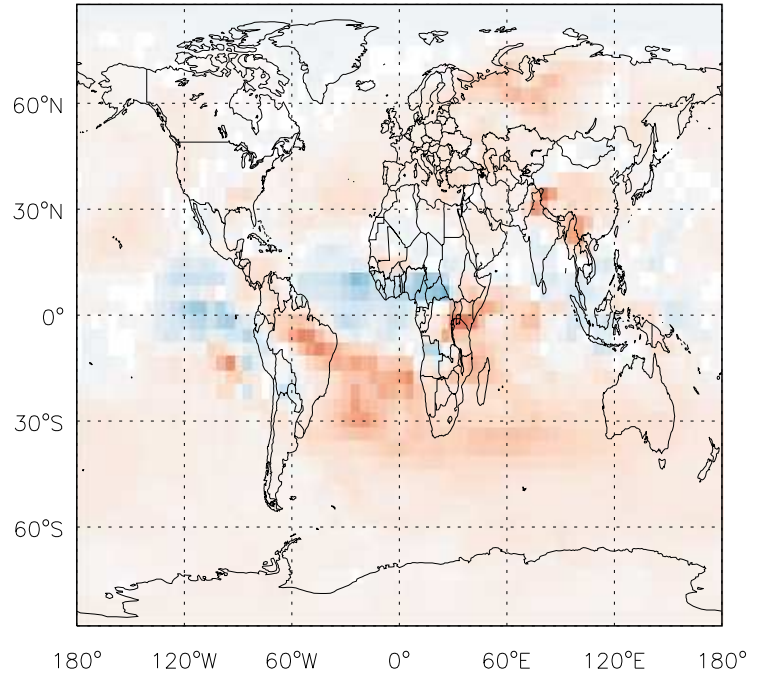


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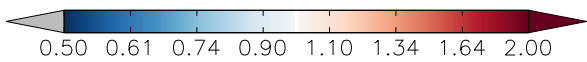
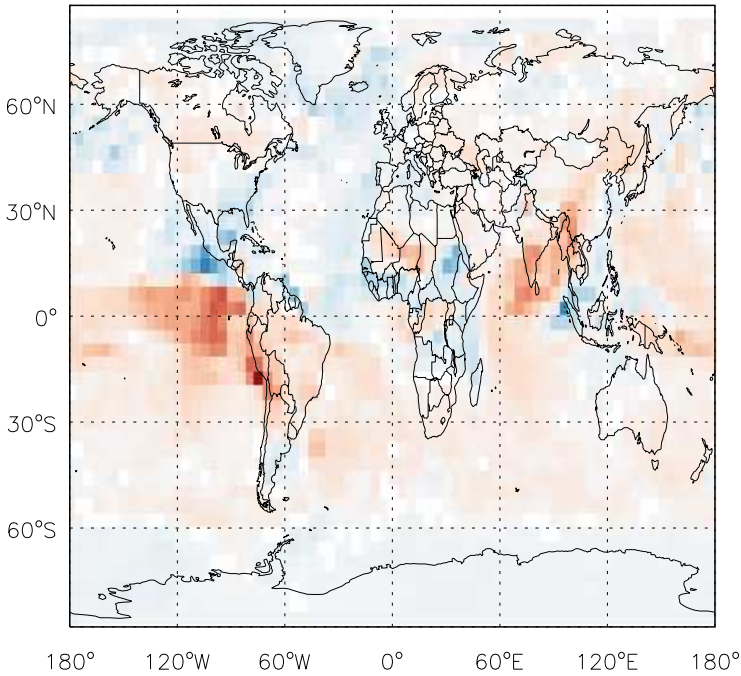
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MAP / Ratio @ Surface for Jul



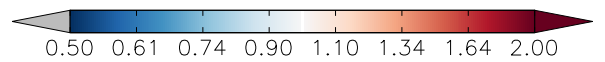
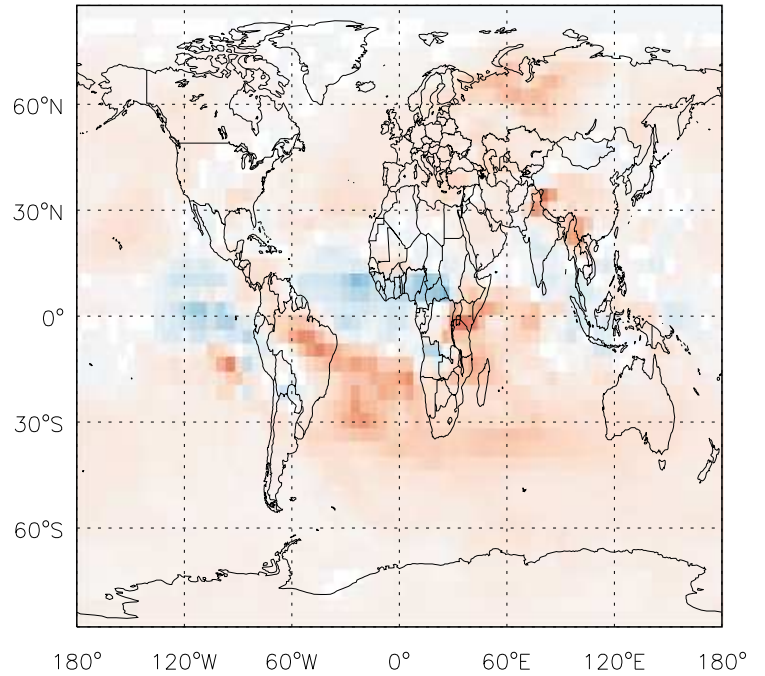
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
MAP/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
MAP / Ratio @ Surface for Jul

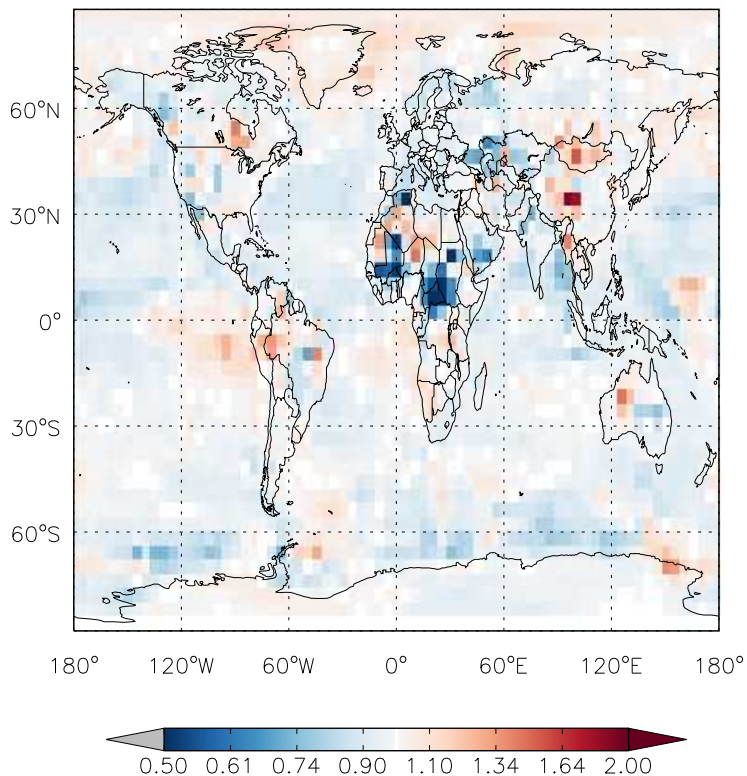


v11-01f-merra2-Run0 / v11-01d-Run1  
MAP/ Ratio @ 500 hPa for Jul

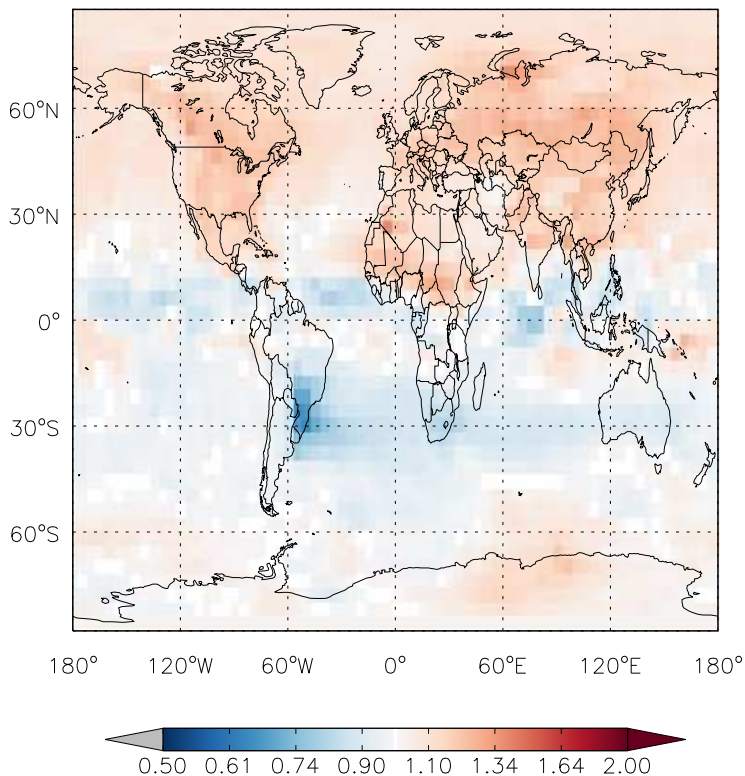


# GEOS-Chem Ratio Maps at surface and 500 hPa

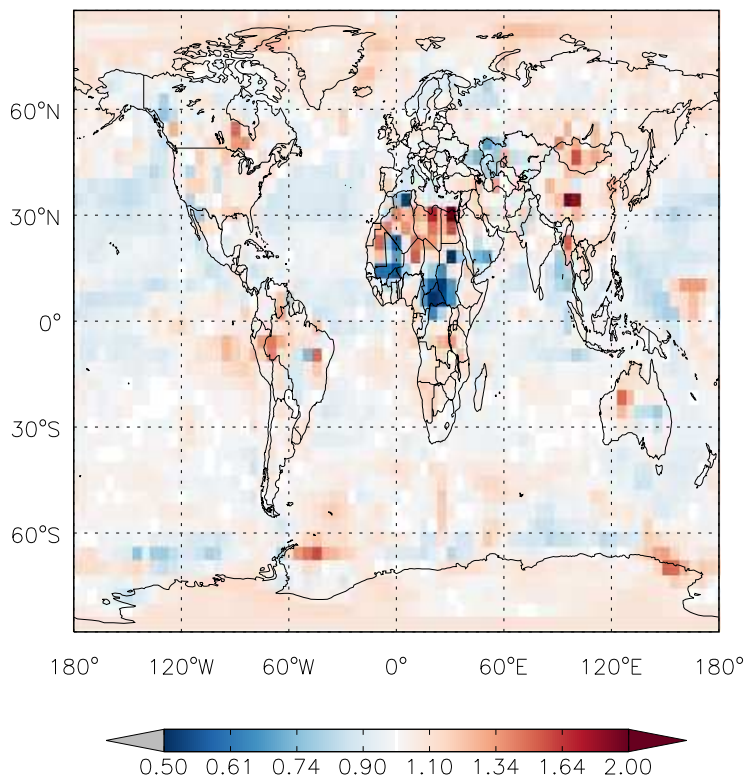
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N<sub>2</sub>O / Ratio @ Surface for Jul



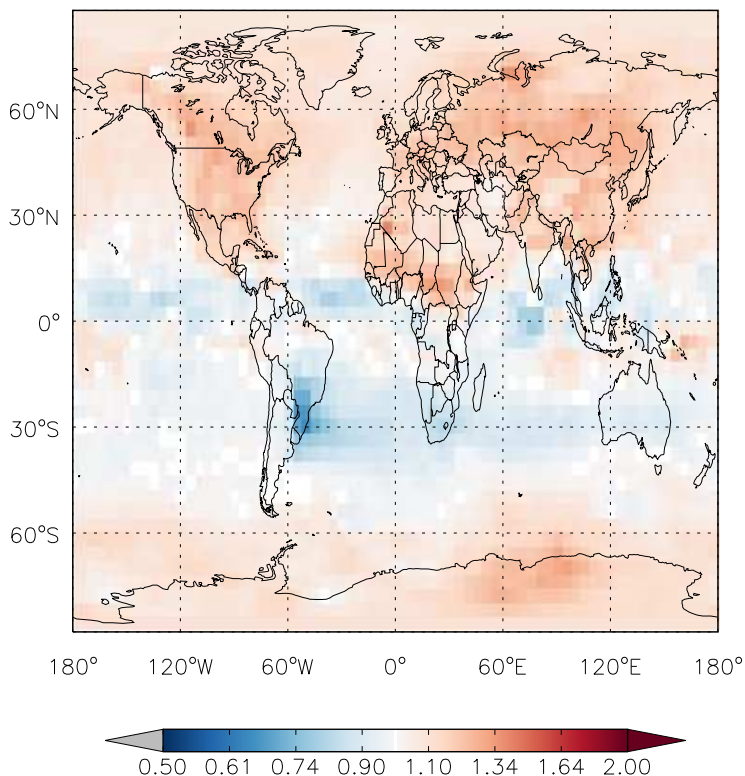
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
N<sub>2</sub>O / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
N<sub>2</sub>O / Ratio @ Surface for Jul



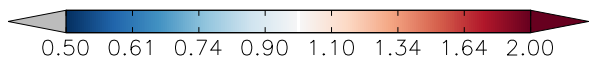
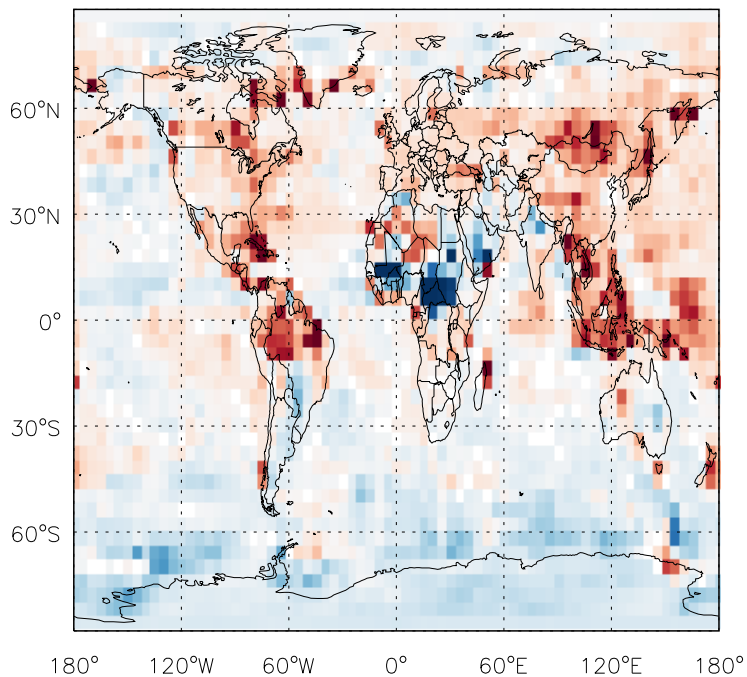
v11-01f-merra2-Run0 / v11-01d-Run1  
N<sub>2</sub>O / Ratio @ 500 hPa for Jul



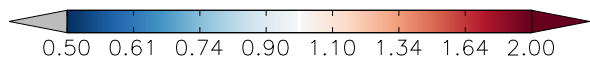
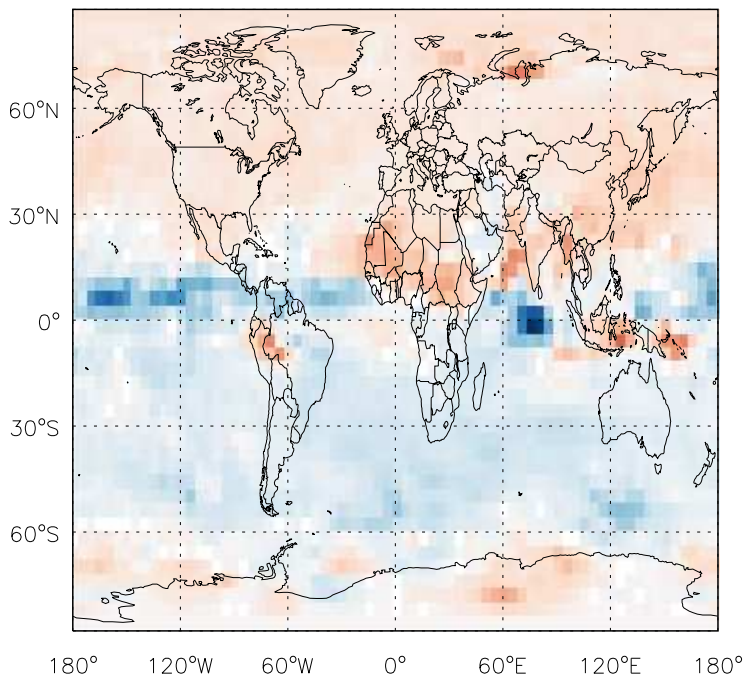


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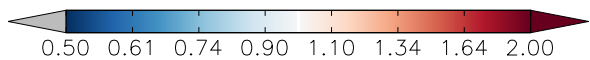
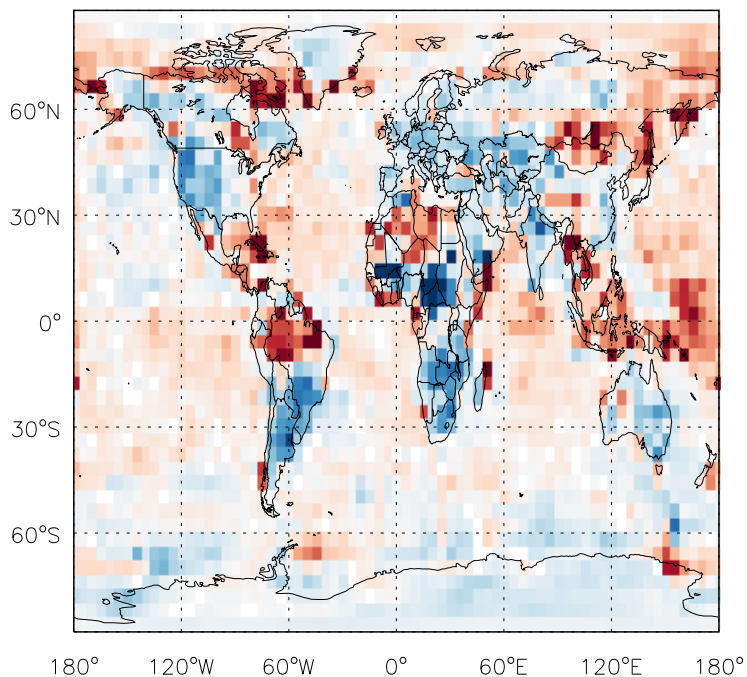
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NO3 / Ratio @ Surface for Jul



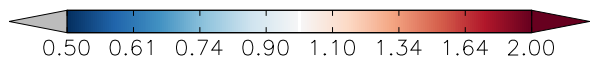
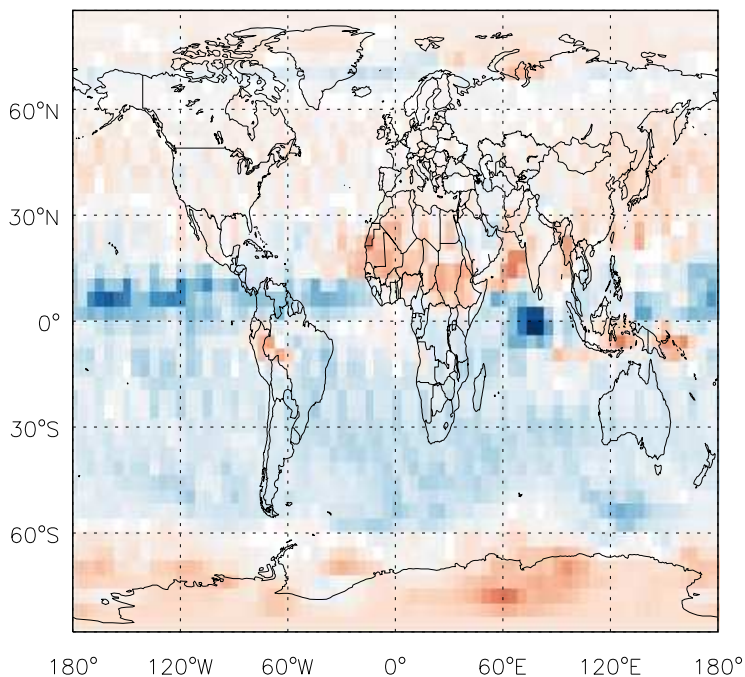
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
NO3/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
NO3 / Ratio @ Surface for Jul

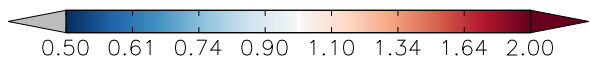
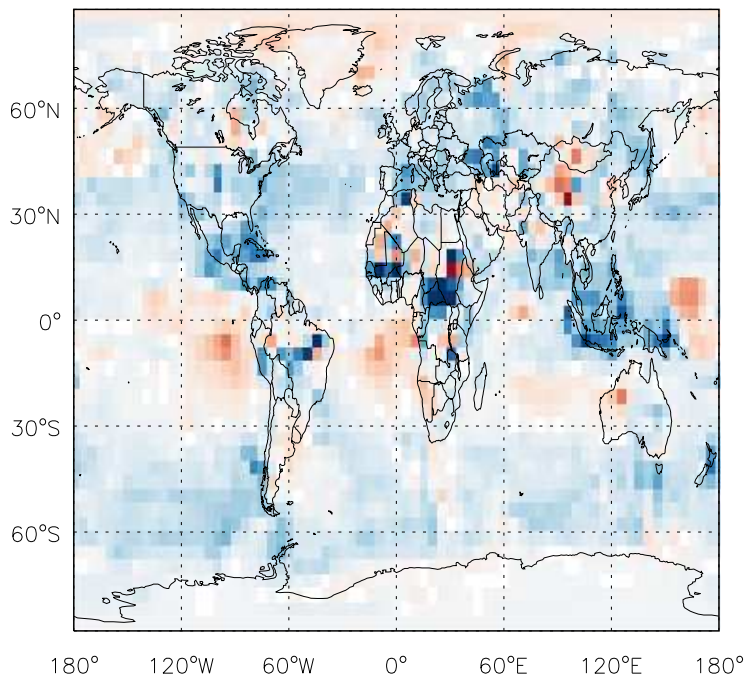


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NO3/ Ratio @ 500 hPa for Jul

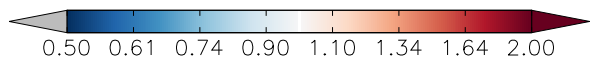
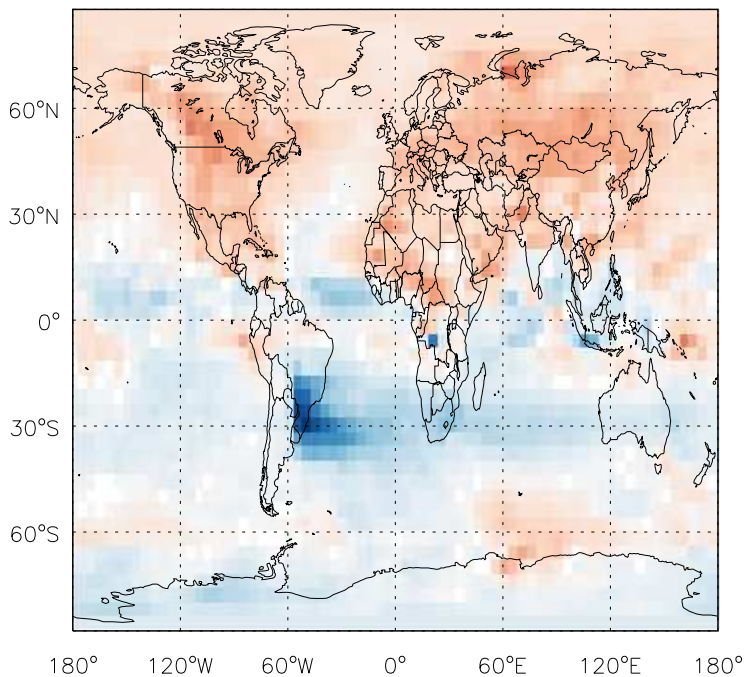


# GEOS-Chem Ratio Maps at surface and 500 hPa

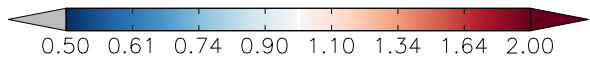
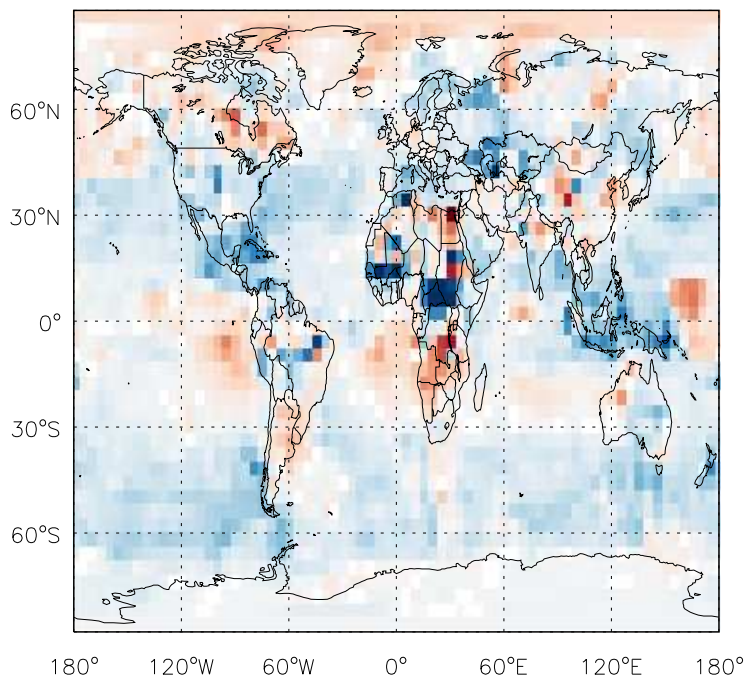
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HN02 / Ratio @ Surface for Jul



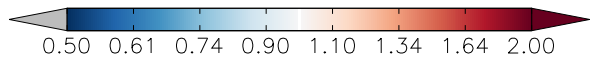
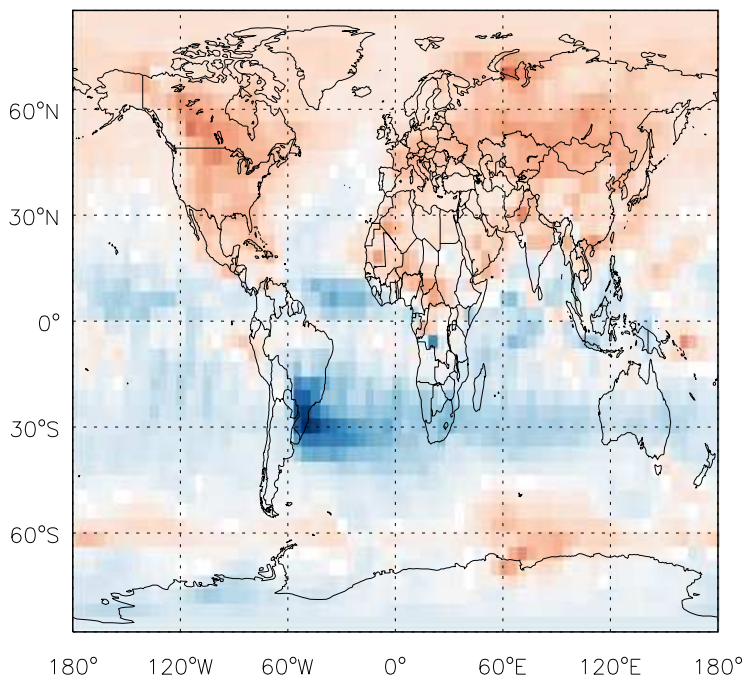
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HN02 / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HN02 / Ratio @ Surface for Jul

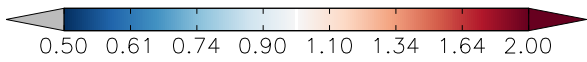
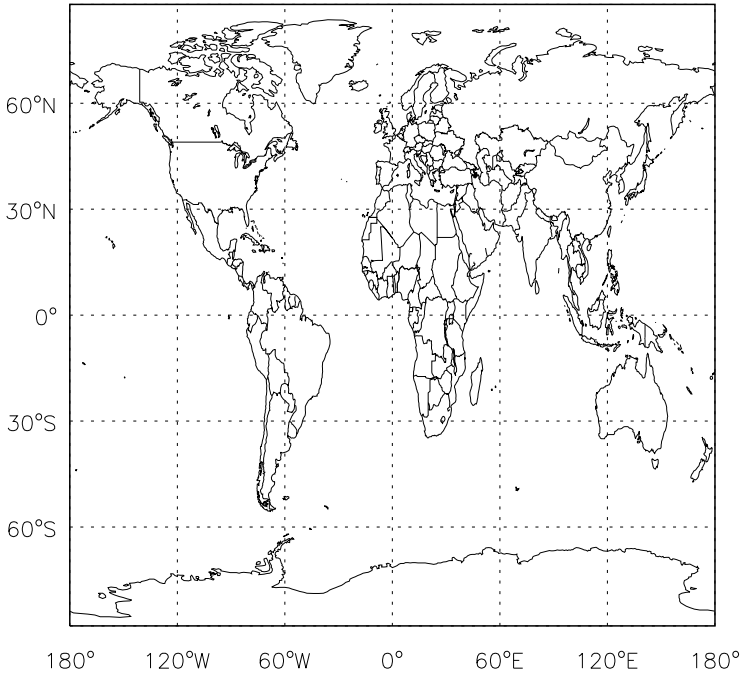


v11-01f-merra2-Run0 / v11-01d-Run1  
HN02 / Ratio @ 500 hPa for Jul

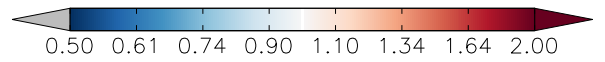
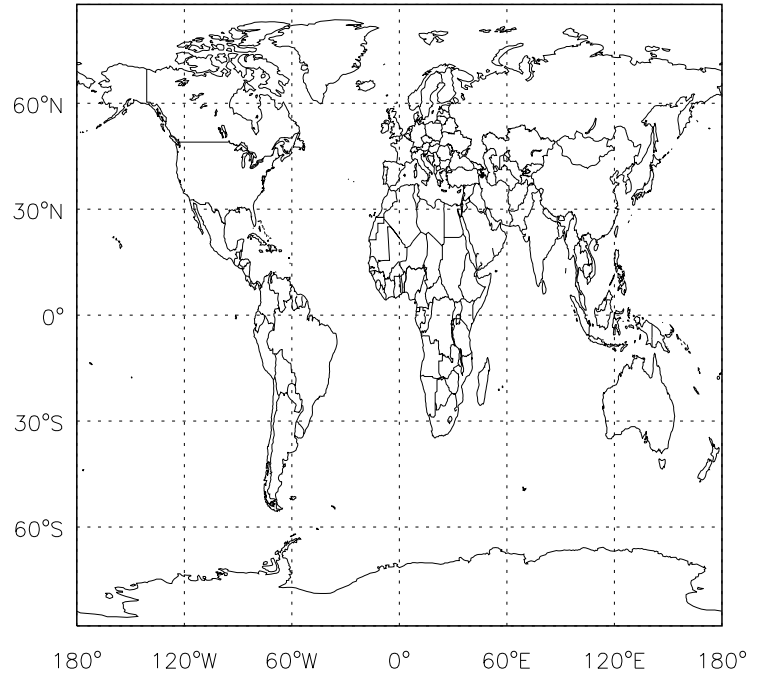


GEOS-Chem Ratio Maps at surface and 500 hPa

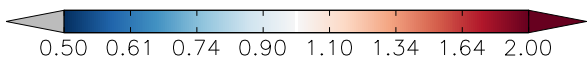
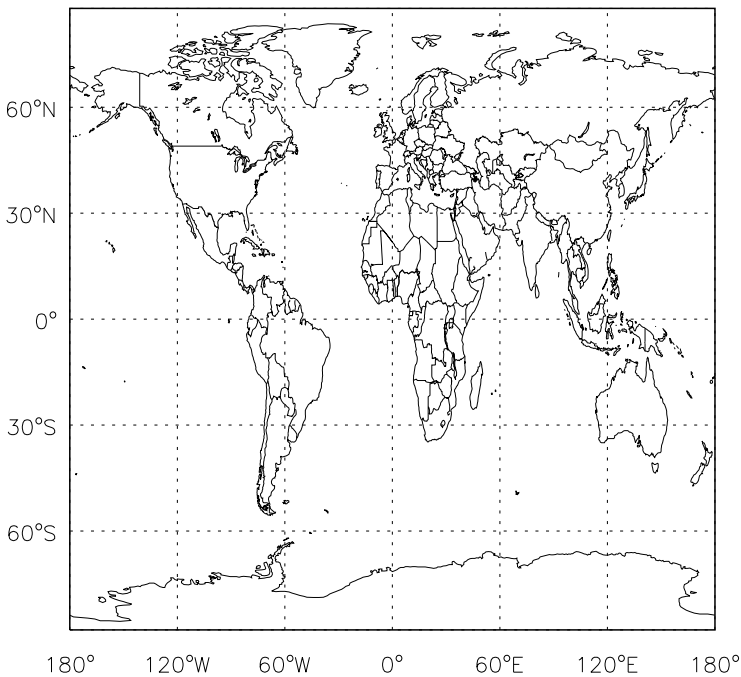
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N2O / Ratio @ Surface for Jul



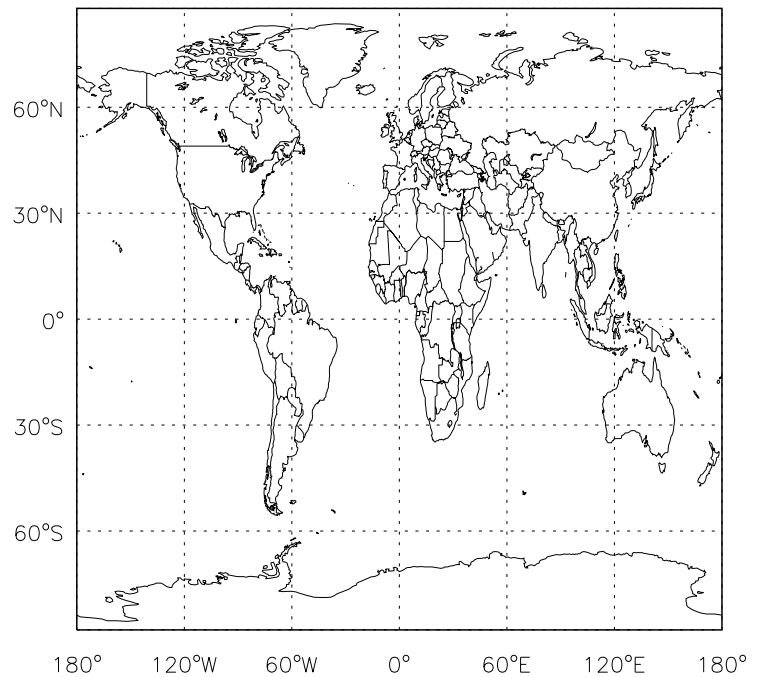
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N2O/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
N2O / Ratio @ Surface for Jul

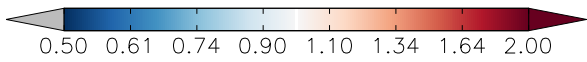
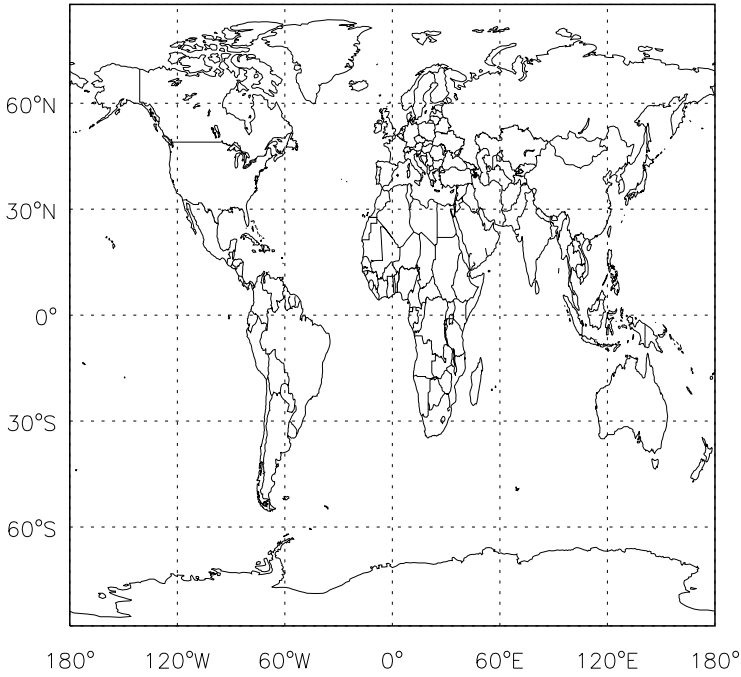


v11-01f-merra2-Run0 / v11-01d-Run1  
N2O/ Ratio @ 500 hPa for Jul

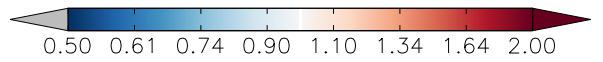
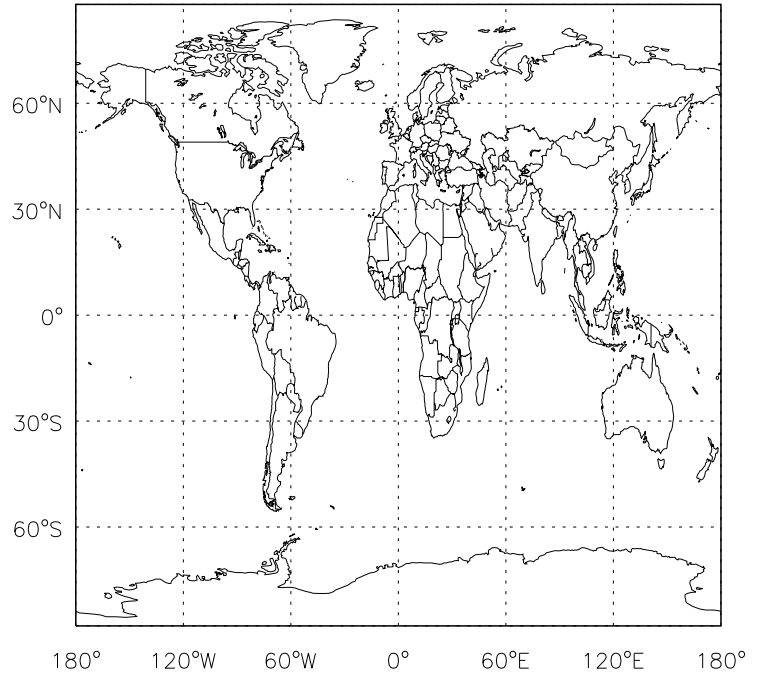


GEOS-Chem Ratio Maps at surface and 500 hPa

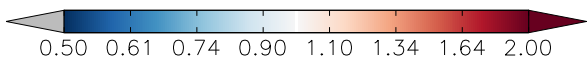
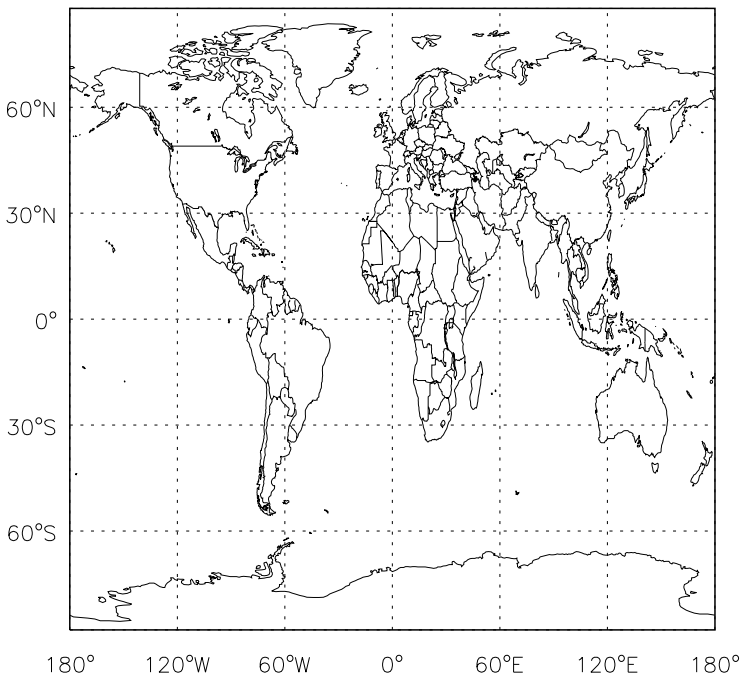
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OCS / Ratio @ Surface for Jul



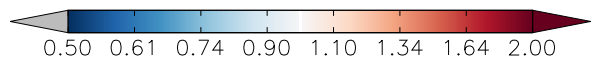
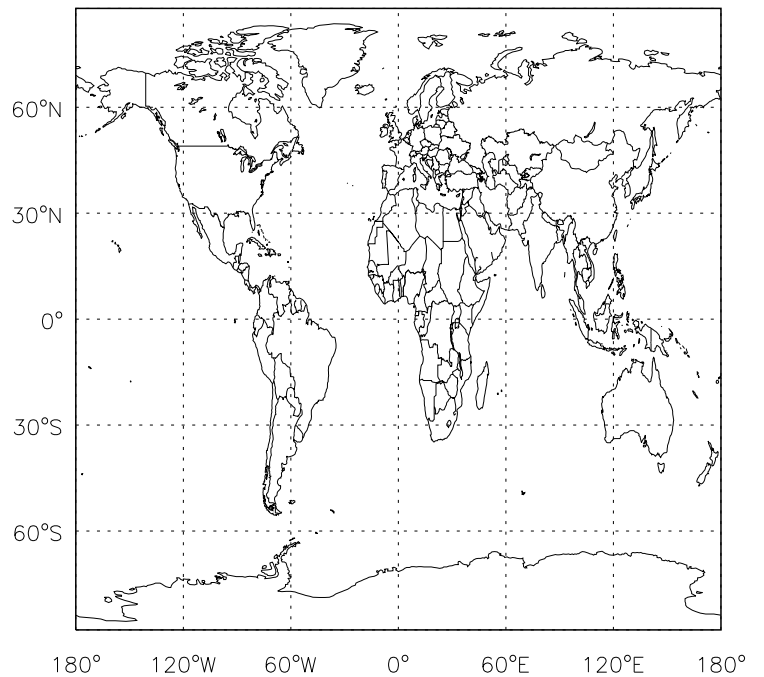
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCS/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
OCS / Ratio @ Surface for Jul

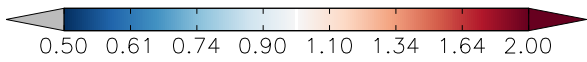
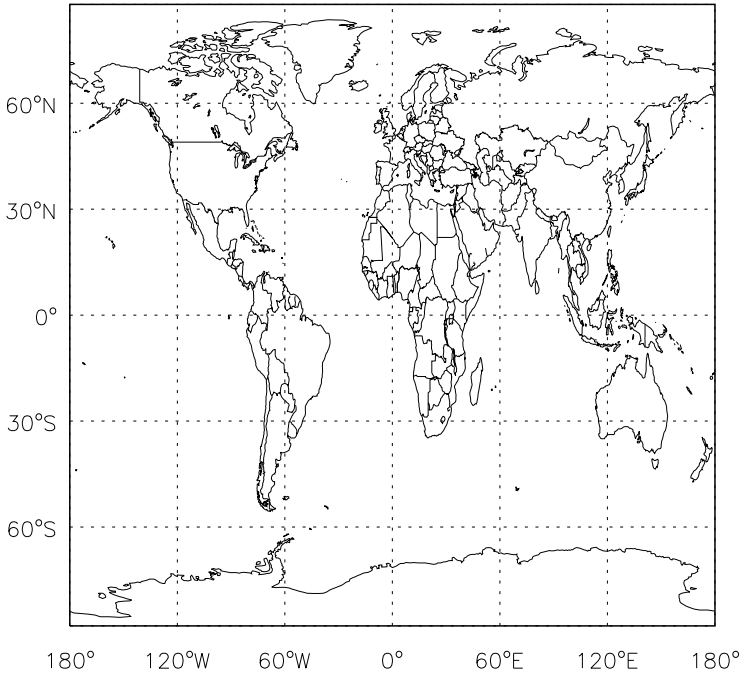


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OCS/ Ratio @ 500 hPa for Jul

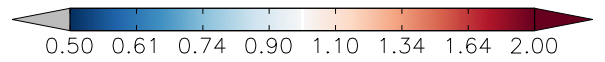
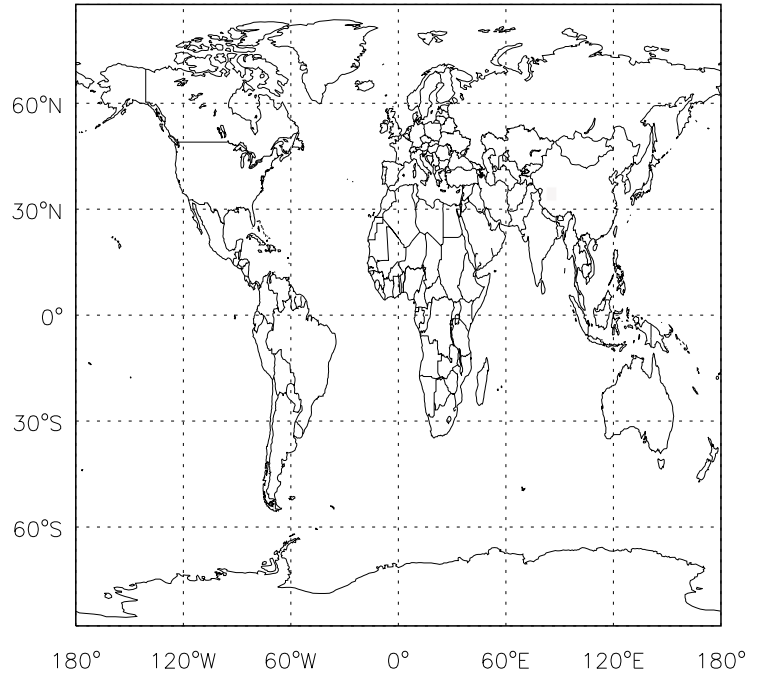


GEOS-Chem Ratio Maps at surface and 500 hPa

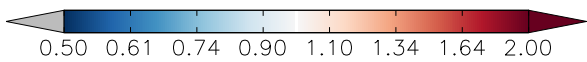
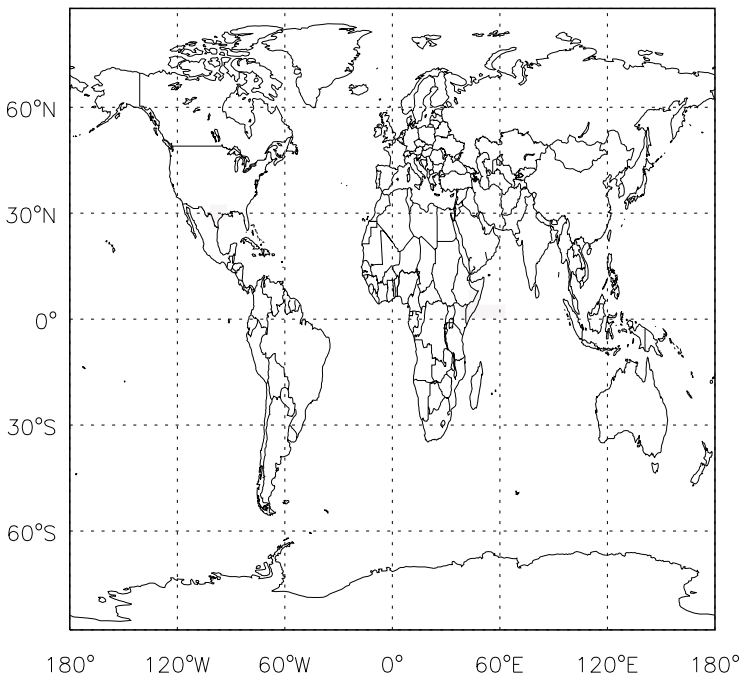
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH4 / Ratio @ Surface for Jul



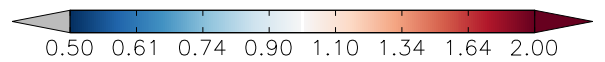
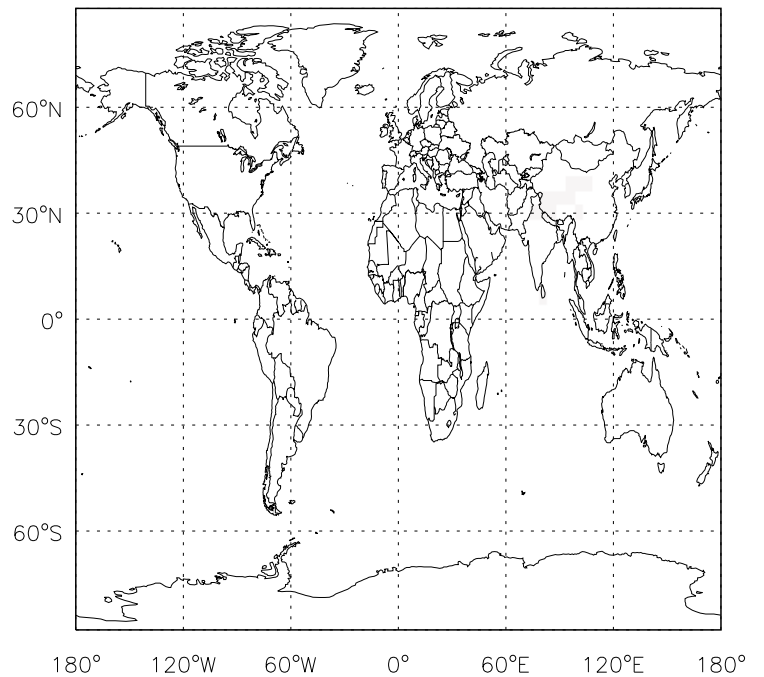
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CH4/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CH4 / Ratio @ Surface for Jul



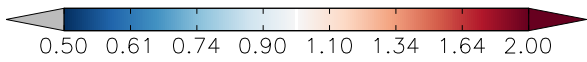
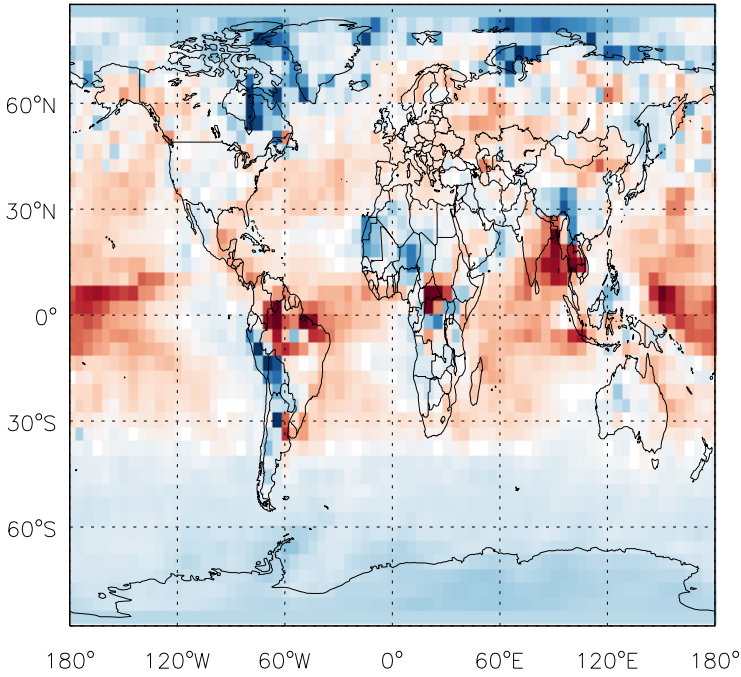
v11-01f-merra2-Run0 / v11-01d-Run1  
CH4/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

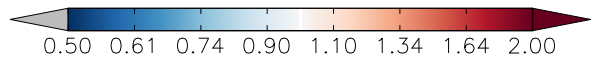
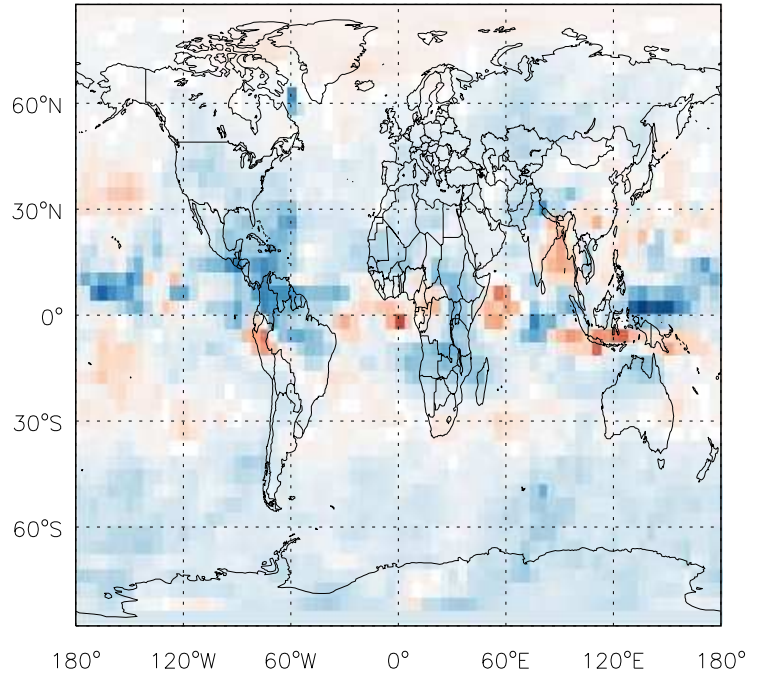
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

BrCl / Ratio @ Surface for Jul



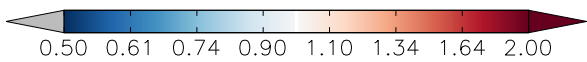
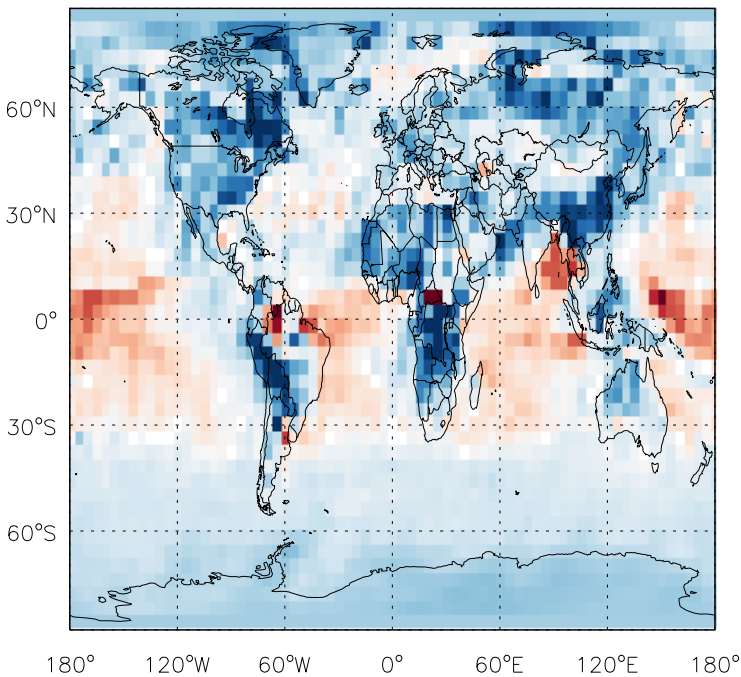
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

BrCl / Ratio @ 500 hPa for Jul



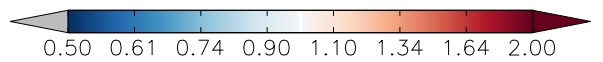
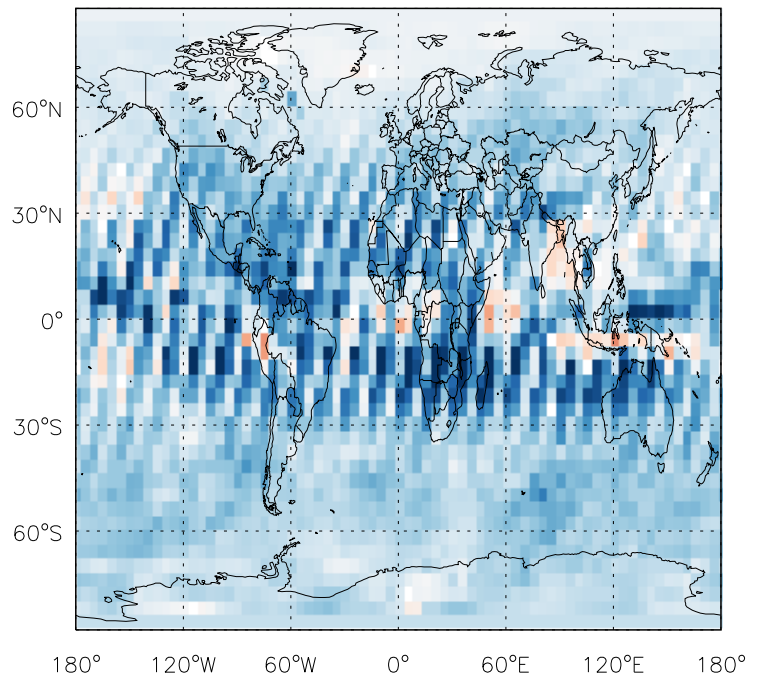
v11-01f-merra2-Run0 / v11-01d-Run1

BrCl / Ratio @ Surface for Jul



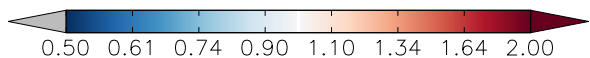
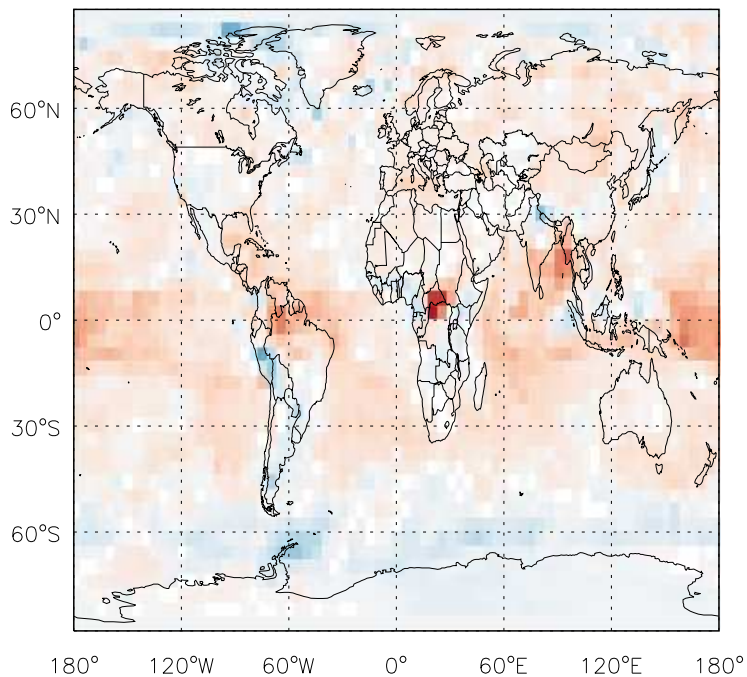
v11-01f-merra2-Run0 / v11-01d-Run1

BrCl / Ratio @ 500 hPa for Jul

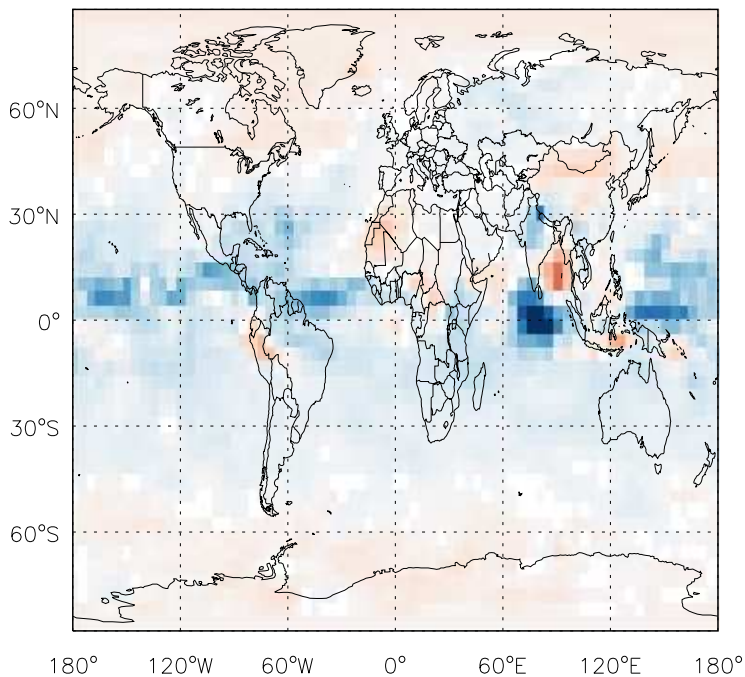


# GEOS-Chem Ratio Maps at surface and 500 hPa

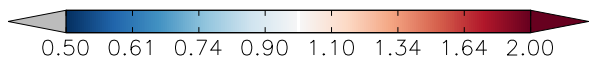
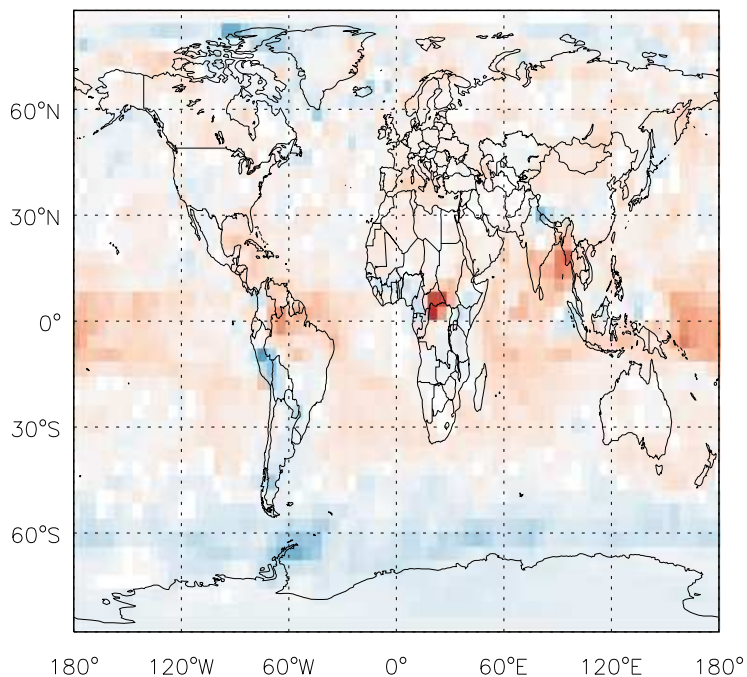
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HCl / Ratio @ Surface for Jul



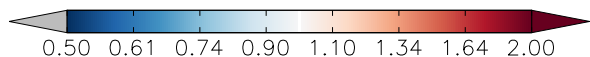
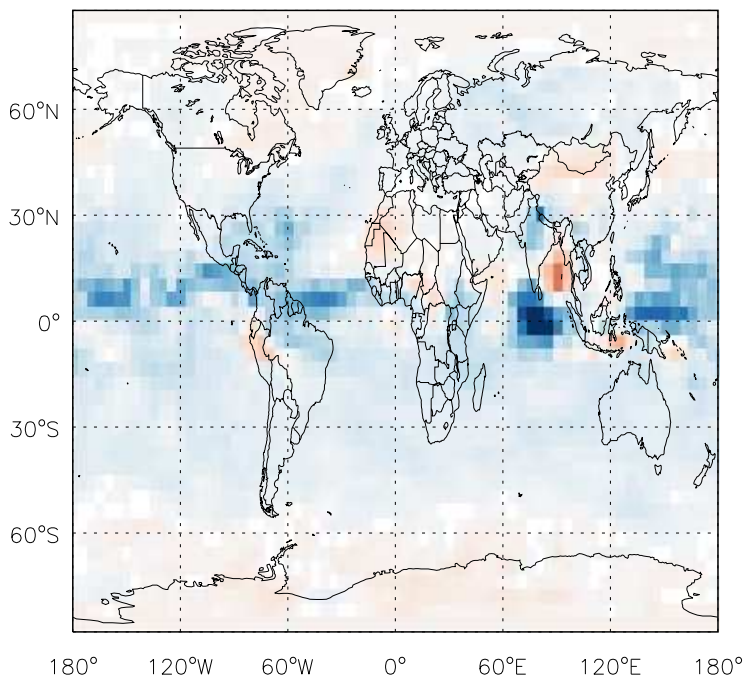
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HCl/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HCl / Ratio @ Surface for Jul

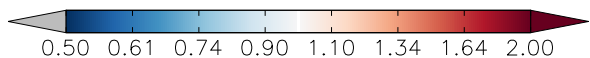
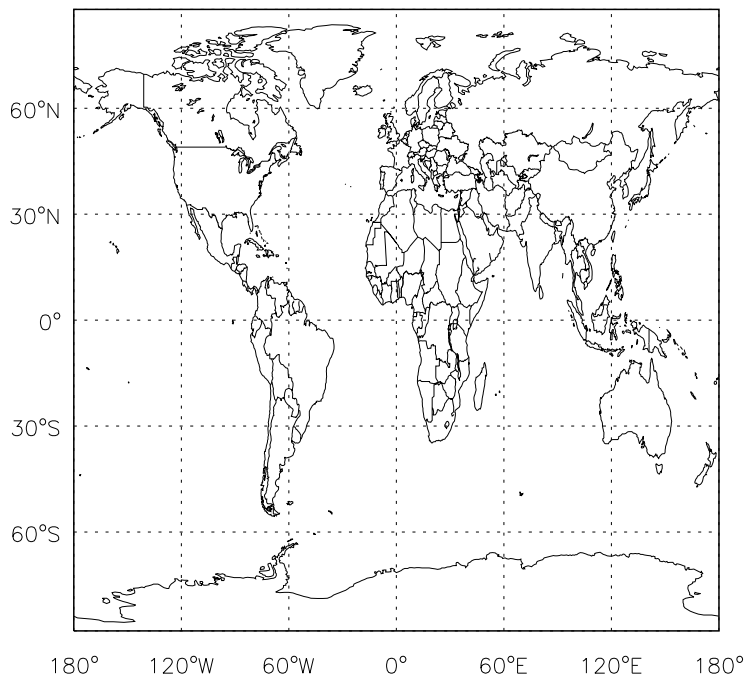


v11-01f-merra2-Run0 / v11-01d-Run1  
HCl/ Ratio @ 500 hPa for Jul

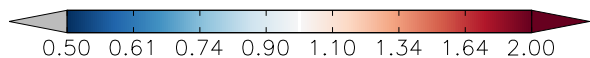
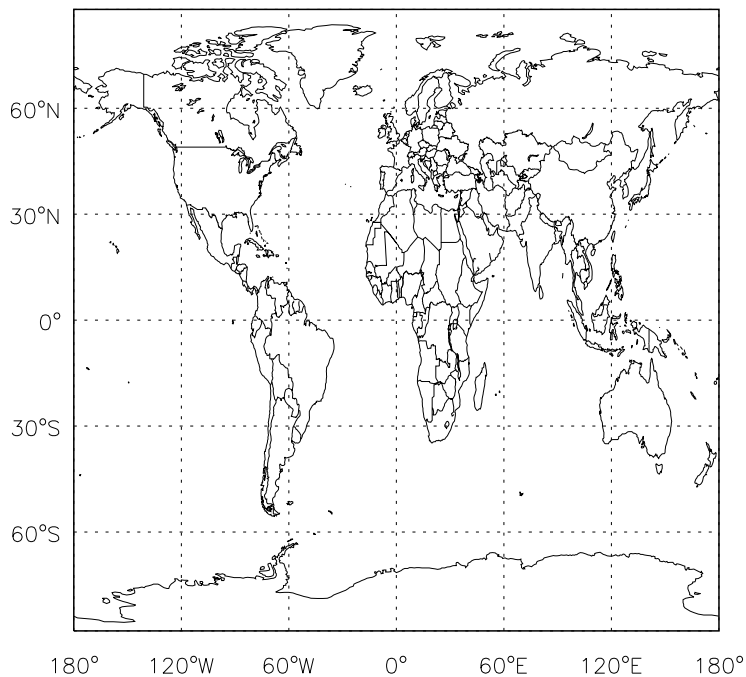


# GEOS-Chem Ratio Maps at surface and 500 hPa

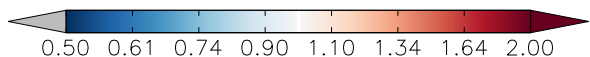
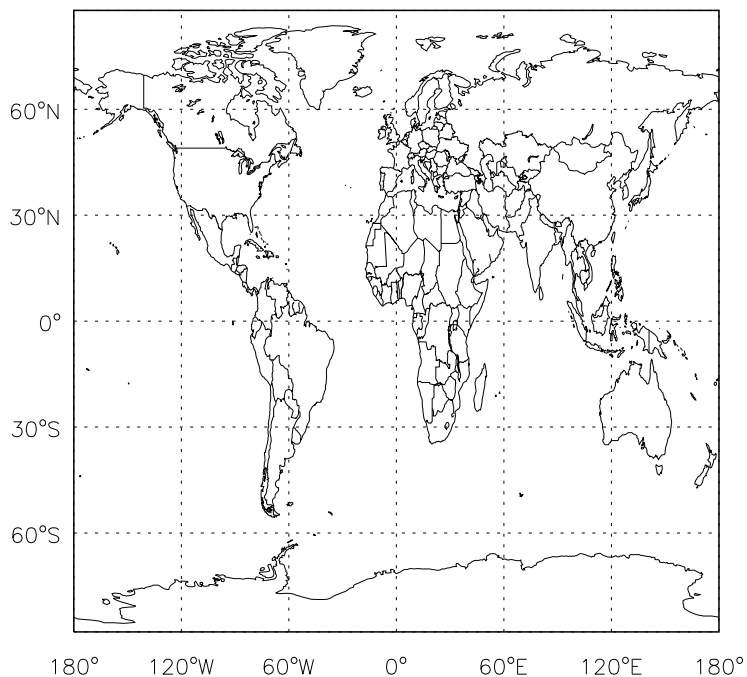
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CCI4 / Ratio @ Surface for Jul



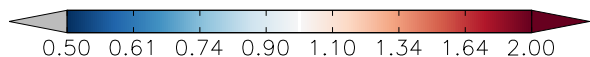
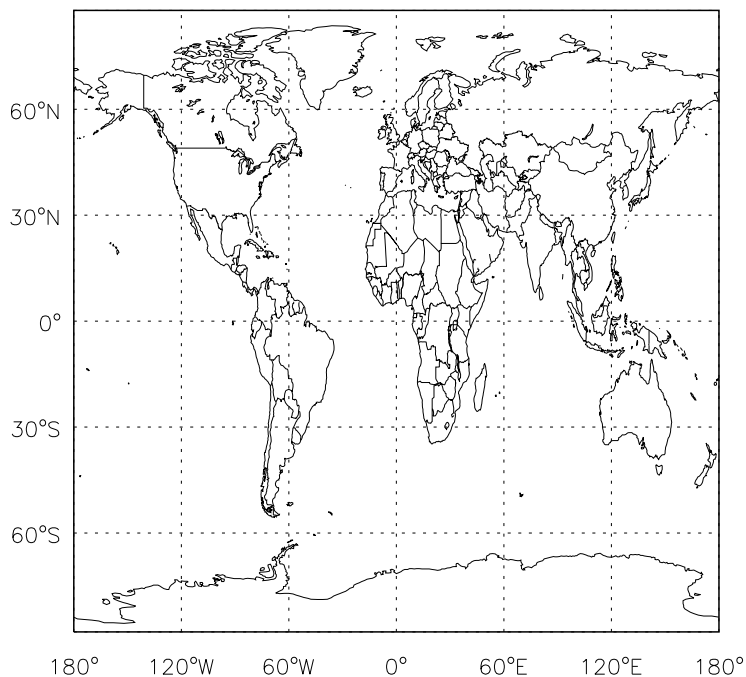
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CCI4/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CCI4 / Ratio @ Surface for Jul



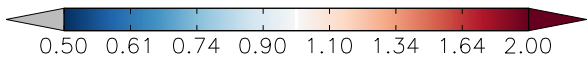
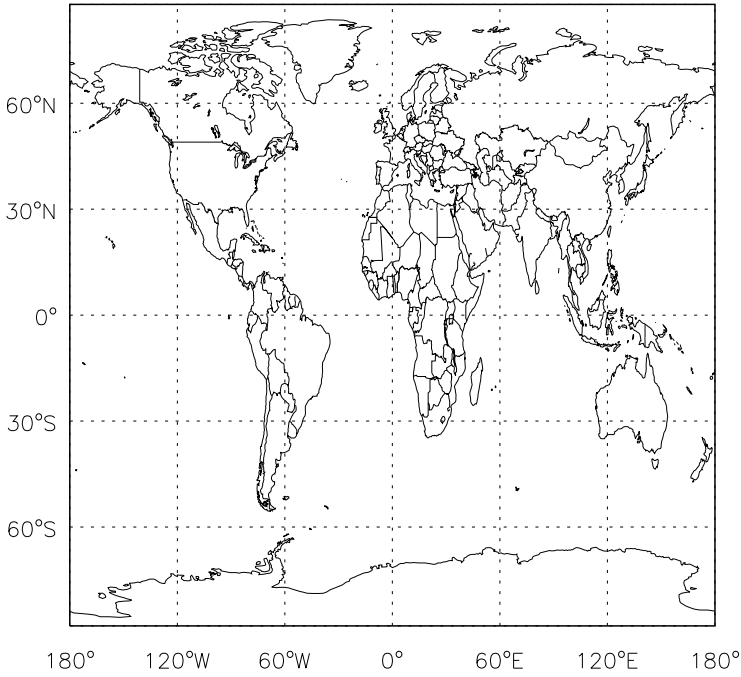
v11-01f-merra2-Run0 / v11-01d-Run1  
CCI4/ Ratio @ 500 hPa for Jul



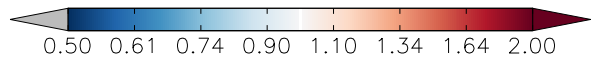
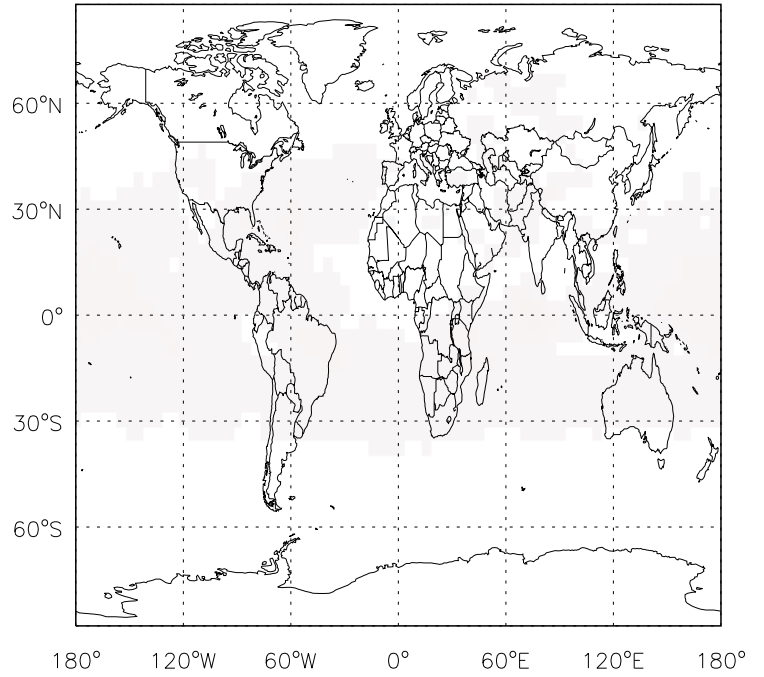


GEOS-Chem Ratio Maps at surface and 500 hPa

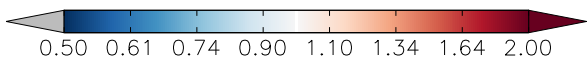
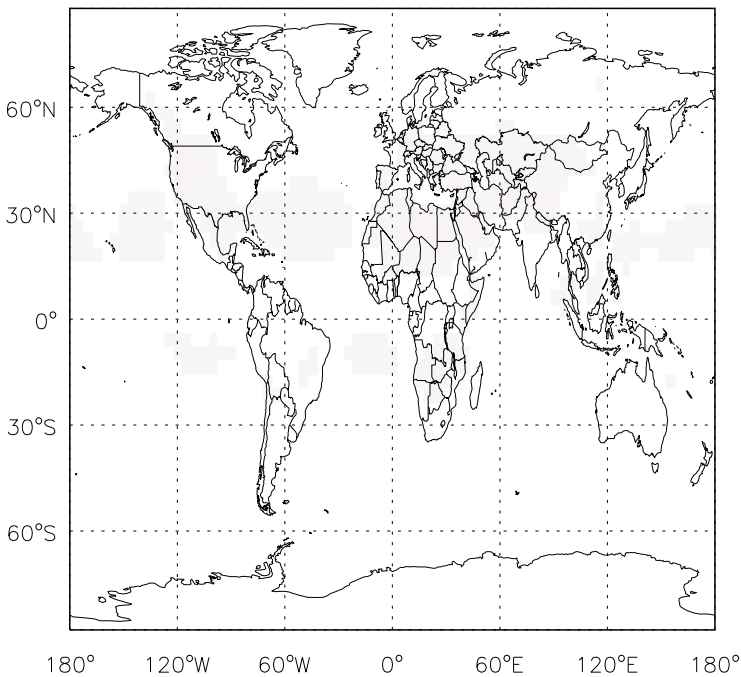
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH3Cl / Ratio @ Surface for Jul



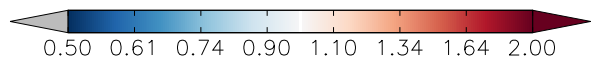
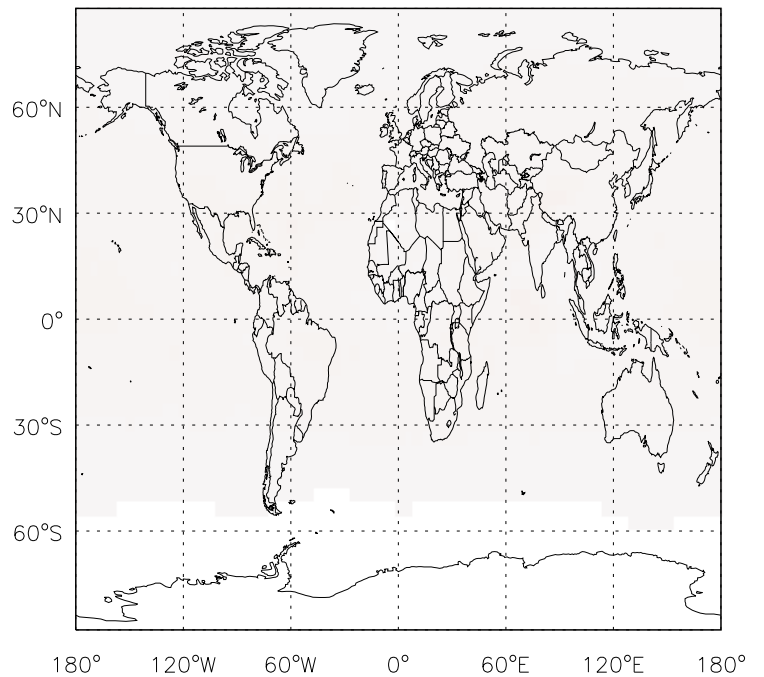
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH3Cl/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CH3Cl / Ratio @ Surface for Jul

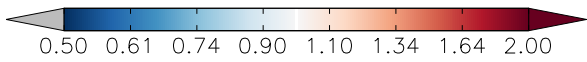
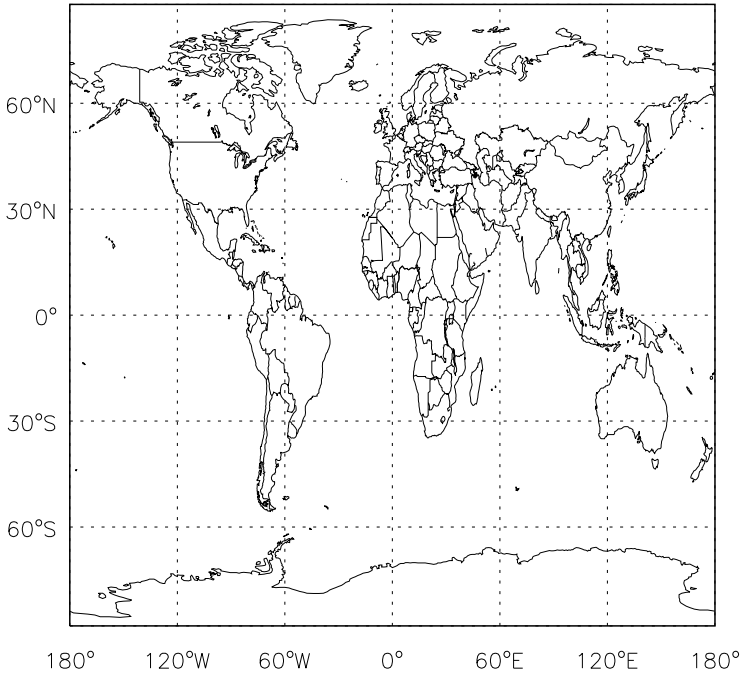


v11-01f-merra2-Run0 / v11-01d-Run1  
CH3Cl/ Ratio @ 500 hPa for Jul

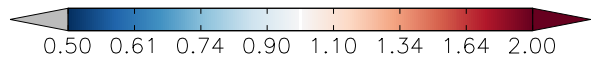
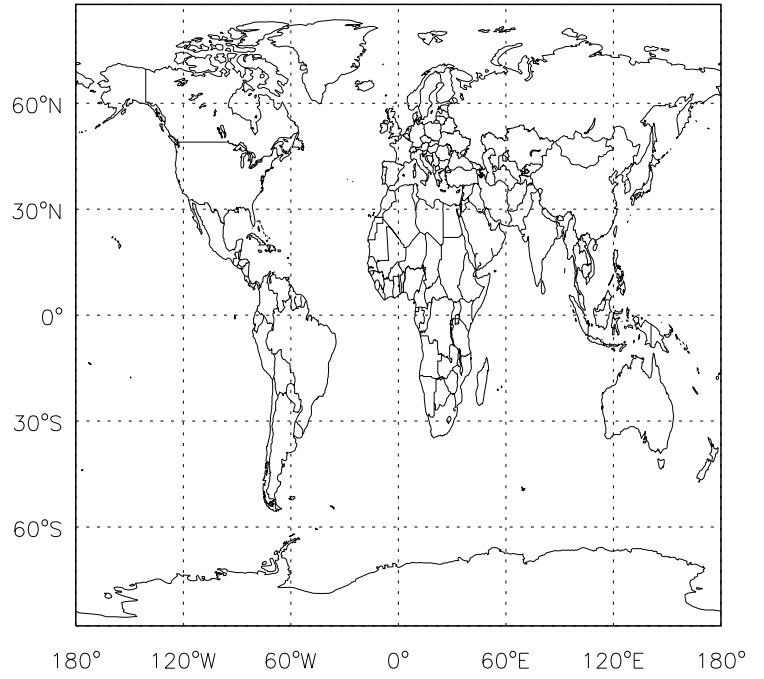


GEOS-Chem Ratio Maps at surface and 500 hPa

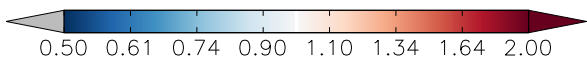
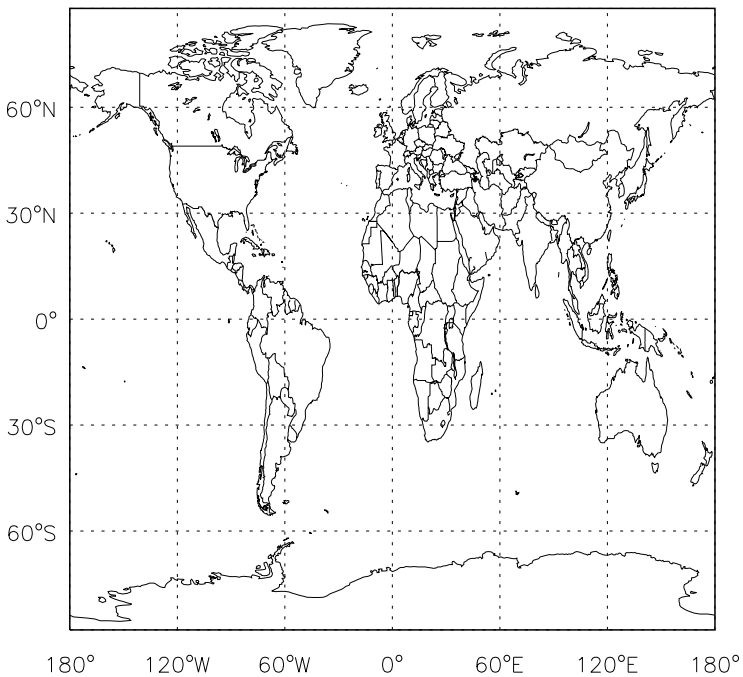
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH<sub>3</sub>CCl<sub>3</sub> / Ratio @ Surface for Jul



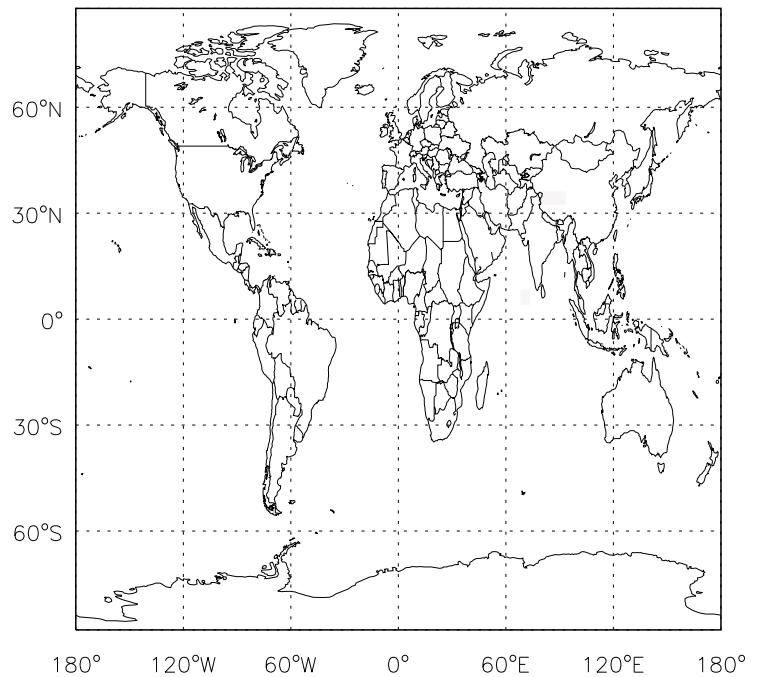
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CH<sub>3</sub>CCl<sub>3</sub>/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CH<sub>3</sub>CCl<sub>3</sub> / Ratio @ Surface for Jul

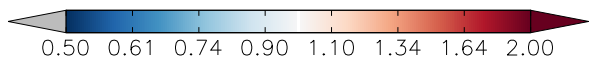
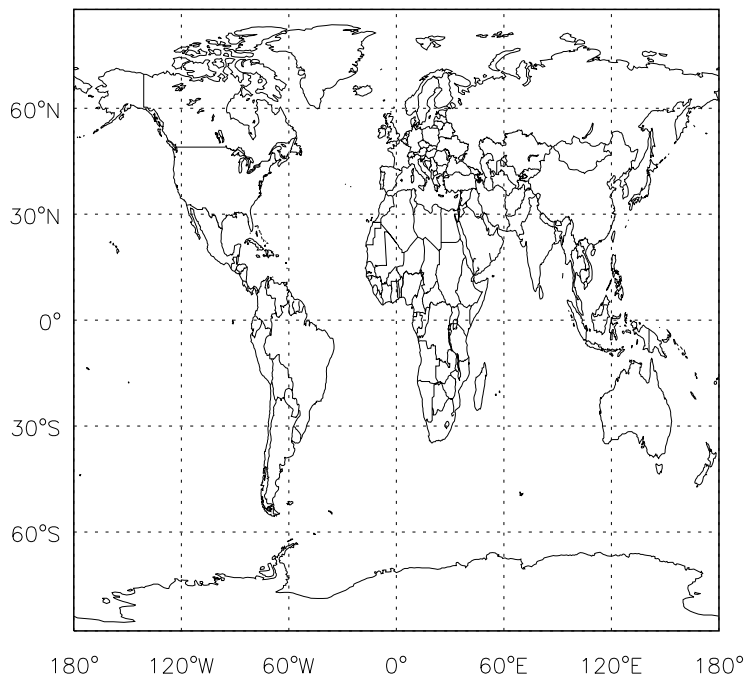


v11-01f-merra2-Run0 / v11-01d-Run1  
CH<sub>3</sub>CCl<sub>3</sub>/ Ratio @ 500 hPa for Jul

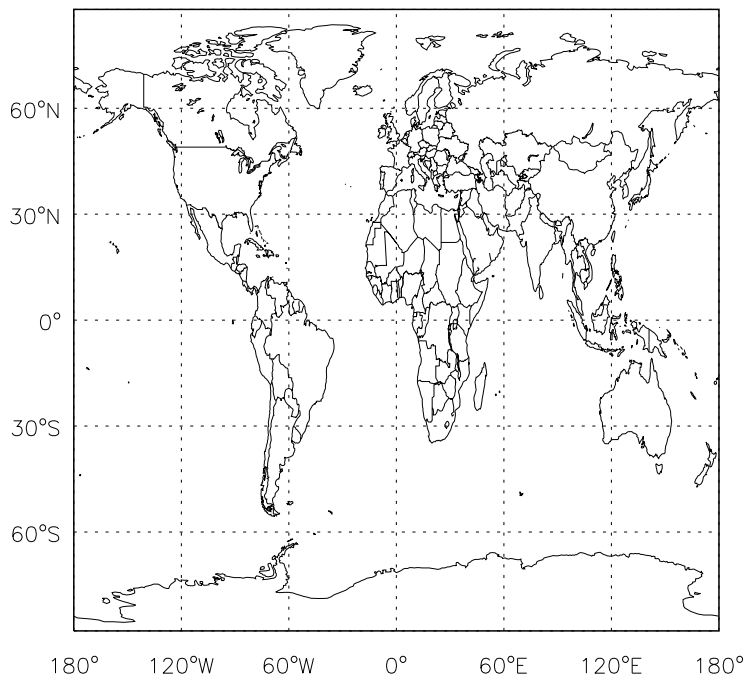


# GEOS-Chem Ratio Maps at surface and 500 hPa

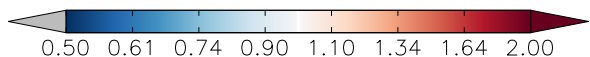
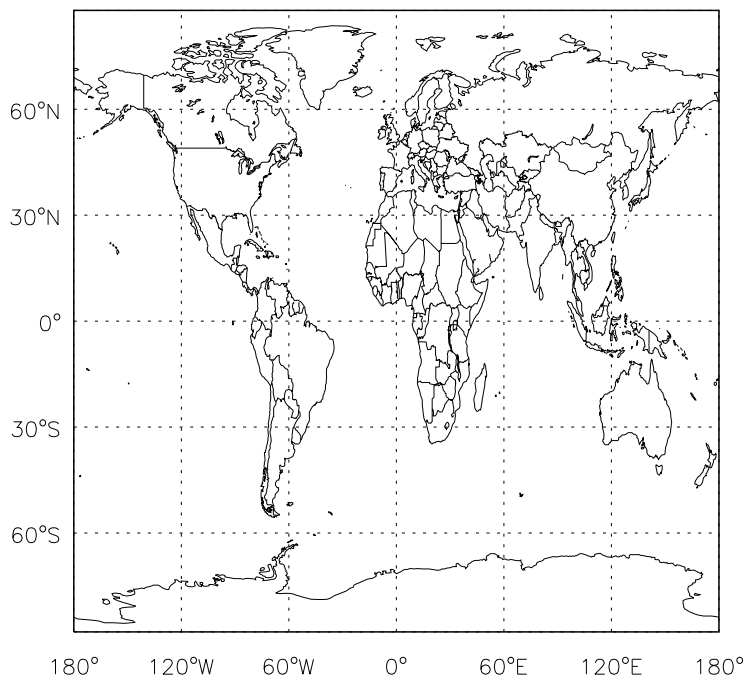
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CFCX / Ratio @ Surface for Jul



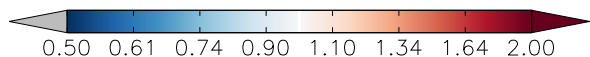
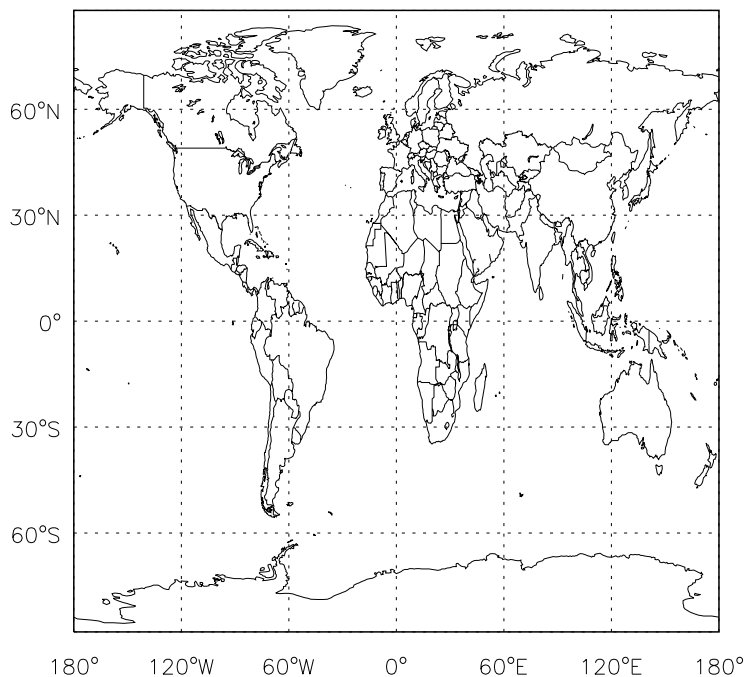
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CFCX / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CFCX / Ratio @ Surface for Jul

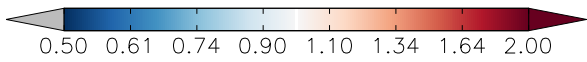
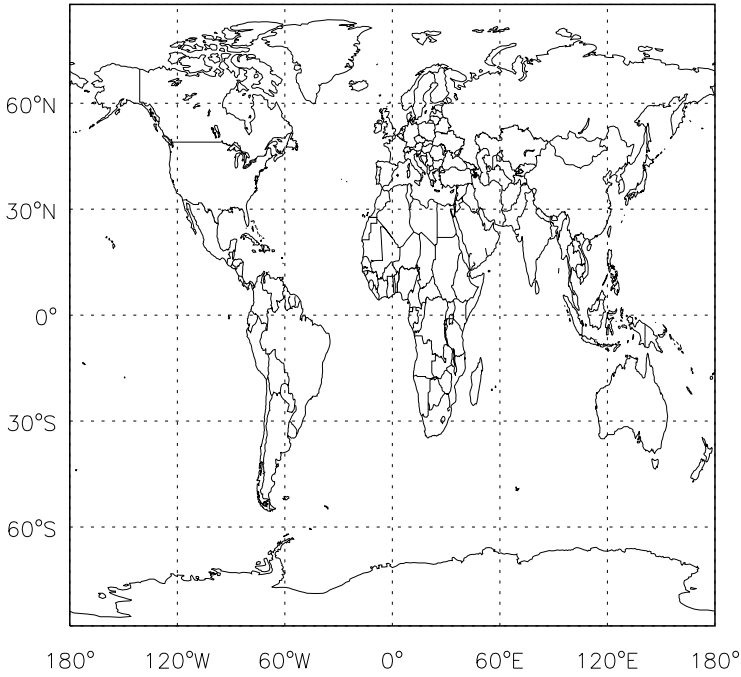


v11-01f-merra2-Run0 / v11-01d-Run1  
CFCX / Ratio @ 500 hPa for Jul

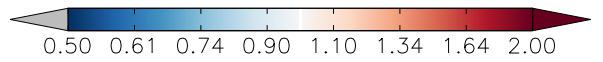
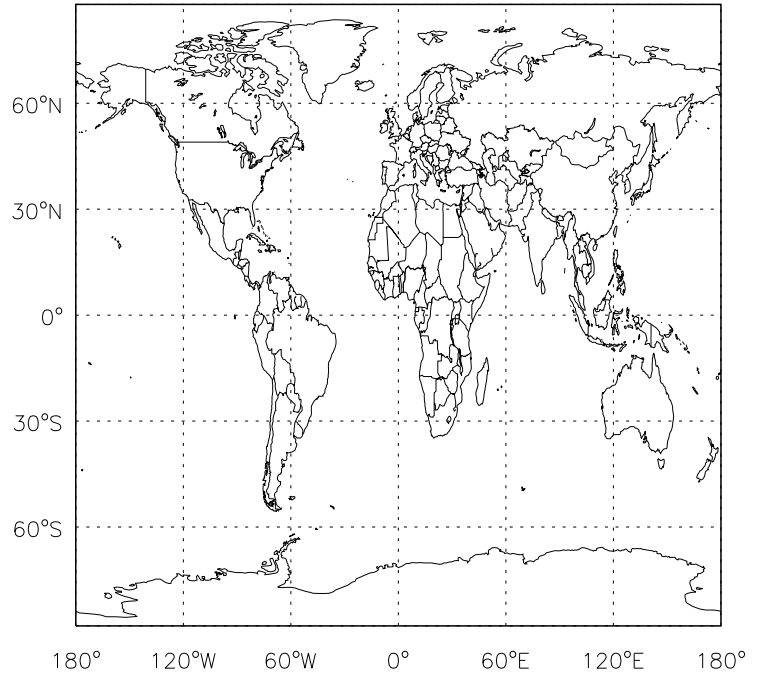


GEOS-Chem Ratio Maps at surface and 500 hPa

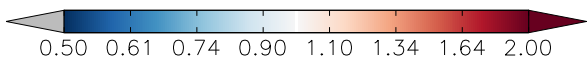
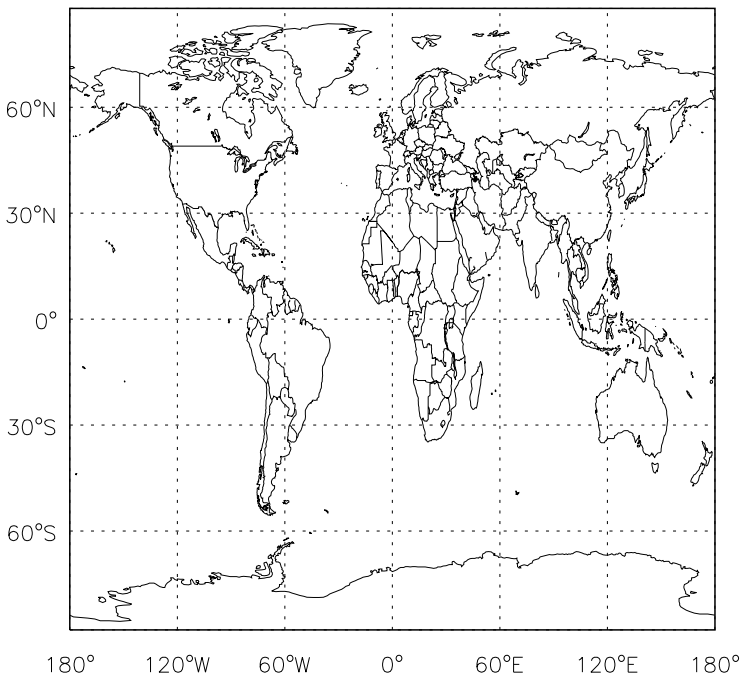
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HCFCX / Ratio @ Surface for Jul



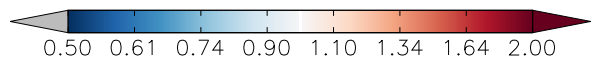
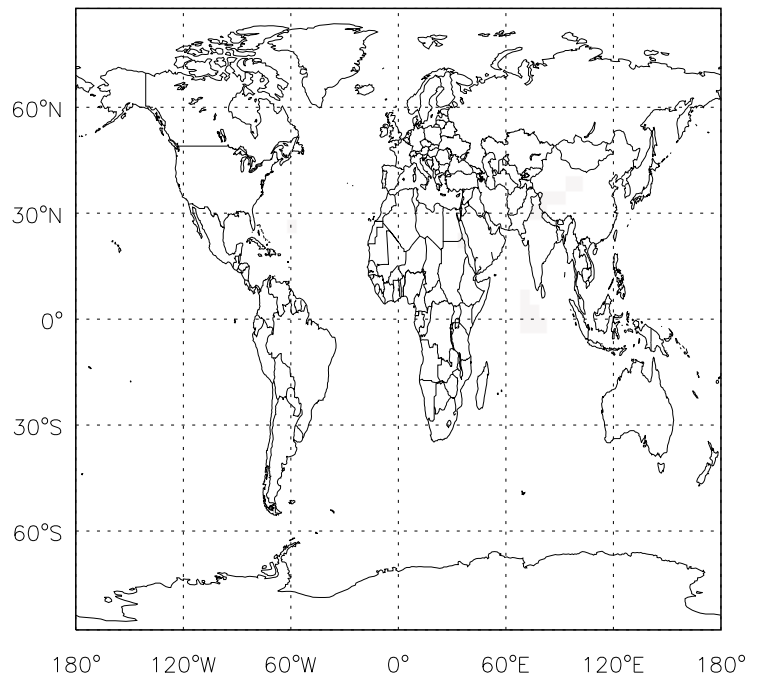
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HCFCX/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HCFCX / Ratio @ Surface for Jul

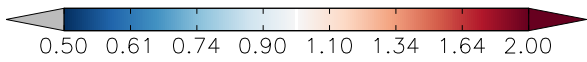
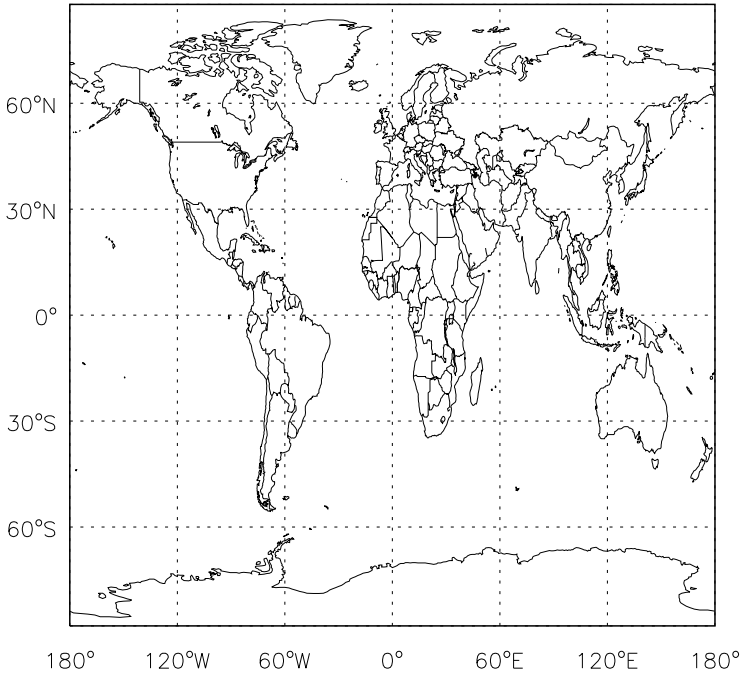


v11-01f-merra2-Run0 / v11-01d-Run1  
HCFCX/ Ratio @ 500 hPa for Jul

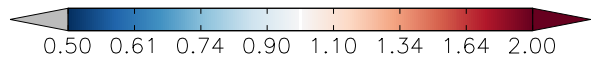
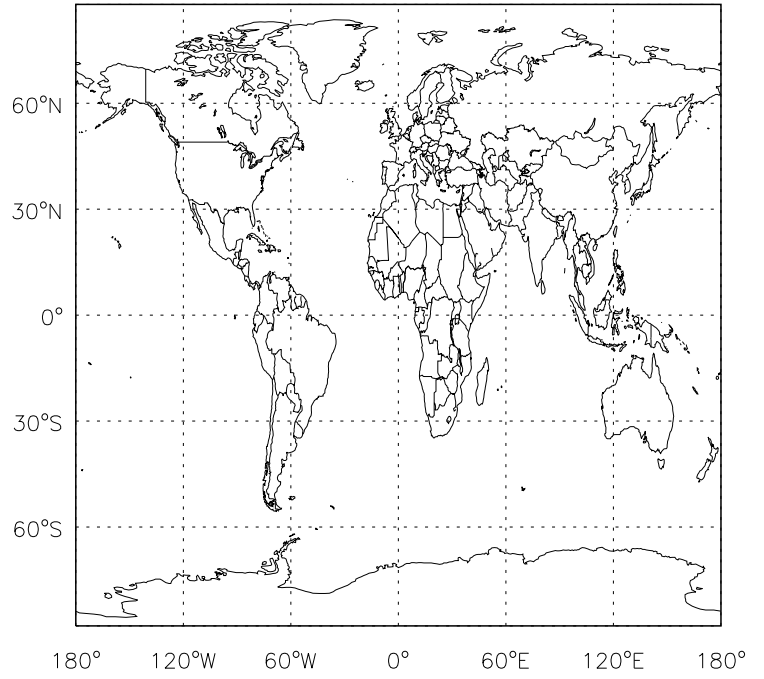


GEOS-Chem Ratio Maps at surface and 500 hPa

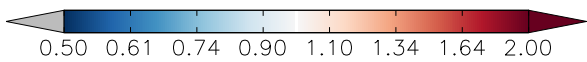
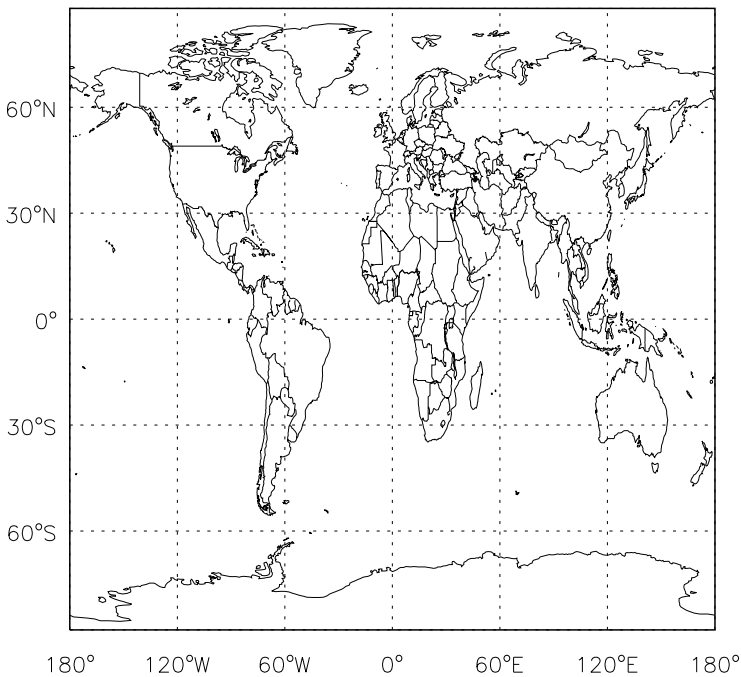
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CFC11 / Ratio @ Surface for Jul



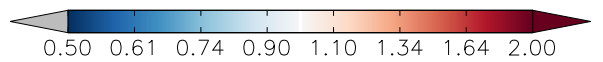
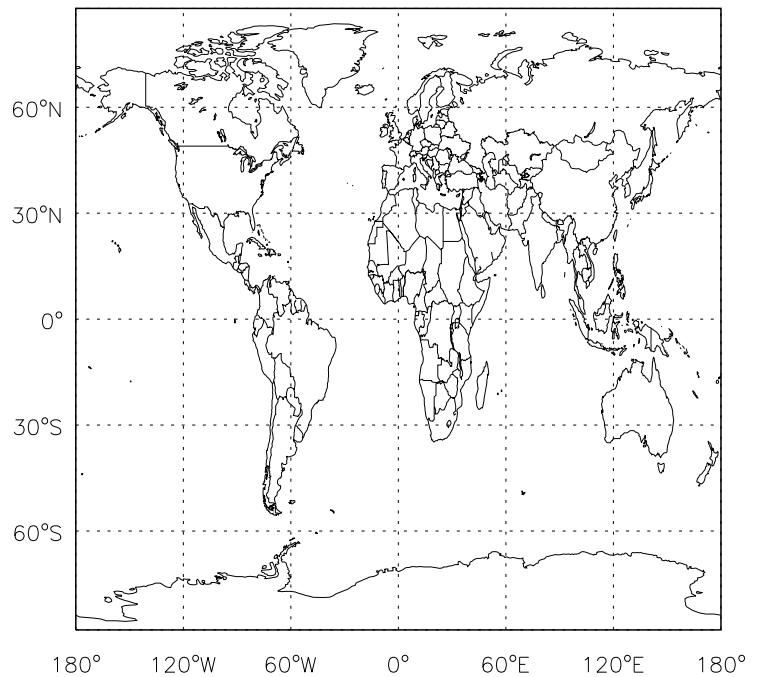
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CFC11/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CFC11 / Ratio @ Surface for Jul

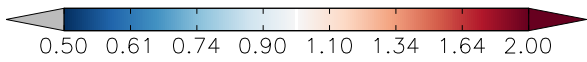
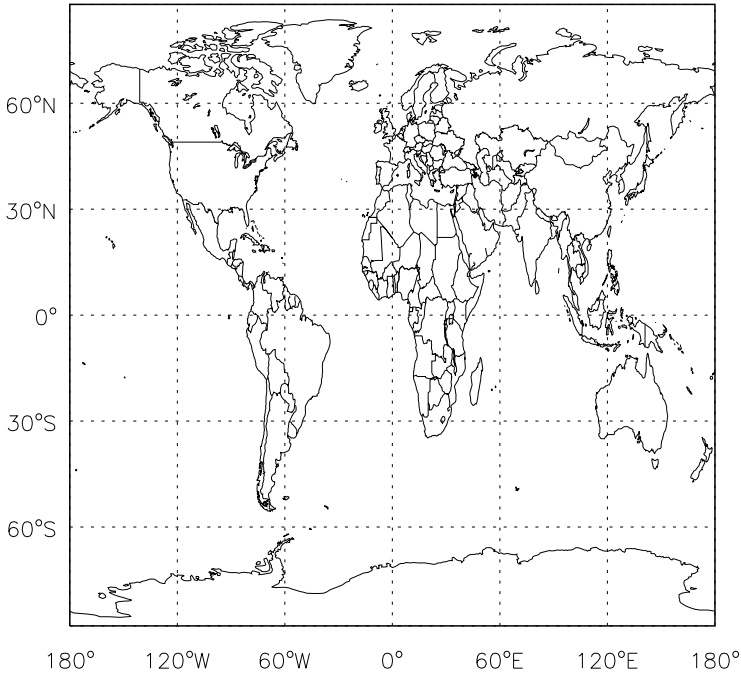


v11-01f-merra2-Run0 / v11-01d-Run1  
CFC11/ Ratio @ 500 hPa for Jul

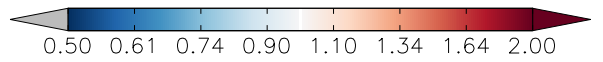
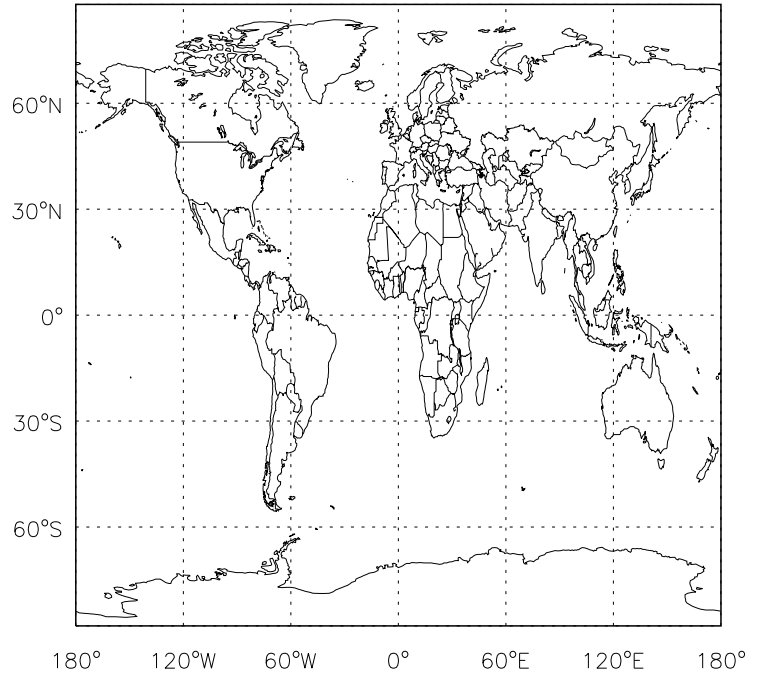


GEOS-Chem Ratio Maps at surface and 500 hPa

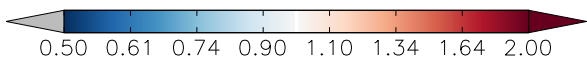
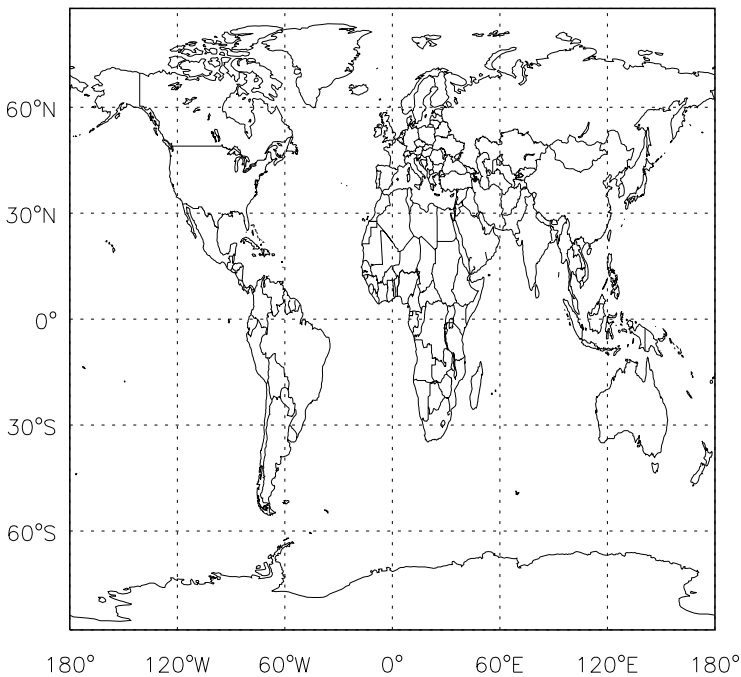
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CFC12 / Ratio @ Surface for Jul



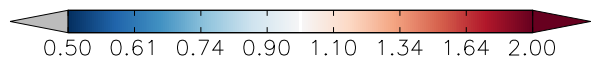
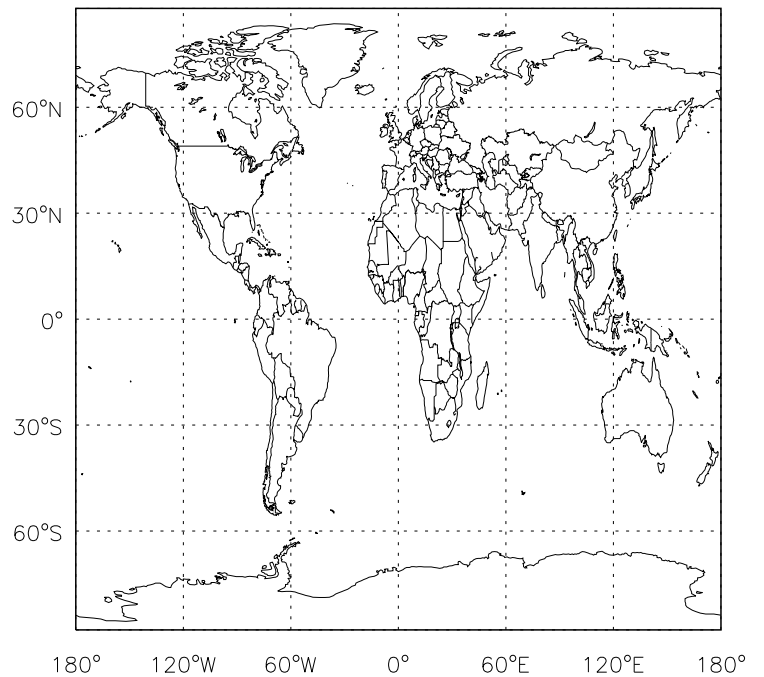
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CFC12/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CFC12 / Ratio @ Surface for Jul

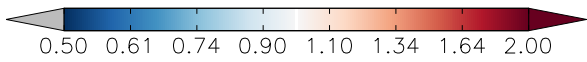
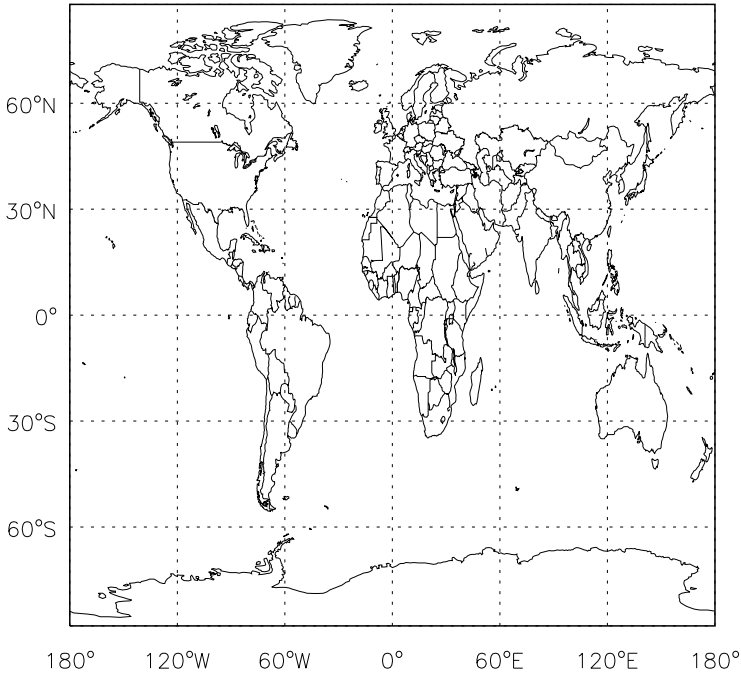


v11-01f-merra2-Run0 / v11-01d-Run1  
CFC12/ Ratio @ 500 hPa for Jul

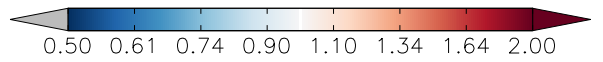
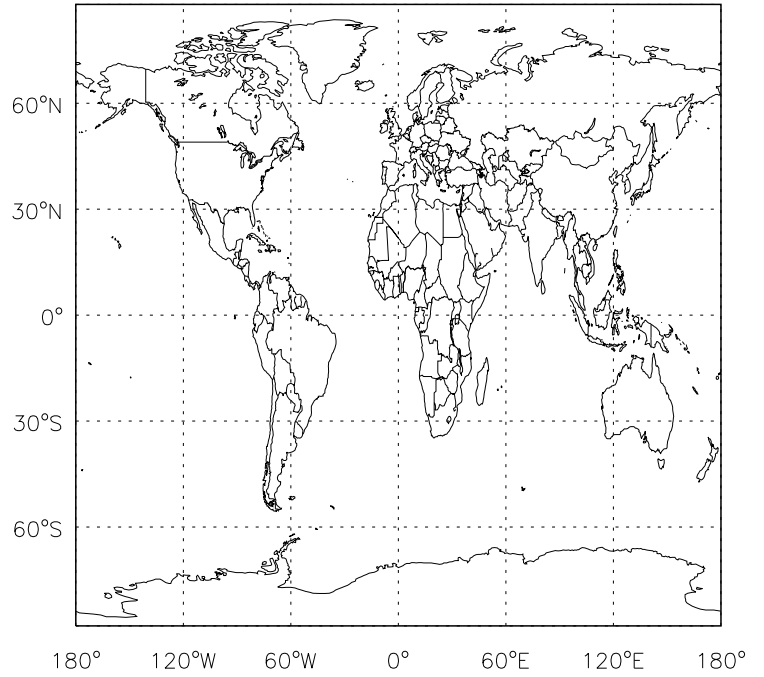


GEOS-Chem Ratio Maps at surface and 500 hPa

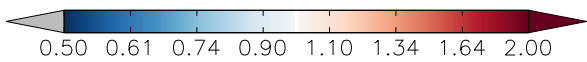
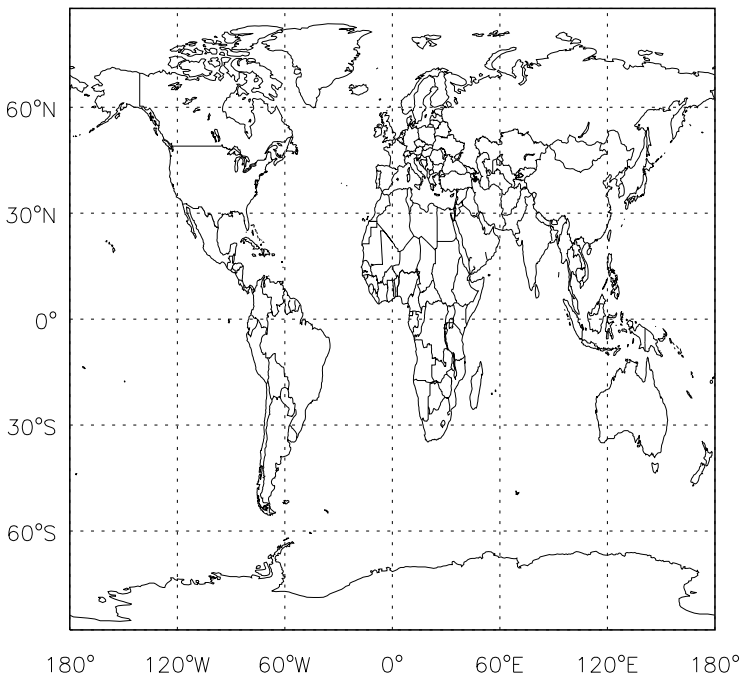
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HCFC22 / Ratio @ Surface for Jul



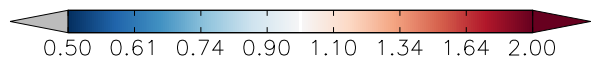
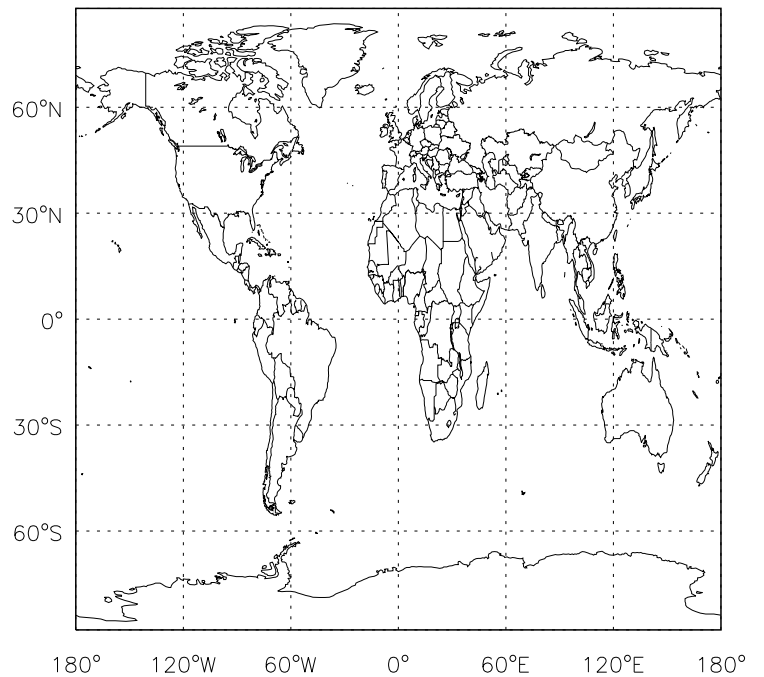
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HCFC22/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HCFC22 / Ratio @ Surface for Jul

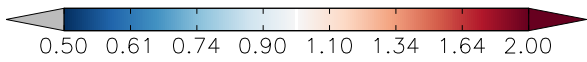
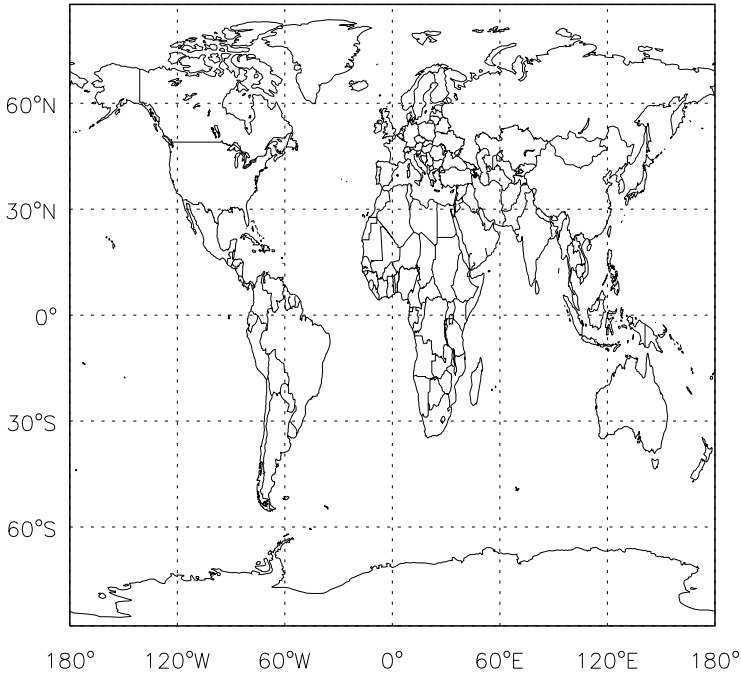


v11-01f-merra2-Run0 / v11-01d-Run1  
HCFC22/ Ratio @ 500 hPa for Jul

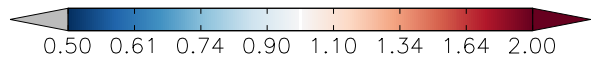
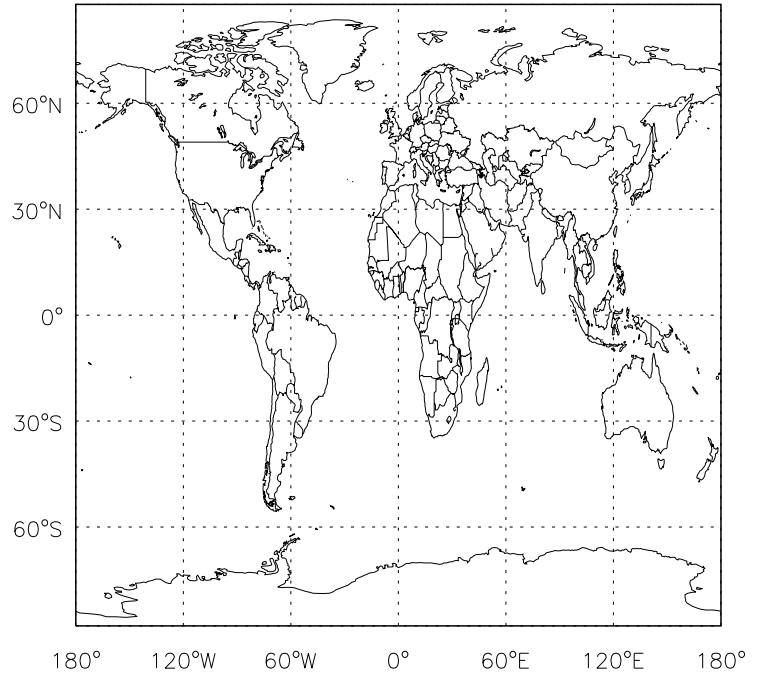


# GEOS-Chem Ratio Maps at surface and 500 hPa

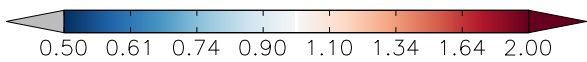
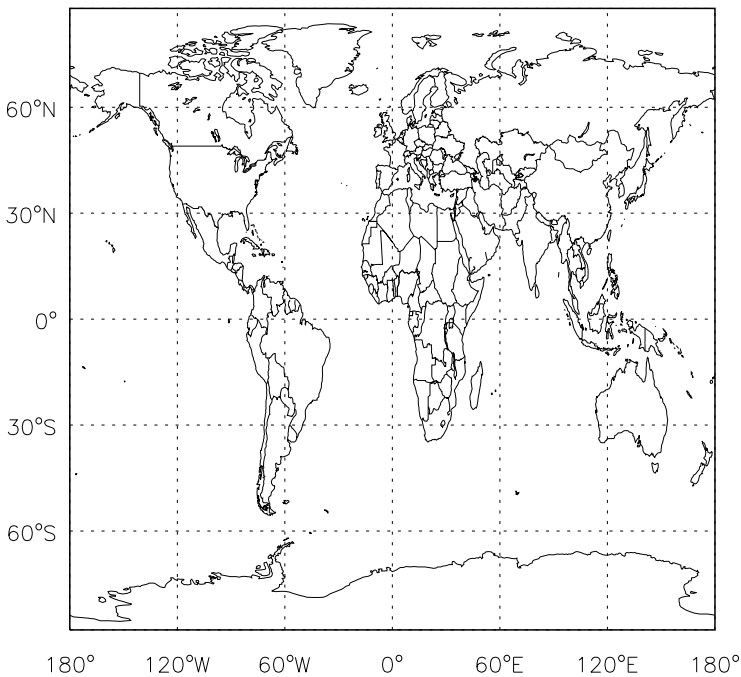
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H1211 / Ratio @ Surface for Jul



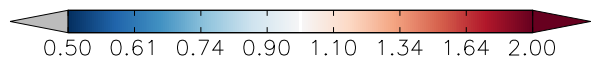
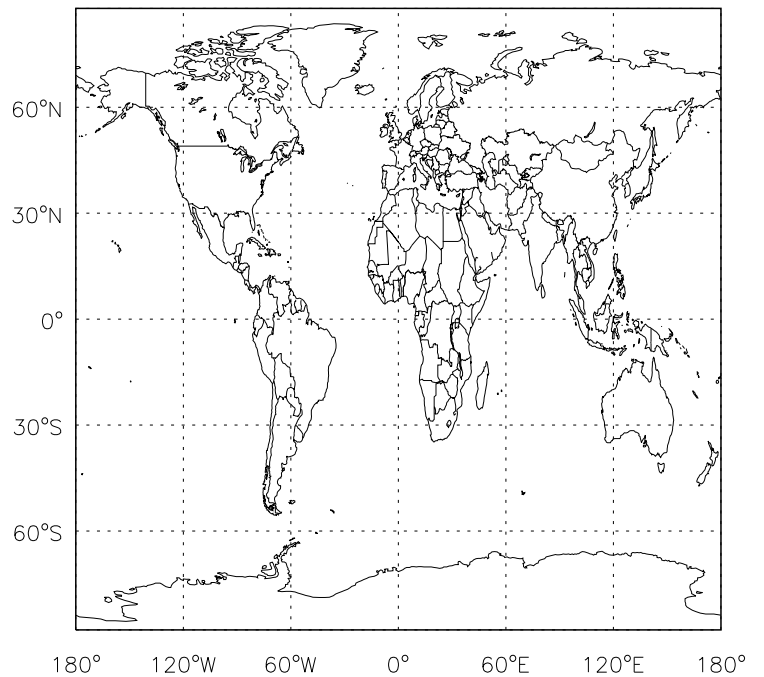
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H1211/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H1211 / Ratio @ Surface for Jul



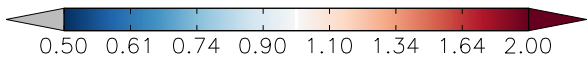
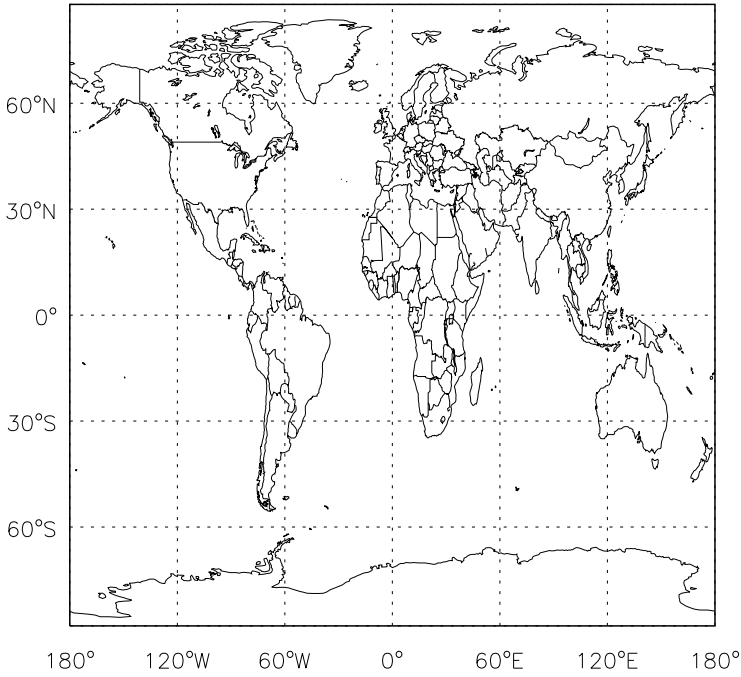
v11-01f-merra2-Run0 / v11-01d-Run1  
H1211/ Ratio @ 500 hPa for Jul



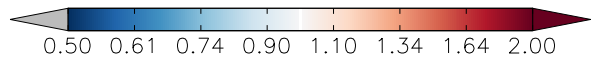
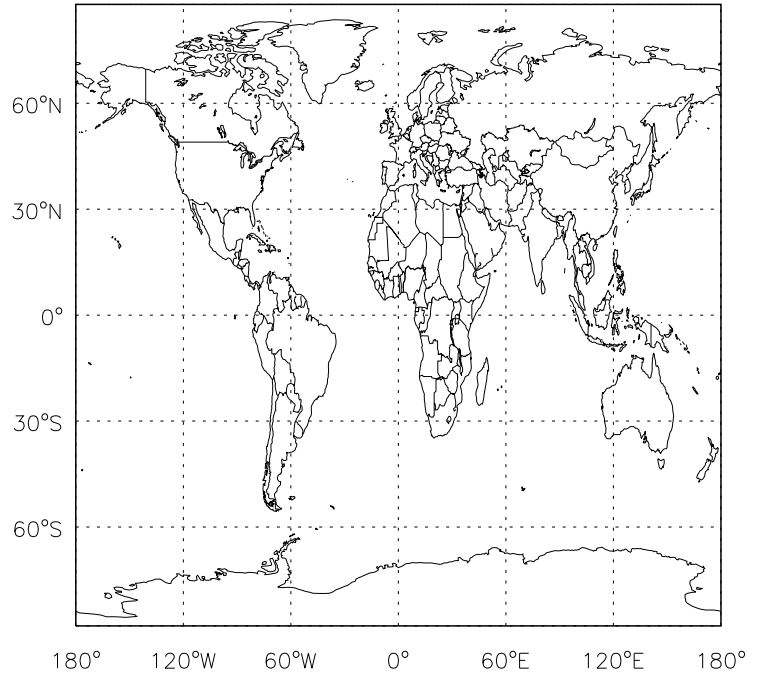


GEOS-Chem Ratio Maps at surface and 500 hPa

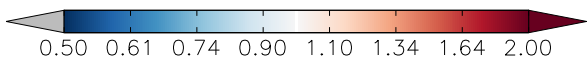
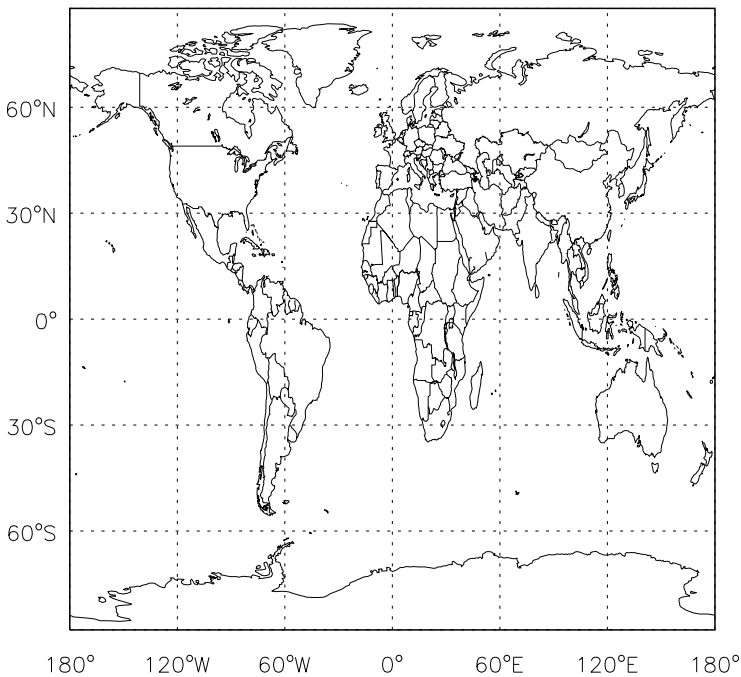
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H1301 / Ratio @ Surface for Jul



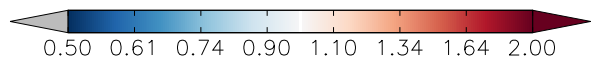
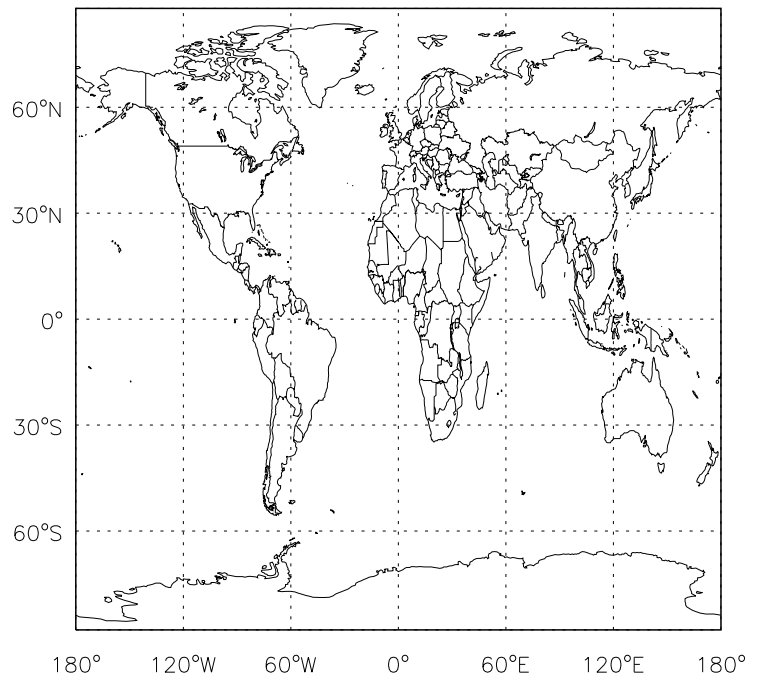
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H1301/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H1301 / Ratio @ Surface for Jul

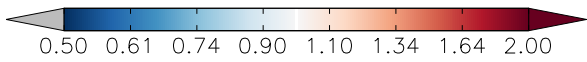
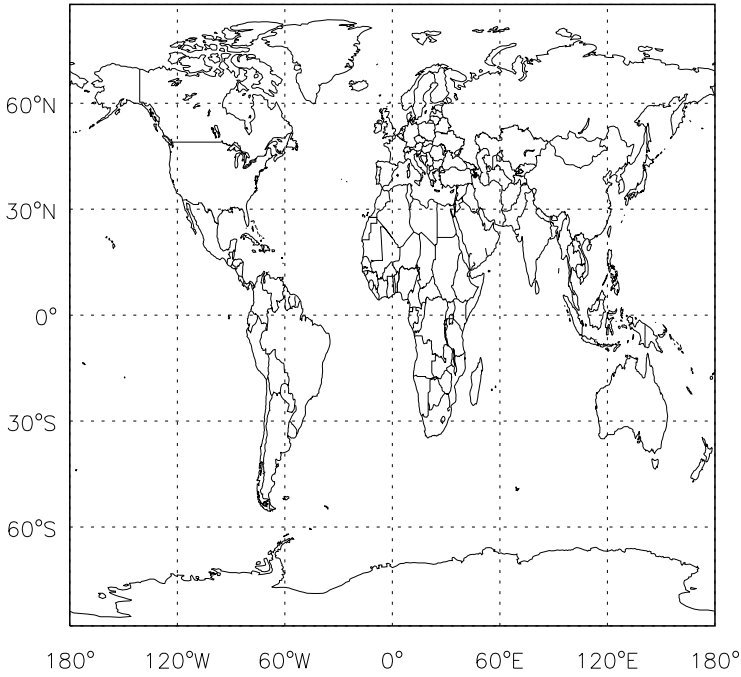


v11-01f-merra2-Run0 / v11-01d-Run1  
H1301/ Ratio @ 500 hPa for Jul

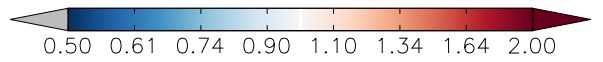
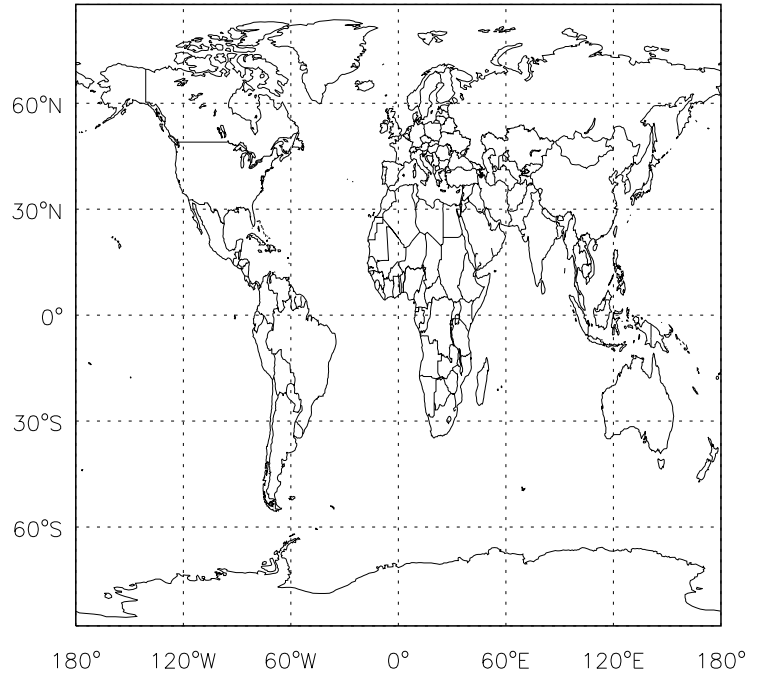


# GEOS-Chem Ratio Maps at surface and 500 hPa

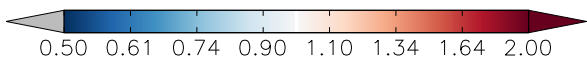
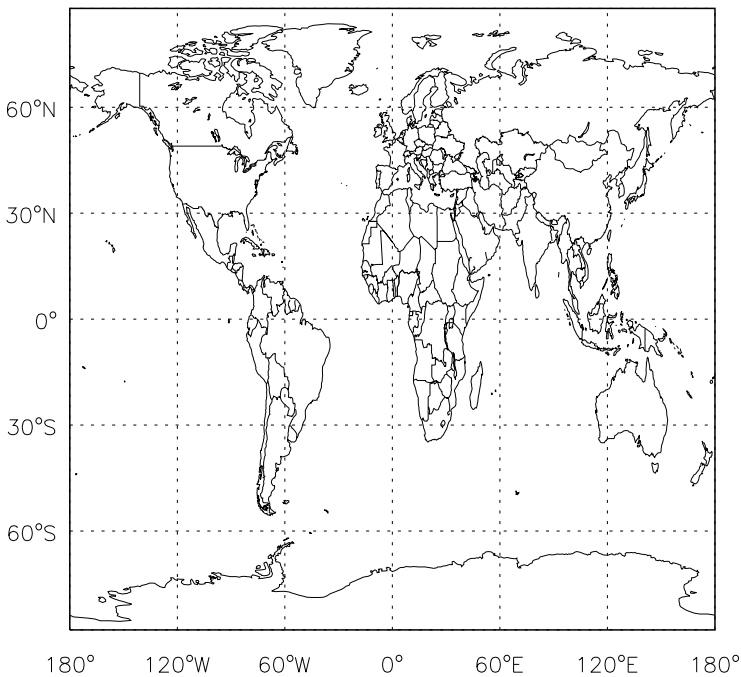
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2402 / Ratio @ Surface for Jul



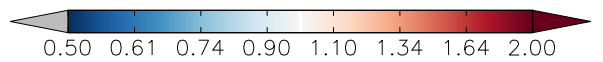
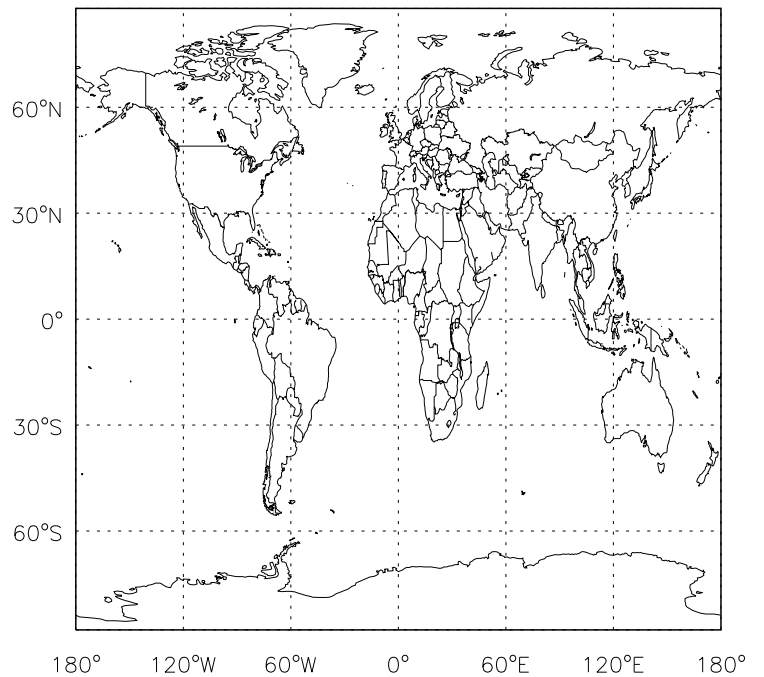
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2402/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H2402 / Ratio @ Surface for Jul



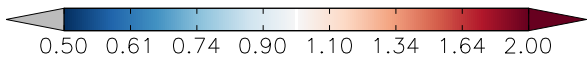
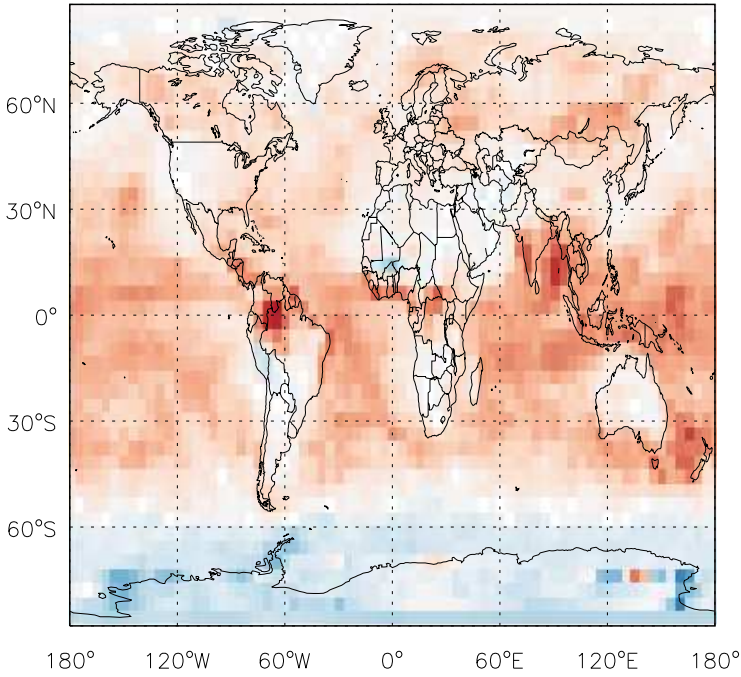
v11-01f-merra2-Run0 / v11-01d-Run1  
H2402/ Ratio @ 500 hPa for Jul



GEOS-Chem Ratio Maps at surface and 500 hPa

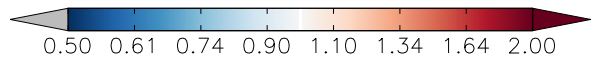
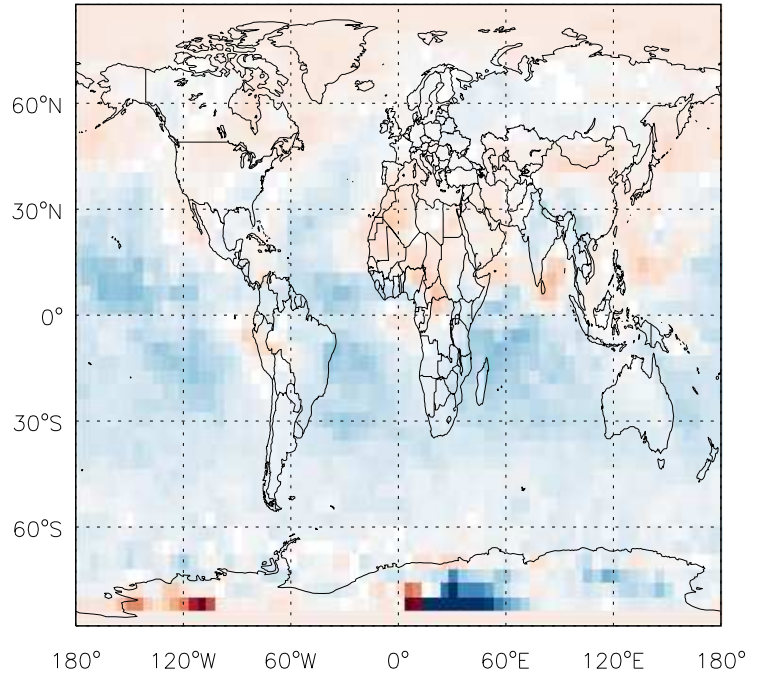
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0

Cl / Ratio @ Surface for Jul



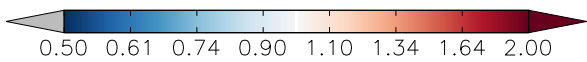
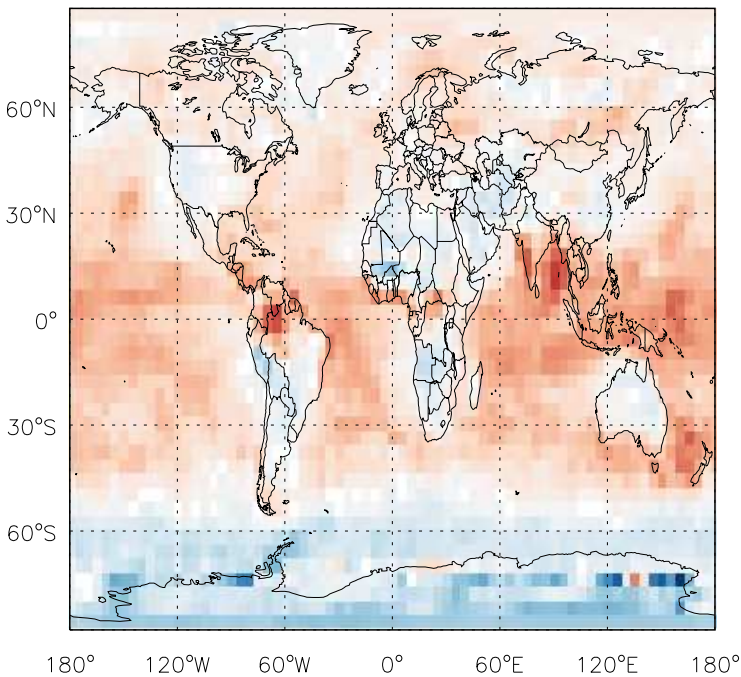
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Cl / Ratio @ 500 hPa for Jul



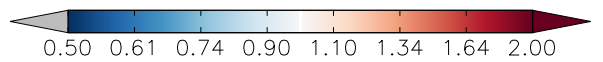
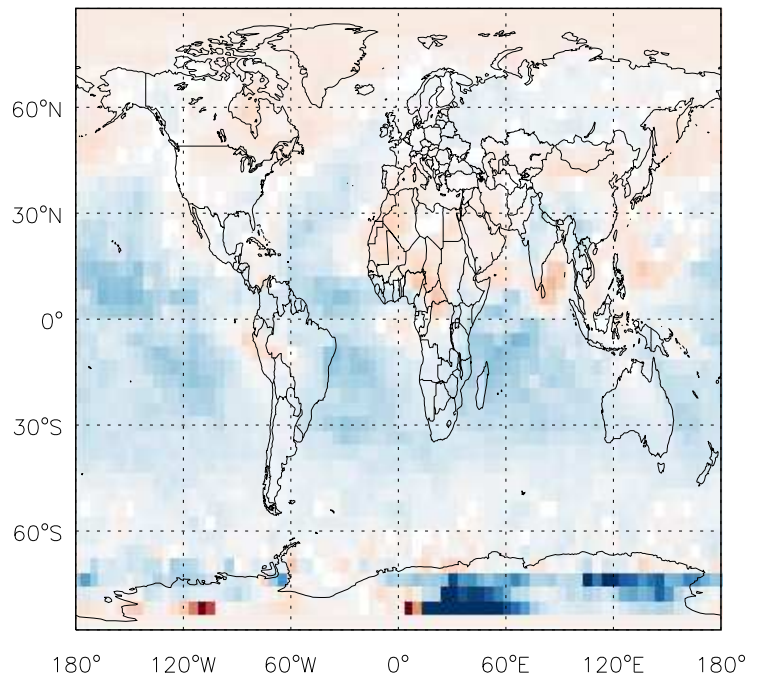
v11-01f-merra2-Run0 / v11-01d-Run1

Cl / Ratio @ Surface for Jul



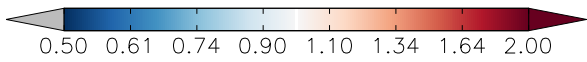
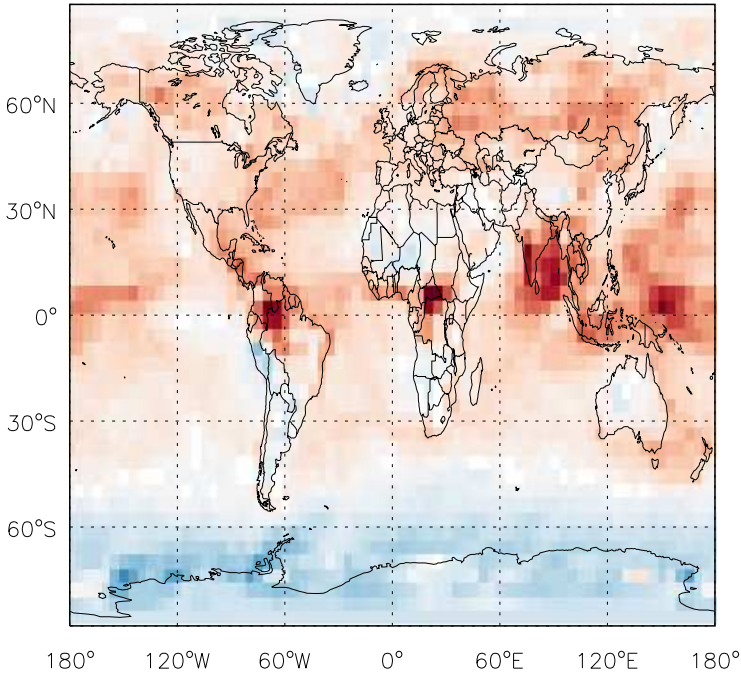
v11-01f-merra2-Run0 / v11-01d-Run1

Cl / Ratio @ 500 hPa for Jul

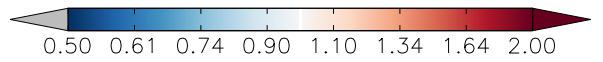
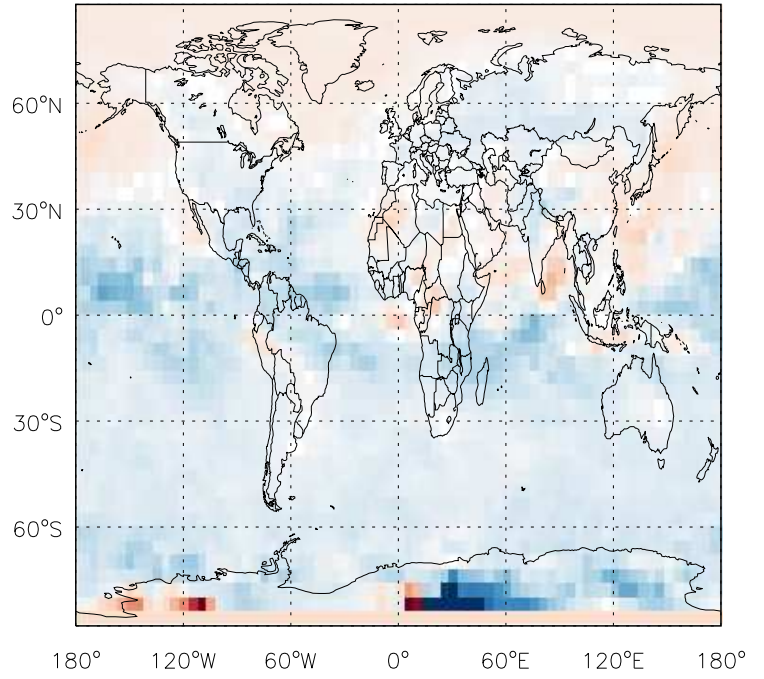


# GEOS-Chem Ratio Maps at surface and 500 hPa

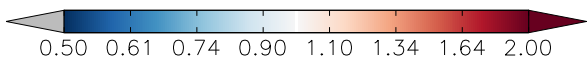
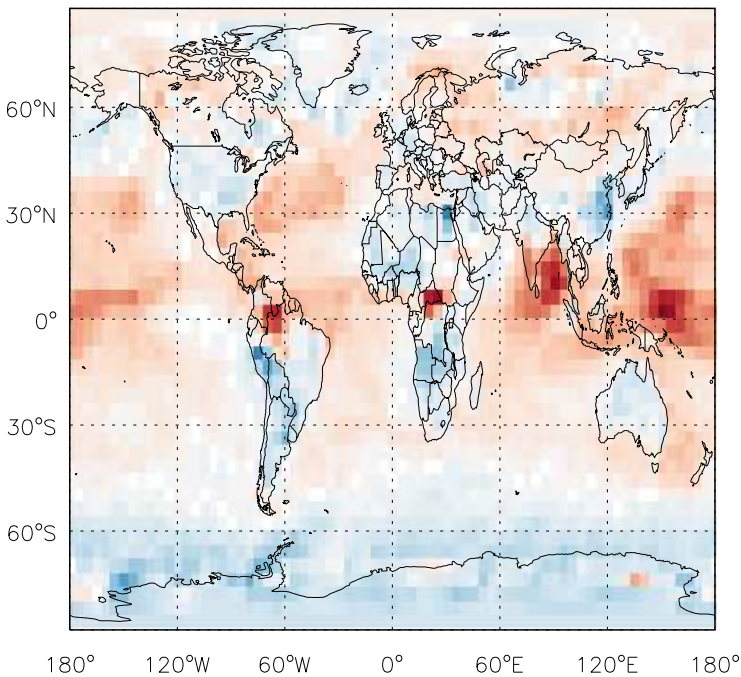
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ClO / Ratio @ Surface for Jul



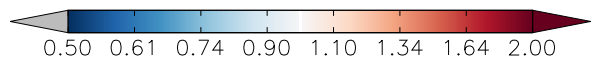
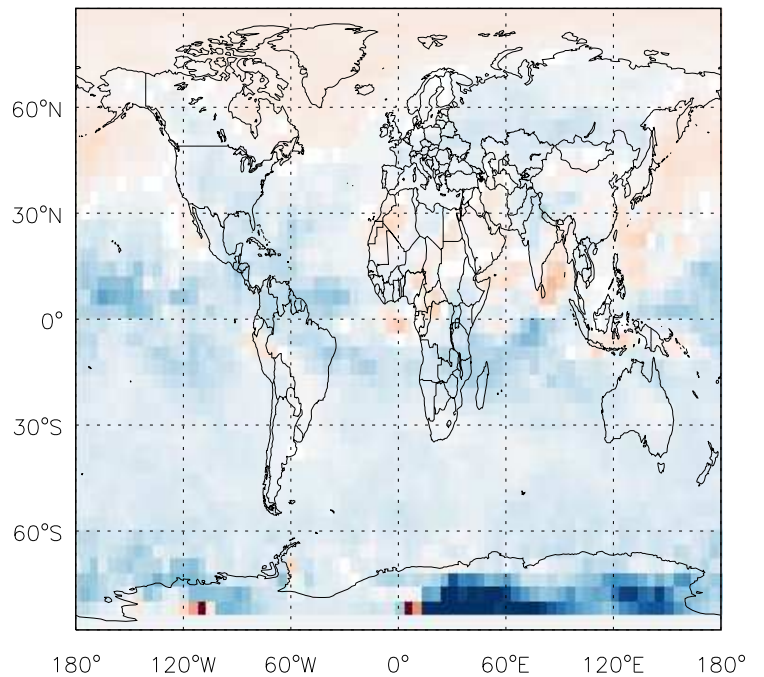
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ClO / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ClO / Ratio @ Surface for Jul

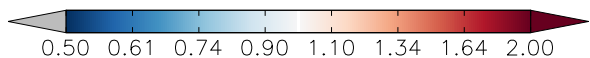
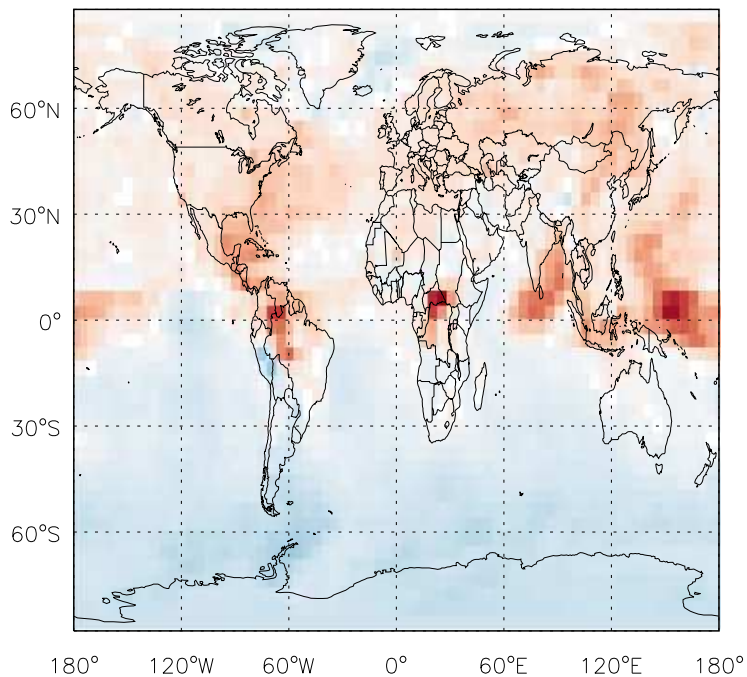


v11-01f-merra2-Run0 / v11-01d-Run1  
ClO / Ratio @ 500 hPa for Jul

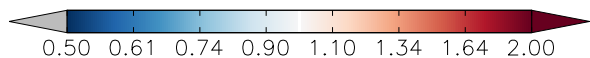
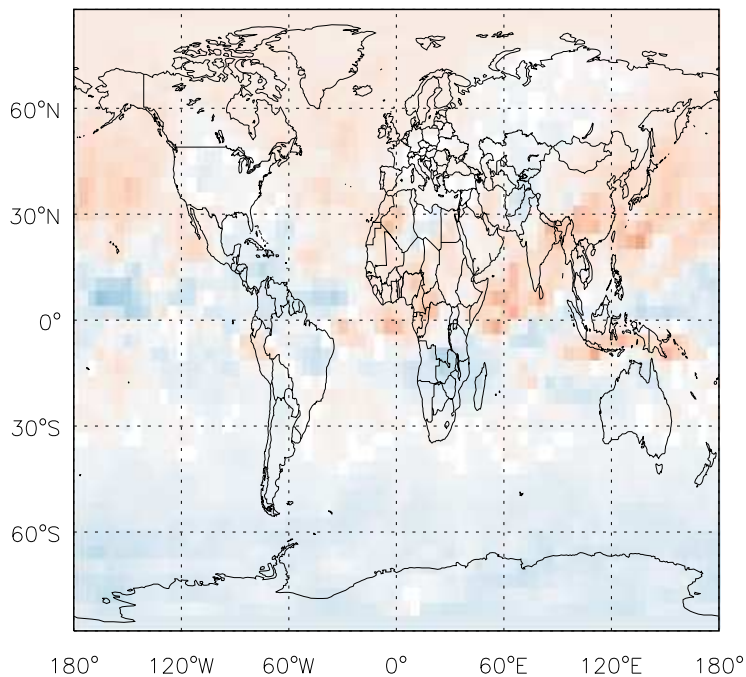


# GEOS-Chem Ratio Maps at surface and 500 hPa

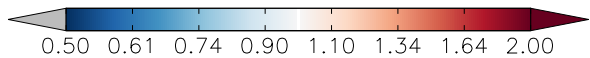
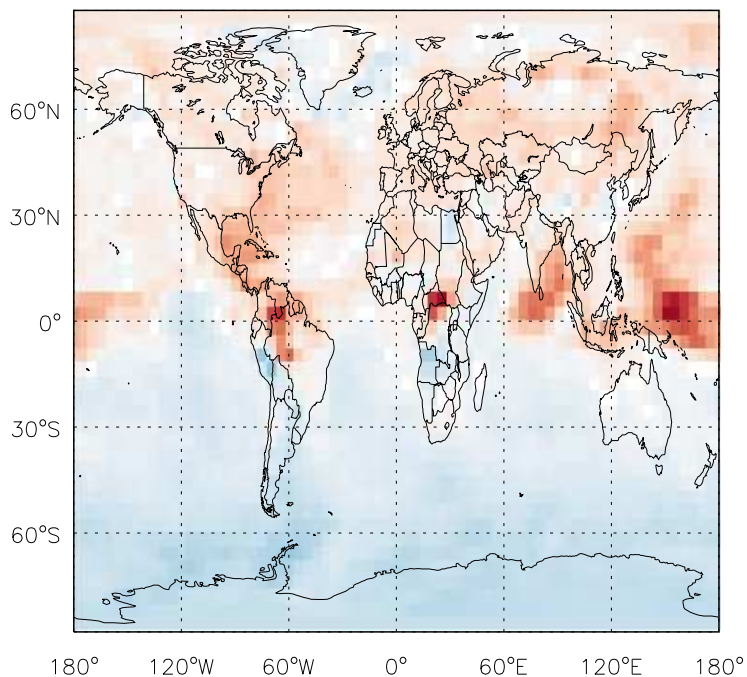
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HOCl / Ratio @ Surface for Jul



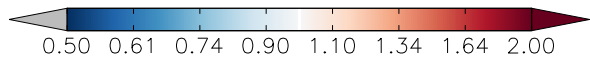
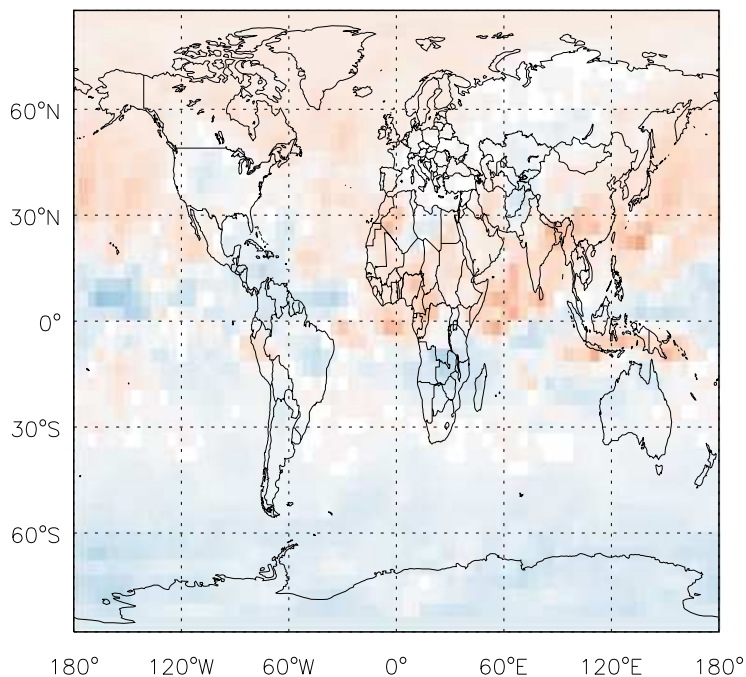
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
HOCl/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
HOCl / Ratio @ Surface for Jul

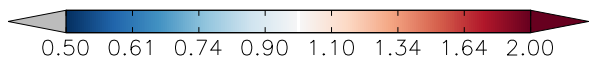
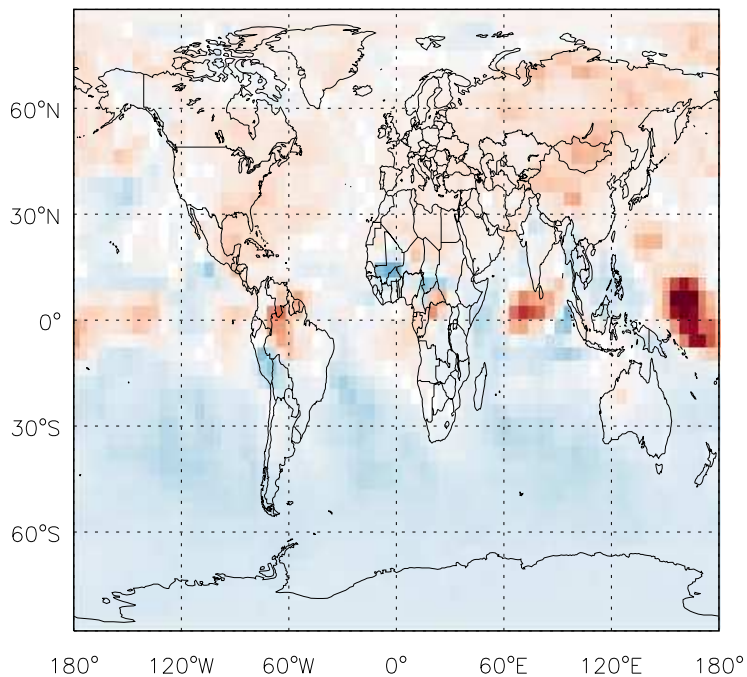


v11-01f-merra2-Run0 / v11-01d-Run1  
HOCl/ Ratio @ 500 hPa for Jul

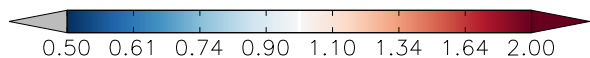
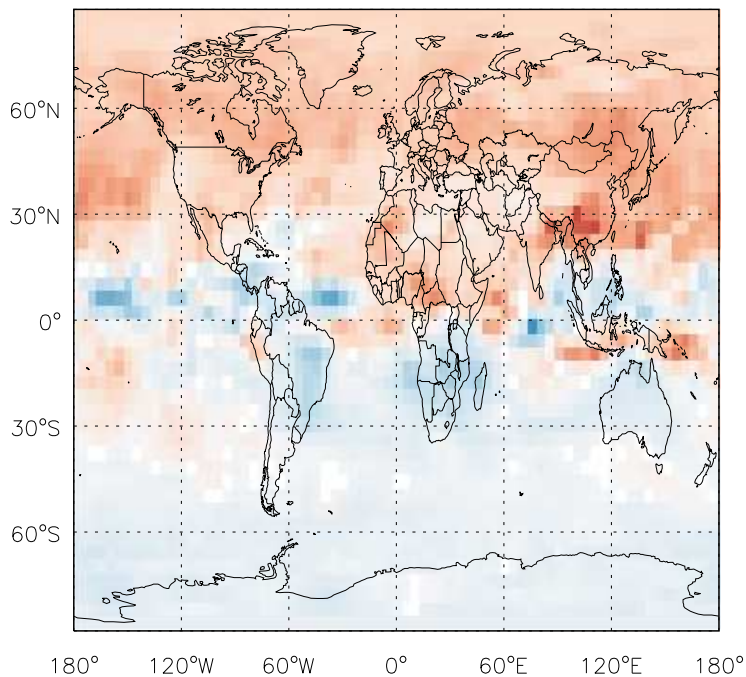


# GEOS-Chem Ratio Maps at surface and 500 hPa

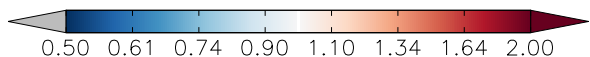
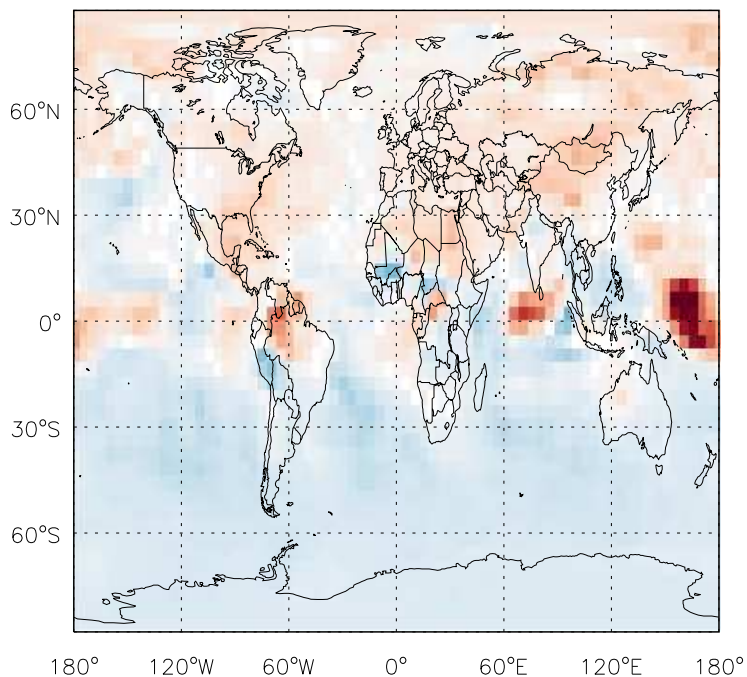
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CIN03 / Ratio @ Surface for Jul



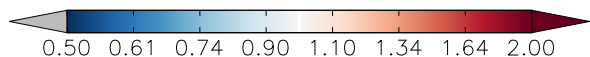
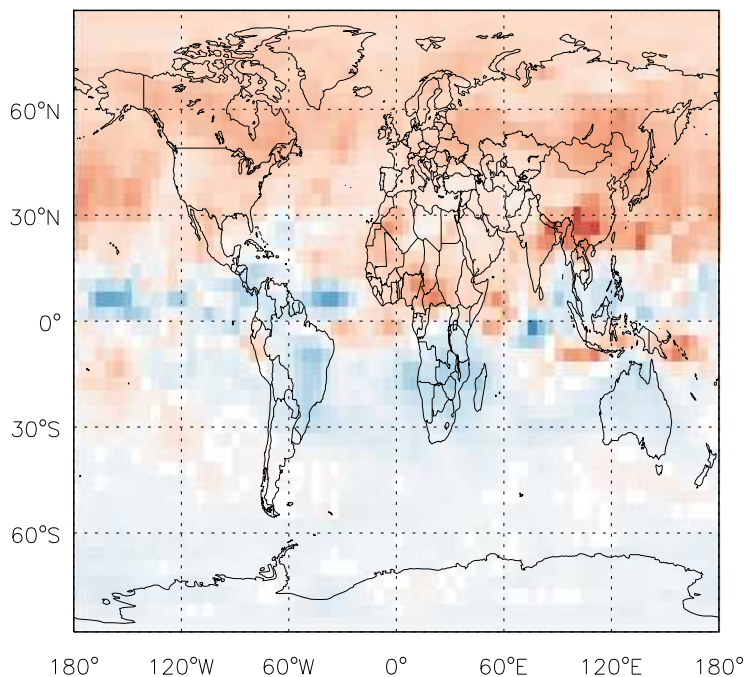
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CIN03/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CIN03 / Ratio @ Surface for Jul

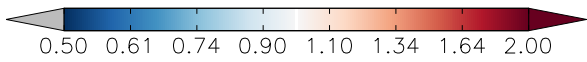
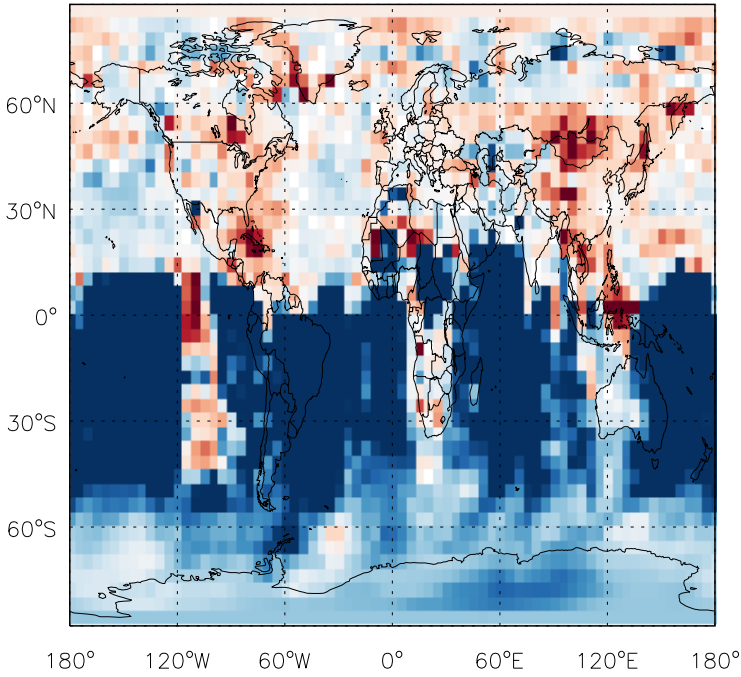


v11-01f-merra2-Run0 / v11-01d-Run1  
CIN03/ Ratio @ 500 hPa for Jul

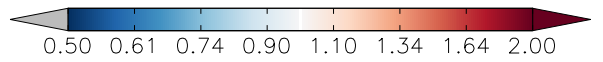
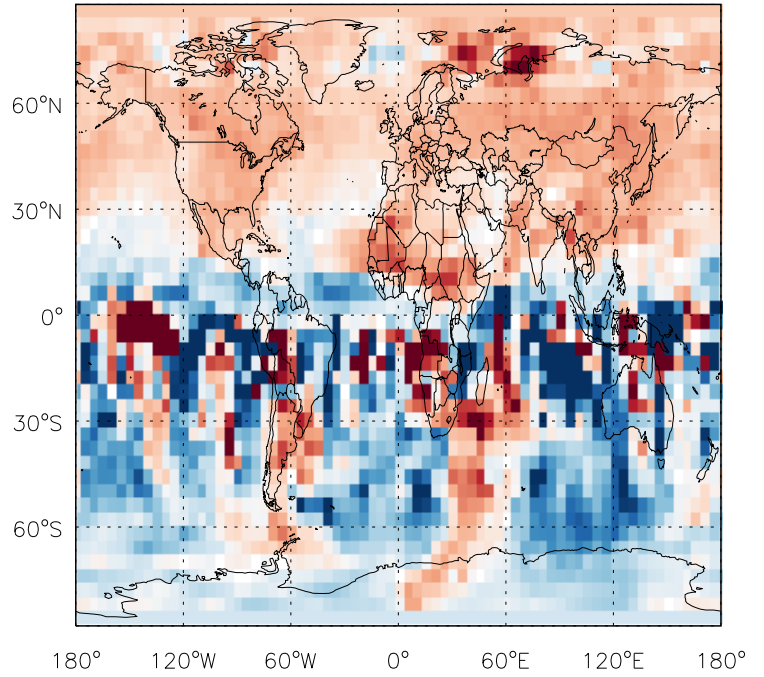


GEOS-Chem Ratio Maps at surface and 500 hPa

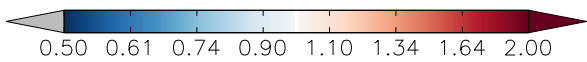
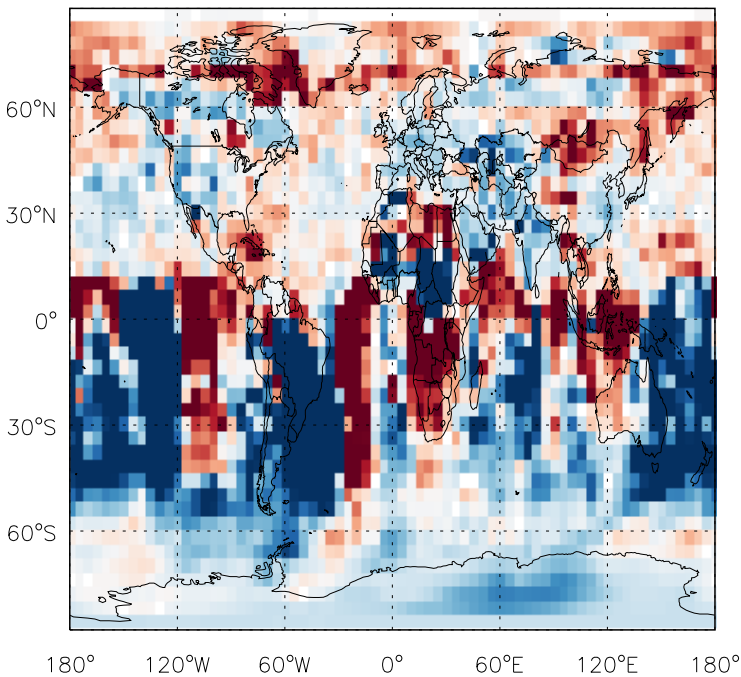
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CIN02 / Ratio @ Surface for Jul



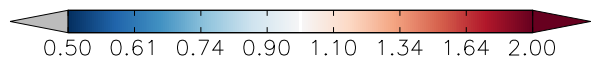
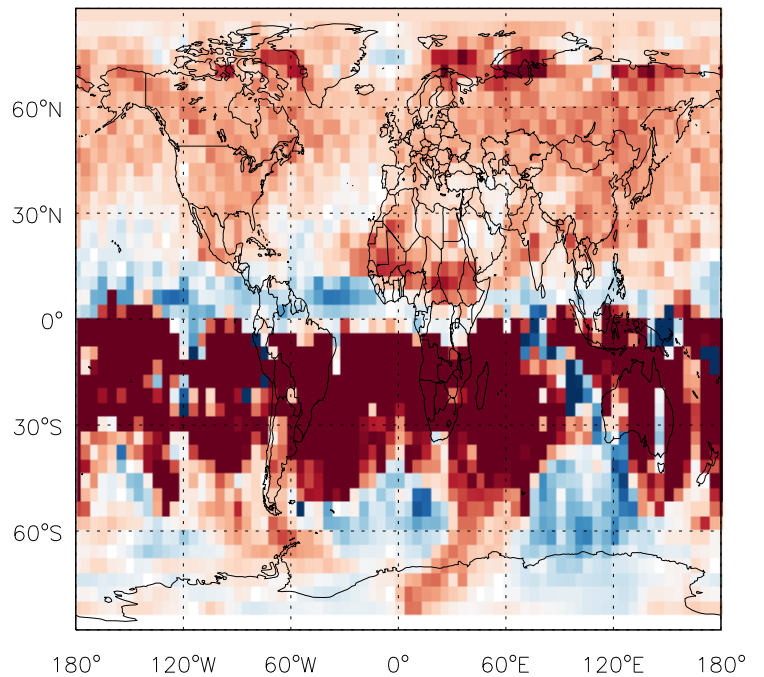
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
CIN02/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
CIN02 / Ratio @ Surface for Jul

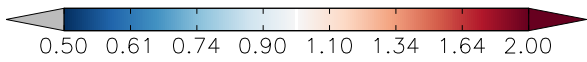
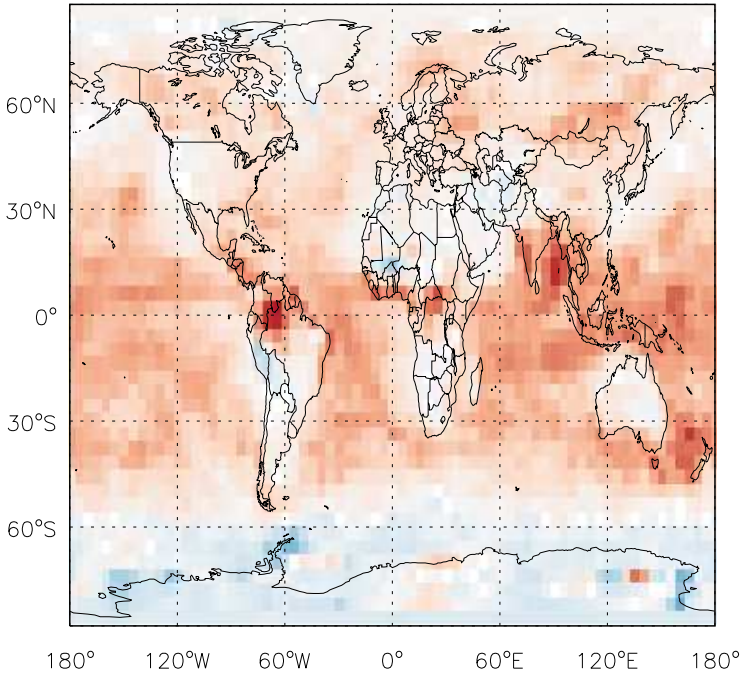


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CIN02/ Ratio @ 500 hPa for Jul

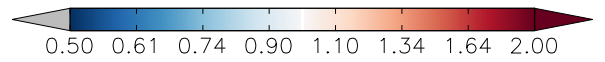
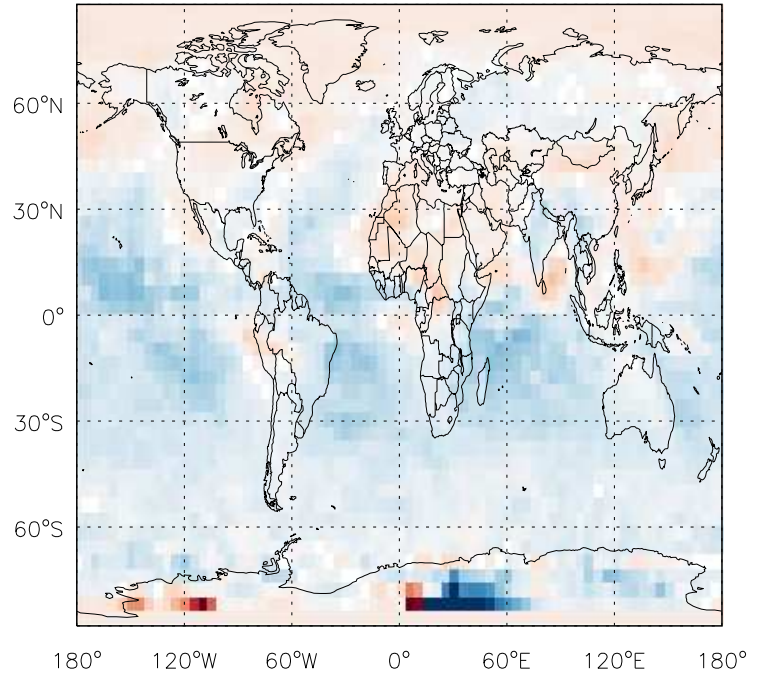


# GEOS-Chem Ratio Maps at surface and 500 hPa

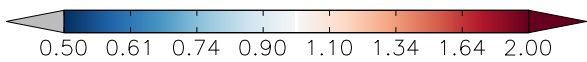
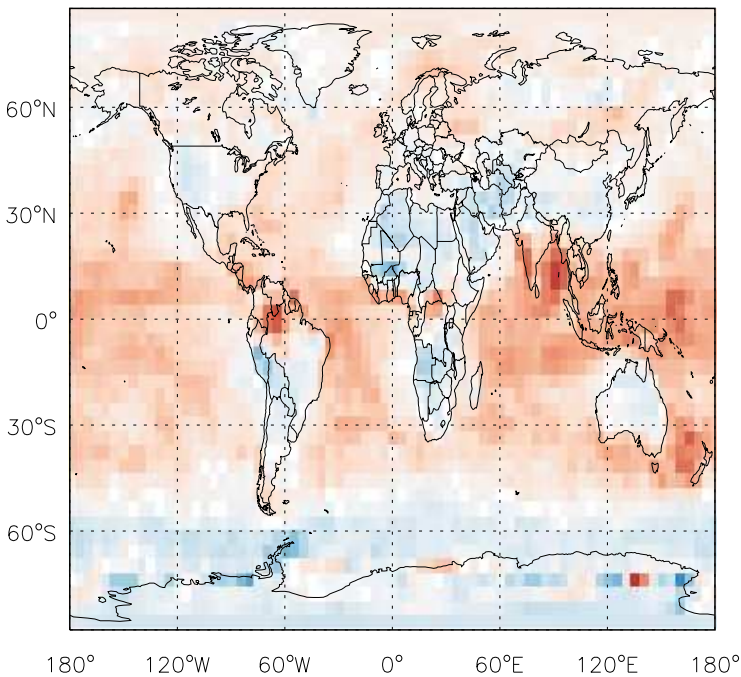
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ClO0 / Ratio @ Surface for Jul



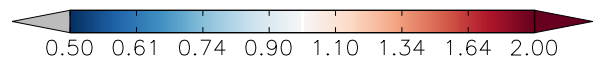
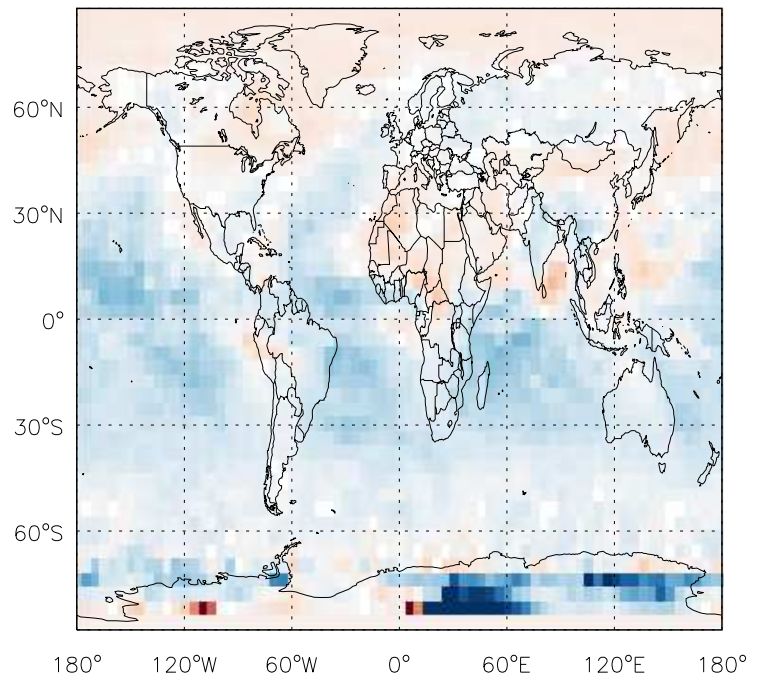
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
ClO0/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
ClO0 / Ratio @ Surface for Jul



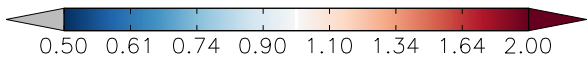
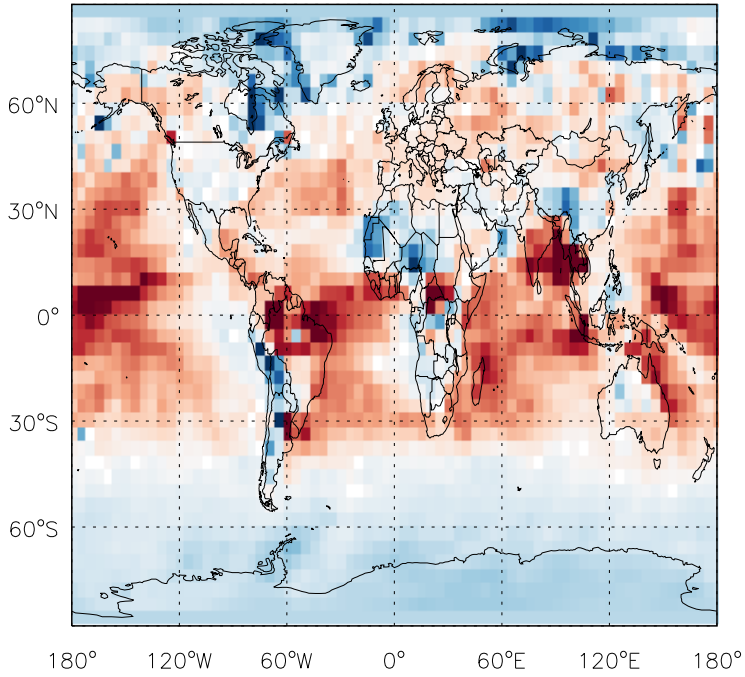
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ClO0/ Ratio @ 500 hPa for Jul



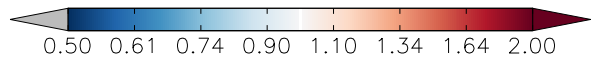
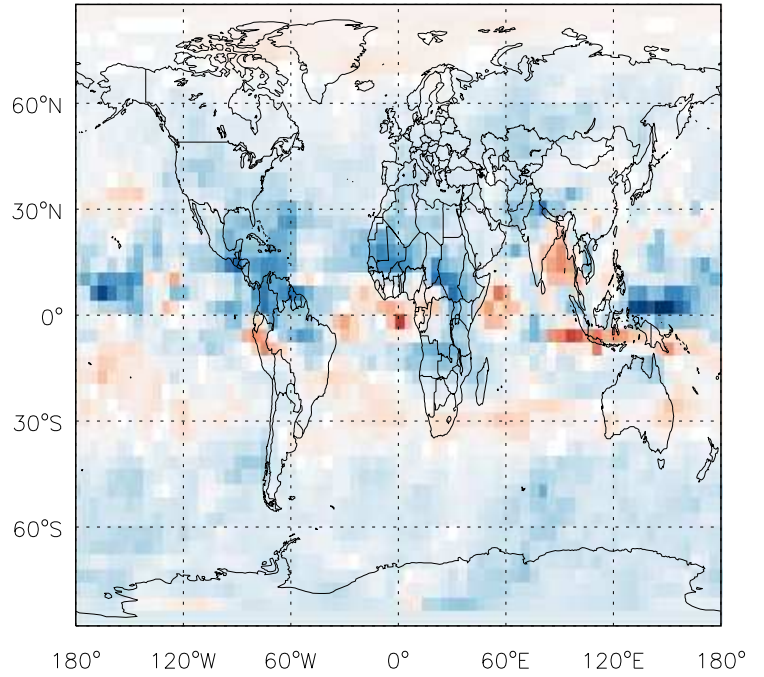


# GEOS-Chem Ratio Maps at surface and 500 hPa

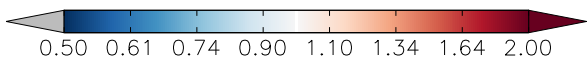
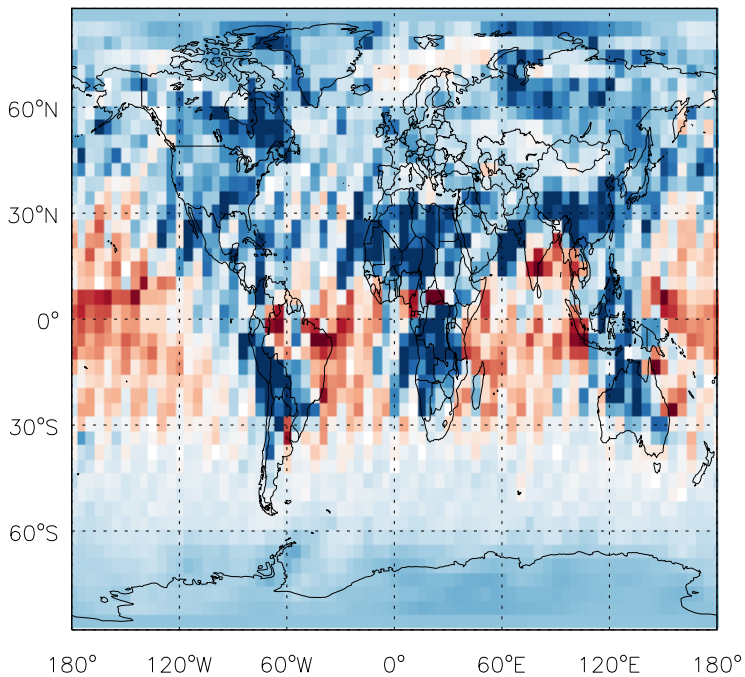
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCIO / Ratio @ Surface for Jul



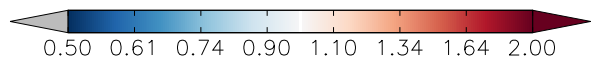
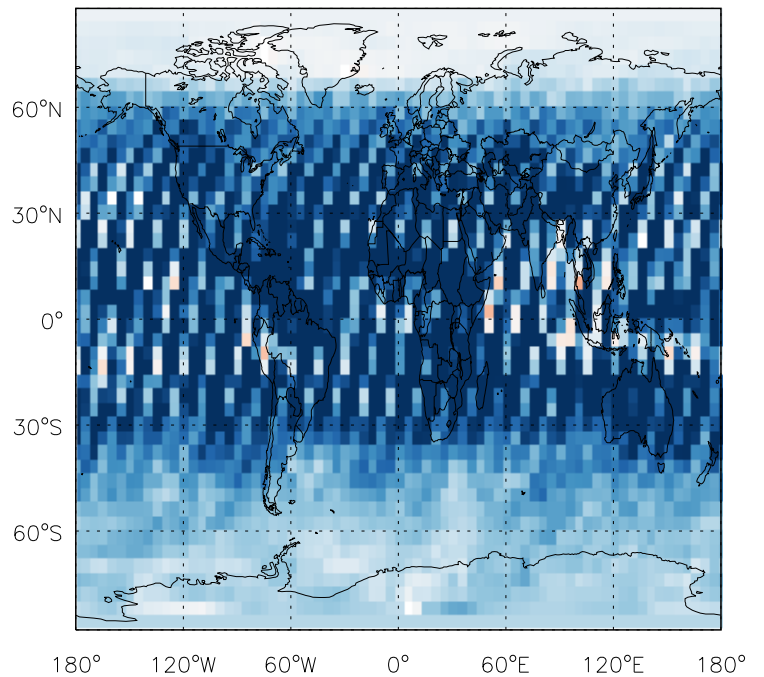
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OCIO/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
OCIO / Ratio @ Surface for Jul

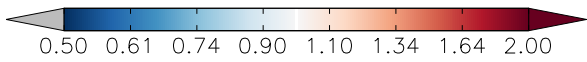
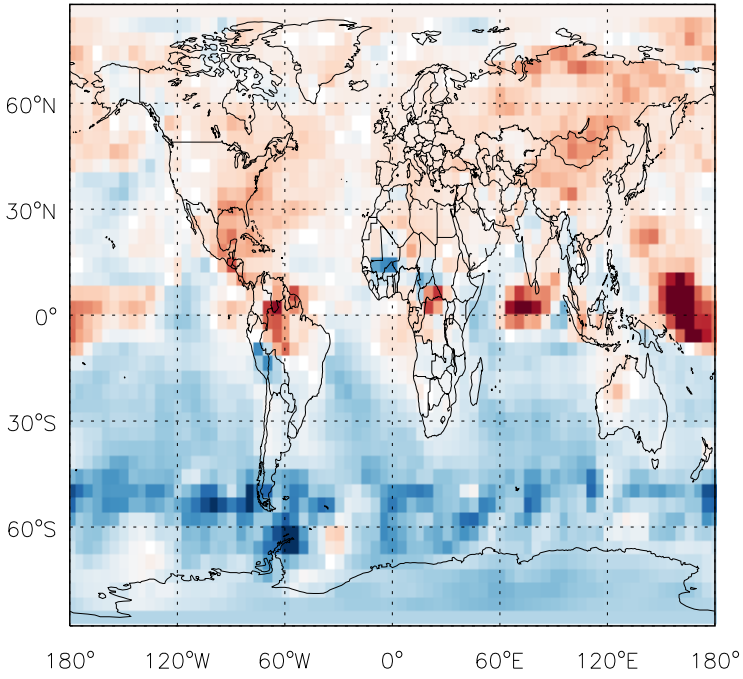


v11-01f-merra2-Run0 / v11-01d-Run1  
OCIO/ Ratio @ 500 hPa for Jul

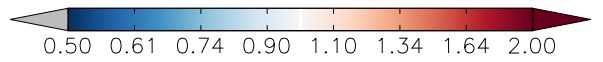
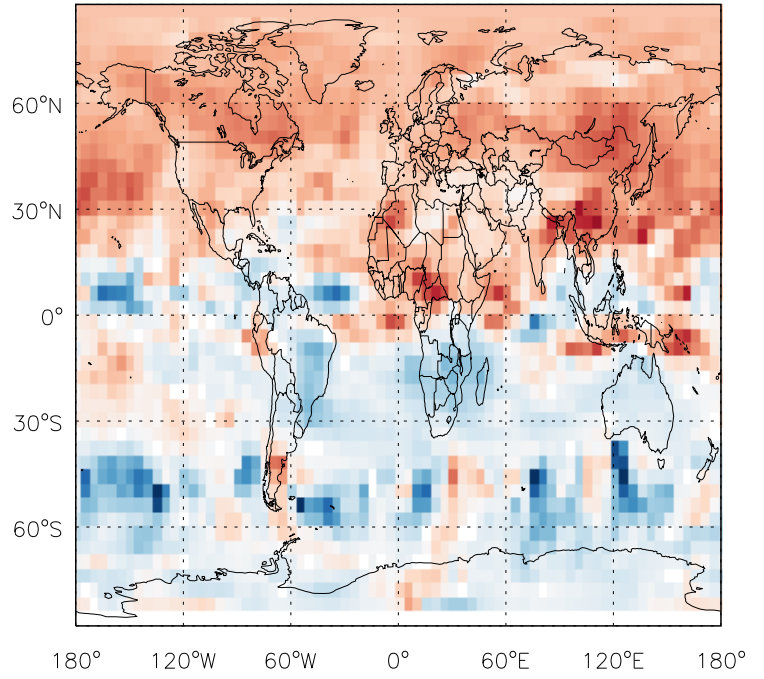


# GEOS-Chem Ratio Maps at surface and 500 hPa

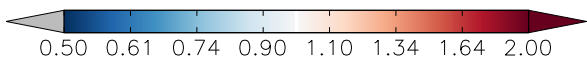
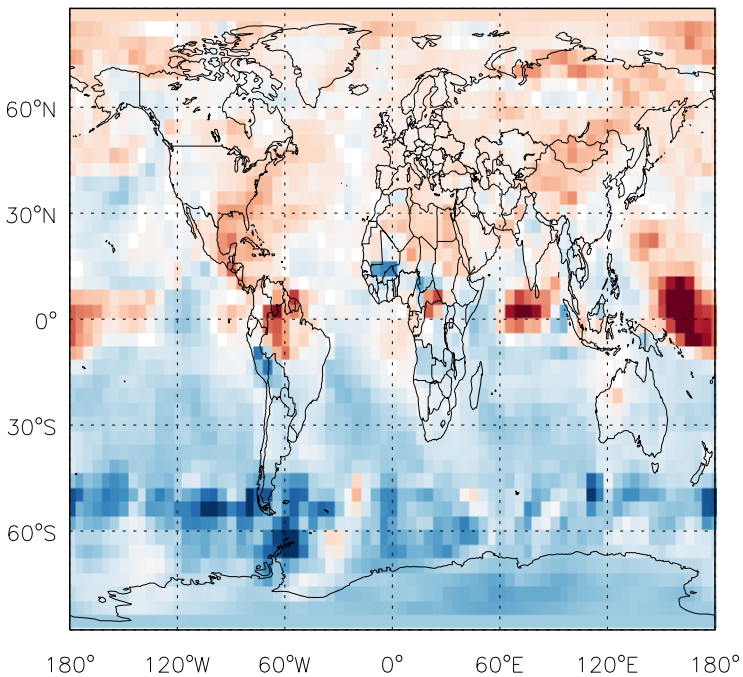
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
Cl2 / Ratio @ Surface for Jul



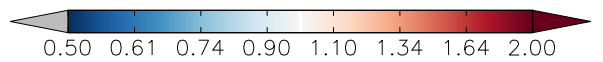
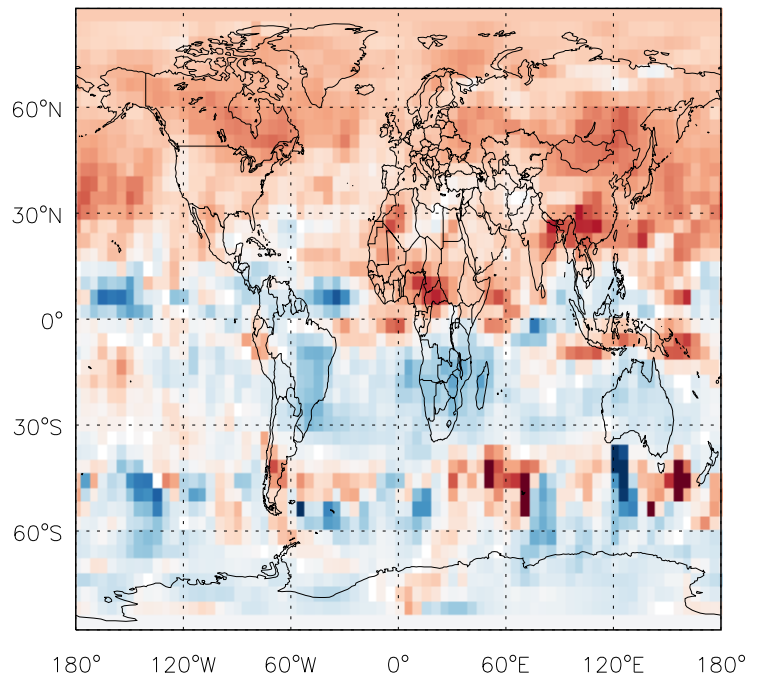
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
Cl2 / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
Cl2 / Ratio @ Surface for Jul

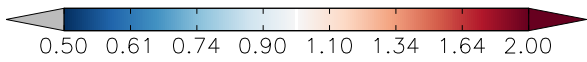
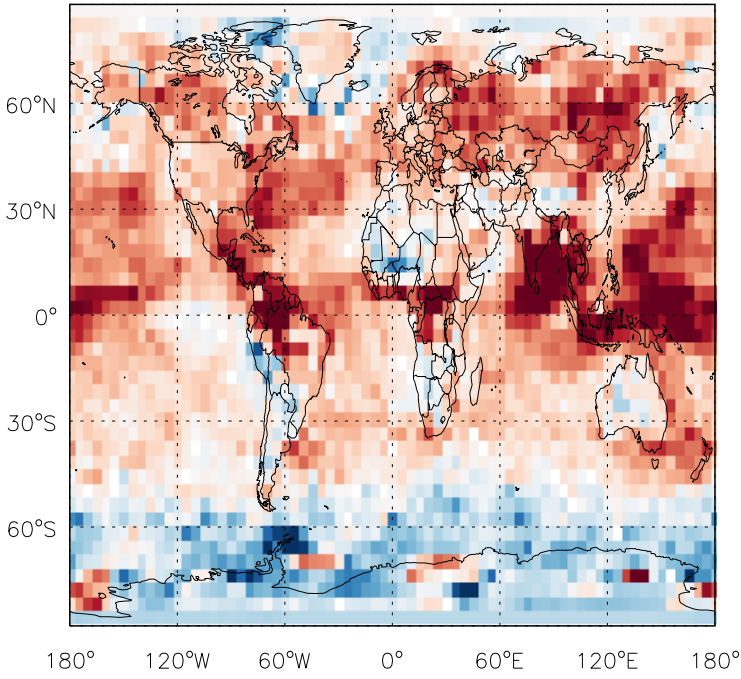


v11-01f-merra2-Run0 / v11-01d-Run1  
Cl2 / Ratio @ 500 hPa for Jul

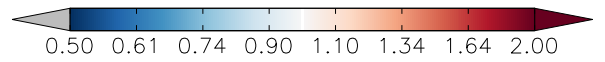
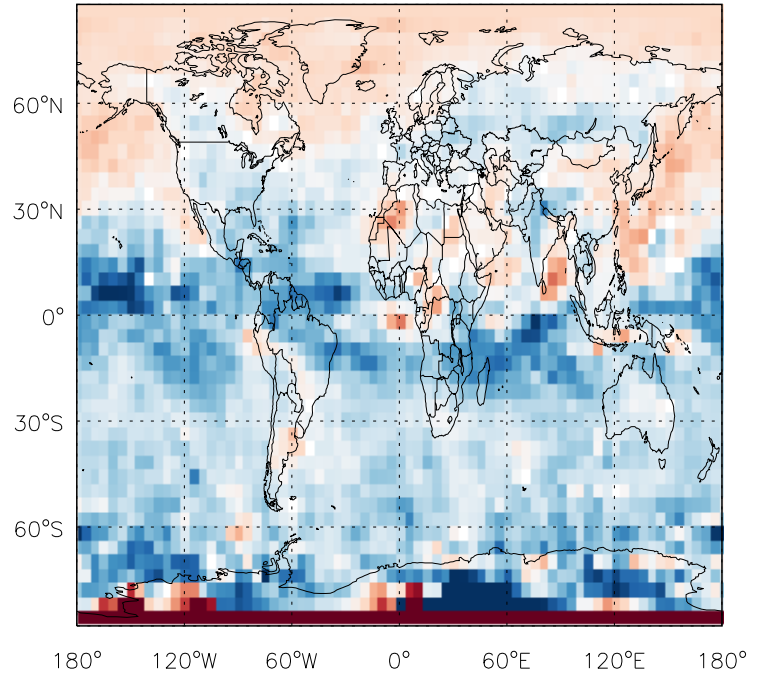


GEOS-Chem Ratio Maps at surface and 500 hPa

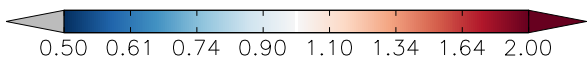
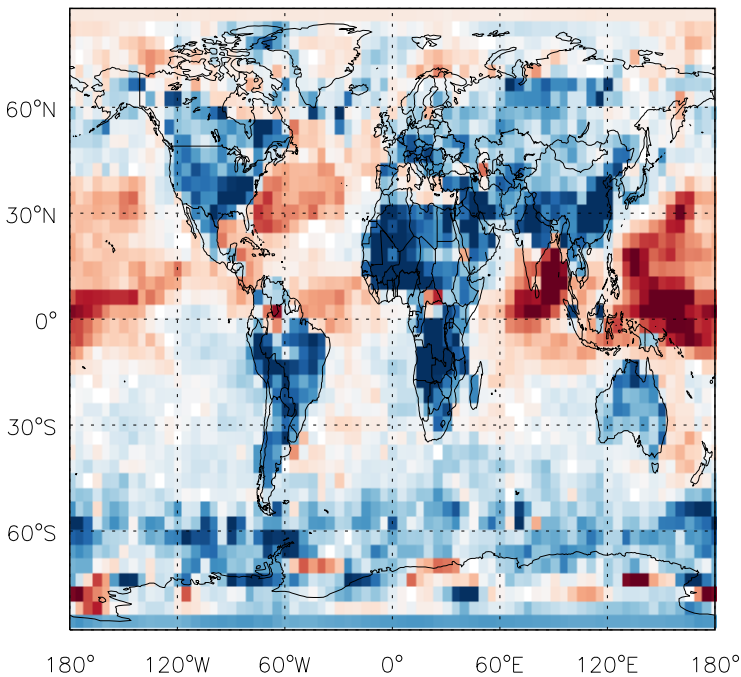
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
Cl2O2 / Ratio @ Surface for Jul



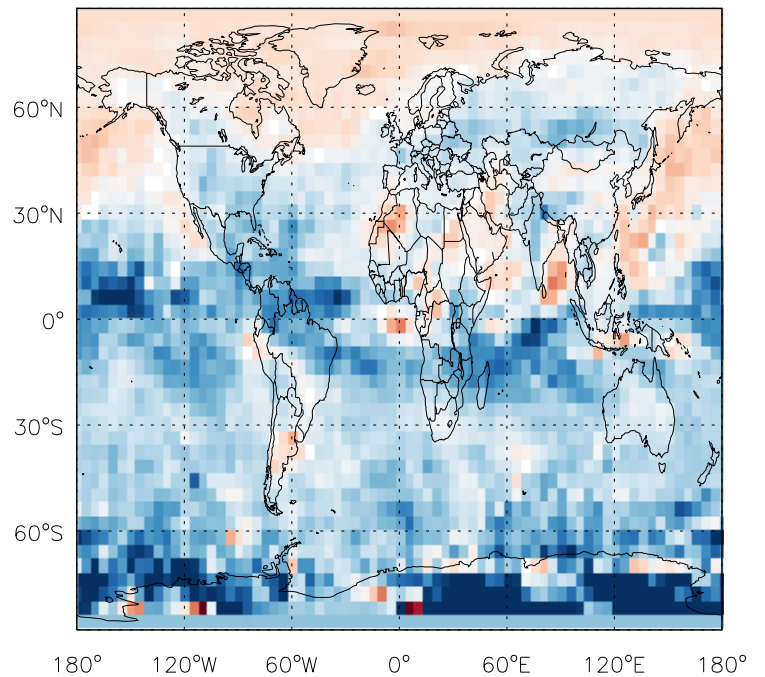
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
Cl2O2/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
Cl2O2 / Ratio @ Surface for Jul

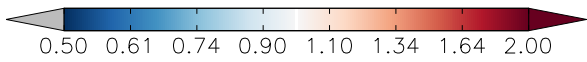
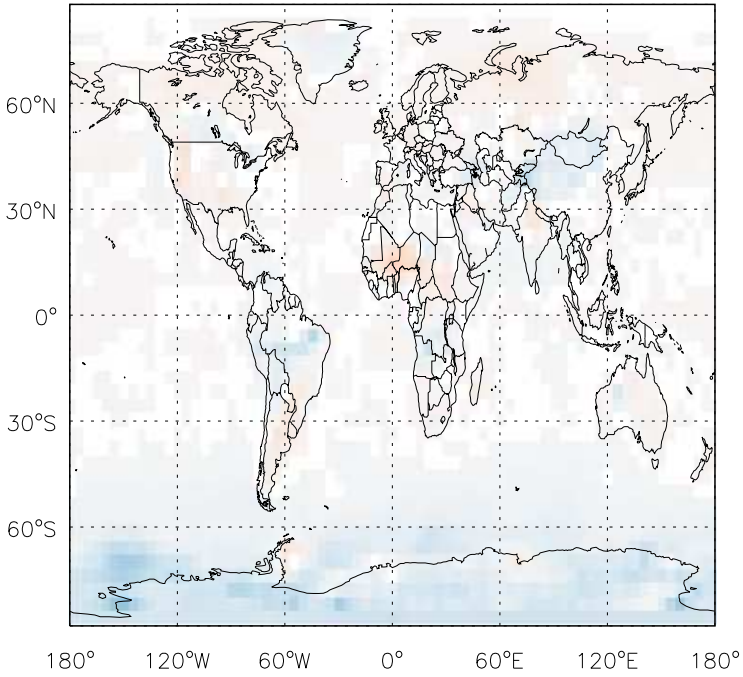


v11-01f-merra2-Run0 / v11-01d-Run1  
Cl2O2/ Ratio @ 500 hPa for Jul

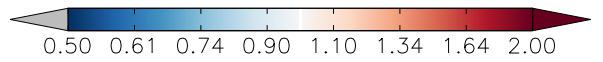
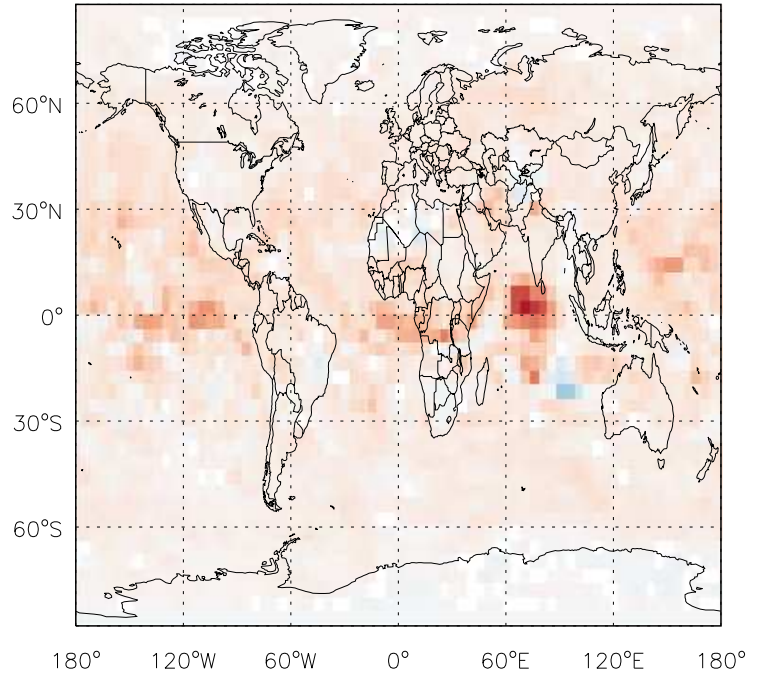


# GEOS-Chem Ratio Maps at surface and 500 hPa

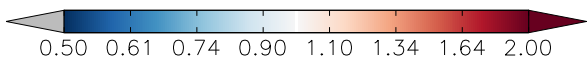
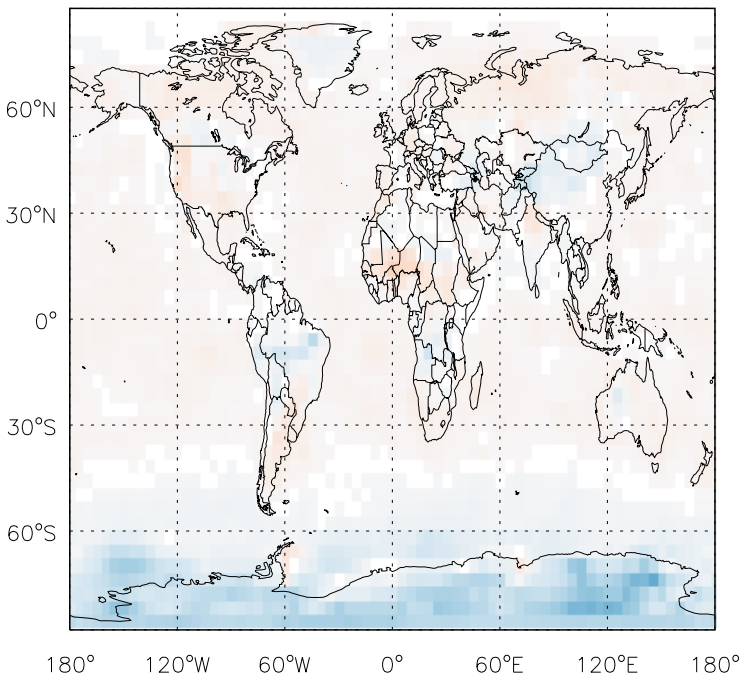
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2O / Ratio @ Surface for Jul



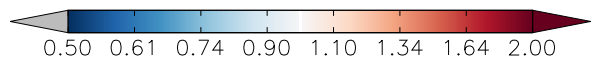
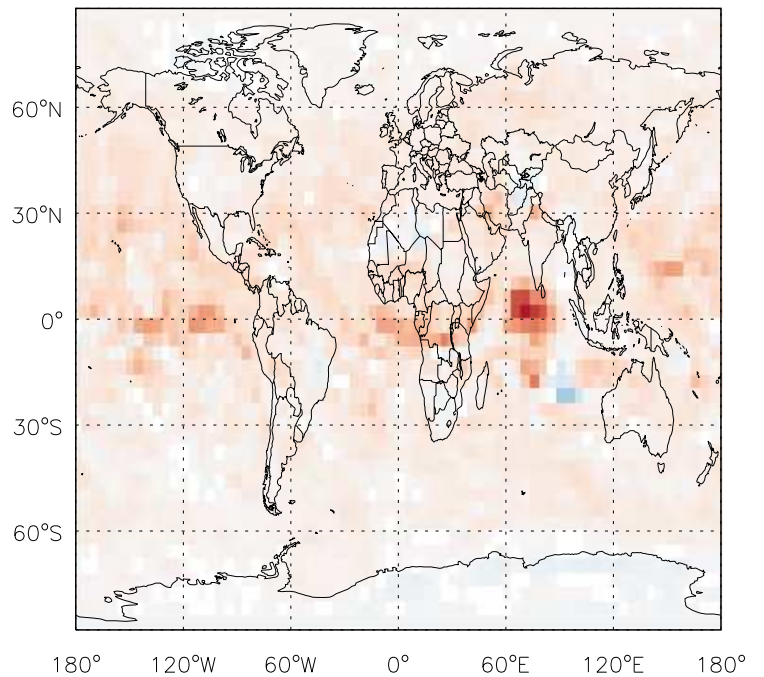
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2O/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H2O / Ratio @ Surface for Jul

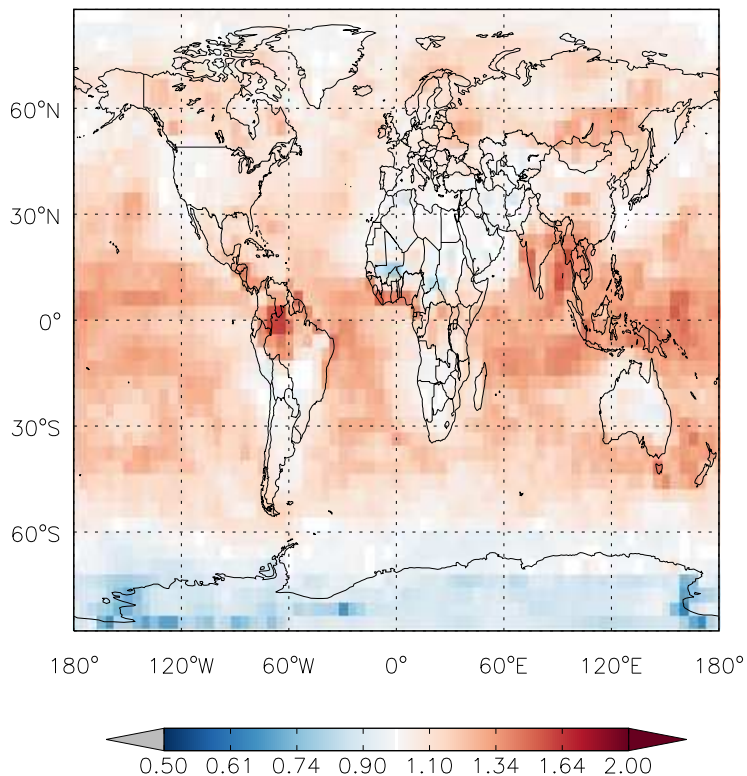


v11-01f-merra2-Run0 / v11-01d-Run1  
H2O/ Ratio @ 500 hPa for Jul

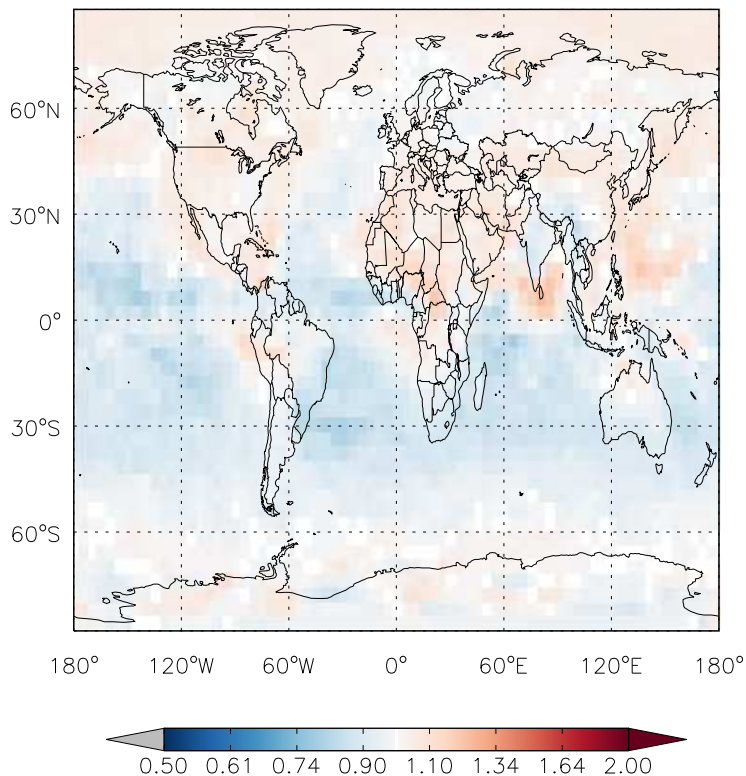


# GEOS-Chem Ratio Maps at surface and 500 hPa

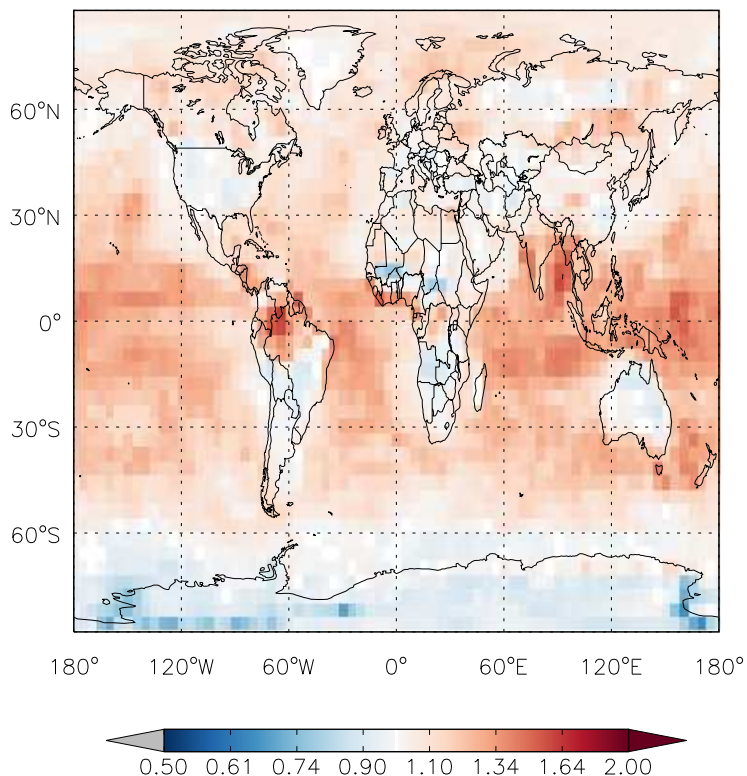
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OH / Ratio @ Surface for Jul



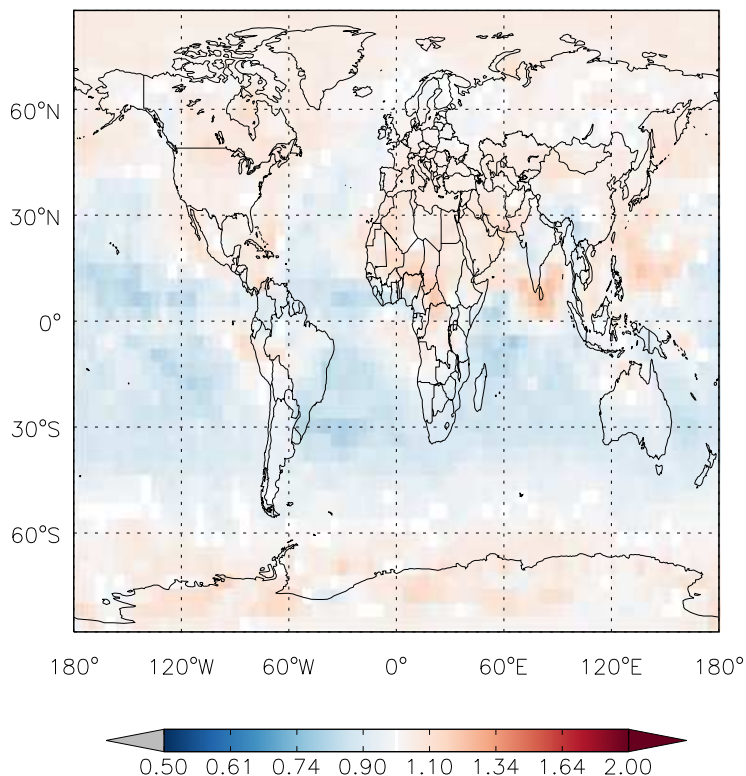
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
OH/ Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
OH / Ratio @ Surface for Jul

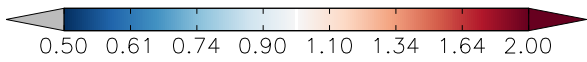
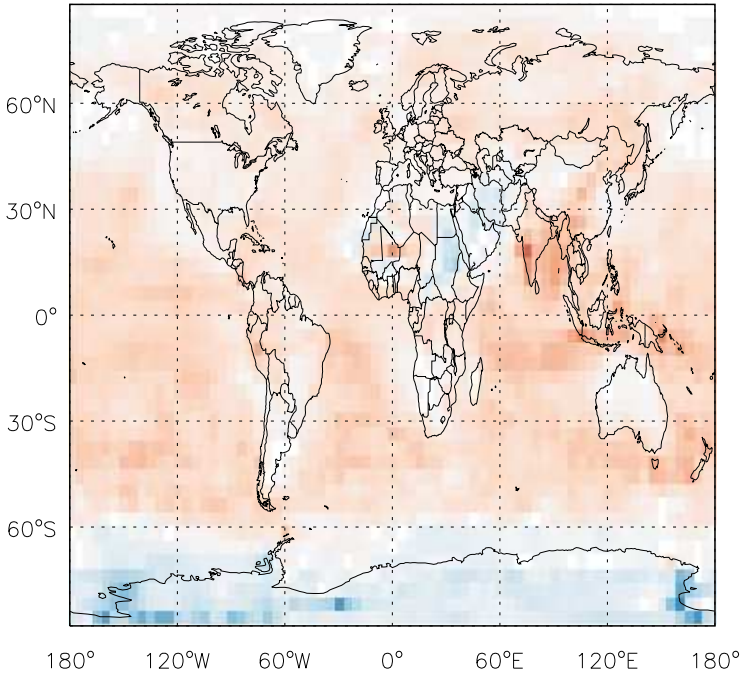


v11-01f-merra2-Run0 / v11-01d-Run1  
OH/ Ratio @ 500 hPa for Jul

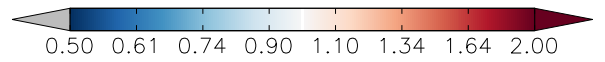
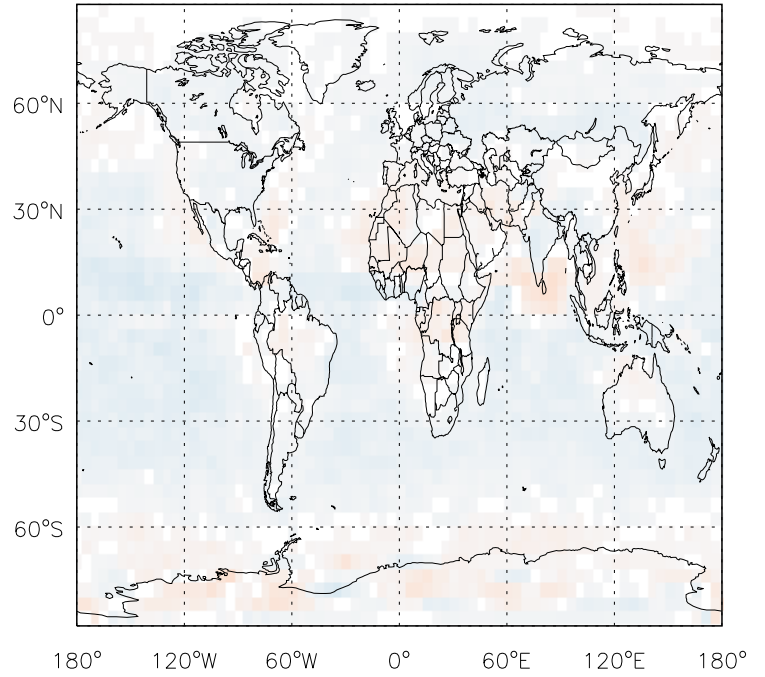


GEOS-Chem Ratio Maps at surface and 500 hPa

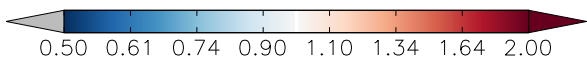
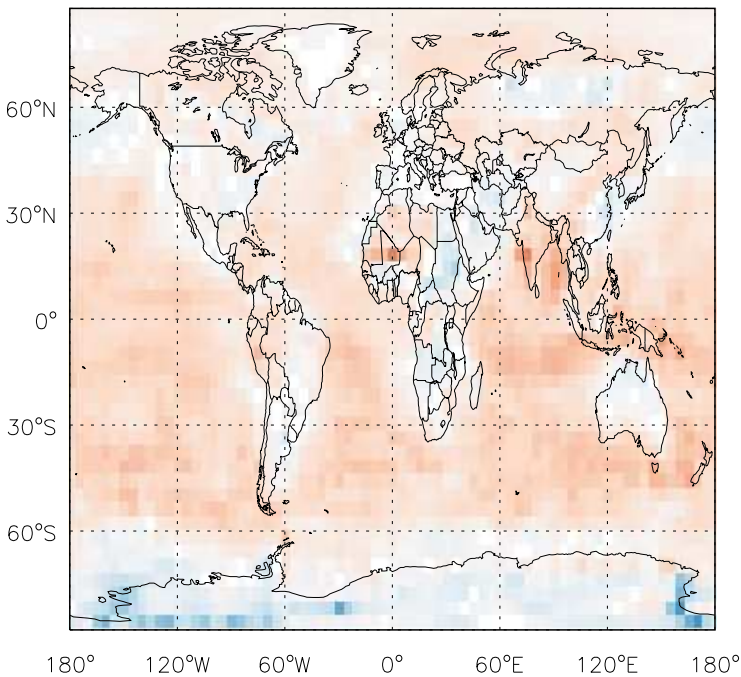
v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2O / Ratio @ Surface for Jul



v11-01f-merra2-Run0 / v11-01f-geosfp-Run0  
H2O / Ratio @ 500 hPa for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H2O / Ratio @ Surface for Jul



v11-01f-merra2-Run0 / v11-01d-Run1  
H2O / Ratio @ 500 hPa for Jul

