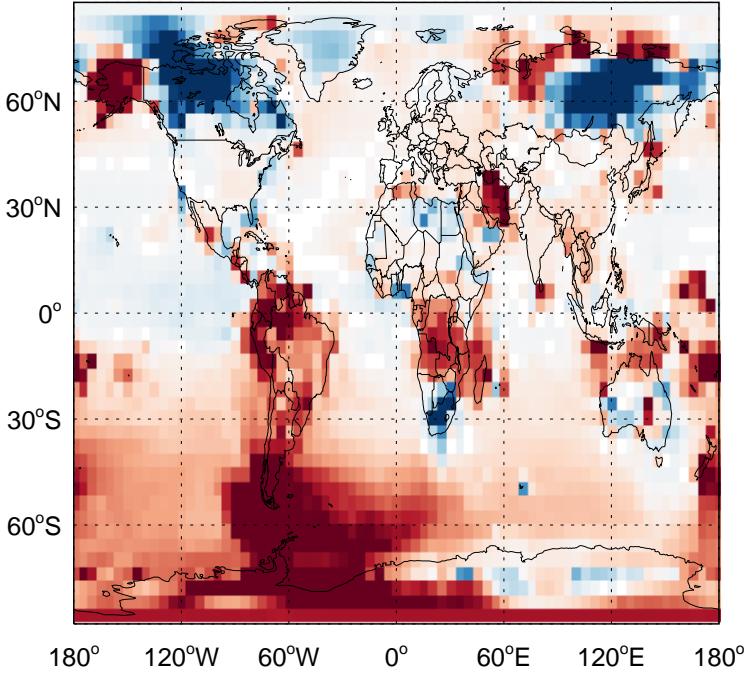
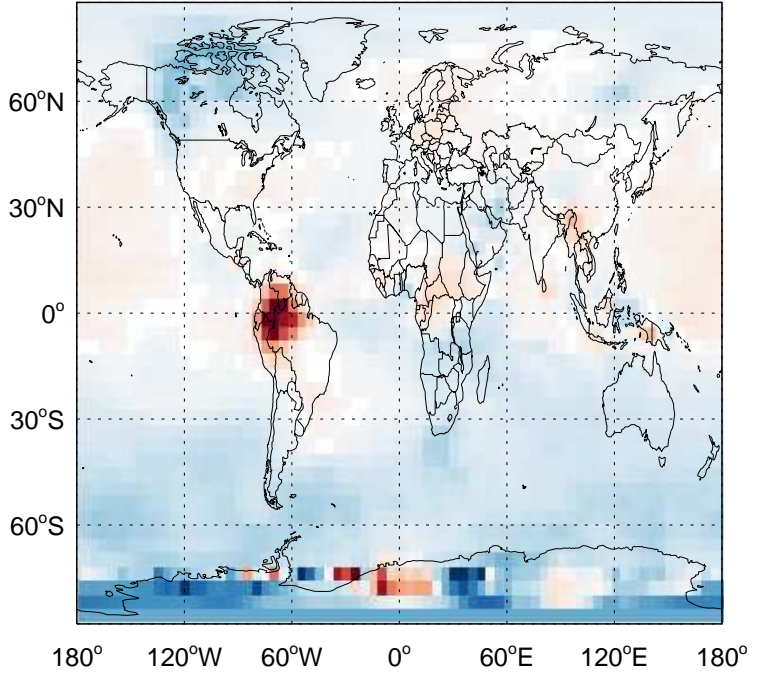


# GEOS-Chem Ratio Maps at surface and 500 hPa

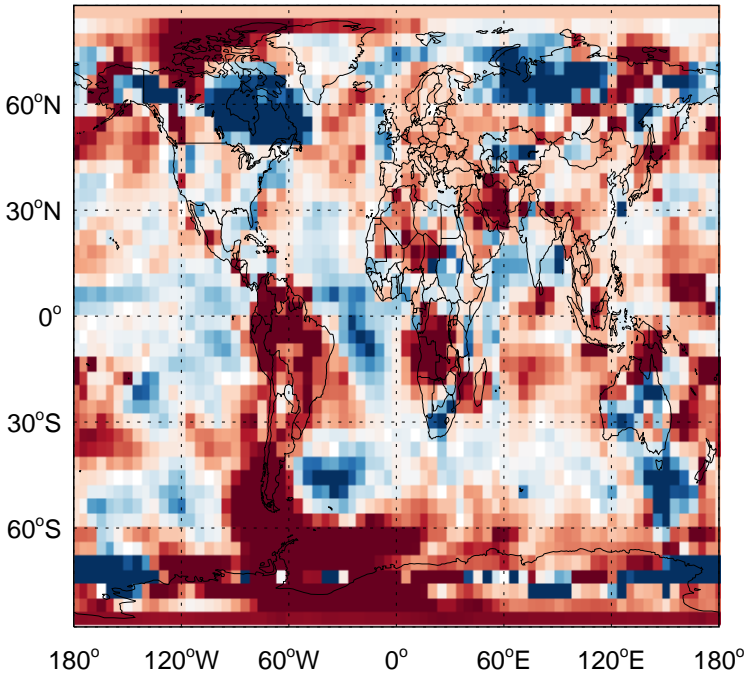
v11-02f-Run0 / v11-02e-Run1  
NO / Ratio @ Surface for Jul



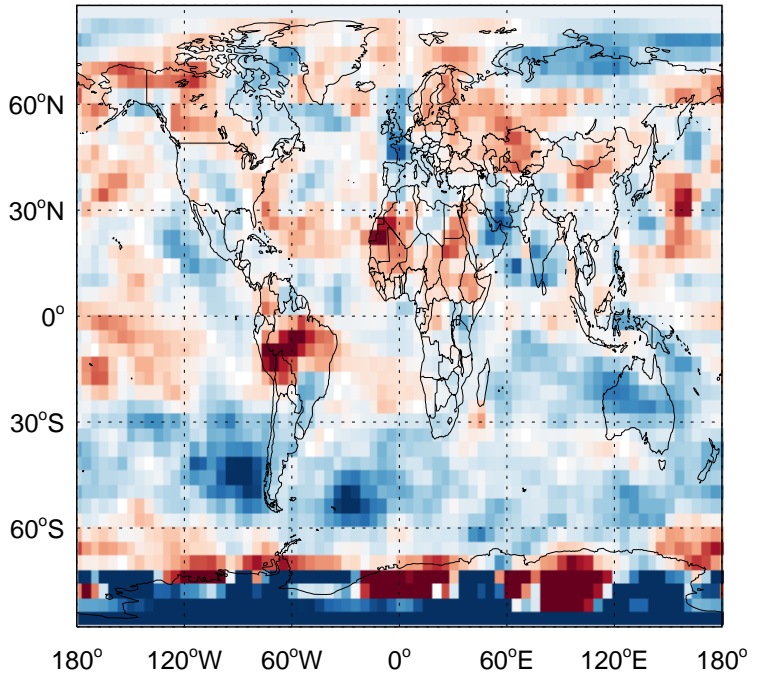
v11-02f-Run0 / v11-02e-Run1  
NO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
NO / Ratio @ Surface for Jul



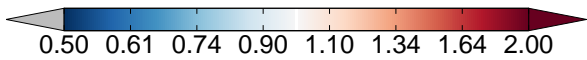
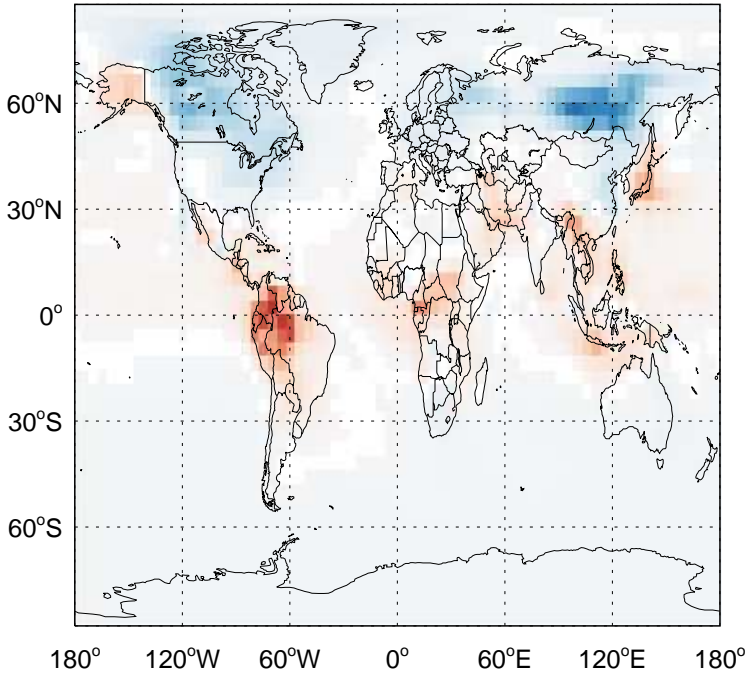
v11-02f-Run0 / v11-02e-Run0  
NO/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

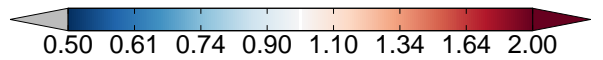
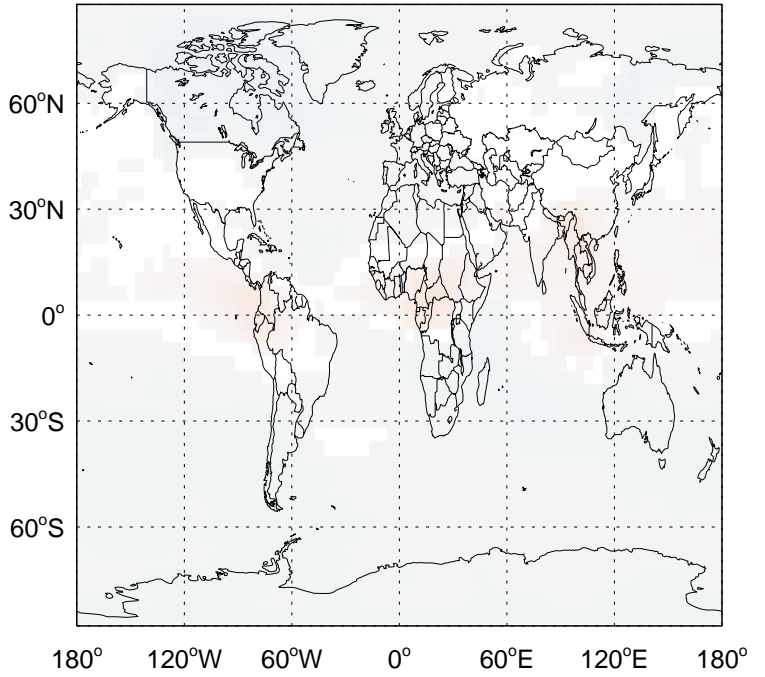
v11-02f-Run0 / v11-02e-Run1

O3 / Ratio @ Surface for Jul



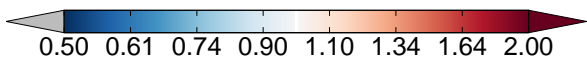
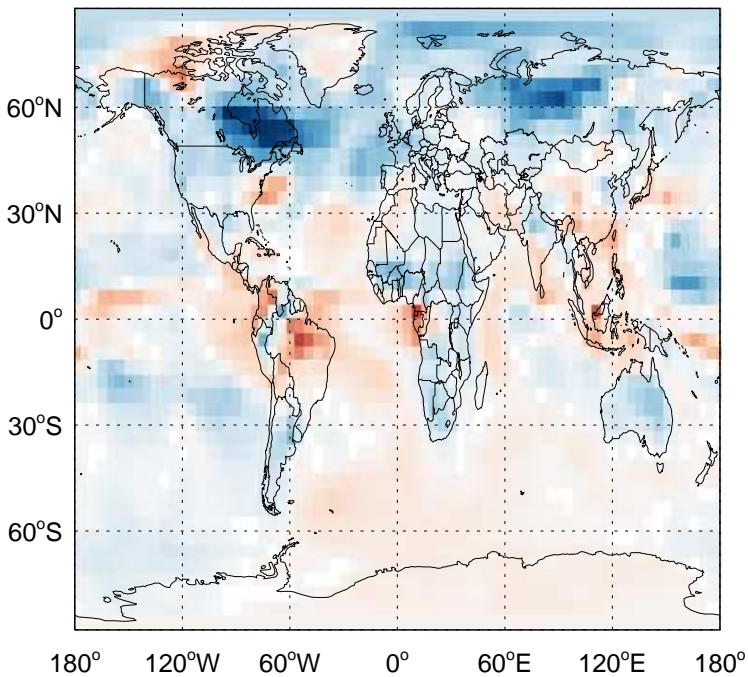
v11-02f-Run0 / v11-02e-Run1

O3 / Ratio @ 500 hPa for Jul



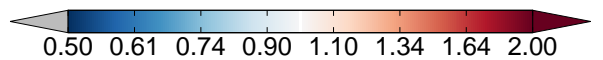
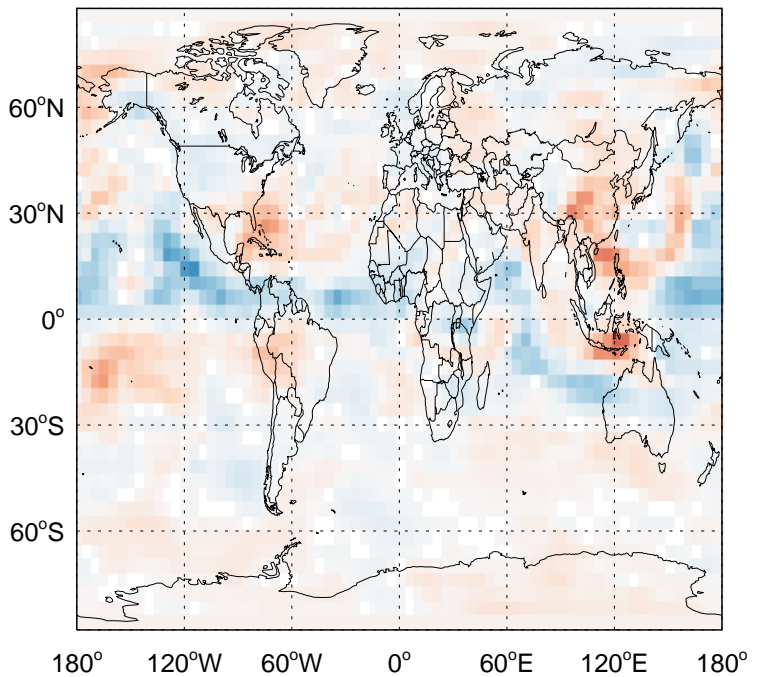
v11-02f-Run0 / v11-02e-Run0

O3 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

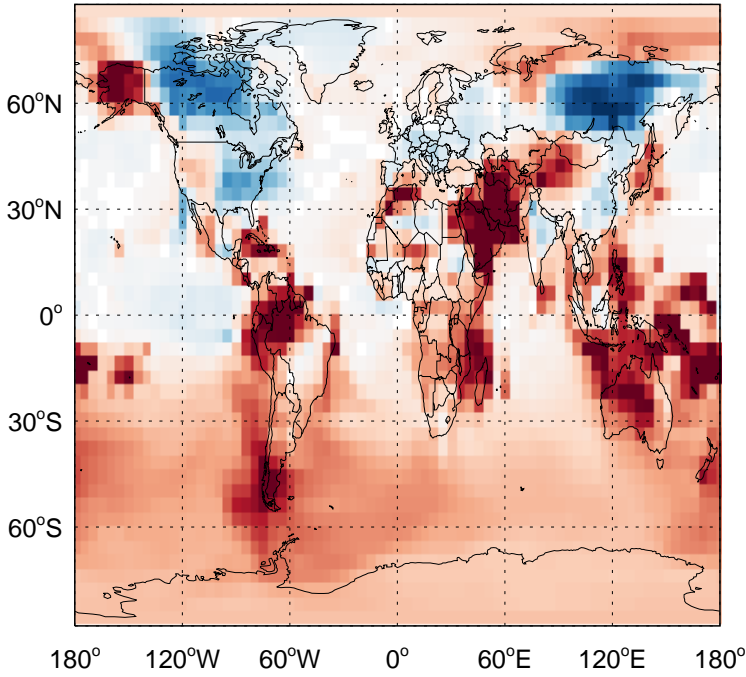
O3 / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

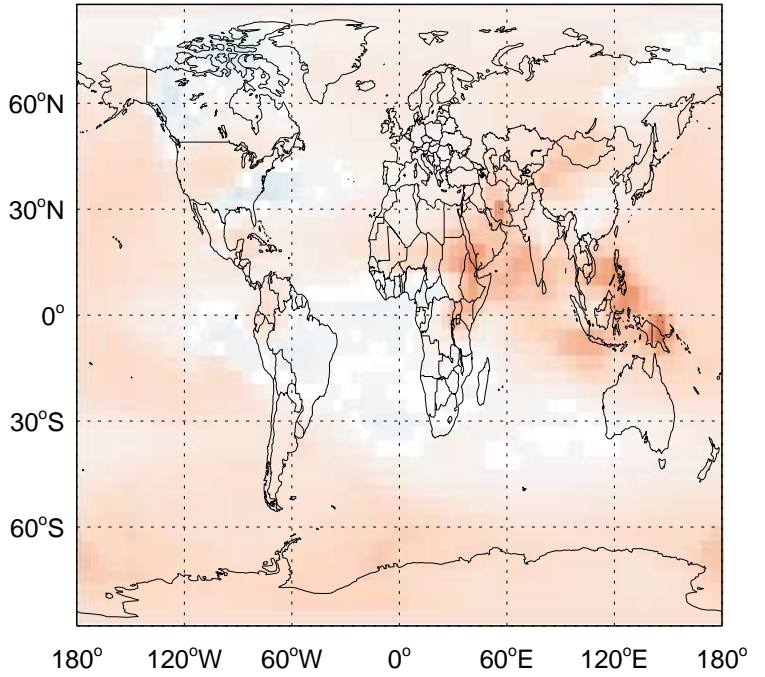
v11-02f-Run0 / v11-02e-Run1

PAN / Ratio @ Surface for Jul



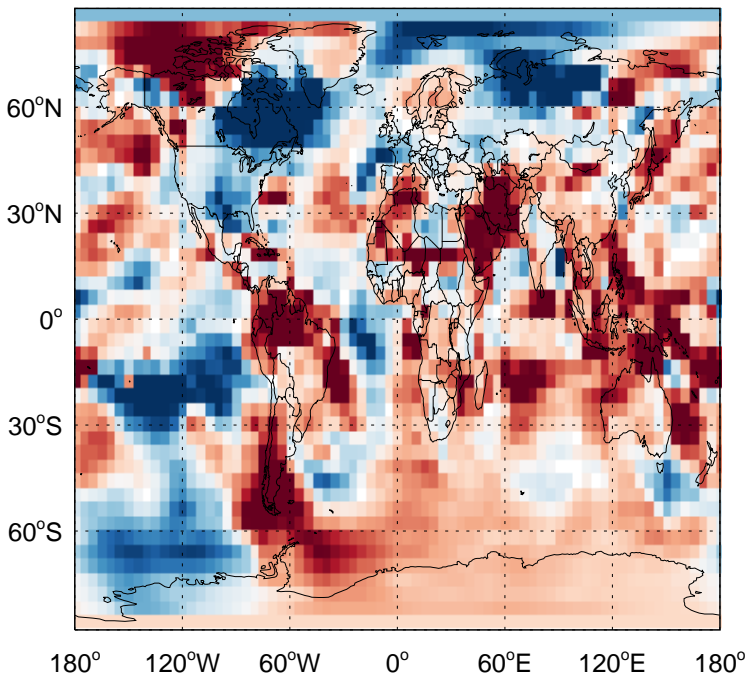
v11-02f-Run0 / v11-02e-Run1

PAN/ Ratio @ 500 hPa for Jul



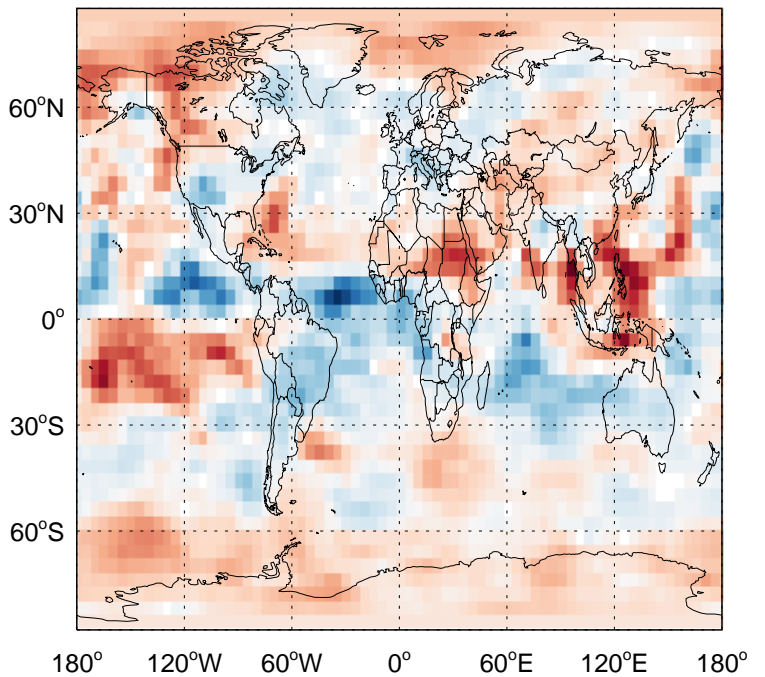
v11-02f-Run0 / v11-02e-Run0

PAN / Ratio @ Surface for Jul



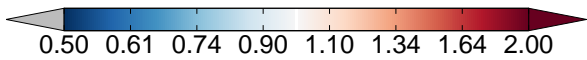
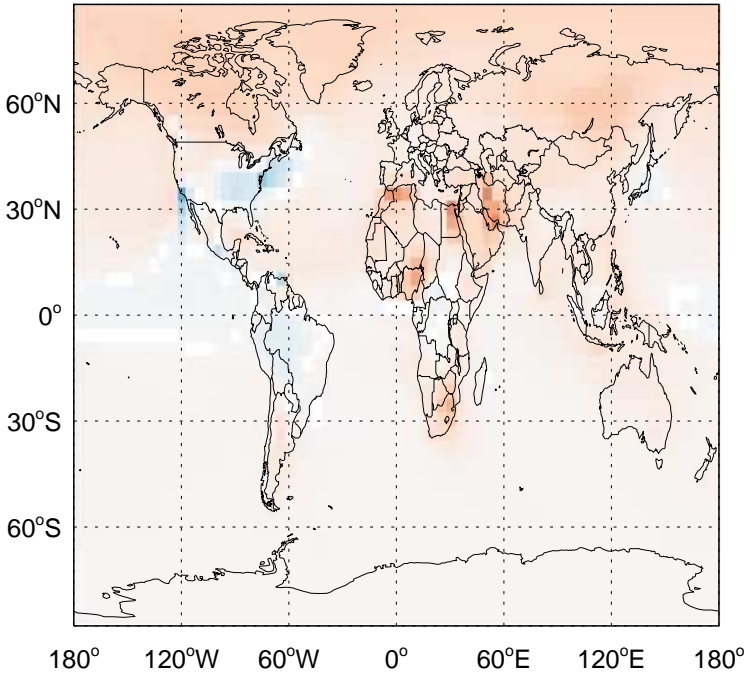
v11-02f-Run0 / v11-02e-Run0

PAN/ Ratio @ 500 hPa for Jul

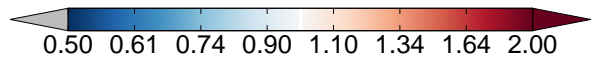
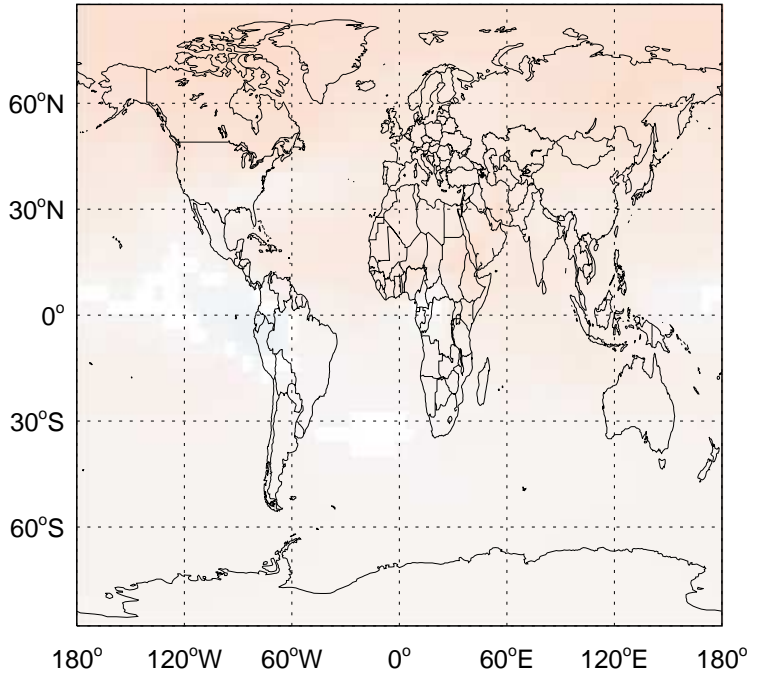


# GEOS-Chem Ratio Maps at surface and 500 hPa

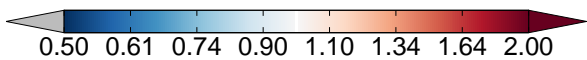
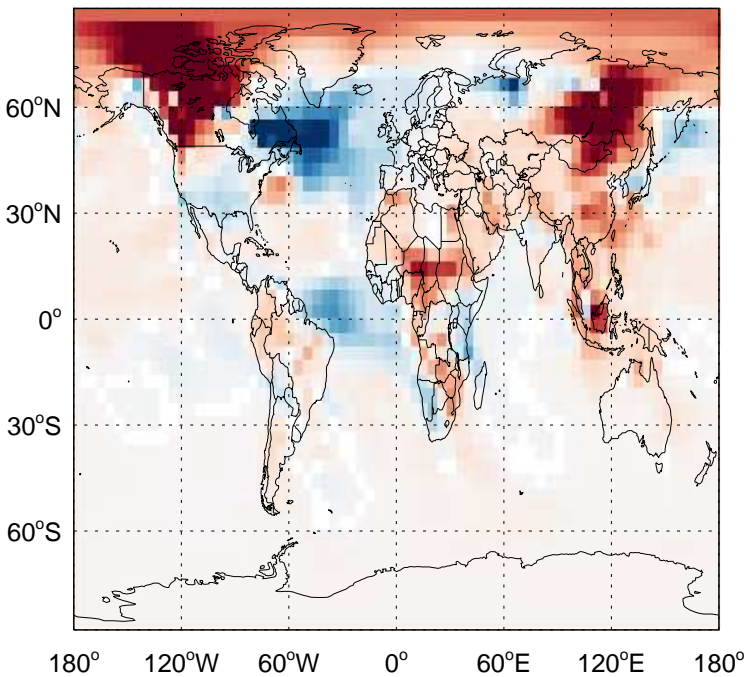
v11-02f-Run0 / v11-02e-Run1  
CO / Ratio @ Surface for Jul



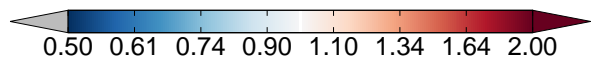
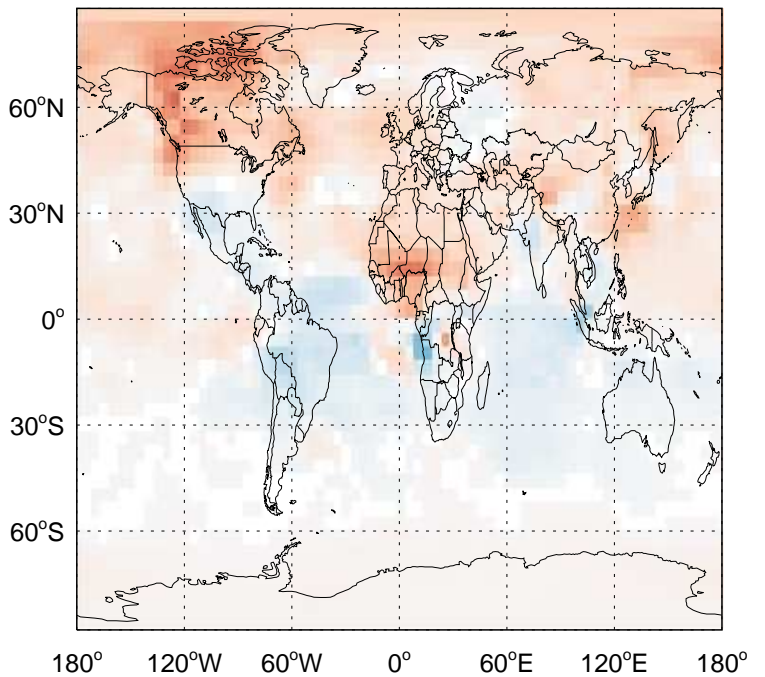
v11-02f-Run0 / v11-02e-Run1  
CO / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CO / Ratio @ Surface for Jul

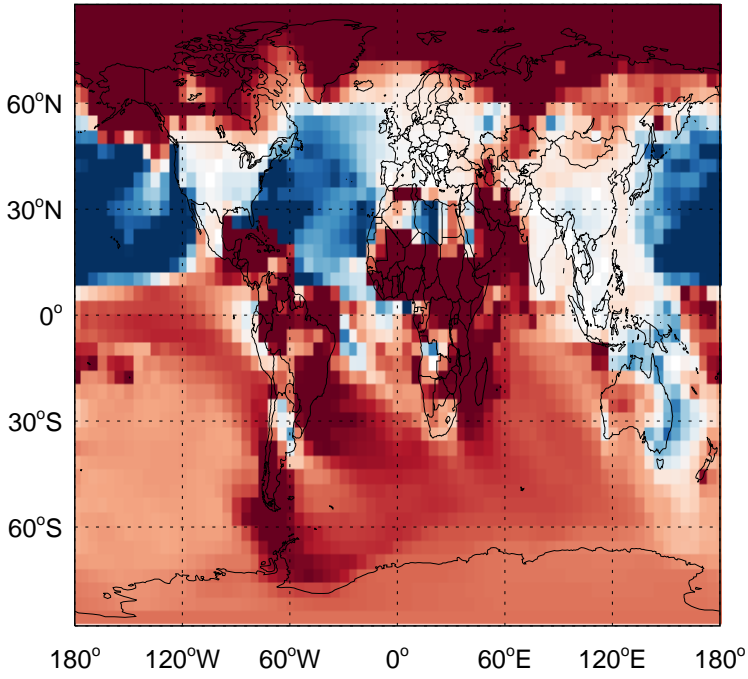


v11-02f-Run0 / v11-02e-Run0  
CO / Ratio @ 500 hPa for Jul

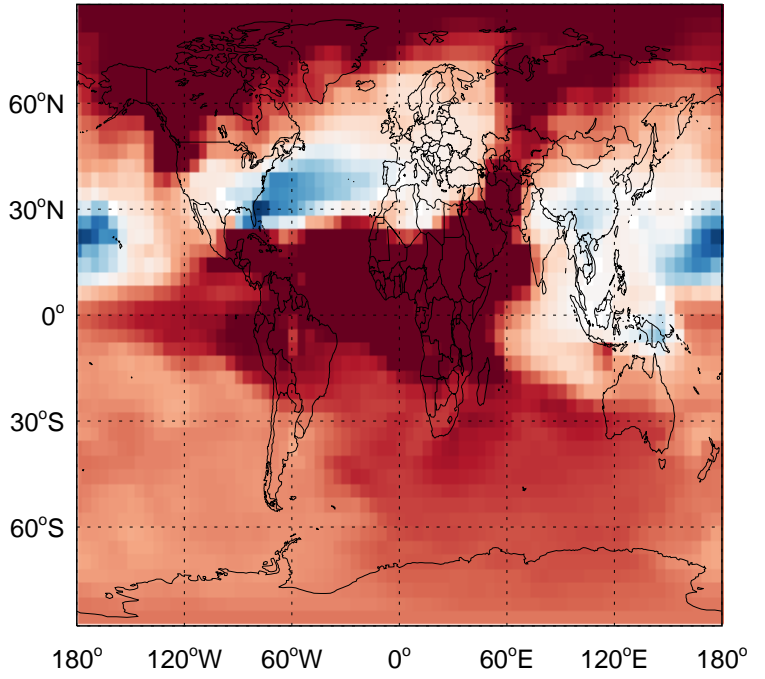


# GEOS-Chem Ratio Maps at surface and 500 hPa

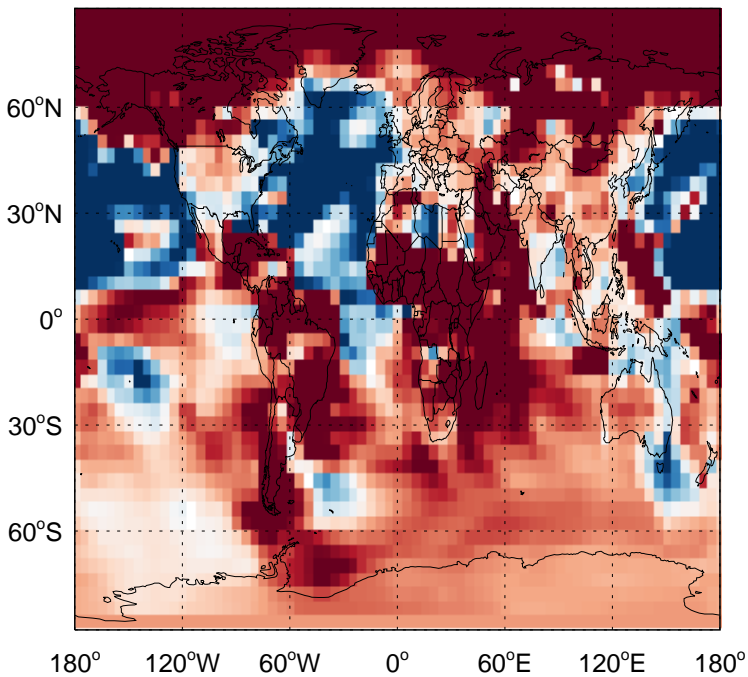
v11-02f-Run0 / v11-02e-Run1  
ALK4 / Ratio @ Surface for Jul



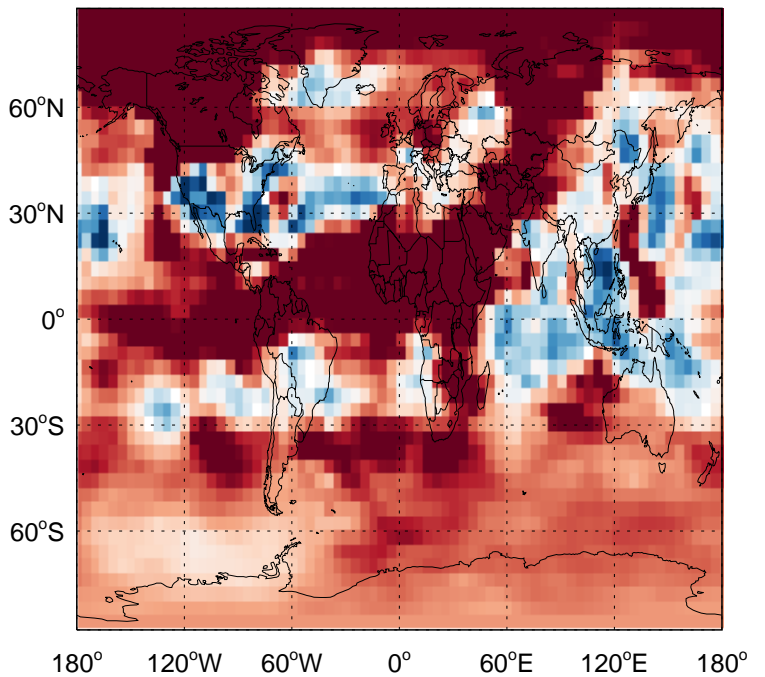
v11-02f-Run0 / v11-02e-Run1  
ALK4/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ALK4 / Ratio @ Surface for Jul

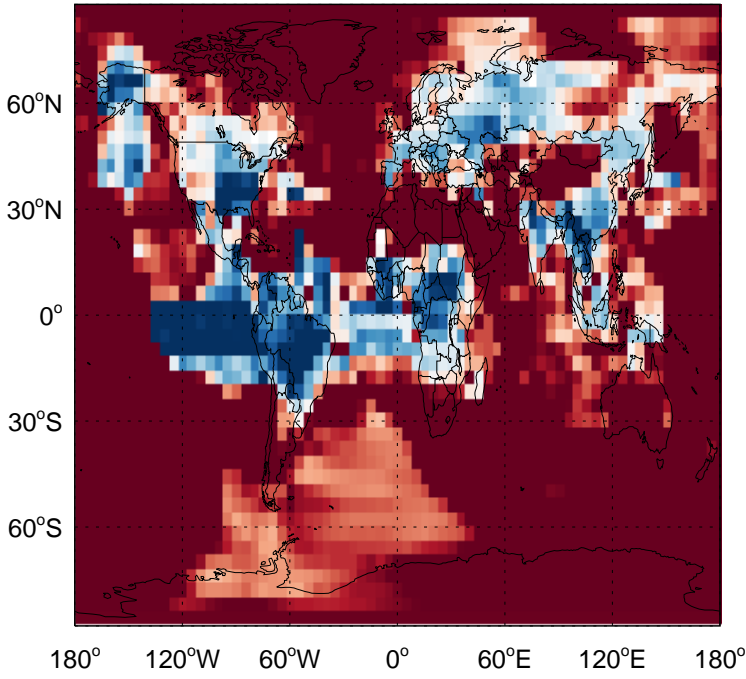


v11-02f-Run0 / v11-02e-Run0  
ALK4/ Ratio @ 500 hPa for Jul

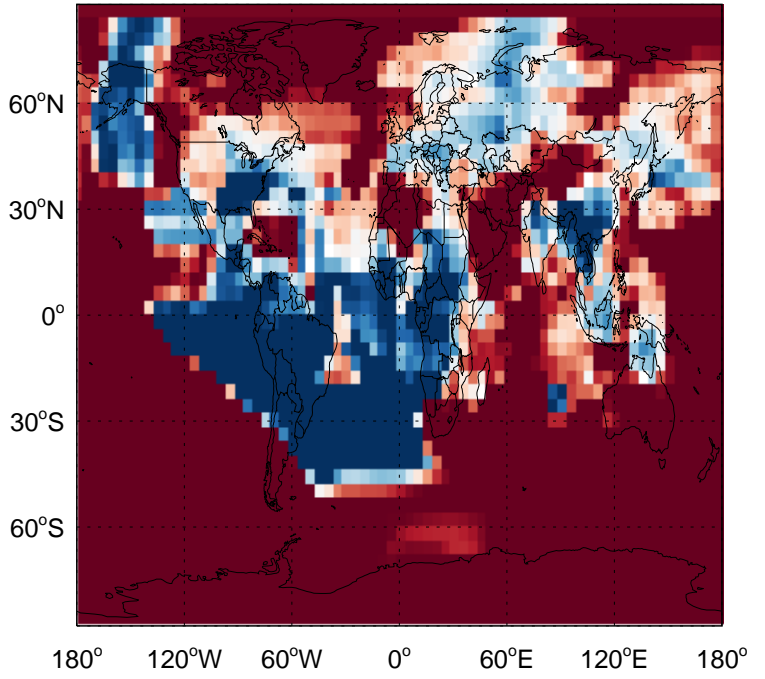


# GEOS-Chem Ratio Maps at surface and 500 hPa

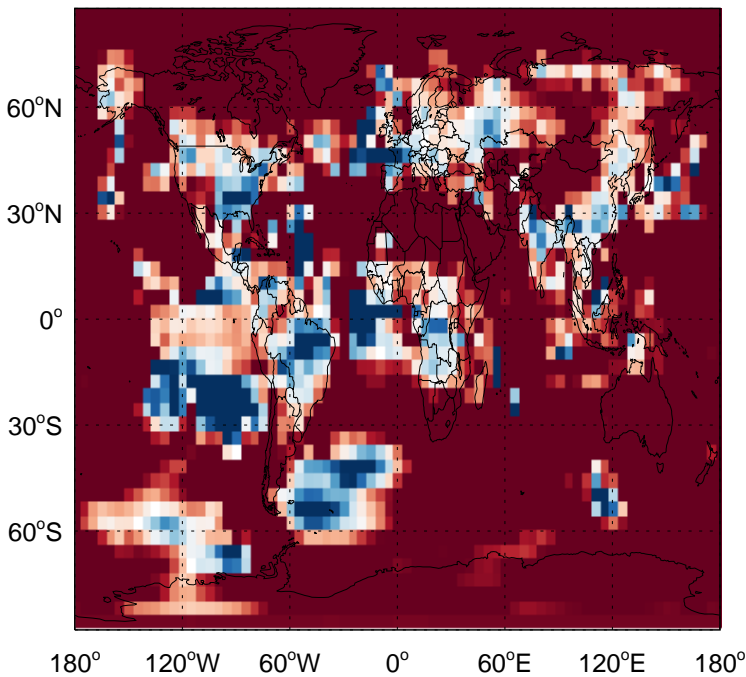
v11-02f-Run0 / v11-02e-Run1  
ISOP / Ratio @ Surface for Jul



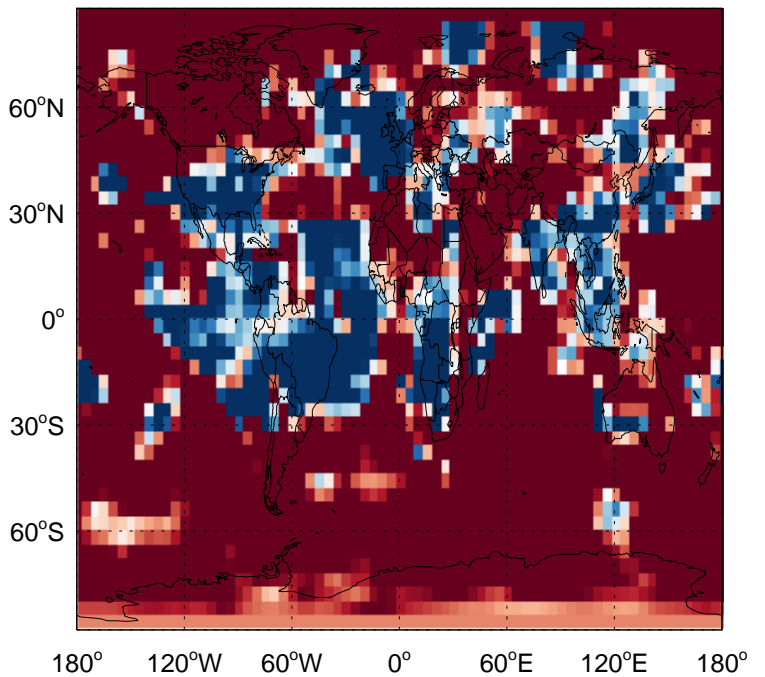
v11-02f-Run0 / v11-02e-Run1  
ISOP/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOP / Ratio @ Surface for Jul

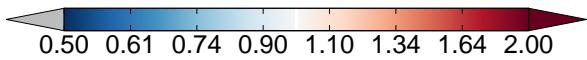
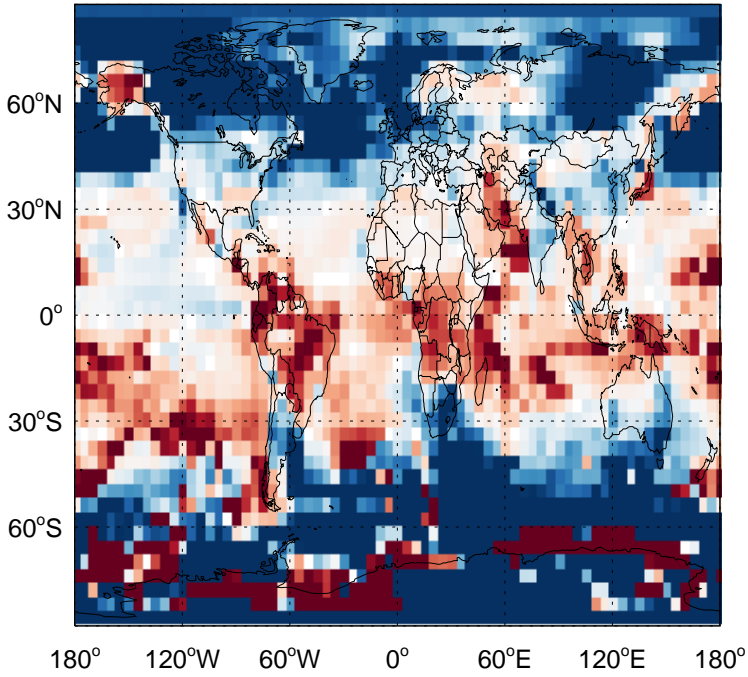


v11-02f-Run0 / v11-02e-Run0  
ISOP/ Ratio @ 500 hPa for Jul

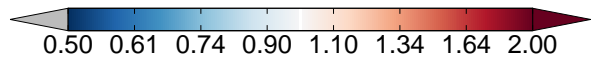
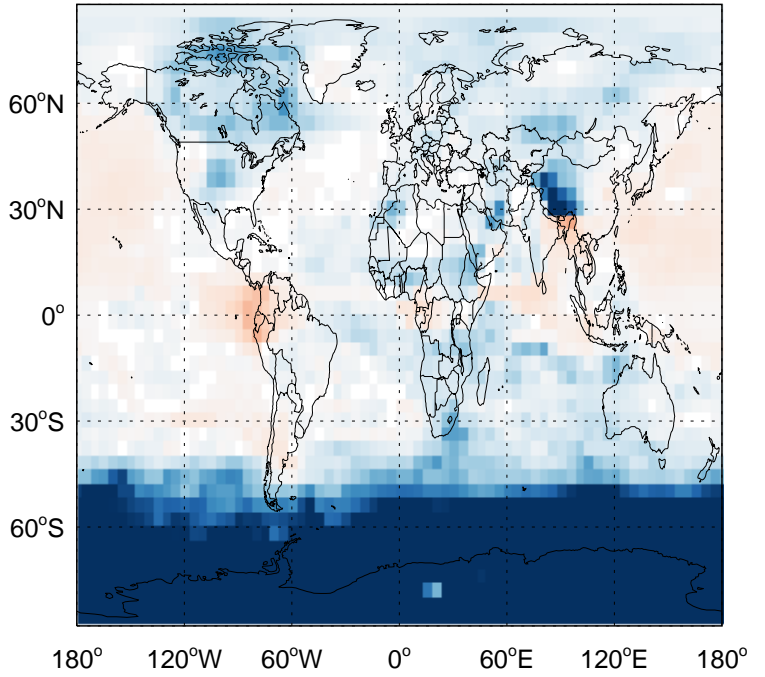


# GEOS-Chem Ratio Maps at surface and 500 hPa

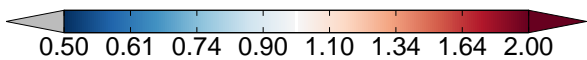
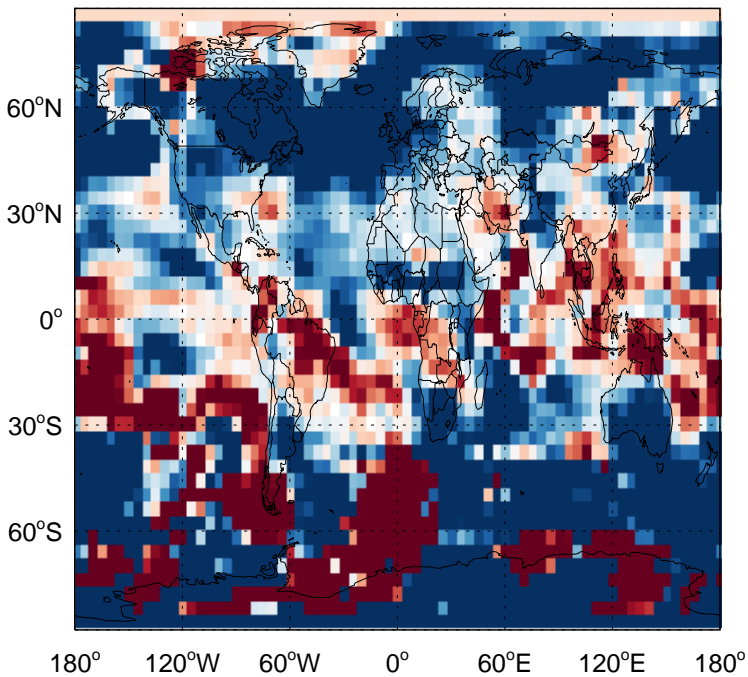
v11-02f-Run0 / v11-02e-Run1  
HNO<sub>3</sub> / Ratio @ Surface for Jul



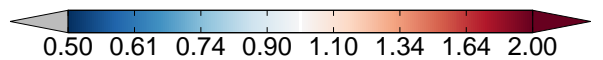
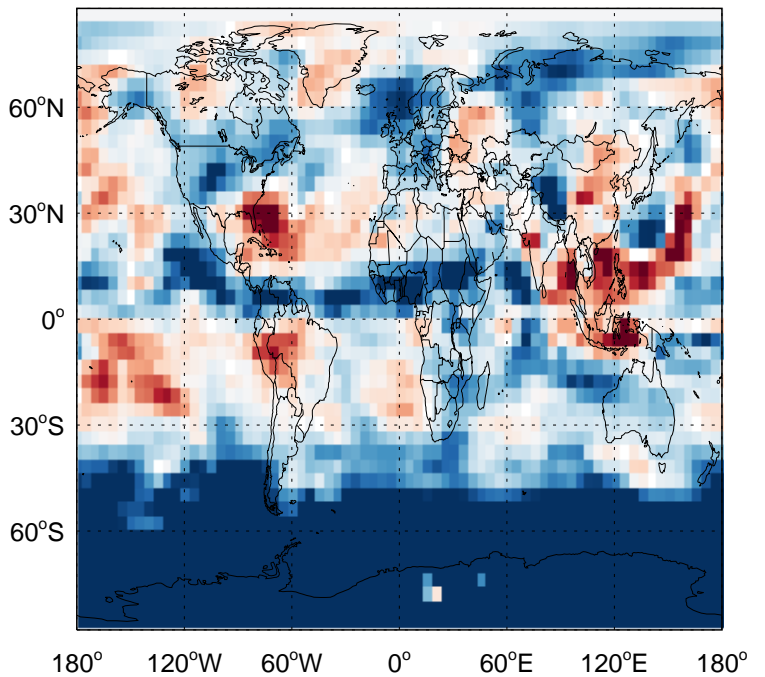
v11-02f-Run0 / v11-02e-Run1  
HNO<sub>3</sub>/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HNO<sub>3</sub> / Ratio @ Surface for Jul

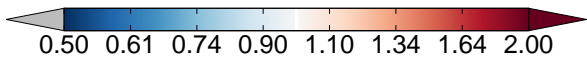
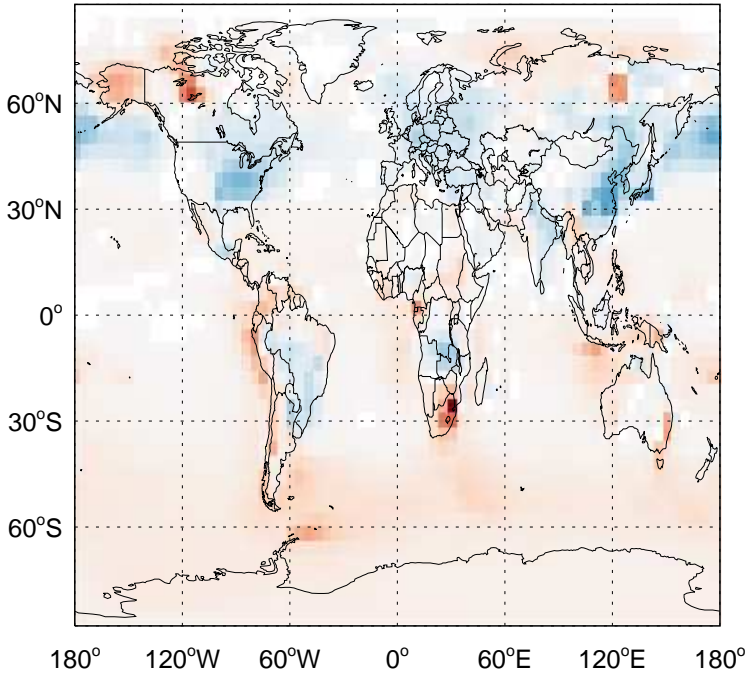


v11-02f-Run0 / v11-02e-Run0  
HNO<sub>3</sub>/ Ratio @ 500 hPa for Jul

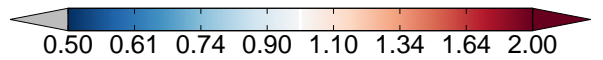
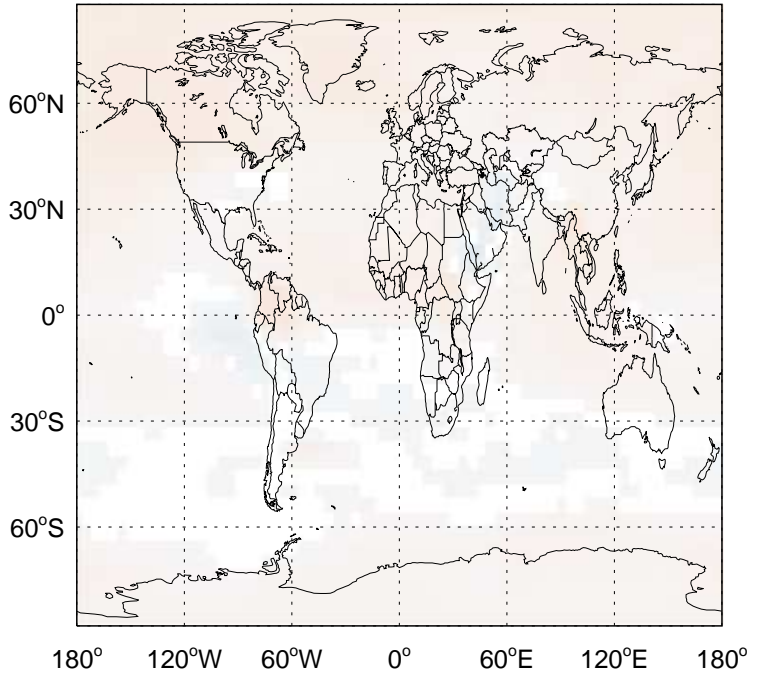


# GEOS-Chem Ratio Maps at surface and 500 hPa

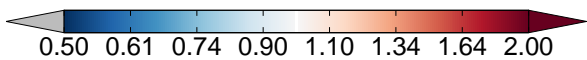
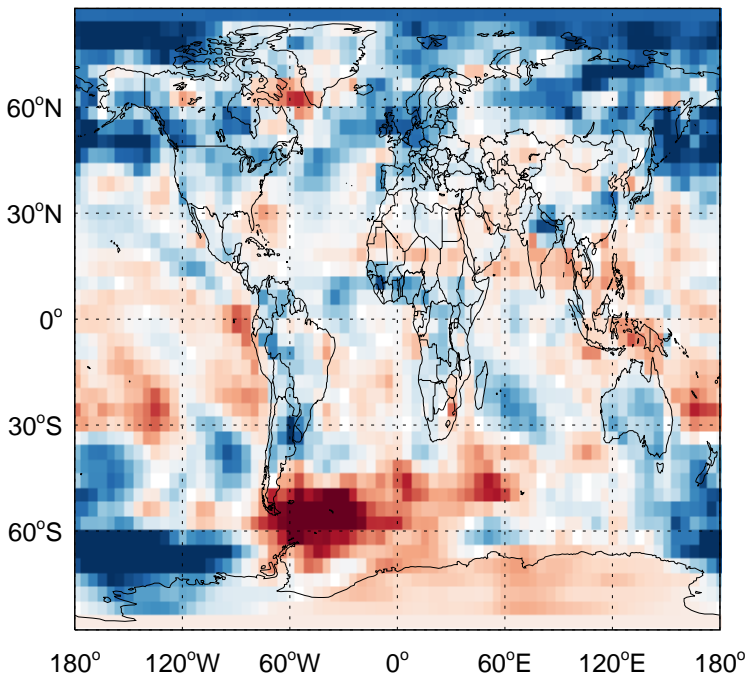
v11-02f-Run0 / v11-02e-Run1  
H2O2 / Ratio @ Surface for Jul



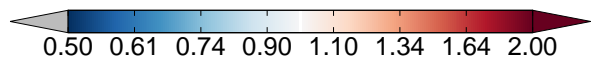
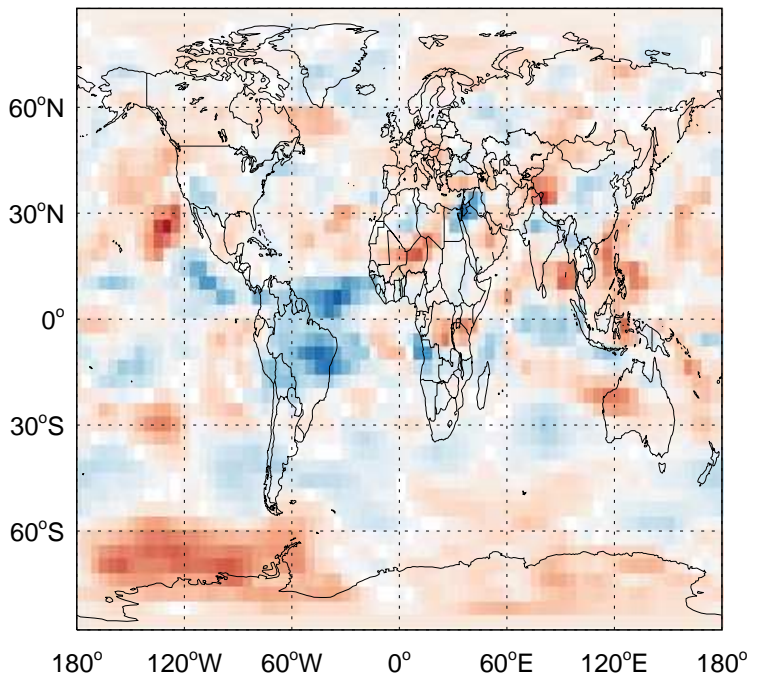
v11-02f-Run0 / v11-02e-Run1  
H2O2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
H2O2 / Ratio @ Surface for Jul



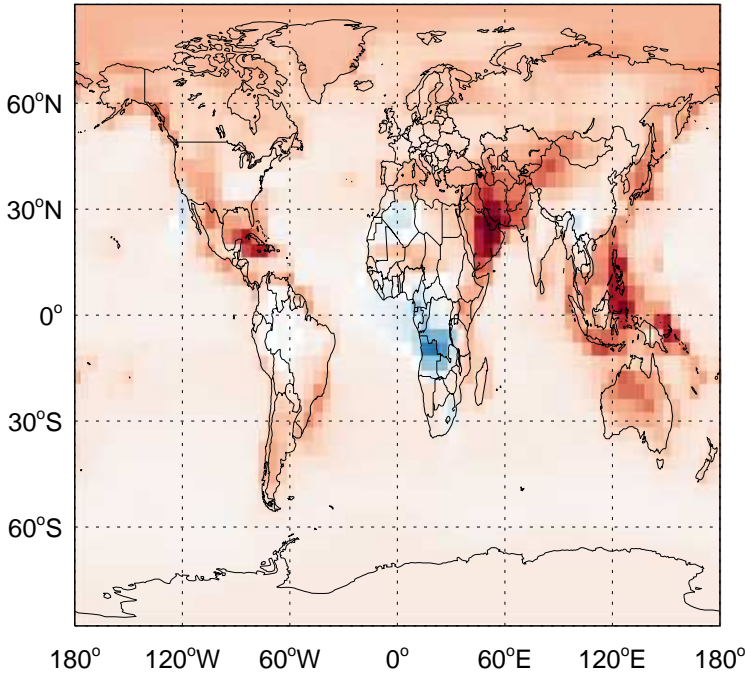
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H2O2/ Ratio @ 500 hPa for Jul



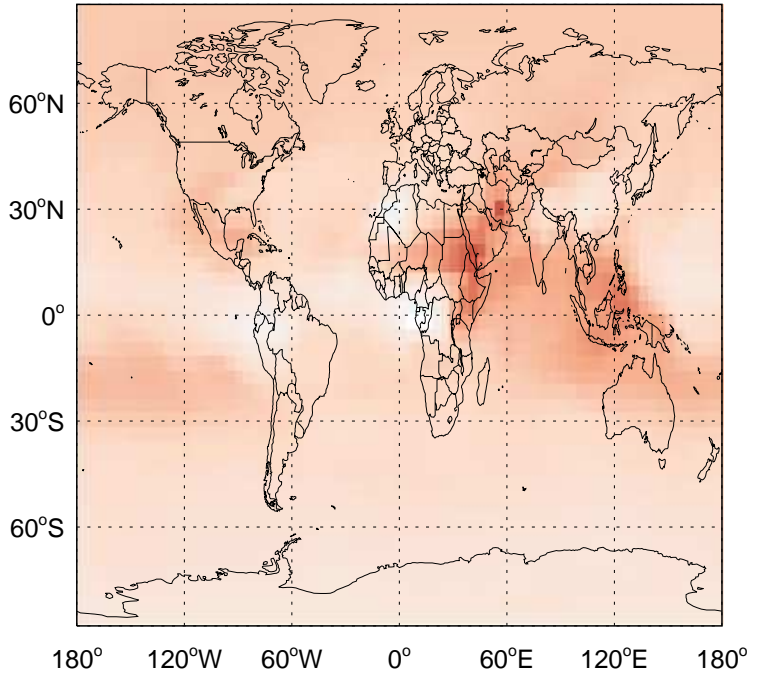


# GEOS-Chem Ratio Maps at surface and 500 hPa

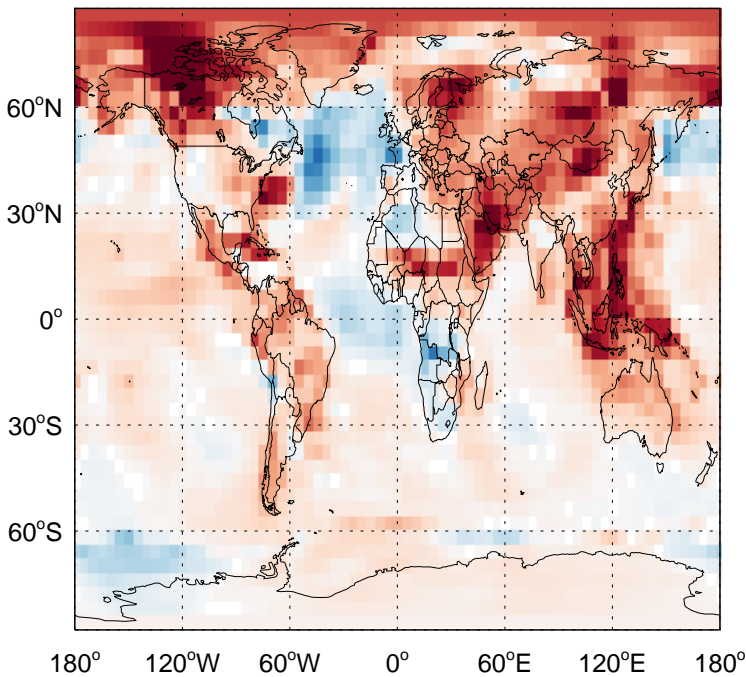
v11-02f-Run0 / v11-02e-Run1  
ACET / Ratio @ Surface for Jul



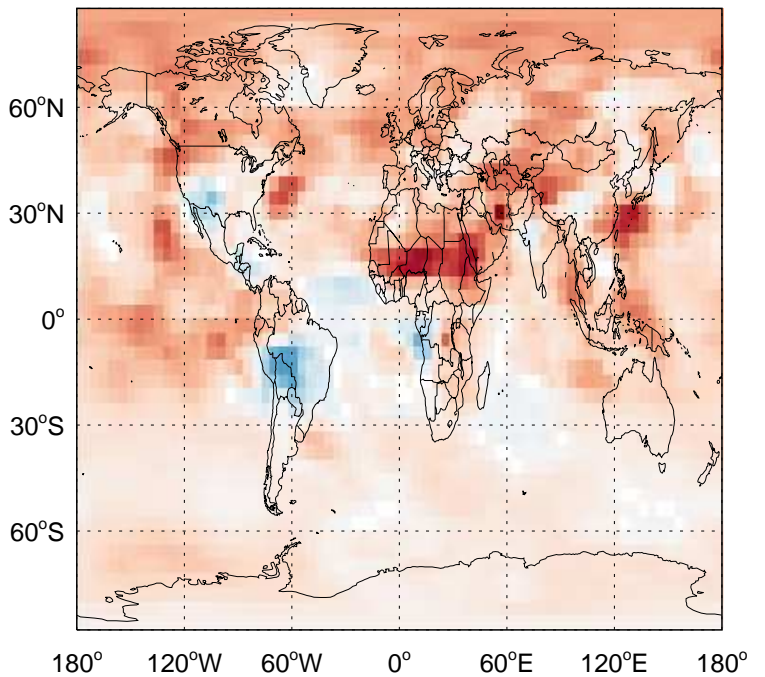
v11-02f-Run0 / v11-02e-Run1  
ACET/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ACET / Ratio @ Surface for Jul

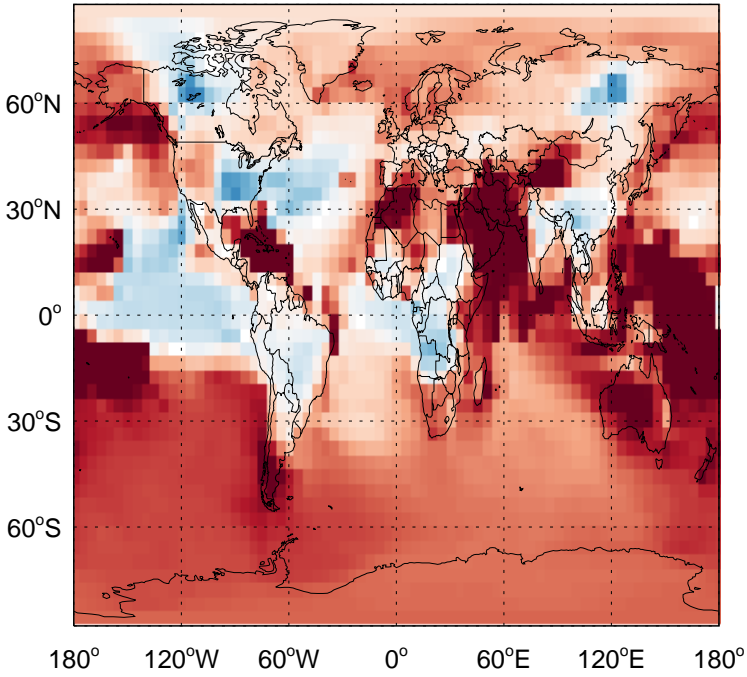


v11-02f-Run0 / v11-02e-Run0  
ACET/ Ratio @ 500 hPa for Jul

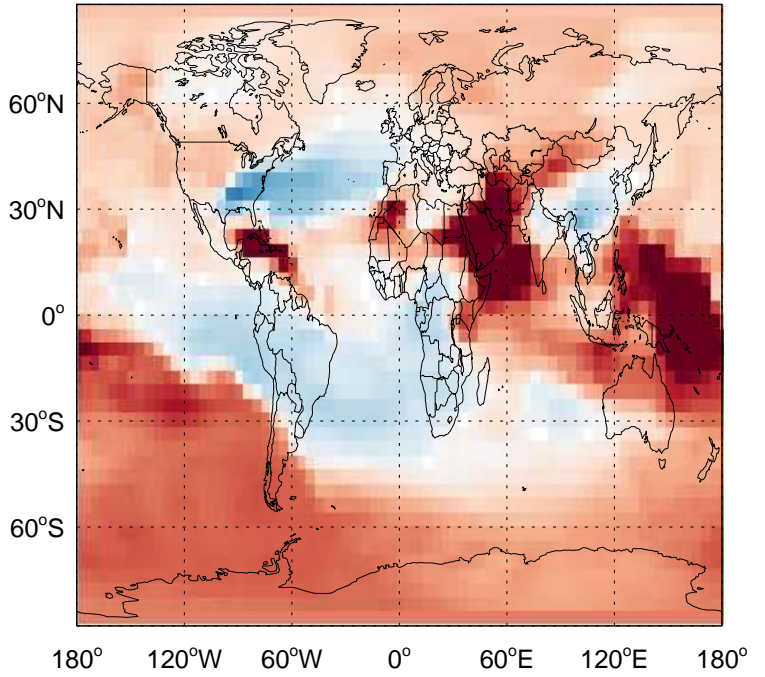


# GEOS-Chem Ratio Maps at surface and 500 hPa

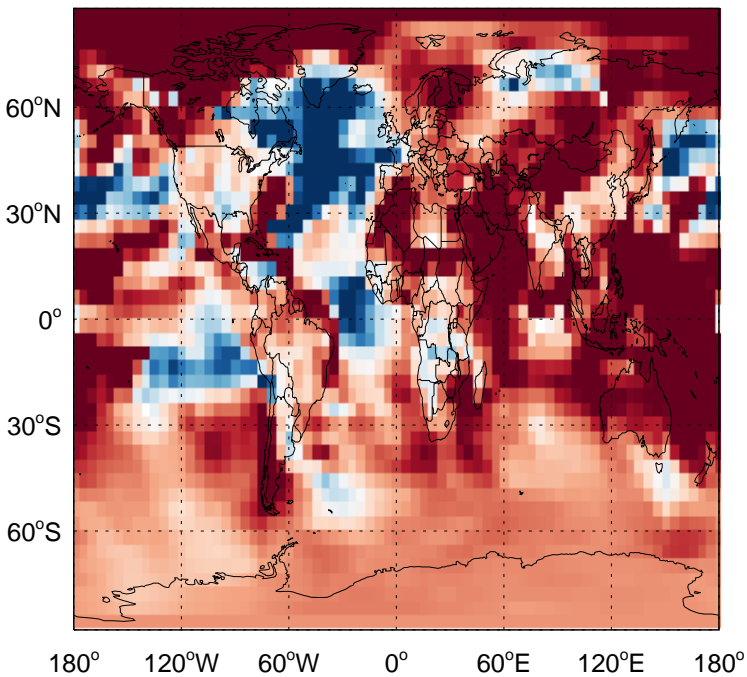
v11-02f-Run0 / v11-02e-Run1  
MEK / Ratio @ Surface for Jul



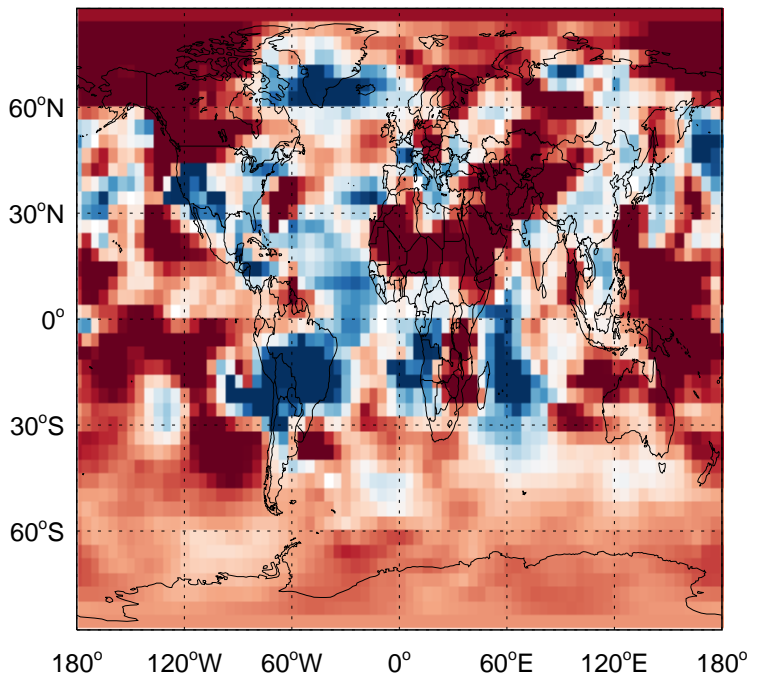
v11-02f-Run0 / v11-02e-Run1  
MEK / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MEK / Ratio @ Surface for Jul

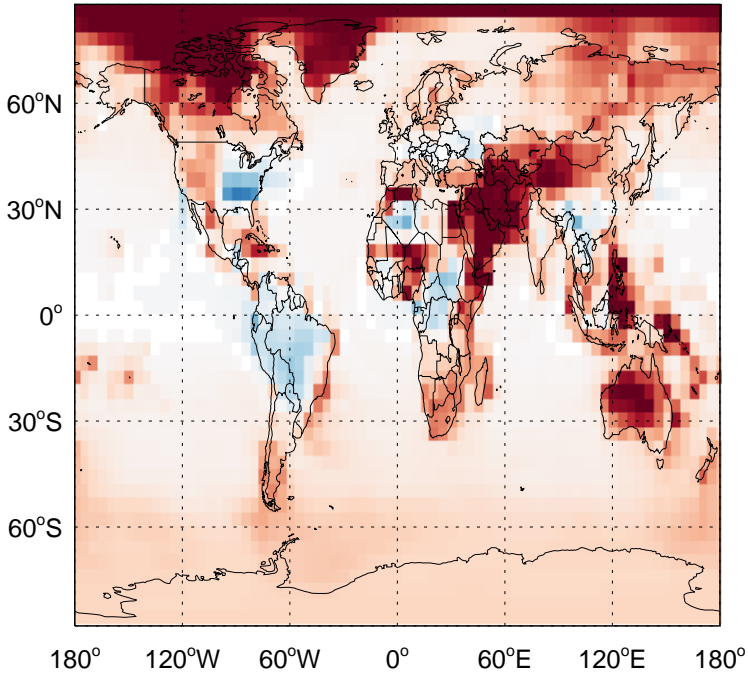


v11-02f-Run0 / v11-02e-Run0  
MEK / Ratio @ 500 hPa for Jul

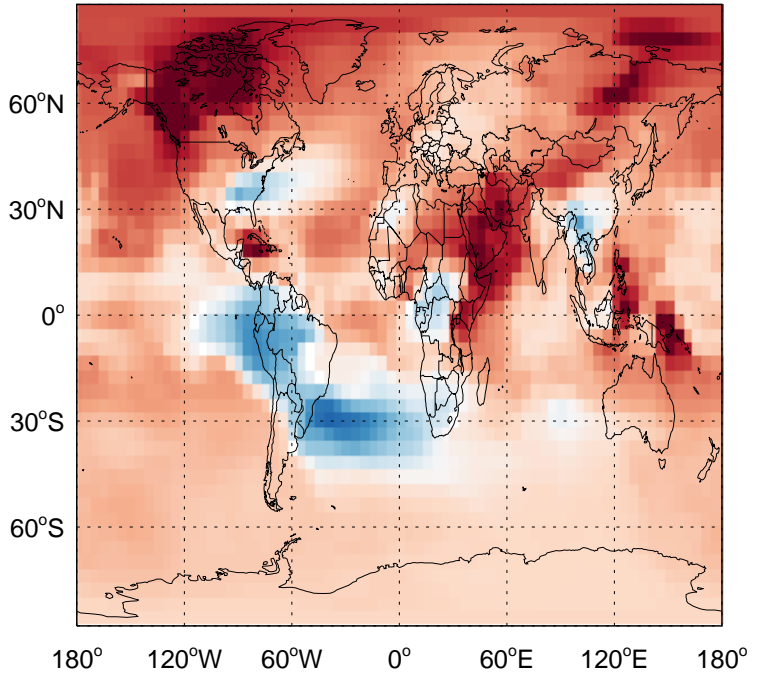


# GEOS-Chem Ratio Maps at surface and 500 hPa

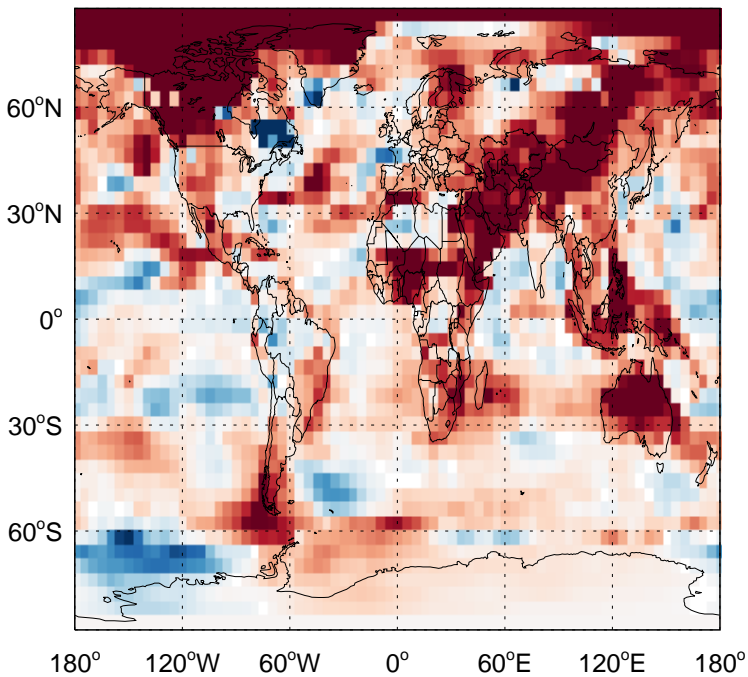
v11-02f-Run0 / v11-02e-Run1  
ALD2 / Ratio @ Surface for Jul



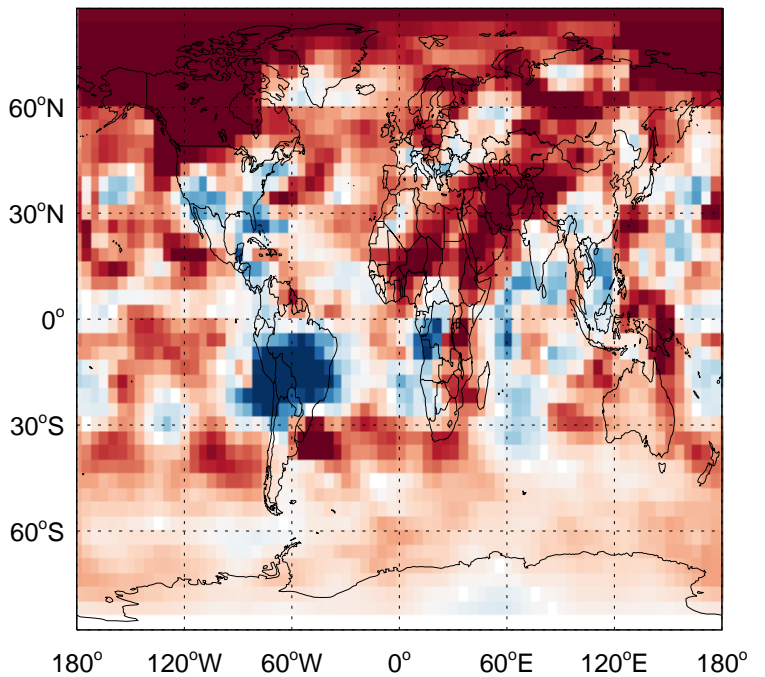
v11-02f-Run0 / v11-02e-Run1  
ALD2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ALD2 / Ratio @ Surface for Jul

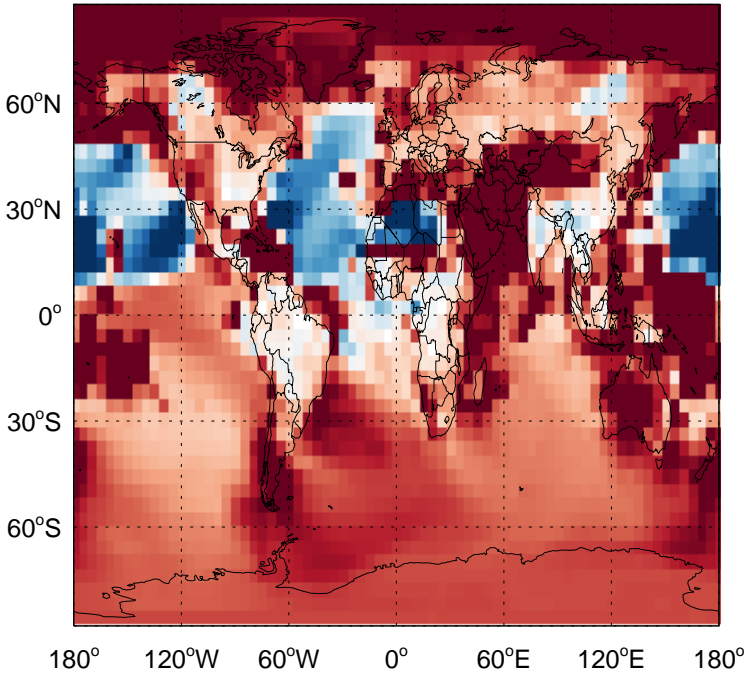


v11-02f-Run0 / v11-02e-Run0  
ALD2/ Ratio @ 500 hPa for Jul

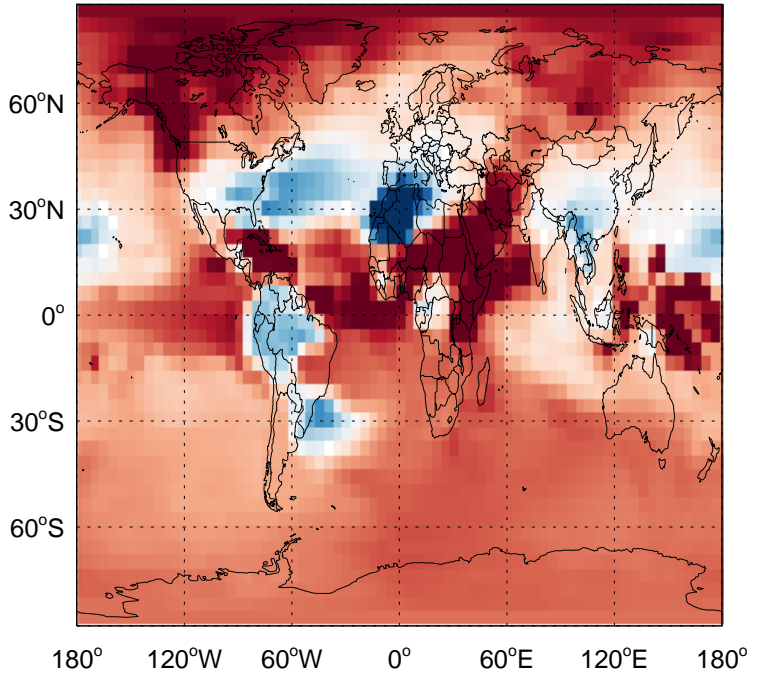


# GEOS-Chem Ratio Maps at surface and 500 hPa

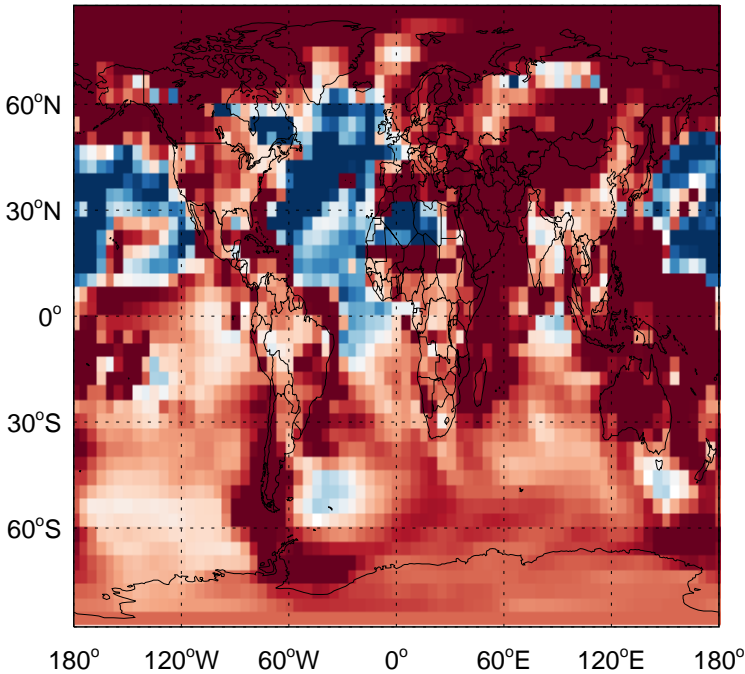
v11-02f-Run0 / v11-02e-Run1  
RCHO / Ratio @ Surface for Jul



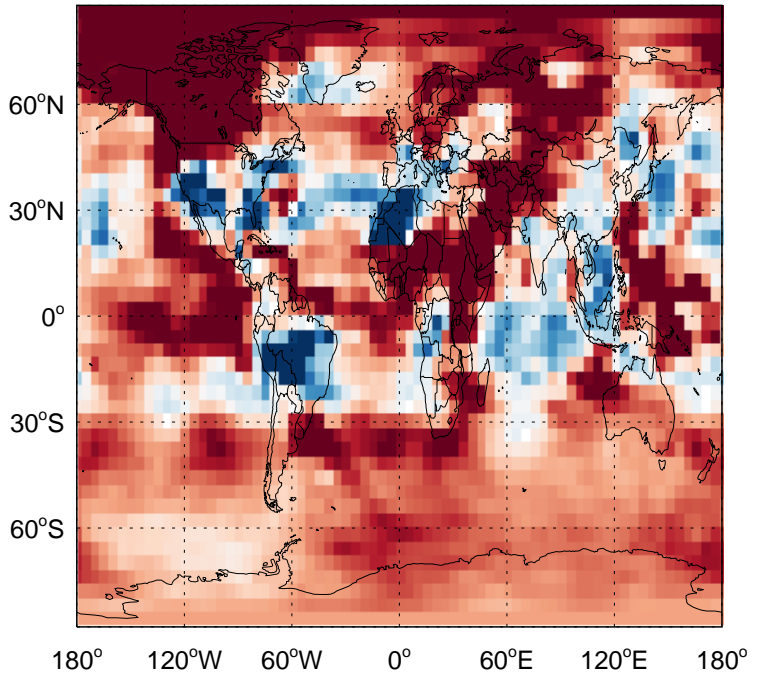
v11-02f-Run0 / v11-02e-Run1  
RCHO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
RCHO / Ratio @ Surface for Jul

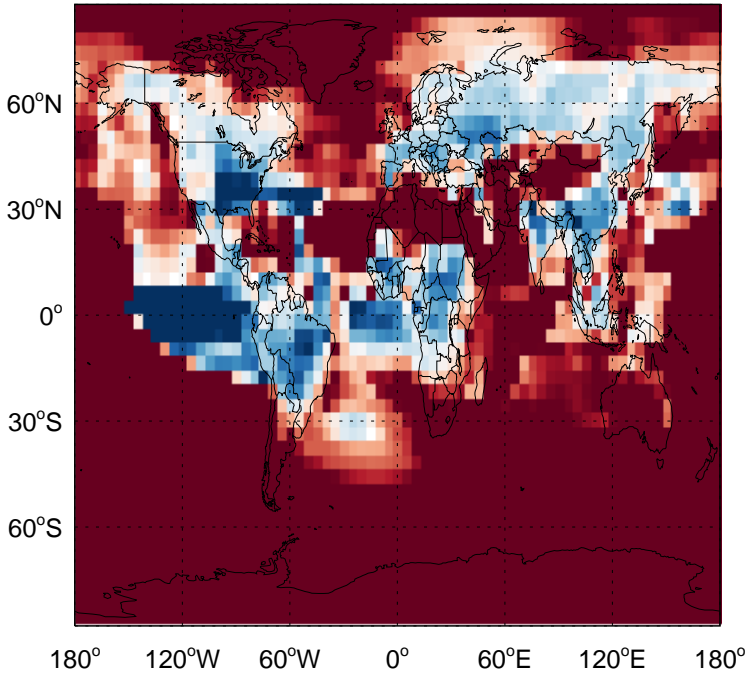


v11-02f-Run0 / v11-02e-Run0  
RCHO/ Ratio @ 500 hPa for Jul

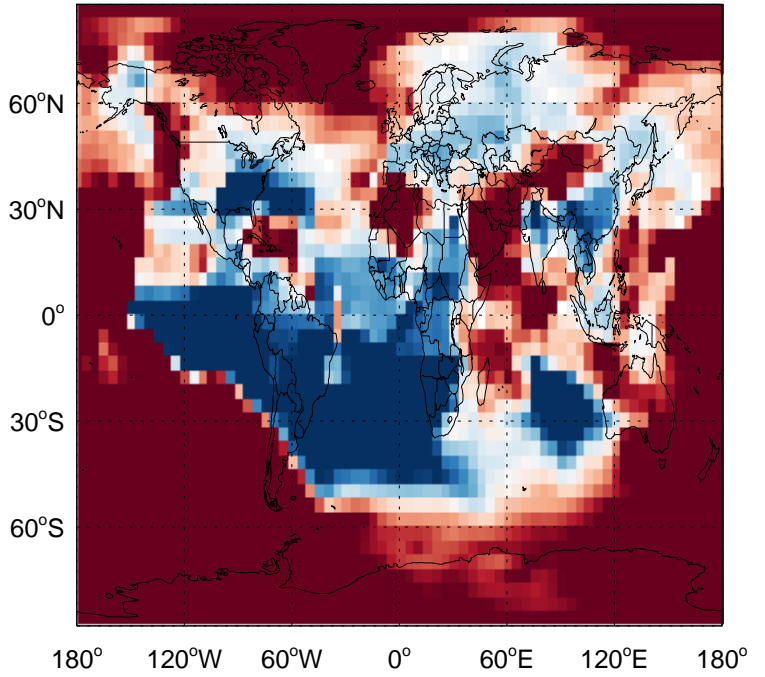


# GEOS-Chem Ratio Maps at surface and 500 hPa

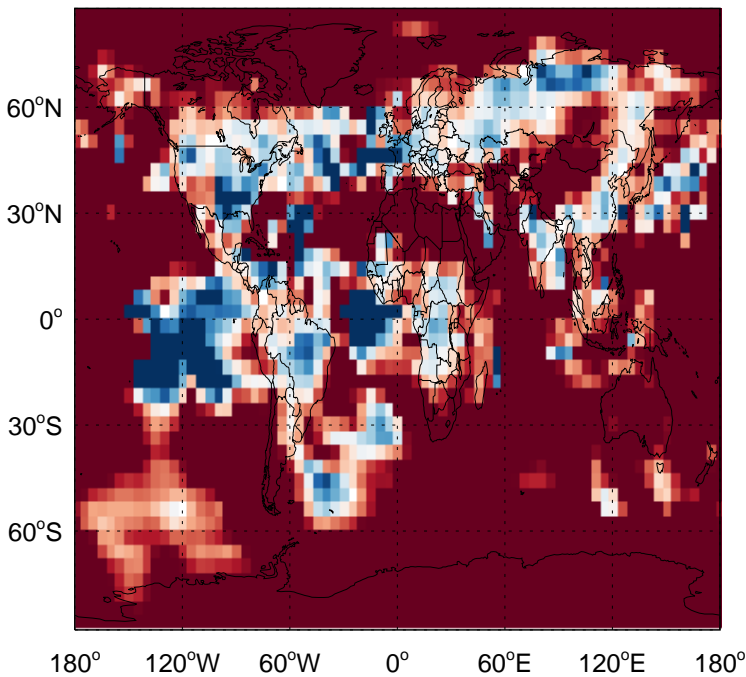
v11-02f-Run0 / v11-02e-Run1  
MVK / Ratio @ Surface for Jul



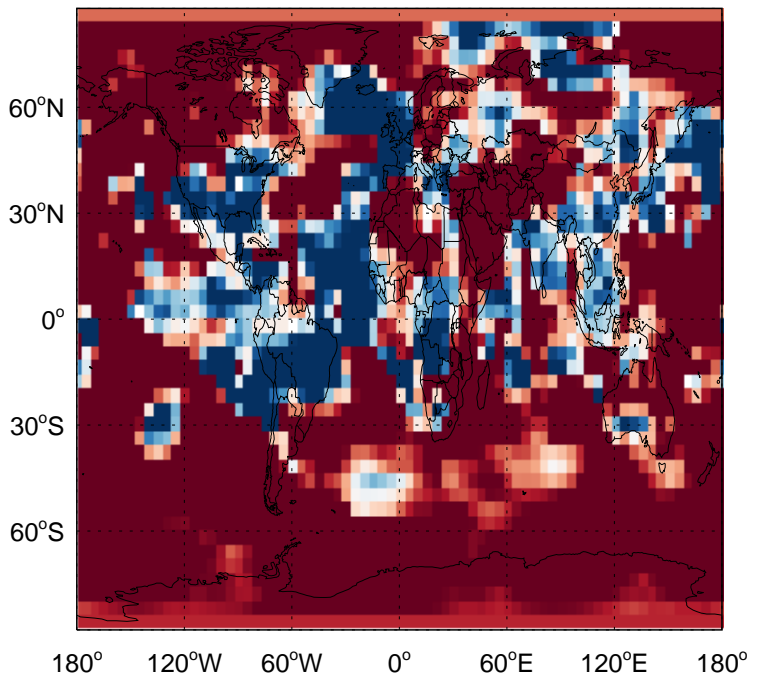
v11-02f-Run0 / v11-02e-Run1  
MVK / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MVK / Ratio @ Surface for Jul

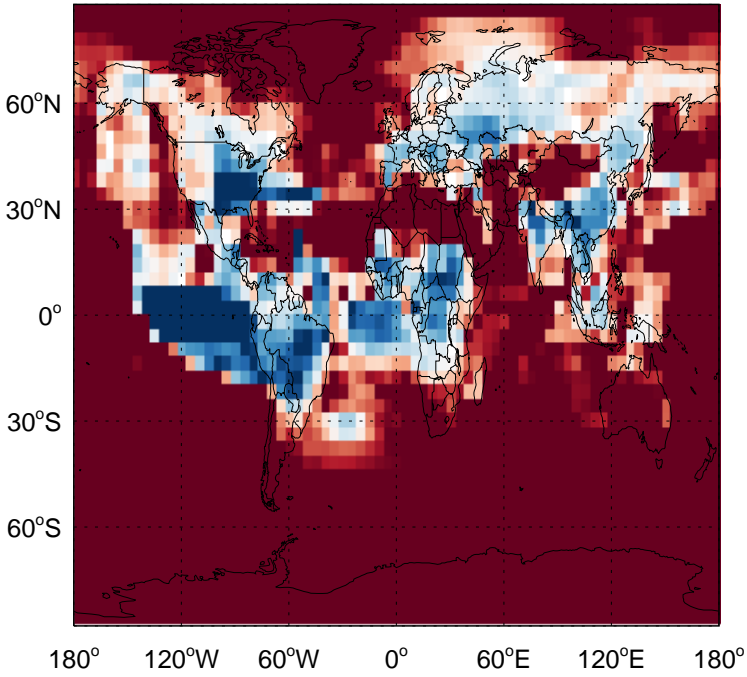


v11-02f-Run0 / v11-02e-Run0  
MVK / Ratio @ 500 hPa for Jul

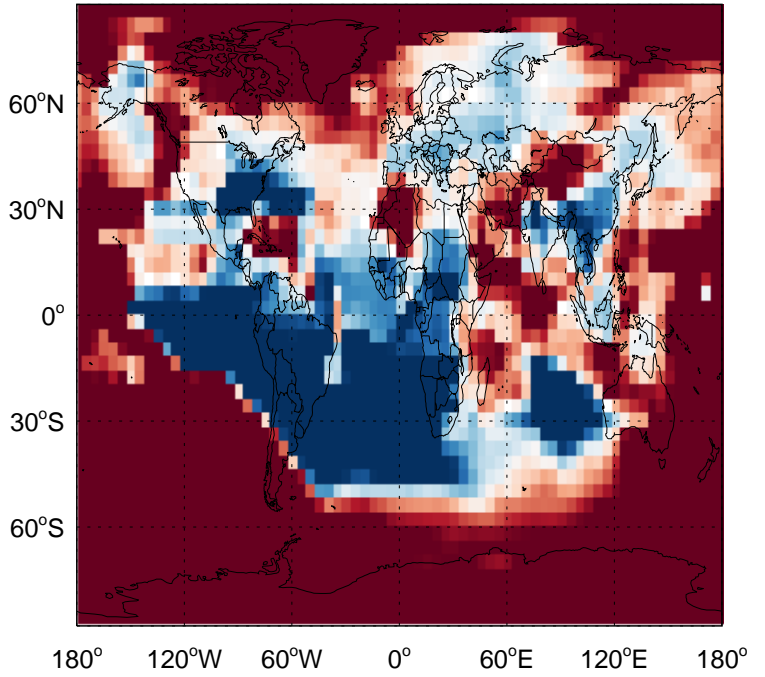


# GEOS-Chem Ratio Maps at surface and 500 hPa

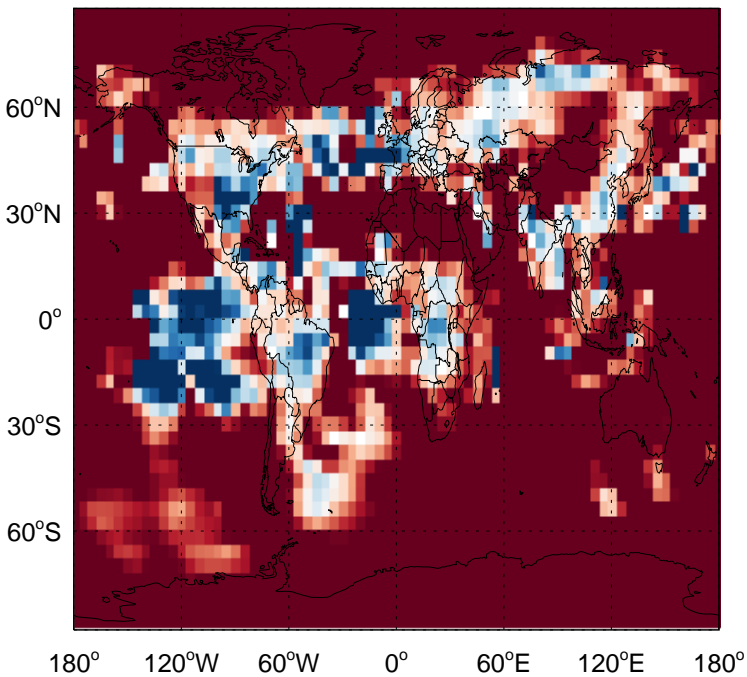
v11-02f-Run0 / v11-02e-Run1  
MACR / Ratio @ Surface for Jul



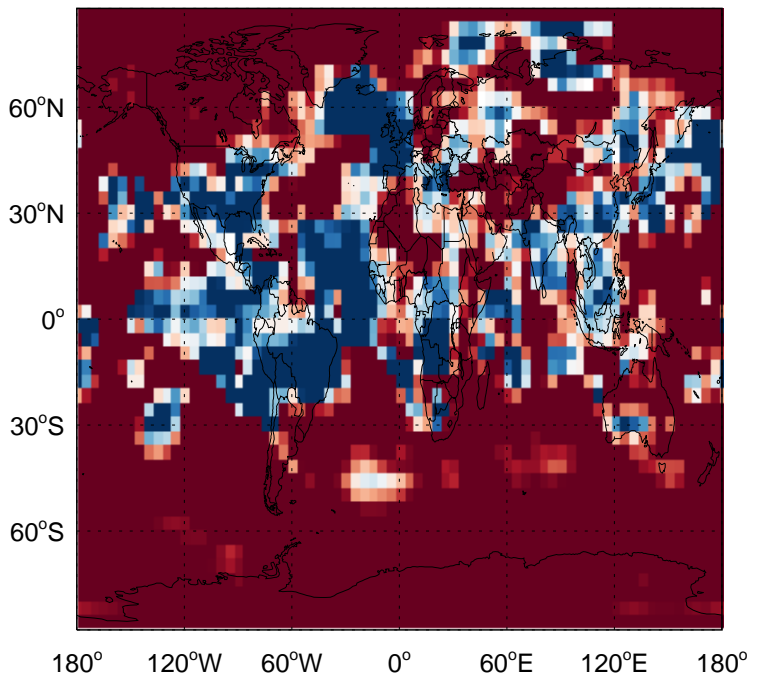
v11-02f-Run0 / v11-02e-Run1  
MACR/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MACR / Ratio @ Surface for Jul

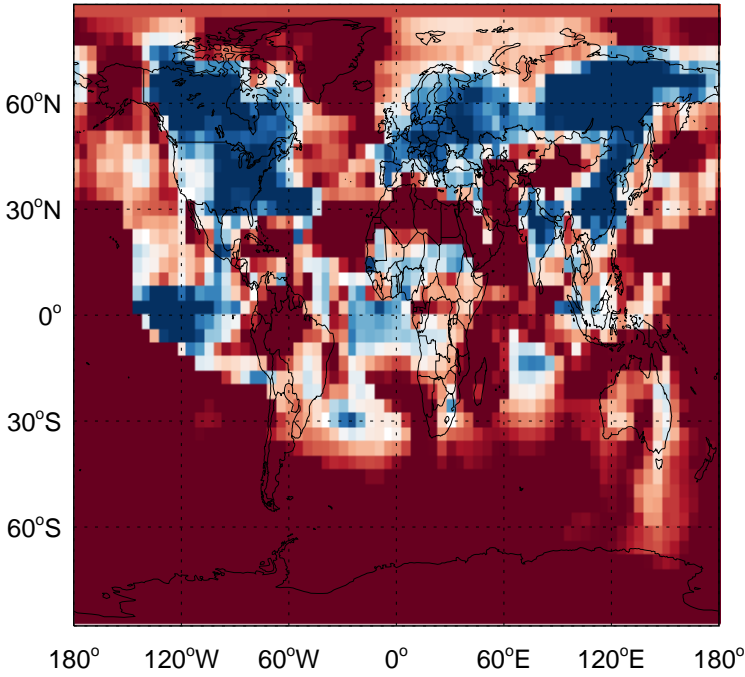


v11-02f-Run0 / v11-02e-Run0  
MACR/ Ratio @ 500 hPa for Jul

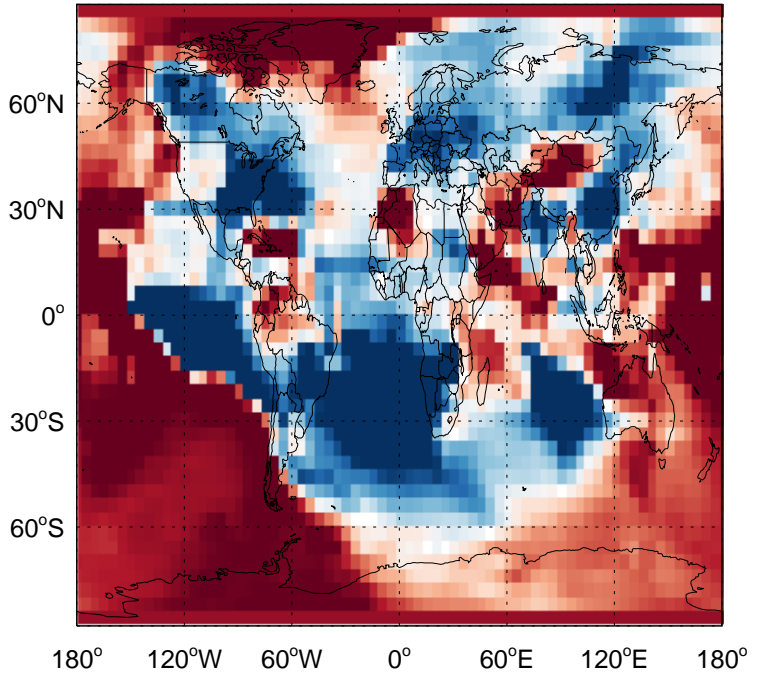


# GEOS-Chem Ratio Maps at surface and 500 hPa

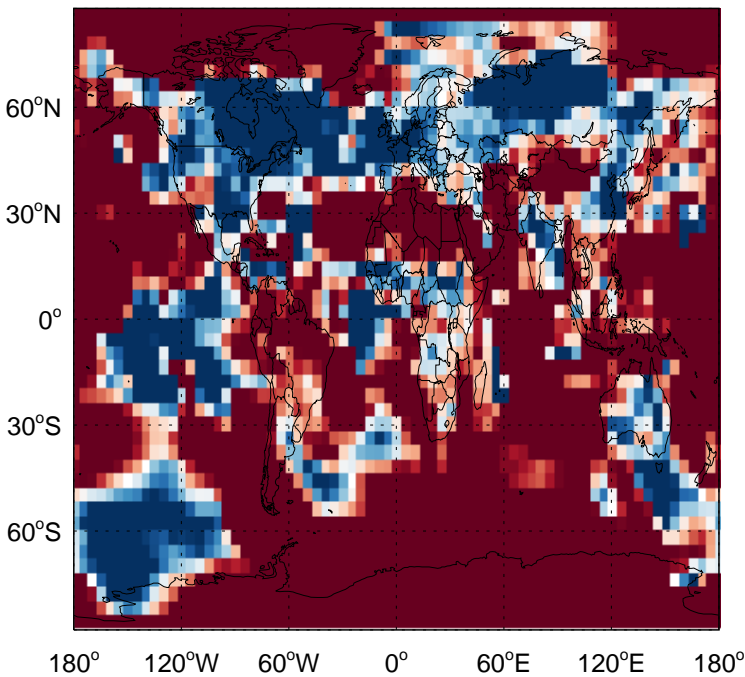
v11-02f-Run0 / v11-02e-Run1  
NPMN / Ratio @ Surface for Jul



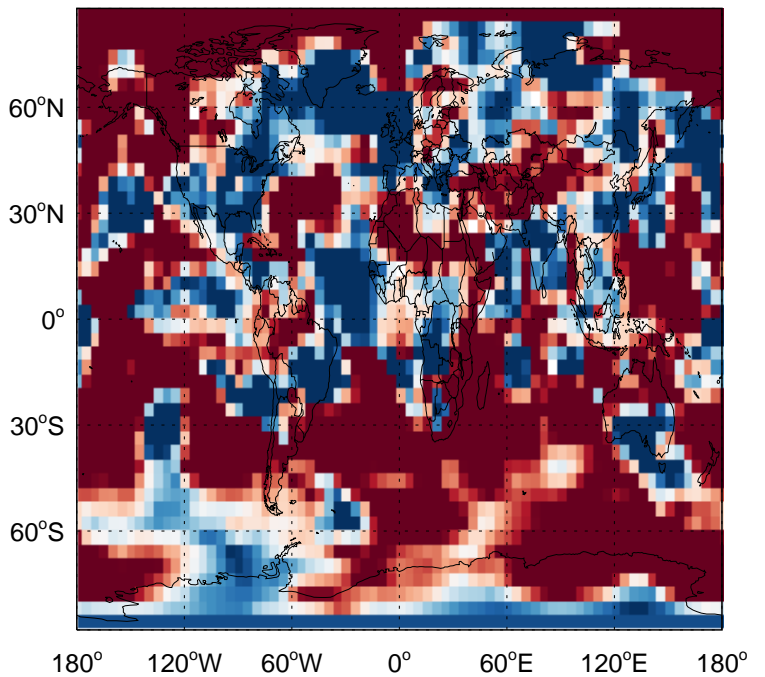
v11-02f-Run0 / v11-02e-Run1  
NPMN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
NPMN / Ratio @ Surface for Jul



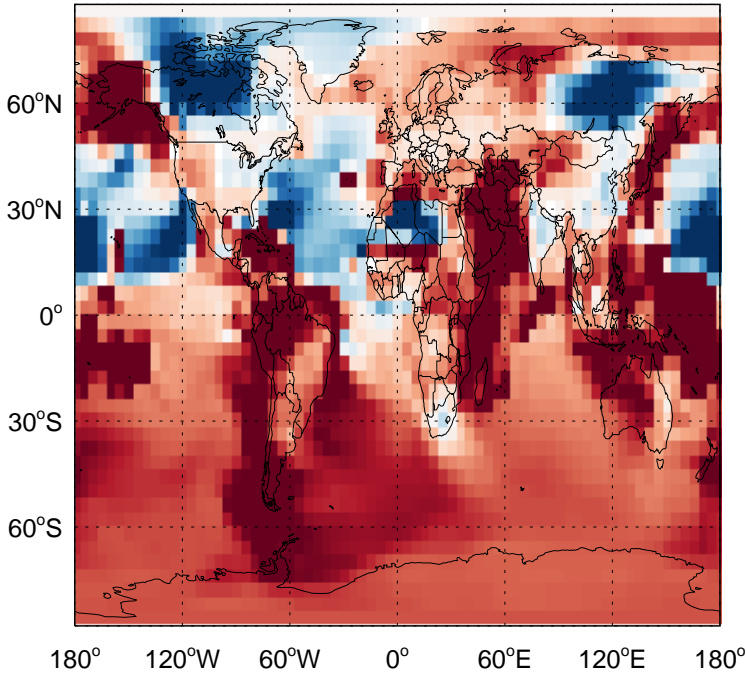
v11-02f-Run0 / v11-02e-Run0  
NPMN/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

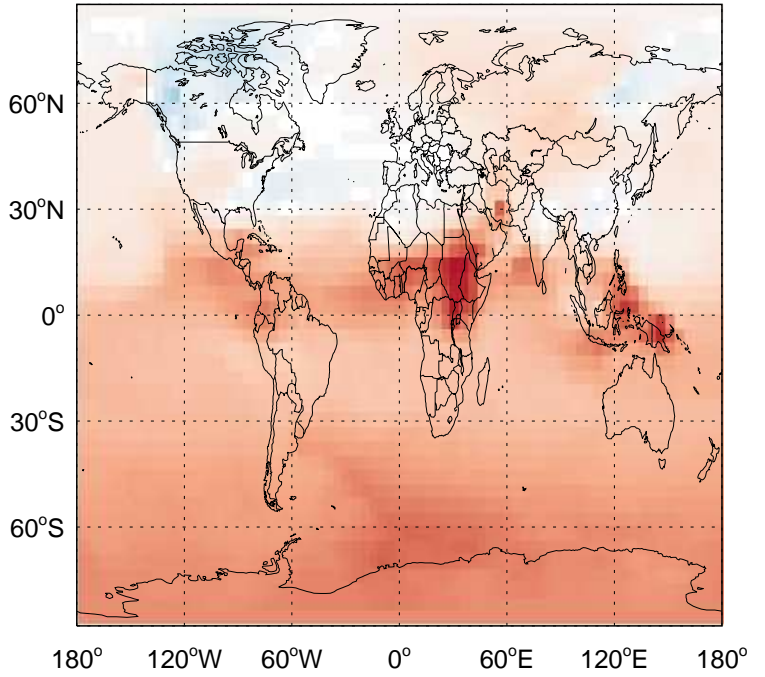
v11-02f-Run0 / v11-02e-Run1

PPN / Ratio @ Surface for Jul



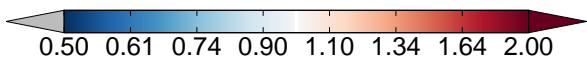
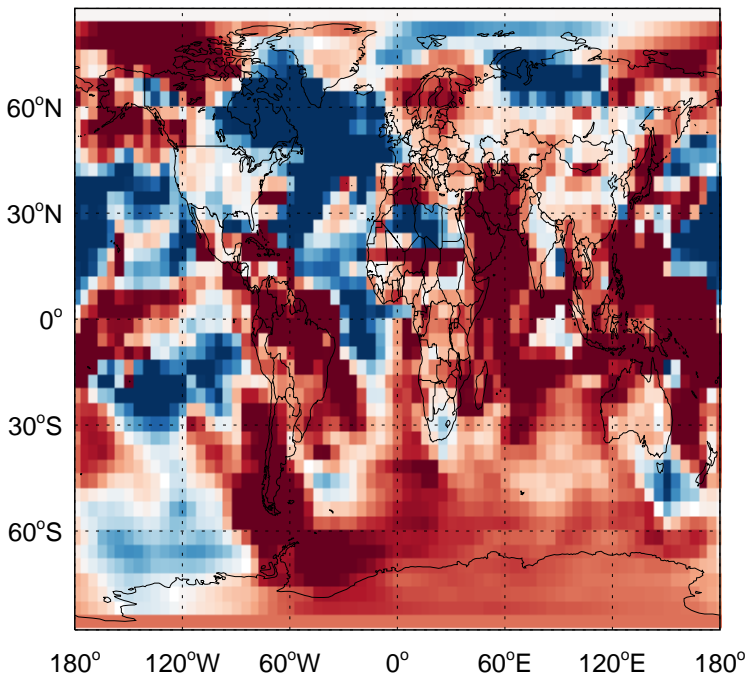
v11-02f-Run0 / v11-02e-Run1

PPN/ Ratio @ 500 hPa for Jul



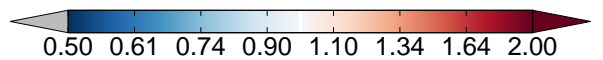
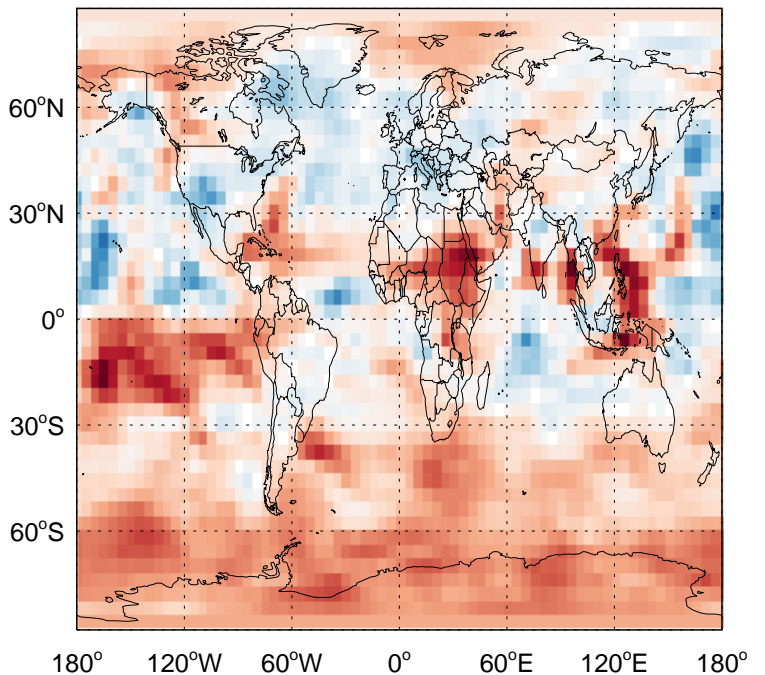
v11-02f-Run0 / v11-02e-Run0

PPN / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

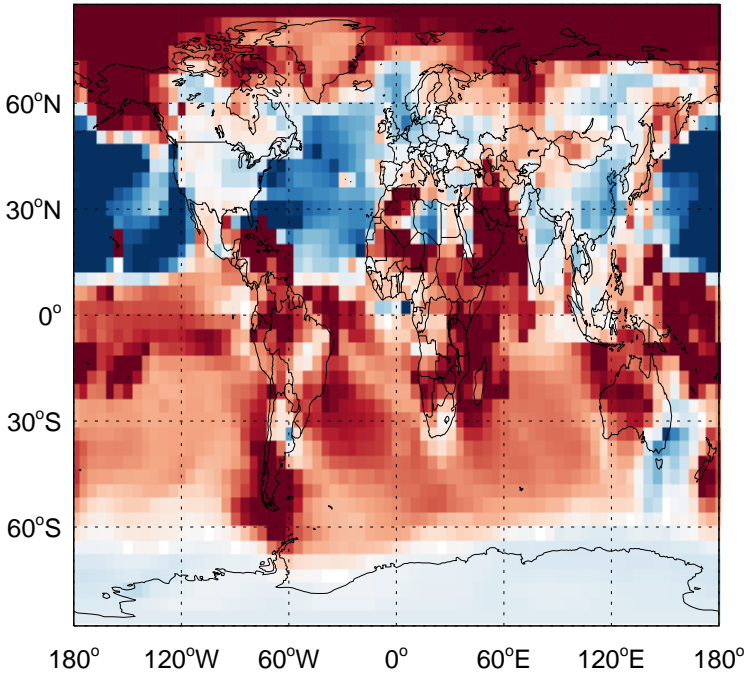
PPN/ Ratio @ 500 hPa for Jul



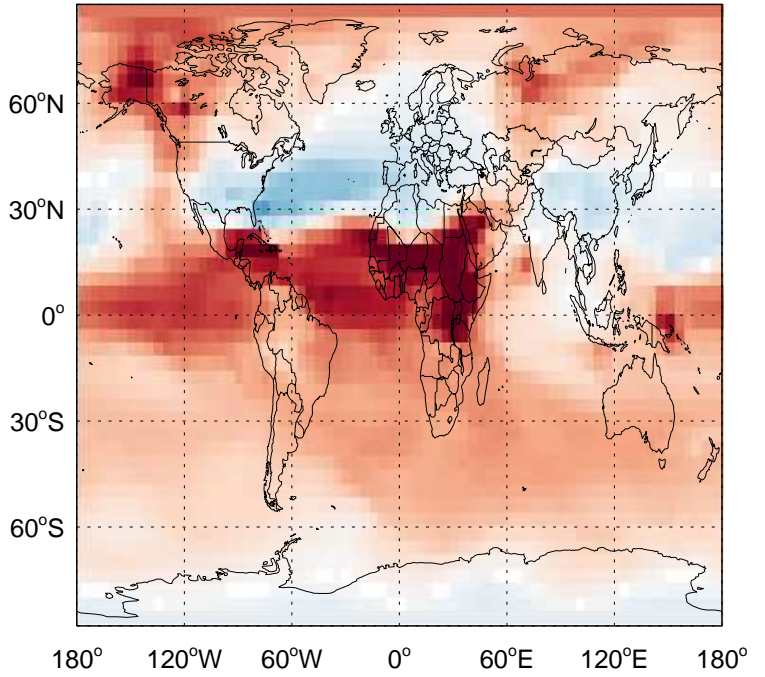


# GEOS-Chem Ratio Maps at surface and 500 hPa

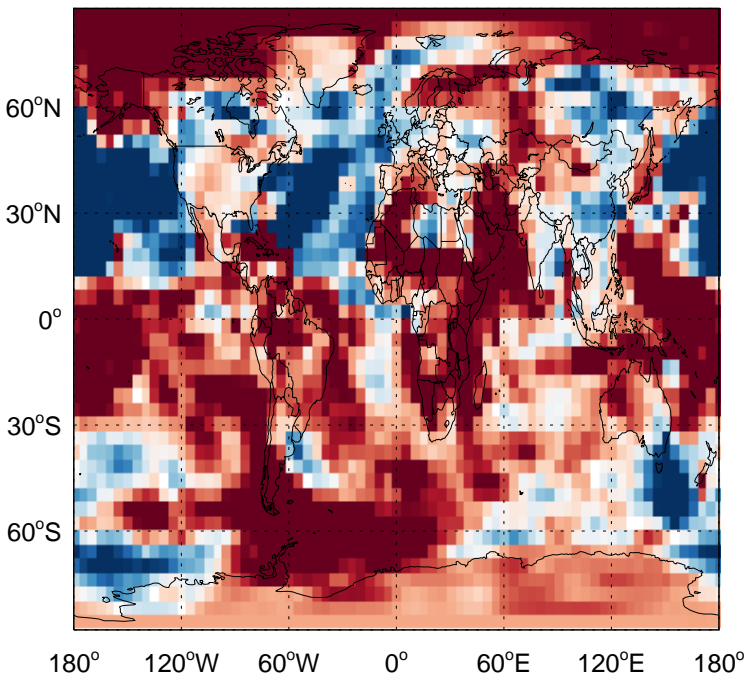
v11-02f-Run0 / v11-02e-Run1  
R4N2 / Ratio @ Surface for Jul



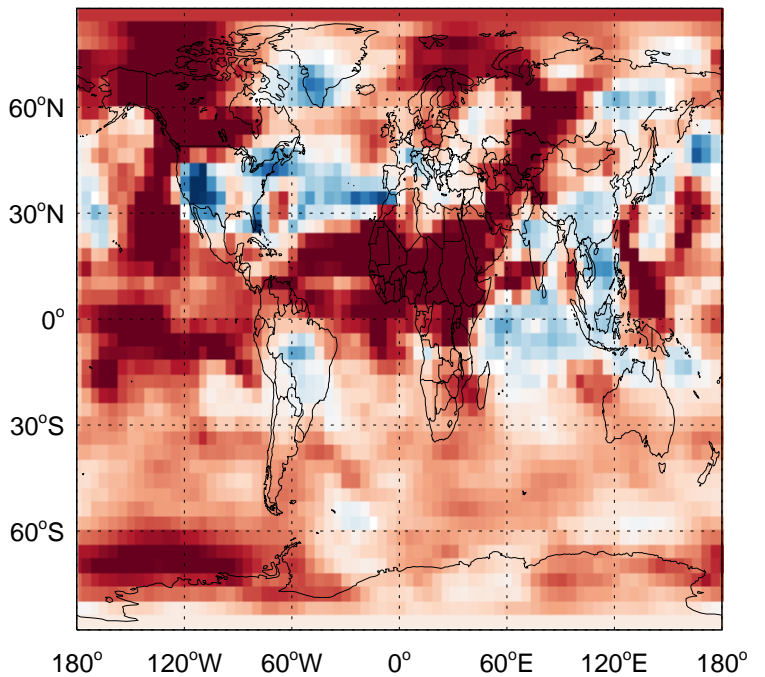
v11-02f-Run0 / v11-02e-Run1  
R4N2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
R4N2 / Ratio @ Surface for Jul

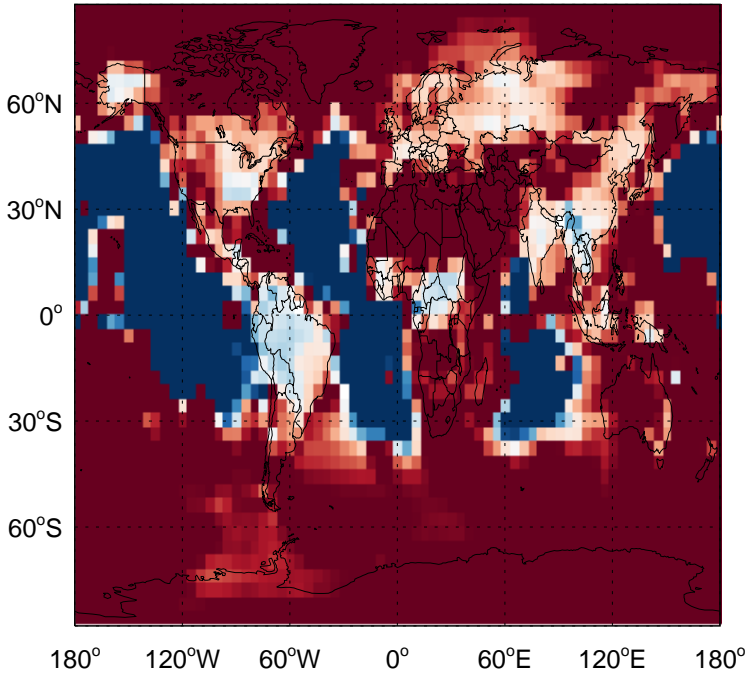


v11-02f-Run0 / v11-02e-Run0  
R4N2/ Ratio @ 500 hPa for Jul

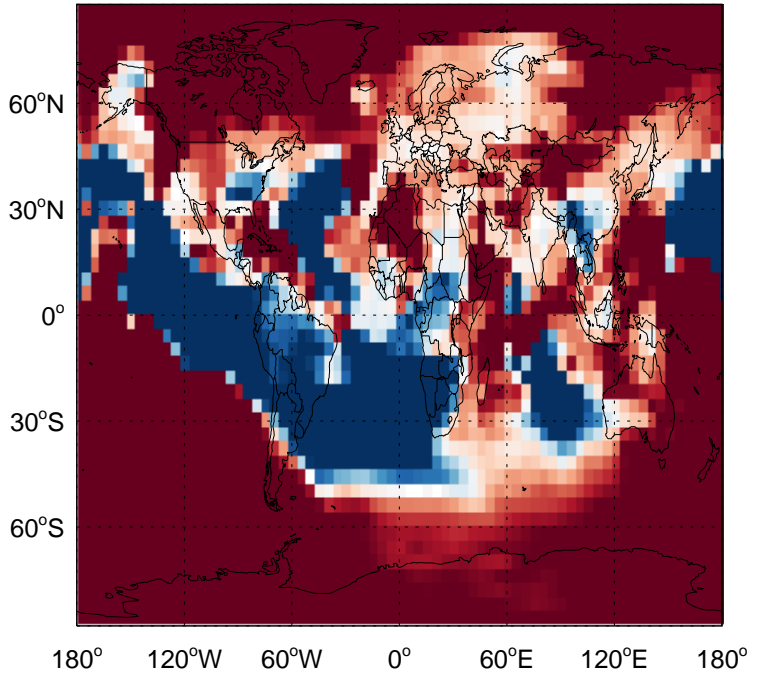


# GEOS-Chem Ratio Maps at surface and 500 hPa

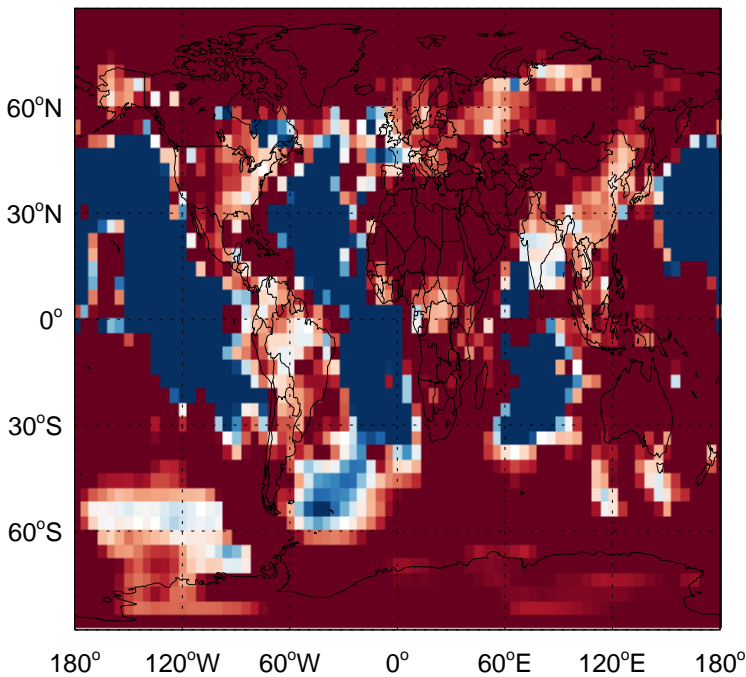
v11-02f-Run0 / v11-02e-Run1  
PRPE / Ratio @ Surface for Jul



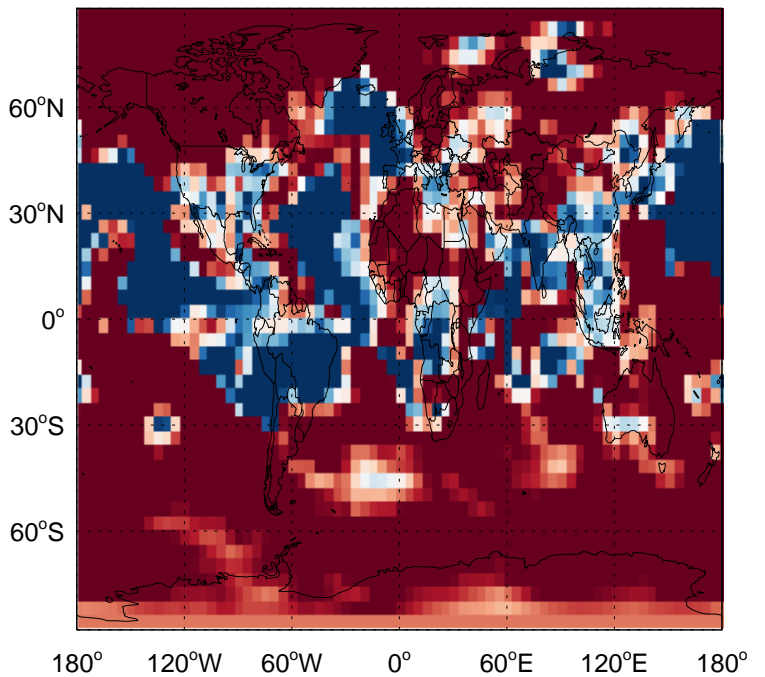
v11-02f-Run0 / v11-02e-Run1  
PRPE/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
PRPE / Ratio @ Surface for Jul

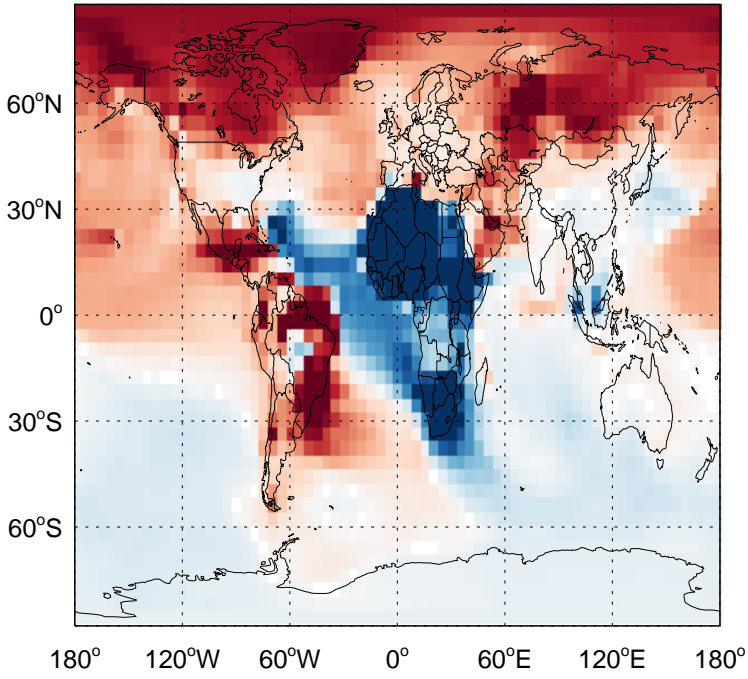


v11-02f-Run0 / v11-02e-Run0  
PRPE/ Ratio @ 500 hPa for Jul

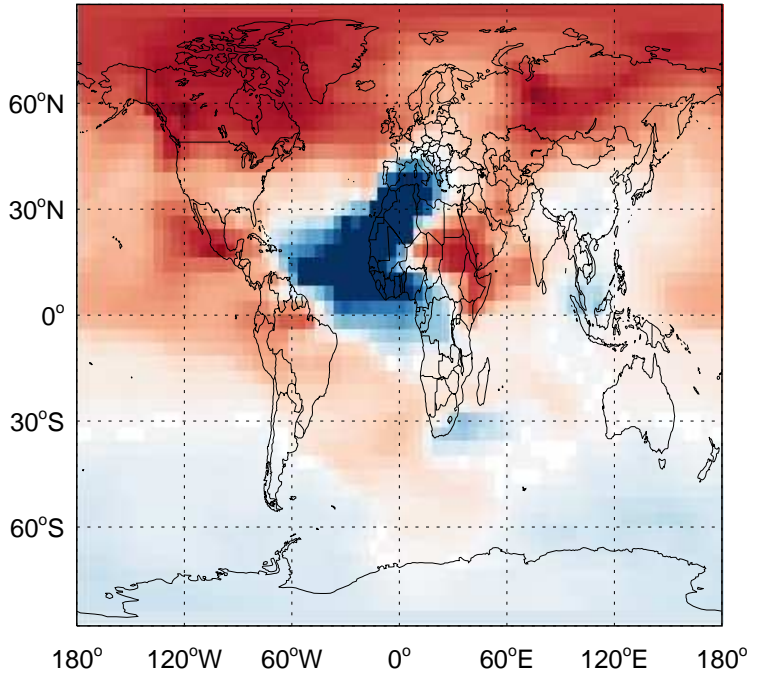


# GEOS-Chem Ratio Maps at surface and 500 hPa

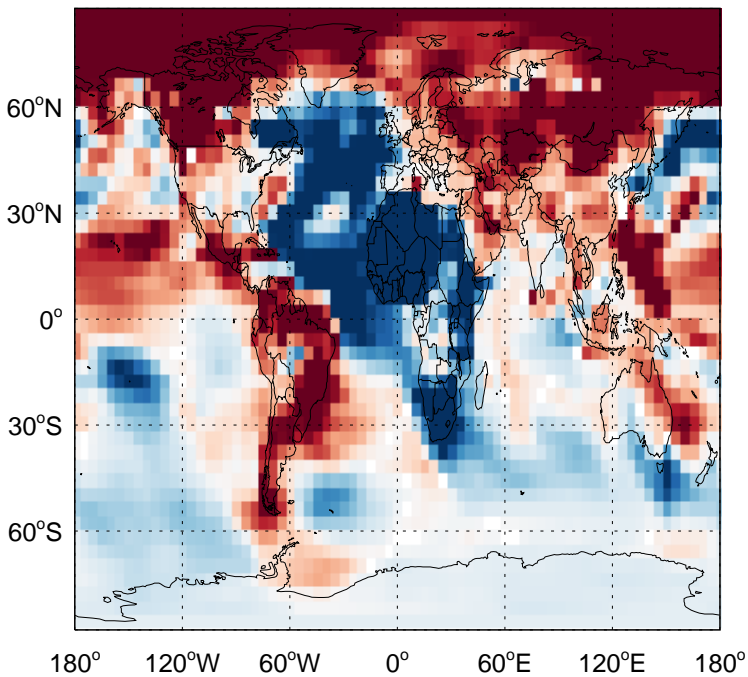
v11-02f-Run0 / v11-02e-Run1  
C3H8 / Ratio @ Surface for Jul



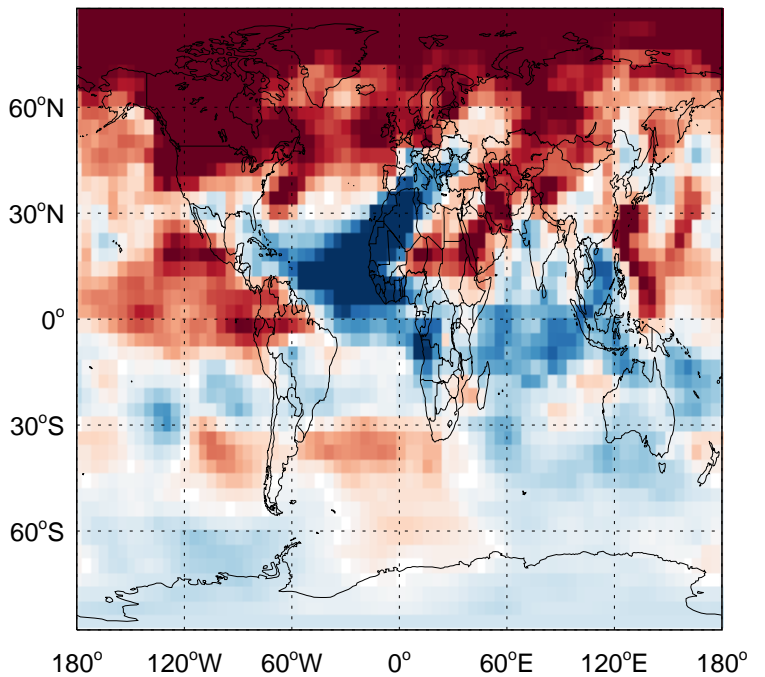
v11-02f-Run0 / v11-02e-Run1  
C3H8/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
C3H8 / Ratio @ Surface for Jul

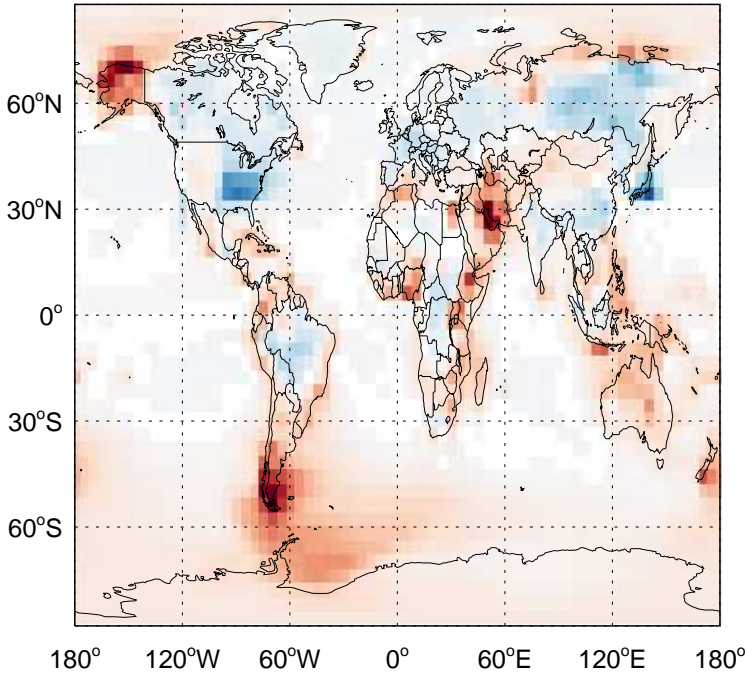


v11-02f-Run0 / v11-02e-Run0  
C3H8/ Ratio @ 500 hPa for Jul

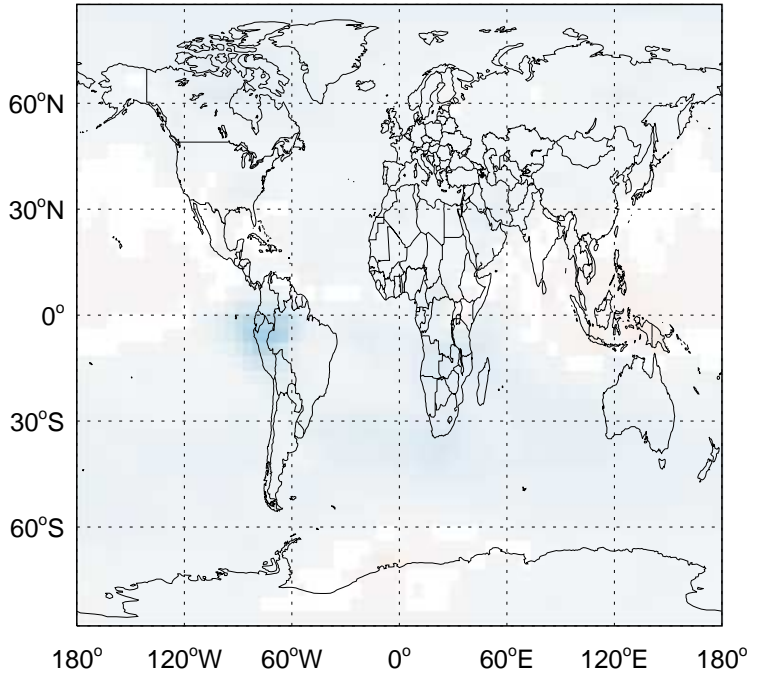


# GEOS-Chem Ratio Maps at surface and 500 hPa

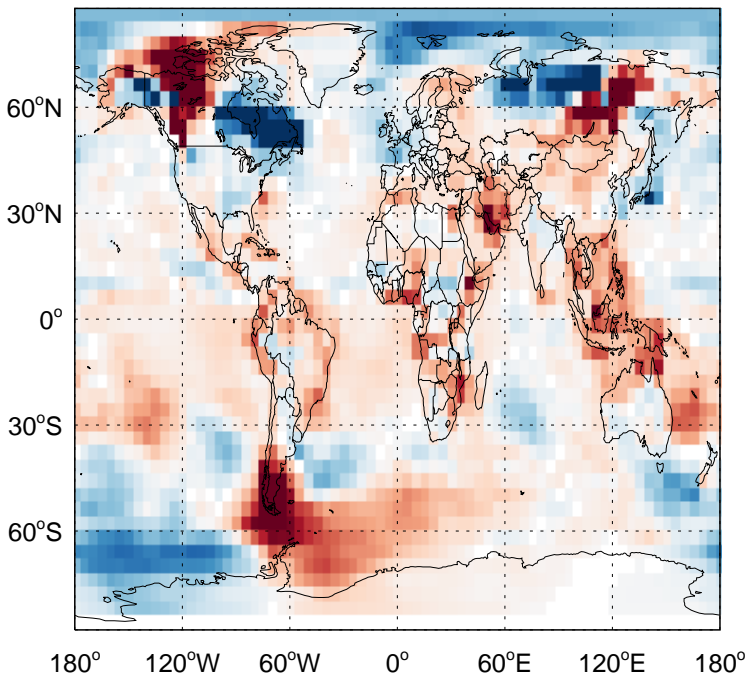
v11-02f-Run0 / v11-02e-Run1  
CH2O / Ratio @ Surface for Jul



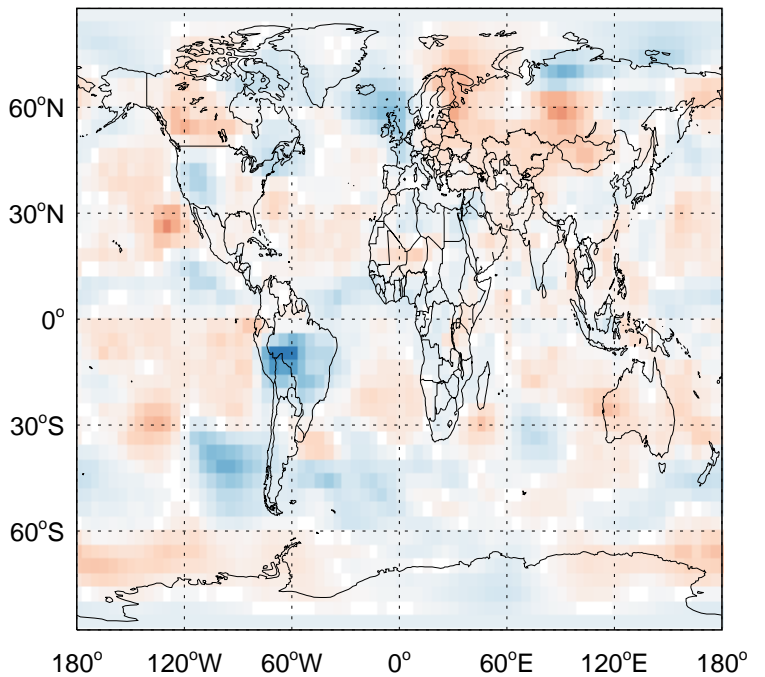
v11-02f-Run0 / v11-02e-Run1  
CH2O/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CH2O / Ratio @ Surface for Jul

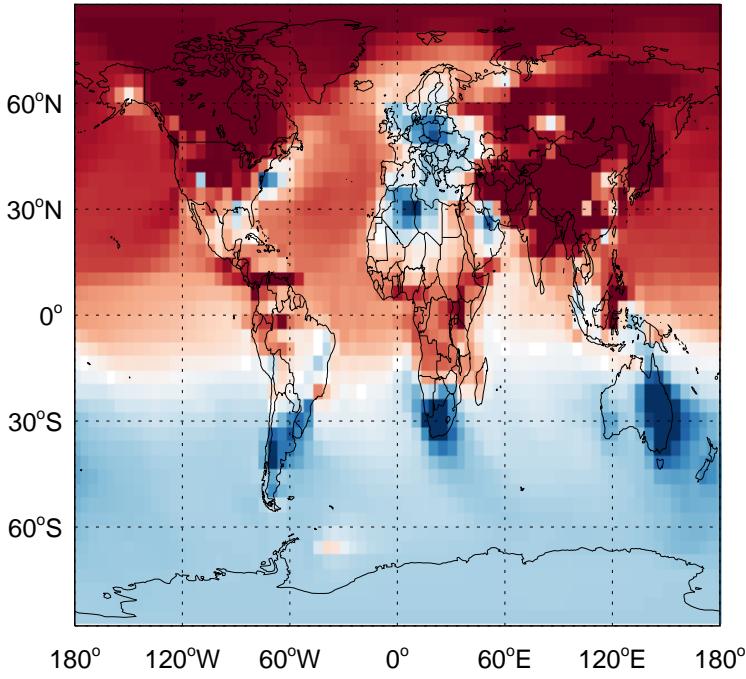


v11-02f-Run0 / v11-02e-Run0  
CH2O/ Ratio @ 500 hPa for Jul

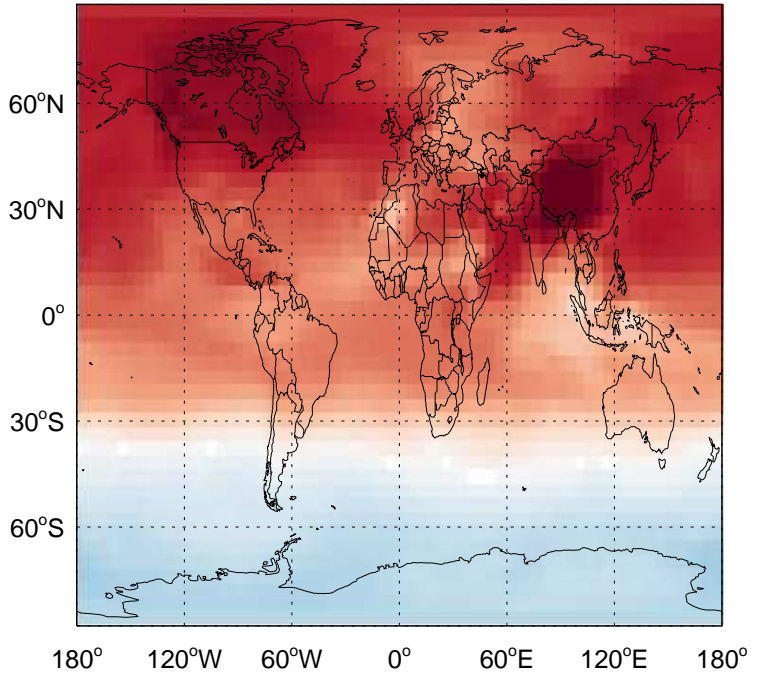


# GEOS-Chem Ratio Maps at surface and 500 hPa

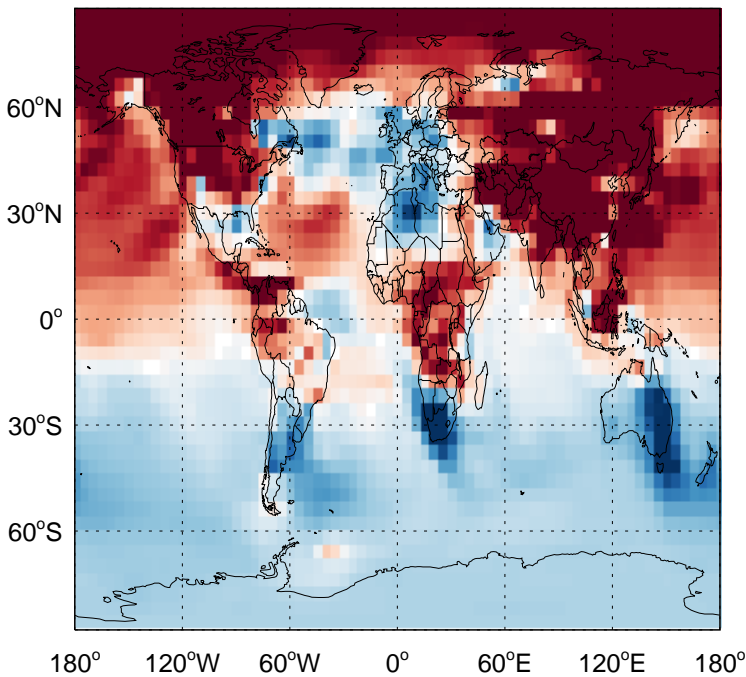
v11-02f-Run0 / v11-02e-Run1  
C2H6 / Ratio @ Surface for Jul



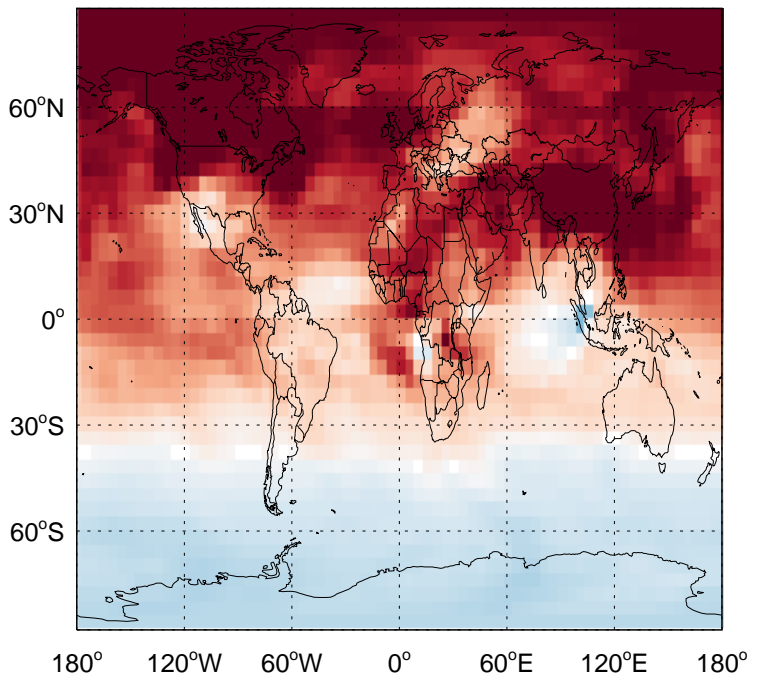
v11-02f-Run0 / v11-02e-Run1  
C2H6/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
C2H6 / Ratio @ Surface for Jul

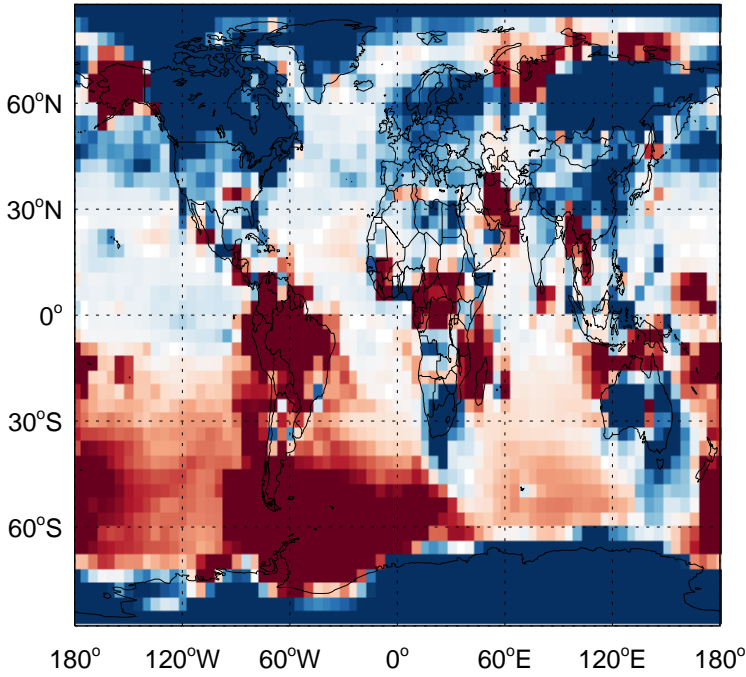


v11-02f-Run0 / v11-02e-Run0  
C2H6/ Ratio @ 500 hPa for Jul

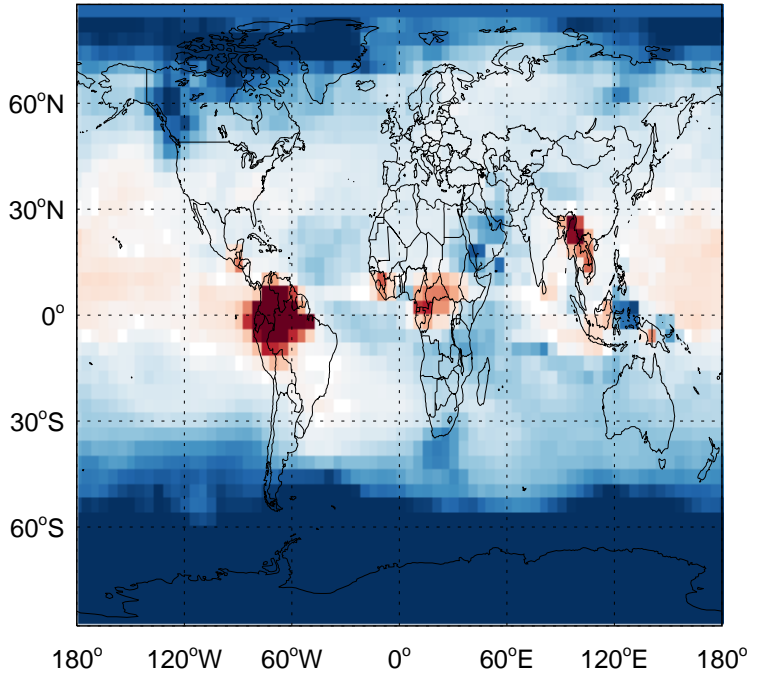


# GEOS-Chem Ratio Maps at surface and 500 hPa

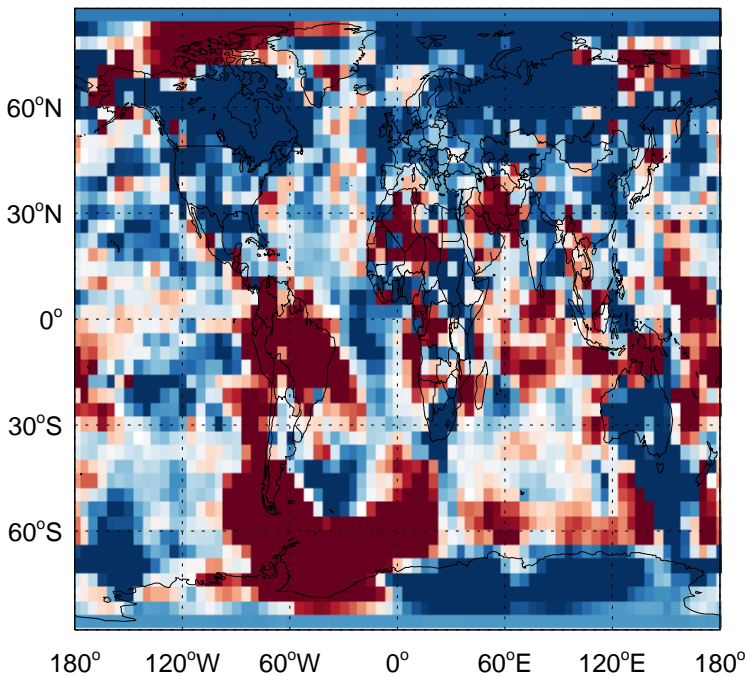
v11-02f-Run0 / v11-02e-Run1  
N2O5 / Ratio @ Surface for Jul



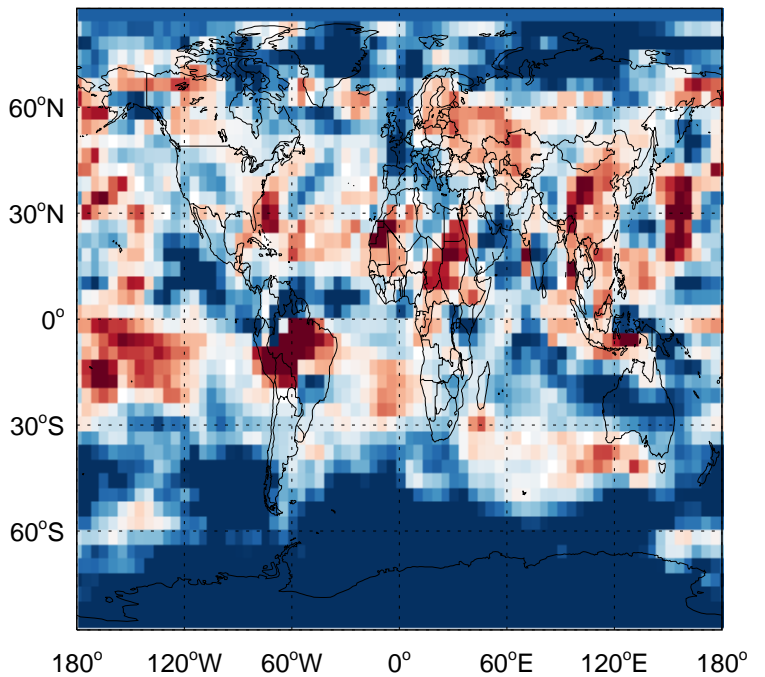
v11-02f-Run0 / v11-02e-Run1  
N2O5/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
N2O5 / Ratio @ Surface for Jul

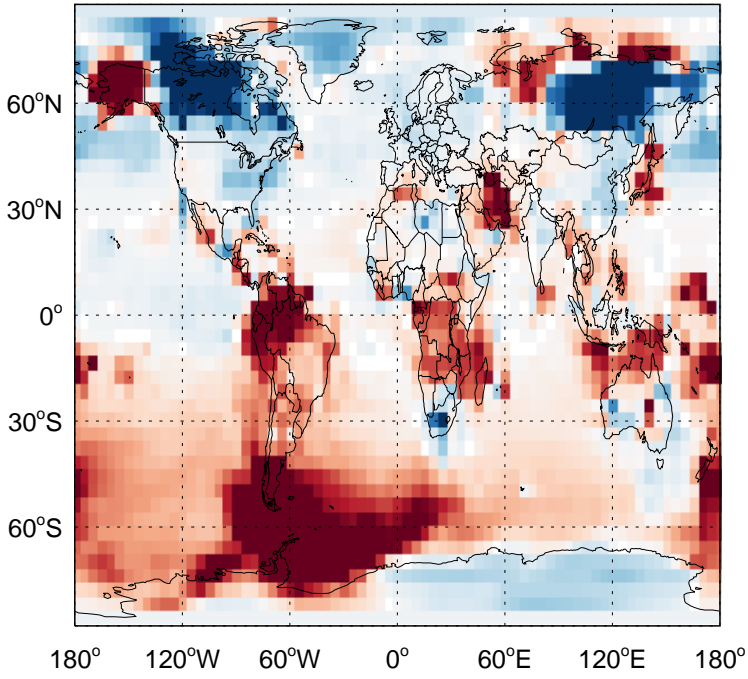


v11-02f-Run0 / v11-02e-Run0  
N2O5/ Ratio @ 500 hPa for Jul

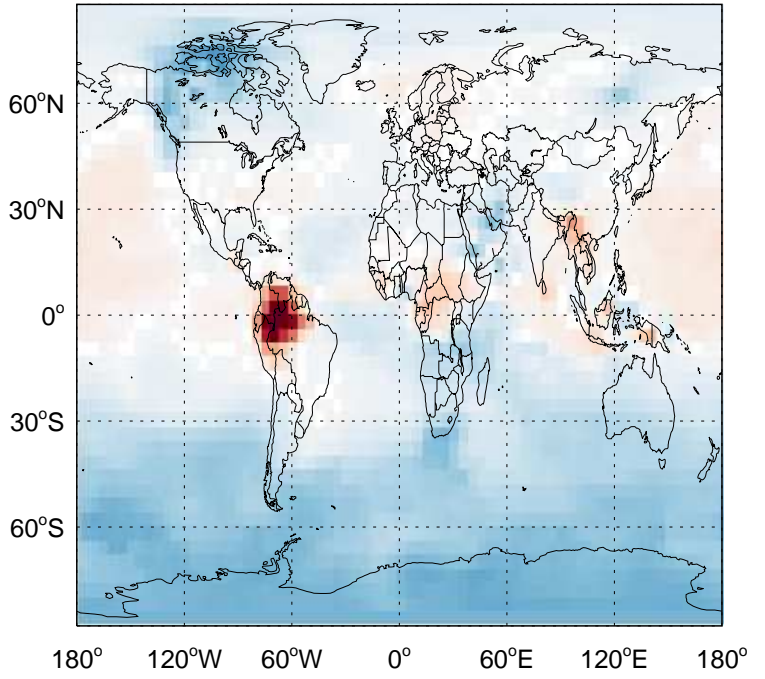


# GEOS-Chem Ratio Maps at surface and 500 hPa

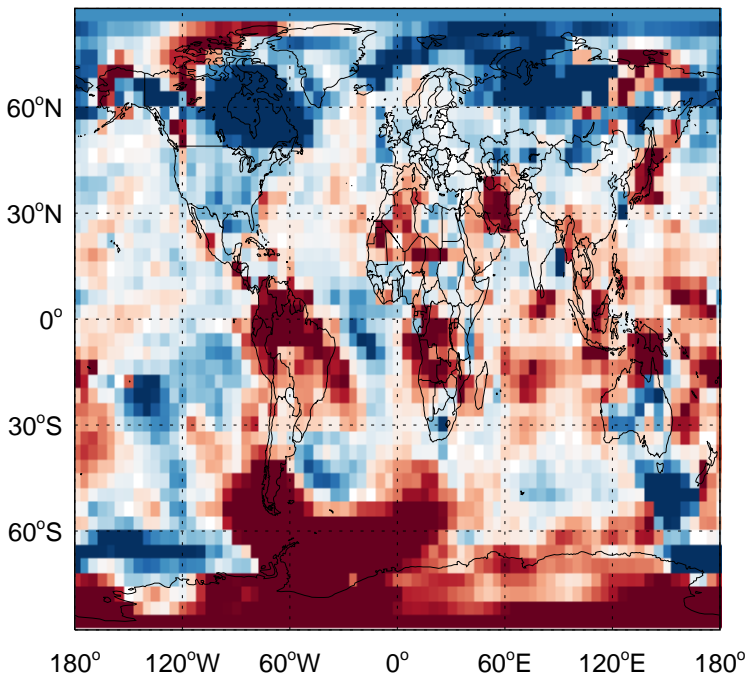
v11-02f-Run0 / v11-02e-Run1  
HNO<sub>4</sub> / Ratio @ Surface for Jul



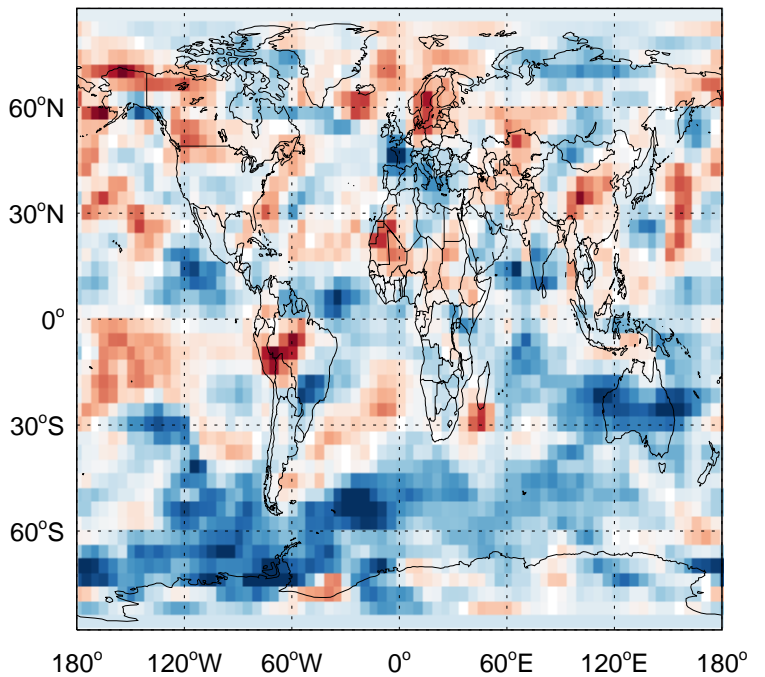
v11-02f-Run0 / v11-02e-Run1  
HNO<sub>4</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HNO<sub>4</sub> / Ratio @ Surface for Jul

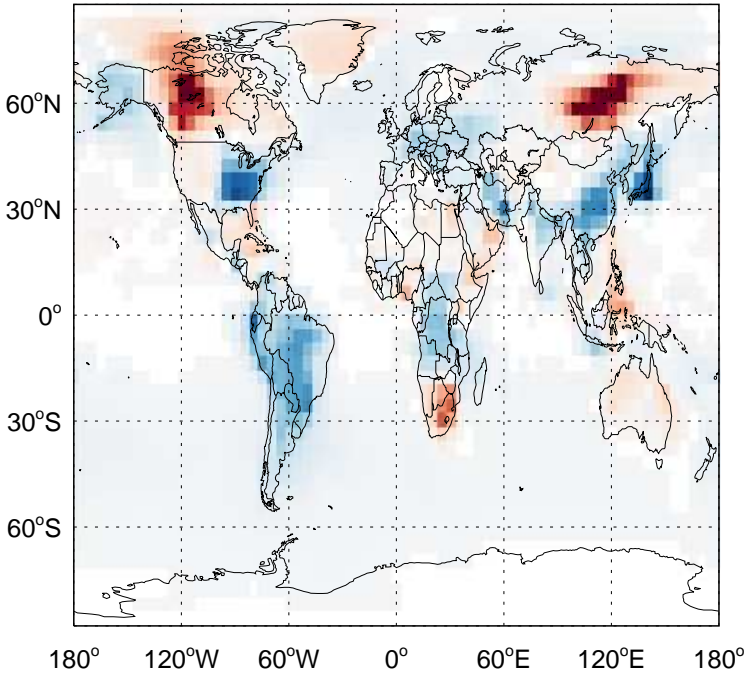


v11-02f-Run0 / v11-02e-Run0  
HNO<sub>4</sub> / Ratio @ 500 hPa for Jul

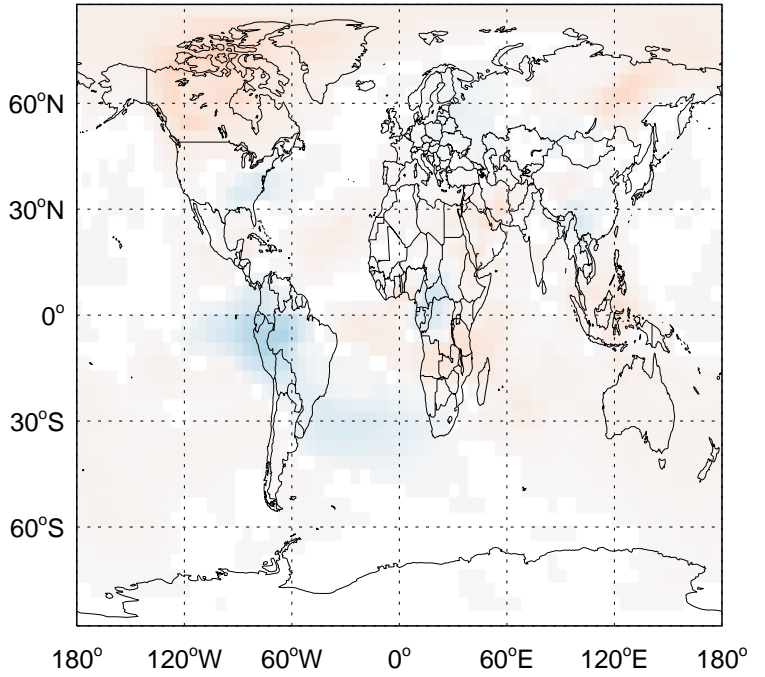


# GEOS-Chem Ratio Maps at surface and 500 hPa

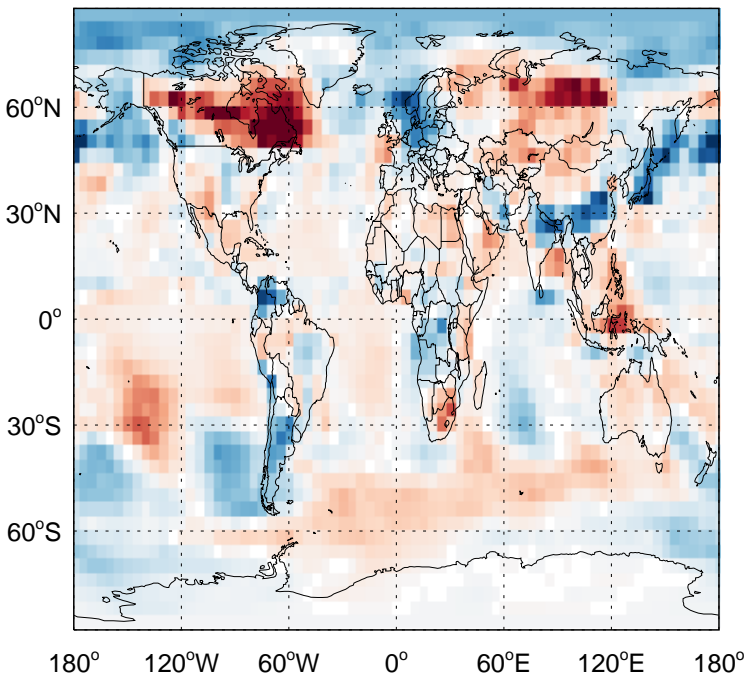
v11-02f-Run0 / v11-02e-Run1  
MP / Ratio @ Surface for Jul



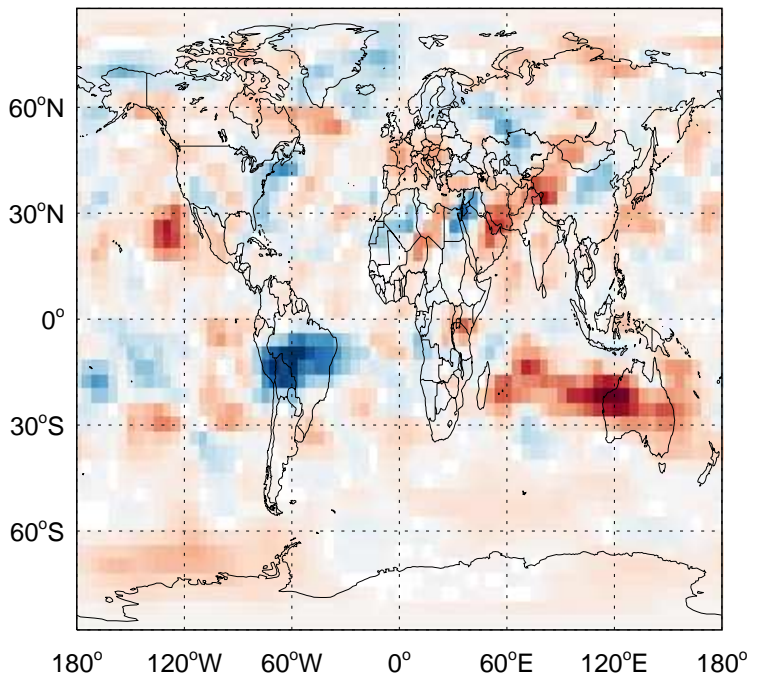
v11-02f-Run0 / v11-02e-Run1  
MP/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MP / Ratio @ Surface for Jul



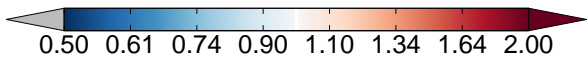
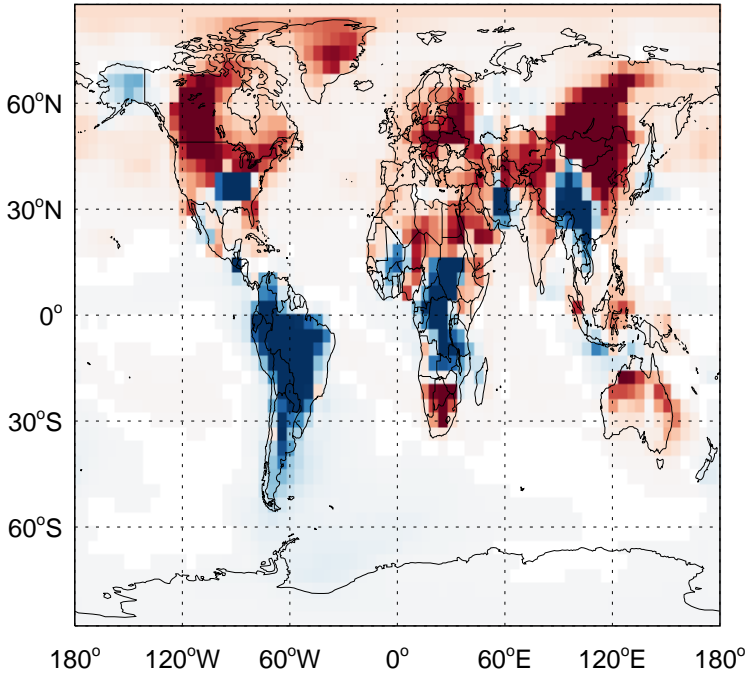
v11-02f-Run0 / v11-02e-Run0  
MP/ Ratio @ 500 hPa for Jul



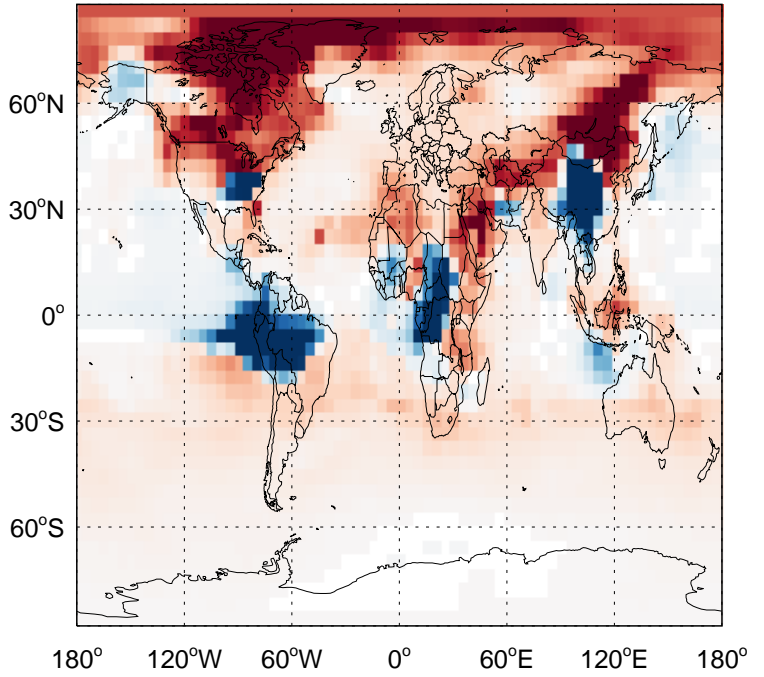


# GEOS-Chem Ratio Maps at surface and 500 hPa

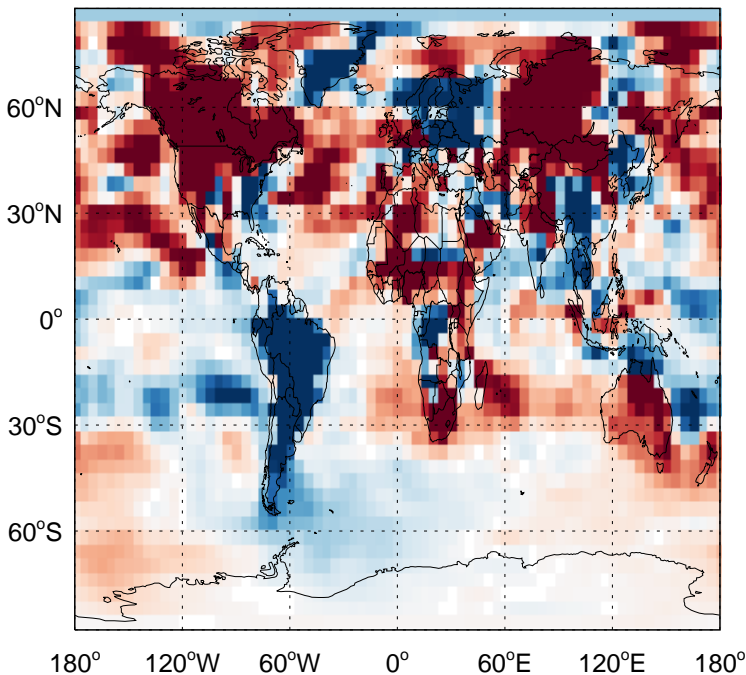
v11-02f-Run0 / v11-02e-Run1  
DMS / Ratio @ Surface for Jul



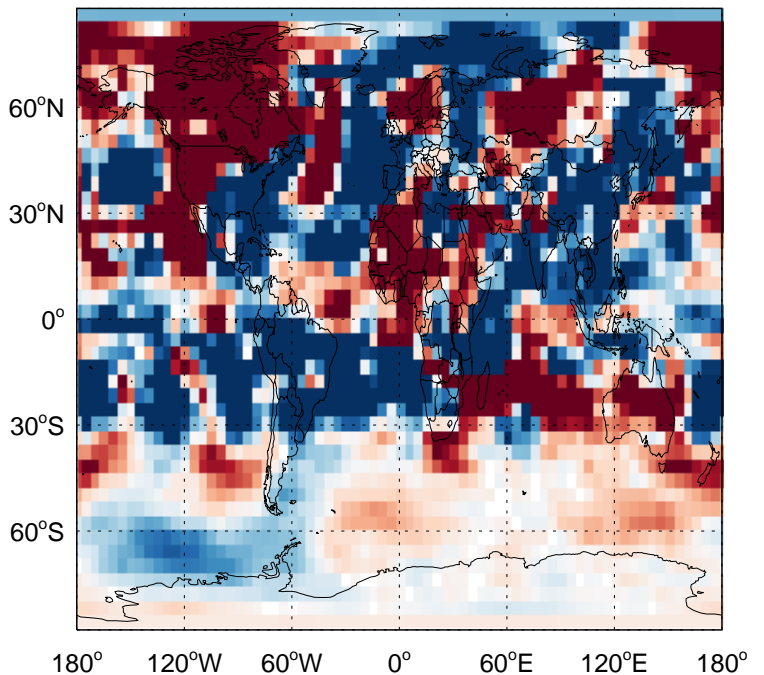
v11-02f-Run0 / v11-02e-Run1  
DMS/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
DMS / Ratio @ Surface for Jul



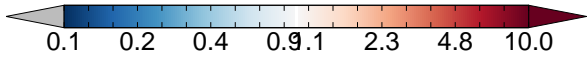
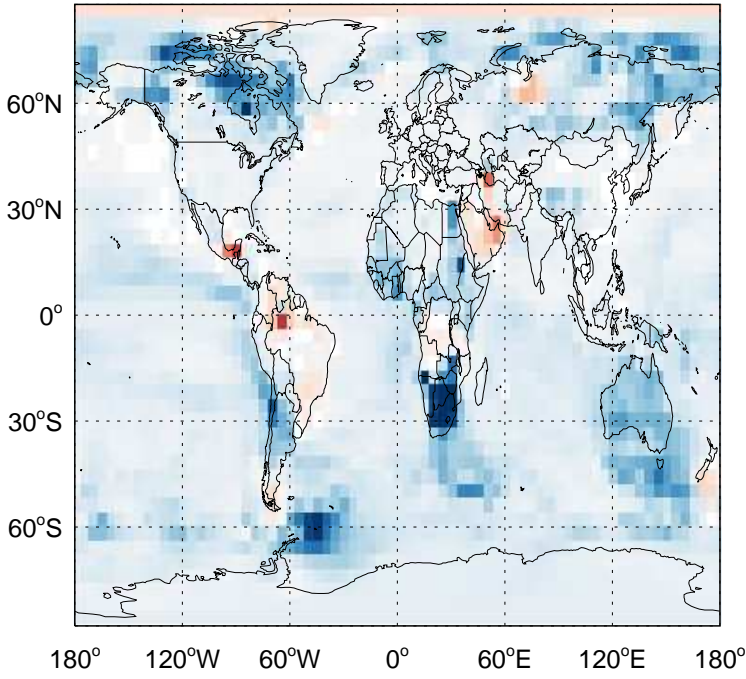
v11-02f-Run0 / v11-02e-Run0  
DMS/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

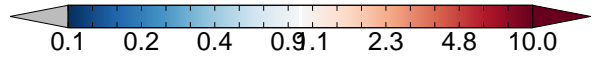
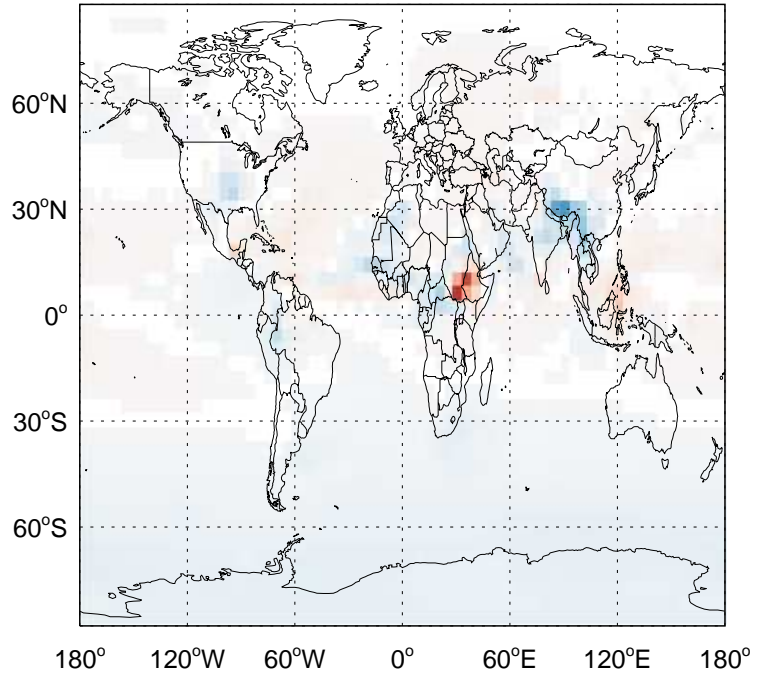
v11-02f-Run0 / v11-02e-Run1

SO<sub>2</sub> / Ratio @ Surface for Jul



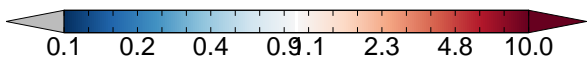
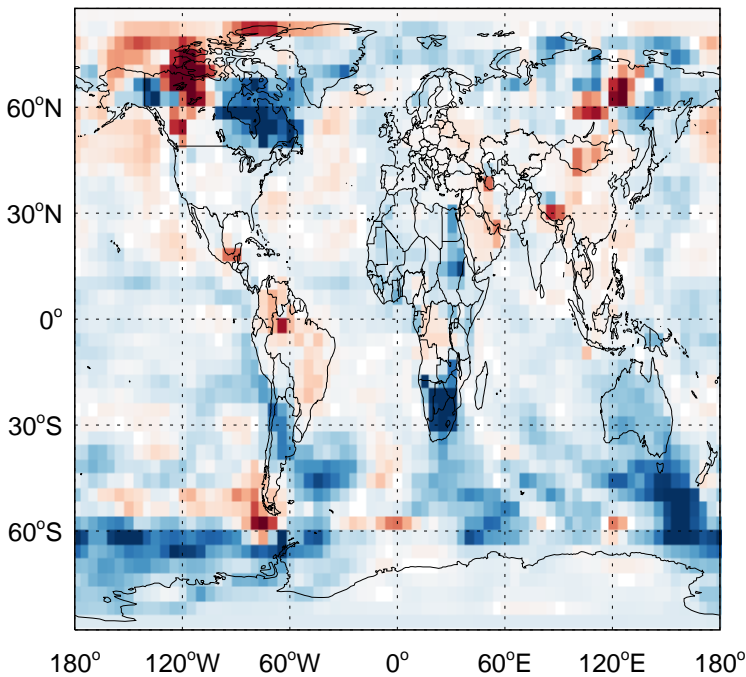
v11-02f-Run0 / v11-02e-Run1

SO<sub>2</sub> / Ratio @ 500 hPa for Jul



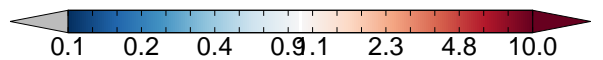
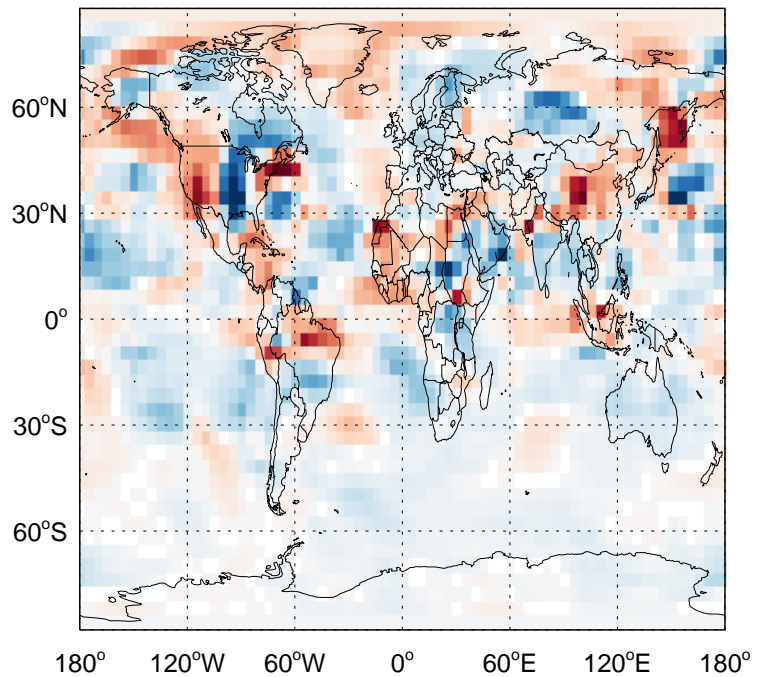
v11-02f-Run0 / v11-02e-Run0

SO<sub>2</sub> / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

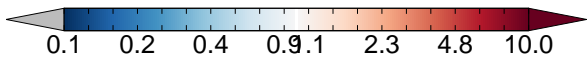
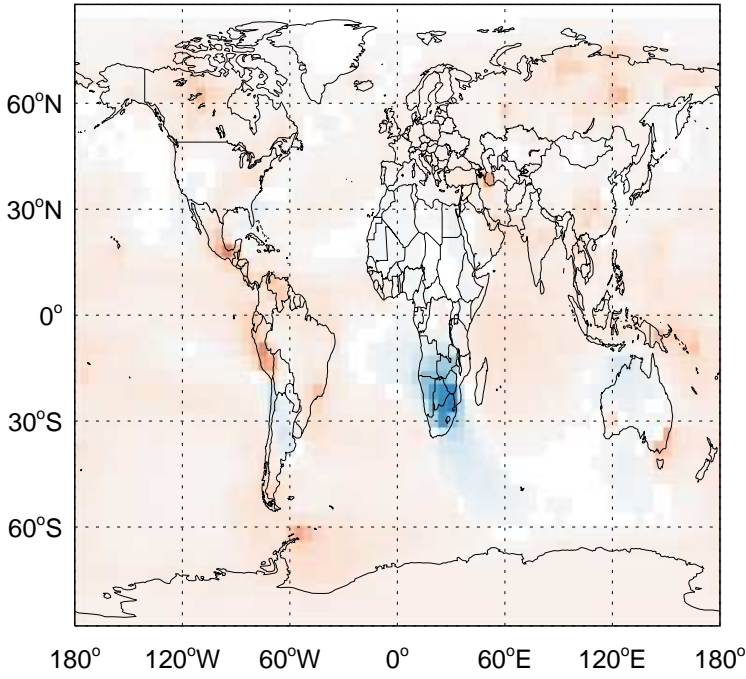
SO<sub>2</sub> / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

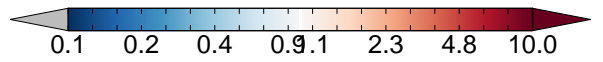
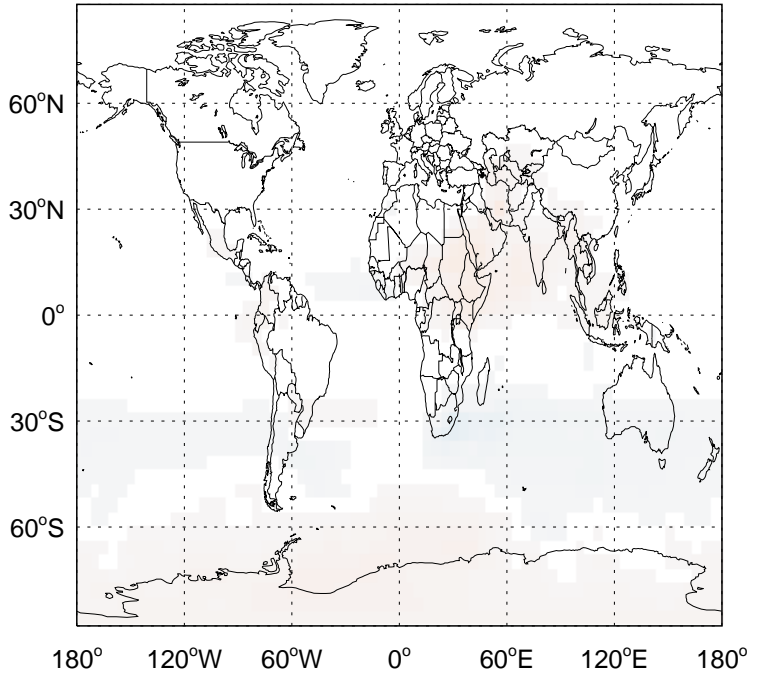
v11-02f-Run0 / v11-02e-Run1

SO<sub>4</sub> / Ratio @ Surface for Jul



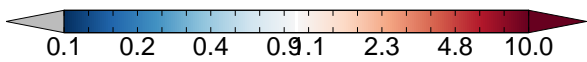
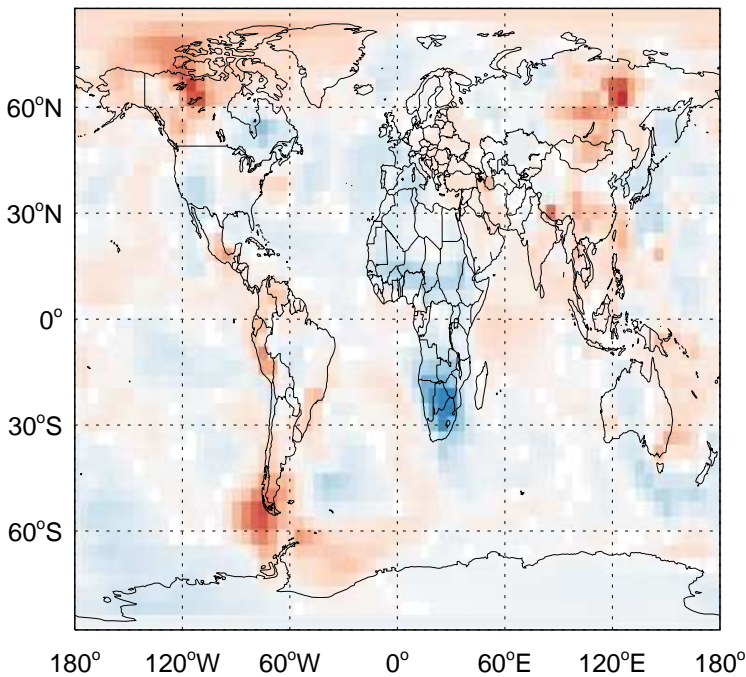
v11-02f-Run0 / v11-02e-Run1

SO<sub>4</sub> / Ratio @ 500 hPa for Jul



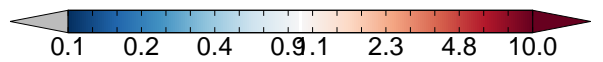
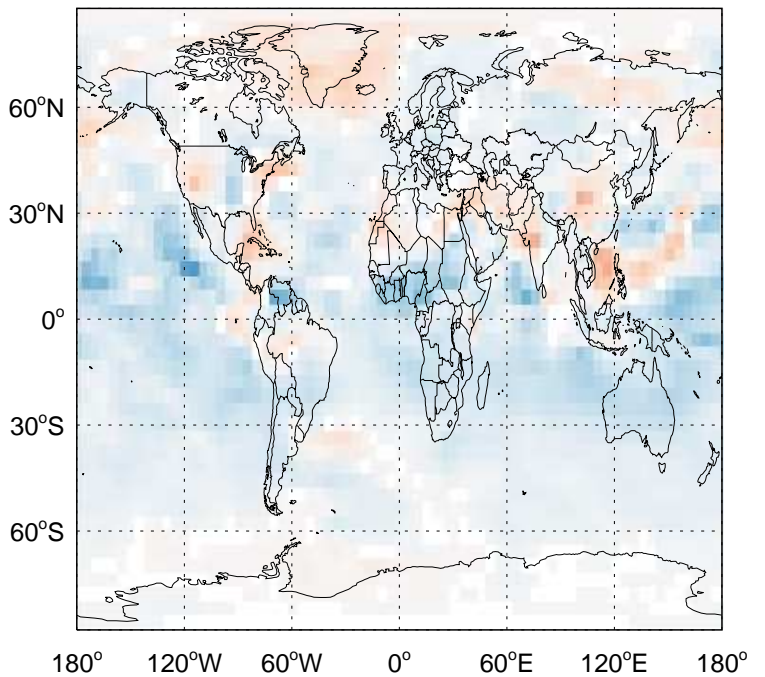
v11-02f-Run0 / v11-02e-Run0

SO<sub>4</sub> / Ratio @ Surface for Jul



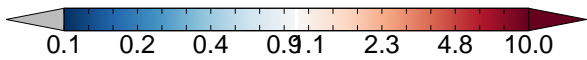
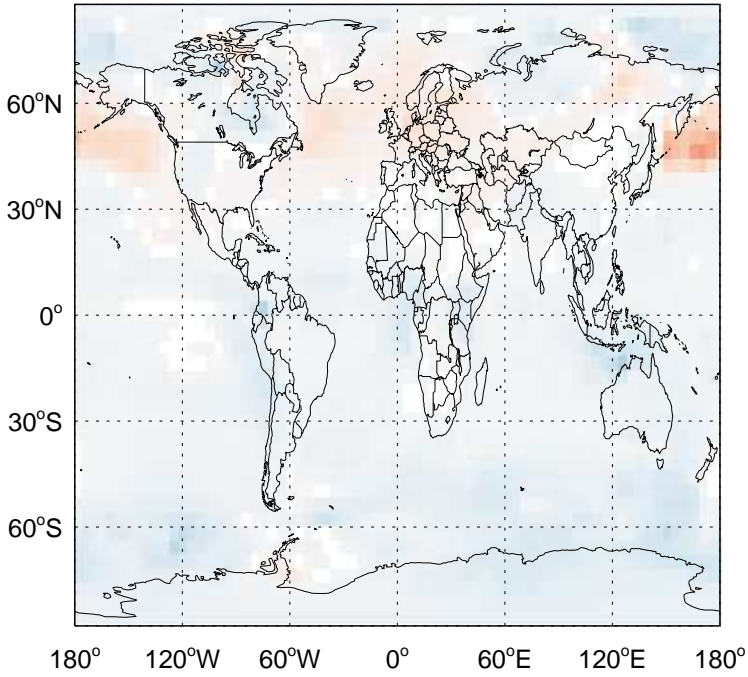
v11-02f-Run0 / v11-02e-Run0

SO<sub>4</sub> / Ratio @ 500 hPa for Jul

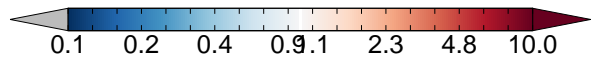
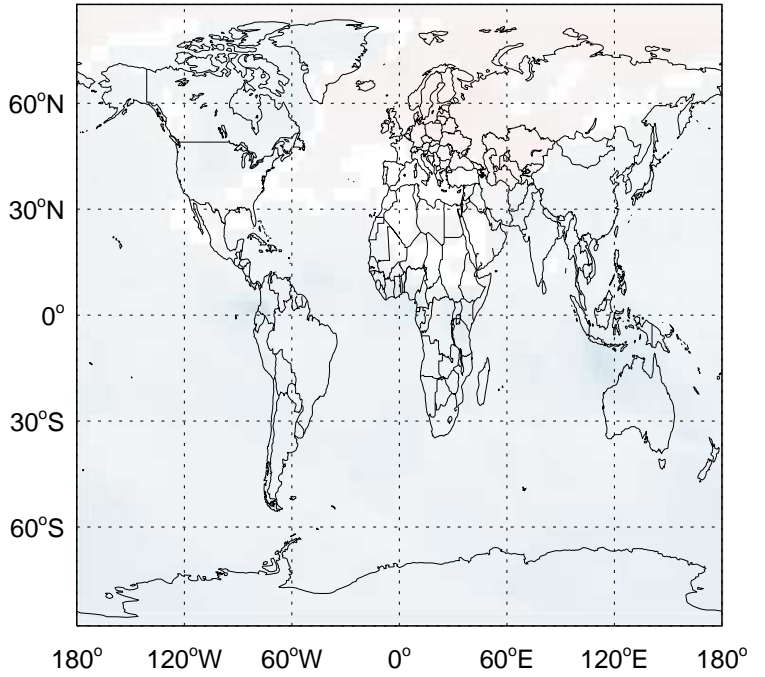


# GEOS-Chem Ratio Maps at surface and 500 hPa

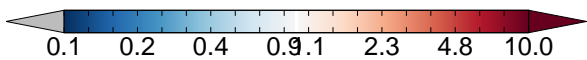
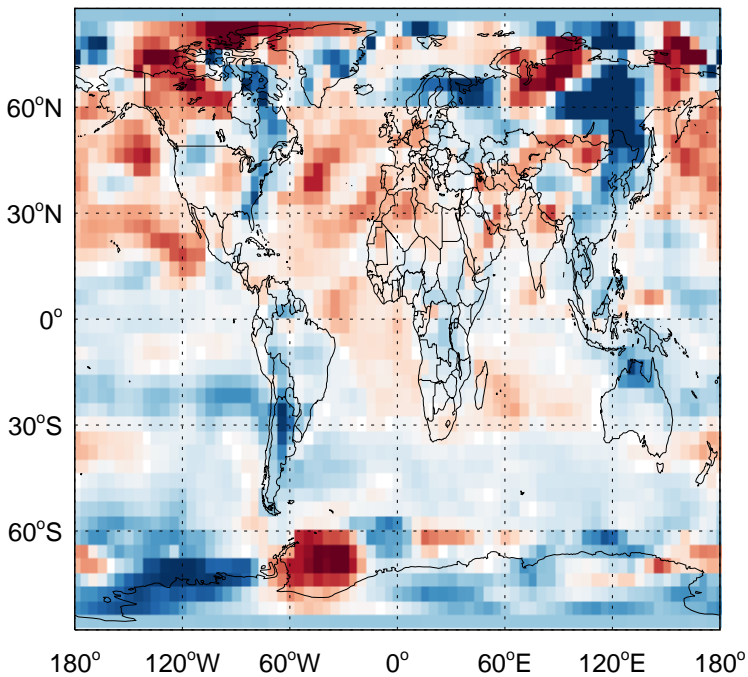
v11-02f-Run0 / v11-02e-Run1  
SO4s / Ratio @ Surface for Jul



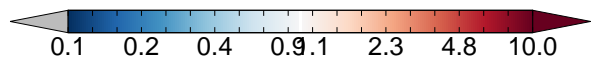
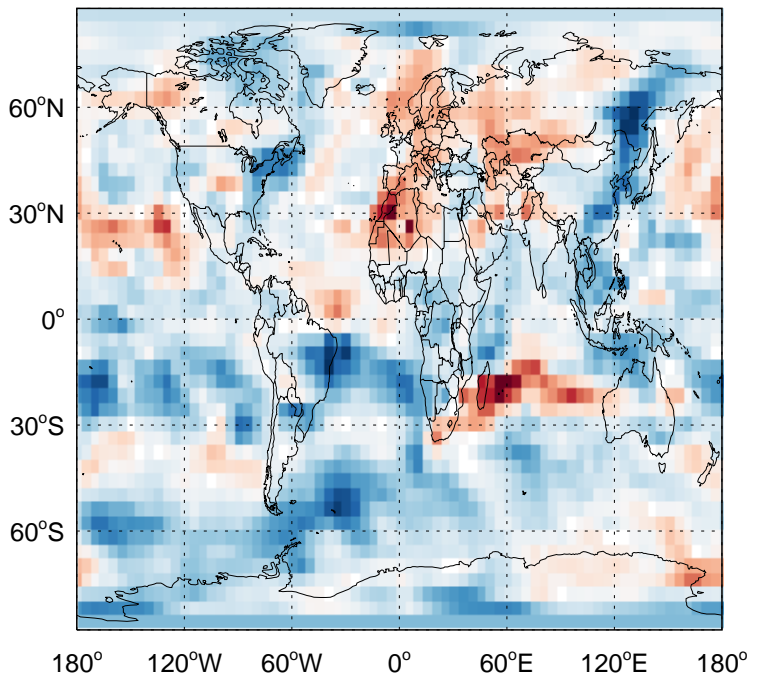
v11-02f-Run0 / v11-02e-Run1  
SO4s/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SO4s / Ratio @ Surface for Jul

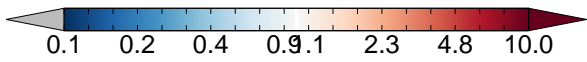
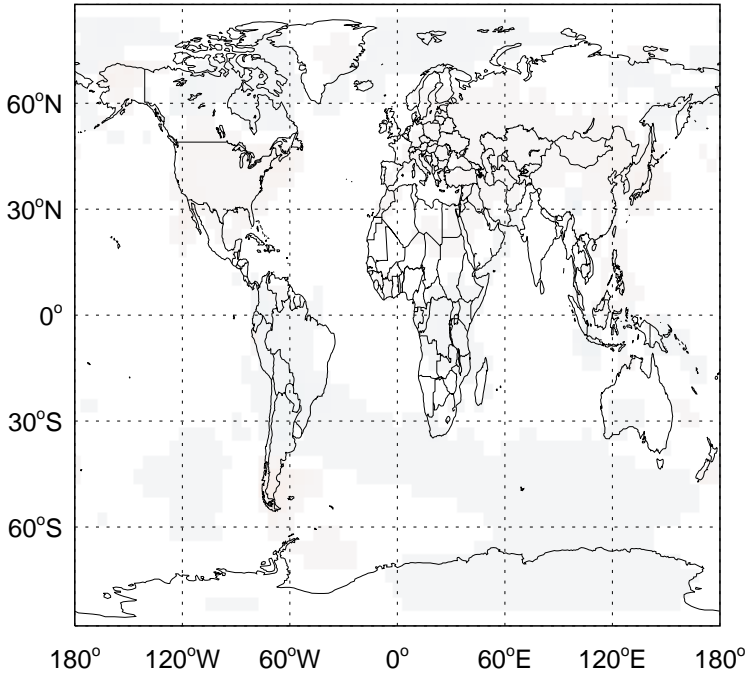


v11-02f-Run0 / v11-02e-Run0  
SO4s/ Ratio @ 500 hPa for Jul

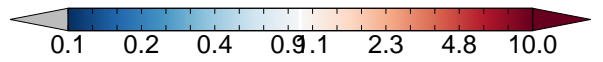
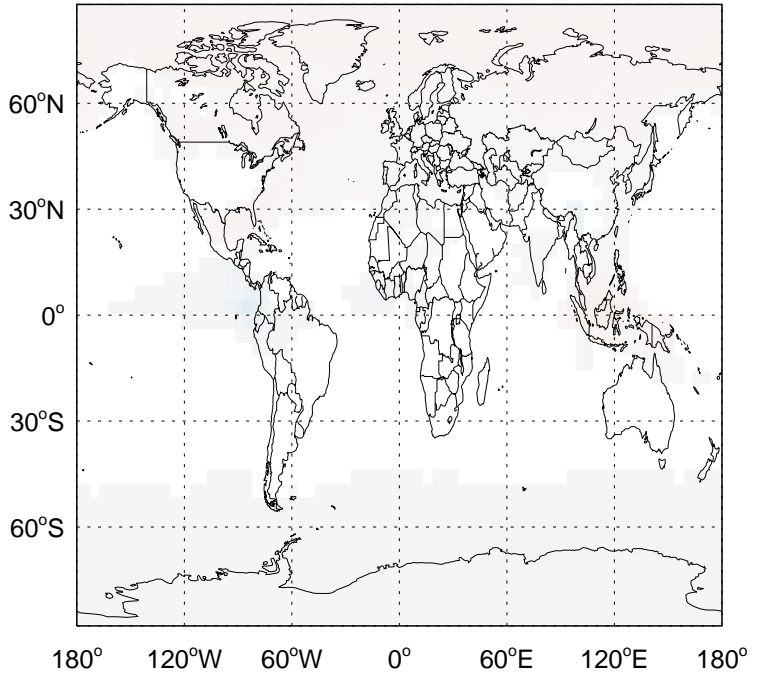


# GEOS-Chem Ratio Maps at surface and 500 hPa

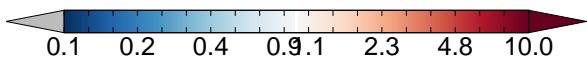
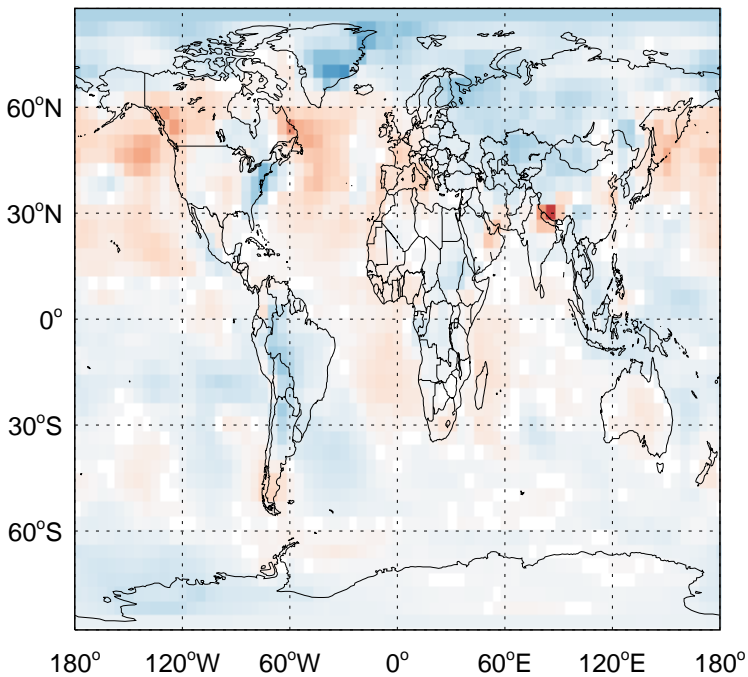
v11-02f-Run0 / v11-02e-Run1  
MSA / Ratio @ Surface for Jul



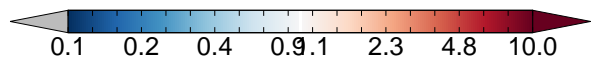
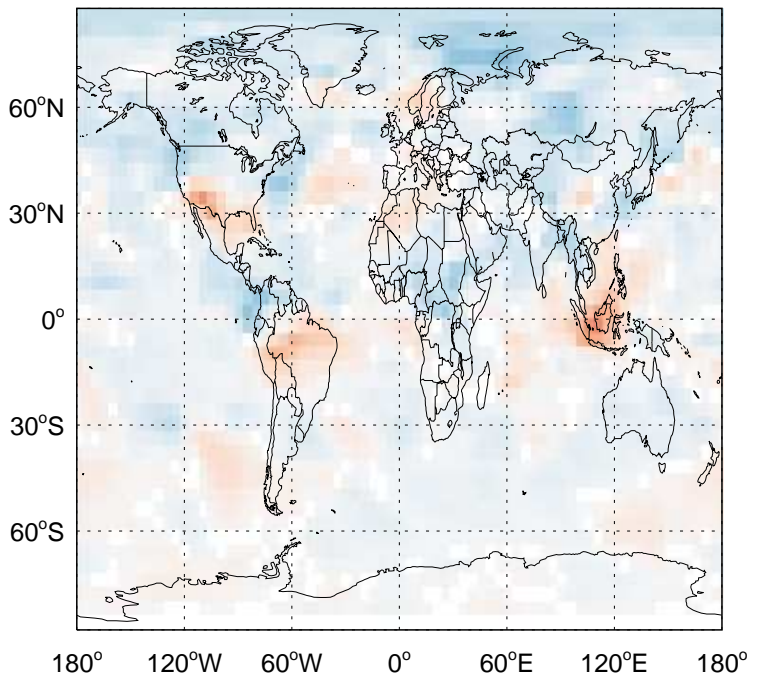
v11-02f-Run0 / v11-02e-Run1  
MSA / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MSA / Ratio @ Surface for Jul



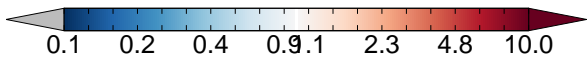
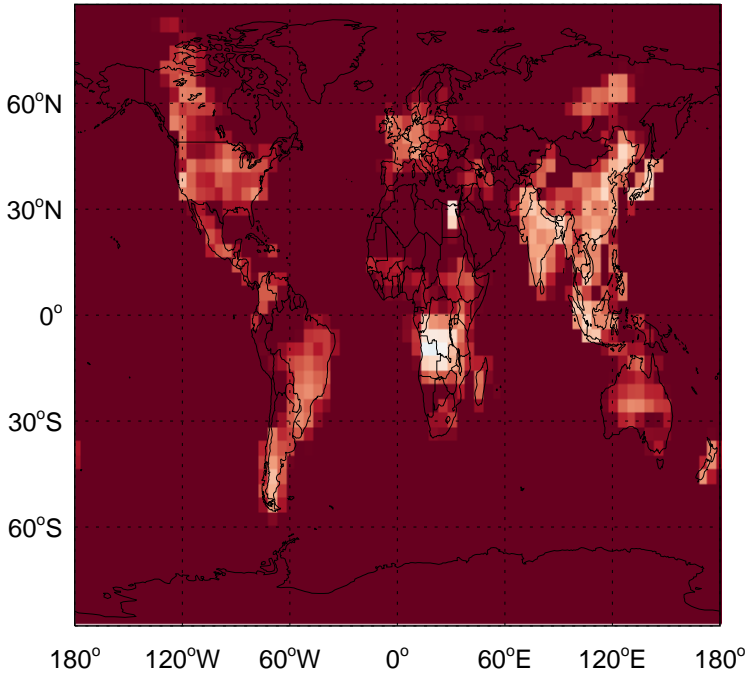
v11-02f-Run0 / v11-02e-Run0  
MSA / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

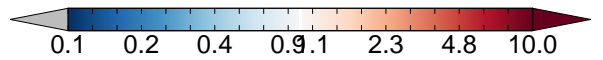
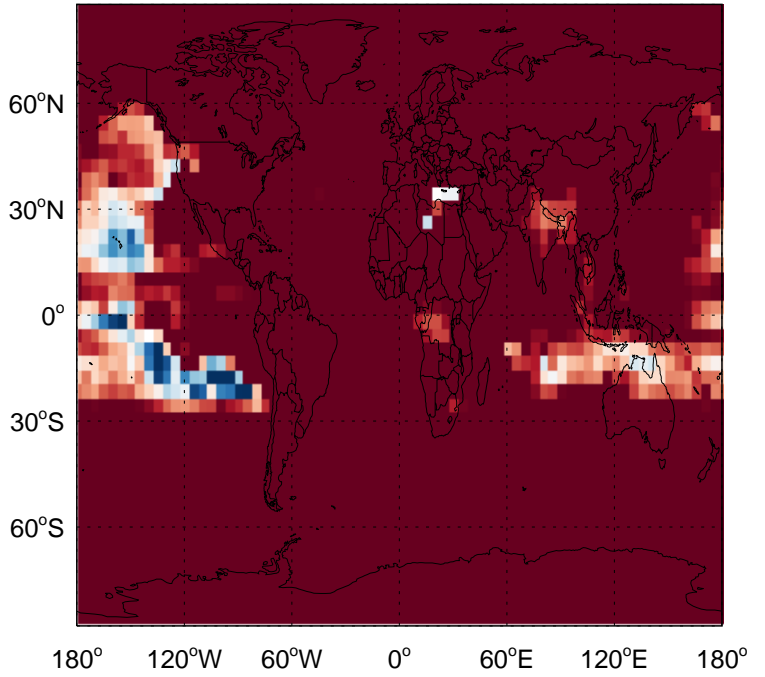
v11-02f-Run0 / v11-02e-Run1

NH3 / Ratio @ Surface for Jul



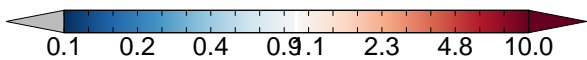
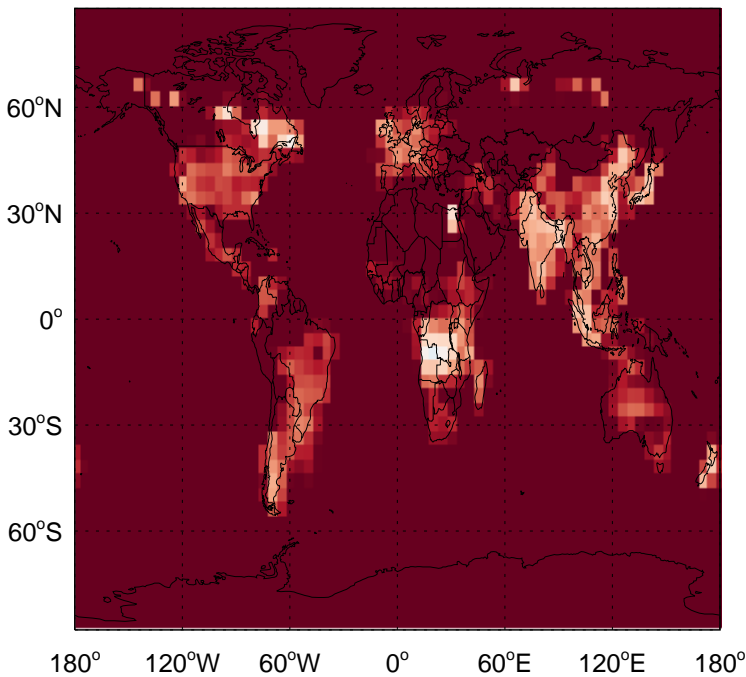
v11-02f-Run0 / v11-02e-Run1

NH3/ Ratio @ 500 hPa for Jul



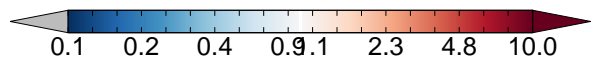
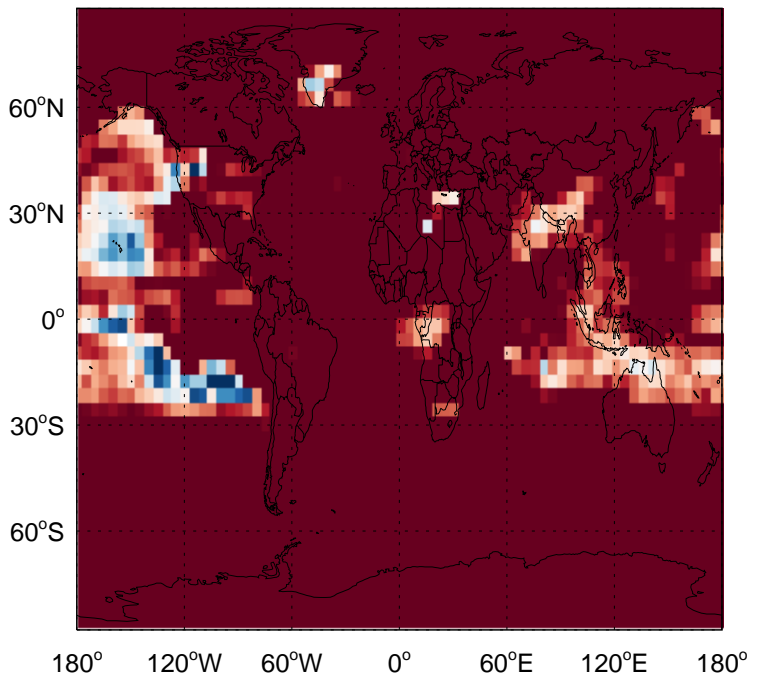
v11-02f-Run0 / v11-02e-Run0

NH3 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

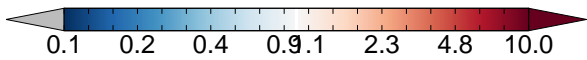
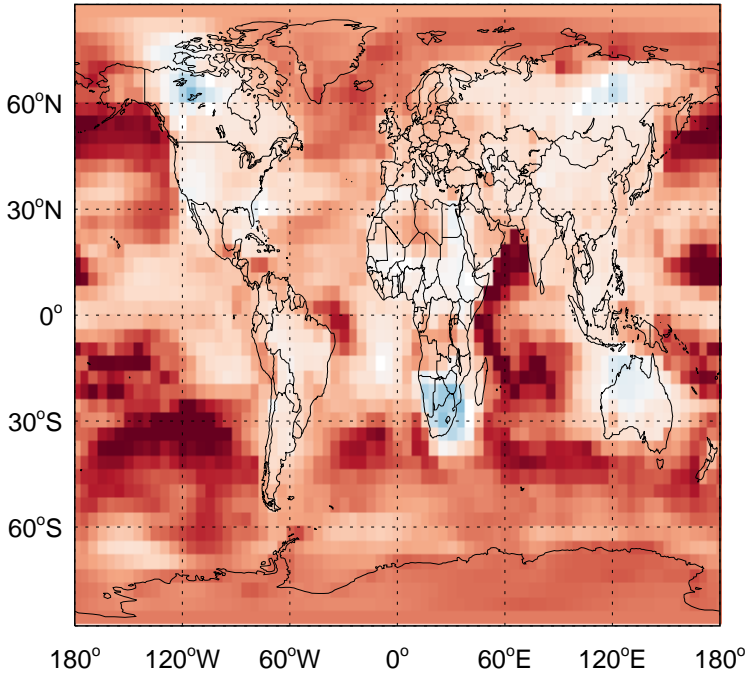
NH3/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

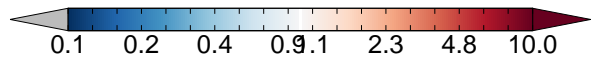
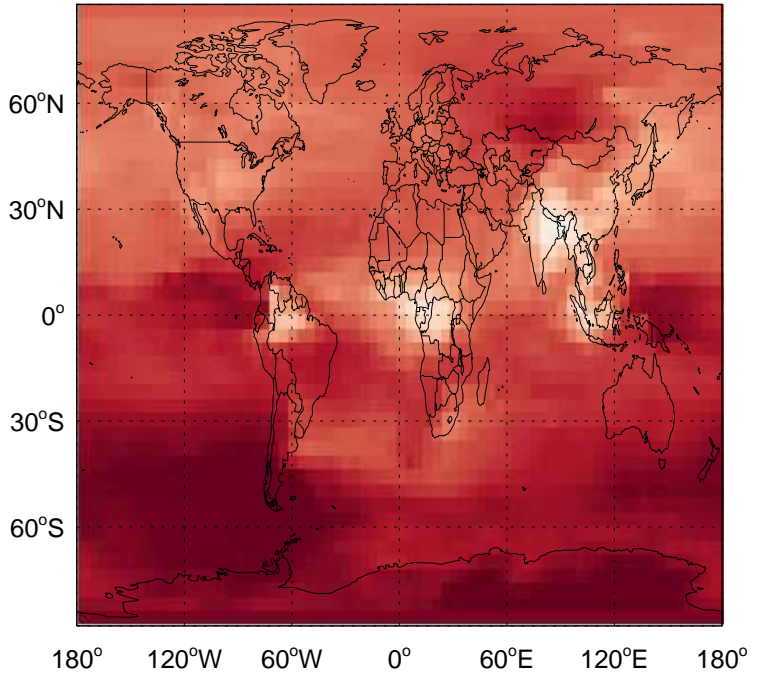
v11-02f-Run0 / v11-02e-Run1

NH4 / Ratio @ Surface for Jul



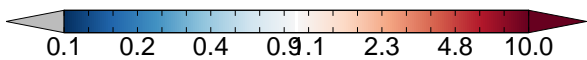
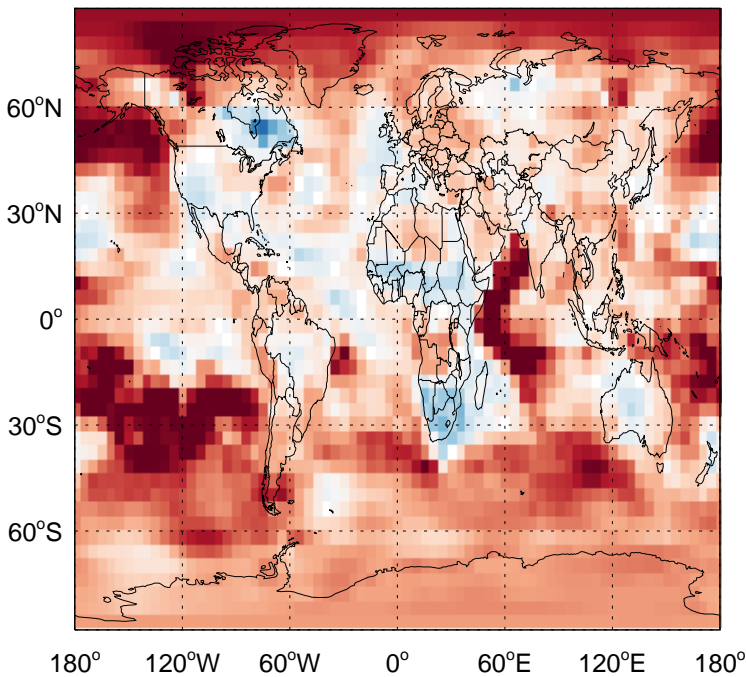
v11-02f-Run0 / v11-02e-Run1

NH4/ Ratio @ 500 hPa for Jul



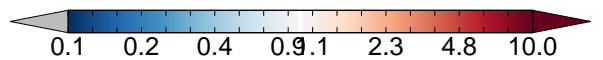
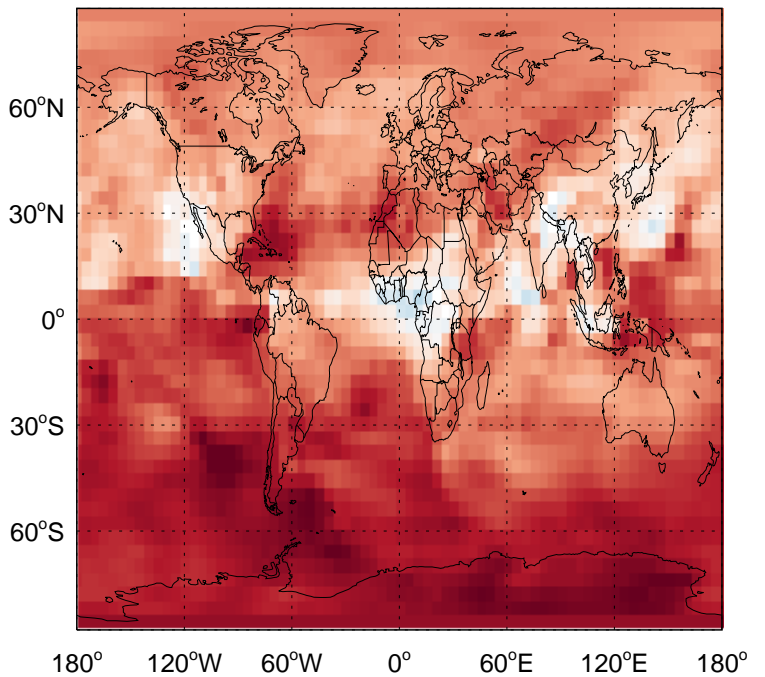
v11-02f-Run0 / v11-02e-Run0

NH4 / Ratio @ Surface for Jul



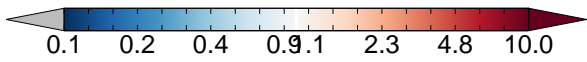
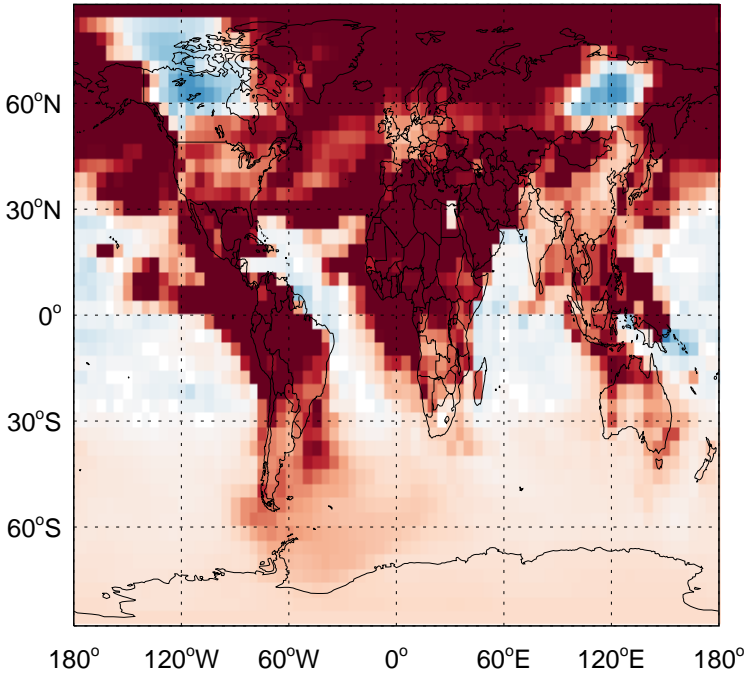
v11-02f-Run0 / v11-02e-Run0

NH4/ Ratio @ 500 hPa for Jul

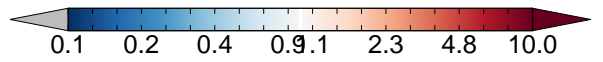
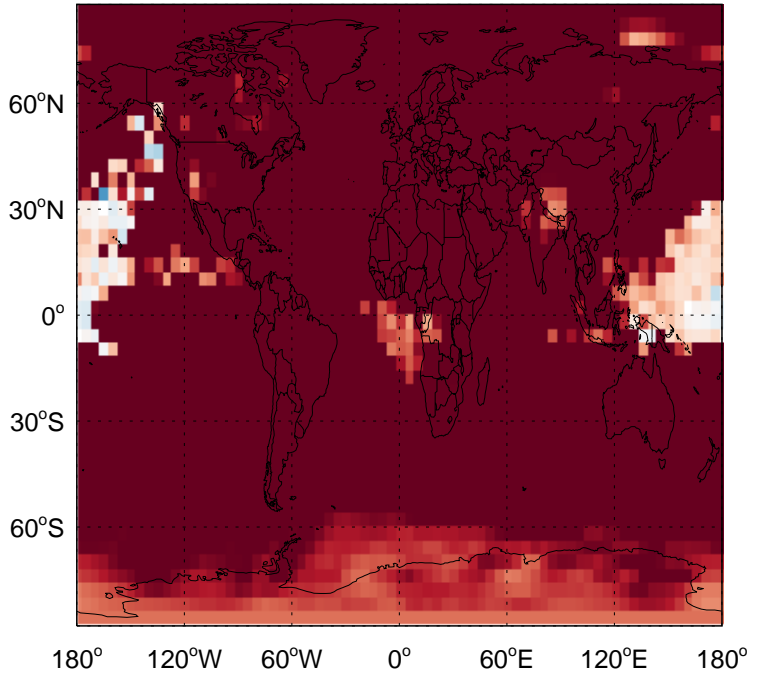


# GEOS-Chem Ratio Maps at surface and 500 hPa

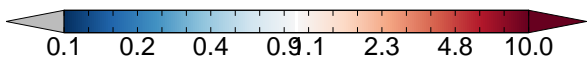
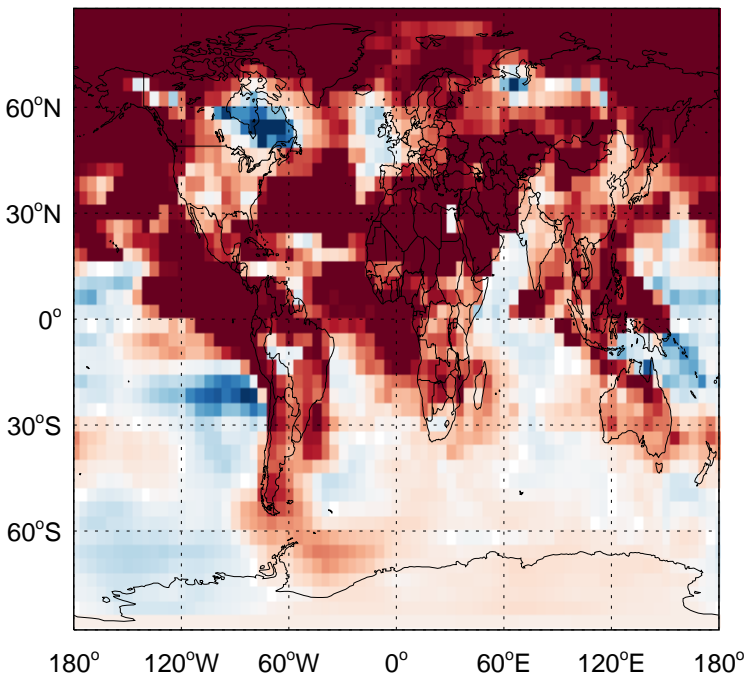
v11-02f-Run0 / v11-02e-Run1  
NIT / Ratio @ Surface for Jul



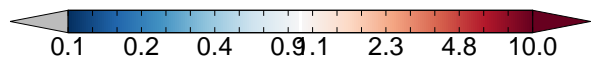
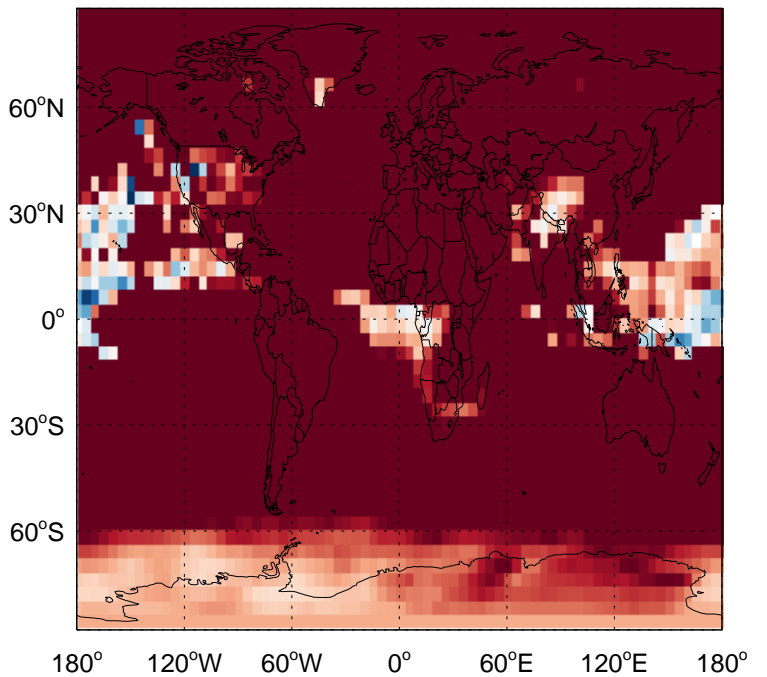
v11-02f-Run0 / v11-02e-Run1  
NIT/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
NIT / Ratio @ Surface for Jul



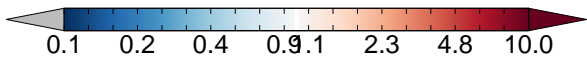
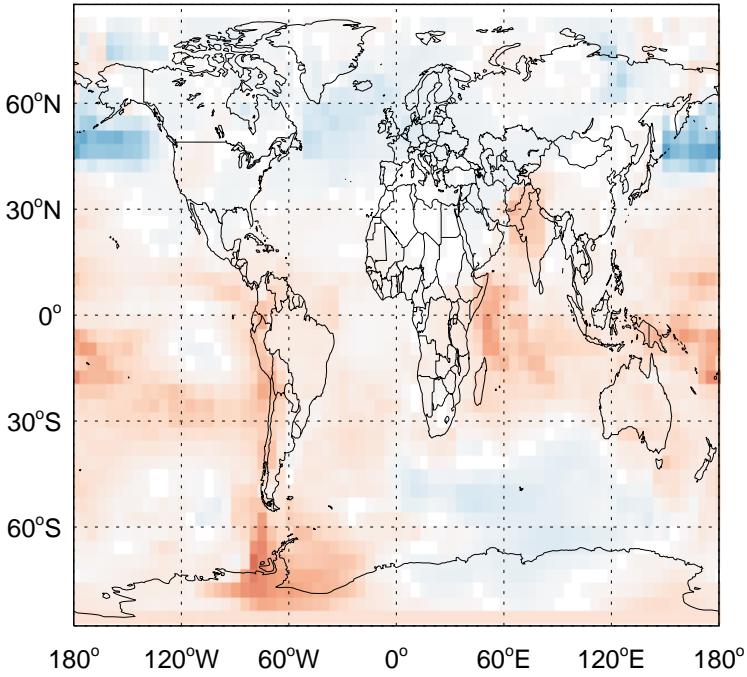
v11-02f-Run0 / v11-02e-Run0  
NIT/ Ratio @ 500 hPa for Jul



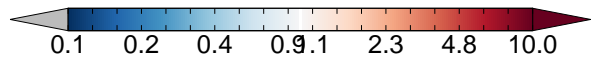
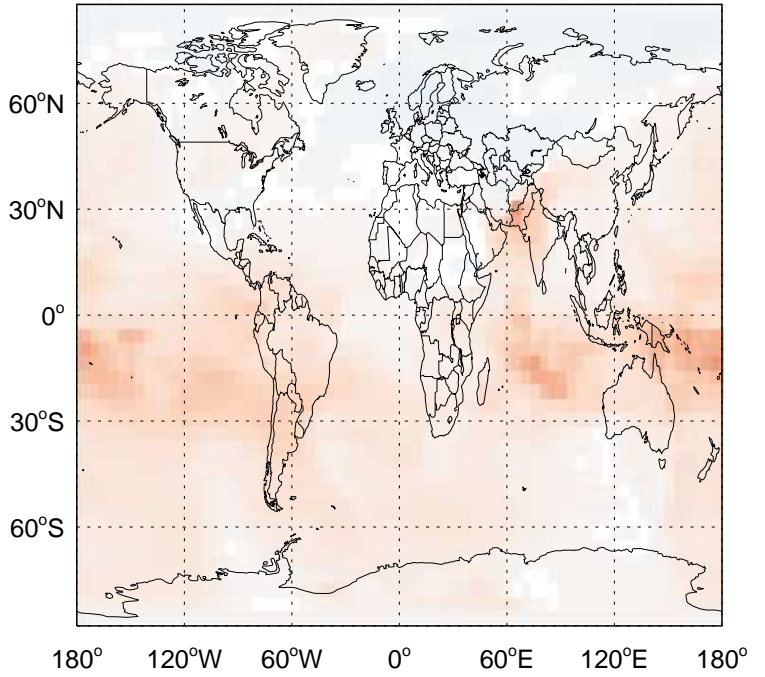


# GEOS-Chem Ratio Maps at surface and 500 hPa

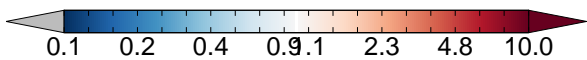
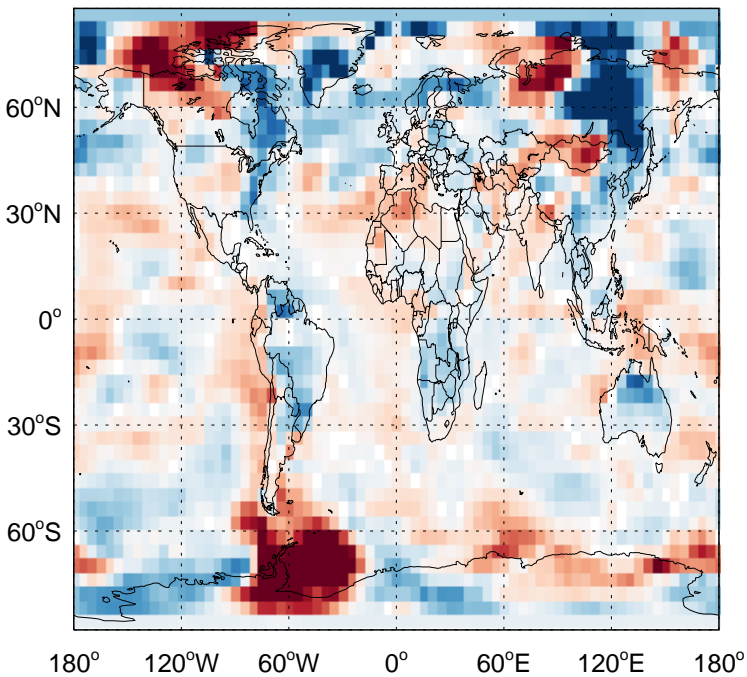
v11-02f-Run0 / v11-02e-Run1  
NITs / Ratio @ Surface for Jul



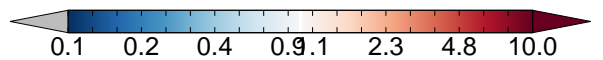
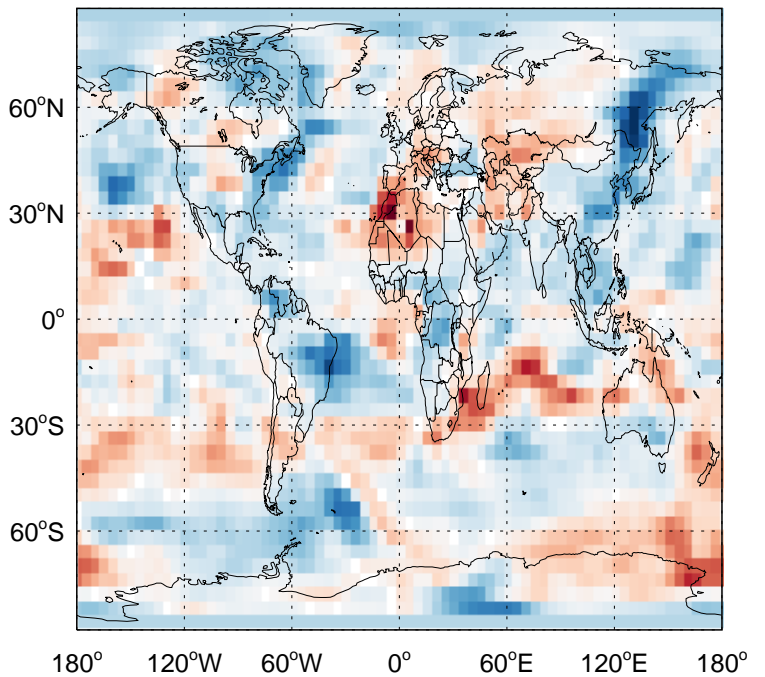
v11-02f-Run0 / v11-02e-Run1  
NITs/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
NITs / Ratio @ Surface for Jul

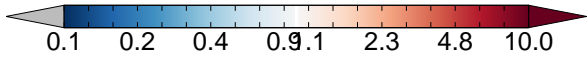
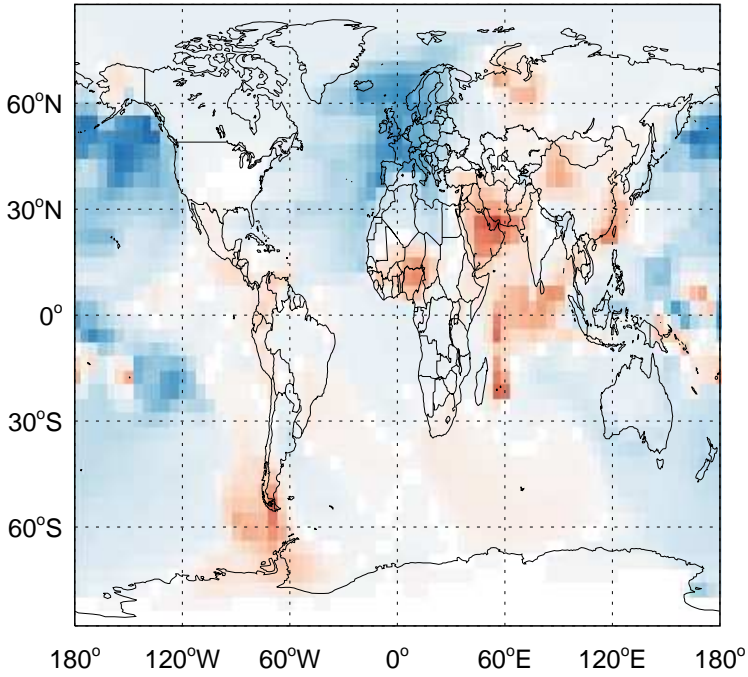


v11-02f-Run0 / v11-02e-Run0  
NITs/ Ratio @ 500 hPa for Jul

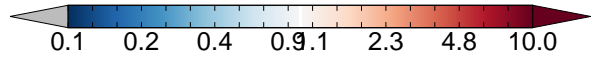
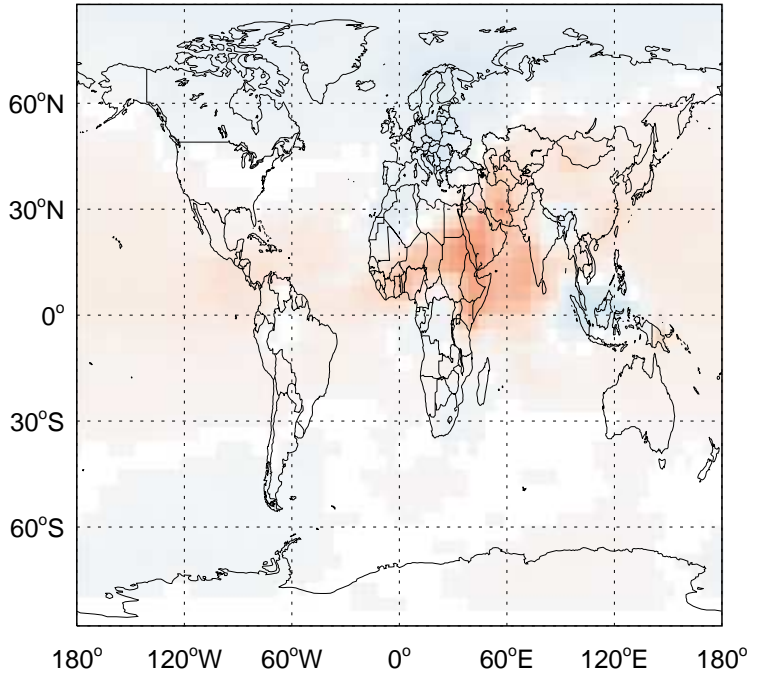


# GEOS-Chem Ratio Maps at surface and 500 hPa

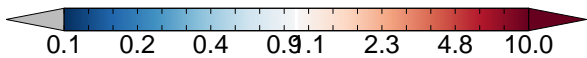
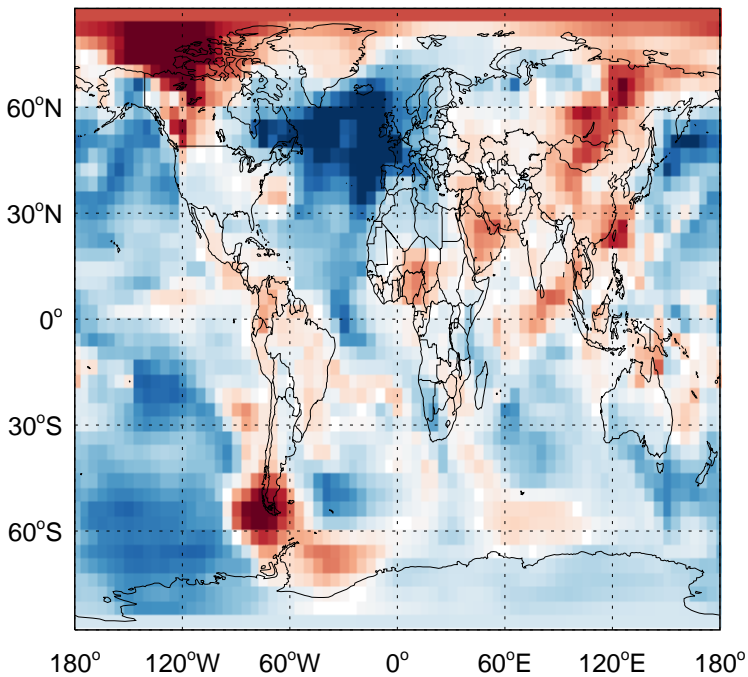
v11-02f-Run0 / v11-02e-Run1  
BCPI / Ratio @ Surface for Jul



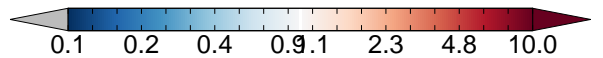
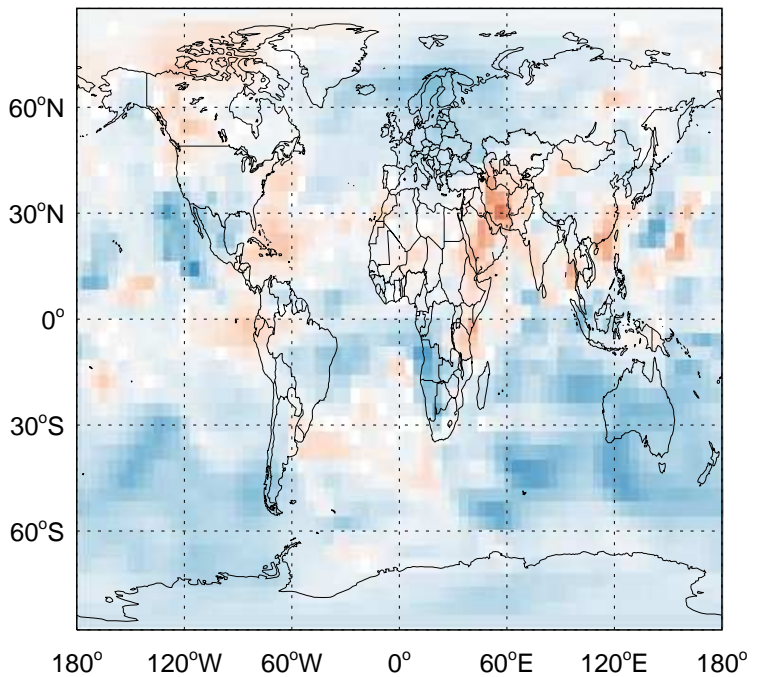
v11-02f-Run0 / v11-02e-Run1  
BCPI/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
BCPI / Ratio @ Surface for Jul

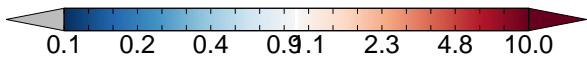
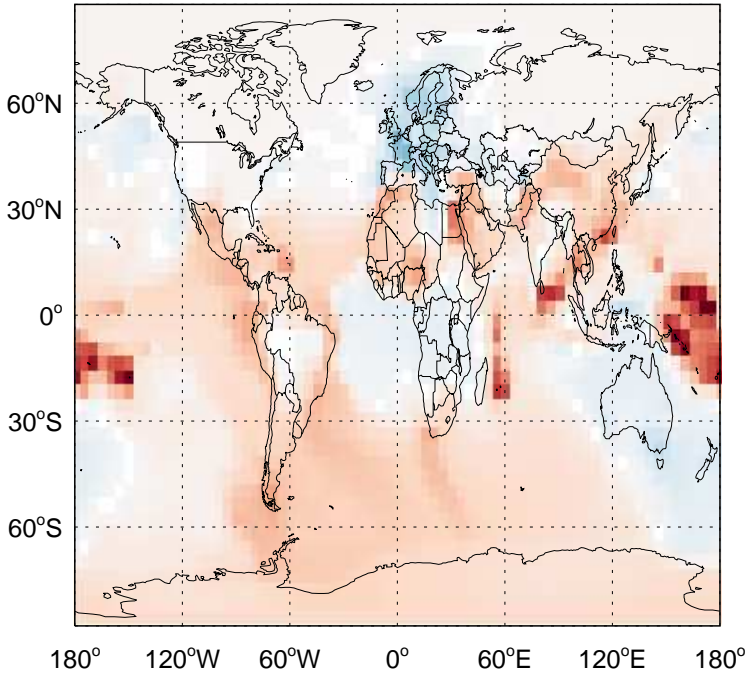


v11-02f-Run0 / v11-02e-Run0  
BCPI/ Ratio @ 500 hPa for Jul

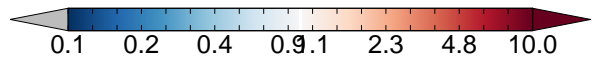
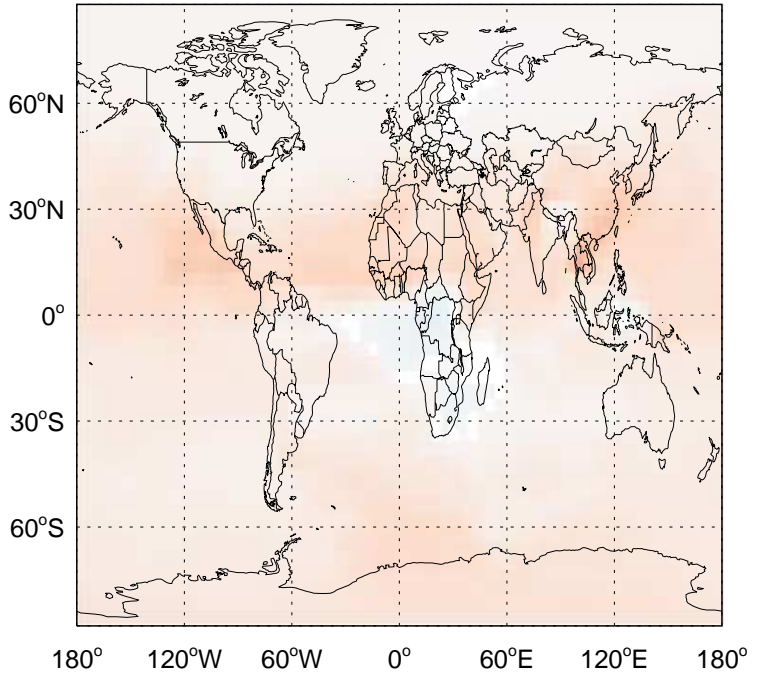


# GEOS-Chem Ratio Maps at surface and 500 hPa

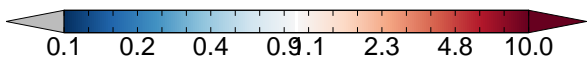
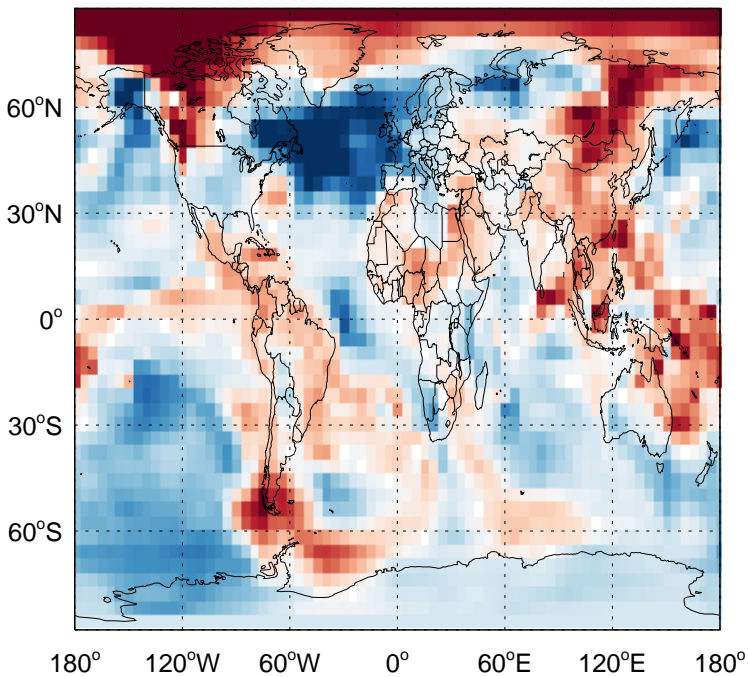
v11-02f-Run0 / v11-02e-Run1  
OCPI / Ratio @ Surface for Jul



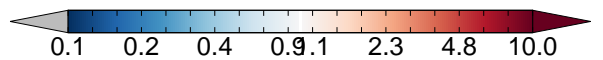
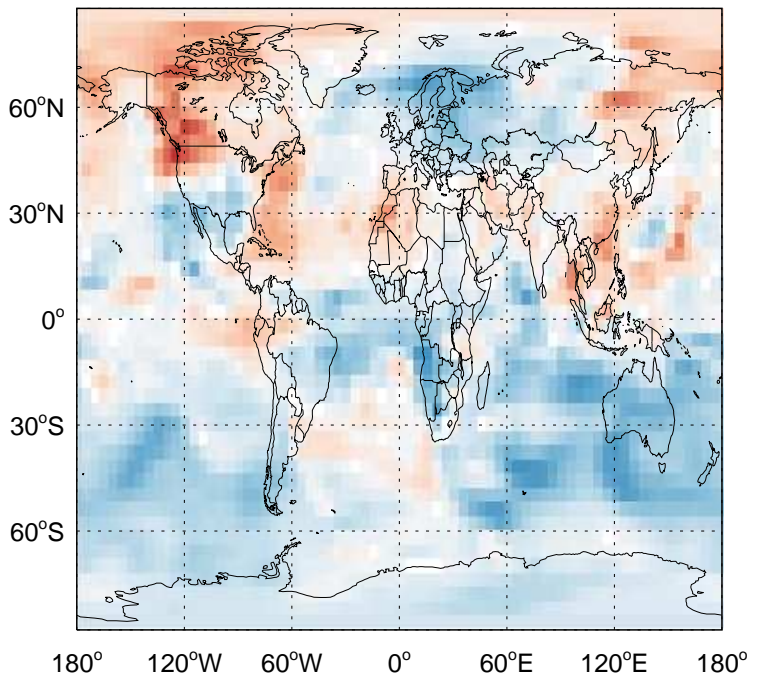
v11-02f-Run0 / v11-02e-Run1  
OCPI / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
OCPI / Ratio @ Surface for Jul

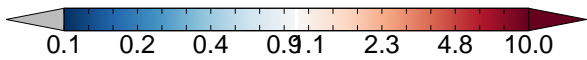
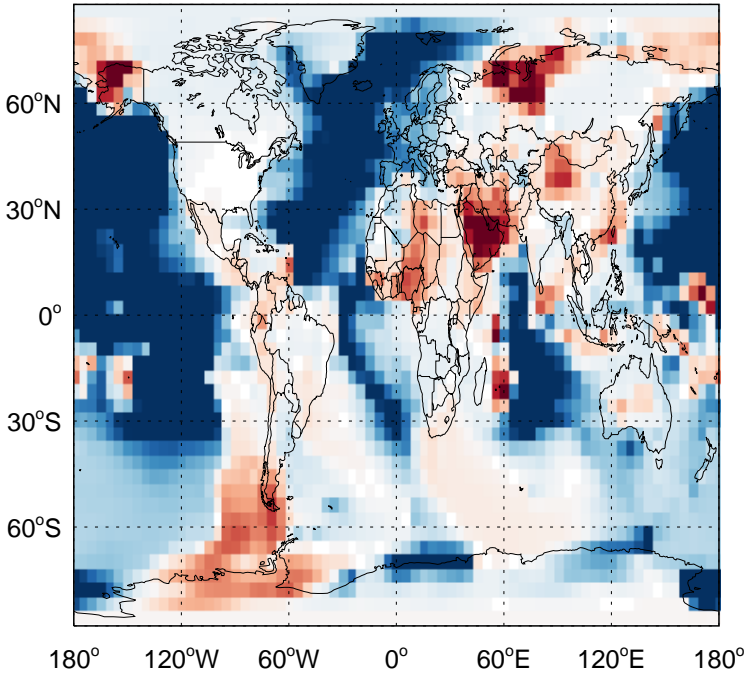


v11-02f-Run0 / v11-02e-Run0  
OCPI / Ratio @ 500 hPa for Jul

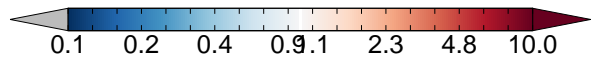
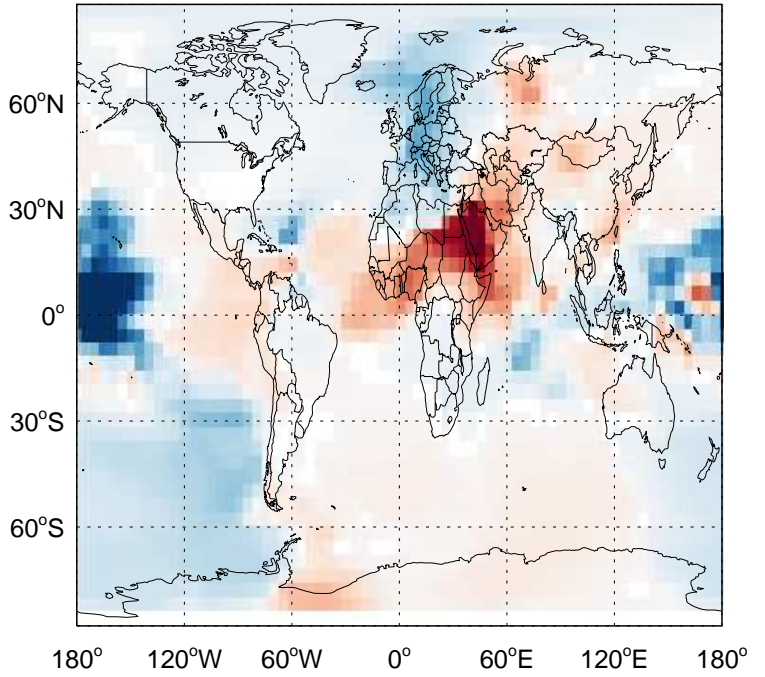


# GEOS-Chem Ratio Maps at surface and 500 hPa

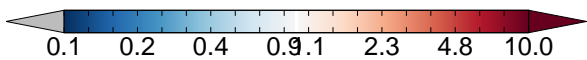
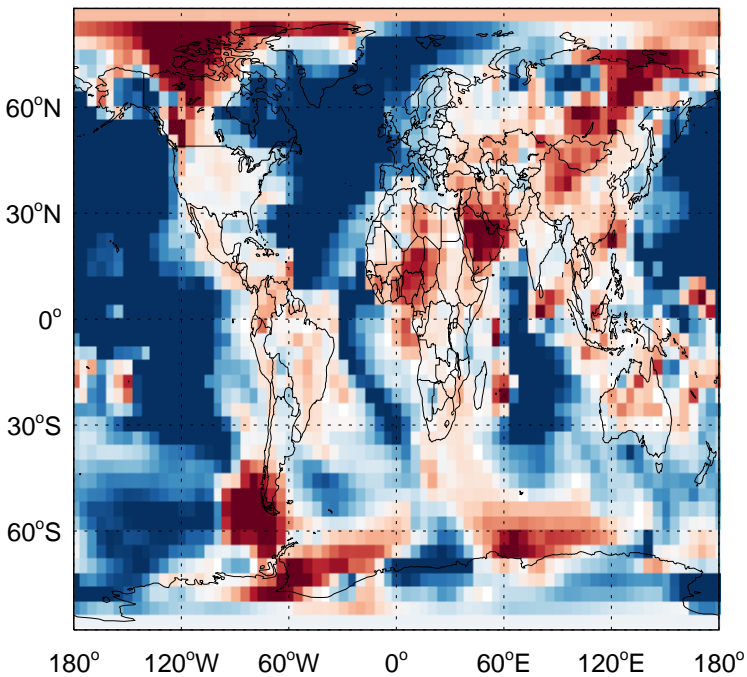
v11-02f-Run0 / v11-02e-Run1  
BCPO / Ratio @ Surface for Jul



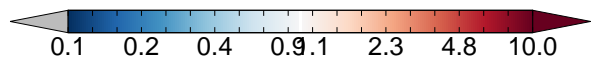
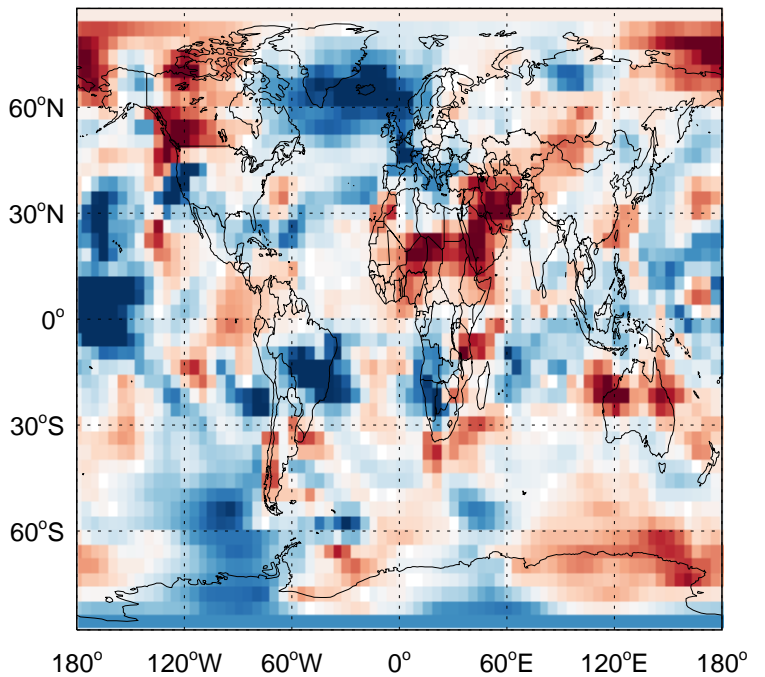
v11-02f-Run0 / v11-02e-Run1  
BCPO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
BCPO / Ratio @ Surface for Jul

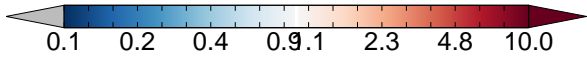
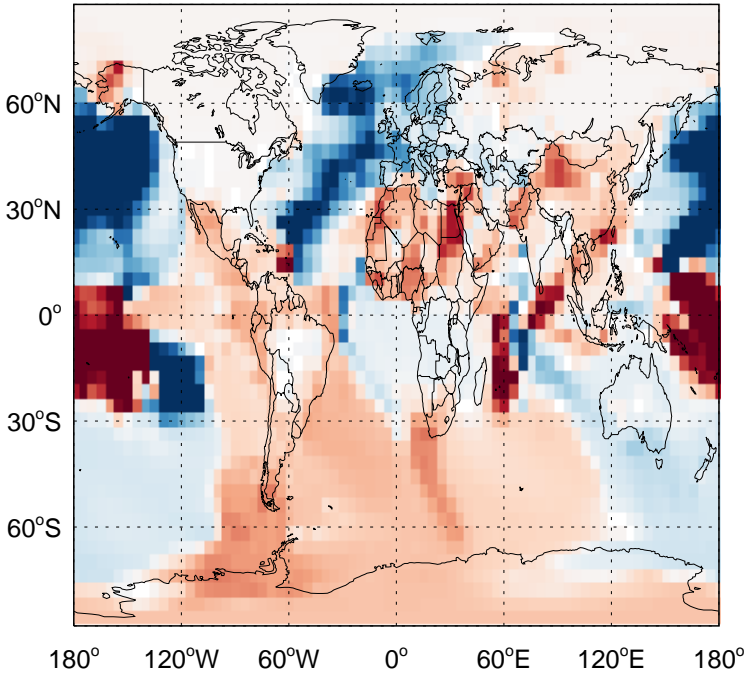


v11-02f-Run0 / v11-02e-Run0  
BCPO/ Ratio @ 500 hPa for Jul

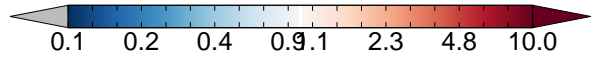
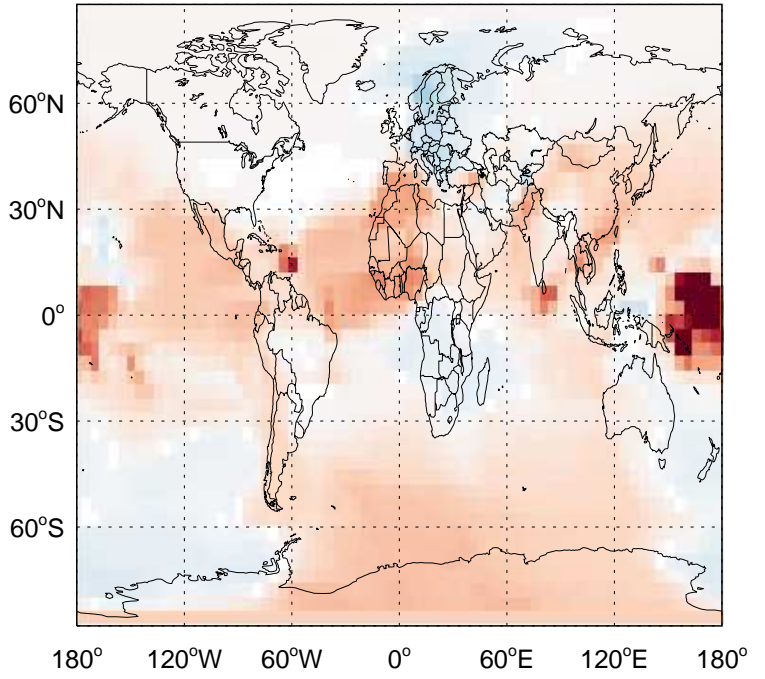


# GEOS-Chem Ratio Maps at surface and 500 hPa

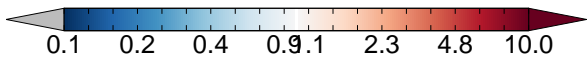
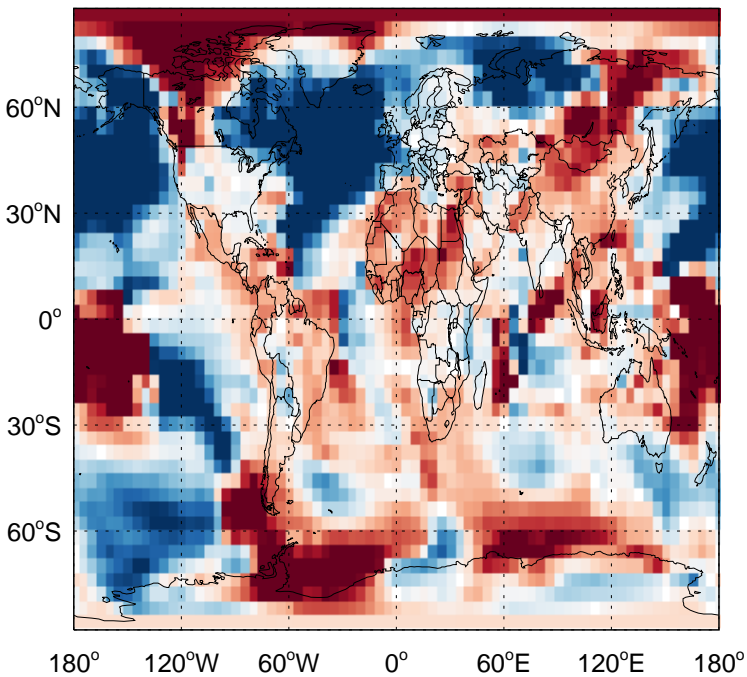
v11-02f-Run0 / v11-02e-Run1  
OCPO / Ratio @ Surface for Jul



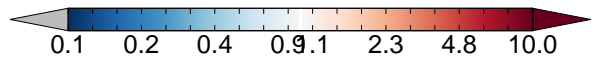
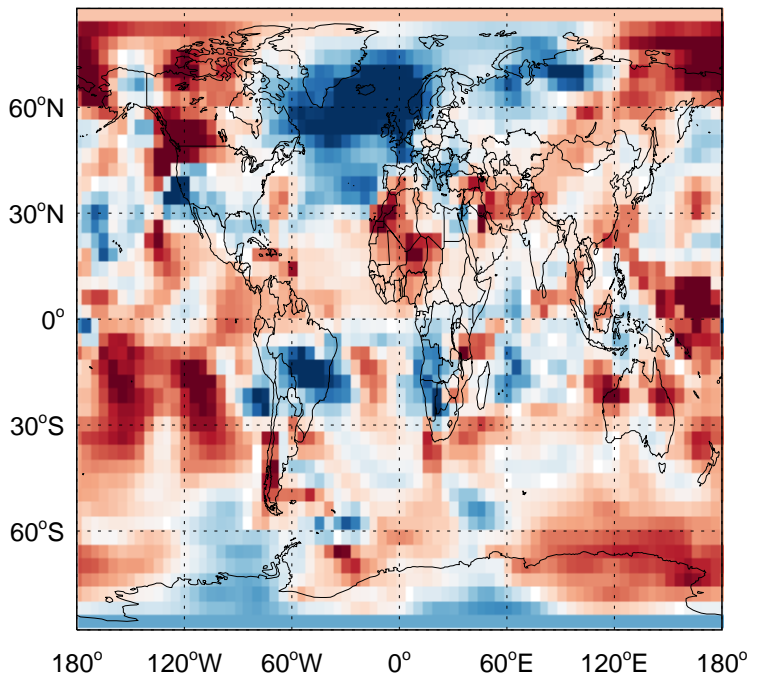
v11-02f-Run0 / v11-02e-Run1  
OCPO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
OCPO / Ratio @ Surface for Jul

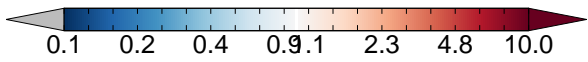
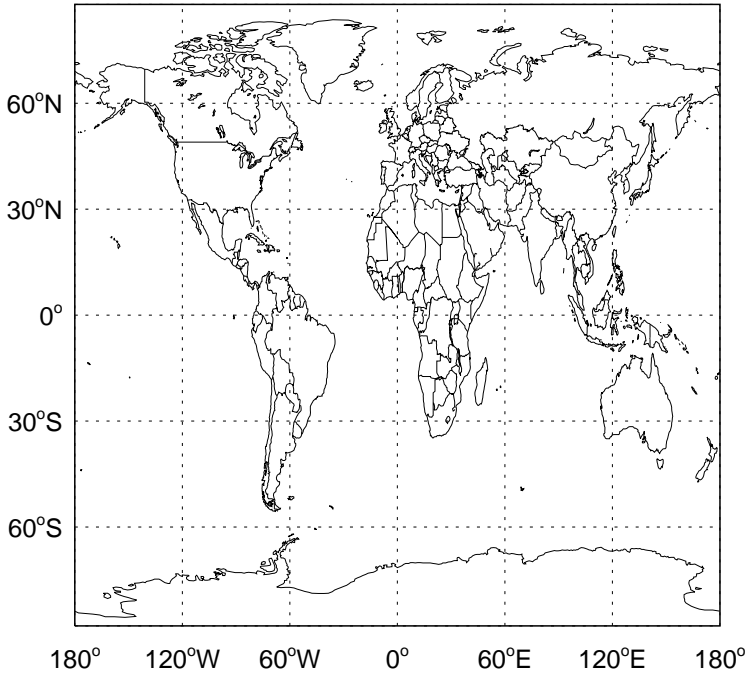


v11-02f-Run0 / v11-02e-Run0  
OCPO/ Ratio @ 500 hPa for Jul

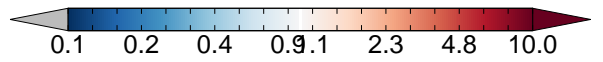
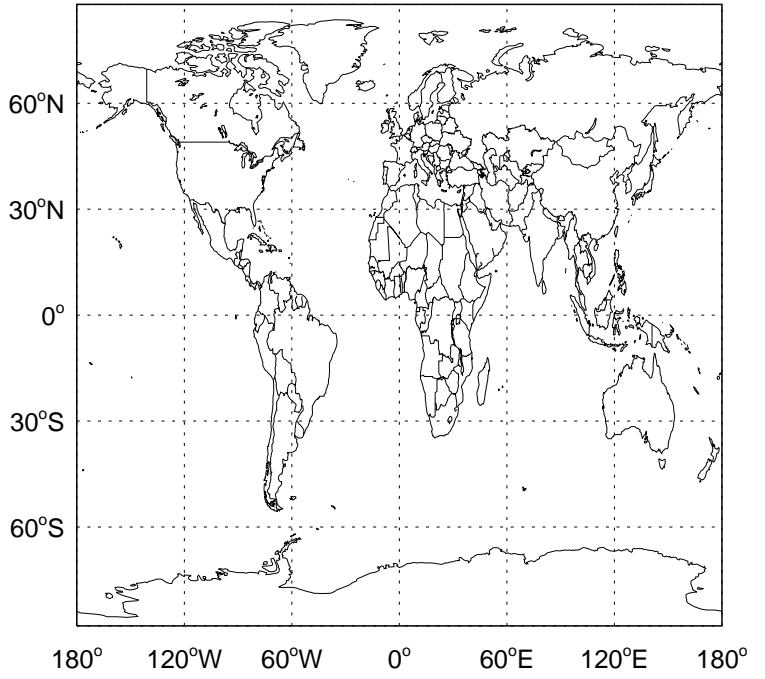


# GEOS-Chem Ratio Maps at surface and 500 hPa

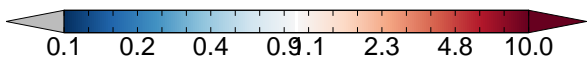
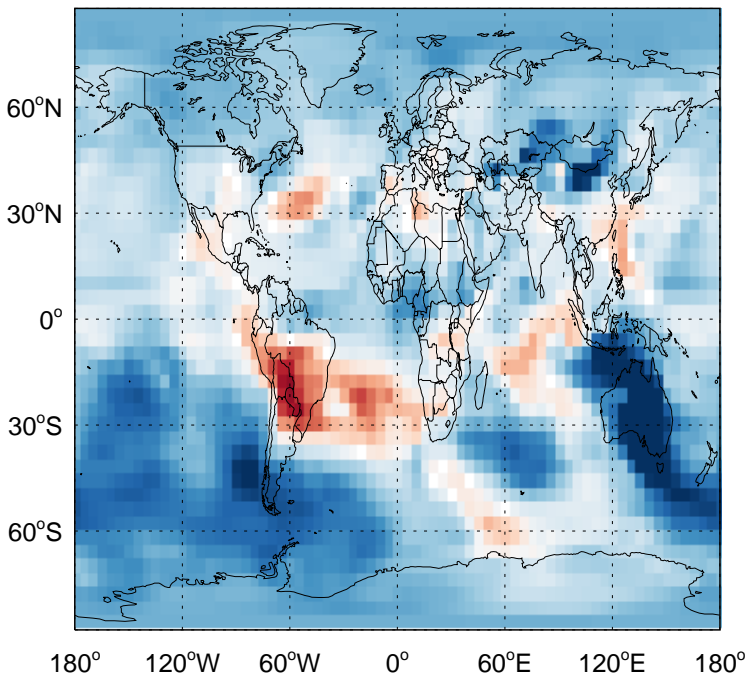
v11-02f-Run0 / v11-02e-Run1  
DST1 / Ratio @ Surface for Jul



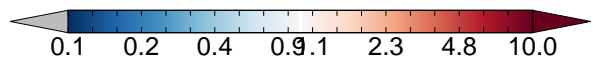
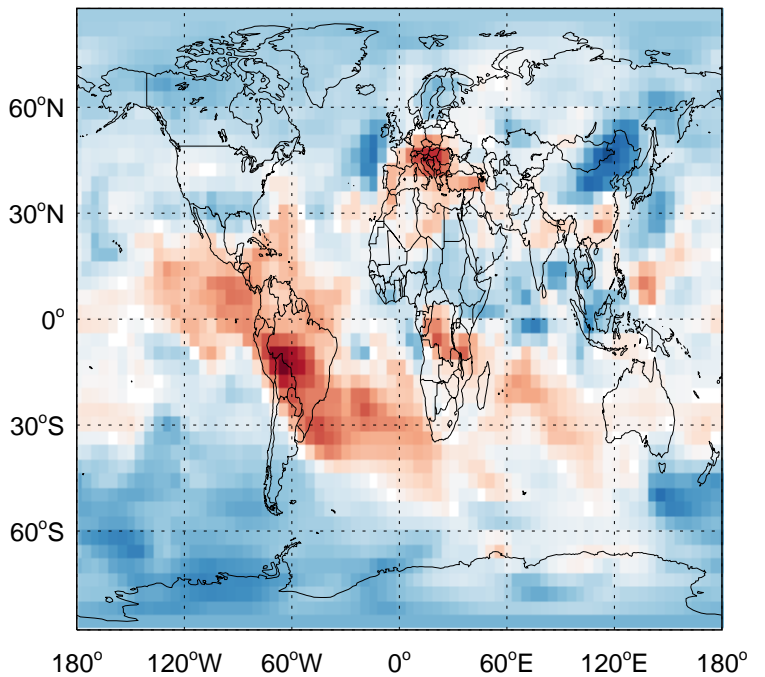
v11-02f-Run0 / v11-02e-Run1  
DST1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
DST1 / Ratio @ Surface for Jul

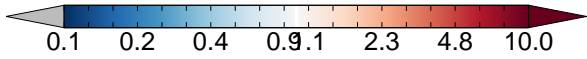
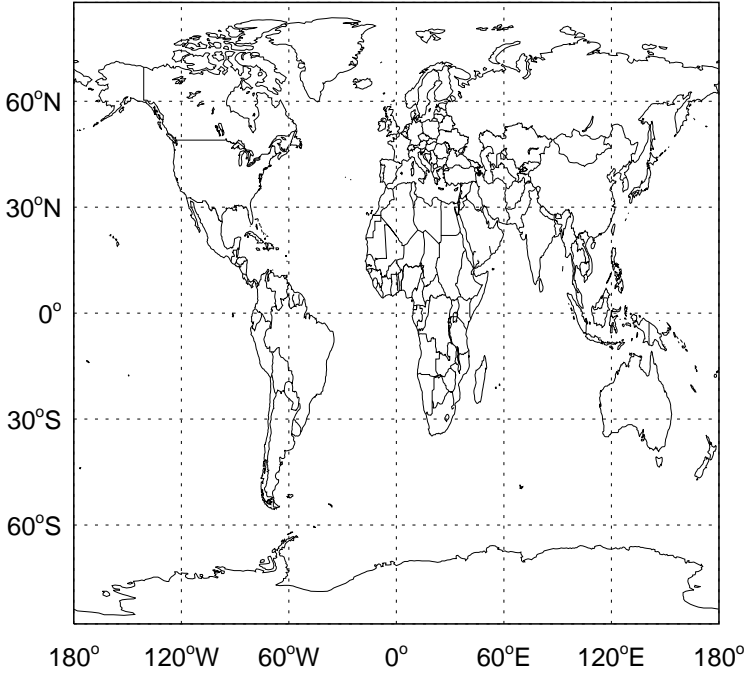


v11-02f-Run0 / v11-02e-Run0  
DST1/ Ratio @ 500 hPa for Jul

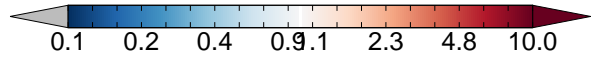
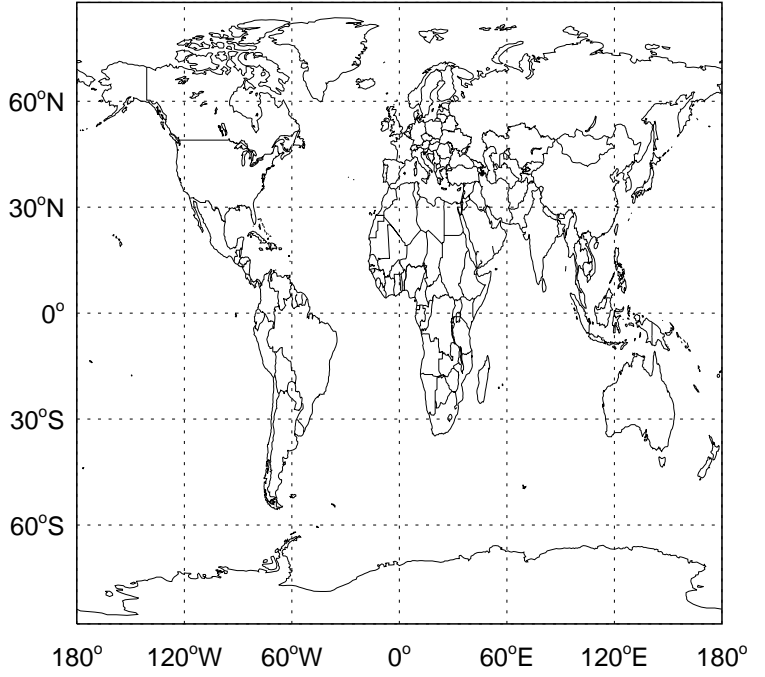


# GEOS-Chem Ratio Maps at surface and 500 hPa

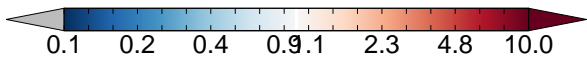
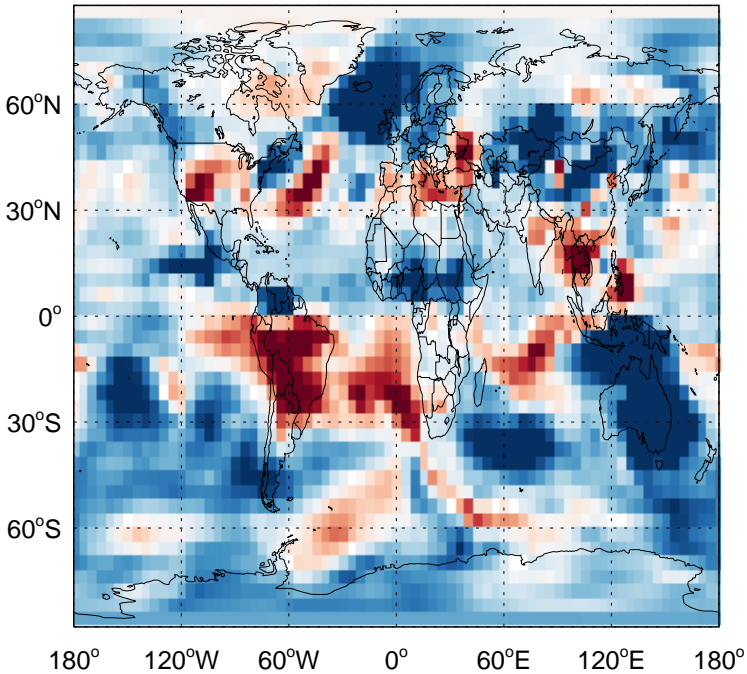
v11-02f-Run0 / v11-02e-Run1  
DST2 / Ratio @ Surface for Jul



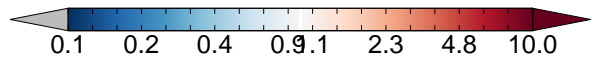
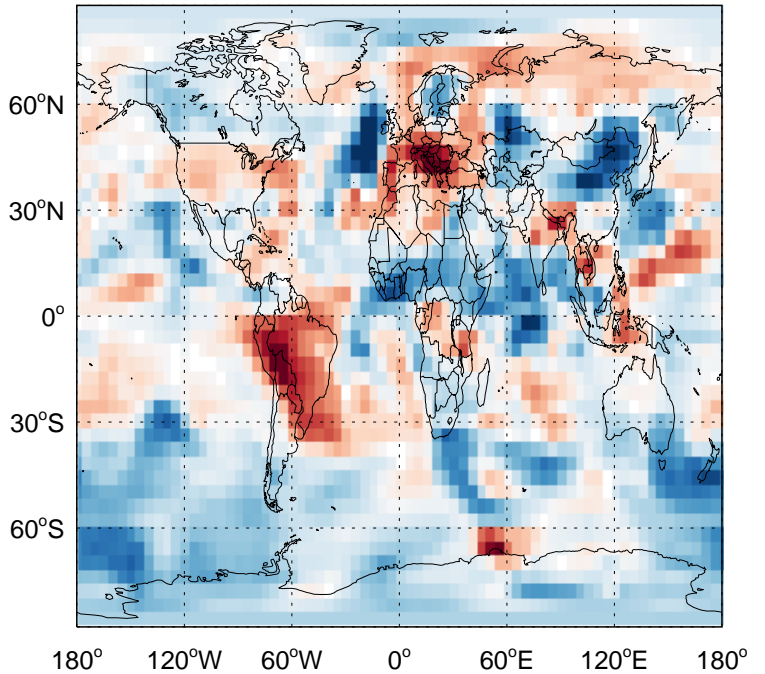
v11-02f-Run0 / v11-02e-Run1  
DST2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
DST2 / Ratio @ Surface for Jul

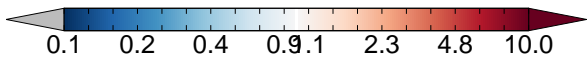
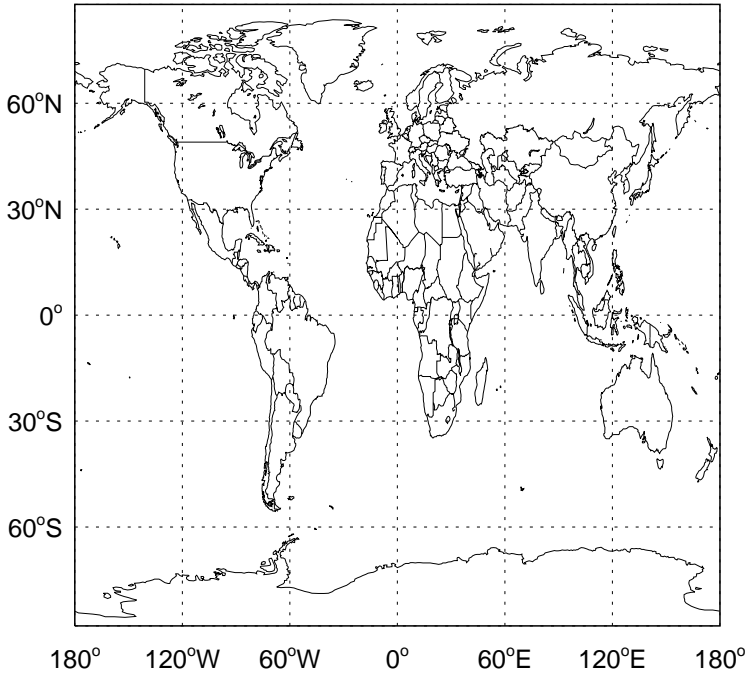


v11-02f-Run0 / v11-02e-Run0  
DST2/ Ratio @ 500 hPa for Jul

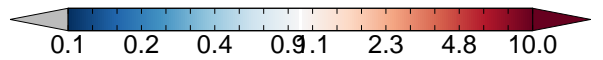


# GEOS-Chem Ratio Maps at surface and 500 hPa

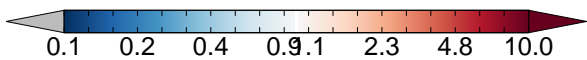
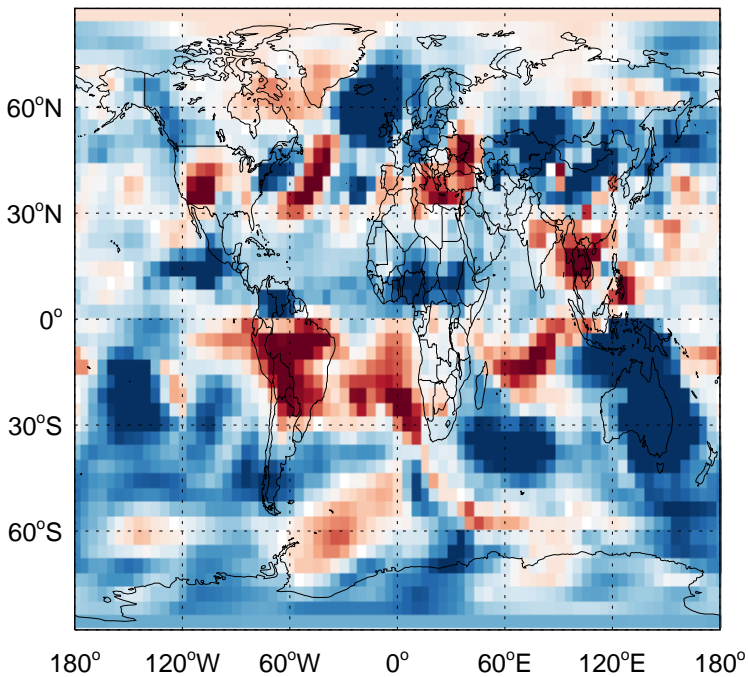
v11-02f-Run0 / v11-02e-Run1  
DST3 / Ratio @ Surface for Jul



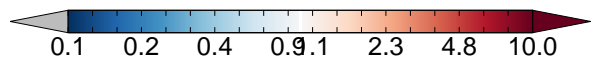
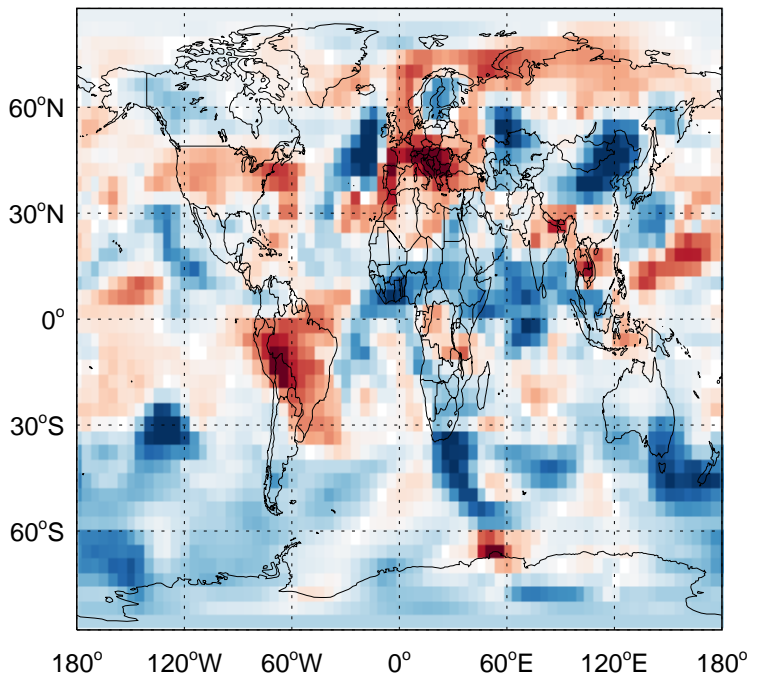
v11-02f-Run0 / v11-02e-Run1  
DST3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
DST3 / Ratio @ Surface for Jul



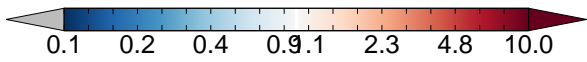
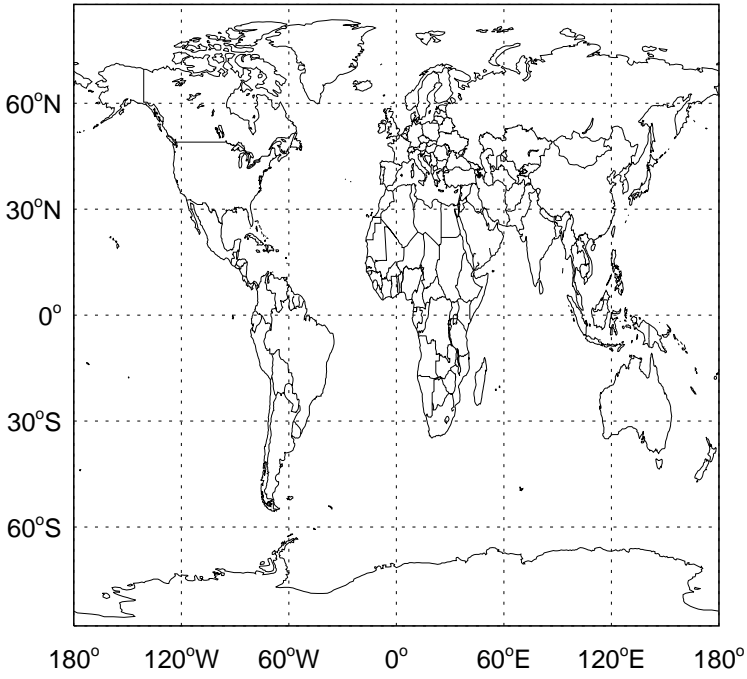
v11-02f-Run0 / v11-02e-Run0  
DST3/ Ratio @ 500 hPa for Jul



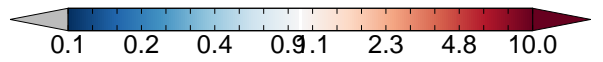
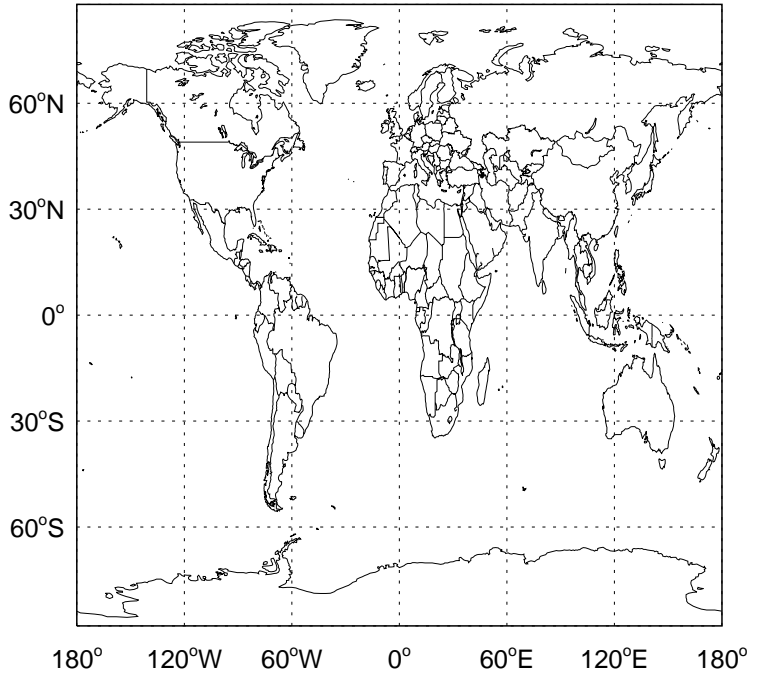


# GEOS-Chem Ratio Maps at surface and 500 hPa

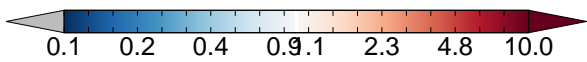
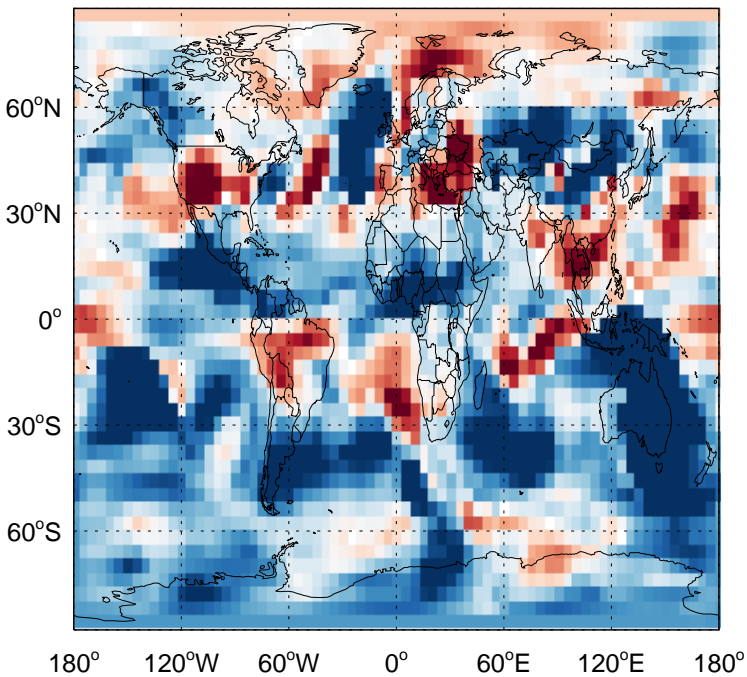
v11-02f-Run0 / v11-02e-Run1  
DST4 / Ratio @ Surface for Jul



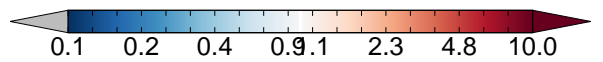
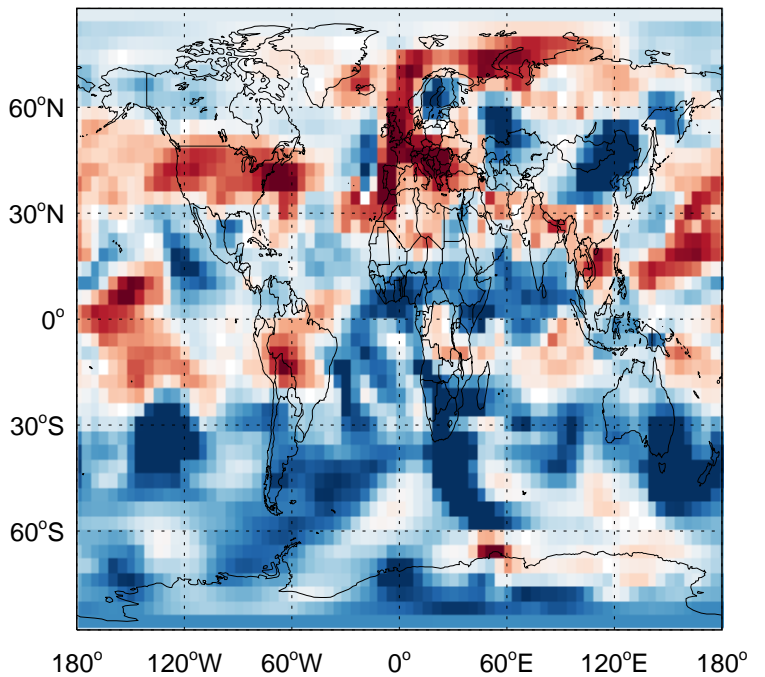
v11-02f-Run0 / v11-02e-Run1  
DST4/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
DST4 / Ratio @ Surface for Jul

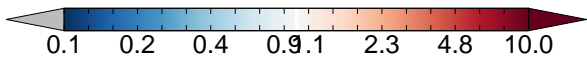
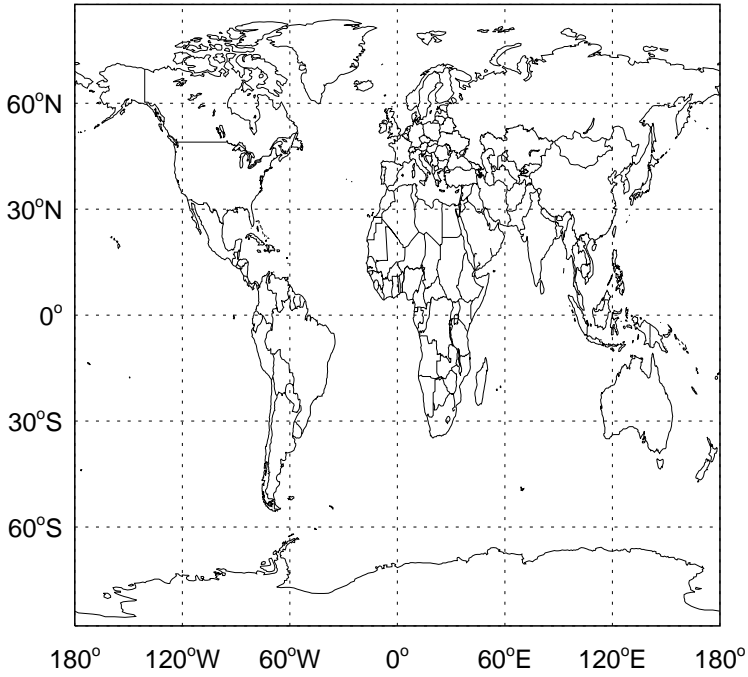


v11-02f-Run0 / v11-02e-Run0  
DST4/ Ratio @ 500 hPa for Jul

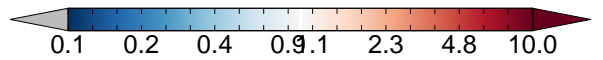


# GEOS-Chem Ratio Maps at surface and 500 hPa

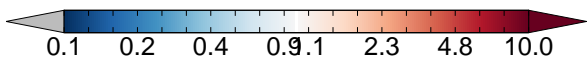
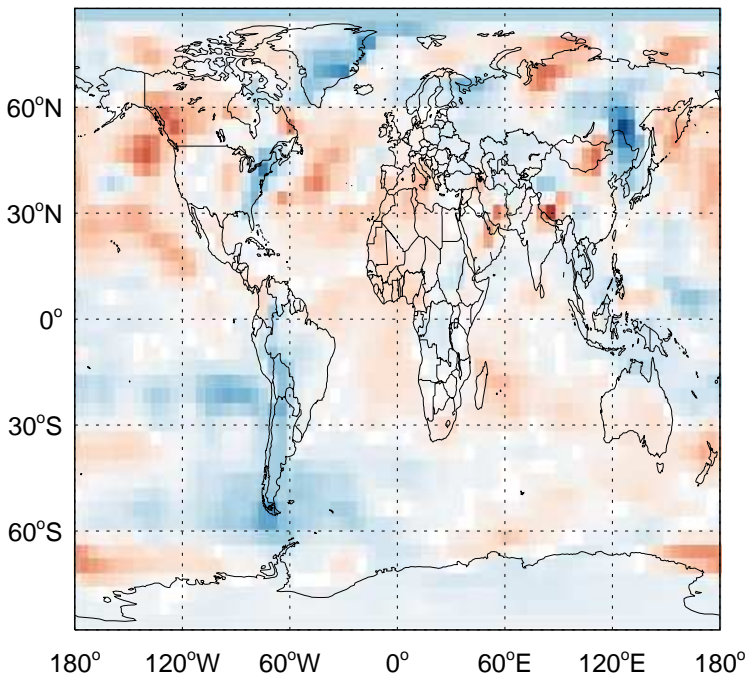
v11-02f-Run0 / v11-02e-Run1  
SALA / Ratio @ Surface for Jul



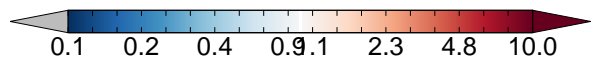
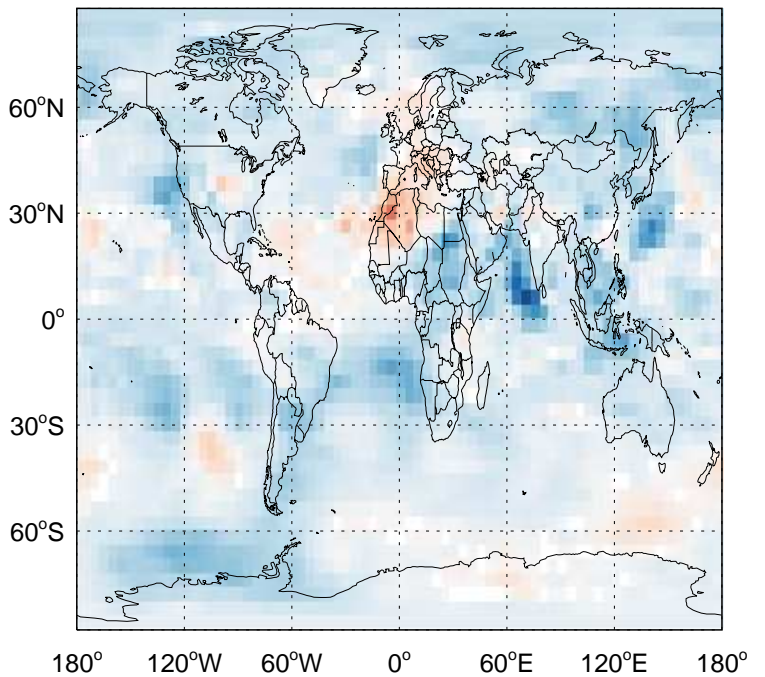
v11-02f-Run0 / v11-02e-Run1  
SALA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SALA / Ratio @ Surface for Jul

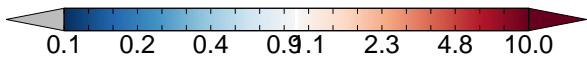
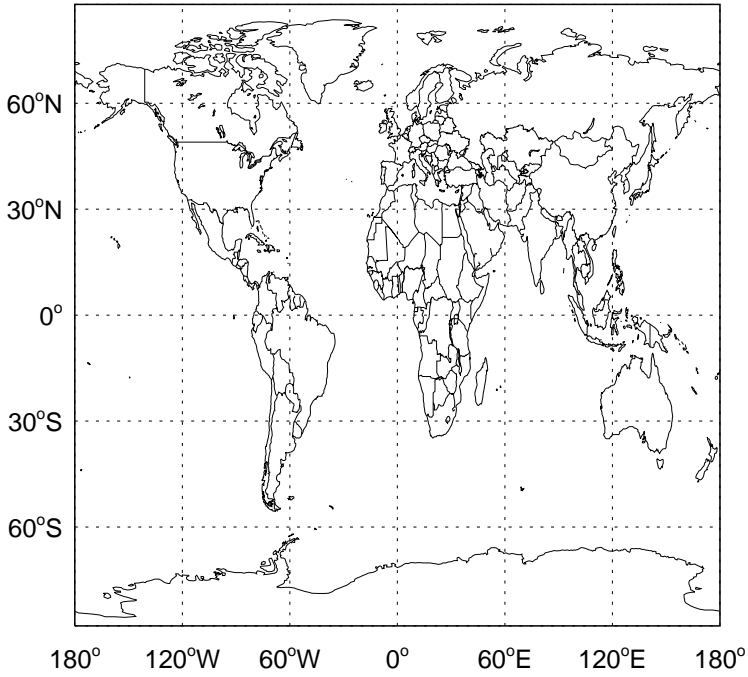


v11-02f-Run0 / v11-02e-Run0  
SALA/ Ratio @ 500 hPa for Jul

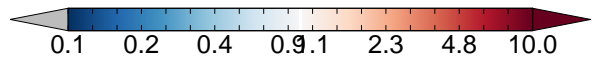


# GEOS-Chem Ratio Maps at surface and 500 hPa

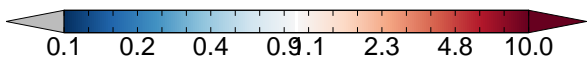
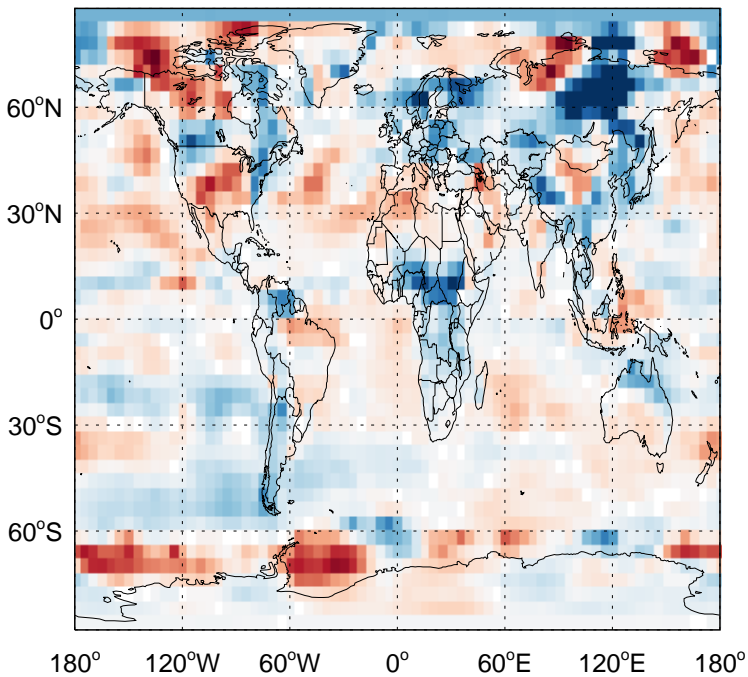
v11-02f-Run0 / v11-02e-Run1  
SALC / Ratio @ Surface for Jul



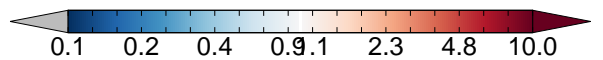
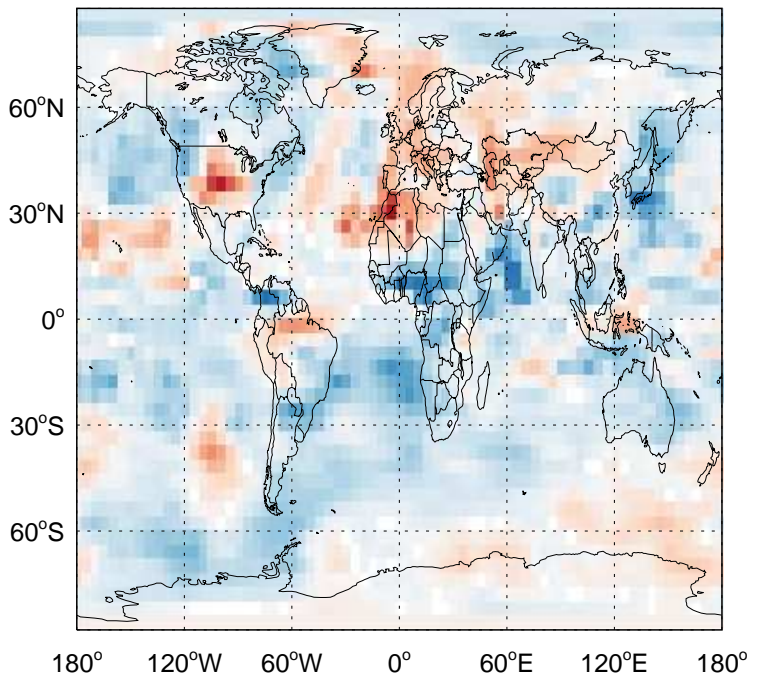
v11-02f-Run0 / v11-02e-Run1  
SALC/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SALC / Ratio @ Surface for Jul

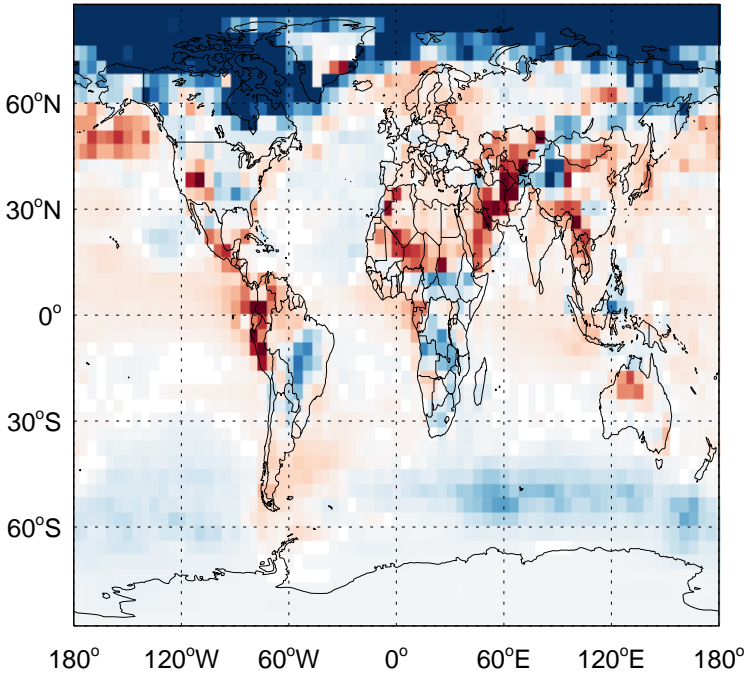


v11-02f-Run0 / v11-02e-Run0  
SALC/ Ratio @ 500 hPa for Jul

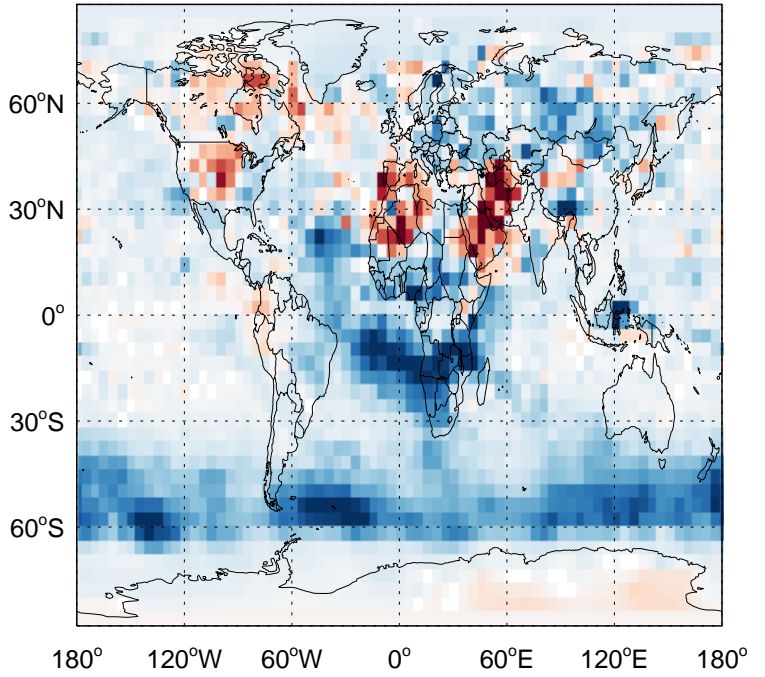


# GEOS-Chem Ratio Maps at surface and 500 hPa

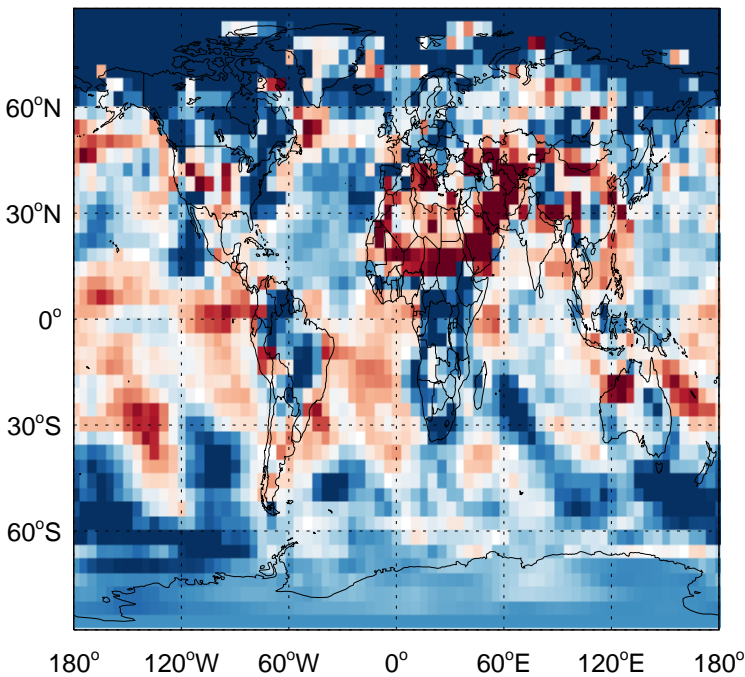
v11-02f-Run0 / v11-02e-Run1  
Br2 / Ratio @ Surface for Jul



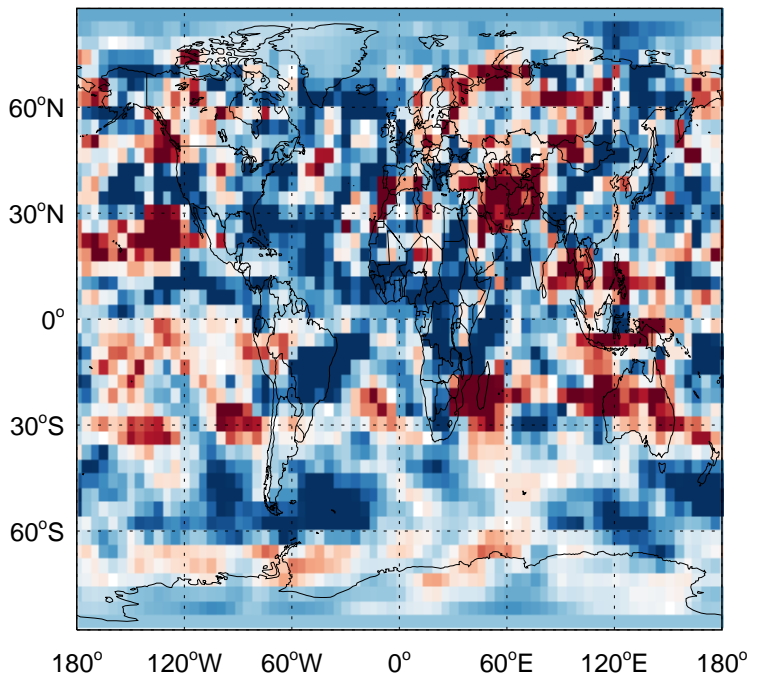
v11-02f-Run0 / v11-02e-Run1  
Br2 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
Br2 / Ratio @ Surface for Jul



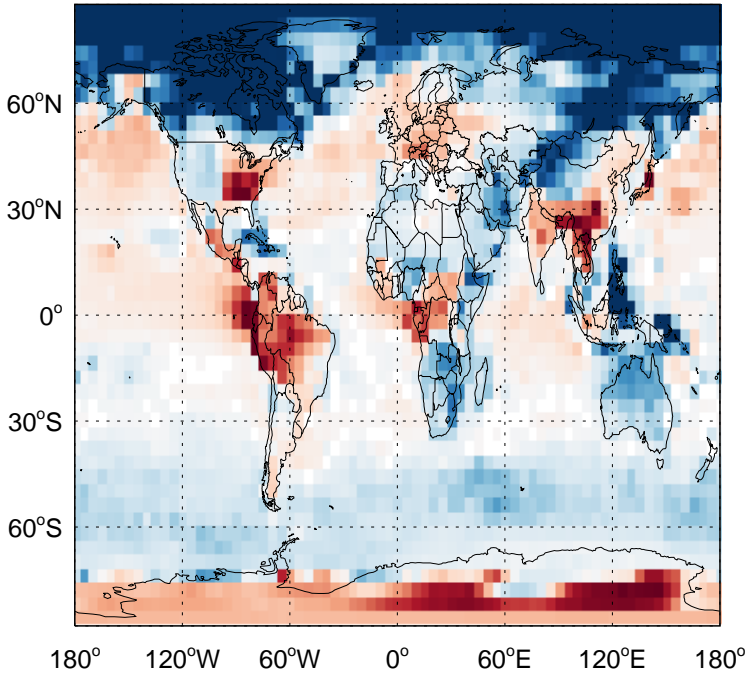
v11-02f-Run0 / v11-02e-Run0  
Br2 / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

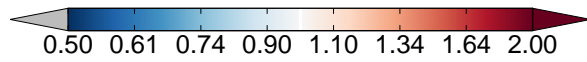
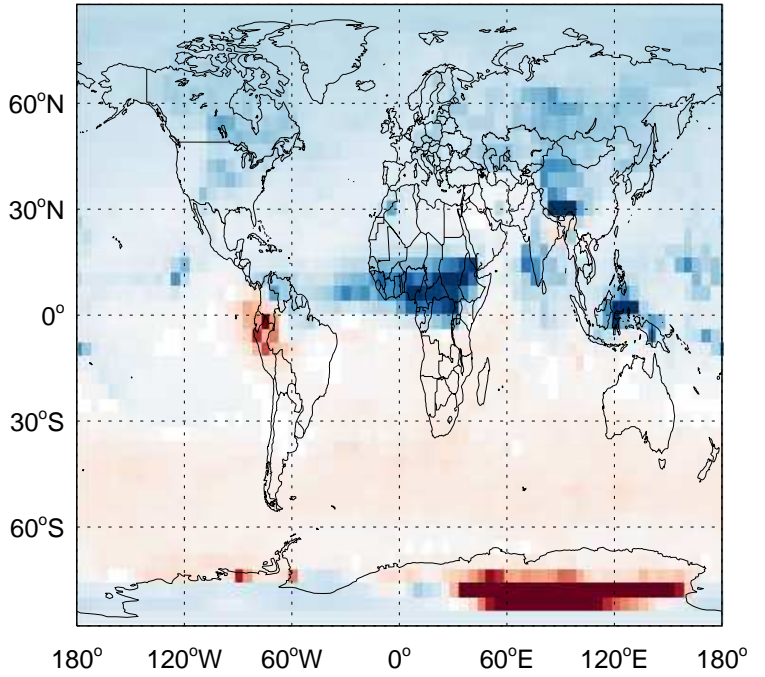
v11-02f-Run0 / v11-02e-Run1

Br / Ratio @ Surface for Jul



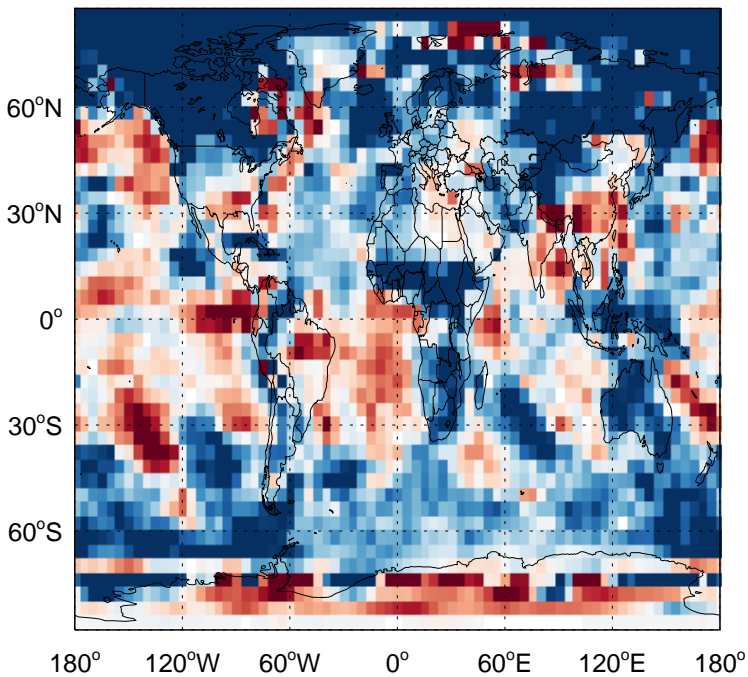
v11-02f-Run0 / v11-02e-Run1

Br / Ratio @ 500 hPa for Jul



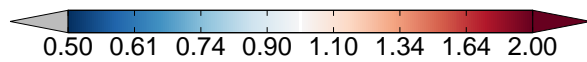
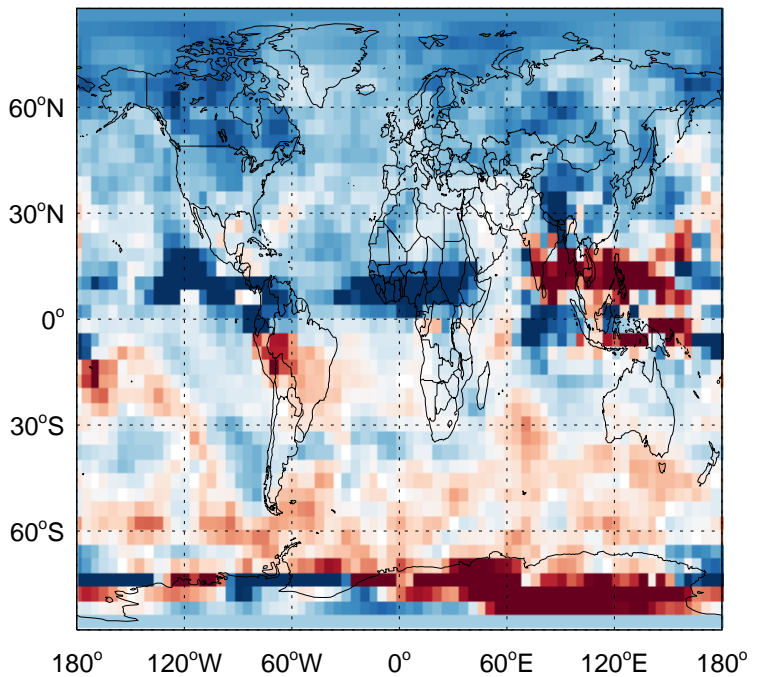
v11-02f-Run0 / v11-02e-Run0

Br / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

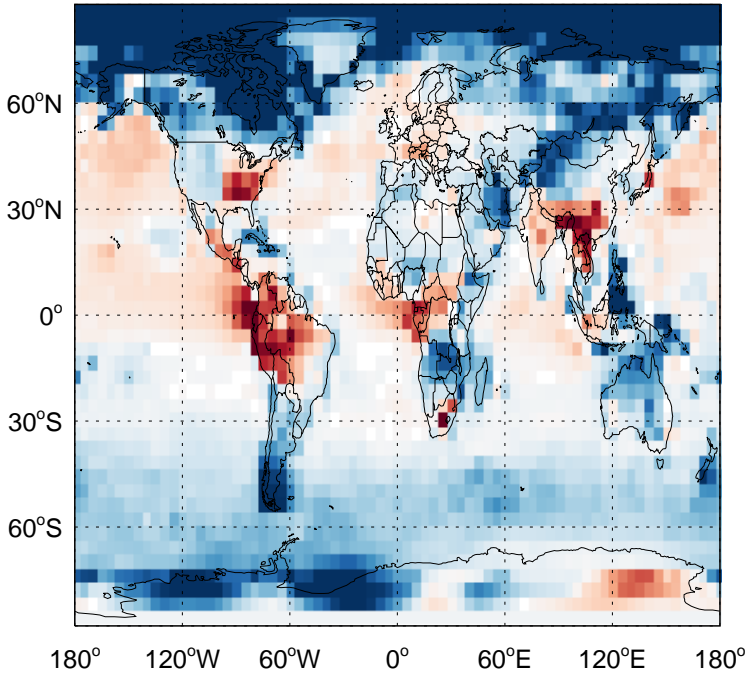
Br / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

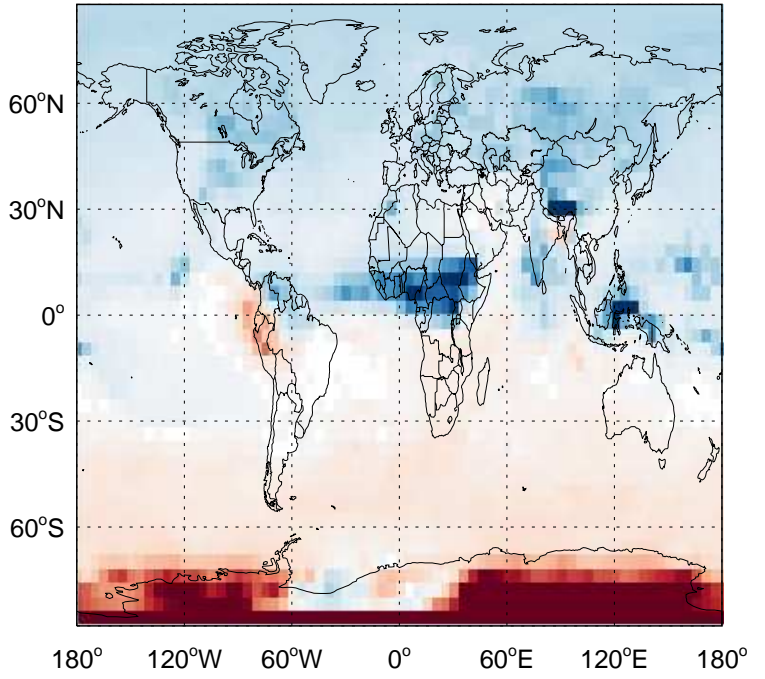
v11-02f-Run0 / v11-02e-Run1

BrO / Ratio @ Surface for Jul



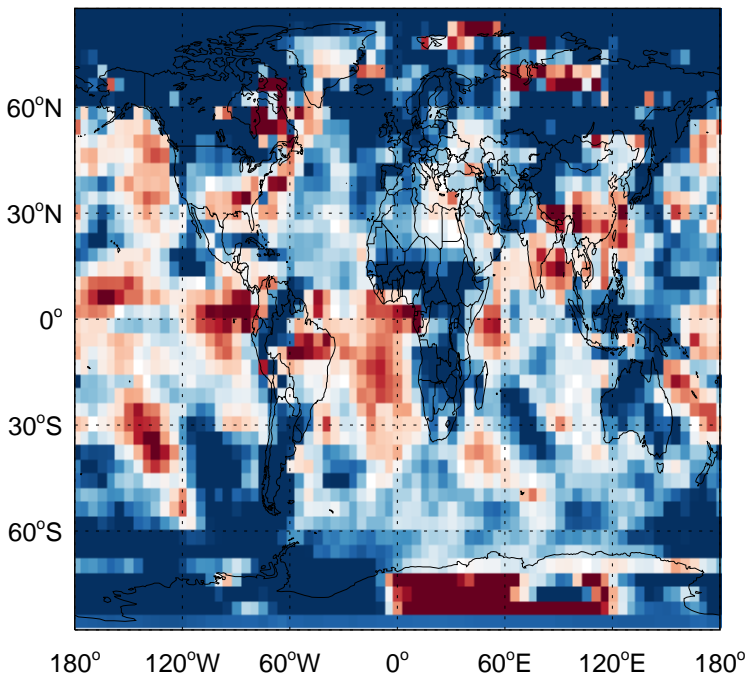
v11-02f-Run0 / v11-02e-Run1

BrO / Ratio @ 500 hPa for Jul



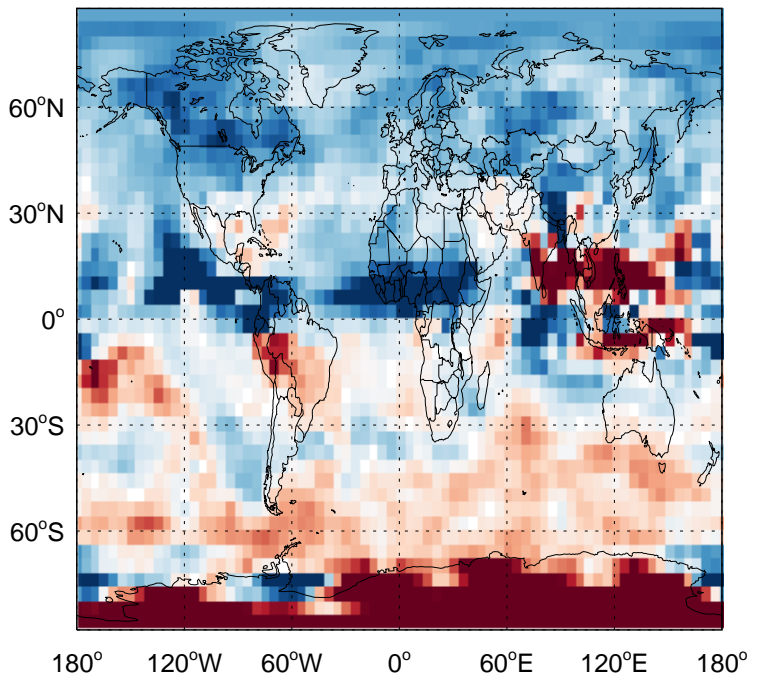
v11-02f-Run0 / v11-02e-Run0

BrO / Ratio @ Surface for Jul



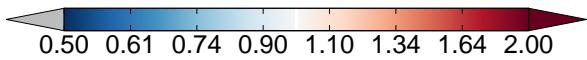
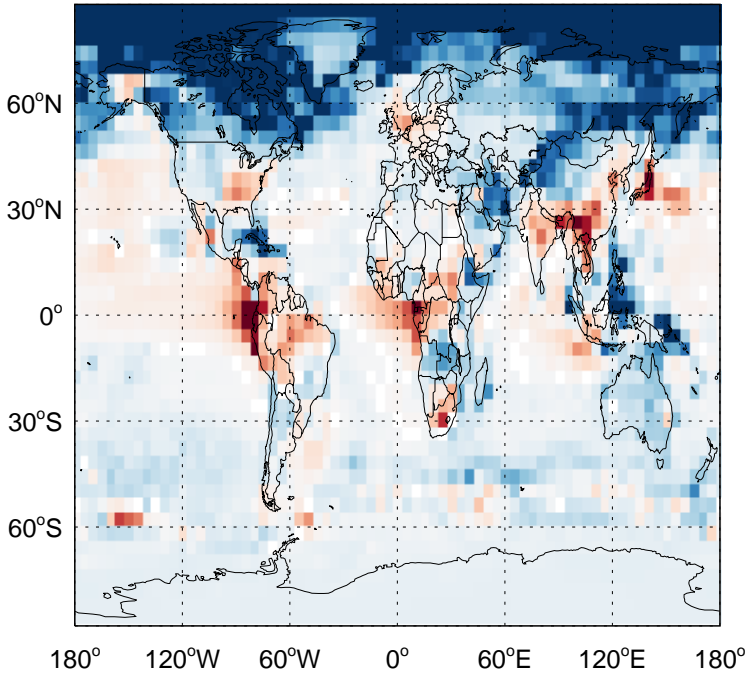
v11-02f-Run0 / v11-02e-Run0

BrO / Ratio @ 500 hPa for Jul

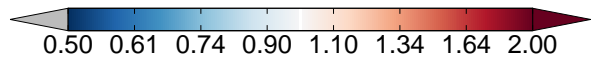
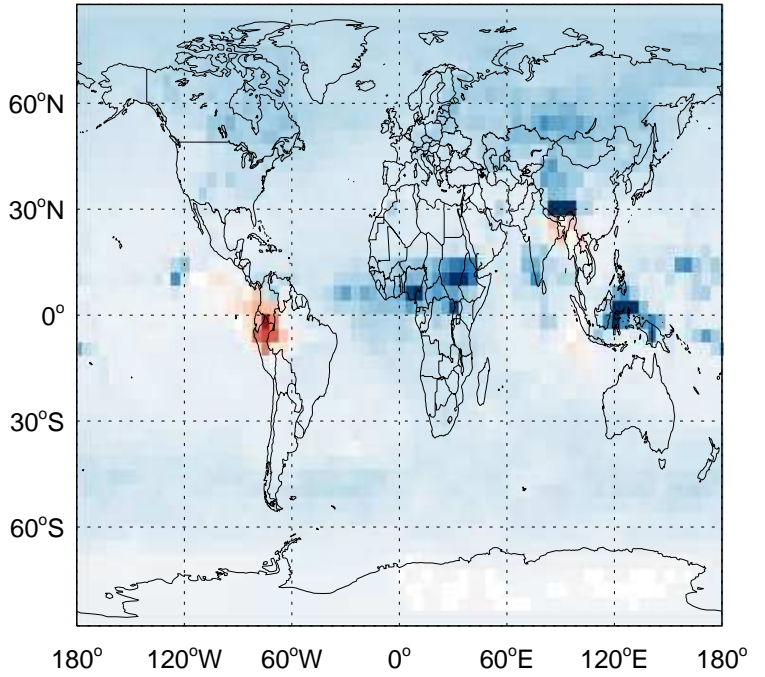


# GEOS-Chem Ratio Maps at surface and 500 hPa

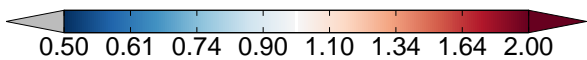
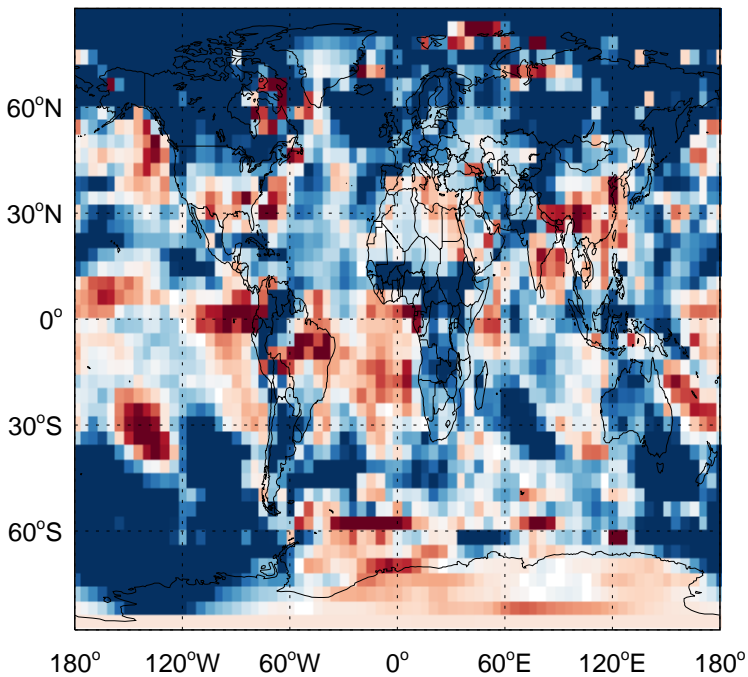
v11-02f-Run0 / v11-02e-Run1  
HOBr / Ratio @ Surface for Jul



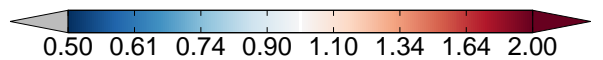
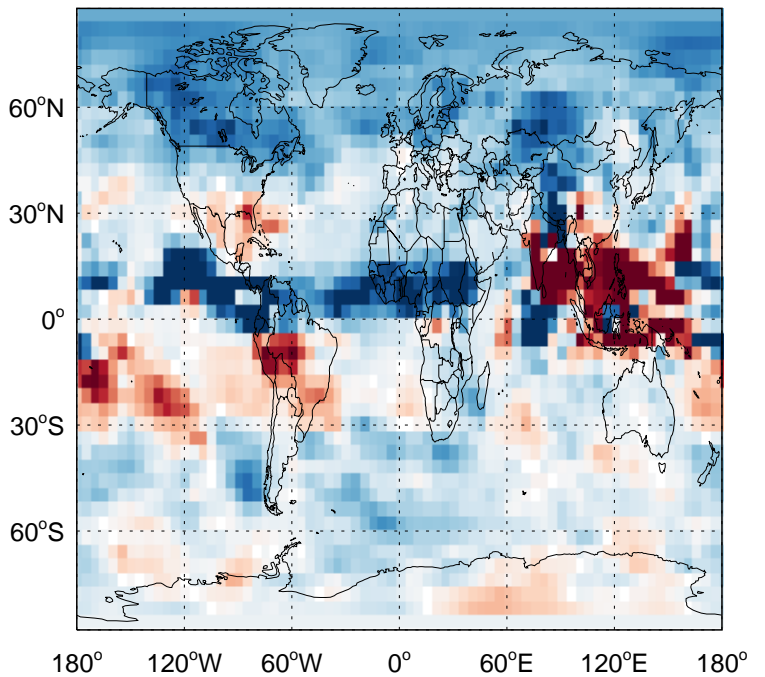
v11-02f-Run0 / v11-02e-Run1  
HOBr/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HOBr / Ratio @ Surface for Jul

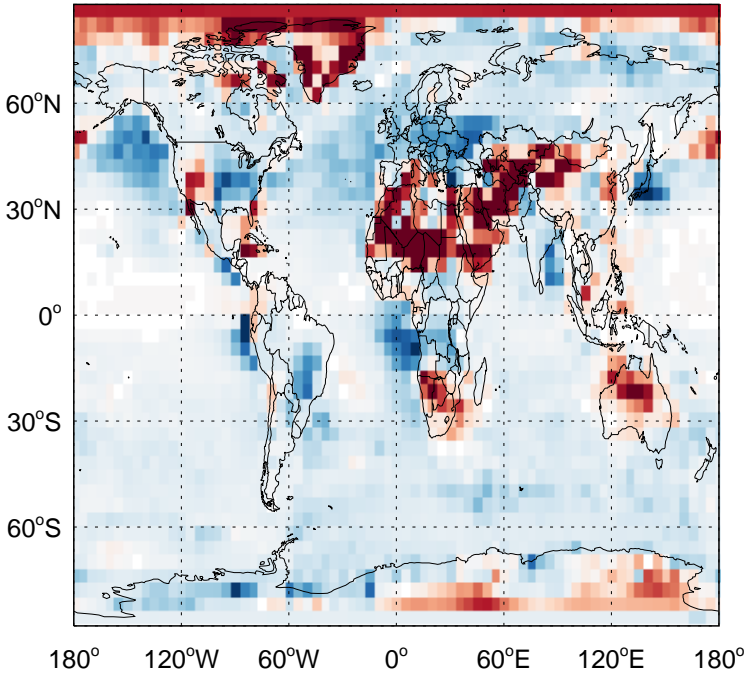


v11-02f-Run0 / v11-02e-Run0  
HOBr/ Ratio @ 500 hPa for Jul

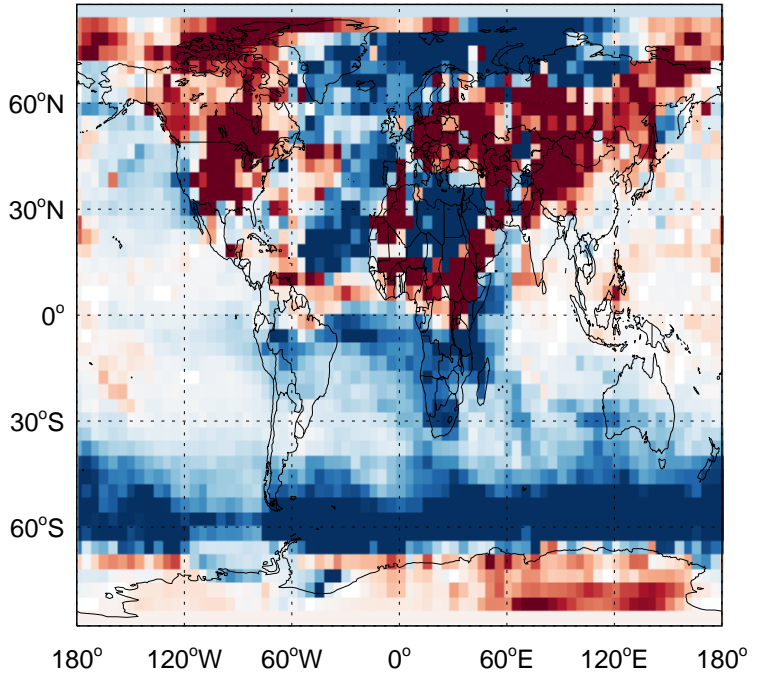


# GEOS-Chem Ratio Maps at surface and 500 hPa

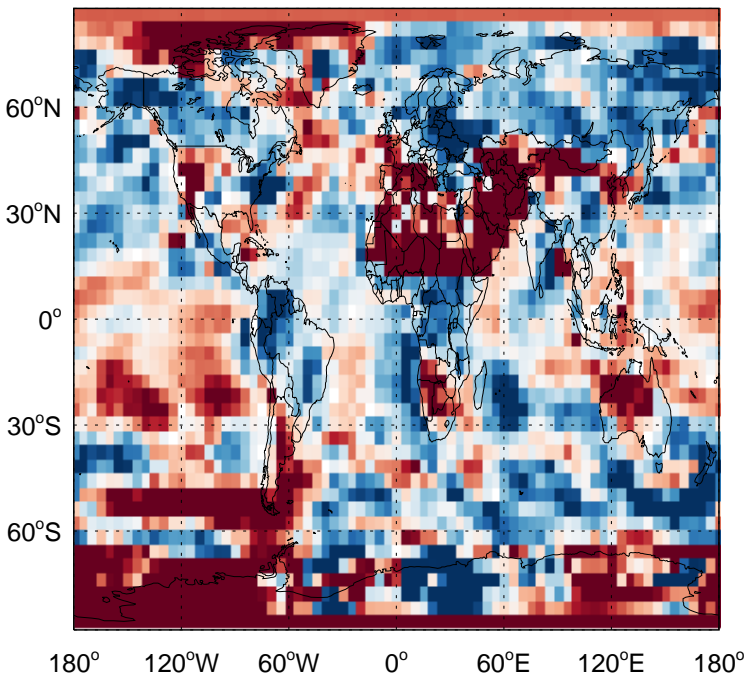
v11-02f-Run0 / v11-02e-Run1  
HBr / Ratio @ Surface for Jul



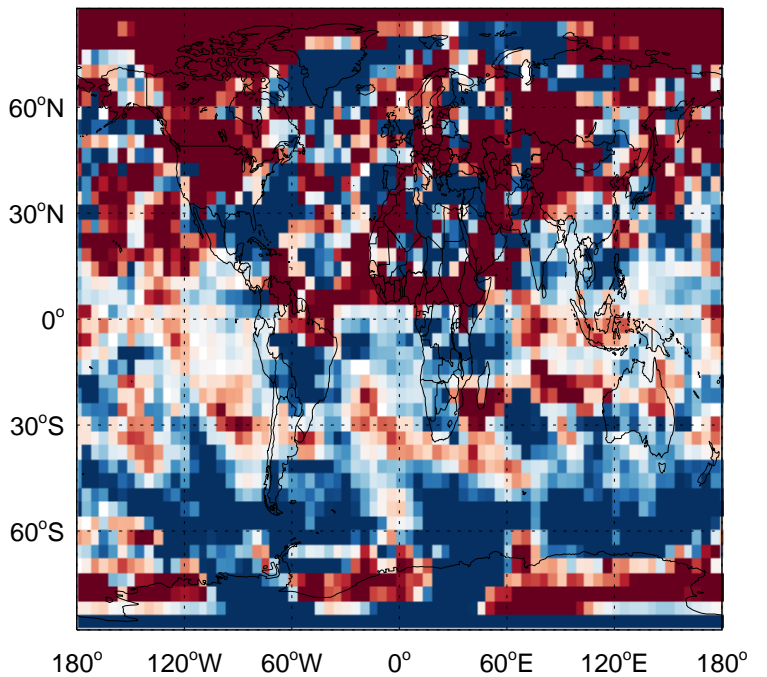
v11-02f-Run0 / v11-02e-Run1  
HBr / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HBr / Ratio @ Surface for Jul



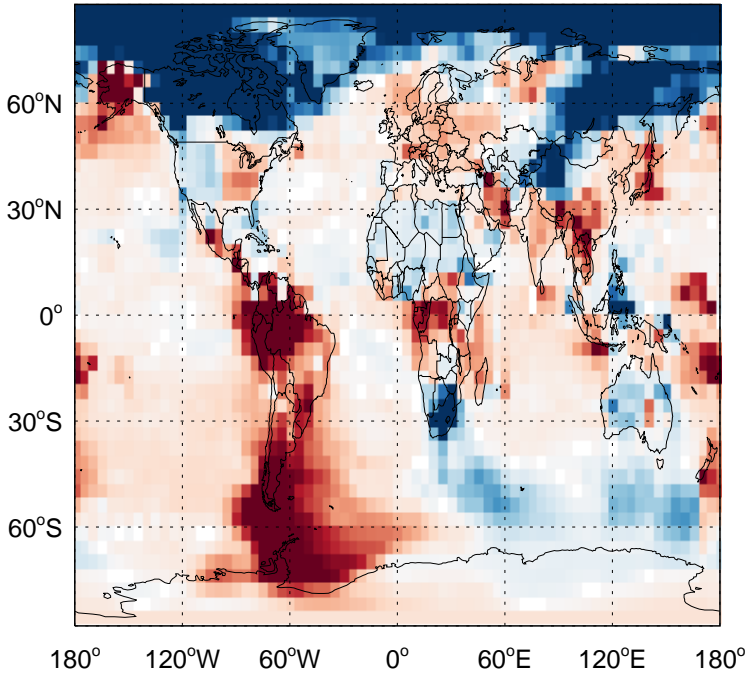
v11-02f-Run0 / v11-02e-Run0  
HBr / Ratio @ 500 hPa for Jul



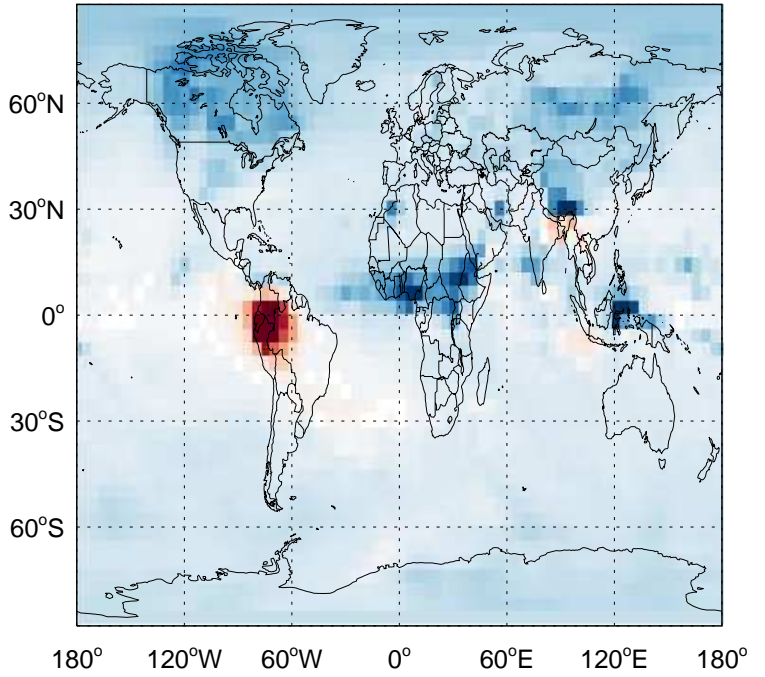


# GEOS-Chem Ratio Maps at surface and 500 hPa

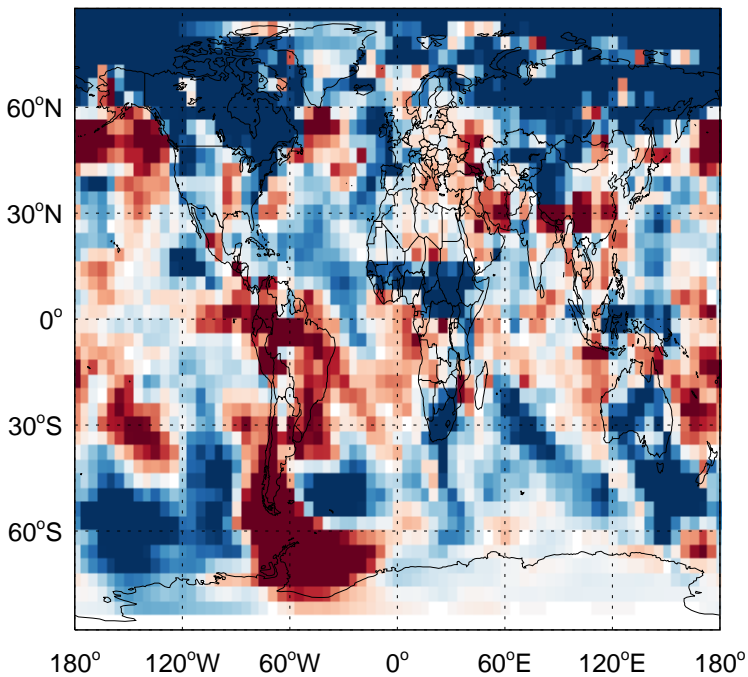
v11-02f-Run0 / v11-02e-Run1  
BrNO<sub>2</sub> / Ratio @ Surface for Jul



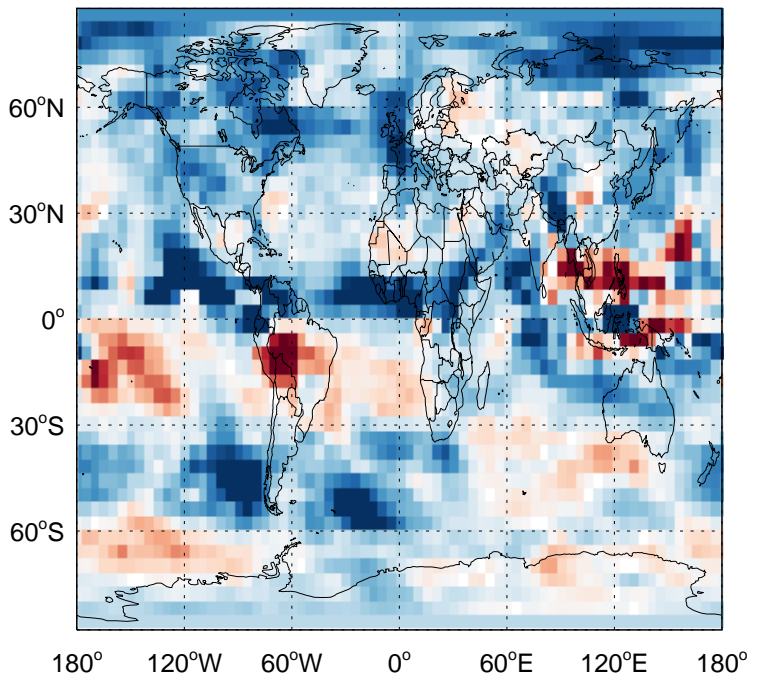
v11-02f-Run0 / v11-02e-Run1  
BrNO<sub>2</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
BrNO<sub>2</sub> / Ratio @ Surface for Jul

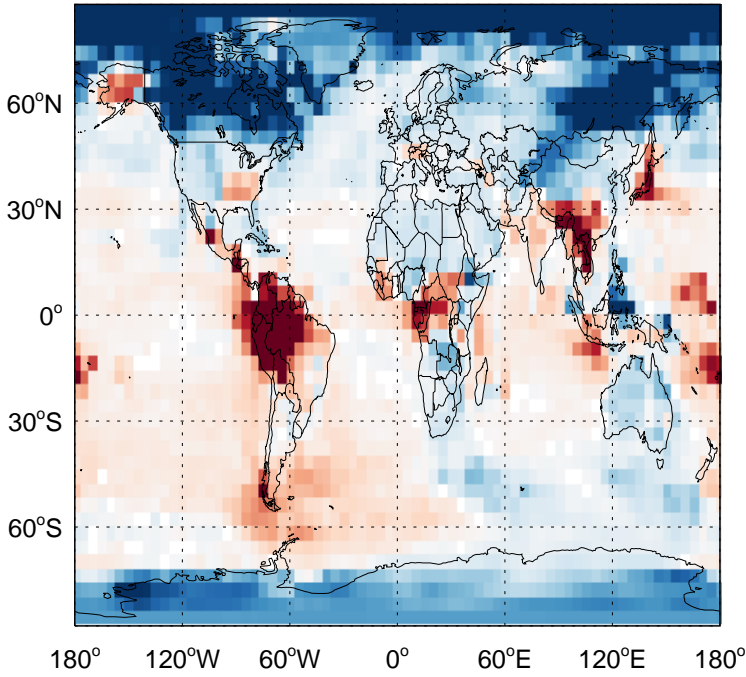


v11-02f-Run0 / v11-02e-Run0  
BrNO<sub>2</sub> / Ratio @ 500 hPa for Jul

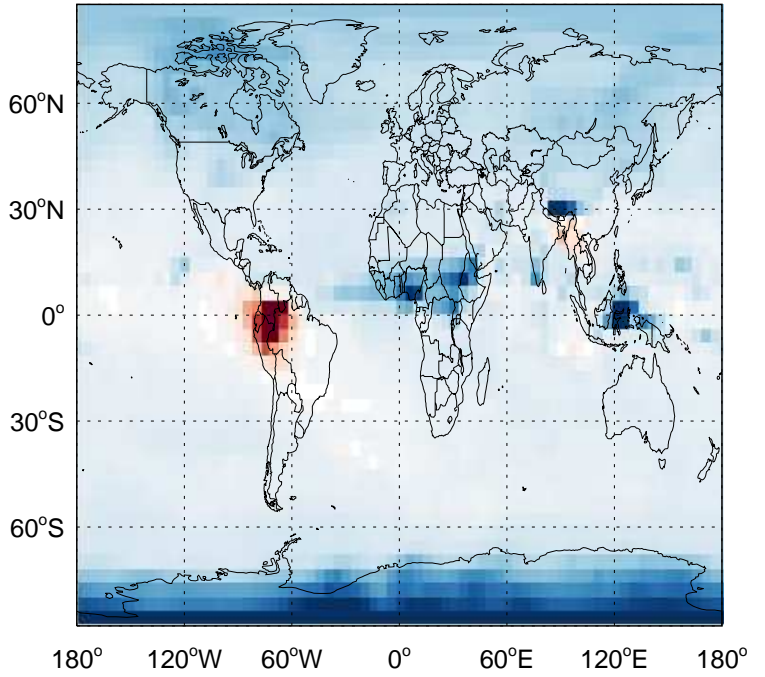


# GEOS-Chem Ratio Maps at surface and 500 hPa

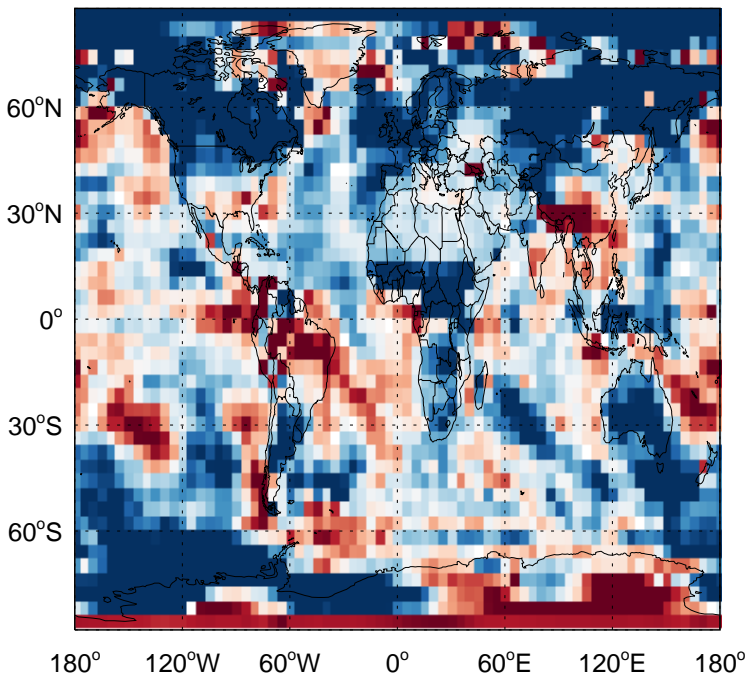
v11-02f-Run0 / v11-02e-Run1  
BrNO<sub>3</sub> / Ratio @ Surface for Jul



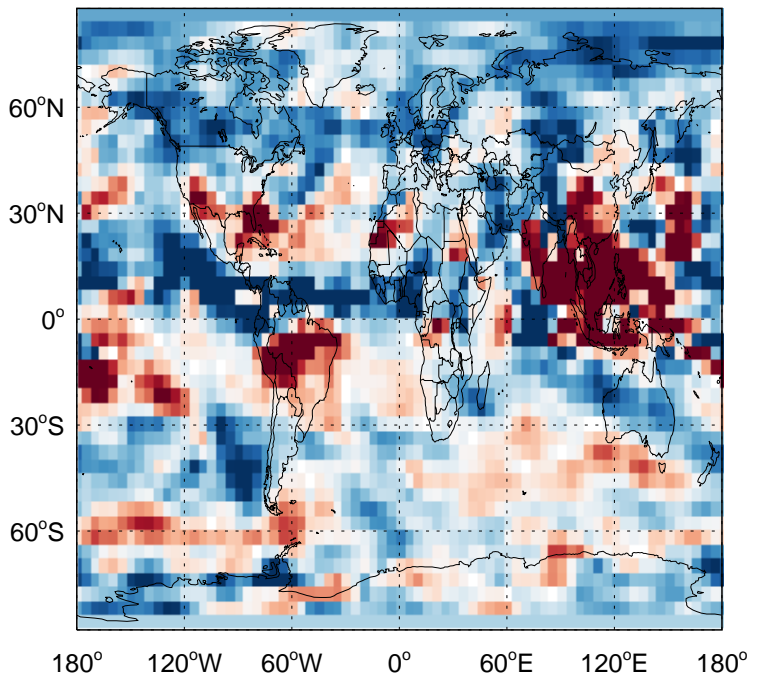
v11-02f-Run0 / v11-02e-Run1  
BrNO<sub>3</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
BrNO<sub>3</sub> / Ratio @ Surface for Jul

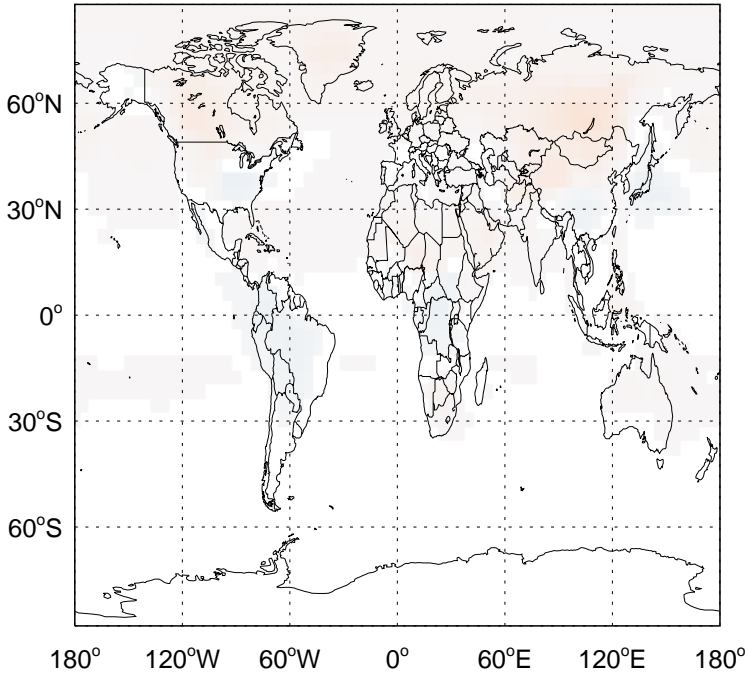


v11-02f-Run0 / v11-02e-Run0  
BrNO<sub>3</sub> / Ratio @ 500 hPa for Jul

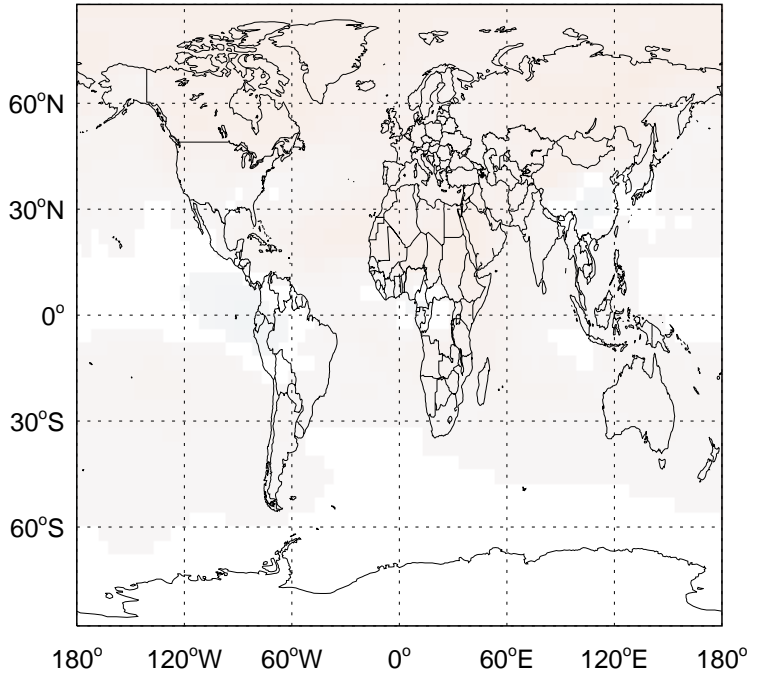


# GEOS-Chem Ratio Maps at surface and 500 hPa

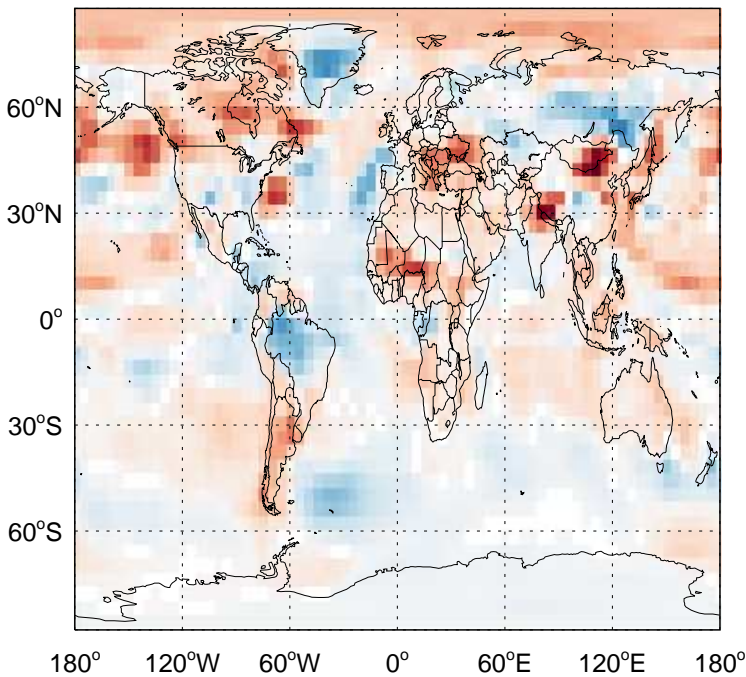
v11-02f-Run0 / v11-02e-Run1  
CHBr3 / Ratio @ Surface for Jul



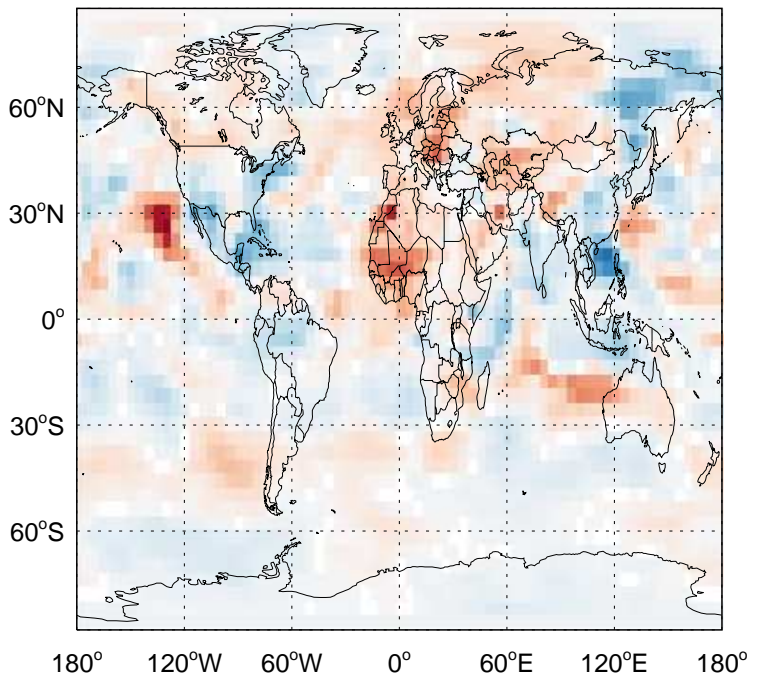
v11-02f-Run0 / v11-02e-Run1  
CHBr3 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CHBr3 / Ratio @ Surface for Jul

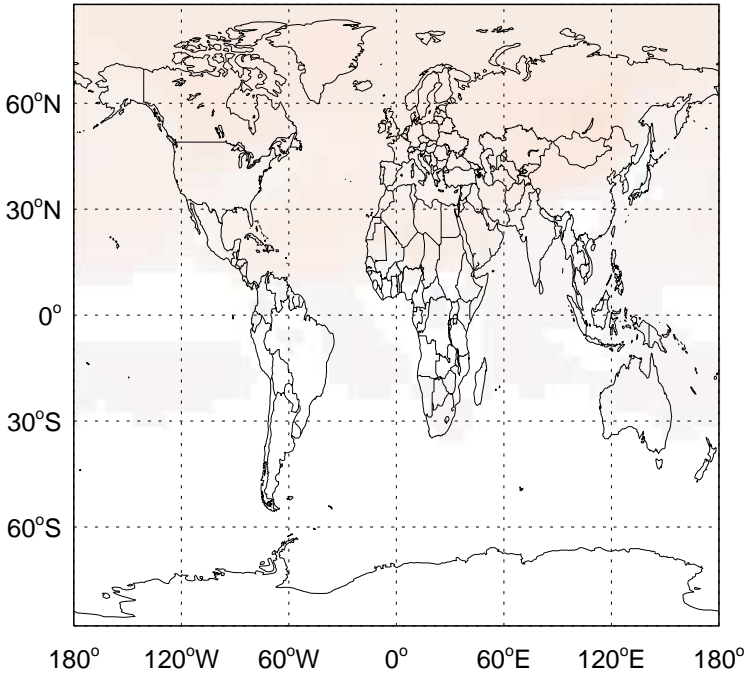


v11-02f-Run0 / v11-02e-Run0  
CHBr3 / Ratio @ 500 hPa for Jul

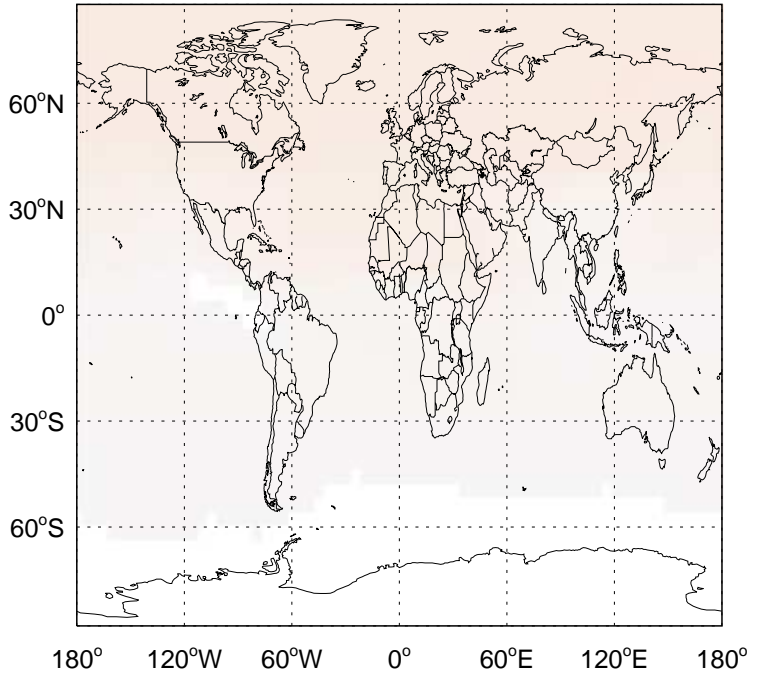


# GEOS-Chem Ratio Maps at surface and 500 hPa

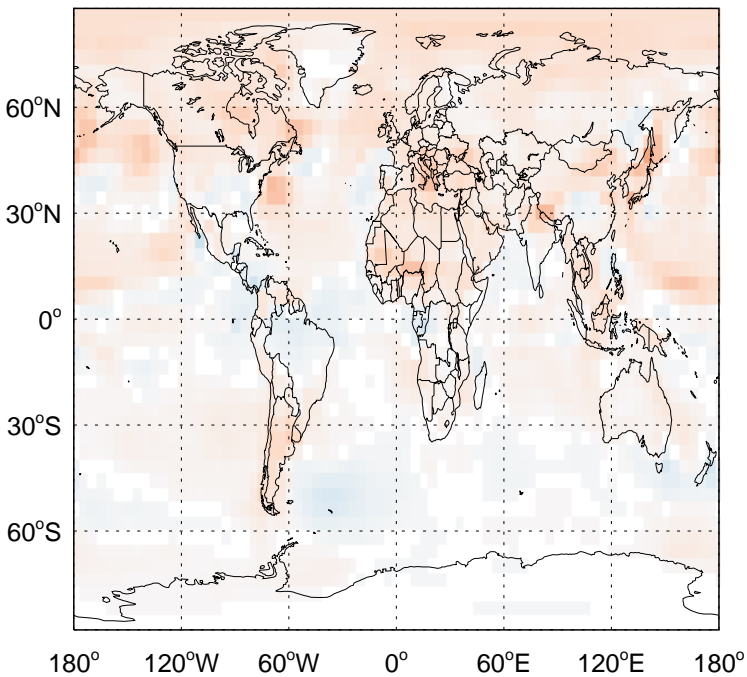
v11-02f-Run0 / v11-02e-Run1  
CH<sub>2</sub>Br<sub>2</sub> / Ratio @ Surface for Jul



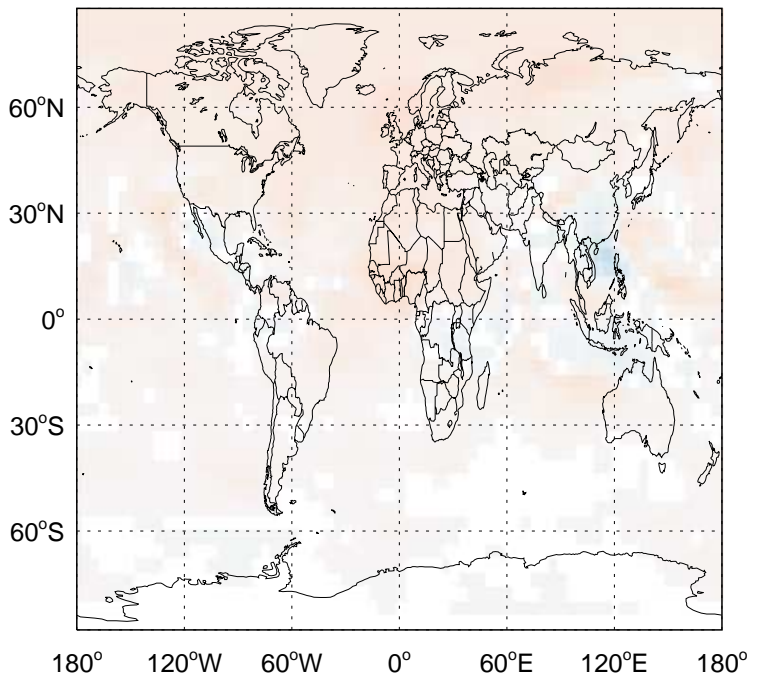
v11-02f-Run0 / v11-02e-Run1  
CH<sub>2</sub>Br<sub>2</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CH<sub>2</sub>Br<sub>2</sub> / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0  
CH<sub>2</sub>Br<sub>2</sub> / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

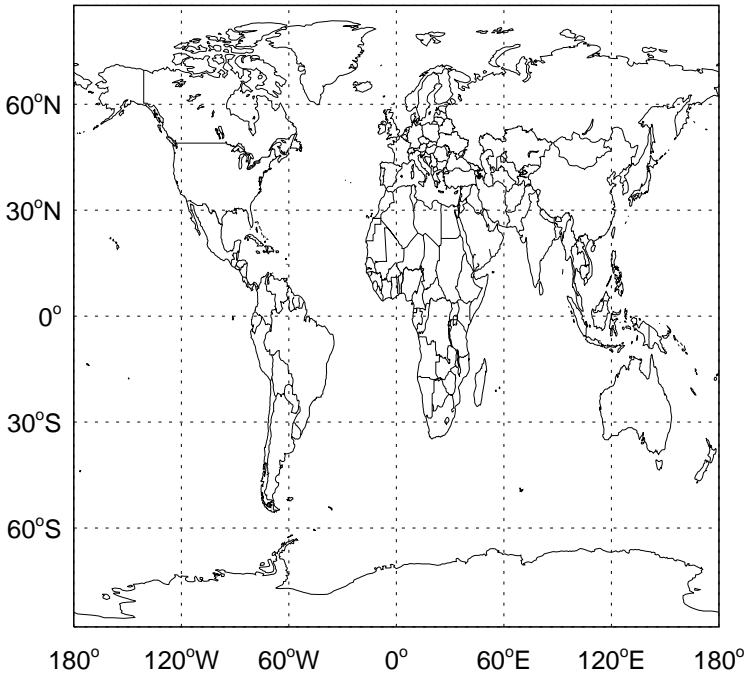
v11-02f-Run0 / v11-02e-Run1  
CH3Br / Ratio @ Surface for Jul



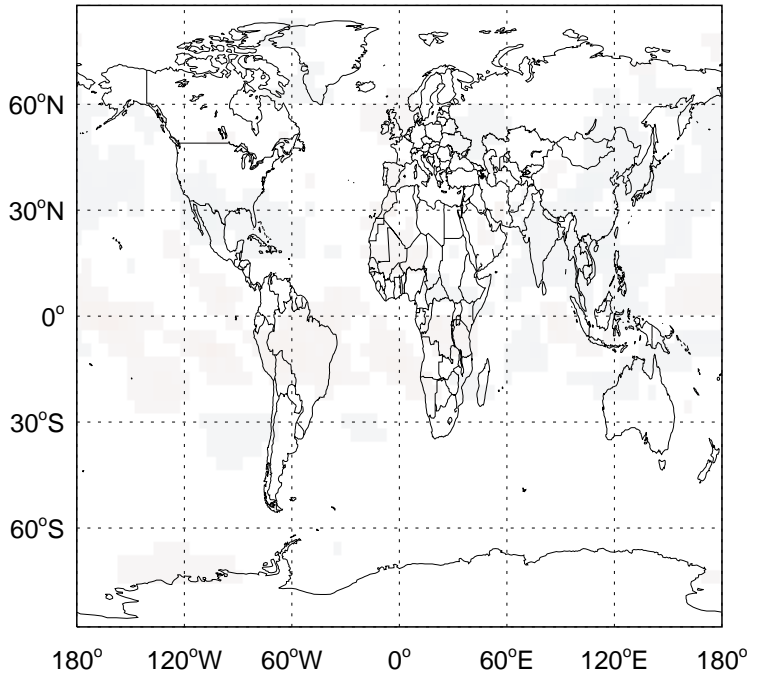
v11-02f-Run0 / v11-02e-Run1  
CH3Br / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CH3Br / Ratio @ Surface for Jul

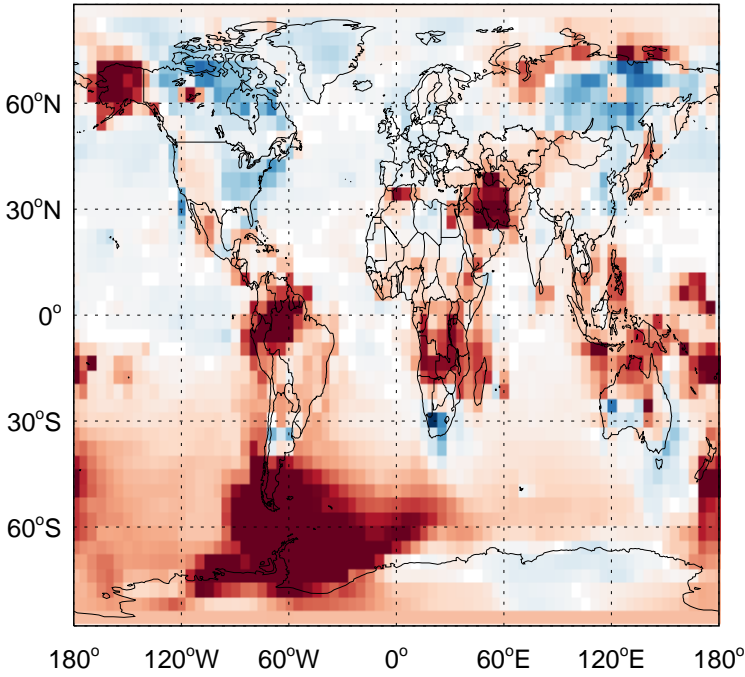


v11-02f-Run0 / v11-02e-Run0  
CH3Br / Ratio @ 500 hPa for Jul

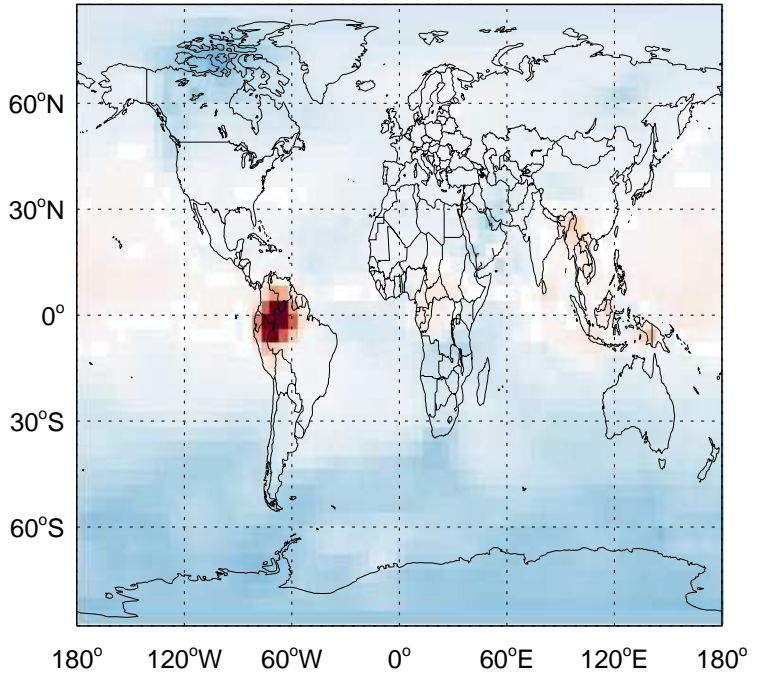


# GEOS-Chem Ratio Maps at surface and 500 hPa

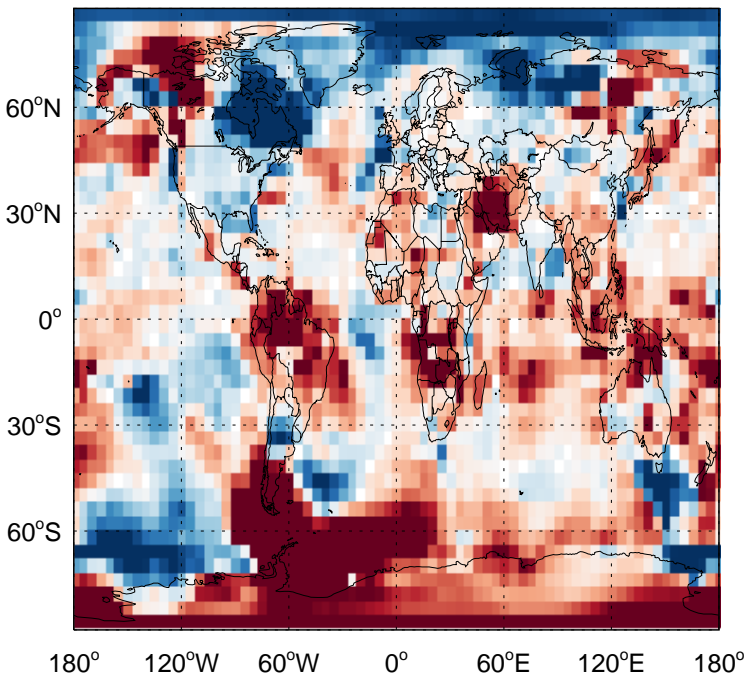
v11-02f-Run0 / v11-02e-Run1  
MPN / Ratio @ Surface for Jul



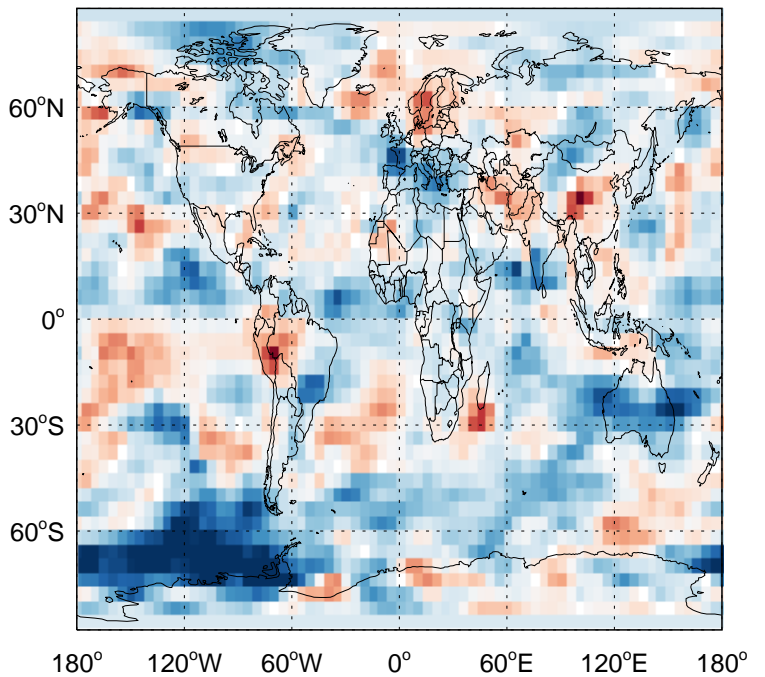
v11-02f-Run0 / v11-02e-Run1  
MPN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MPN / Ratio @ Surface for Jul

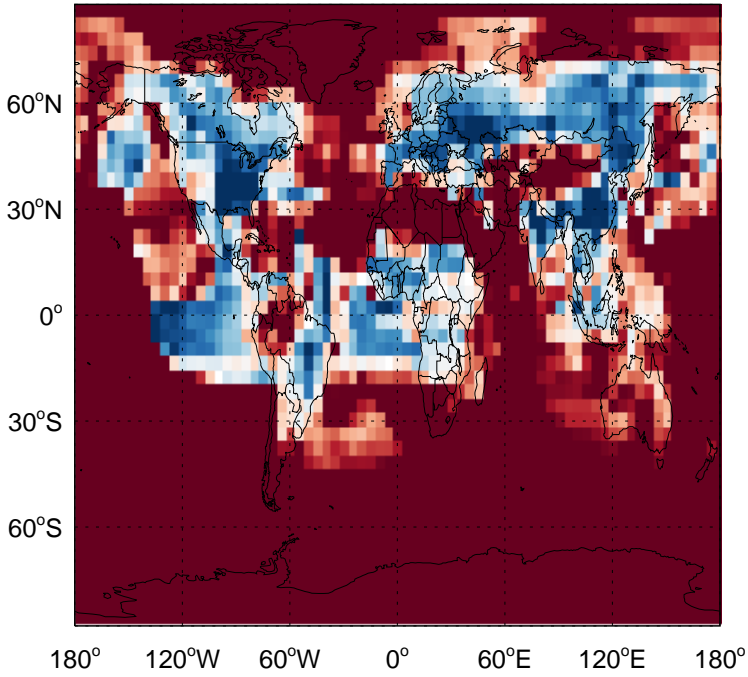


v11-02f-Run0 / v11-02e-Run0  
MPN/ Ratio @ 500 hPa for Jul

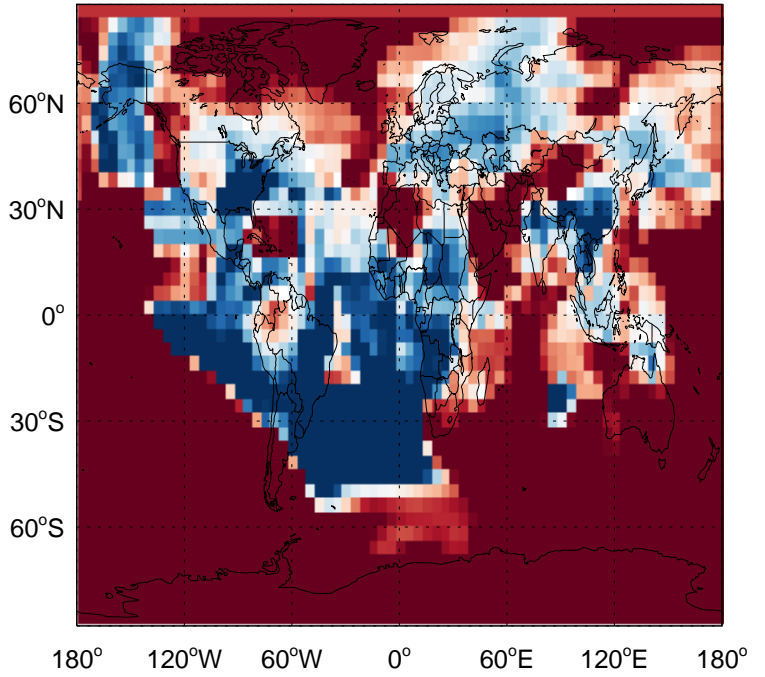


# GEOS-Chem Ratio Maps at surface and 500 hPa

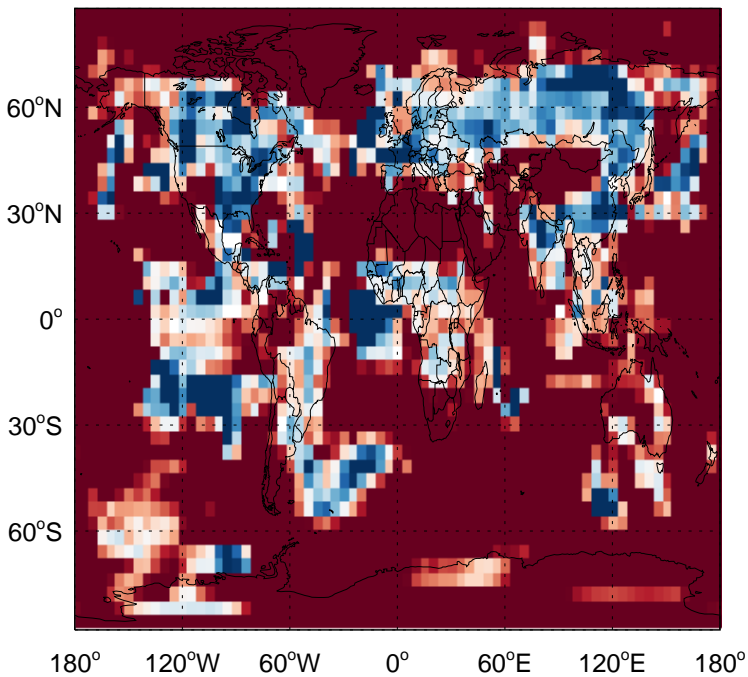
v11-02f-Run0 / v11-02e-Run1  
ISOPND / Ratio @ Surface for Jul



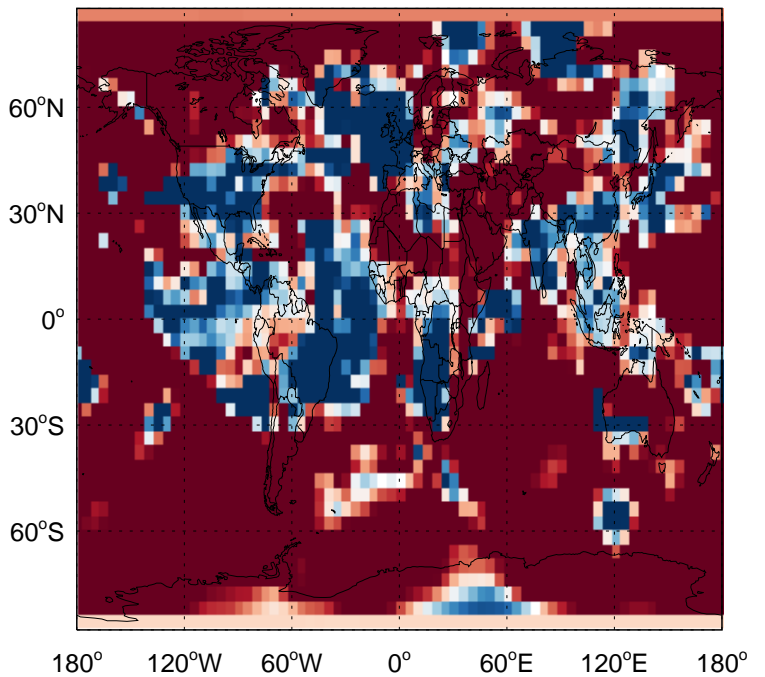
v11-02f-Run0 / v11-02e-Run1  
ISOPND/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOPND / Ratio @ Surface for Jul

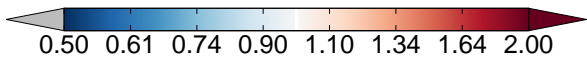
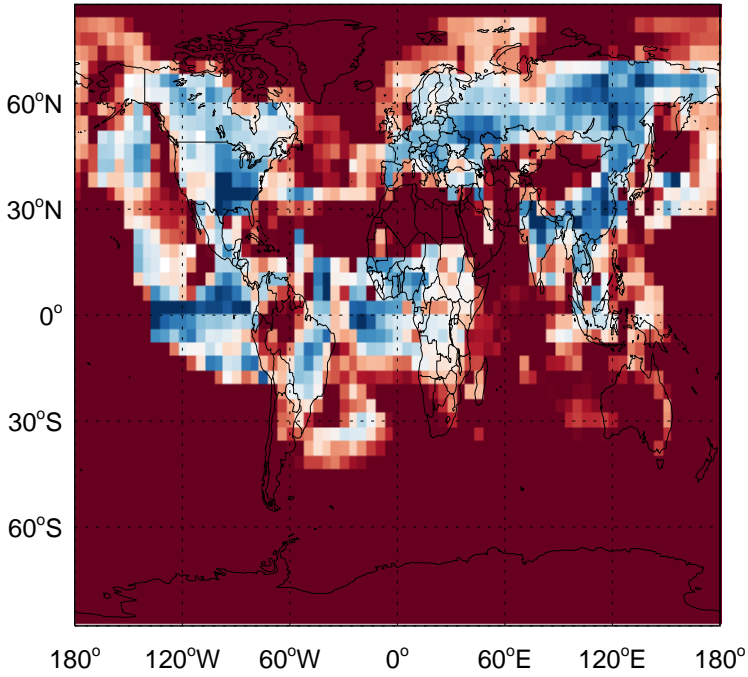


v11-02f-Run0 / v11-02e-Run0  
ISOPND/ Ratio @ 500 hPa for Jul

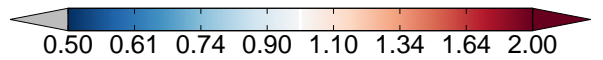
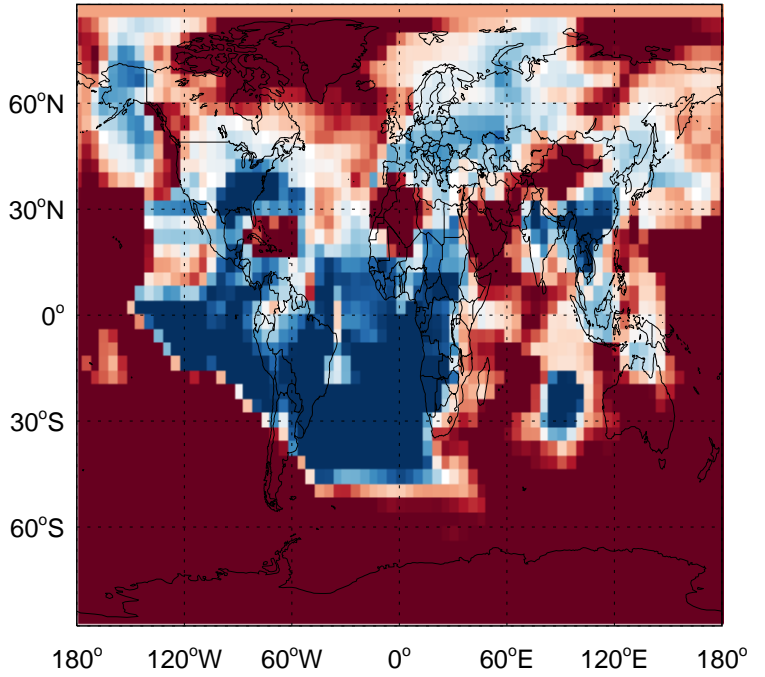


# GEOS-Chem Ratio Maps at surface and 500 hPa

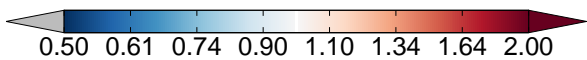
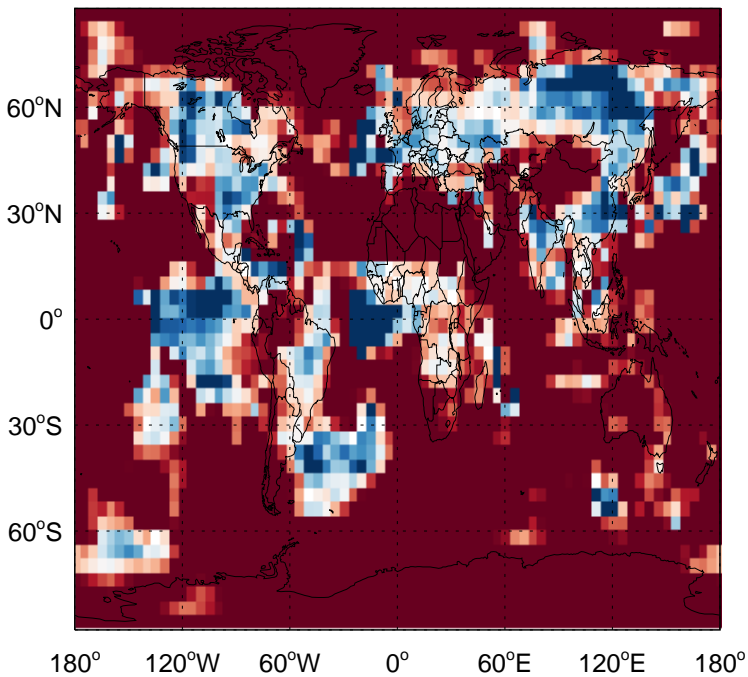
v11-02f-Run0 / v11-02e-Run1  
ISOPNB / Ratio @ Surface for Jul



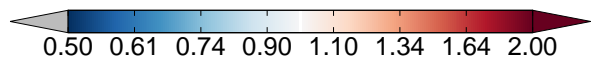
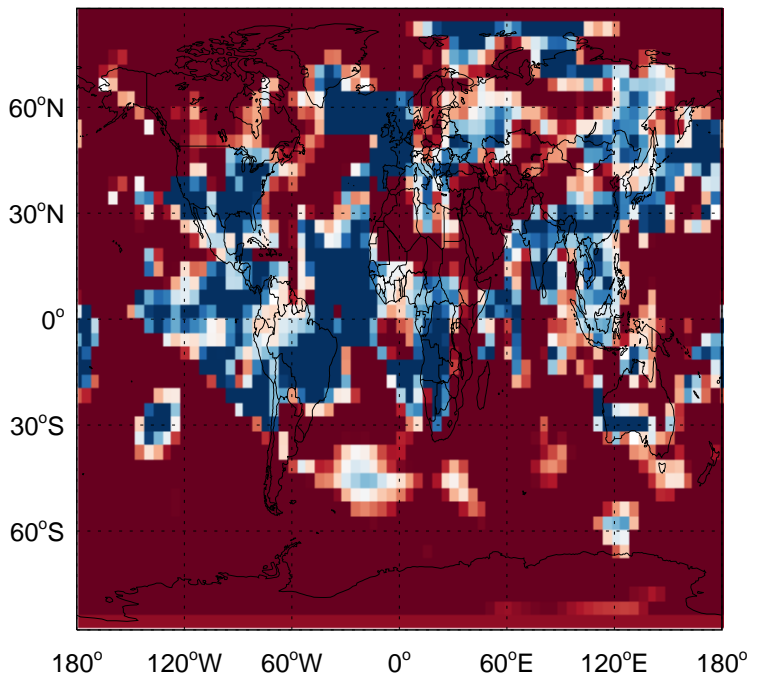
v11-02f-Run0 / v11-02e-Run1  
ISOPNB/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOPNB / Ratio @ Surface for Jul



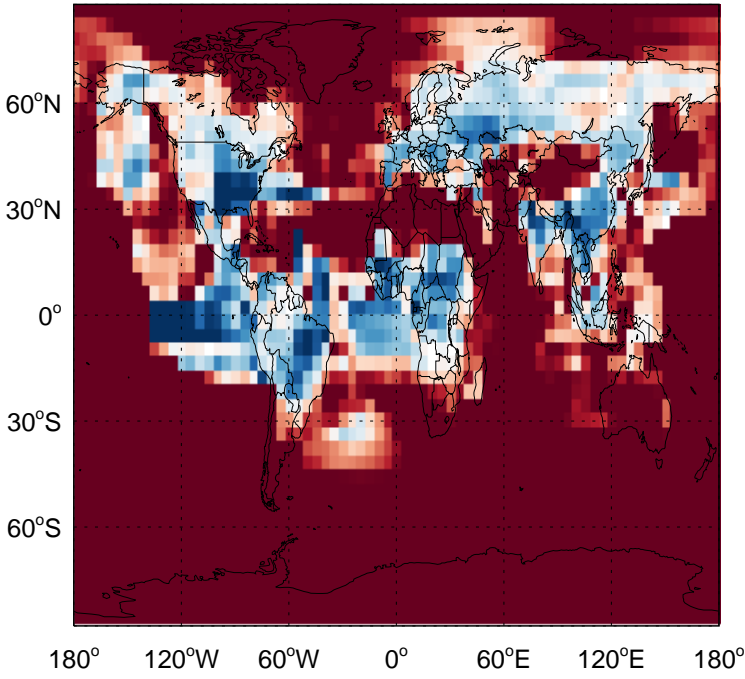
v11-02f-Run0 / v11-02e-Run0  
ISOPNB/ Ratio @ 500 hPa for Jul



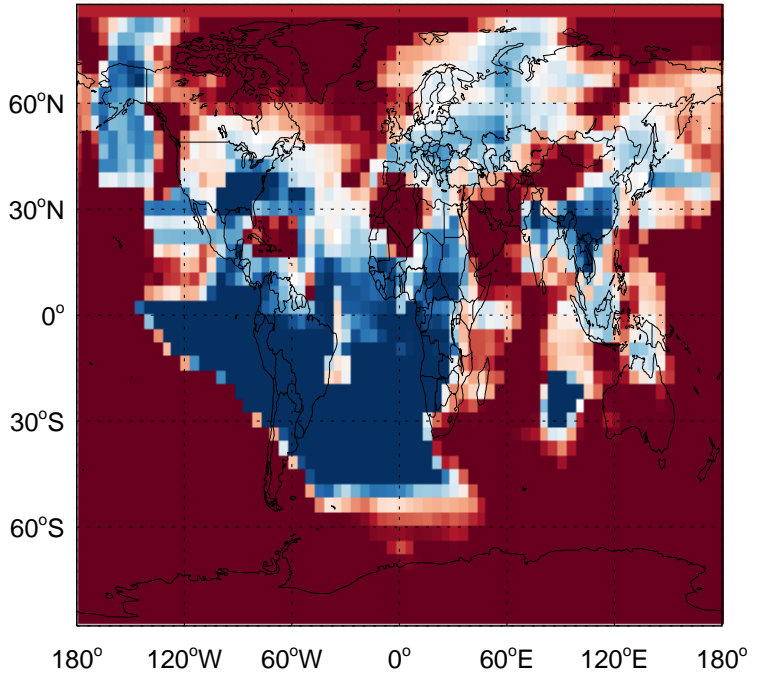


# GEOS-Chem Ratio Maps at surface and 500 hPa

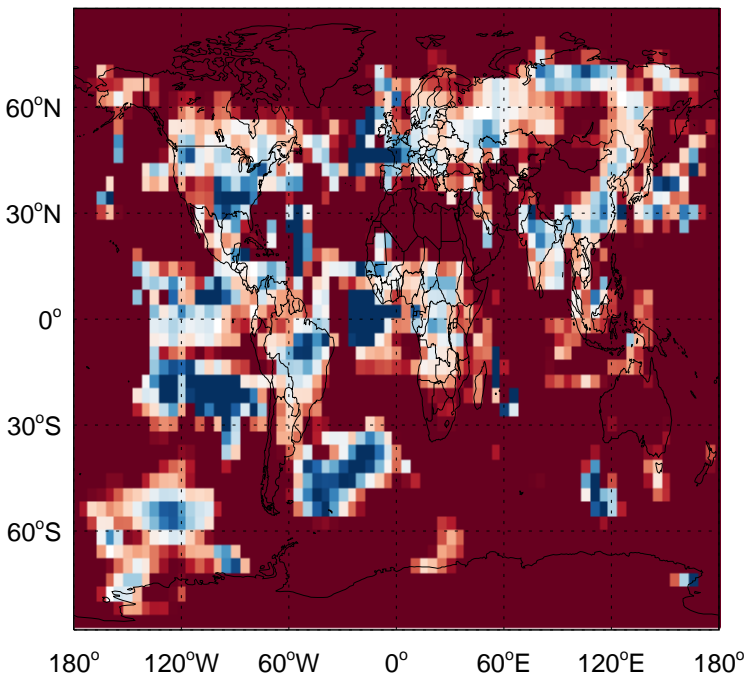
v11-02f-Run0 / v11-02e-Run1  
MOBA / Ratio @ Surface for Jul



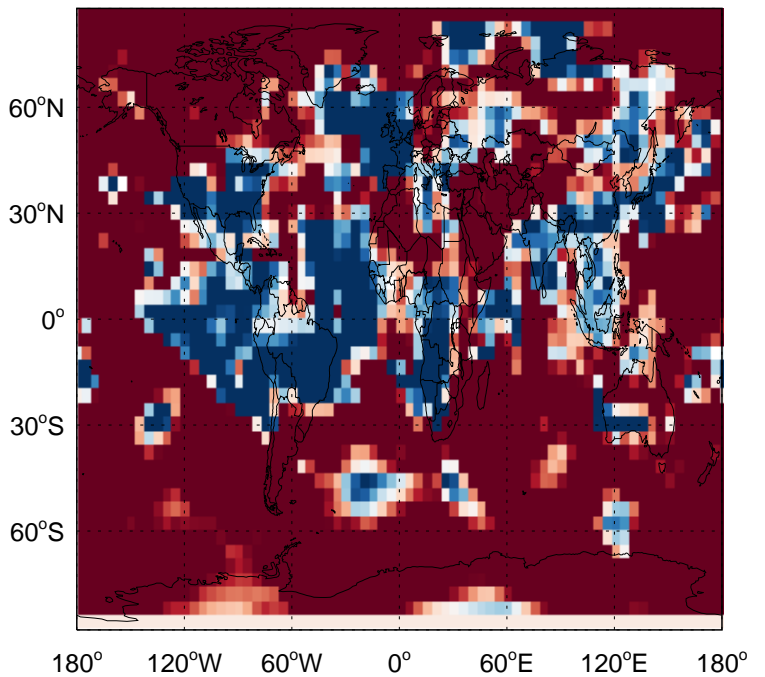
v11-02f-Run0 / v11-02e-Run1  
MOBA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MOBA / Ratio @ Surface for Jul

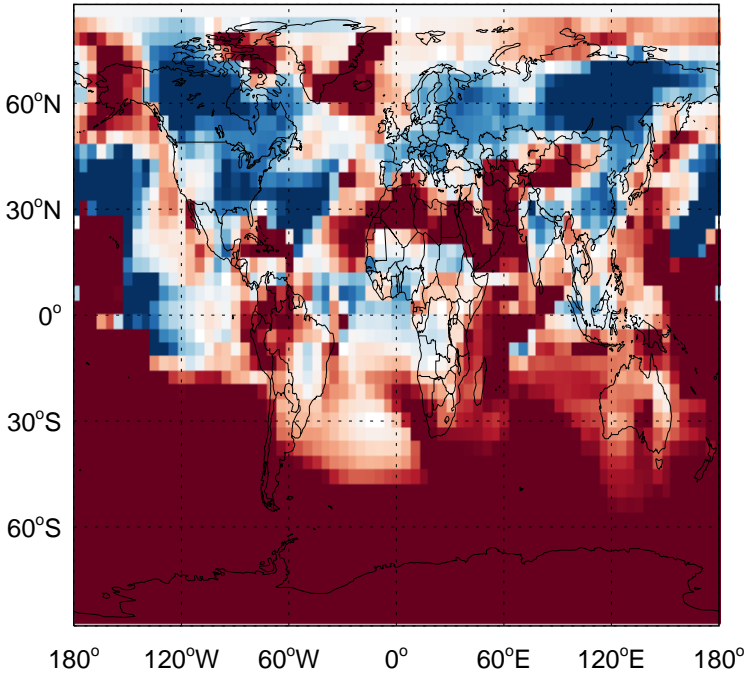


v11-02f-Run0 / v11-02e-Run0  
MOBA/ Ratio @ 500 hPa for Jul

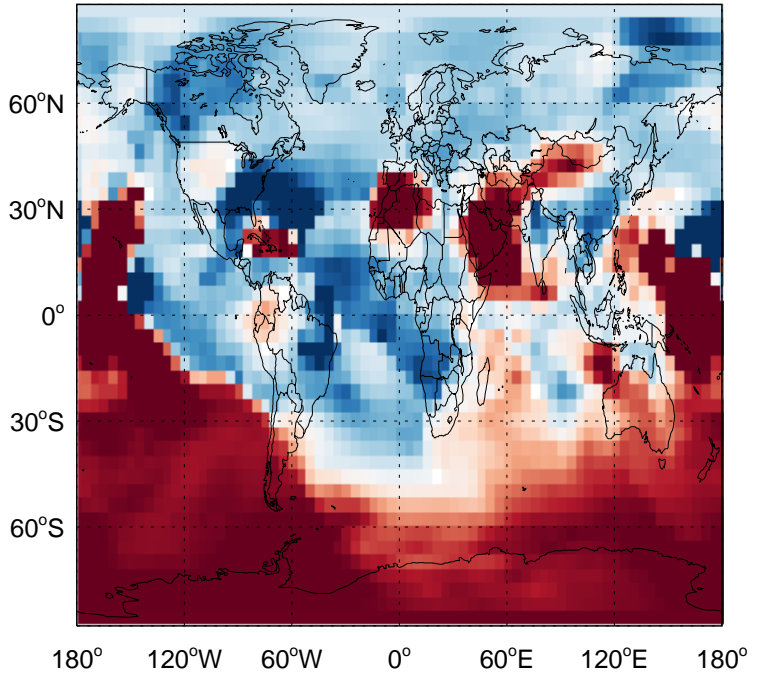


# GEOS-Chem Ratio Maps at surface and 500 hPa

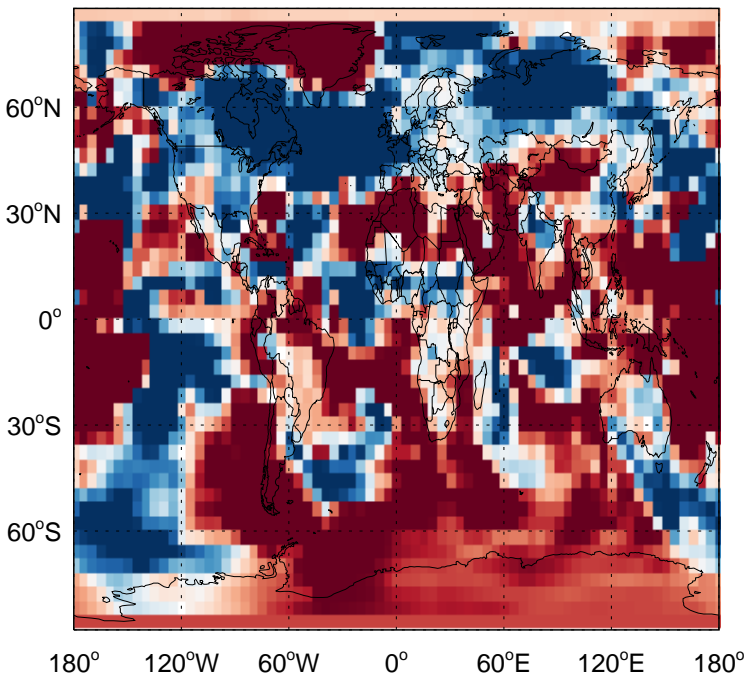
v11-02f-Run0 / v11-02e-Run1  
PROPNN / Ratio @ Surface for Jul



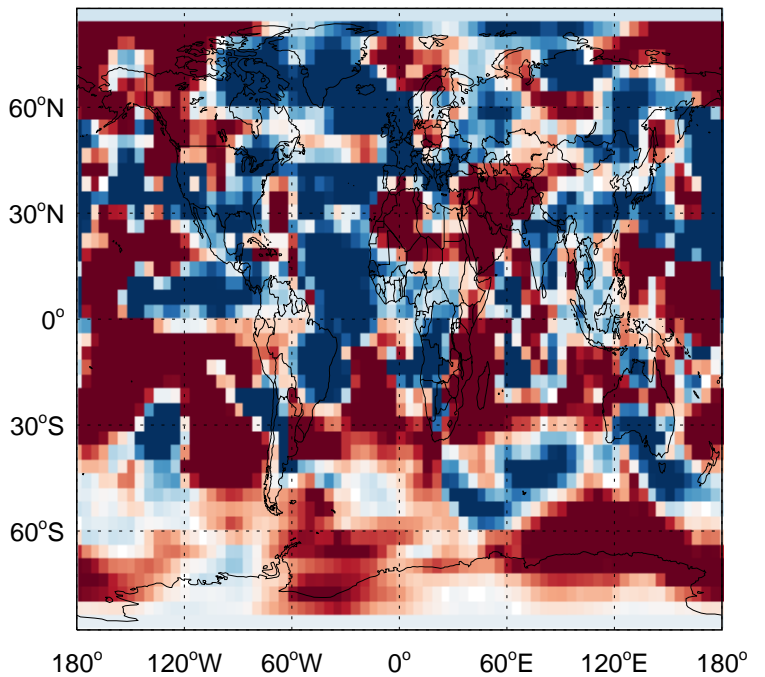
v11-02f-Run0 / v11-02e-Run1  
PROPNN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
PROPNN / Ratio @ Surface for Jul

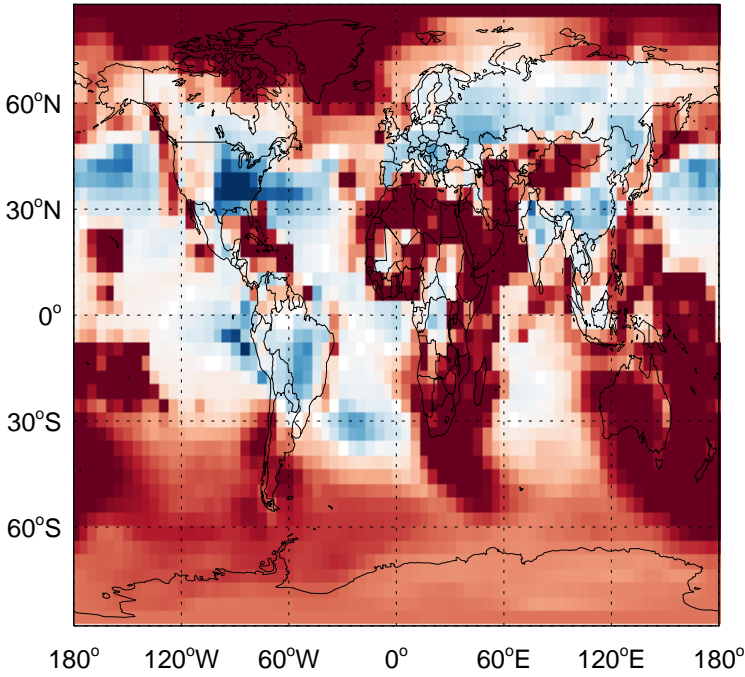


v11-02f-Run0 / v11-02e-Run0  
PROPNN/ Ratio @ 500 hPa for Jul

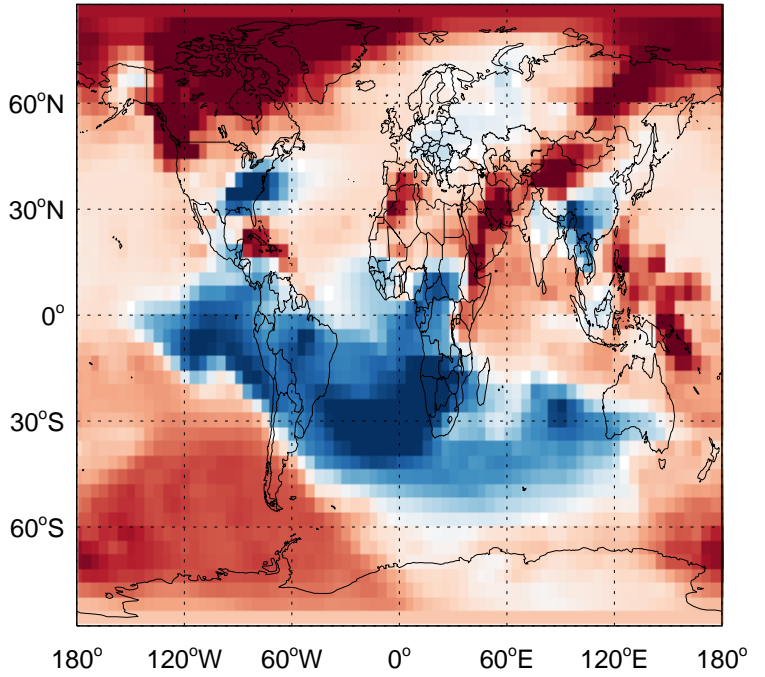


# GEOS-Chem Ratio Maps at surface and 500 hPa

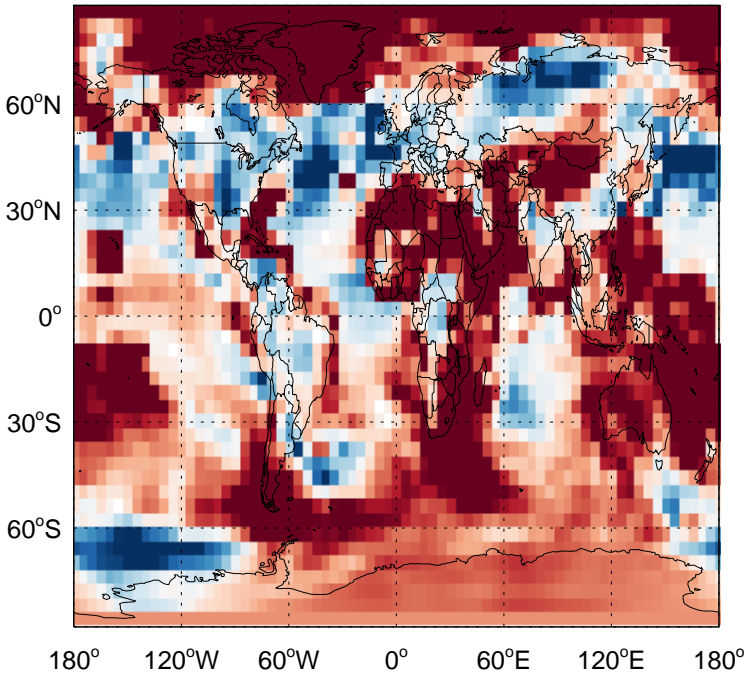
v11-02f-Run0 / v11-02e-Run1  
HAC / Ratio @ Surface for Jul



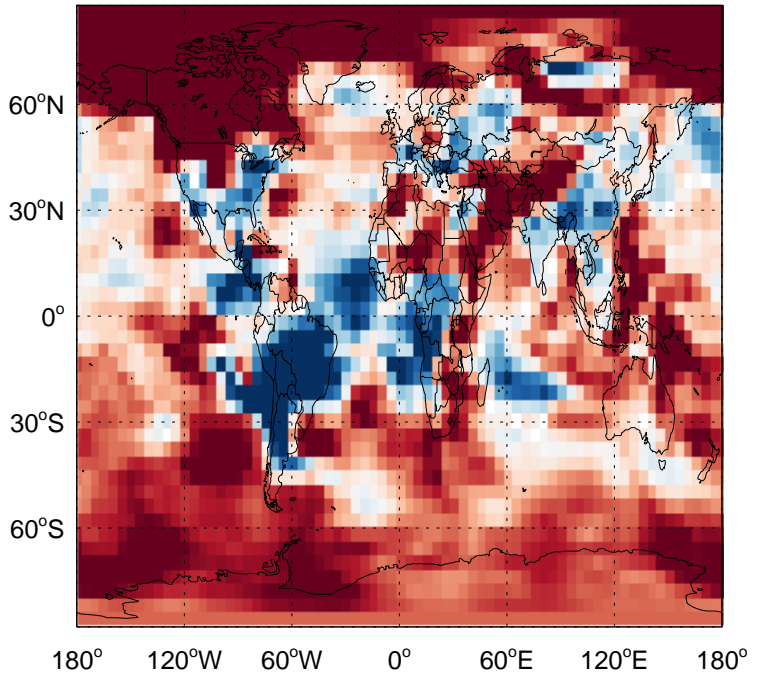
v11-02f-Run0 / v11-02e-Run1  
HAC/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HAC / Ratio @ Surface for Jul

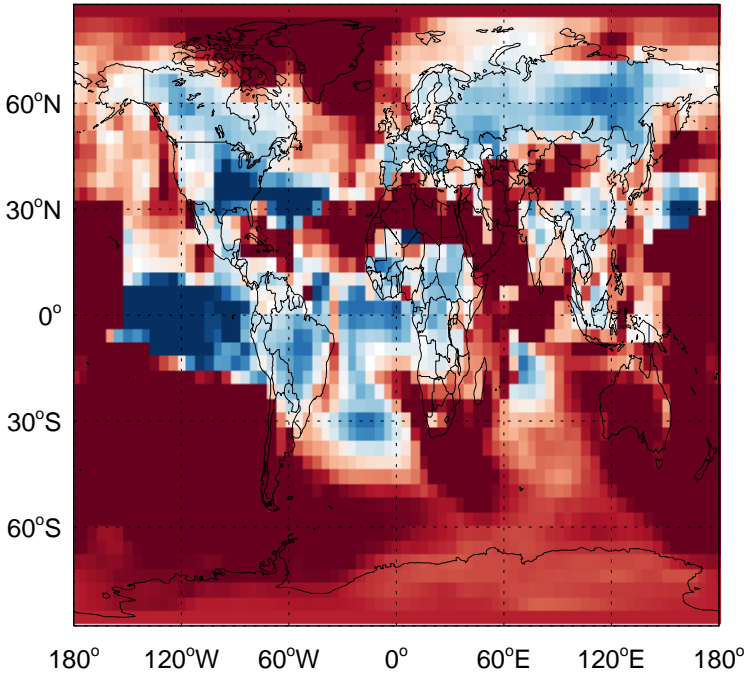


v11-02f-Run0 / v11-02e-Run0  
HAC/ Ratio @ 500 hPa for Jul

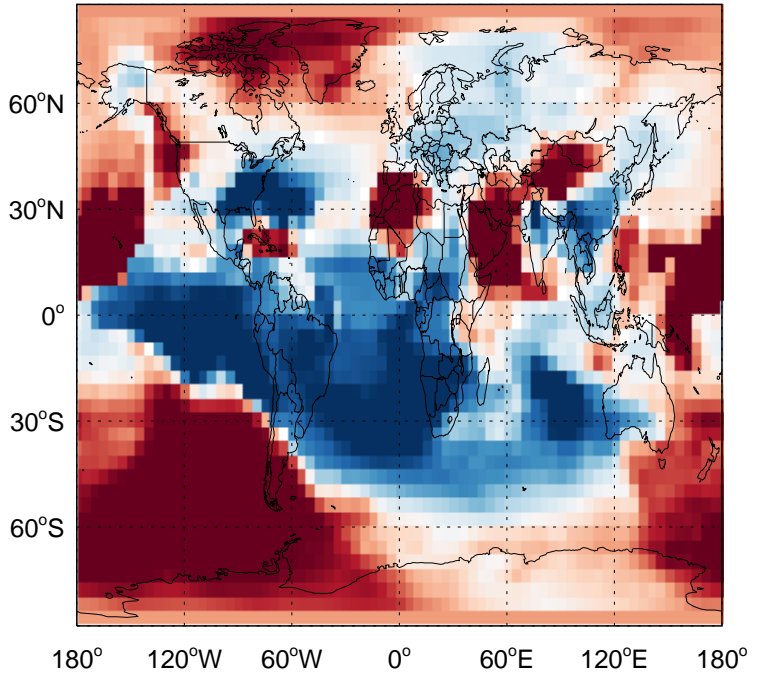


# GEOS-Chem Ratio Maps at surface and 500 hPa

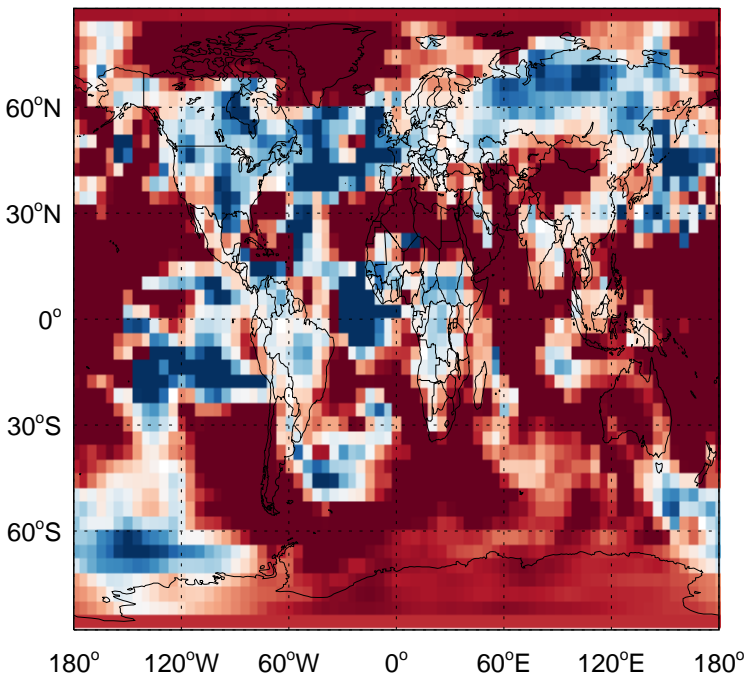
v11-02f-Run0 / v11-02e-Run1  
GLYC / Ratio @ Surface for Jul



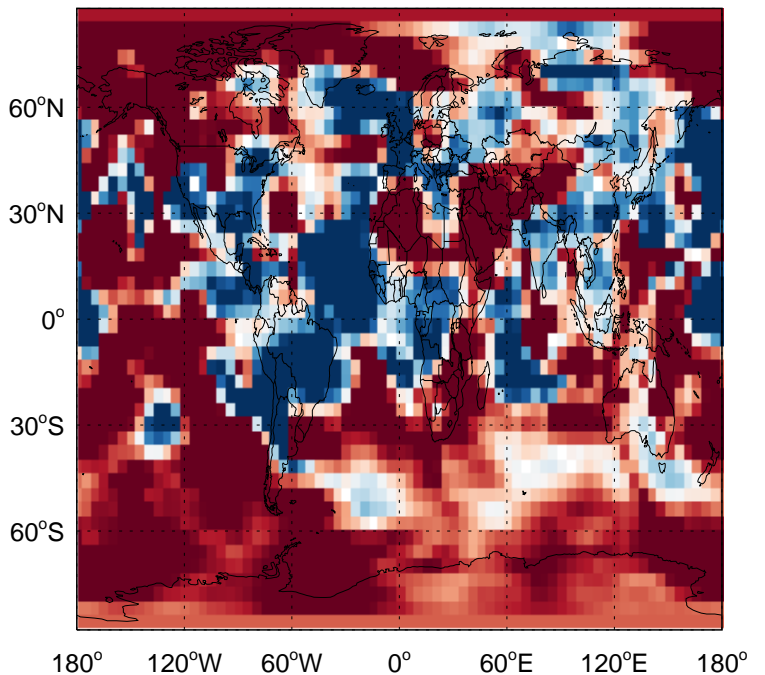
v11-02f-Run0 / v11-02e-Run1  
GLYC/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
GLYC / Ratio @ Surface for Jul

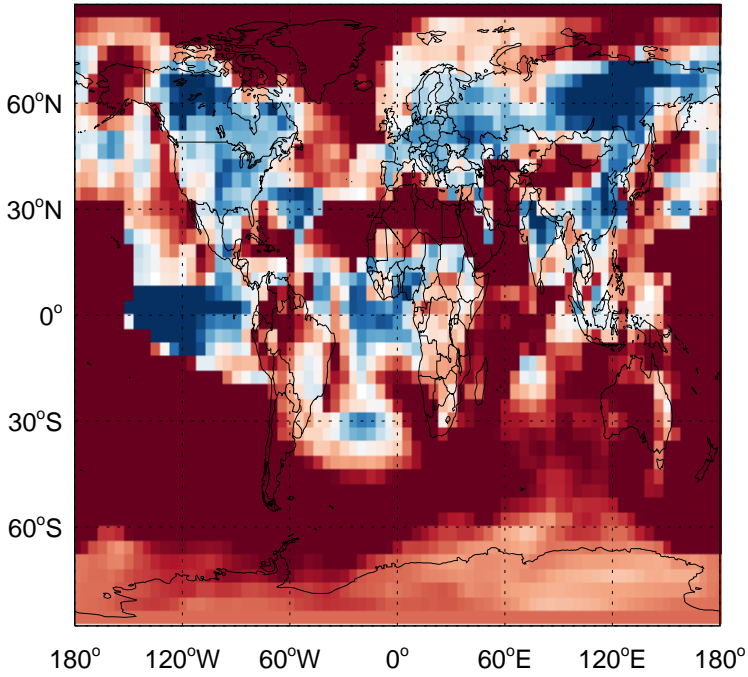


v11-02f-Run0 / v11-02e-Run0  
GLYC/ Ratio @ 500 hPa for Jul

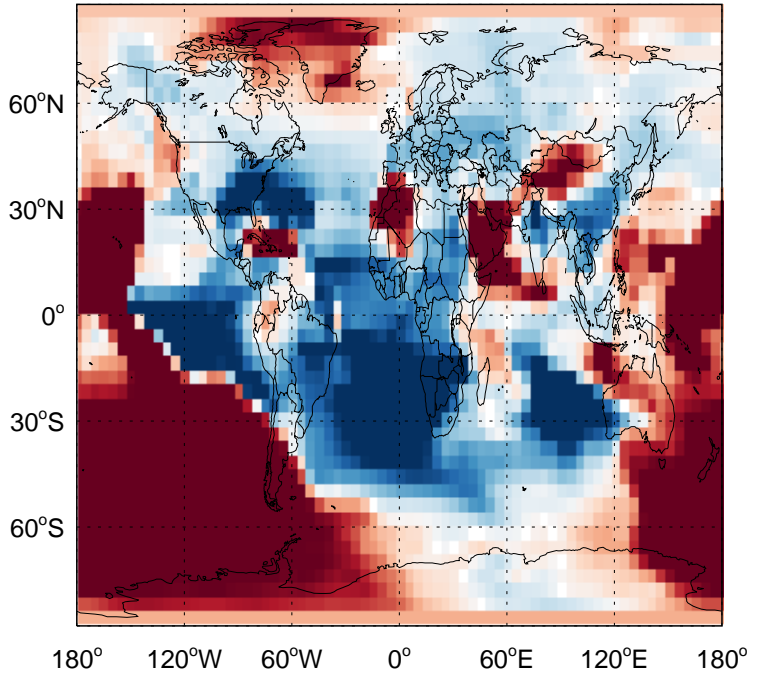


# GEOS-Chem Ratio Maps at surface and 500 hPa

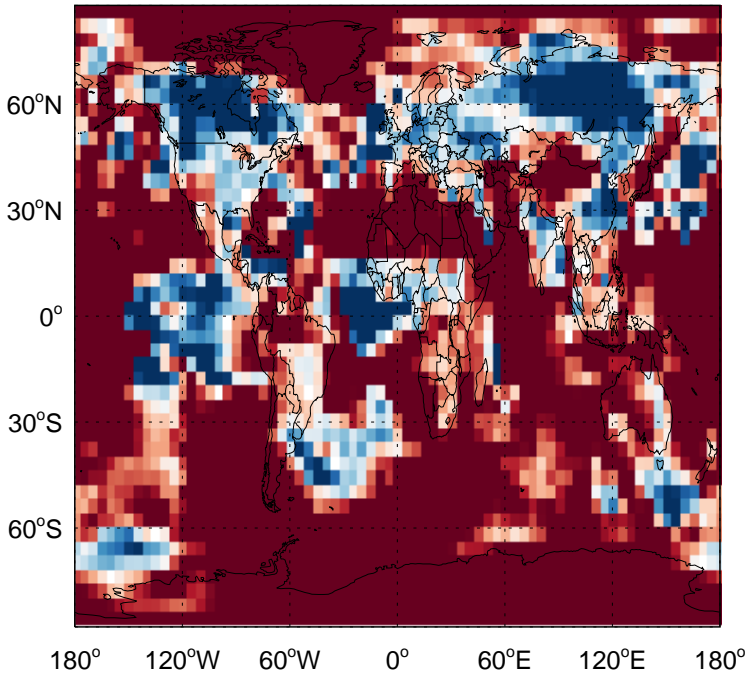
v11-02f-Run0 / v11-02e-Run1  
MVKN / Ratio @ Surface for Jul



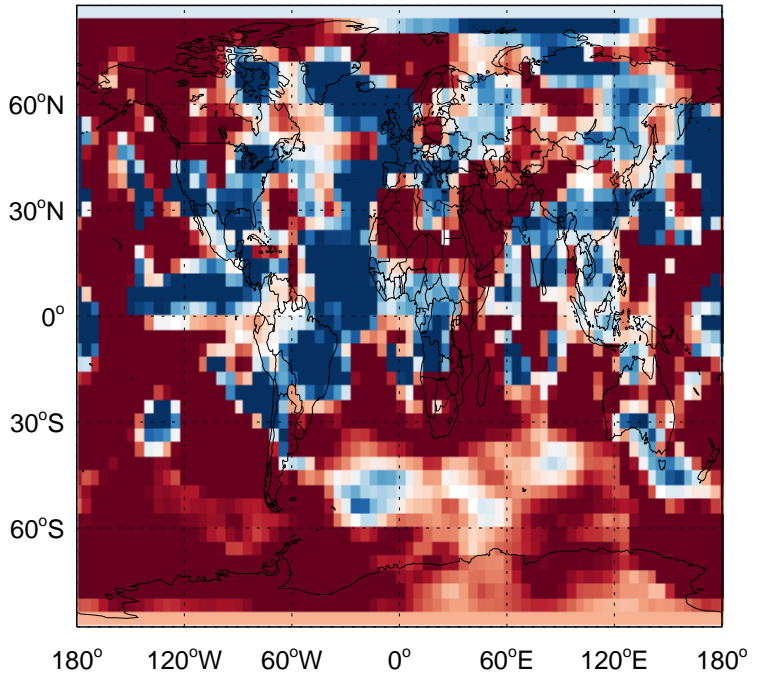
v11-02f-Run0 / v11-02e-Run1  
MVKN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MVKN / Ratio @ Surface for Jul

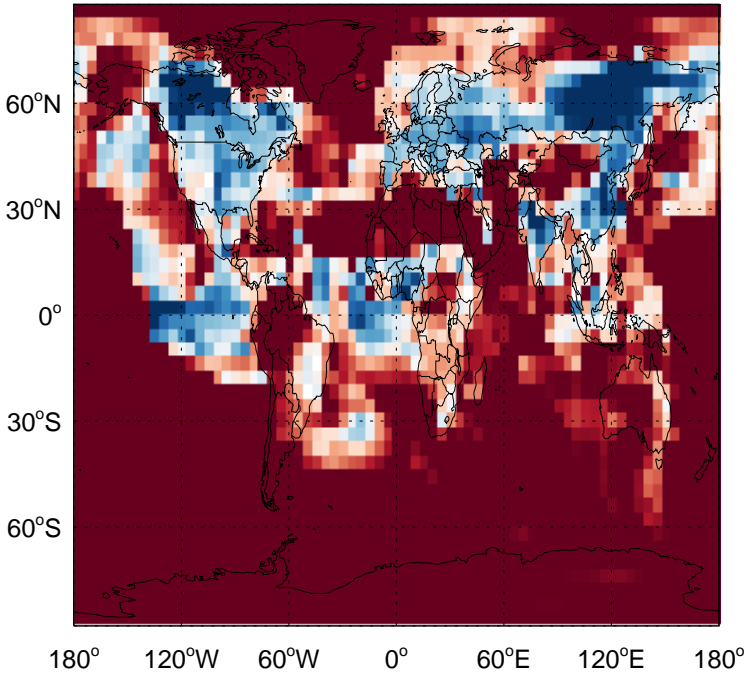


v11-02f-Run0 / v11-02e-Run0  
MVKN/ Ratio @ 500 hPa for Jul

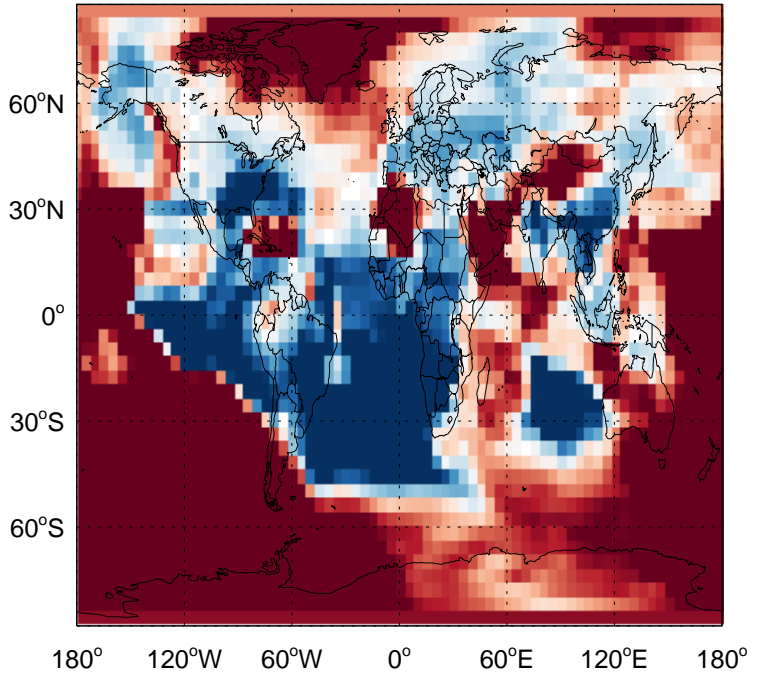


# GEOS-Chem Ratio Maps at surface and 500 hPa

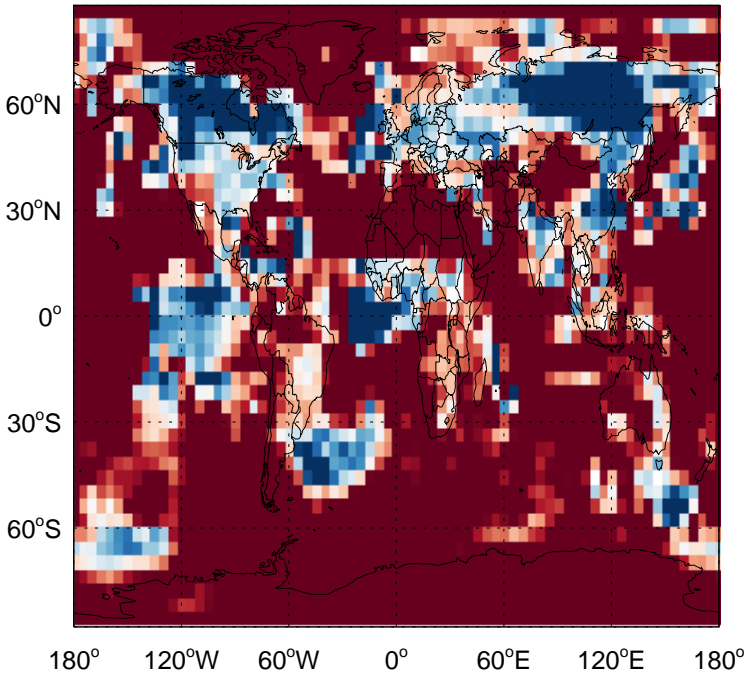
v11-02f-Run0 / v11-02e-Run1  
MACRN / Ratio @ Surface for Jul



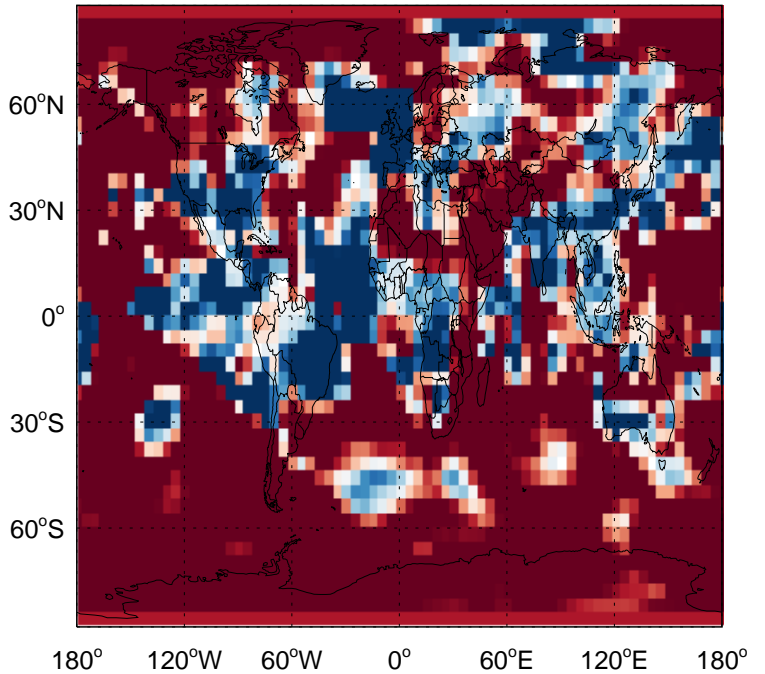
v11-02f-Run0 / v11-02e-Run1  
MACRN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MACRN / Ratio @ Surface for Jul

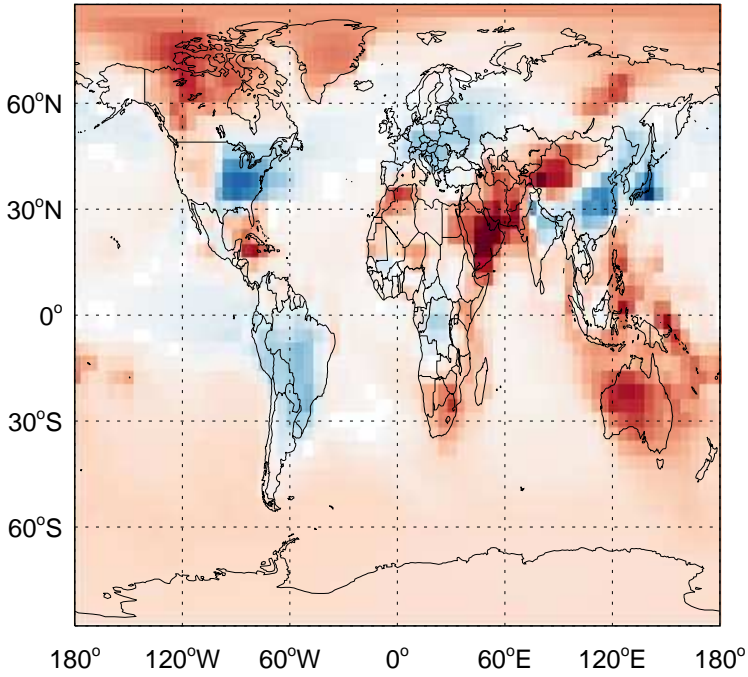


v11-02f-Run0 / v11-02e-Run0  
MACRN/ Ratio @ 500 hPa for Jul

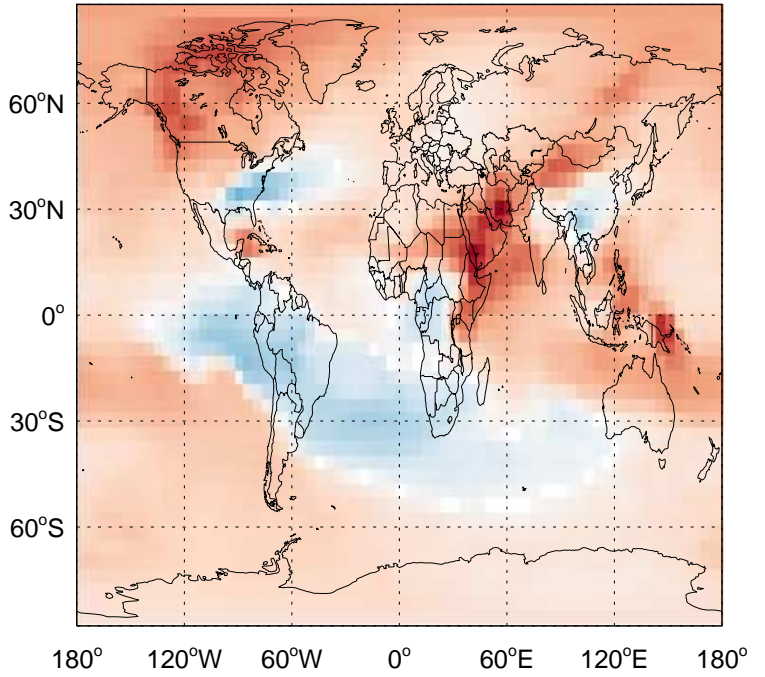


# GEOS-Chem Ratio Maps at surface and 500 hPa

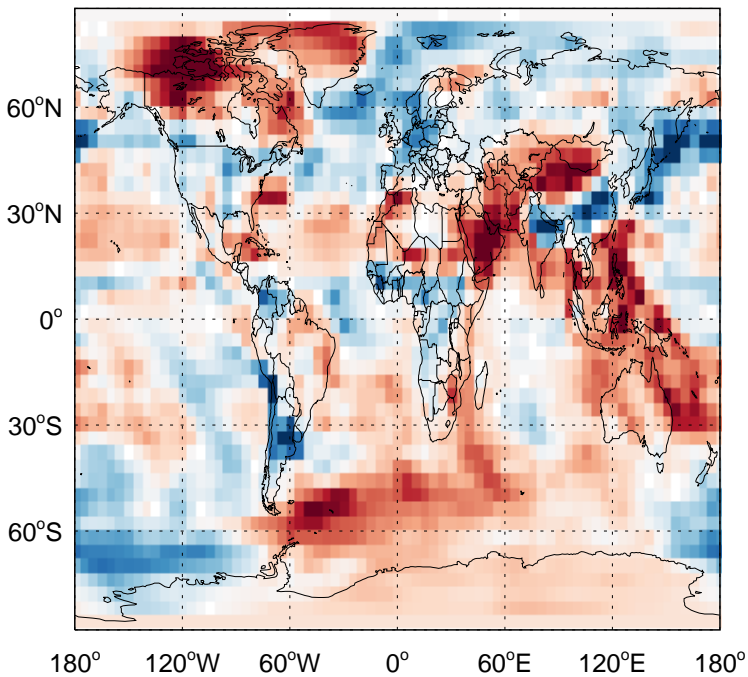
v11-02f-Run0 / v11-02e-Run1  
MAP / Ratio @ Surface for Jul



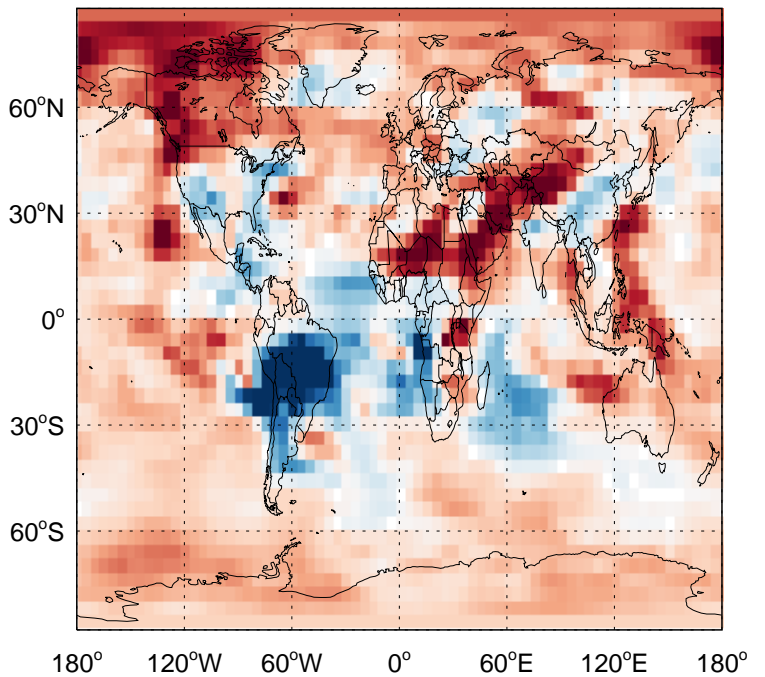
v11-02f-Run0 / v11-02e-Run1  
MAP/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MAP / Ratio @ Surface for Jul



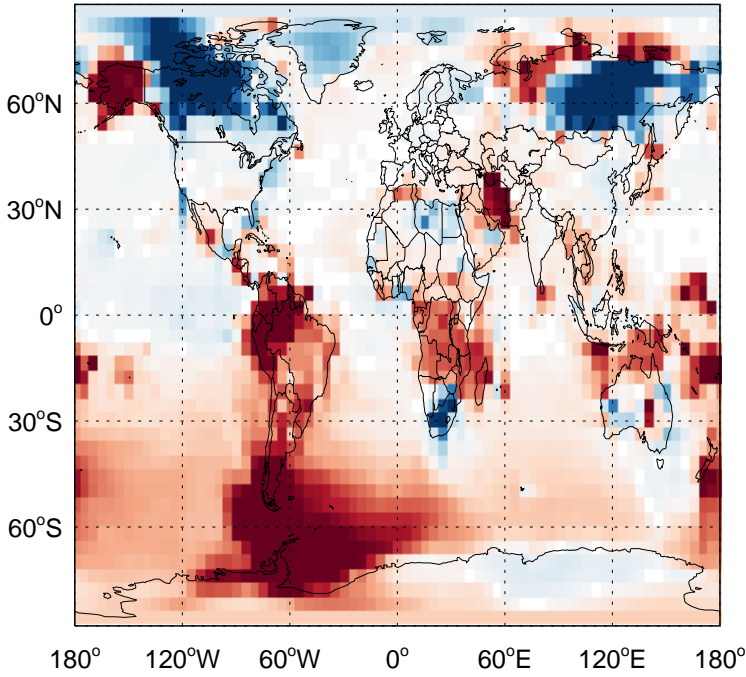
v11-02f-Run0 / v11-02e-Run0  
MAP/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

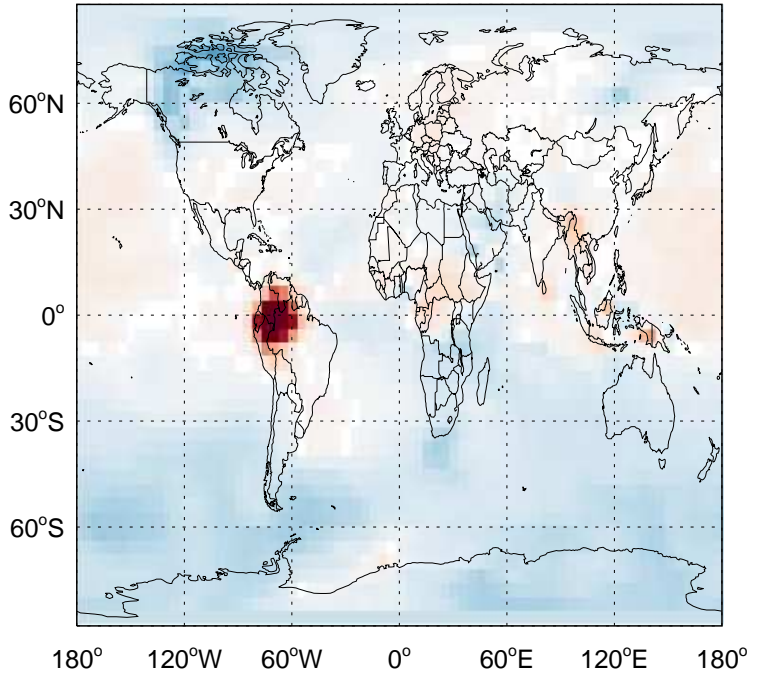
v11-02f-Run0 / v11-02e-Run1

NO<sub>2</sub> / Ratio @ Surface for Jul



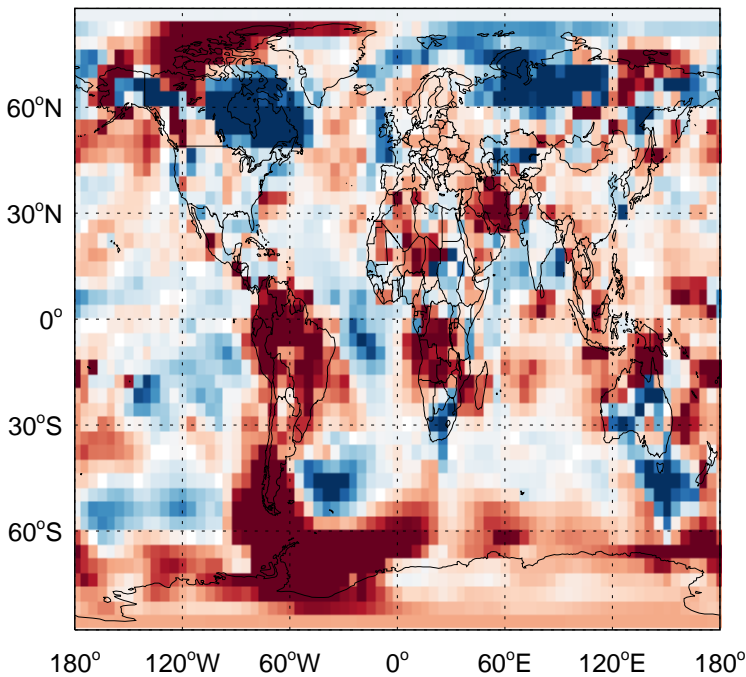
v11-02f-Run0 / v11-02e-Run1

NO<sub>2</sub> / Ratio @ 500 hPa for Jul



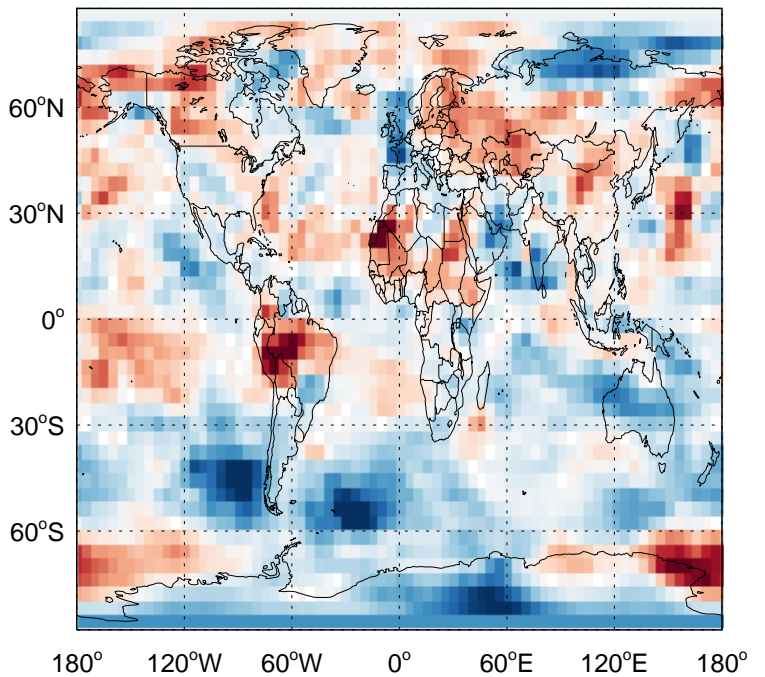
v11-02f-Run0 / v11-02e-Run0

NO<sub>2</sub> / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

NO<sub>2</sub> / Ratio @ 500 hPa for Jul

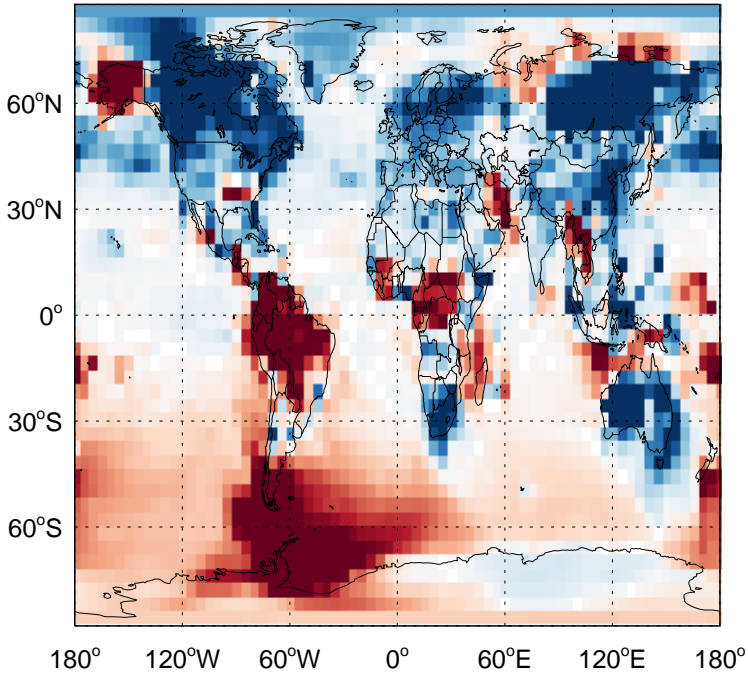




# GEOS-Chem Ratio Maps at surface and 500 hPa

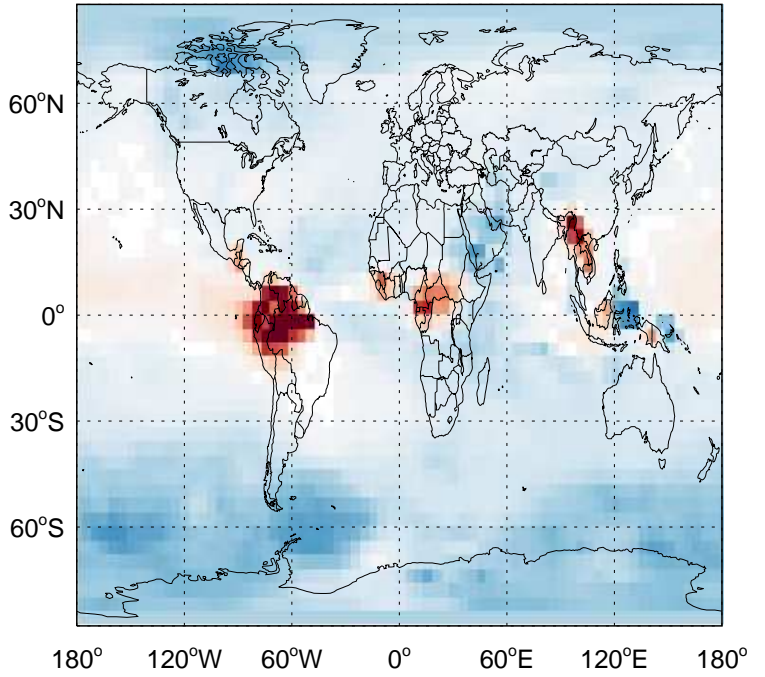
v11-02f-Run0 / v11-02e-Run1

NO<sub>3</sub> / Ratio @ Surface for Jul



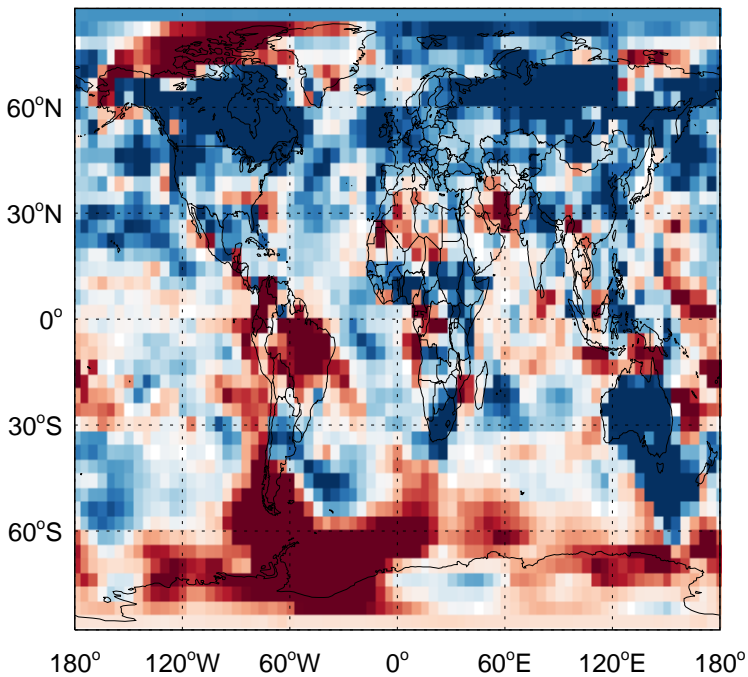
v11-02f-Run0 / v11-02e-Run1

NO<sub>3</sub> / Ratio @ 500 hPa for Jul



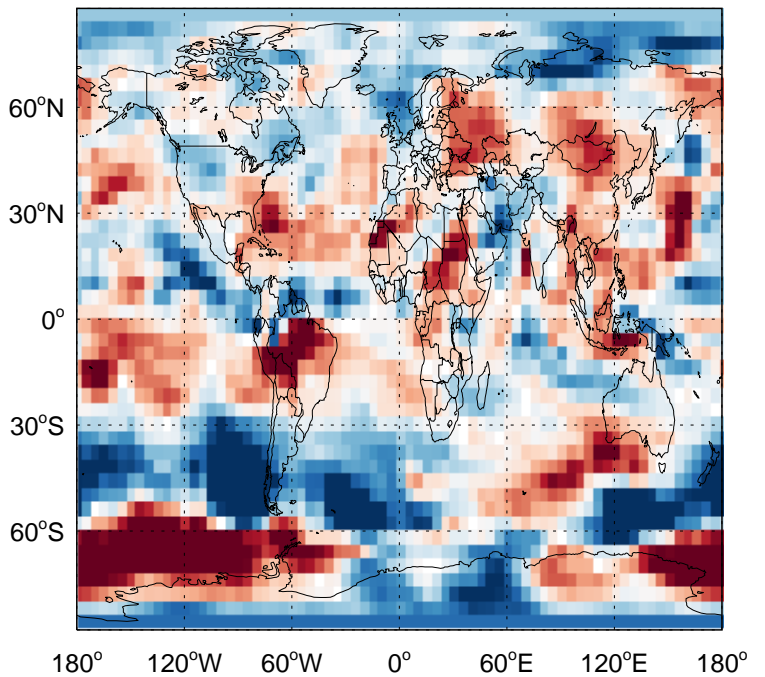
v11-02f-Run0 / v11-02e-Run0

NO<sub>3</sub> / Ratio @ Surface for Jul



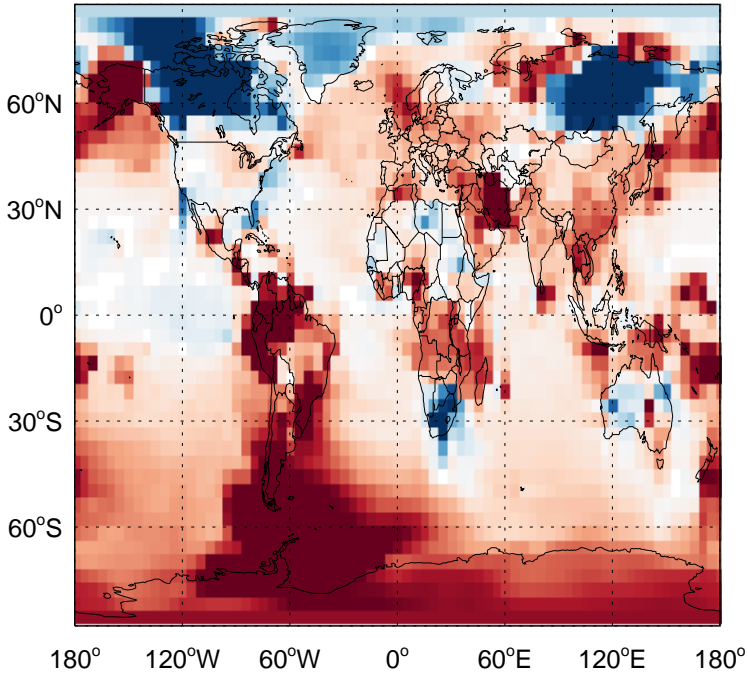
v11-02f-Run0 / v11-02e-Run0

NO<sub>3</sub> / Ratio @ 500 hPa for Jul

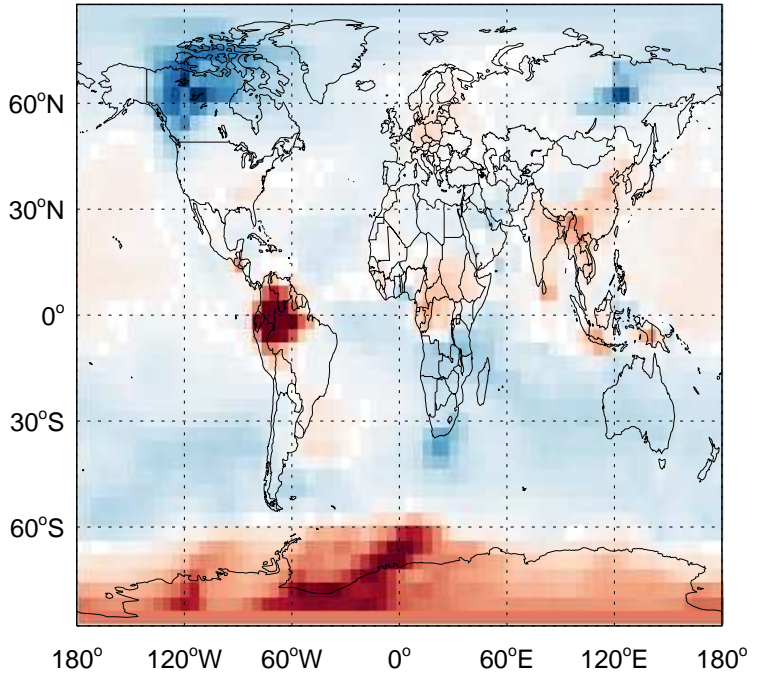


# GEOS-Chem Ratio Maps at surface and 500 hPa

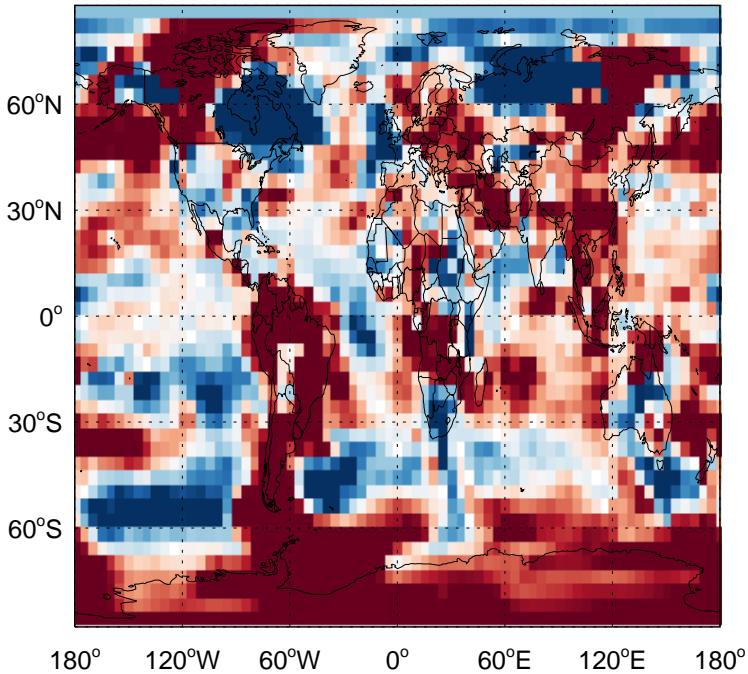
v11-02f-Run0 / v11-02e-Run1  
HNO<sub>2</sub> / Ratio @ Surface for Jul



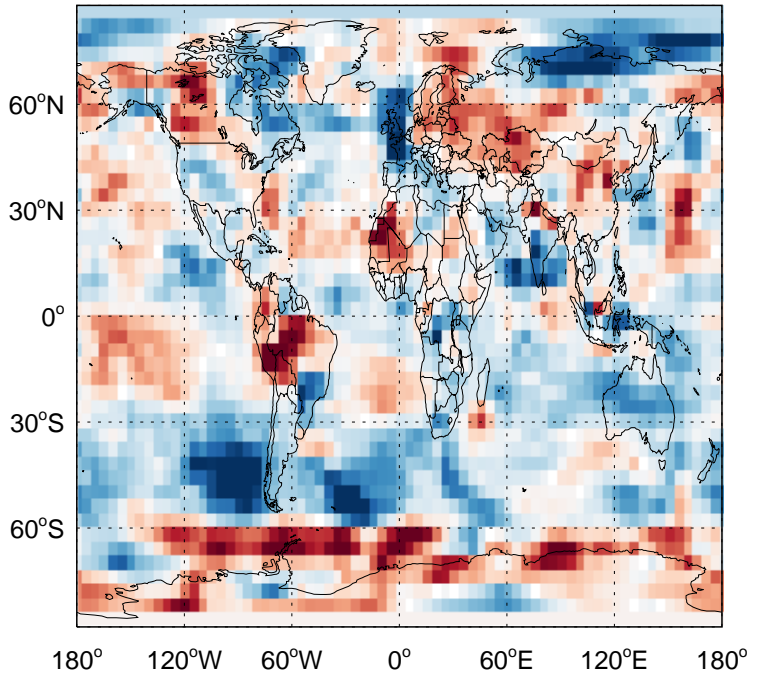
v11-02f-Run0 / v11-02e-Run1  
HNO<sub>2</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HNO<sub>2</sub> / Ratio @ Surface for Jul

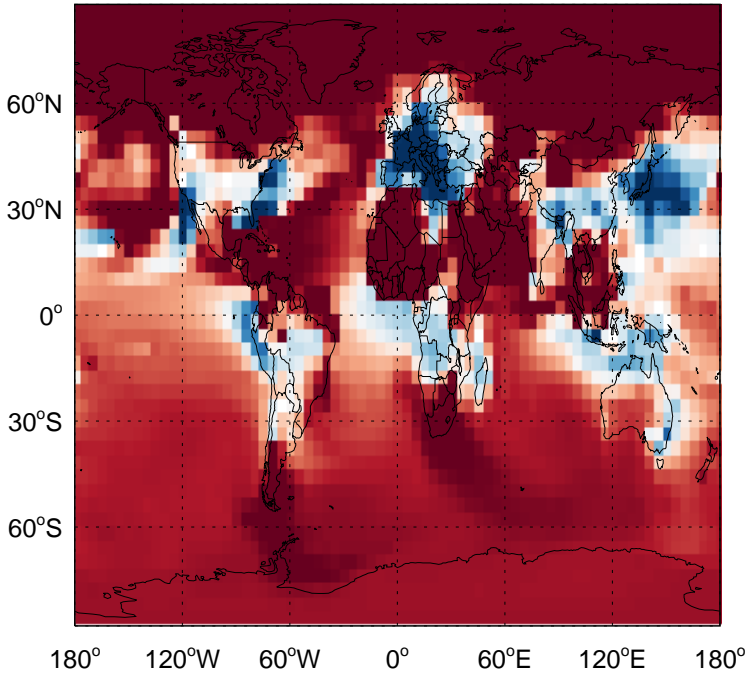


v11-02f-Run0 / v11-02e-Run0  
HNO<sub>2</sub> / Ratio @ 500 hPa for Jul

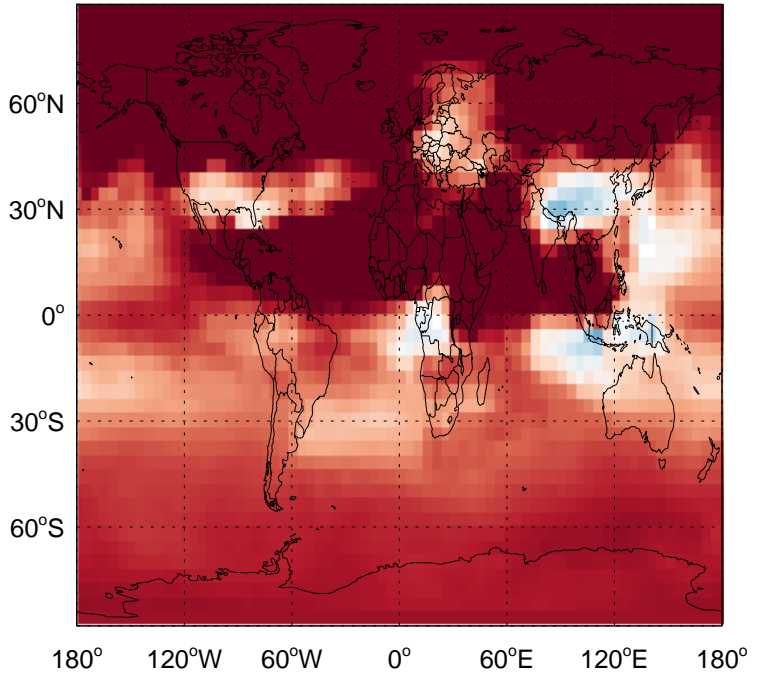


# GEOS-Chem Ratio Maps at surface and 500 hPa

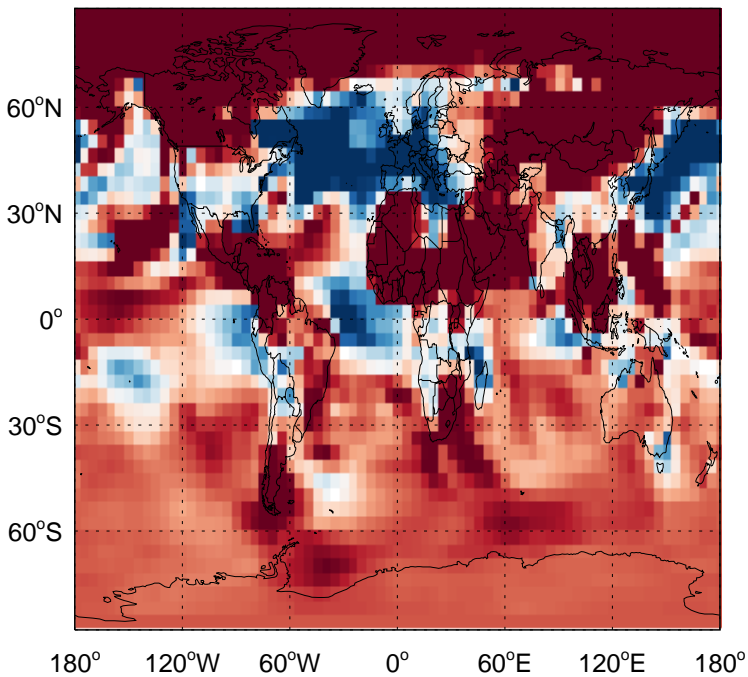
v11-02f-Run0 / v11-02e-Run1  
BENZ / Ratio @ Surface for Jul



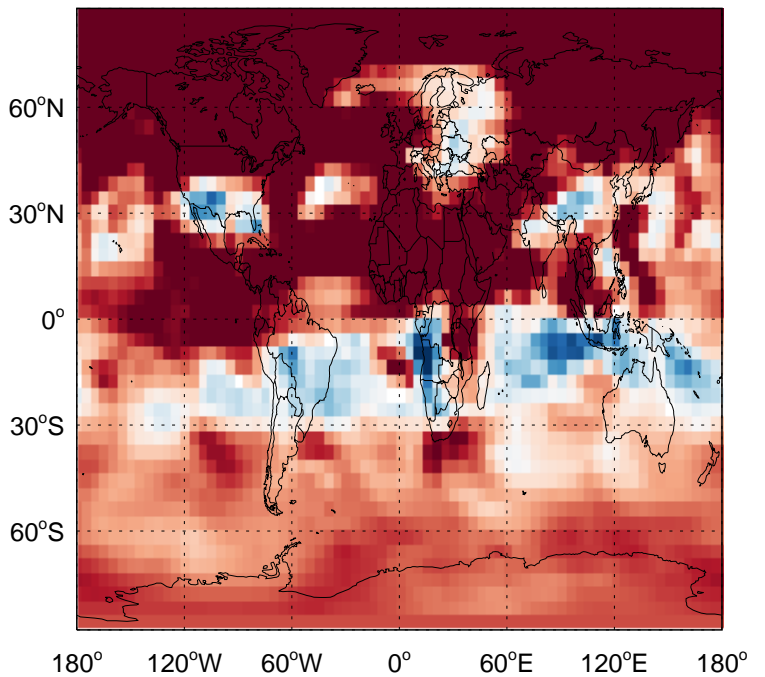
v11-02f-Run0 / v11-02e-Run1  
BENZ/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
BENZ / Ratio @ Surface for Jul

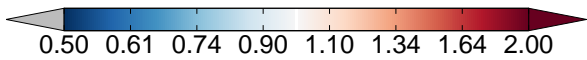
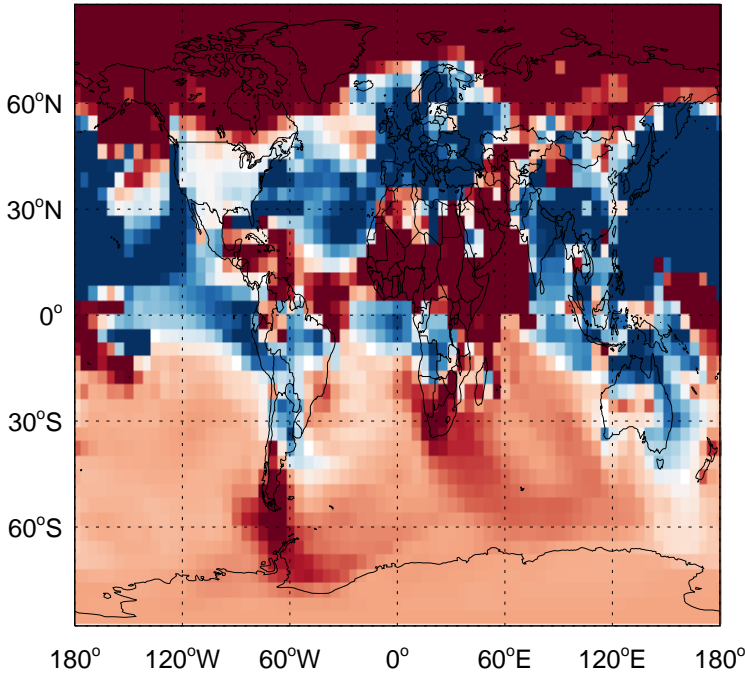


v11-02f-Run0 / v11-02e-Run0  
BENZ/ Ratio @ 500 hPa for Jul

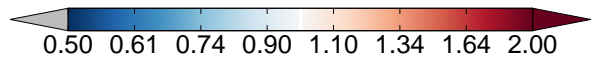
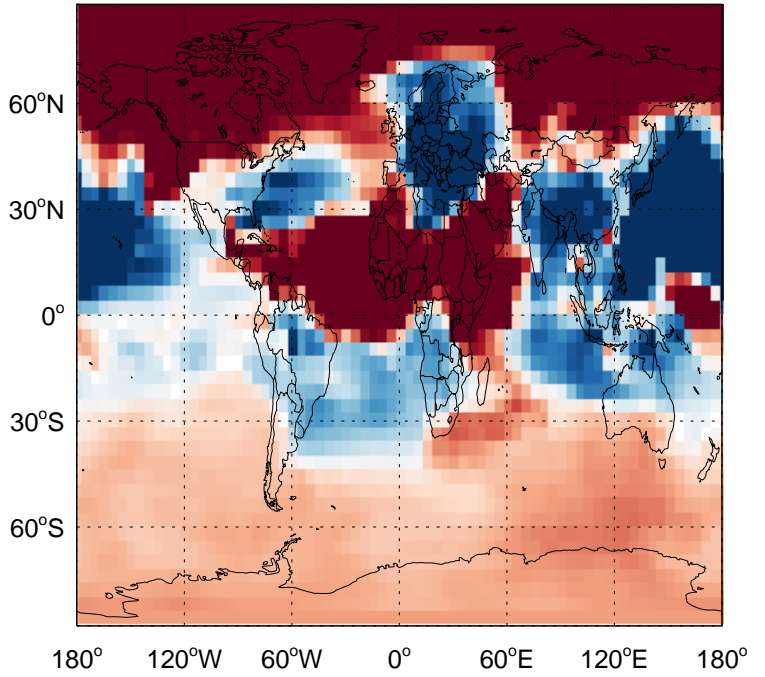


# GEOS-Chem Ratio Maps at surface and 500 hPa

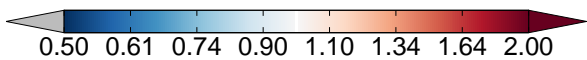
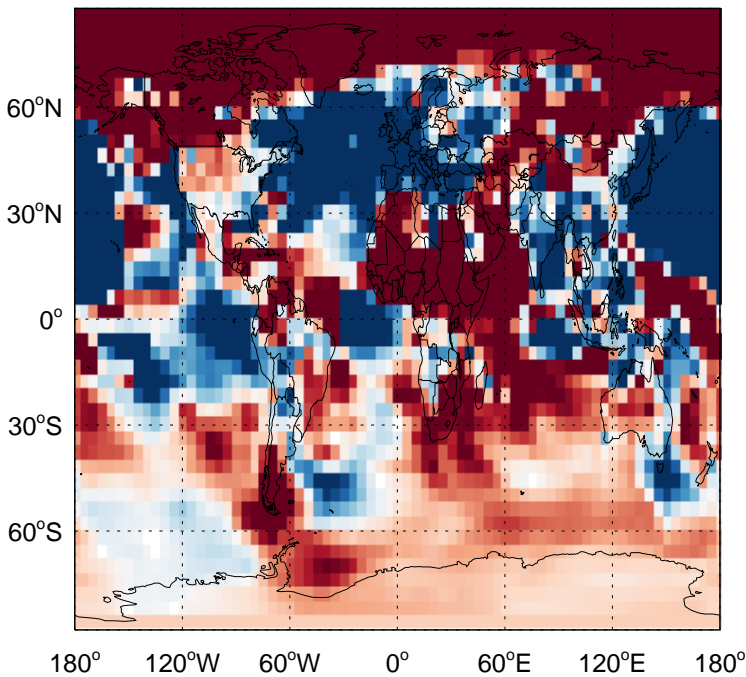
v11-02f-Run0 / v11-02e-Run1  
TOLU / Ratio @ Surface for Jul



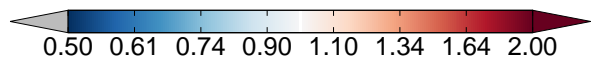
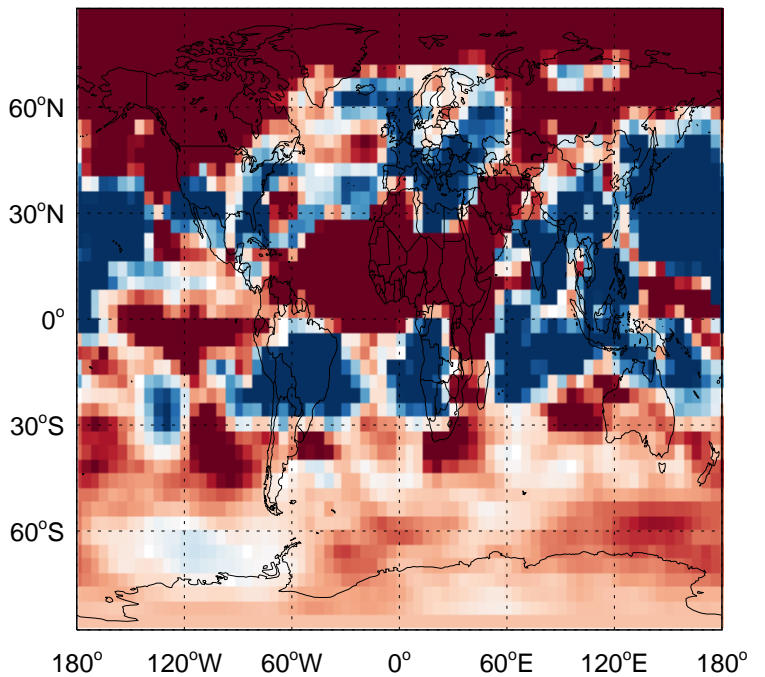
v11-02f-Run0 / v11-02e-Run1  
TOLU/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TOLU / Ratio @ Surface for Jul

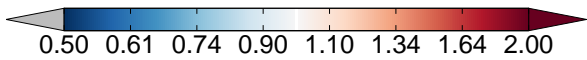
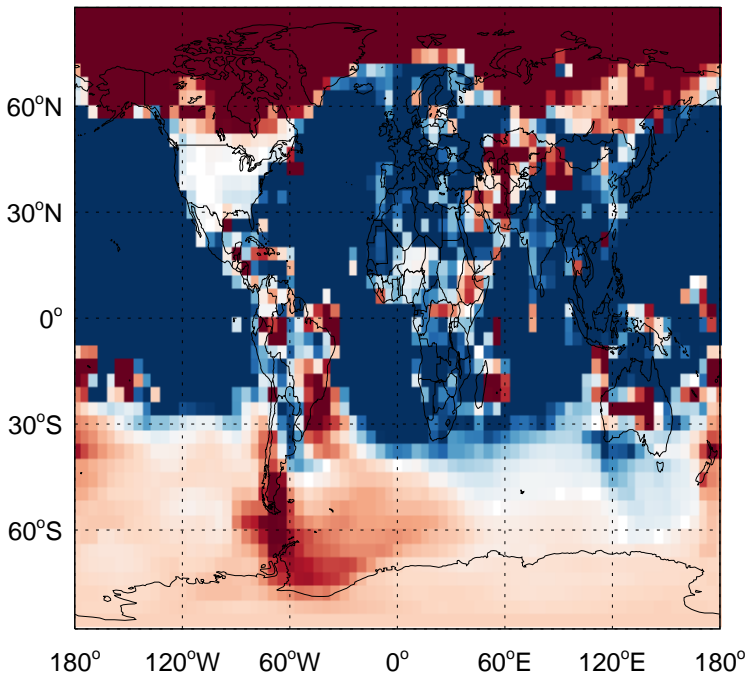


v11-02f-Run0 / v11-02e-Run0  
TOLU/ Ratio @ 500 hPa for Jul

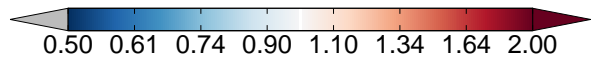
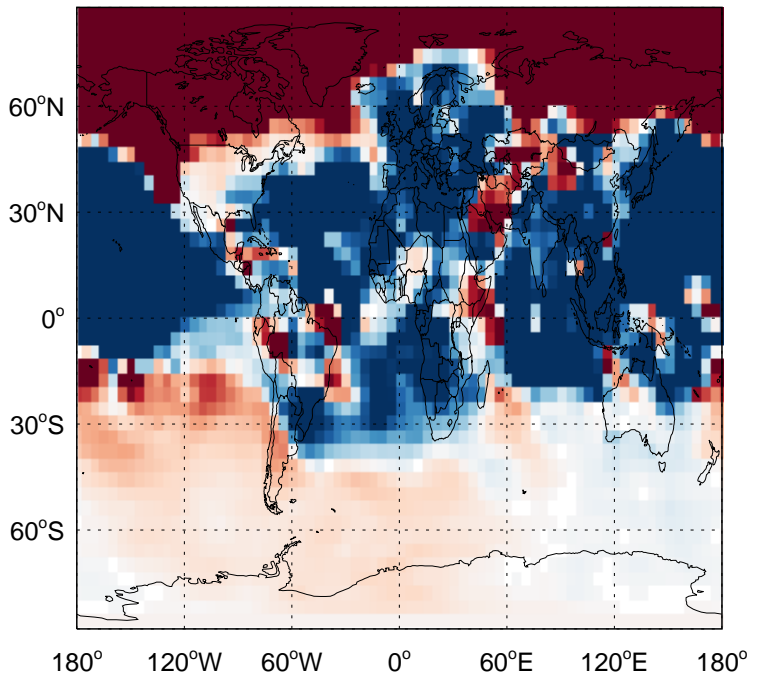


# GEOS-Chem Ratio Maps at surface and 500 hPa

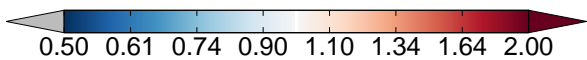
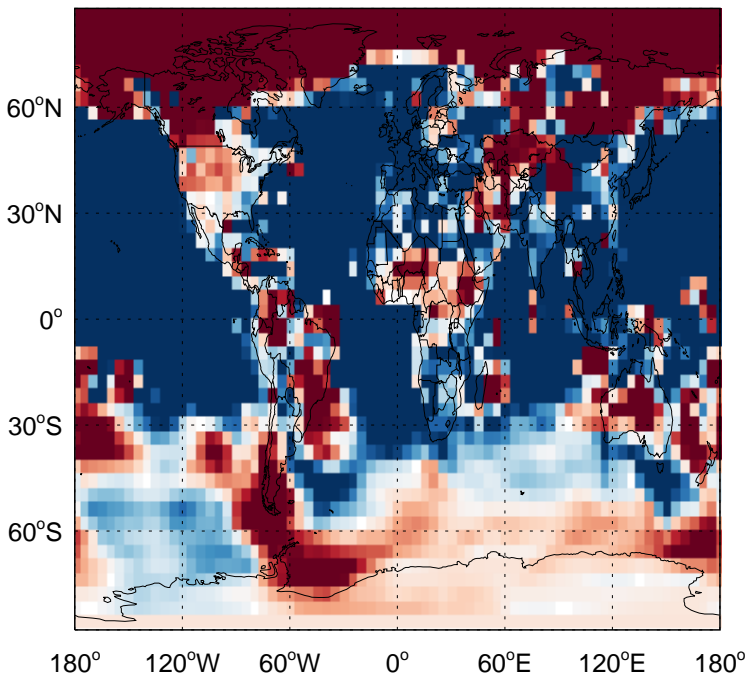
v11-02f-Run0 / v11-02e-Run1  
XYLE / Ratio @ Surface for Jul



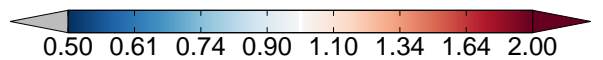
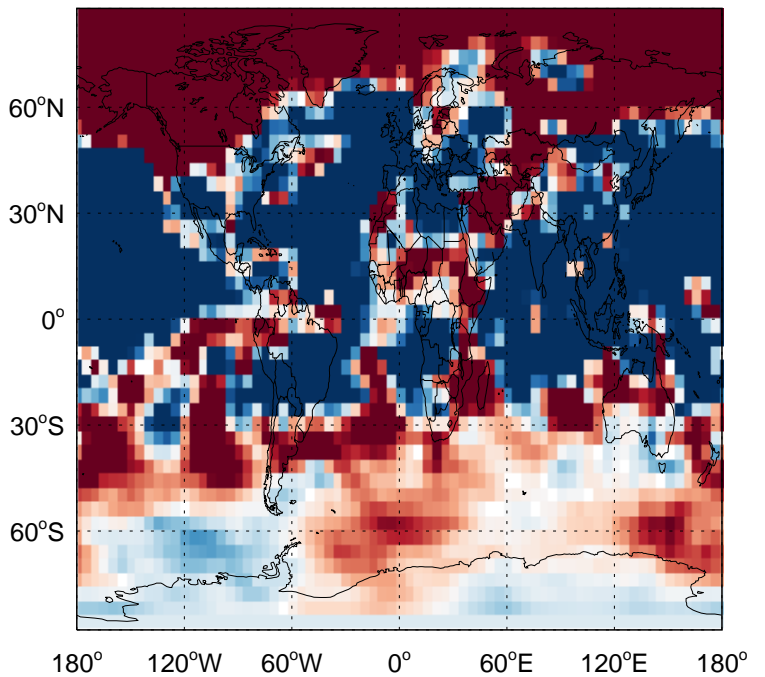
v11-02f-Run0 / v11-02e-Run1  
XYLE/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
XYLE / Ratio @ Surface for Jul

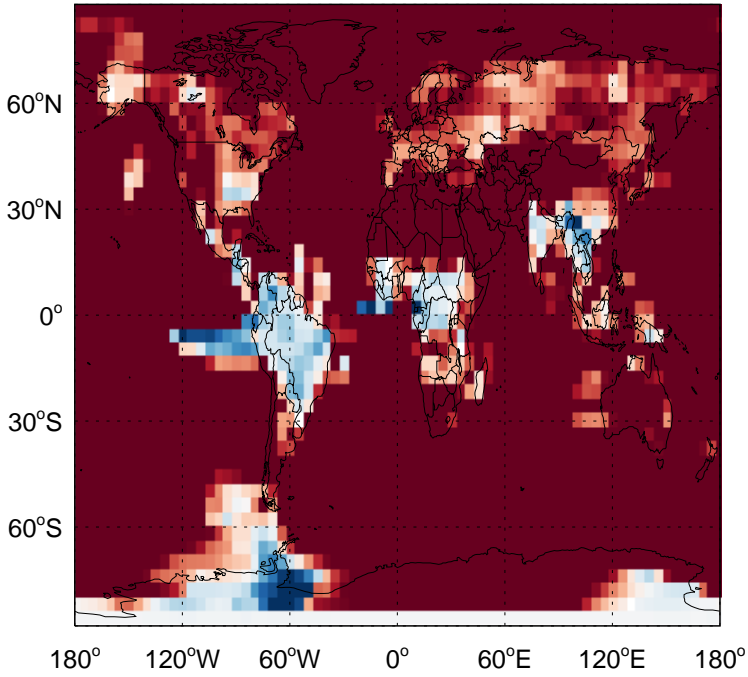


v11-02f-Run0 / v11-02e-Run0  
XYLE/ Ratio @ 500 hPa for Jul

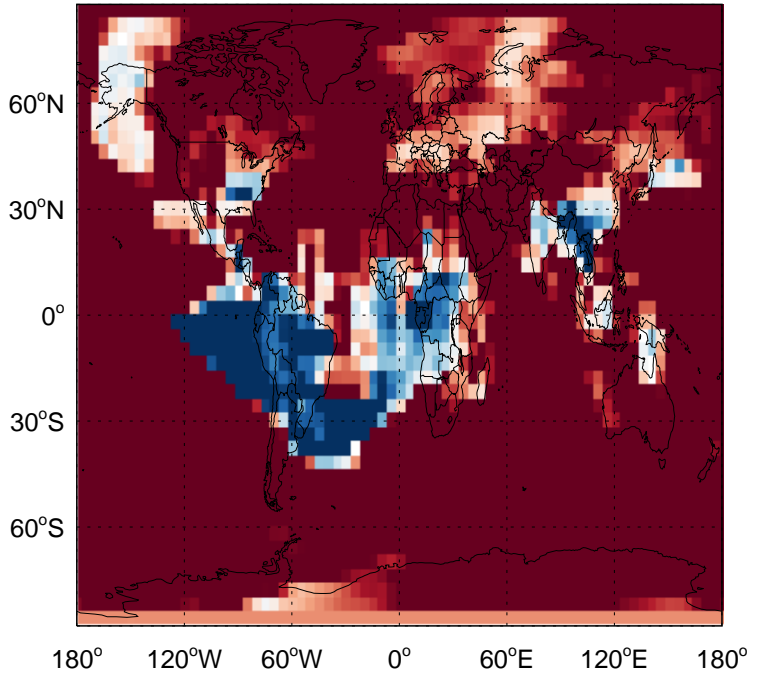


# GEOS-Chem Ratio Maps at surface and 500 hPa

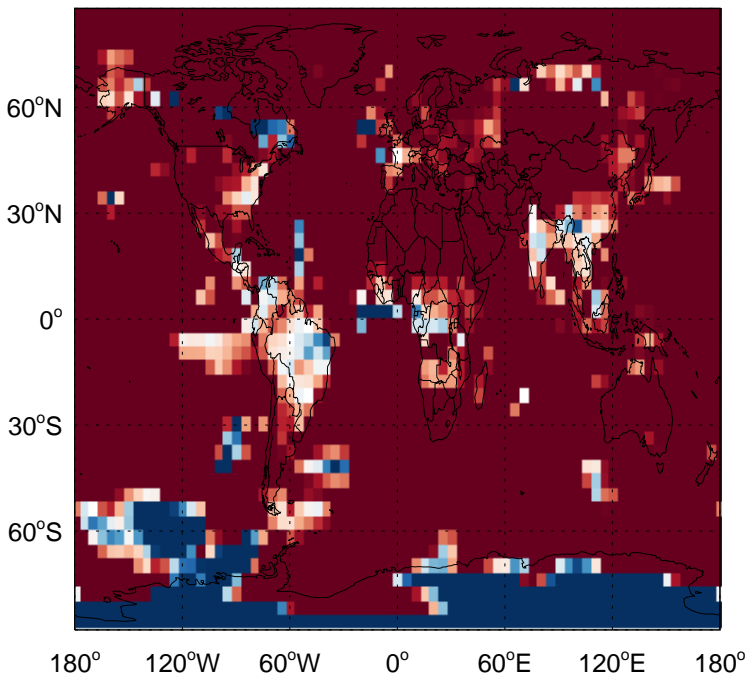
v11-02f-Run0 / v11-02e-Run1  
MTPA / Ratio @ Surface for Jul



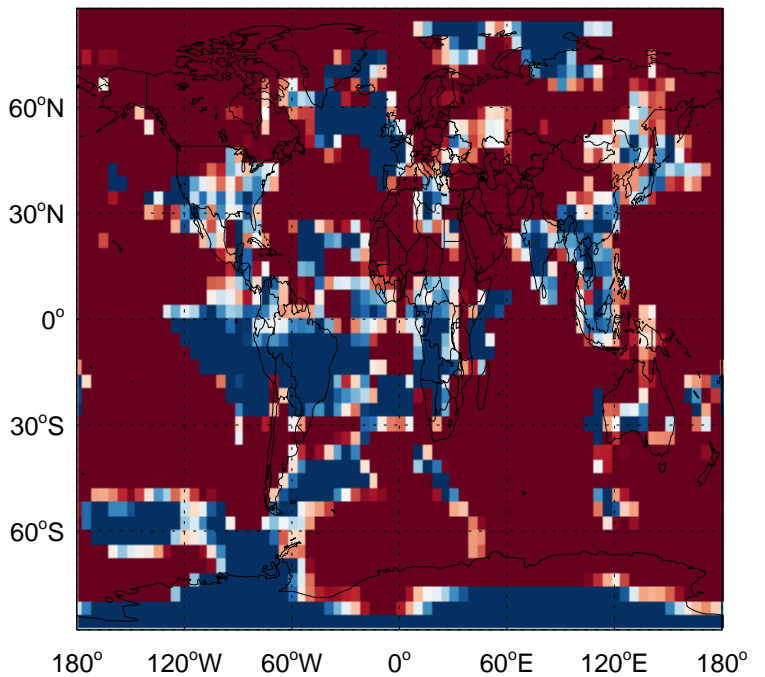
v11-02f-Run0 / v11-02e-Run1  
MTPA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MTPA / Ratio @ Surface for Jul

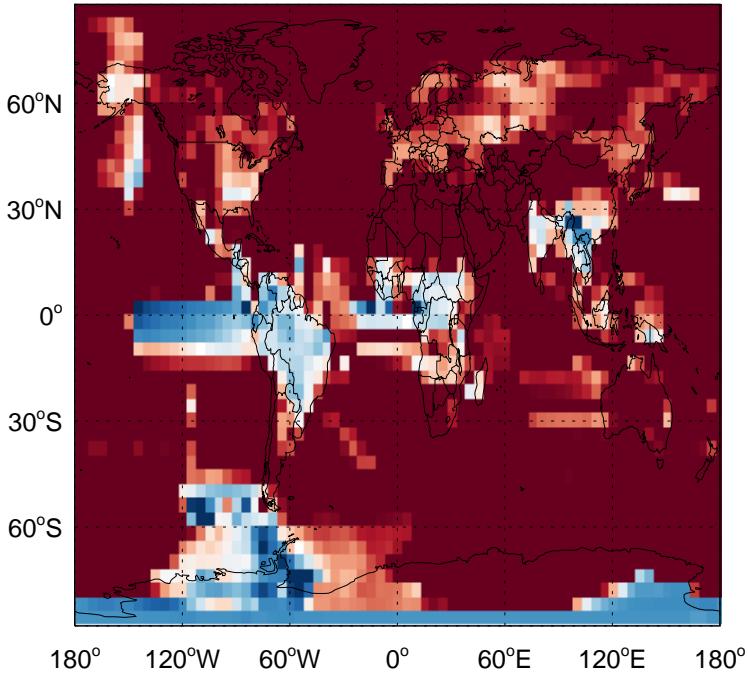


v11-02f-Run0 / v11-02e-Run0  
MTPA/ Ratio @ 500 hPa for Jul

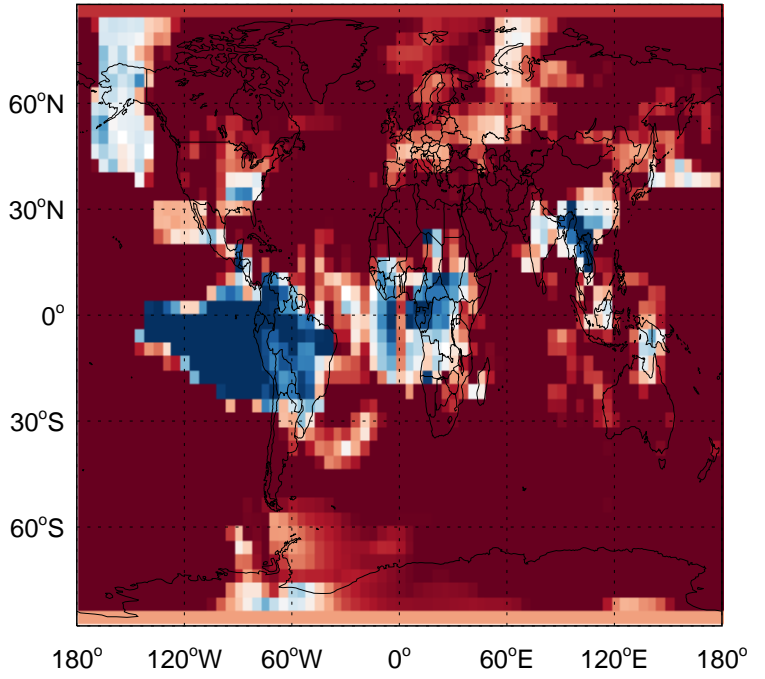


# GEOS-Chem Ratio Maps at surface and 500 hPa

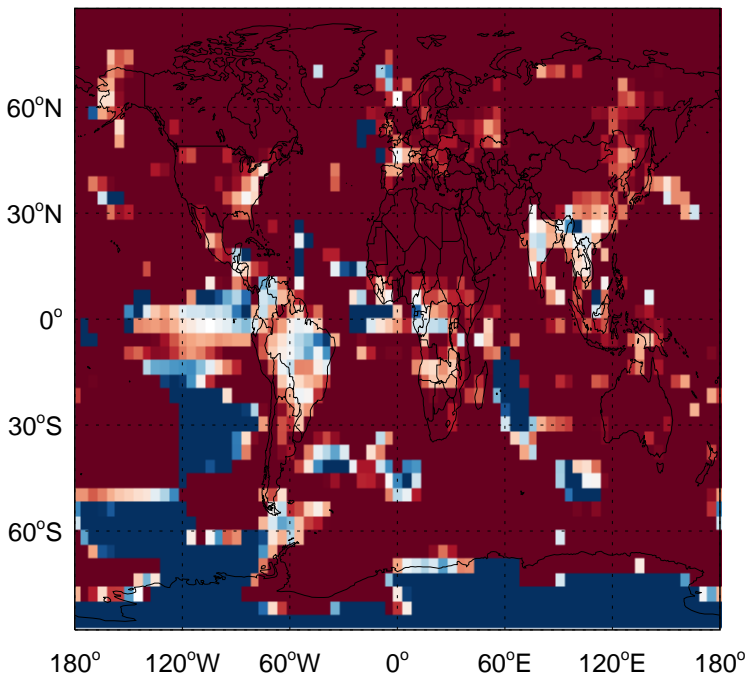
v11-02f-Run0 / v11-02e-Run1  
LIMO / Ratio @ Surface for Jul



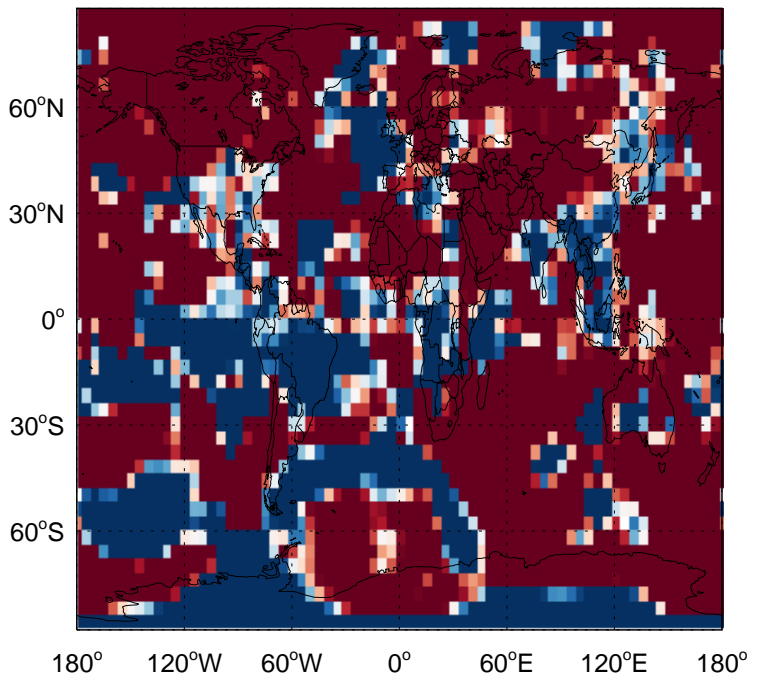
v11-02f-Run0 / v11-02e-Run1  
LIMO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
LIMO / Ratio @ Surface for Jul

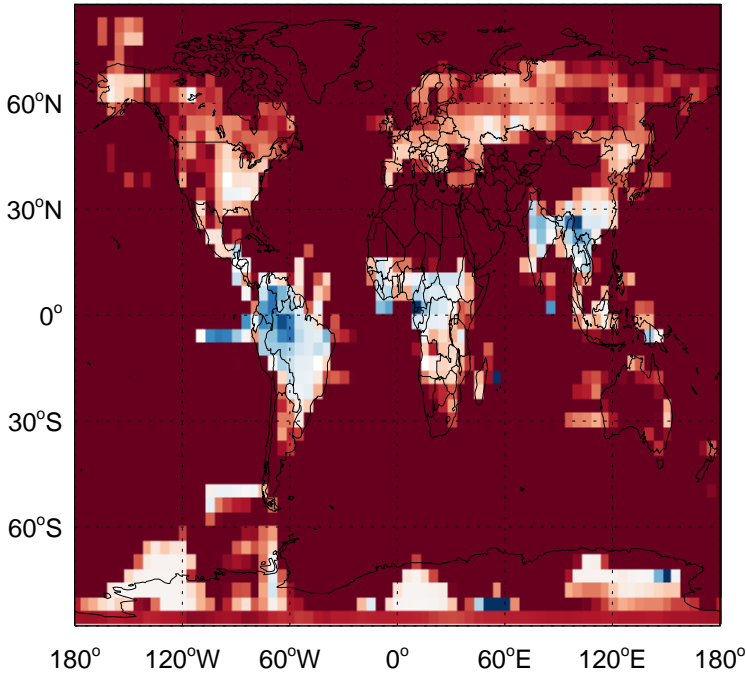


v11-02f-Run0 / v11-02e-Run0  
LIMO/ Ratio @ 500 hPa for Jul

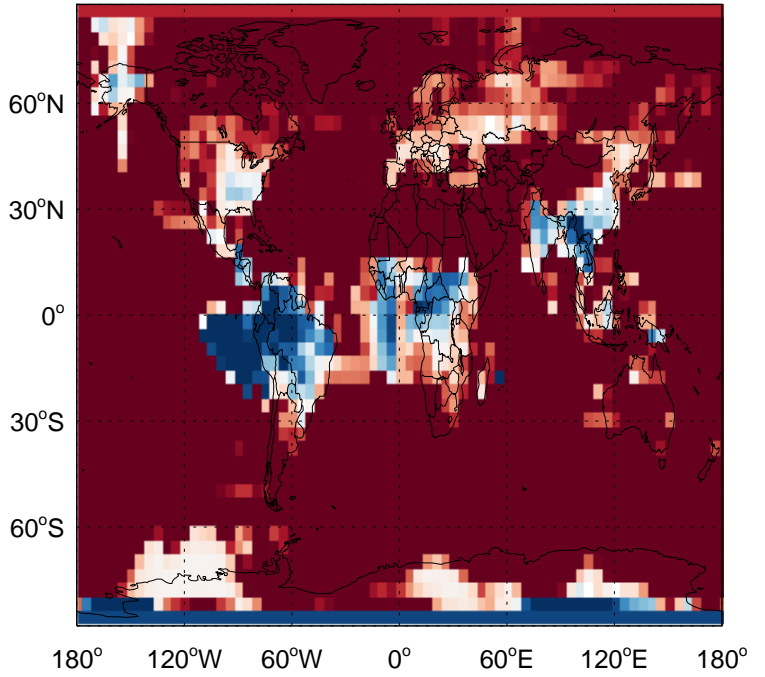


# GEOS-Chem Ratio Maps at surface and 500 hPa

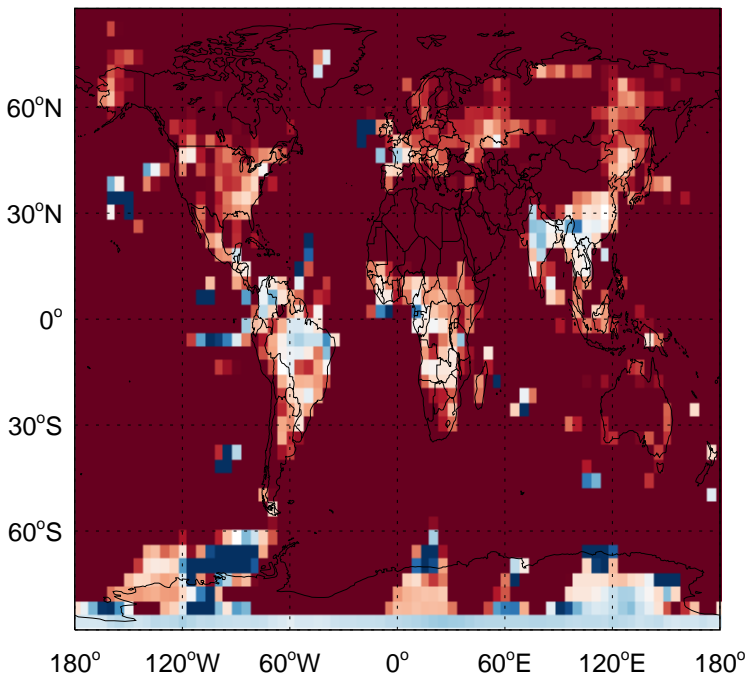
v11-02f-Run0 / v11-02e-Run1  
MTPO / Ratio @ Surface for Jul



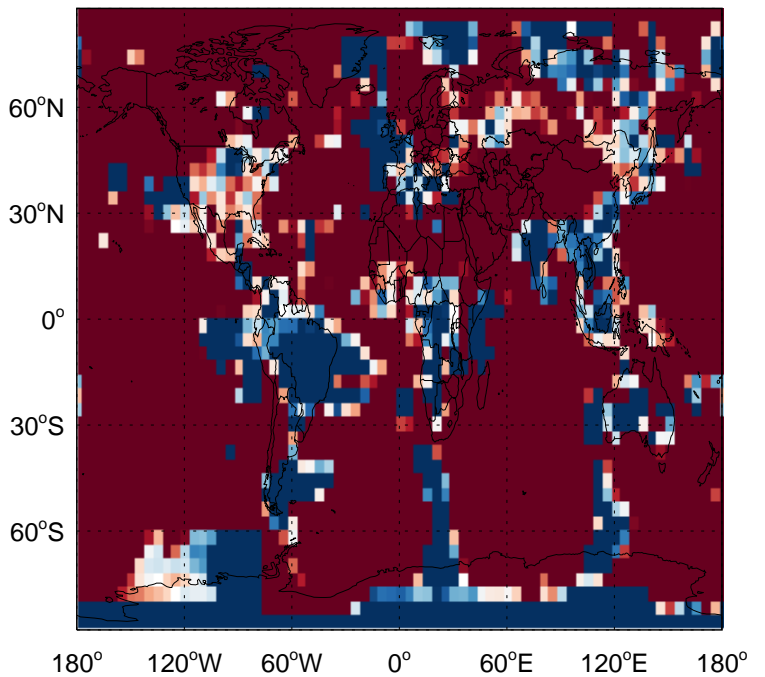
v11-02f-Run0 / v11-02e-Run1  
MTPO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MTPO / Ratio @ Surface for Jul



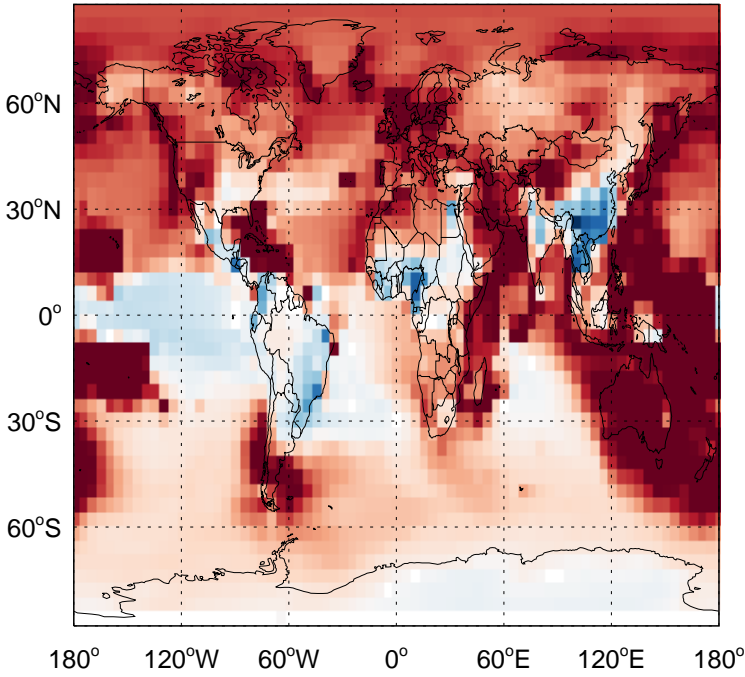
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MTPO/ Ratio @ 500 hPa for Jul



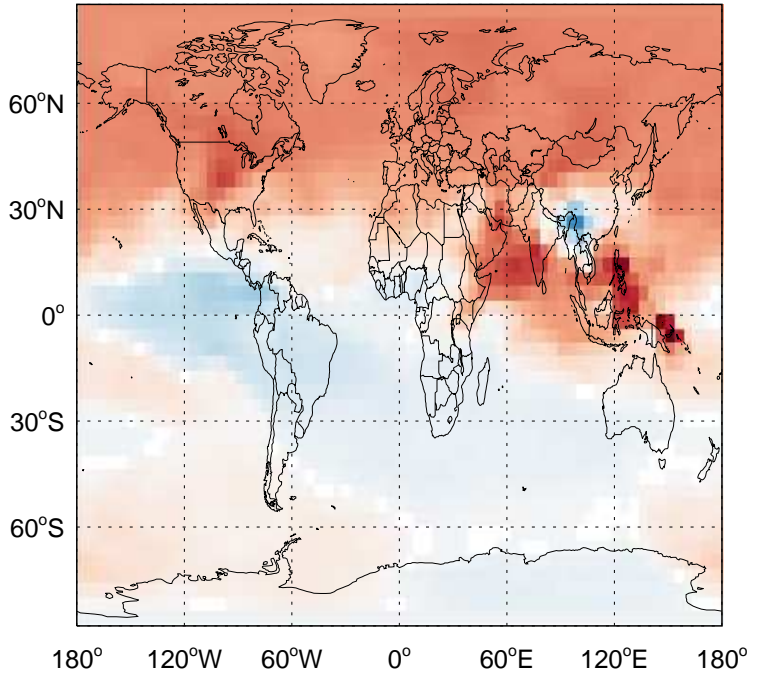


# GEOS-Chem Ratio Maps at surface and 500 hPa

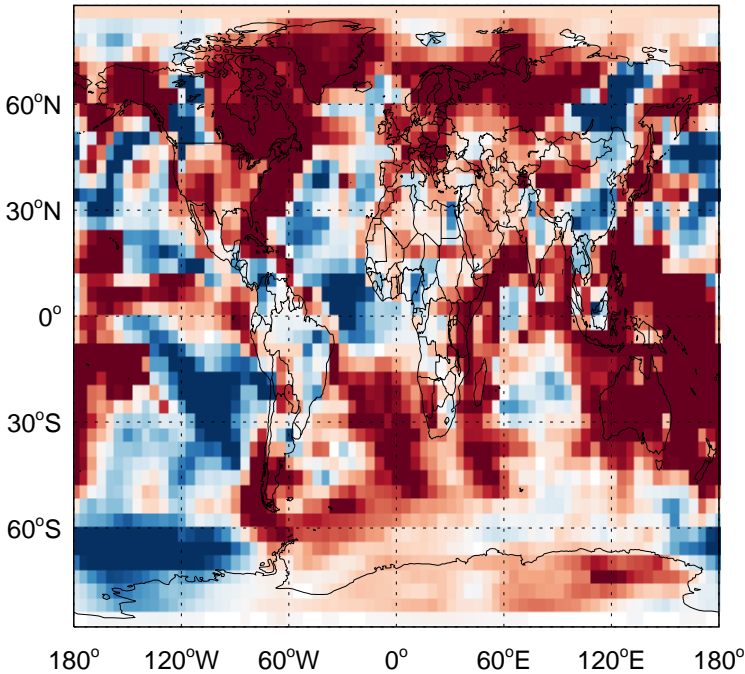
v11-02f-Run0 / v11-02e-Run1  
TSOG1 / Ratio @ Surface for Jul



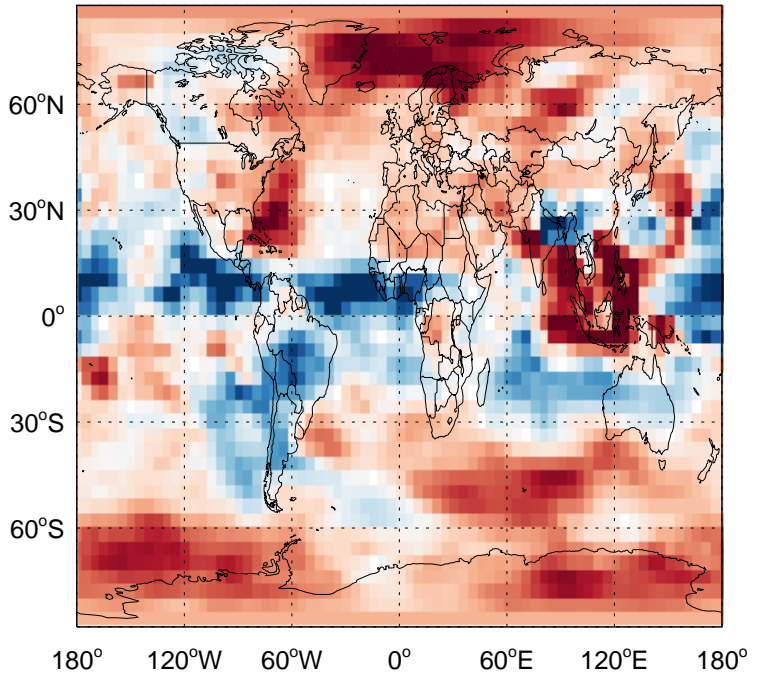
v11-02f-Run0 / v11-02e-Run1  
TSOG1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOG1 / Ratio @ Surface for Jul

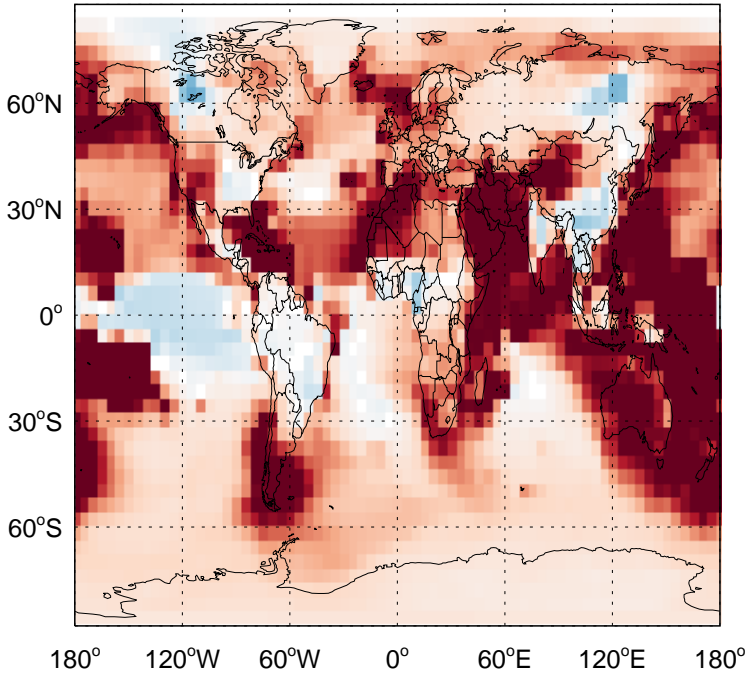


v11-02f-Run0 / v11-02e-Run0  
TSOG1/ Ratio @ 500 hPa for Jul

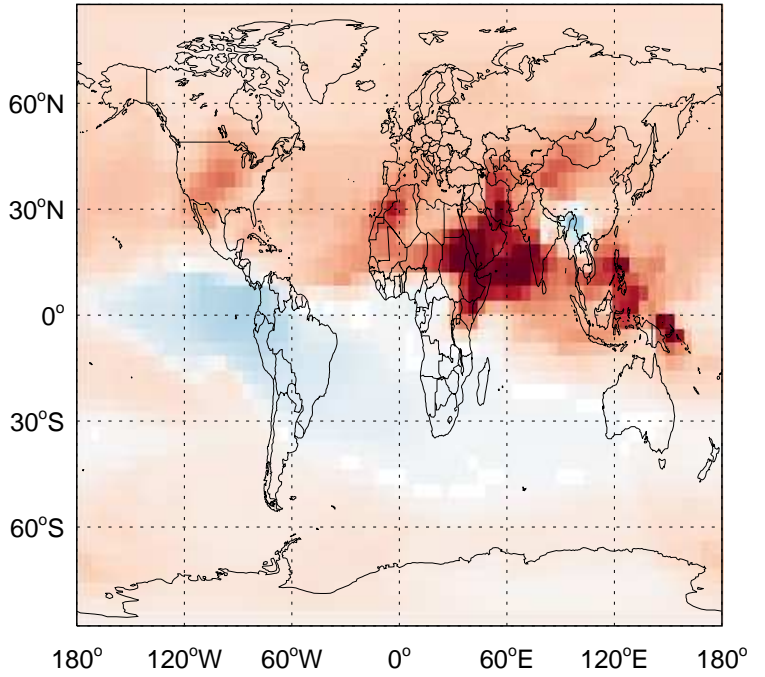


# GEOS-Chem Ratio Maps at surface and 500 hPa

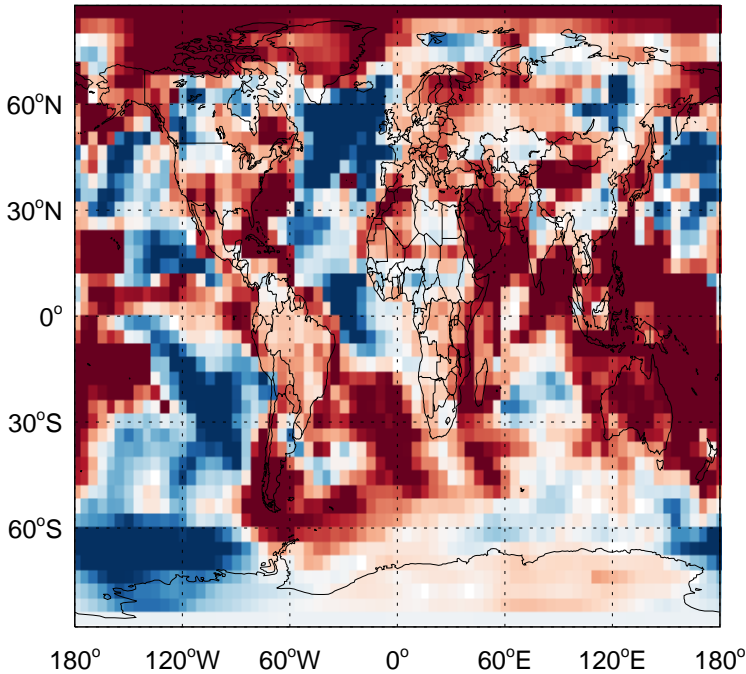
v11-02f-Run0 / v11-02e-Run1  
TSOG2 / Ratio @ Surface for Jul



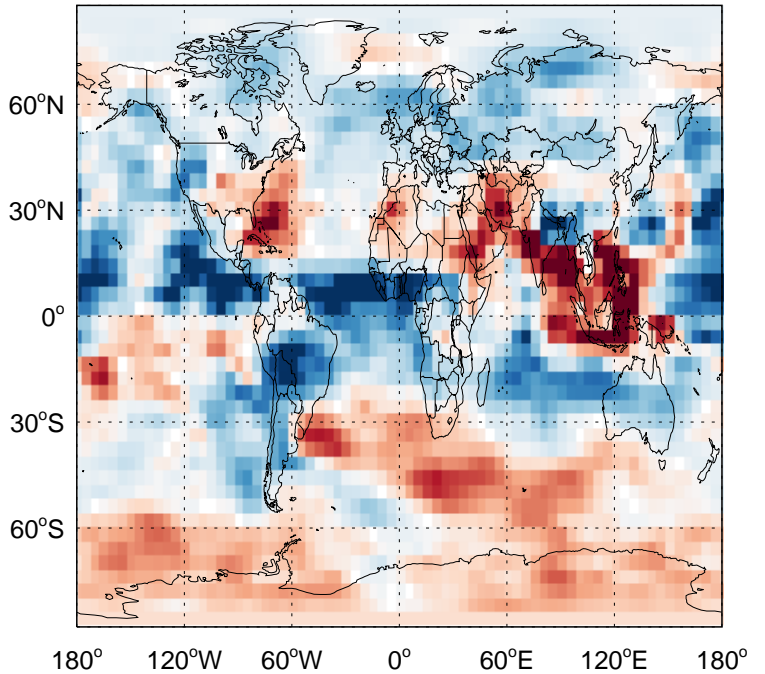
v11-02f-Run0 / v11-02e-Run1  
TSOG2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOG2 / Ratio @ Surface for Jul

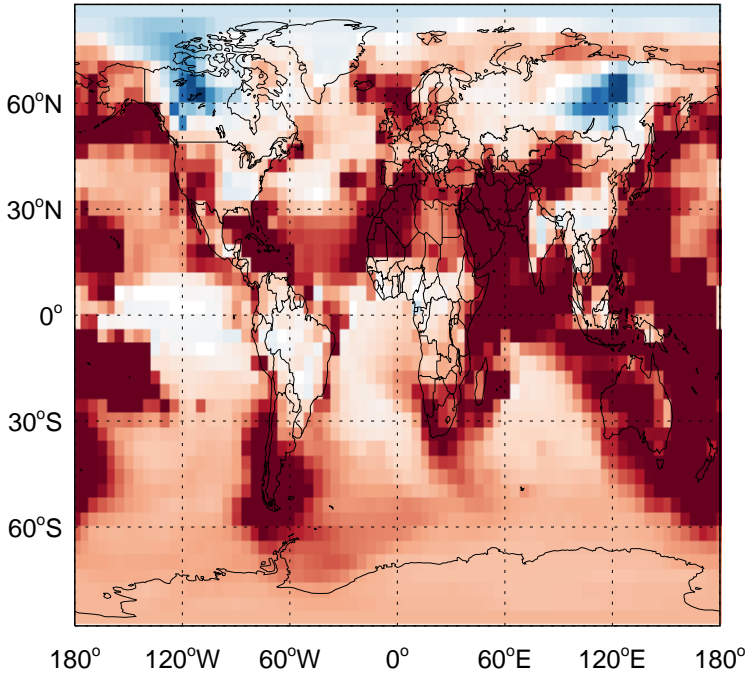


v11-02f-Run0 / v11-02e-Run0  
TSOG2/ Ratio @ 500 hPa for Jul

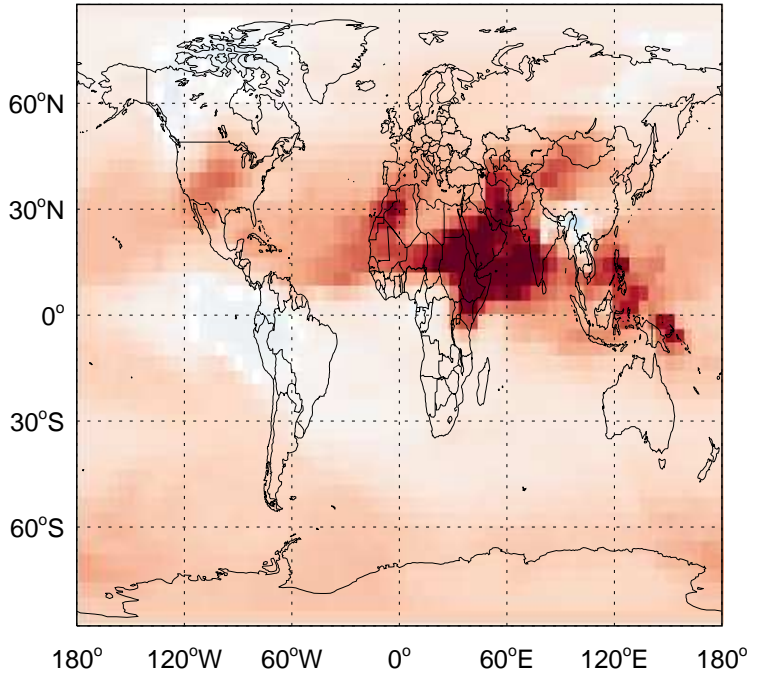


# GEOS-Chem Ratio Maps at surface and 500 hPa

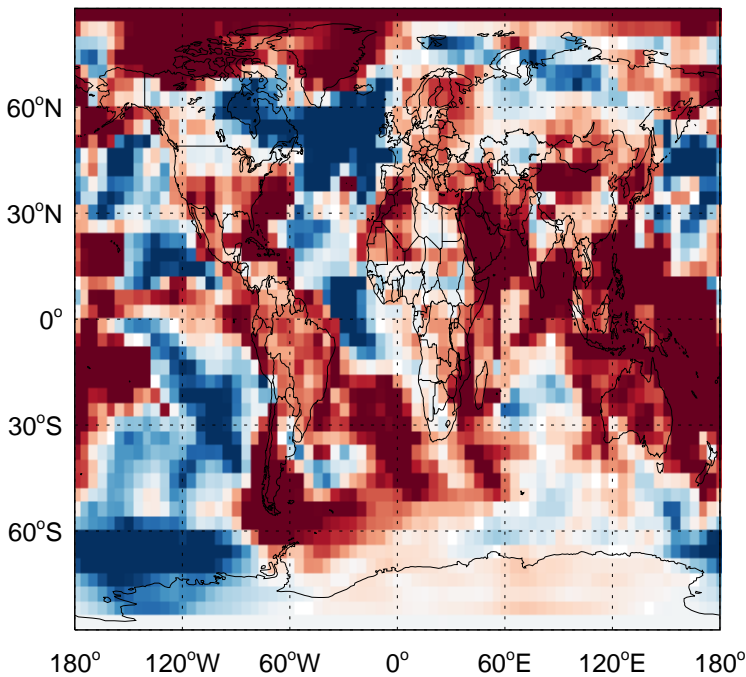
v11-02f-Run0 / v11-02e-Run1  
TSOG3 / Ratio @ Surface for Jul



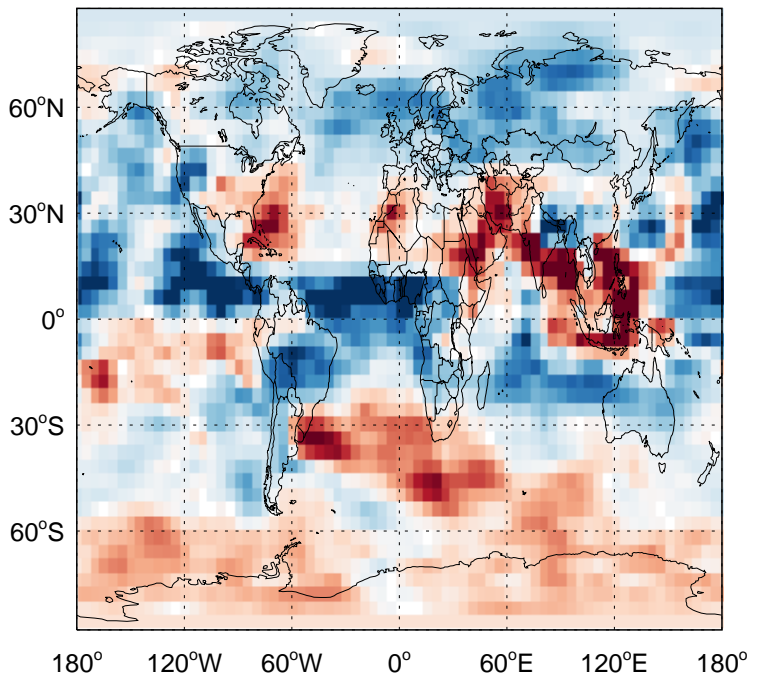
v11-02f-Run0 / v11-02e-Run1  
TSOG3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOG3 / Ratio @ Surface for Jul

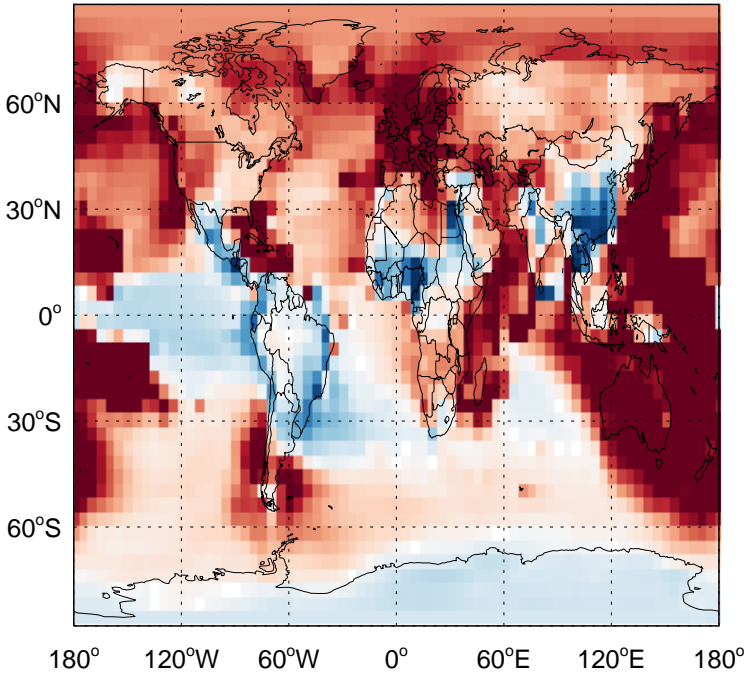


v11-02f-Run0 / v11-02e-Run0  
TSOG3/ Ratio @ 500 hPa for Jul

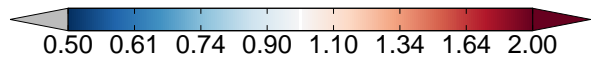
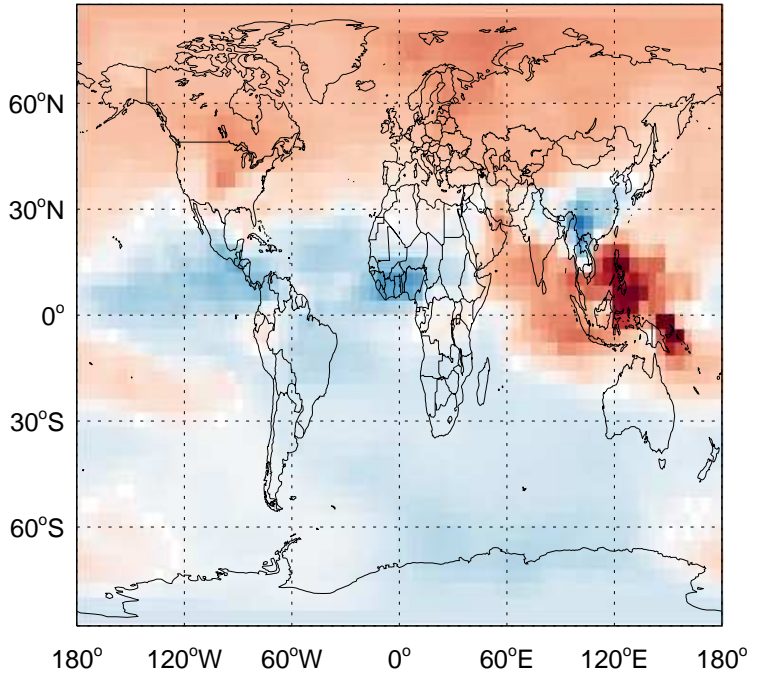


# GEOS-Chem Ratio Maps at surface and 500 hPa

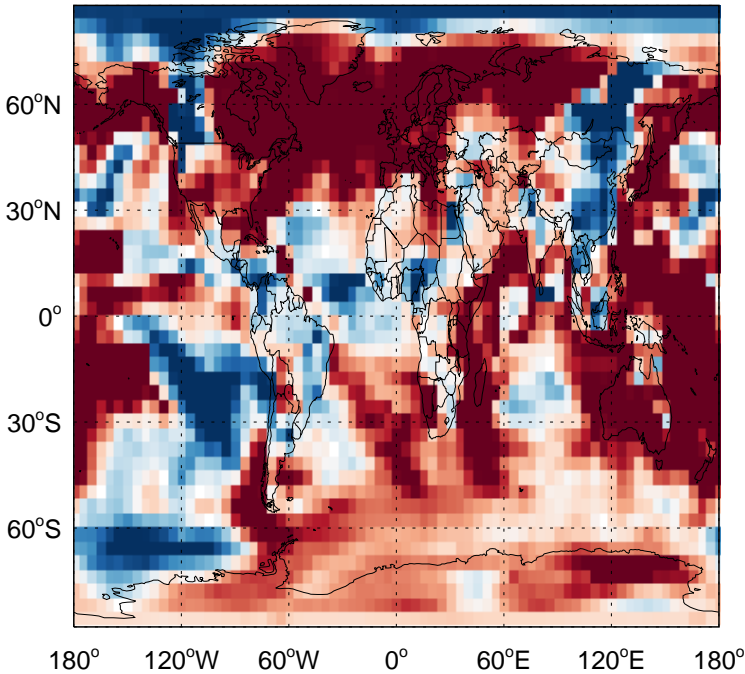
v11-02f-Run0 / v11-02e-Run1  
TSOG0 / Ratio @ Surface for Jul



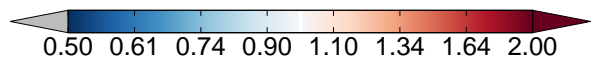
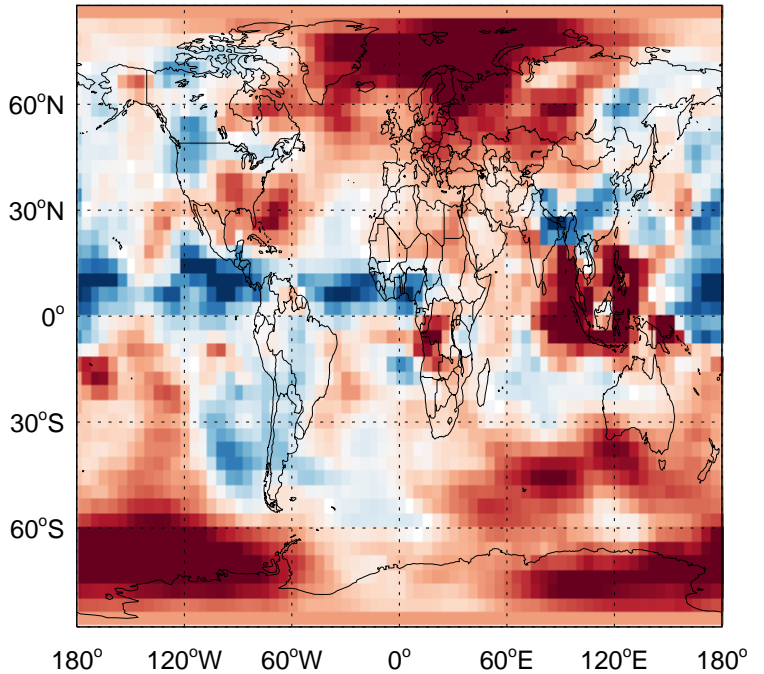
v11-02f-Run0 / v11-02e-Run1  
TSOG0/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOG0 / Ratio @ Surface for Jul

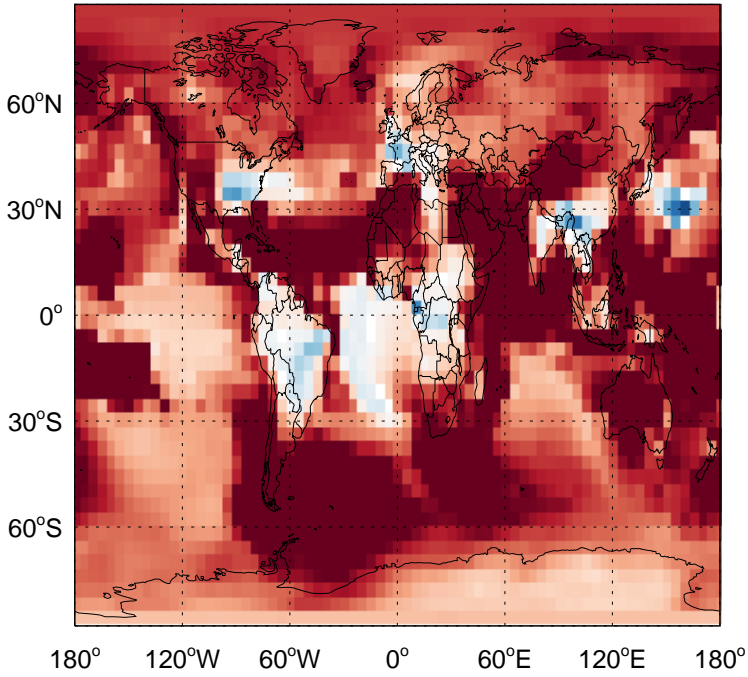


v11-02f-Run0 / v11-02e-Run0  
TSOG0/ Ratio @ 500 hPa for Jul

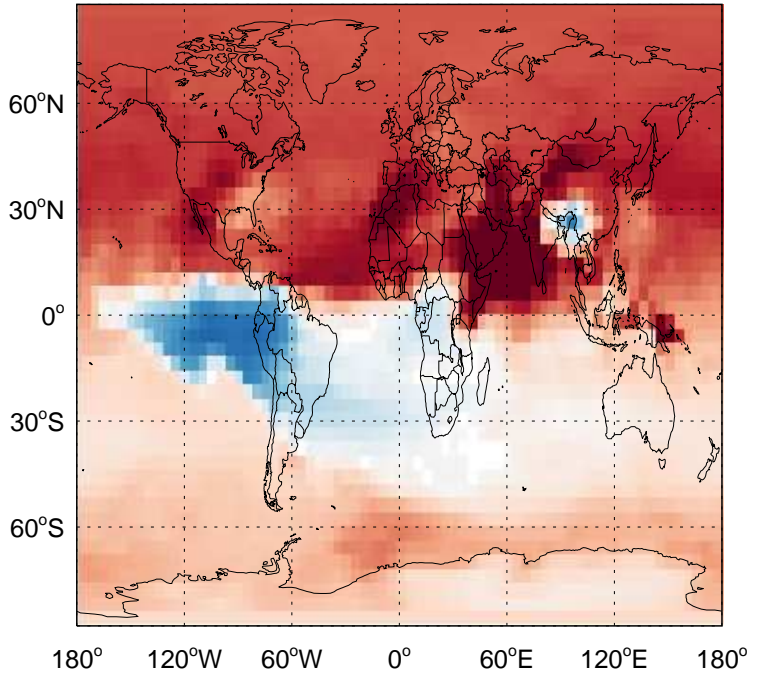


# GEOS-Chem Ratio Maps at surface and 500 hPa

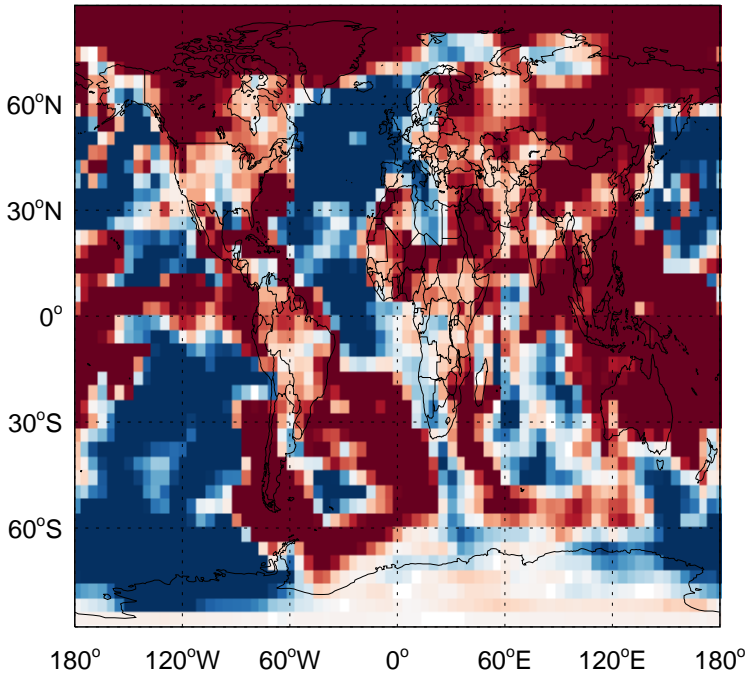
v11-02f-Run0 / v11-02e-Run1  
TSOA1 / Ratio @ Surface for Jul



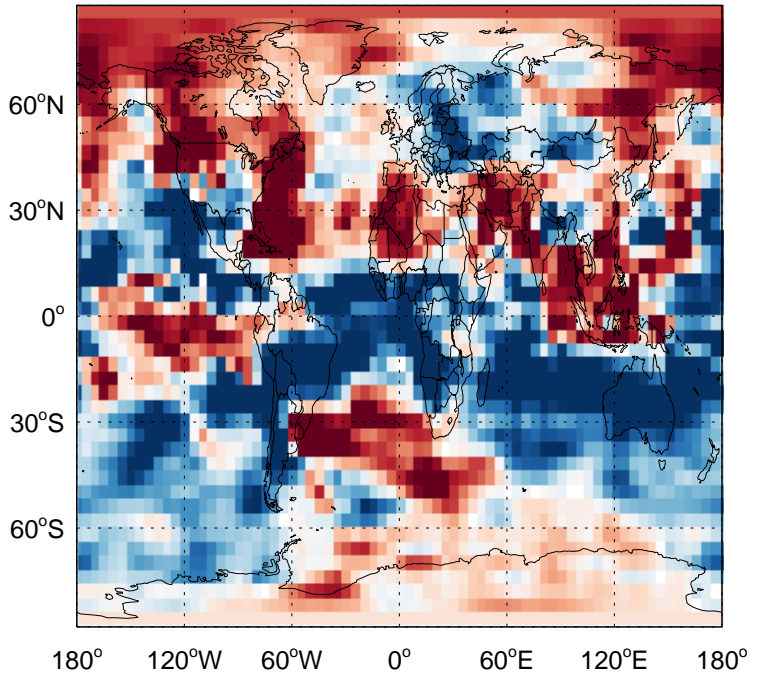
v11-02f-Run0 / v11-02e-Run1  
TSOA1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOA1 / Ratio @ Surface for Jul

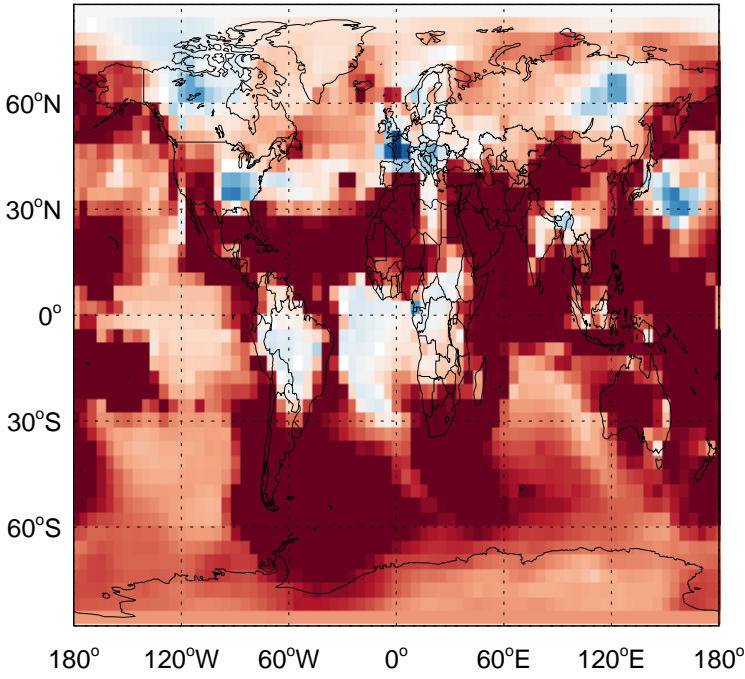


v11-02f-Run0 / v11-02e-Run0  
TSOA1/ Ratio @ 500 hPa for Jul

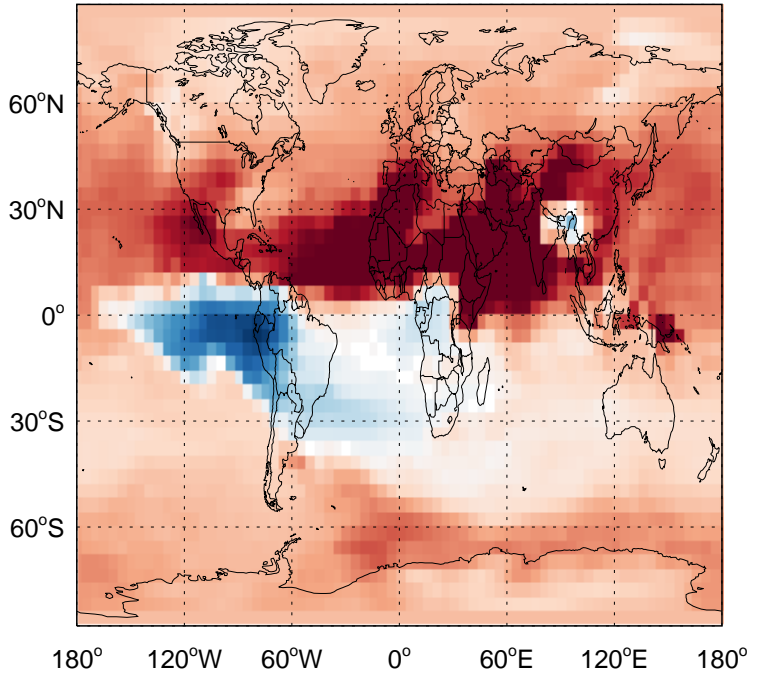


# GEOS-Chem Ratio Maps at surface and 500 hPa

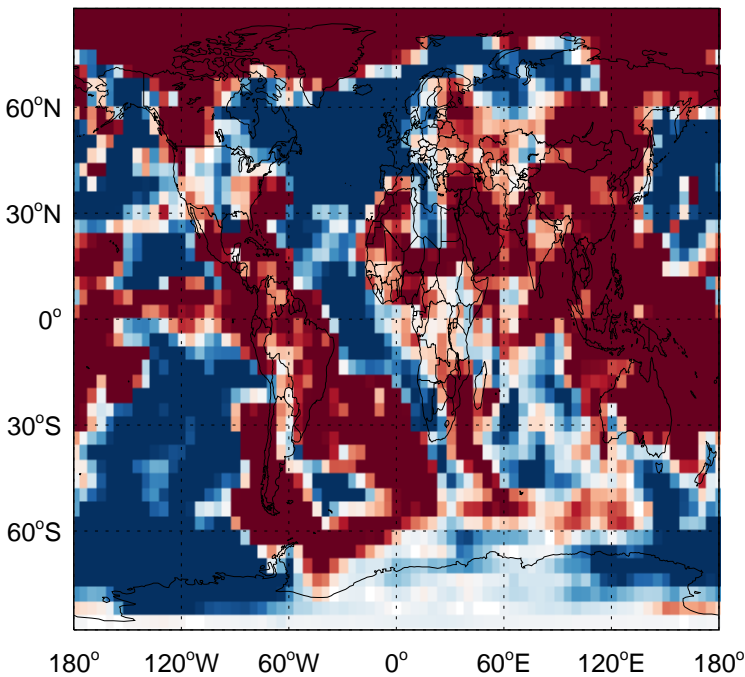
v11-02f-Run0 / v11-02e-Run1  
TSOA2 / Ratio @ Surface for Jul



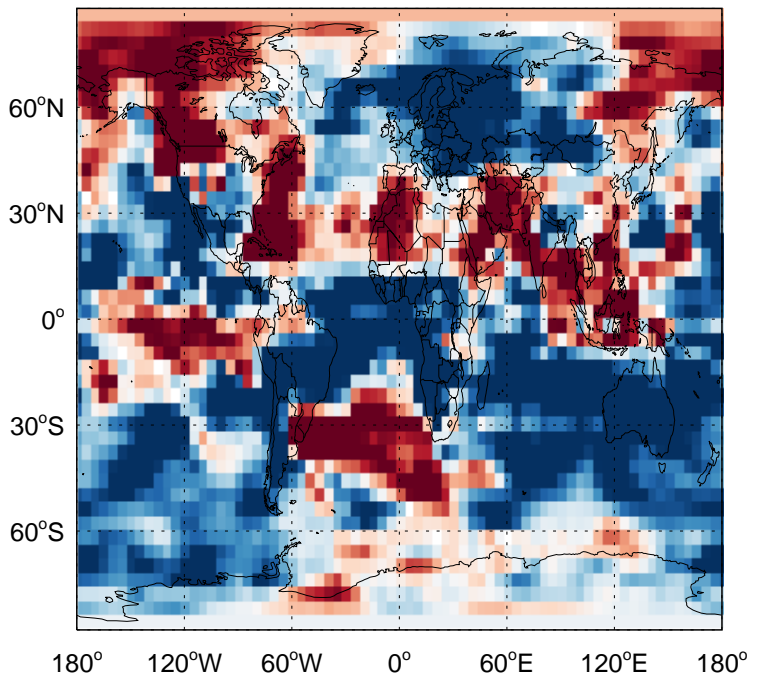
v11-02f-Run0 / v11-02e-Run1  
TSOA2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOA2 / Ratio @ Surface for Jul

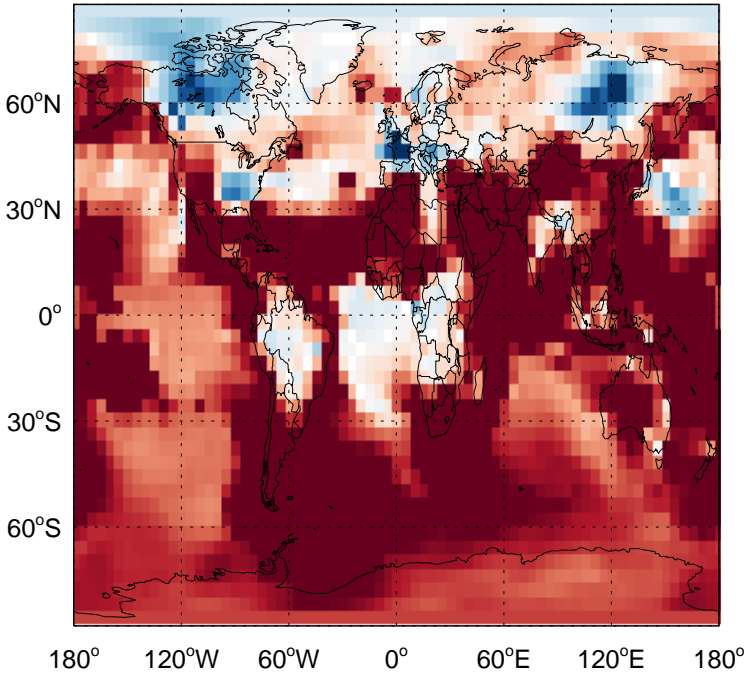


v11-02f-Run0 / v11-02e-Run0  
TSOA2/ Ratio @ 500 hPa for Jul

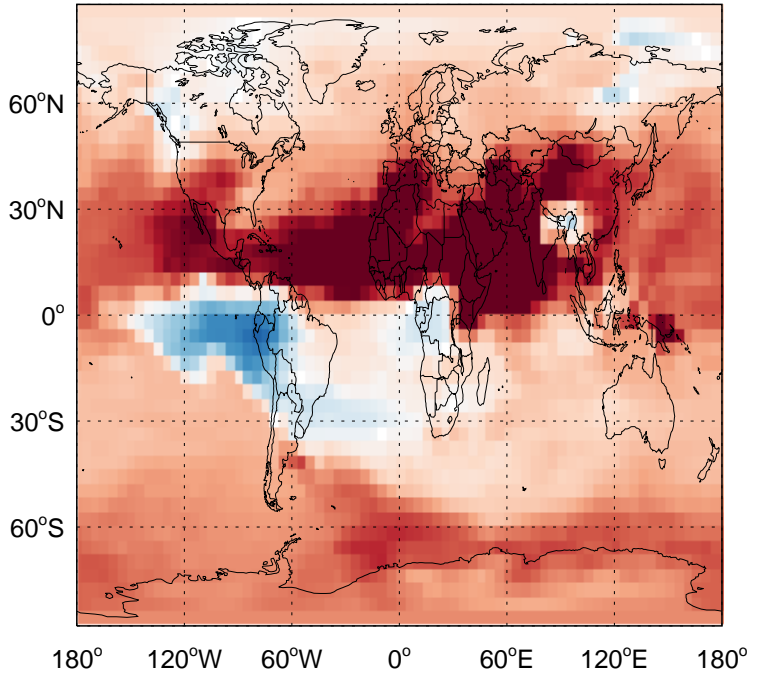


# GEOS-Chem Ratio Maps at surface and 500 hPa

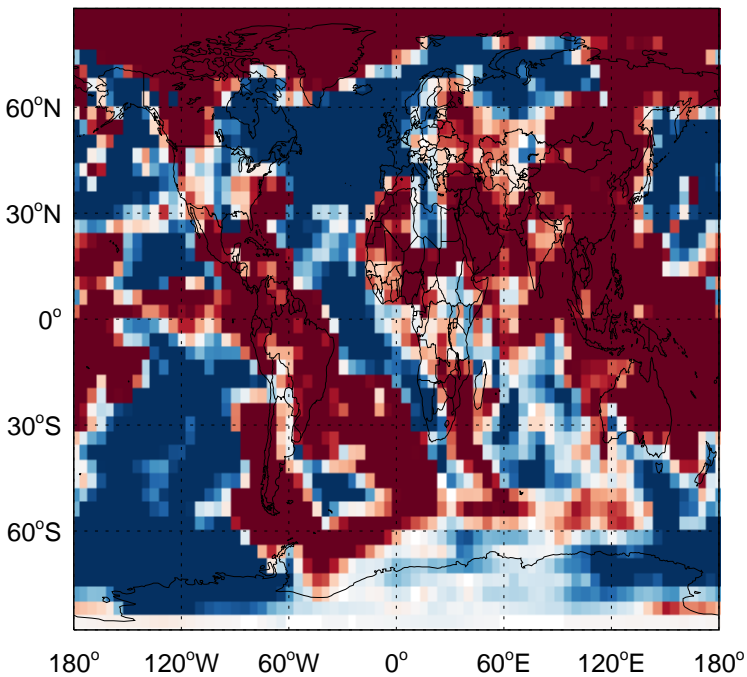
v11-02f-Run0 / v11-02e-Run1  
TSOA3 / Ratio @ Surface for Jul



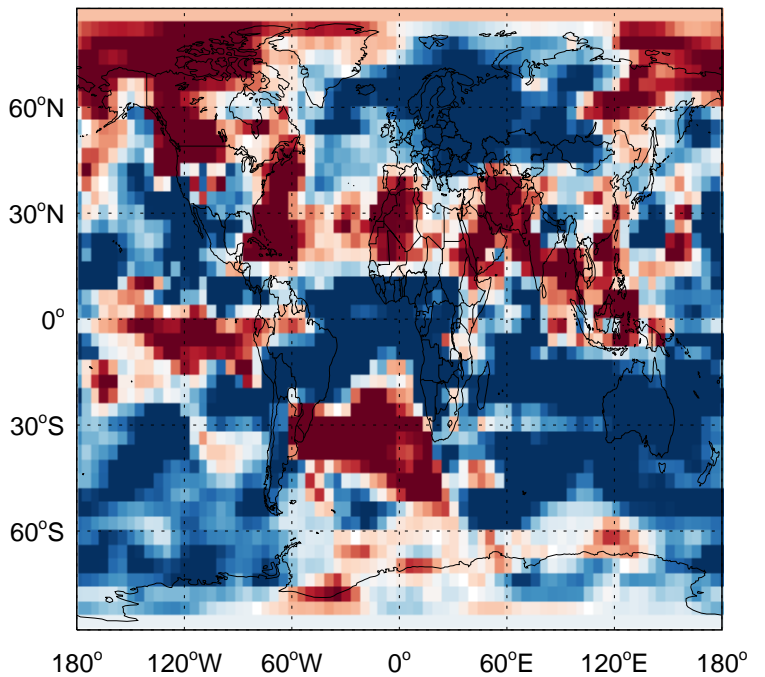
v11-02f-Run0 / v11-02e-Run1  
TSOA3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOA3 / Ratio @ Surface for Jul

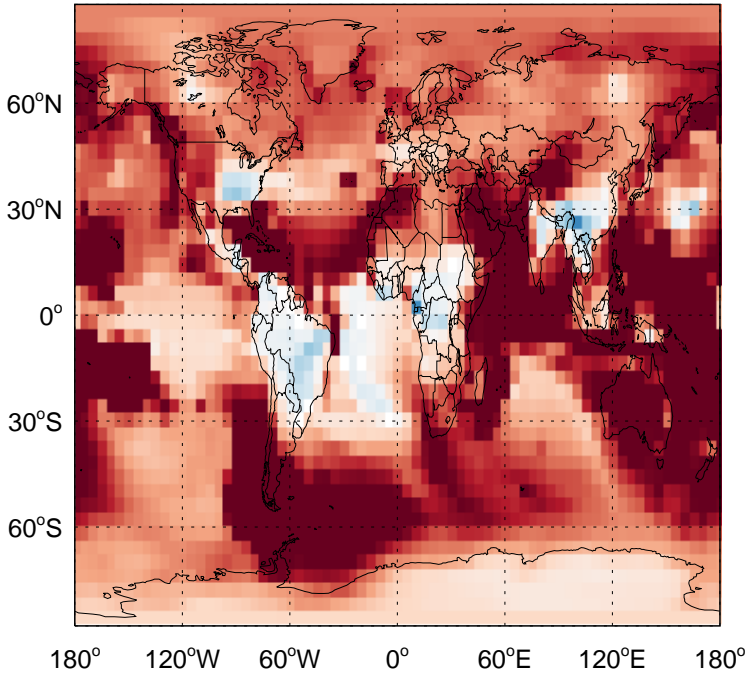


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TSOA3/ Ratio @ 500 hPa for Jul

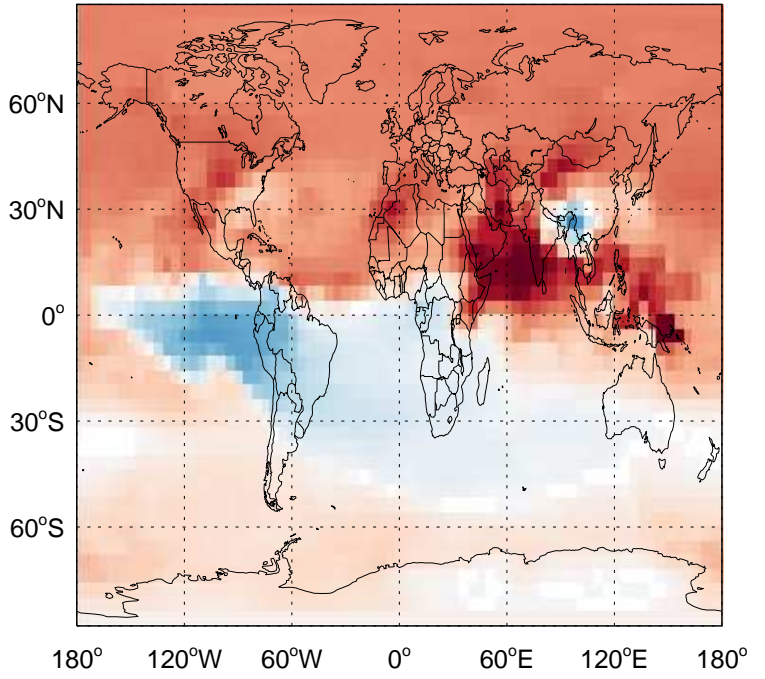


# GEOS-Chem Ratio Maps at surface and 500 hPa

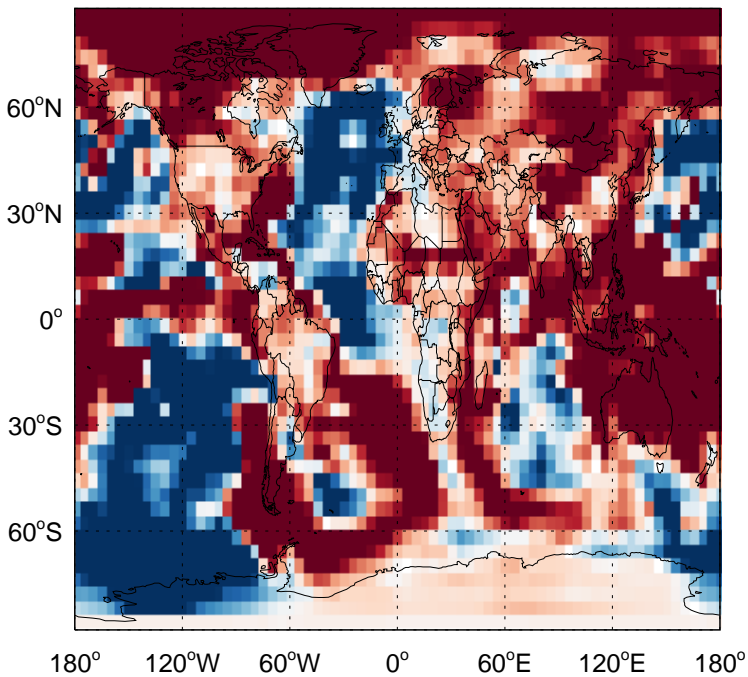
v11-02f-Run0 / v11-02e-Run1  
TSOA0 / Ratio @ Surface for Jul



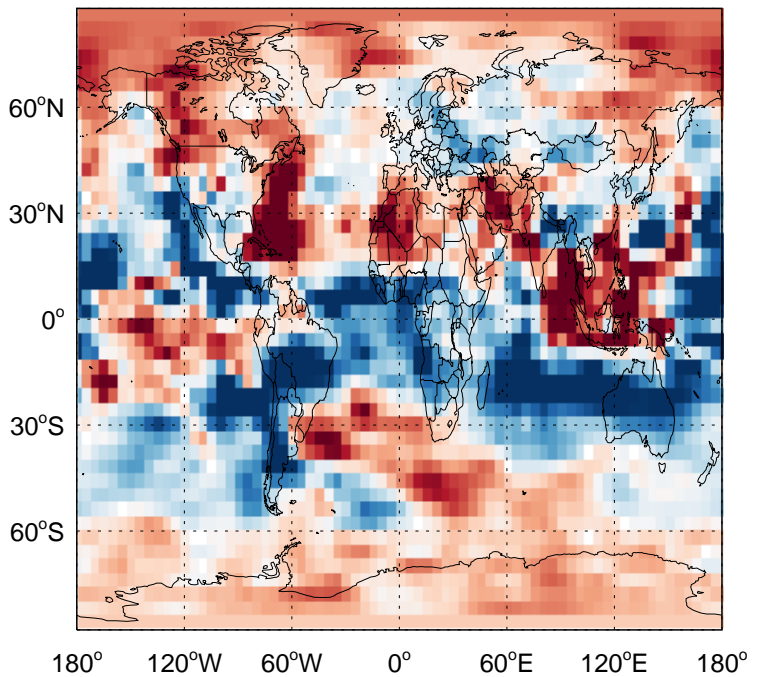
v11-02f-Run0 / v11-02e-Run1  
TSOA0/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
TSOA0 / Ratio @ Surface for Jul



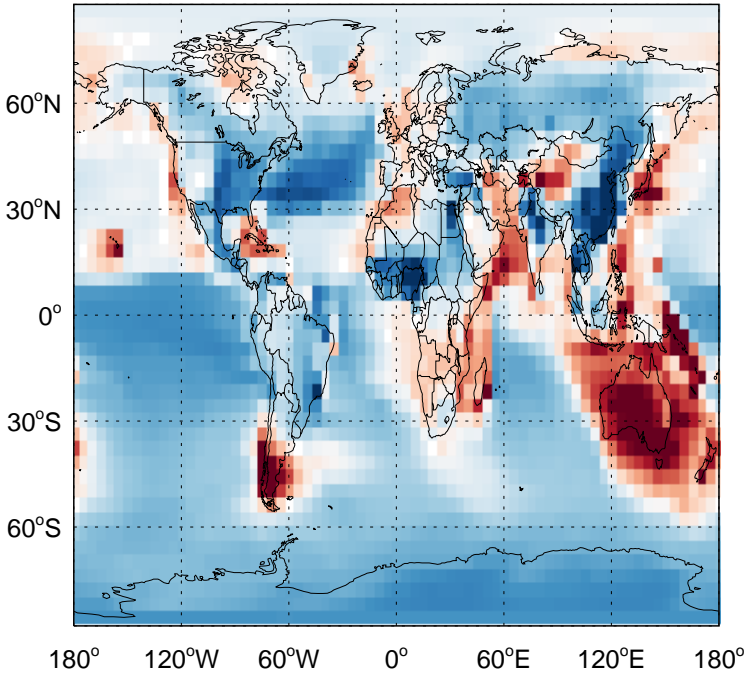
v11-02f-Run0 / v11-02e-Run0  
TSOA0/ Ratio @ 500 hPa for Jul



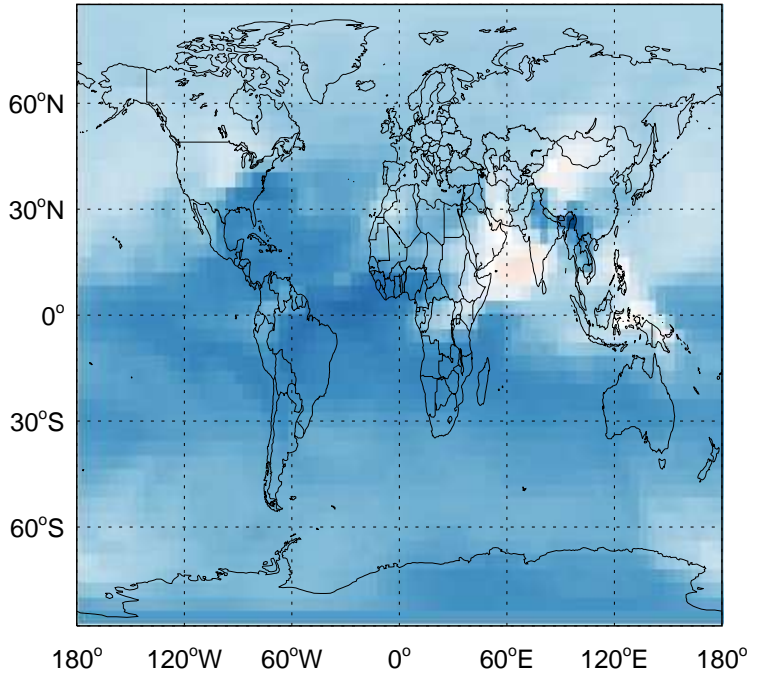


# GEOS-Chem Ratio Maps at surface and 500 hPa

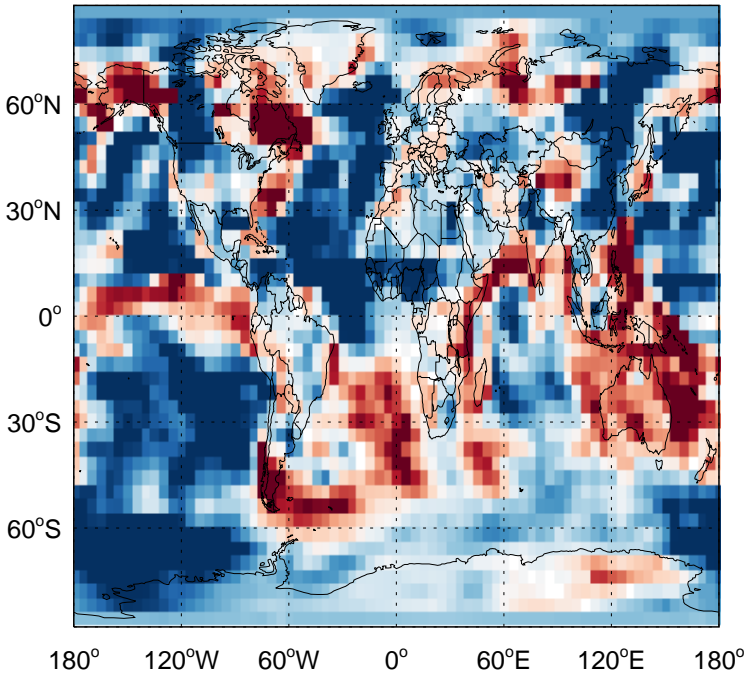
v11-02f-Run0 / v11-02e-Run1  
ISOG1 / Ratio @ Surface for Jul



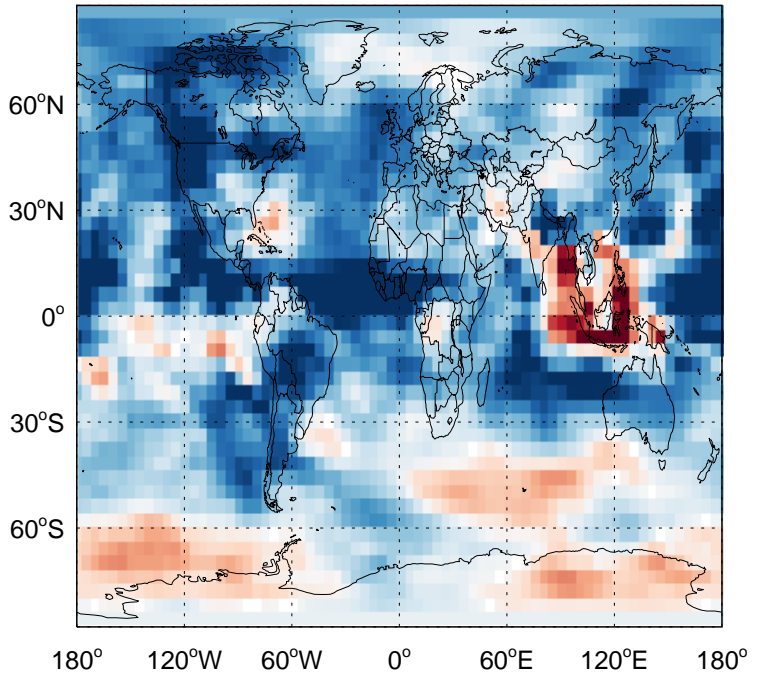
v11-02f-Run0 / v11-02e-Run1  
ISOG1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOG1 / Ratio @ Surface for Jul

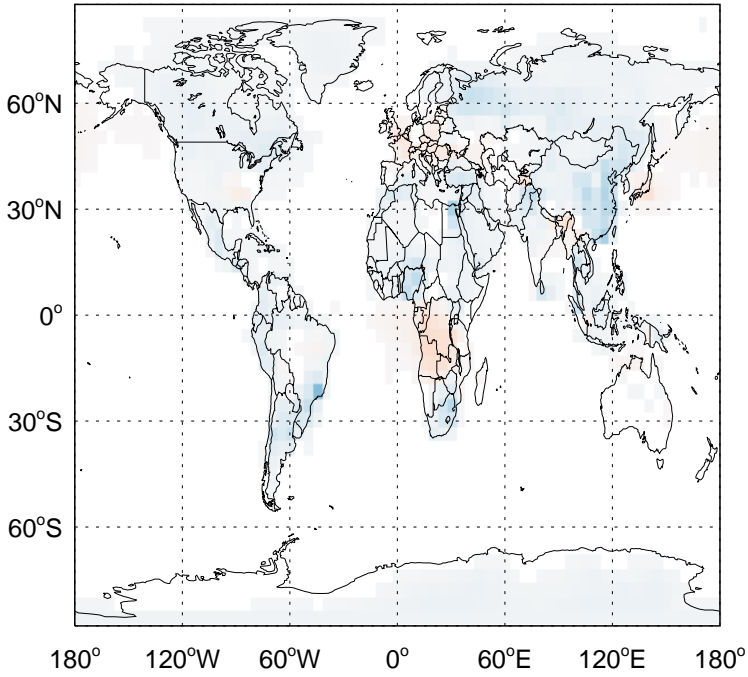


v11-02f-Run0 / v11-02e-Run0  
ISOG1/ Ratio @ 500 hPa for Jul

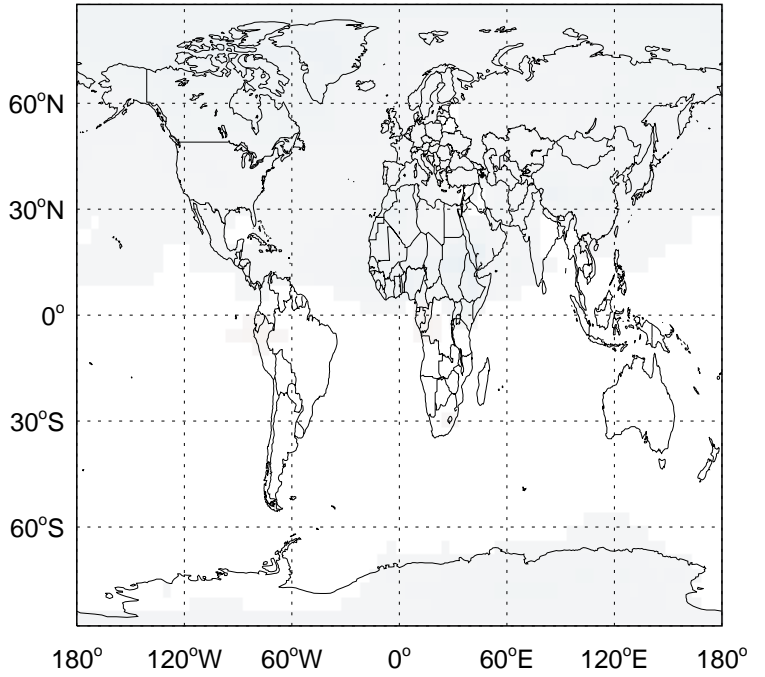


# GEOS-Chem Ratio Maps at surface and 500 hPa

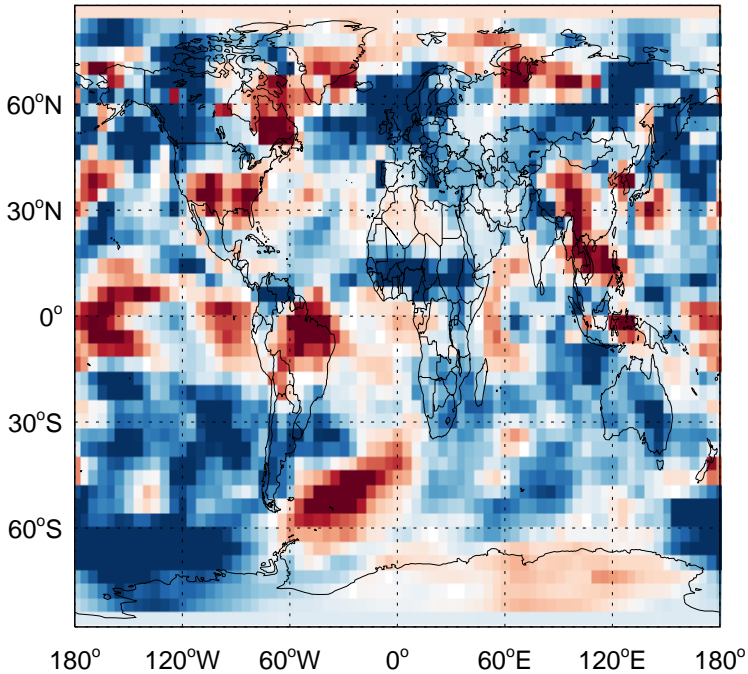
v11-02f-Run0 / v11-02e-Run1  
ISOG2 / Ratio @ Surface for Jul



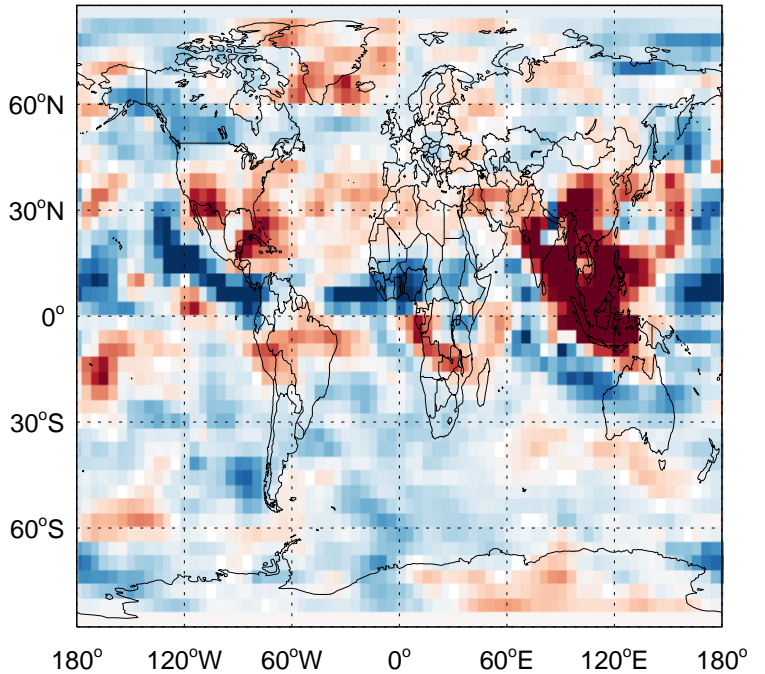
v11-02f-Run0 / v11-02e-Run1  
ISOG2 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOG2 / Ratio @ Surface for Jul

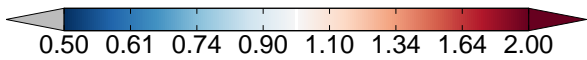
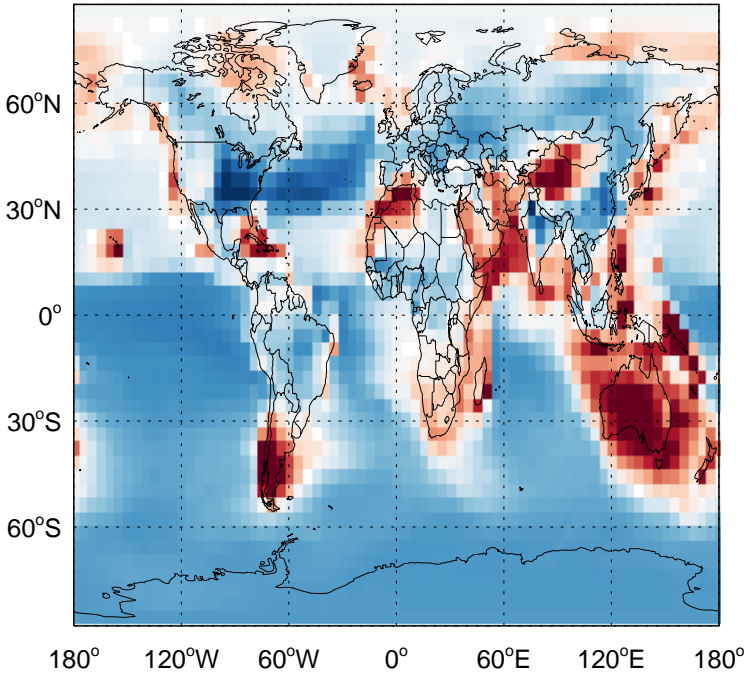


v11-02f-Run0 / v11-02e-Run0  
ISOG2 / Ratio @ 500 hPa for Jul

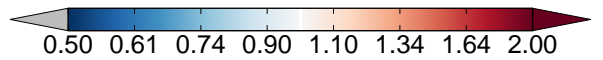
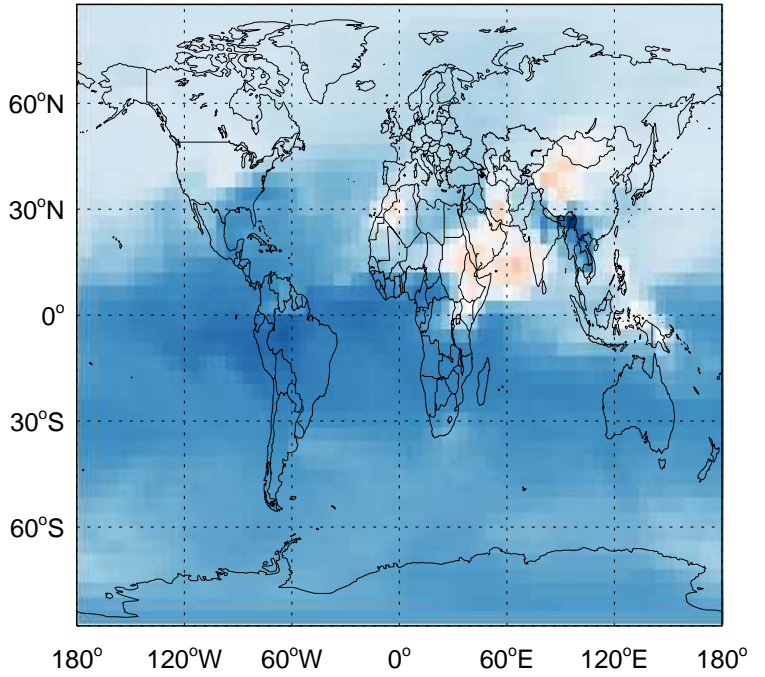


# GEOS-Chem Ratio Maps at surface and 500 hPa

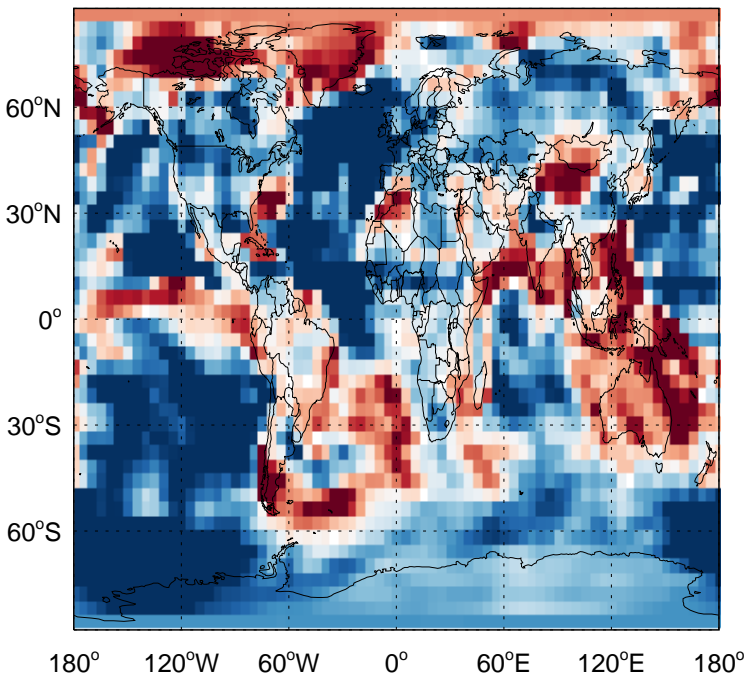
v11-02f-Run0 / v11-02e-Run1  
ISO3 / Ratio @ Surface for Jul



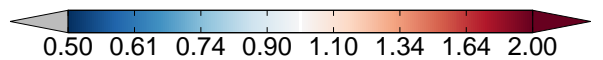
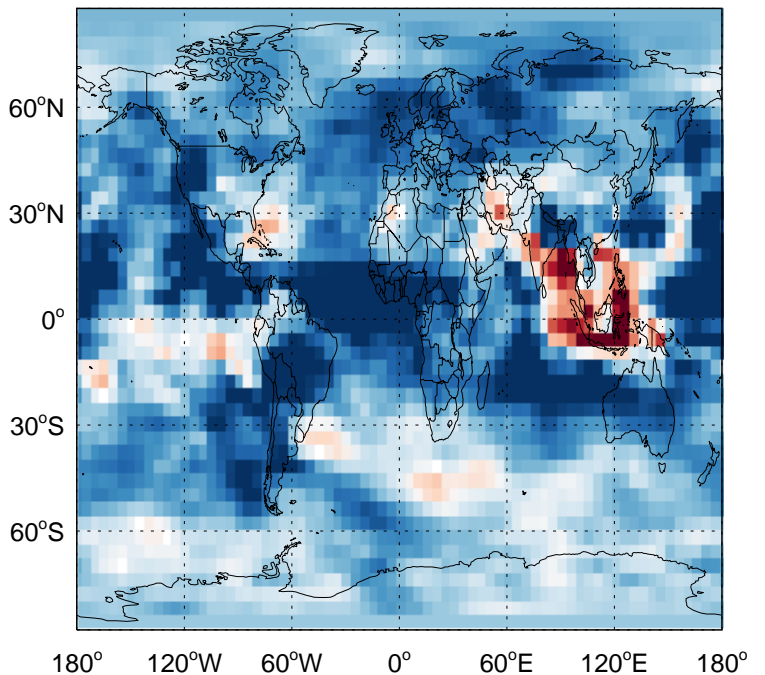
v11-02f-Run0 / v11-02e-Run1  
ISO3 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISO3 / Ratio @ Surface for Jul

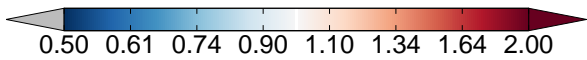
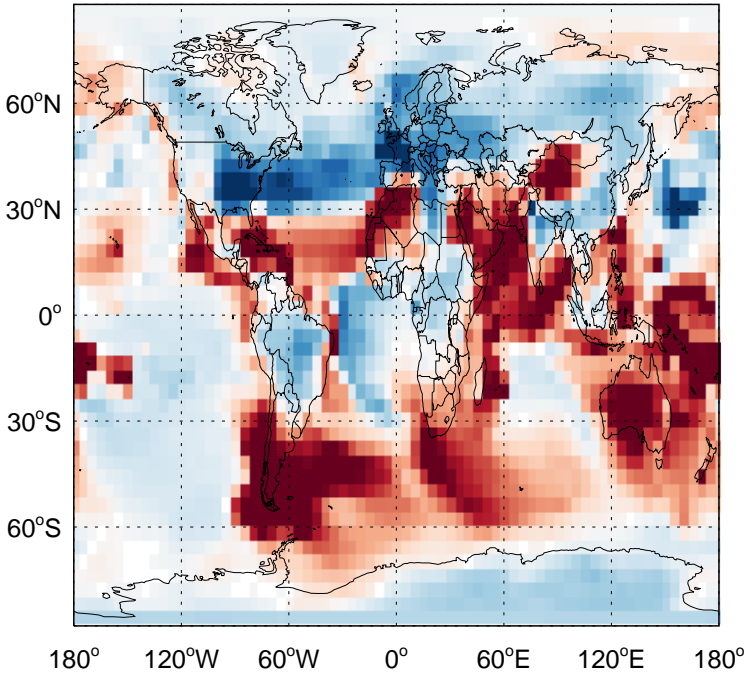


v11-02f-Run0 / v11-02e-Run0  
ISO3 / Ratio @ 500 hPa for Jul

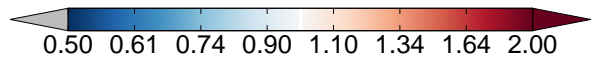
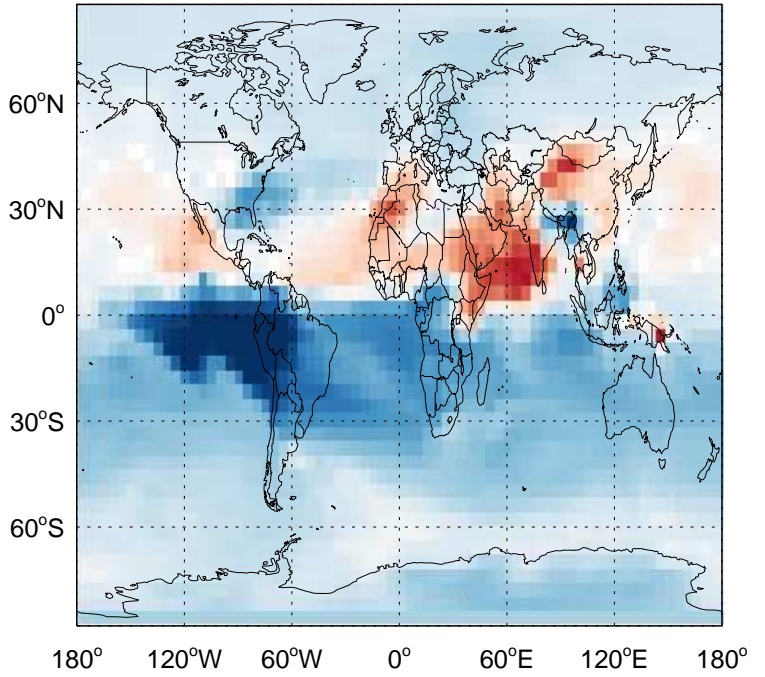


# GEOS-Chem Ratio Maps at surface and 500 hPa

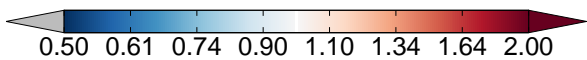
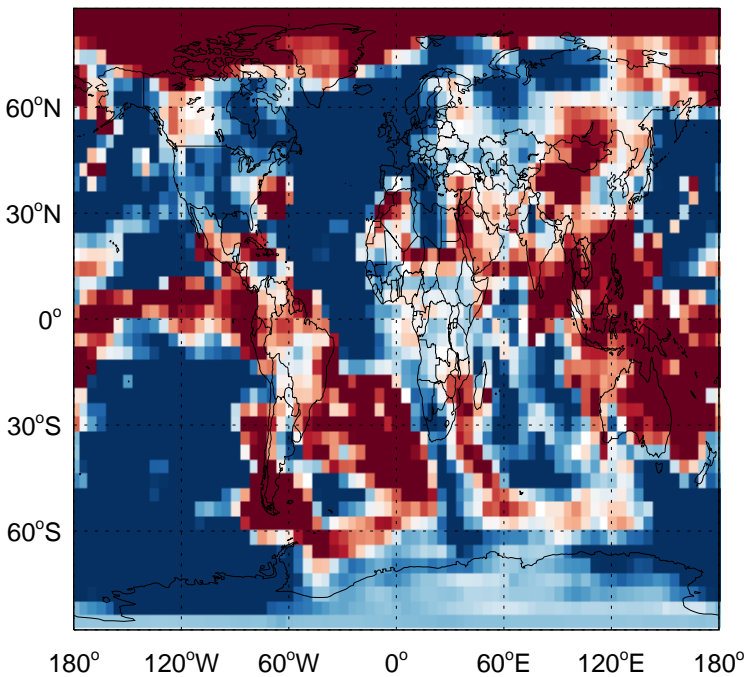
v11-02f-Run0 / v11-02e-Run1  
ISOA1 / Ratio @ Surface for Jul



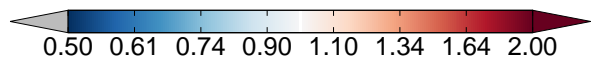
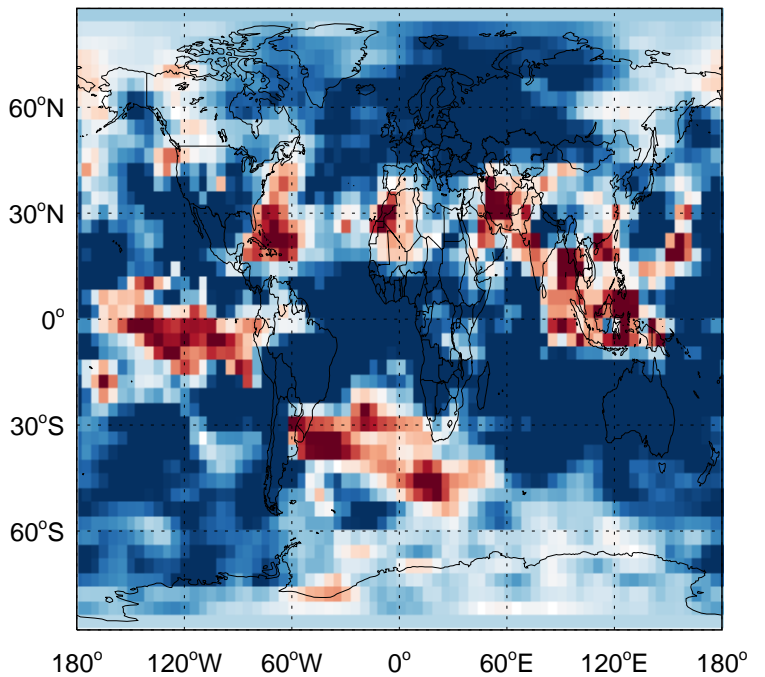
v11-02f-Run0 / v11-02e-Run1  
ISOA1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOA1 / Ratio @ Surface for Jul

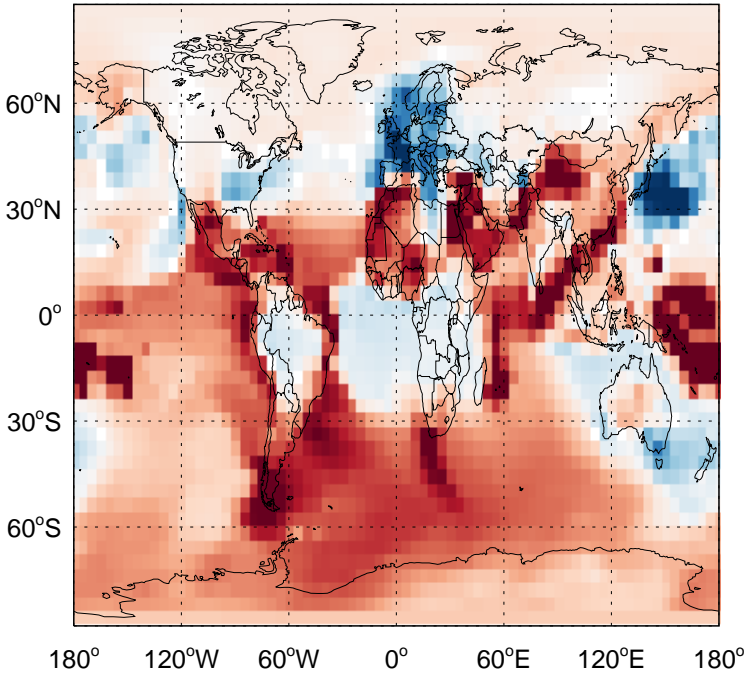


v11-02f-Run0 / v11-02e-Run0  
ISOA1/ Ratio @ 500 hPa for Jul

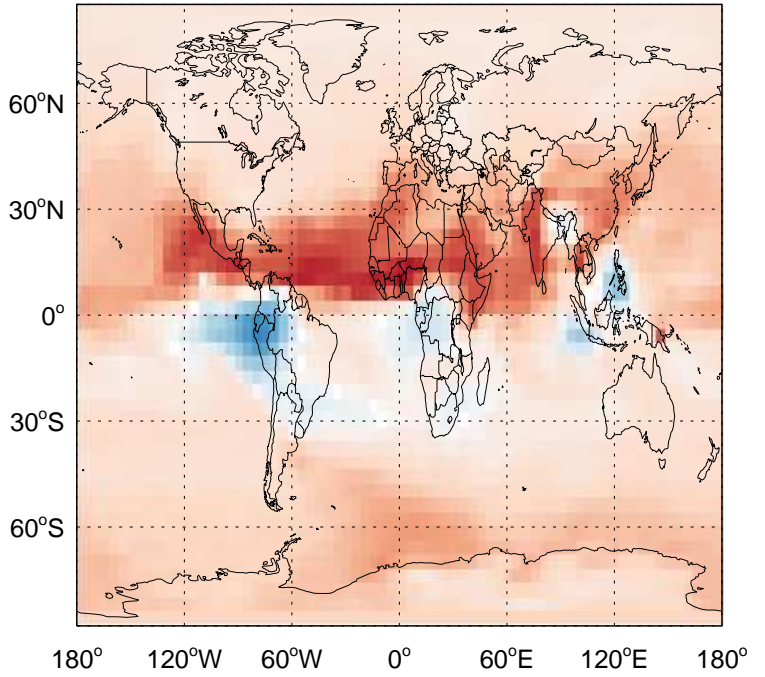


# GEOS-Chem Ratio Maps at surface and 500 hPa

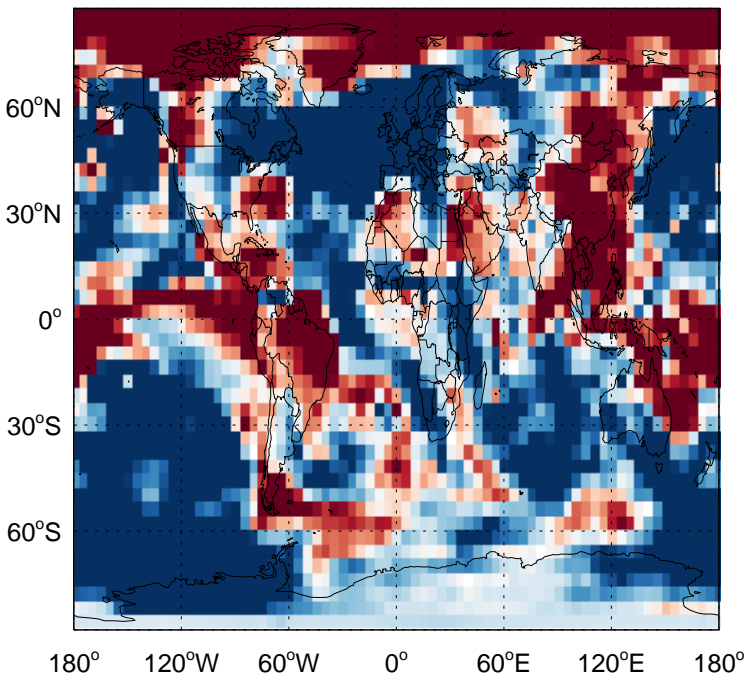
v11-02f-Run0 / v11-02e-Run1  
ISOA2 / Ratio @ Surface for Jul



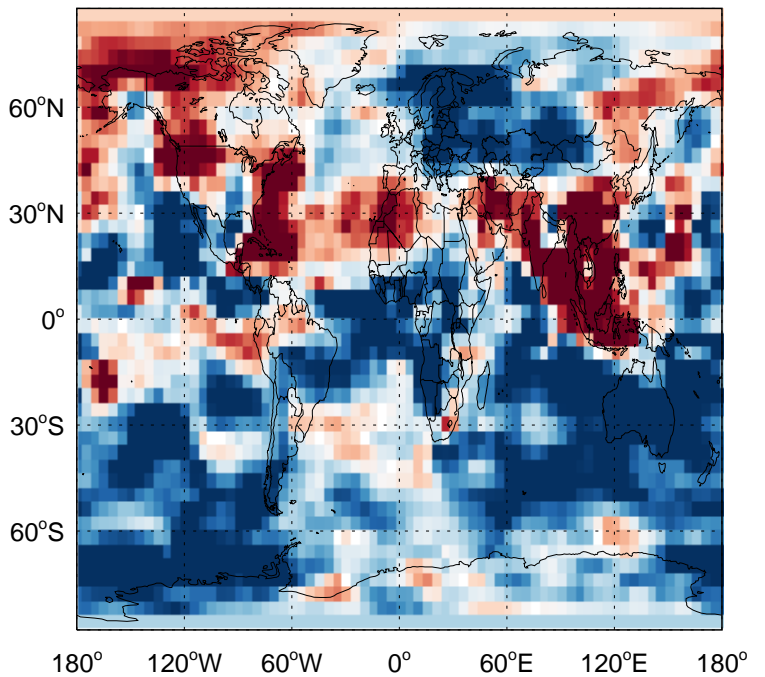
v11-02f-Run0 / v11-02e-Run1  
ISOA2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOA2 / Ratio @ Surface for Jul

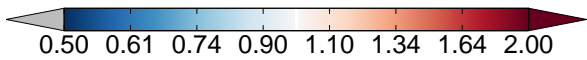
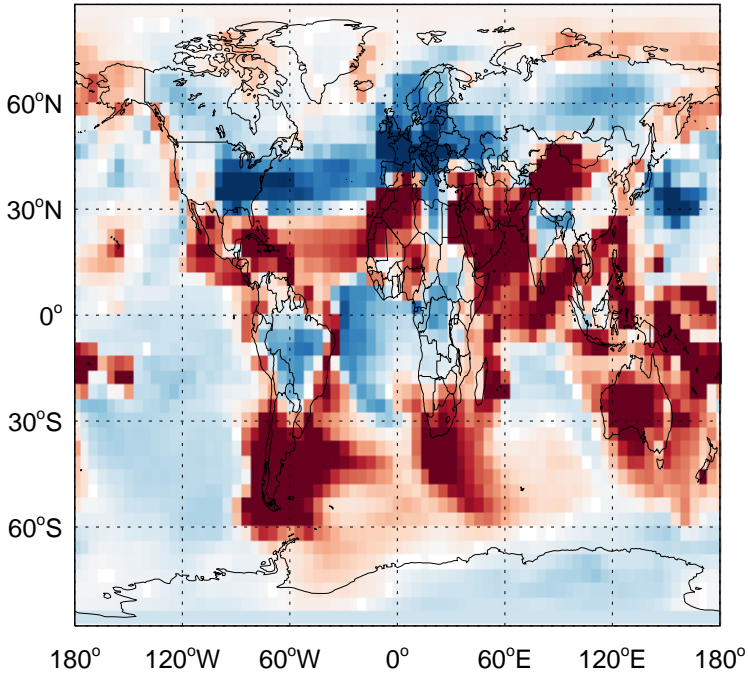


v11-02f-Run0 / v11-02e-Run0  
ISOA2/ Ratio @ 500 hPa for Jul

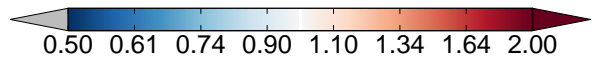
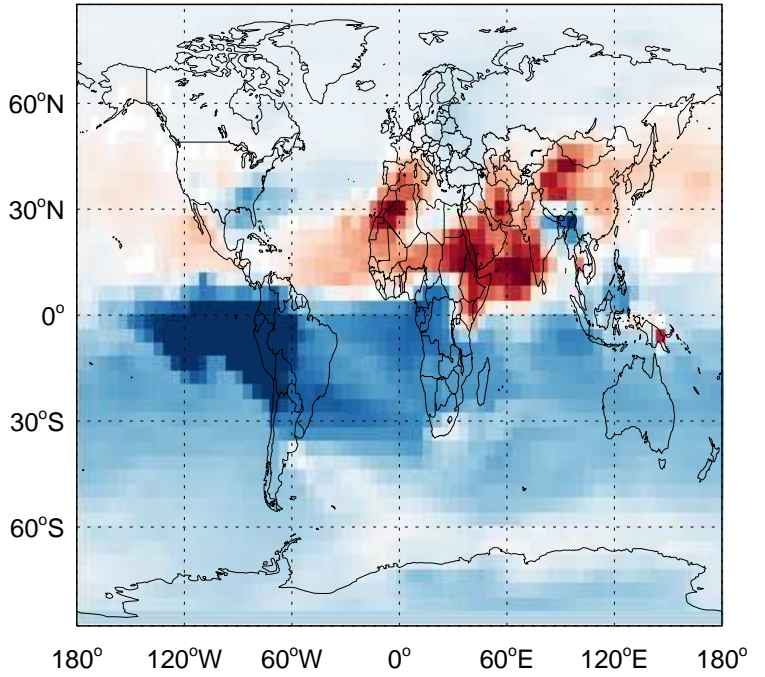


# GEOS-Chem Ratio Maps at surface and 500 hPa

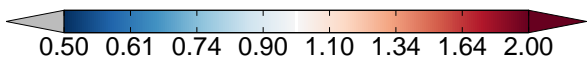
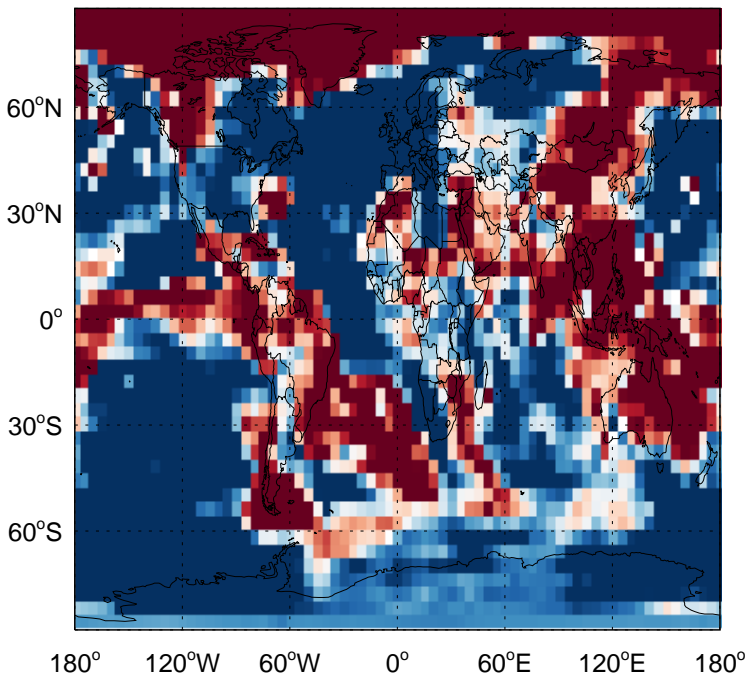
v11-02f-Run0 / v11-02e-Run1  
ISOA3 / Ratio @ Surface for Jul



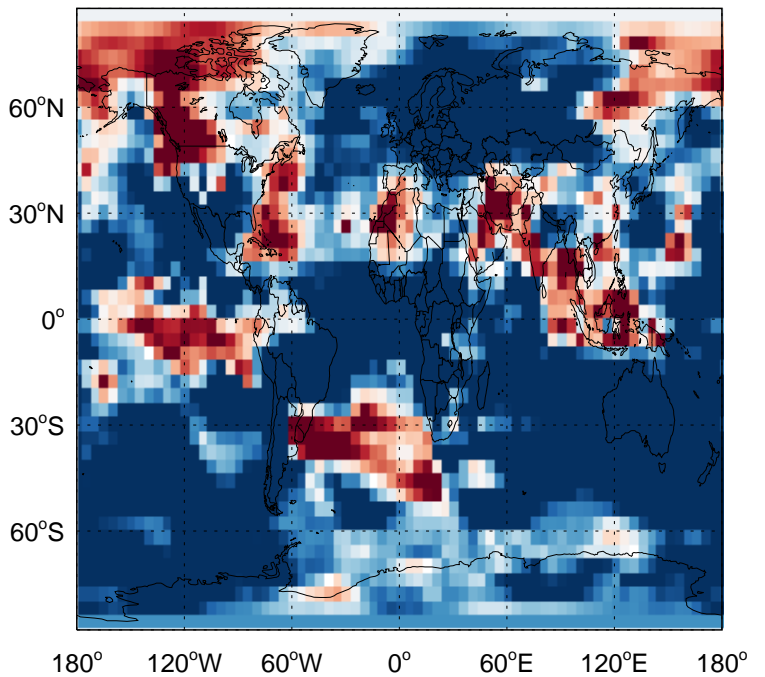
v11-02f-Run0 / v11-02e-Run1  
ISOA3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISOA3 / Ratio @ Surface for Jul

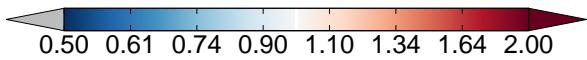
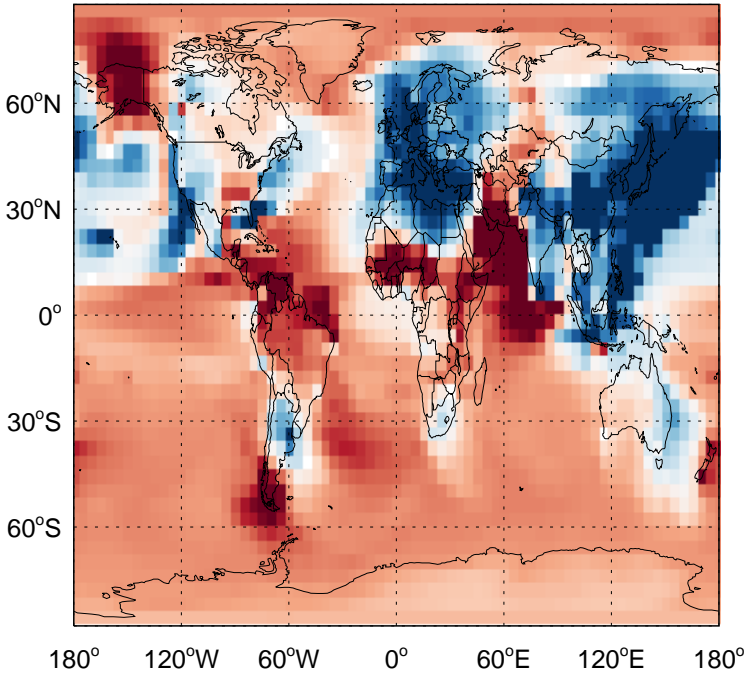


v11-02f-Run0 / v11-02e-Run0  
ISOA3/ Ratio @ 500 hPa for Jul

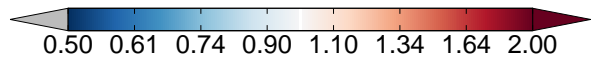
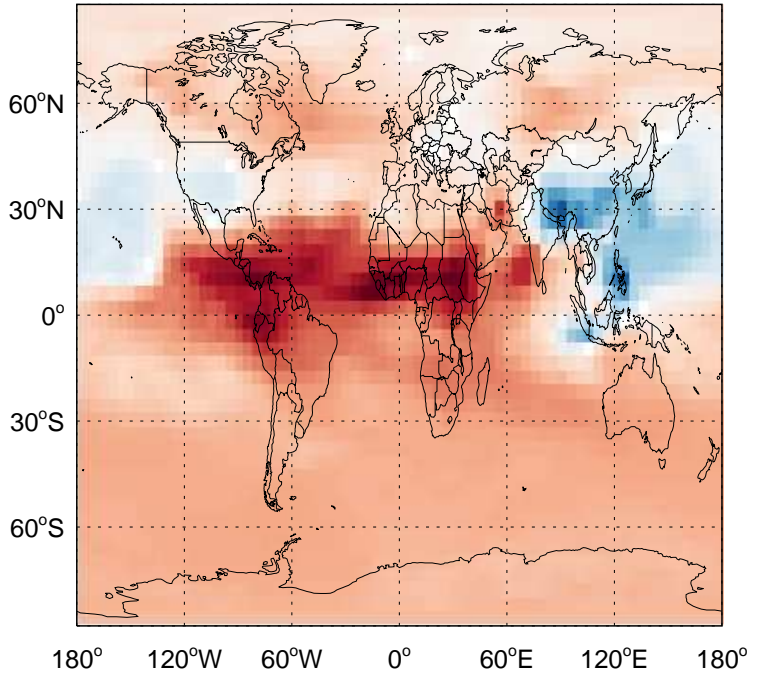


# GEOS-Chem Ratio Maps at surface and 500 hPa

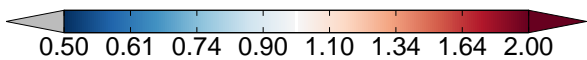
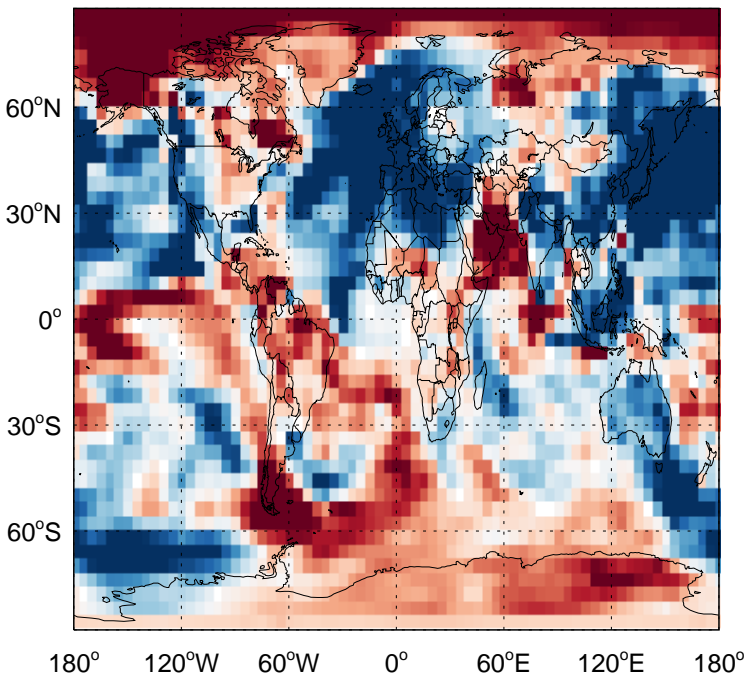
v11-02f-Run0 / v11-02e-Run1  
ASOG1 / Ratio @ Surface for Jul



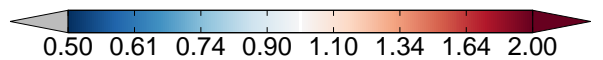
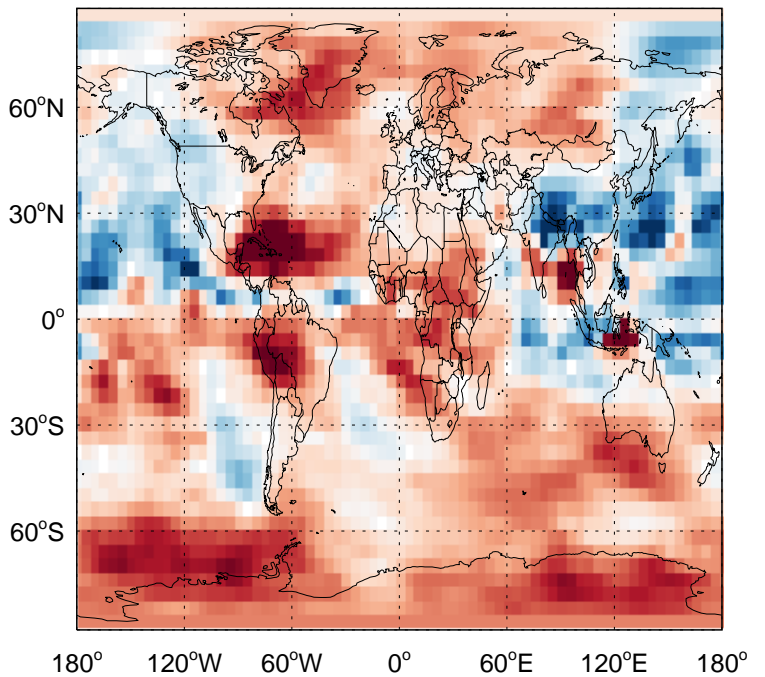
v11-02f-Run0 / v11-02e-Run1  
ASOG1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOG1 / Ratio @ Surface for Jul

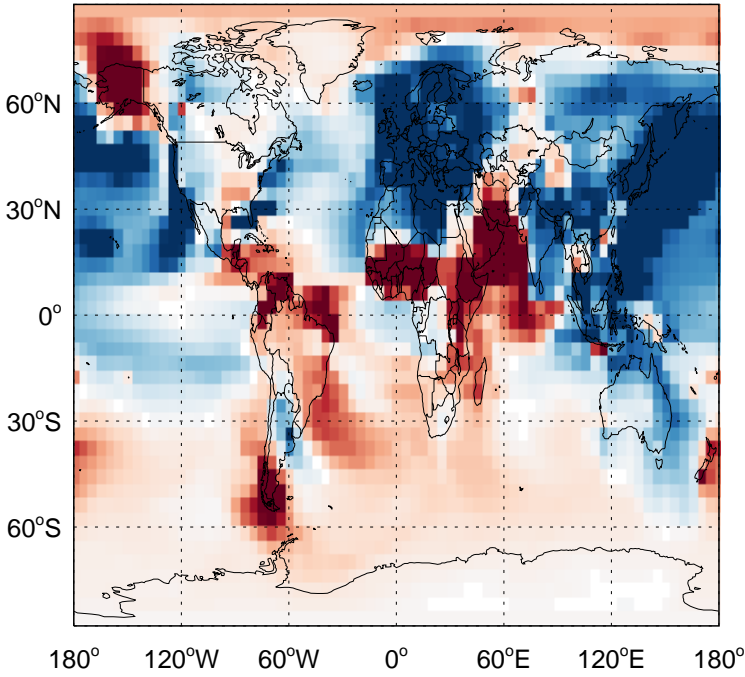


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ASOG1/ Ratio @ 500 hPa for Jul

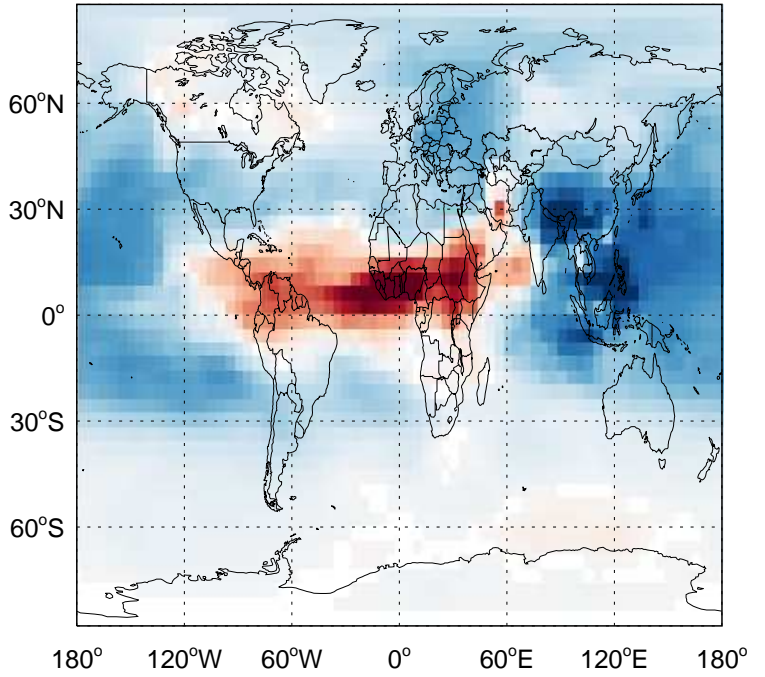


# GEOS-Chem Ratio Maps at surface and 500 hPa

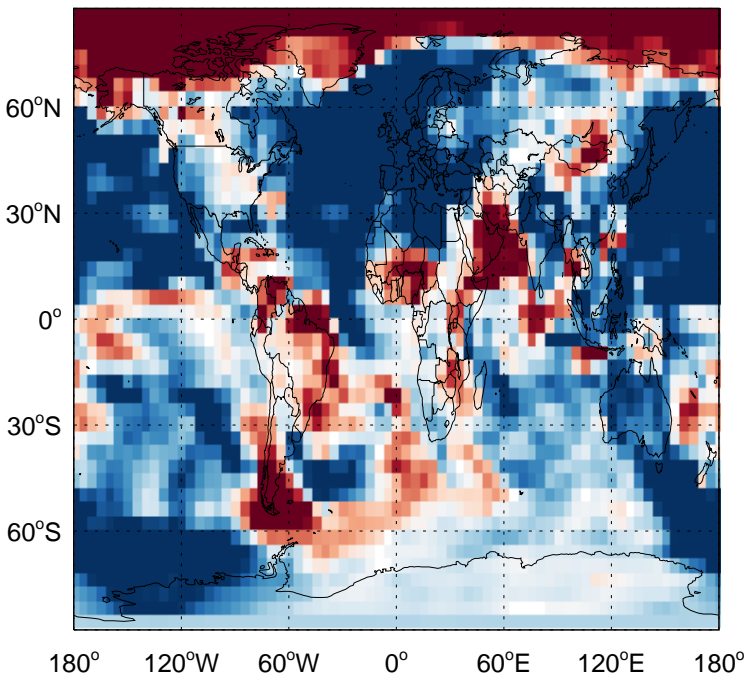
v11-02f-Run0 / v11-02e-Run1  
ASOG2 / Ratio @ Surface for Jul



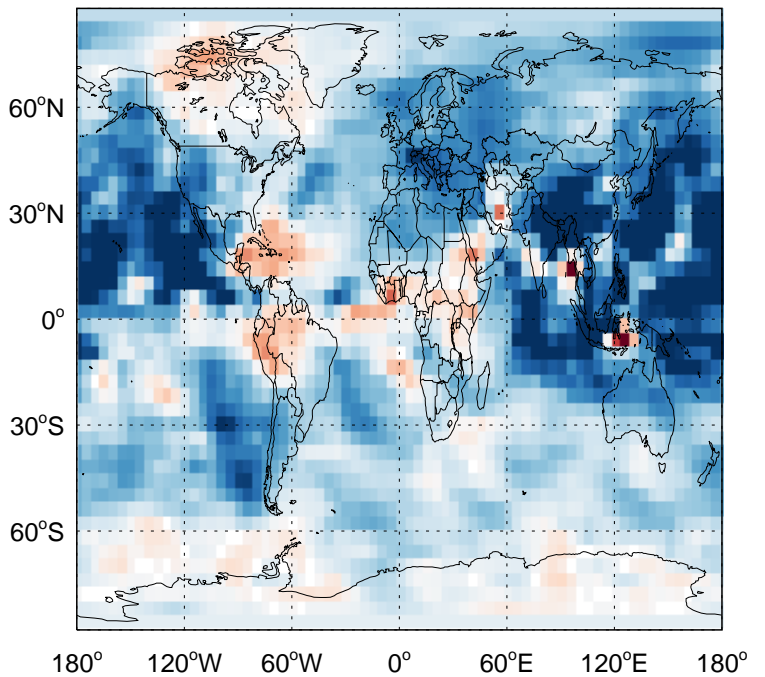
v11-02f-Run0 / v11-02e-Run1  
ASOG2 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOG2 / Ratio @ Surface for Jul



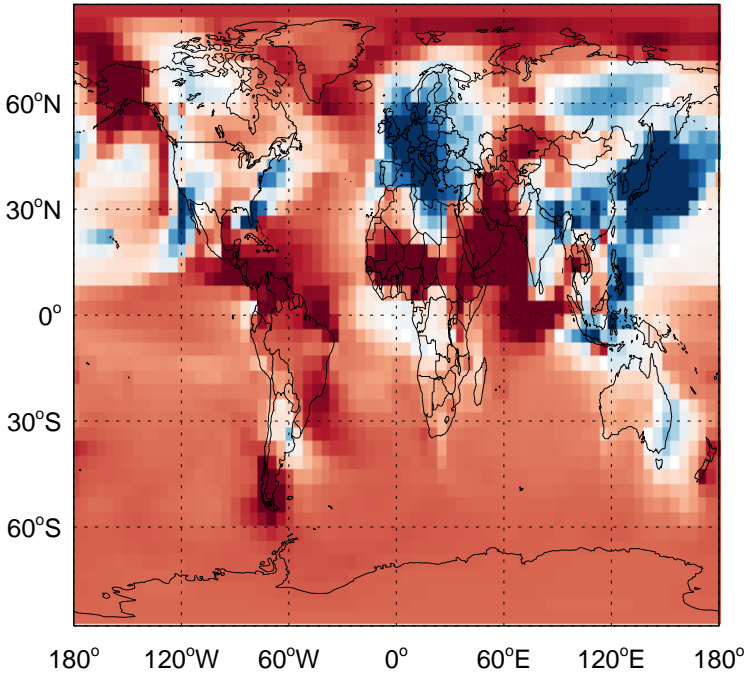
v11-02f-Run0 / v11-02e-Run0  
ASOG2 / Ratio @ 500 hPa for Jul



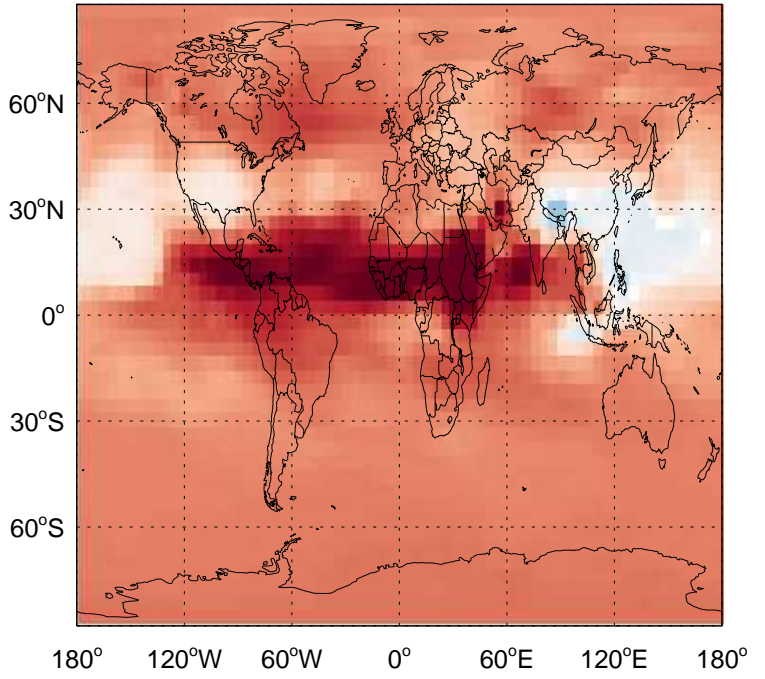


# GEOS-Chem Ratio Maps at surface and 500 hPa

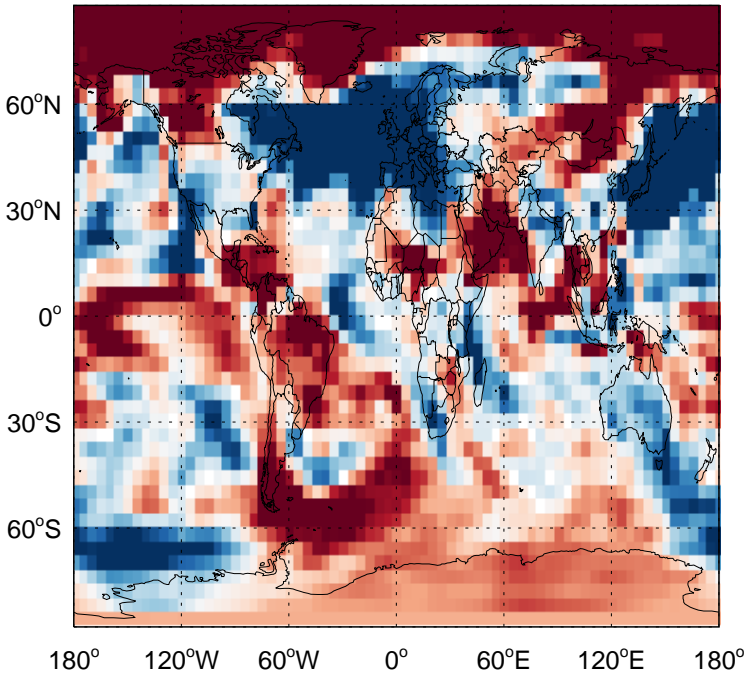
v11-02f-Run0 / v11-02e-Run1  
ASOG3 / Ratio @ Surface for Jul



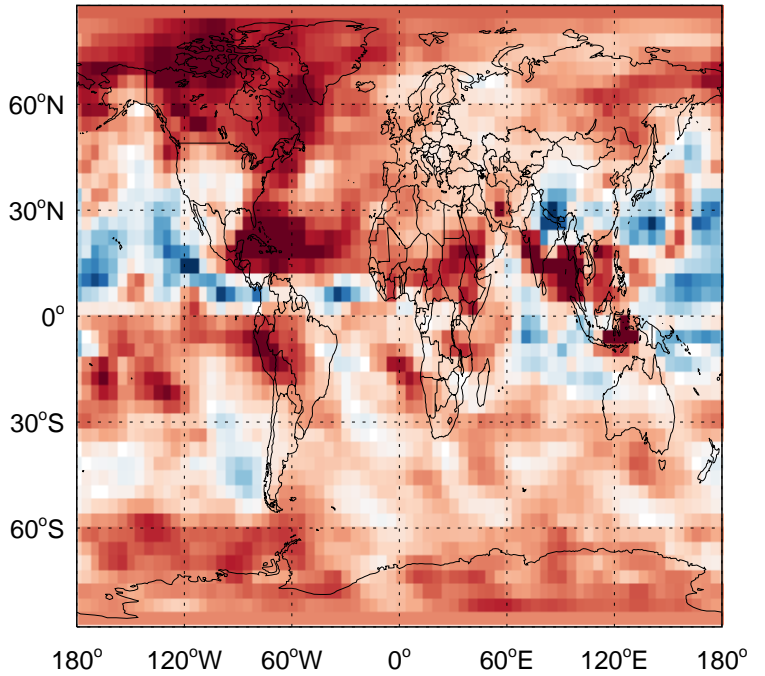
v11-02f-Run0 / v11-02e-Run1  
ASOG3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOG3 / Ratio @ Surface for Jul

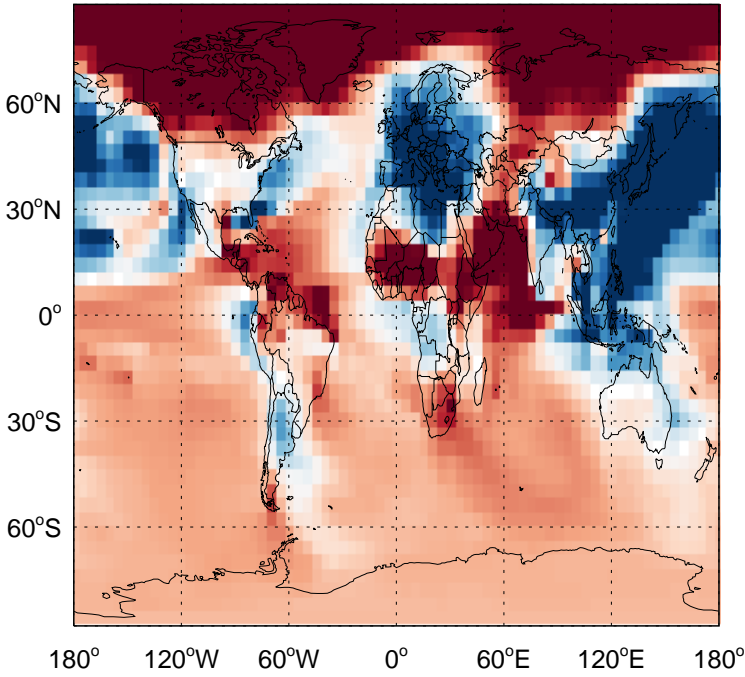


v11-02f-Run0 / v11-02e-Run0  
ASOG3/ Ratio @ 500 hPa for Jul

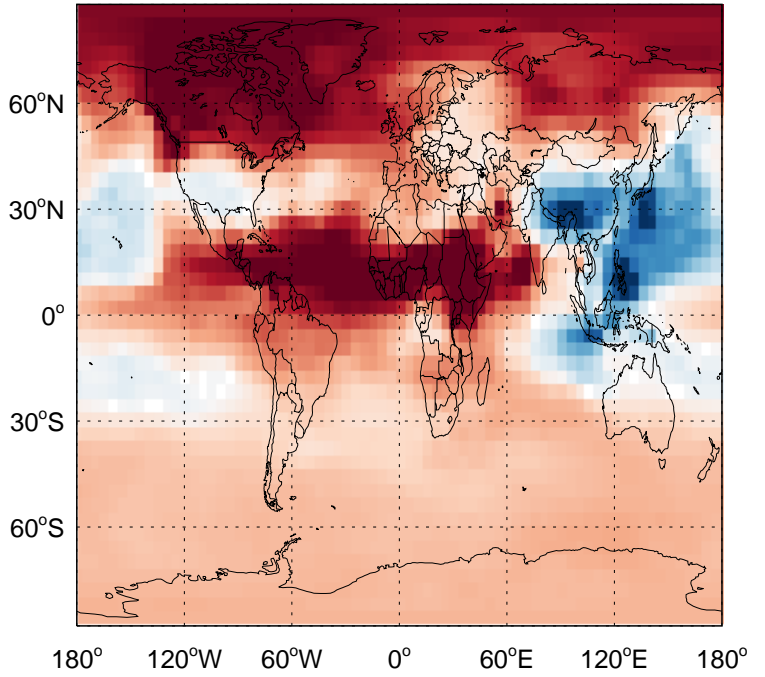


# GEOS-Chem Ratio Maps at surface and 500 hPa

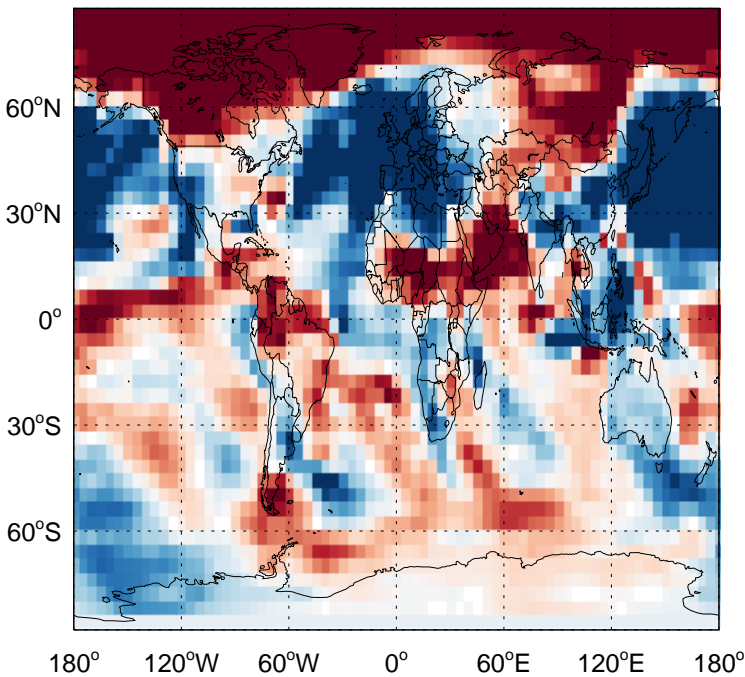
v11-02f-Run0 / v11-02e-Run1  
ASOAN / Ratio @ Surface for Jul



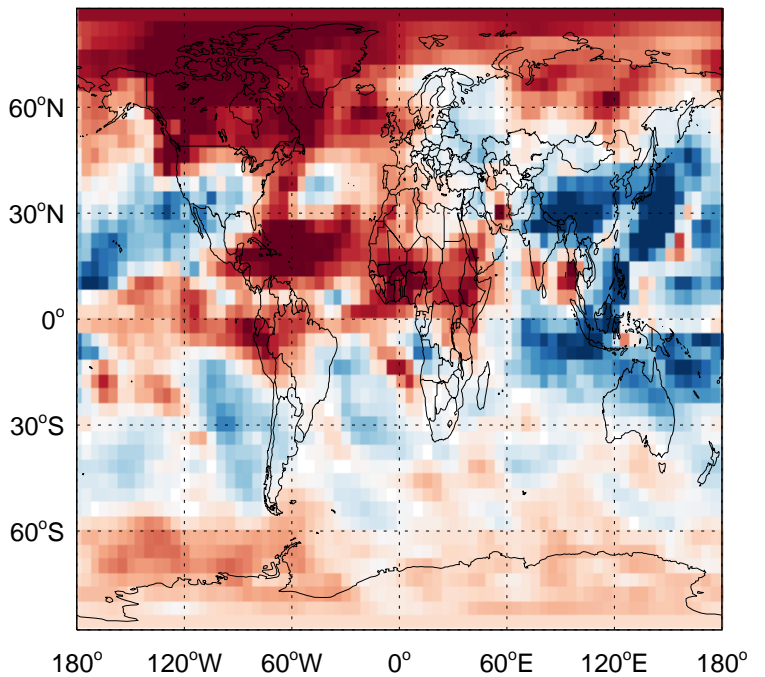
v11-02f-Run0 / v11-02e-Run1  
ASOAN / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOAN / Ratio @ Surface for Jul

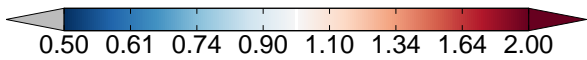
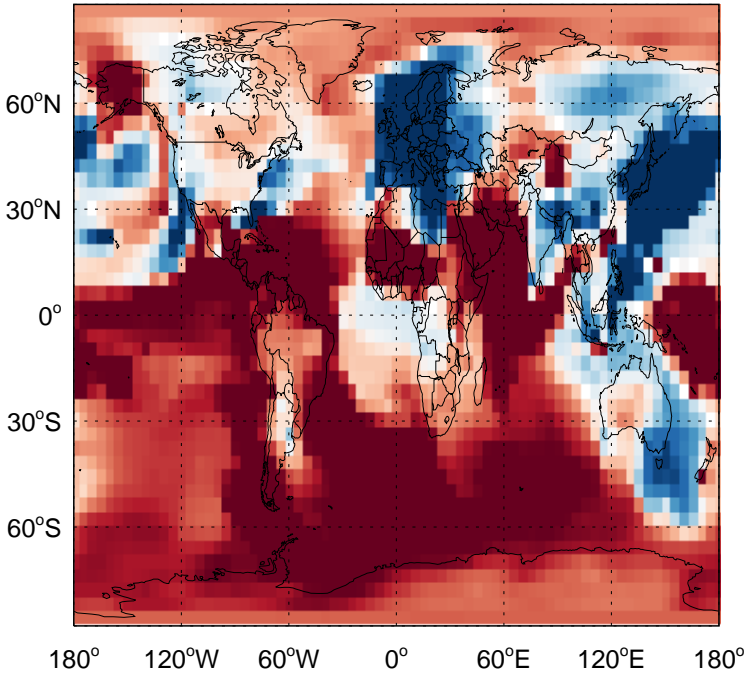


v11-02f-Run0 / v11-02e-Run0  
ASOAN / Ratio @ 500 hPa for Jul

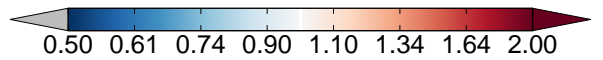
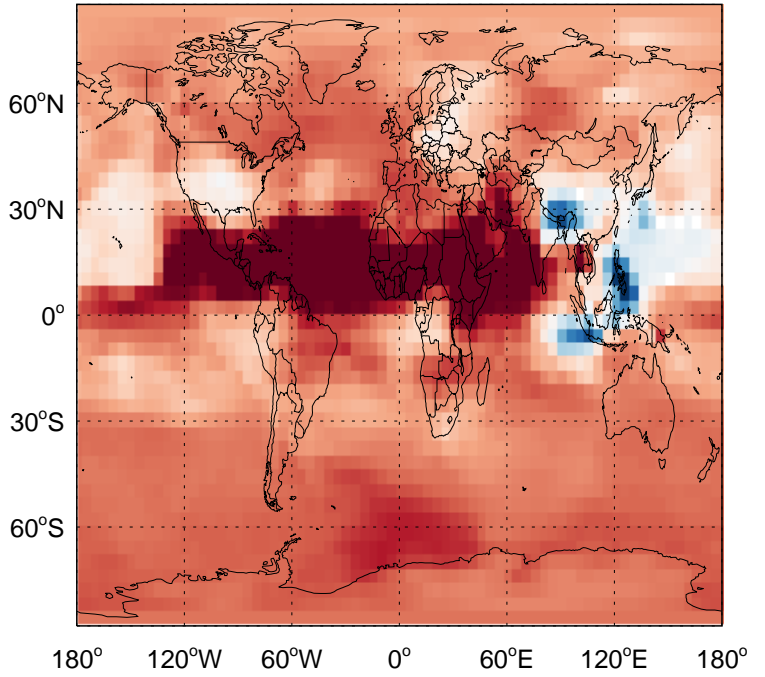


# GEOS-Chem Ratio Maps at surface and 500 hPa

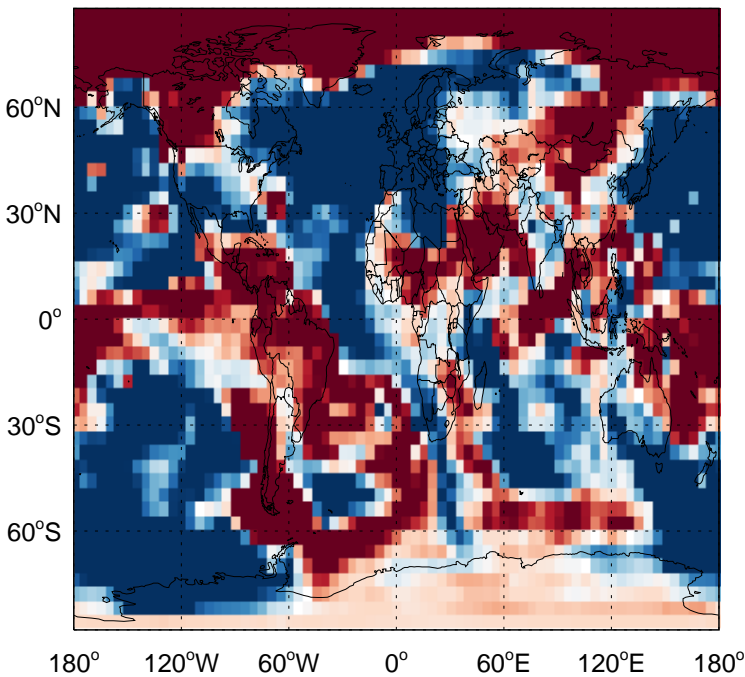
v11-02f-Run0 / v11-02e-Run1  
ASOA1 / Ratio @ Surface for Jul



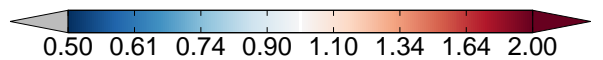
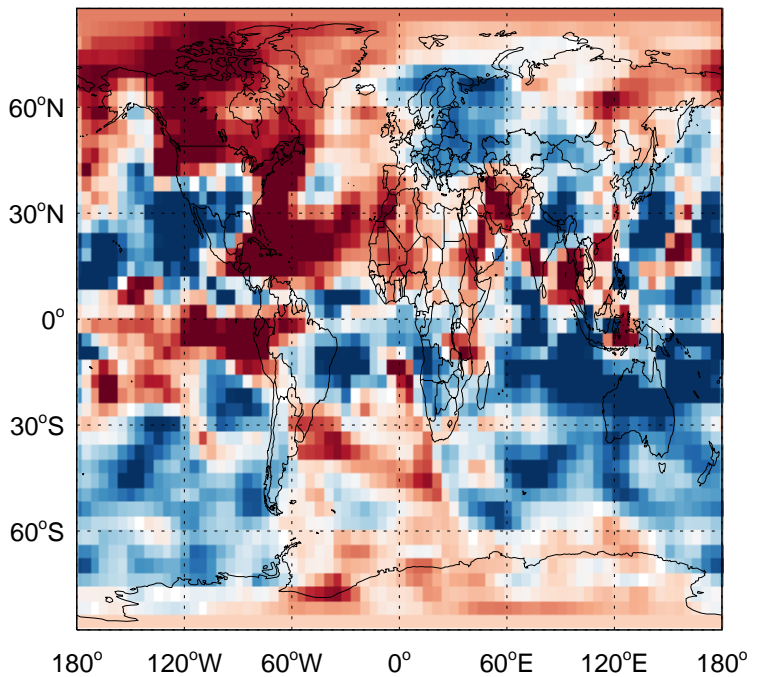
v11-02f-Run0 / v11-02e-Run1  
ASOA1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOA1 / Ratio @ Surface for Jul

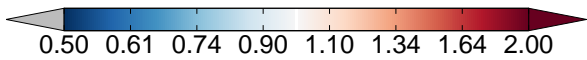
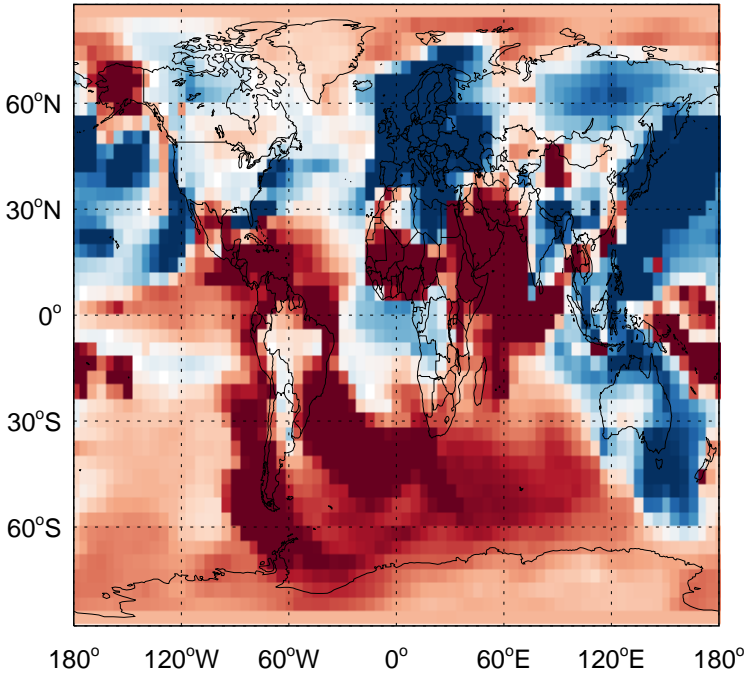


v11-02f-Run0 / v11-02e-Run0  
ASOA1/ Ratio @ 500 hPa for Jul

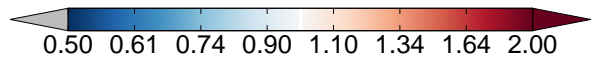
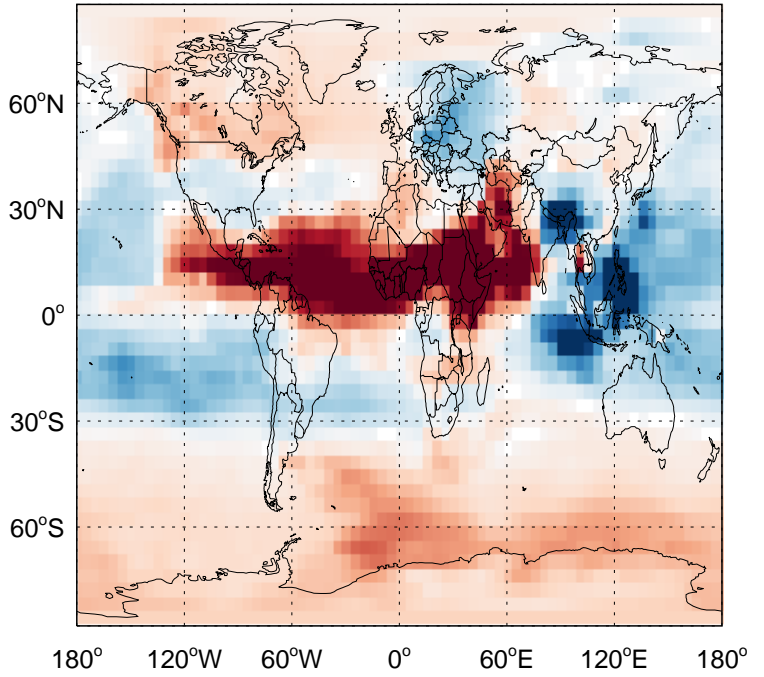


# GEOS-Chem Ratio Maps at surface and 500 hPa

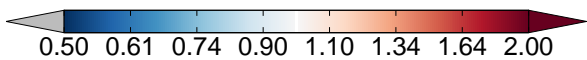
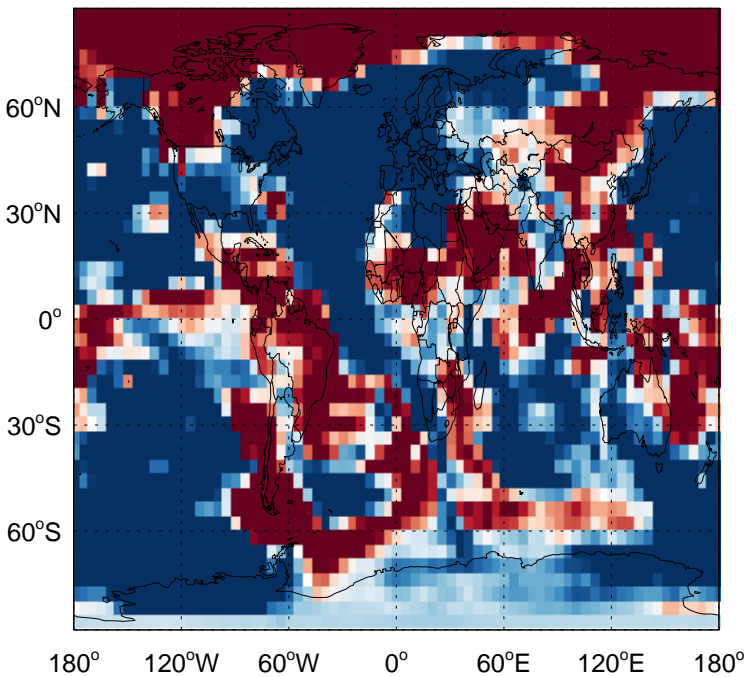
v11-02f-Run0 / v11-02e-Run1  
ASOA2 / Ratio @ Surface for Jul



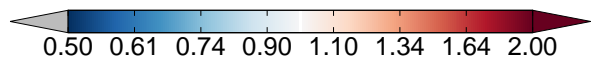
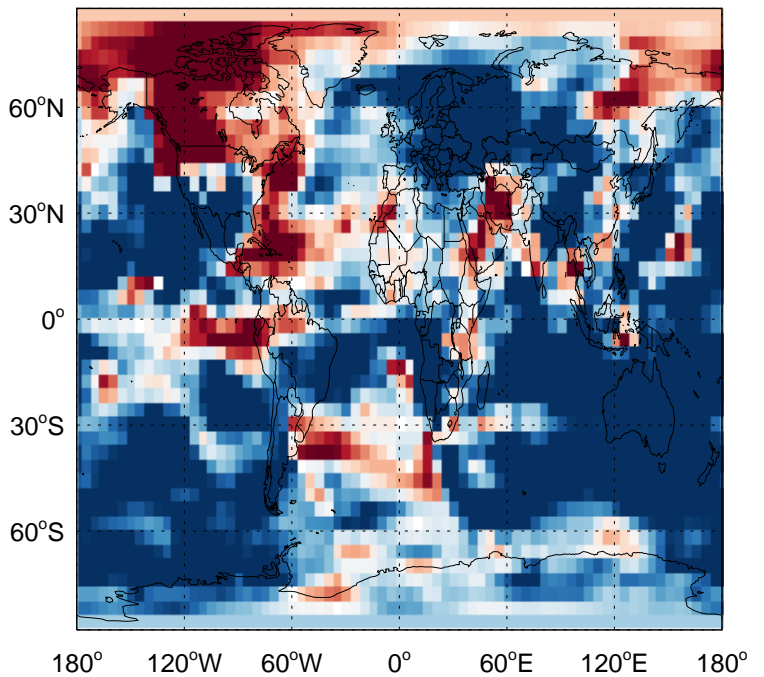
v11-02f-Run0 / v11-02e-Run1  
ASOA2 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOA2 / Ratio @ Surface for Jul

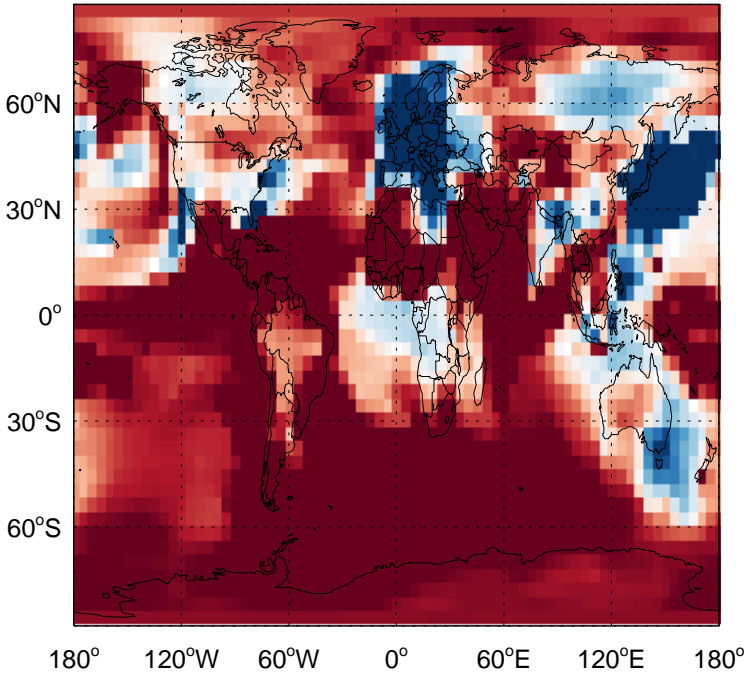


v11-02f-Run0 / v11-02e-Run0  
ASOA2 / Ratio @ 500 hPa for Jul

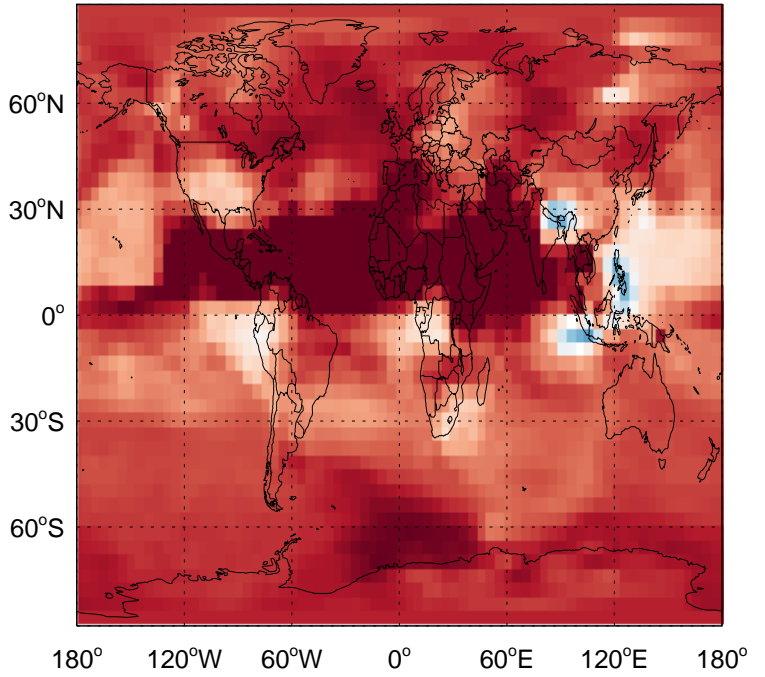


# GEOS-Chem Ratio Maps at surface and 500 hPa

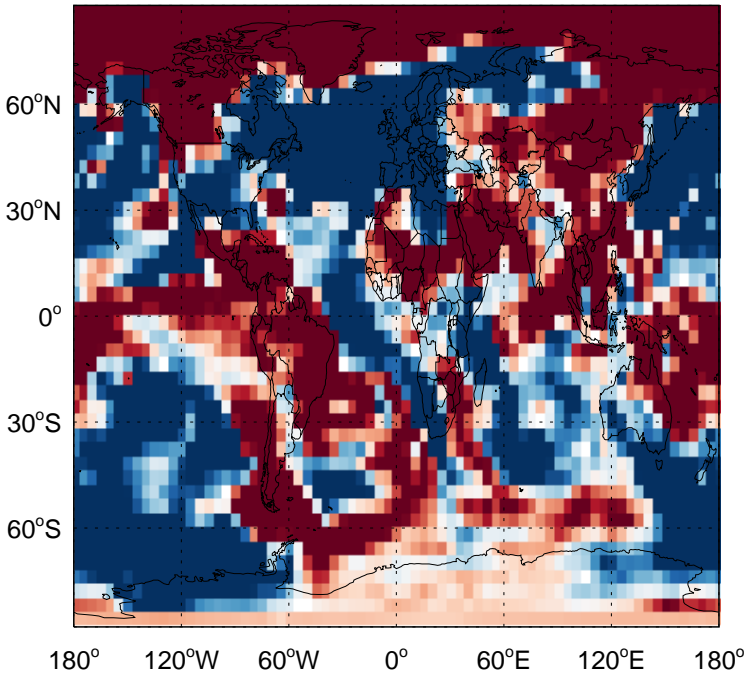
v11-02f-Run0 / v11-02e-Run1  
ASOA3 / Ratio @ Surface for Jul



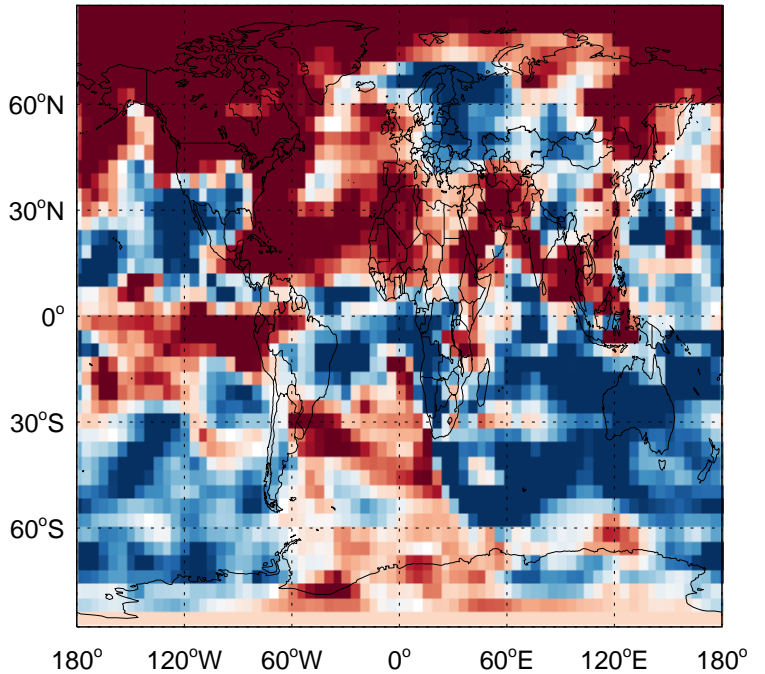
v11-02f-Run0 / v11-02e-Run1  
ASOA3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ASOA3 / Ratio @ Surface for Jul

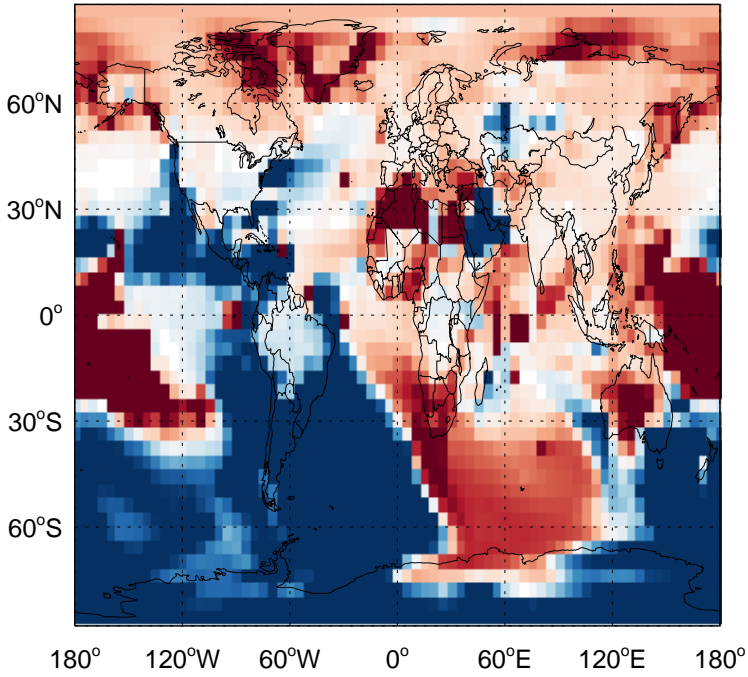


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ASOA3/ Ratio @ 500 hPa for Jul

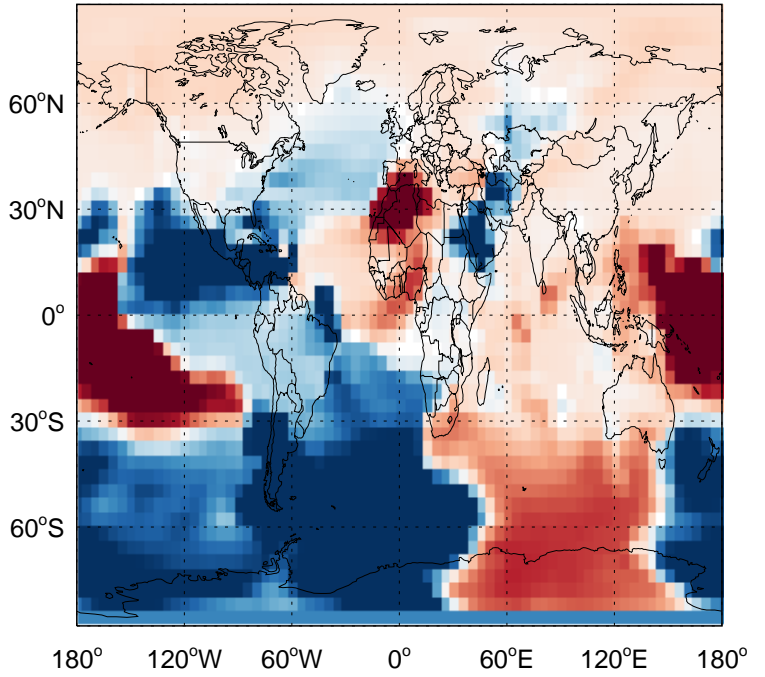


# GEOS-Chem Ratio Maps at surface and 500 hPa

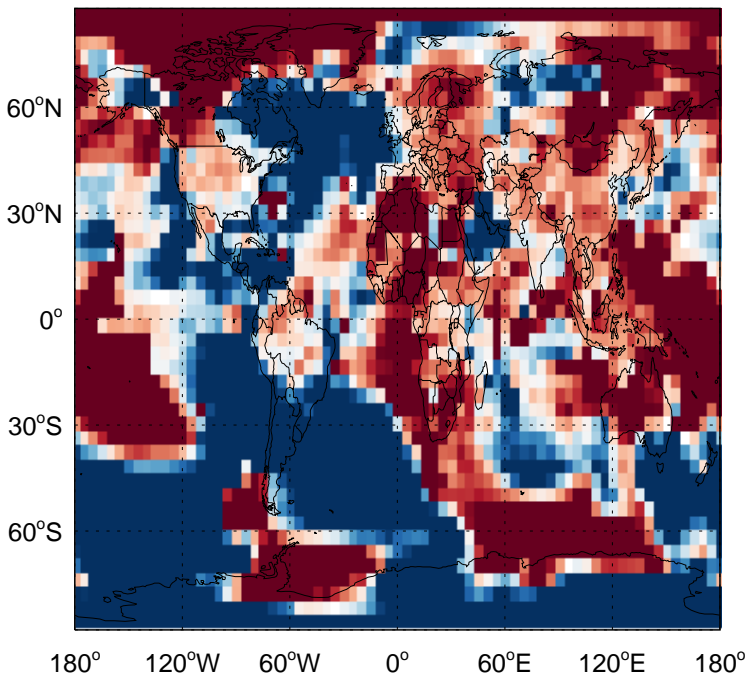
v11-02f-Run0 / v11-02e-Run1  
SOAP / Ratio @ Surface for Jul



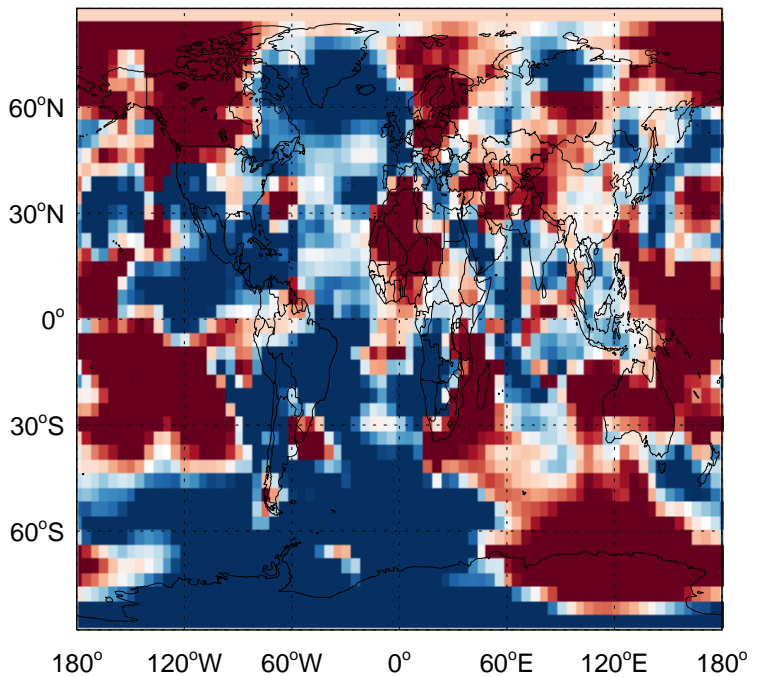
v11-02f-Run0 / v11-02e-Run1  
SOAP/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SOAP / Ratio @ Surface for Jul

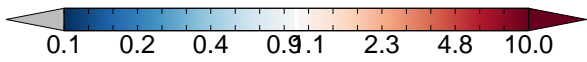
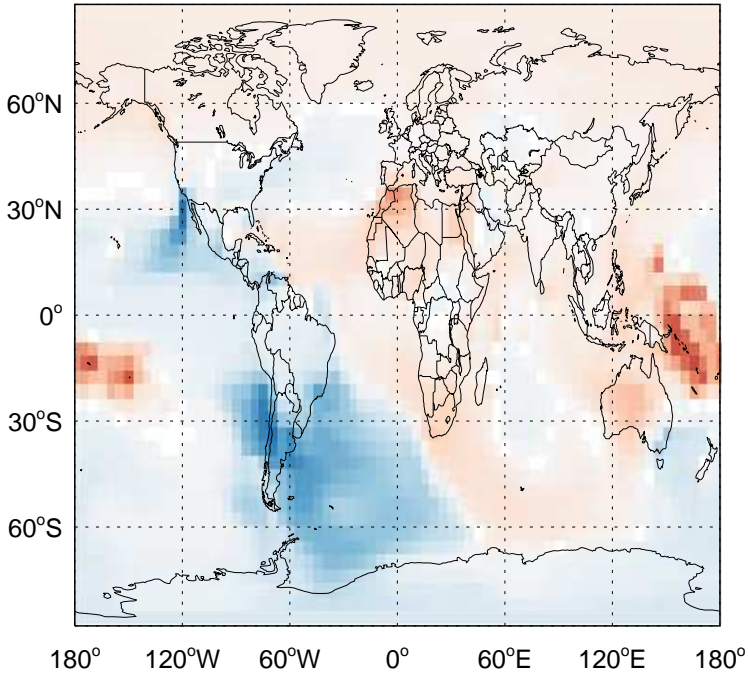


v11-02f-Run0 / v11-02e-Run0  
SOAP/ Ratio @ 500 hPa for Jul

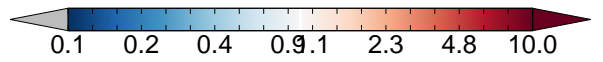
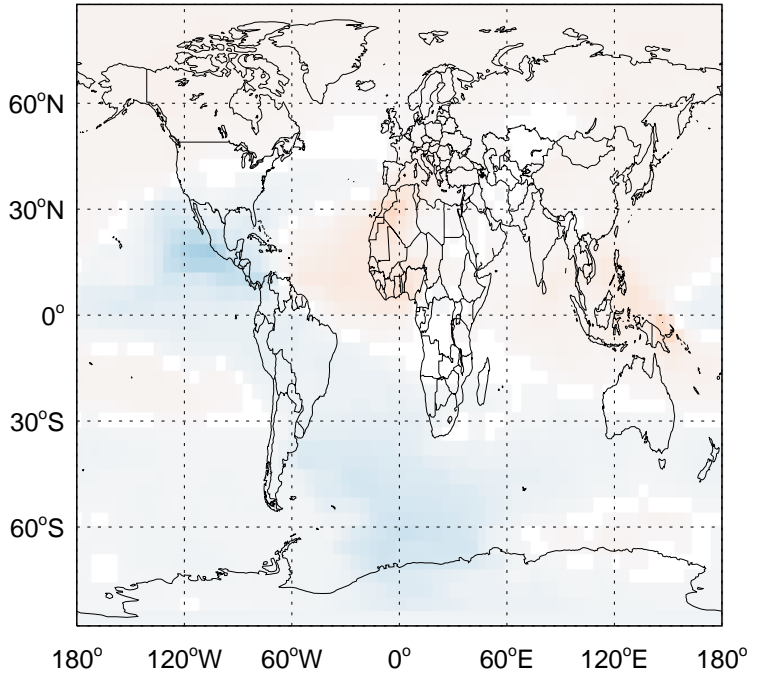


# GEOS-Chem Ratio Maps at surface and 500 hPa

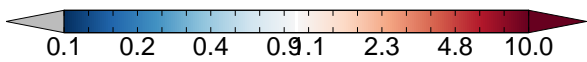
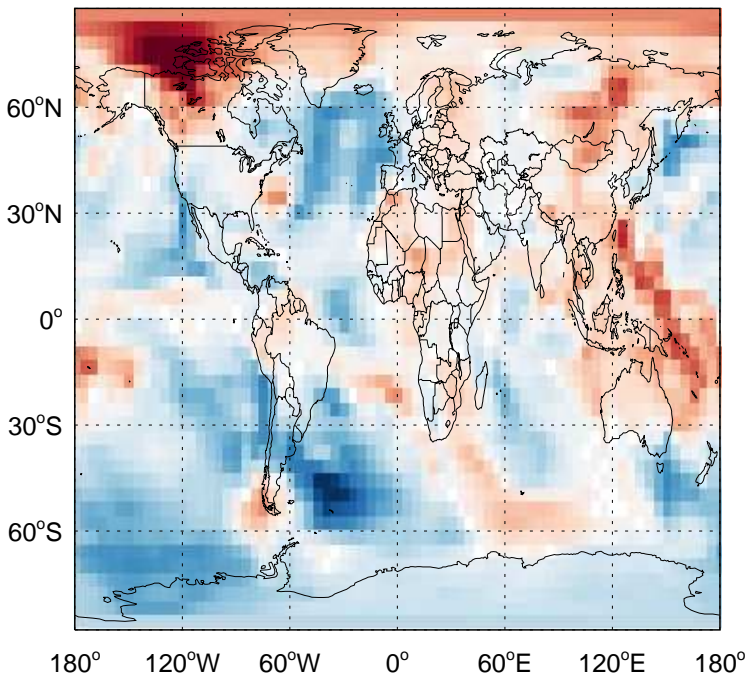
v11-02f-Run0 / v11-02e-Run1  
SOAS / Ratio @ Surface for Jul



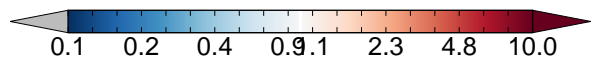
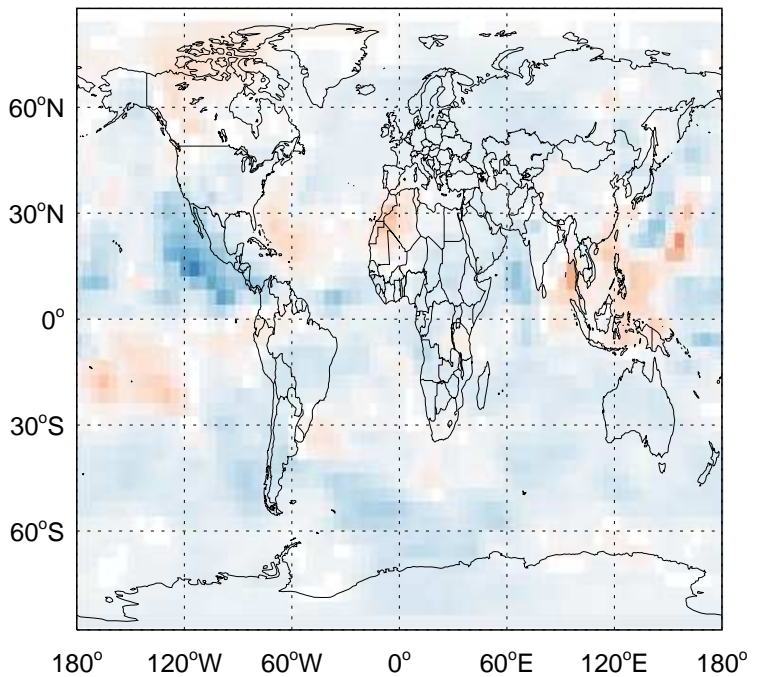
v11-02f-Run0 / v11-02e-Run1  
SOAS/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SOAS / Ratio @ Surface for Jul

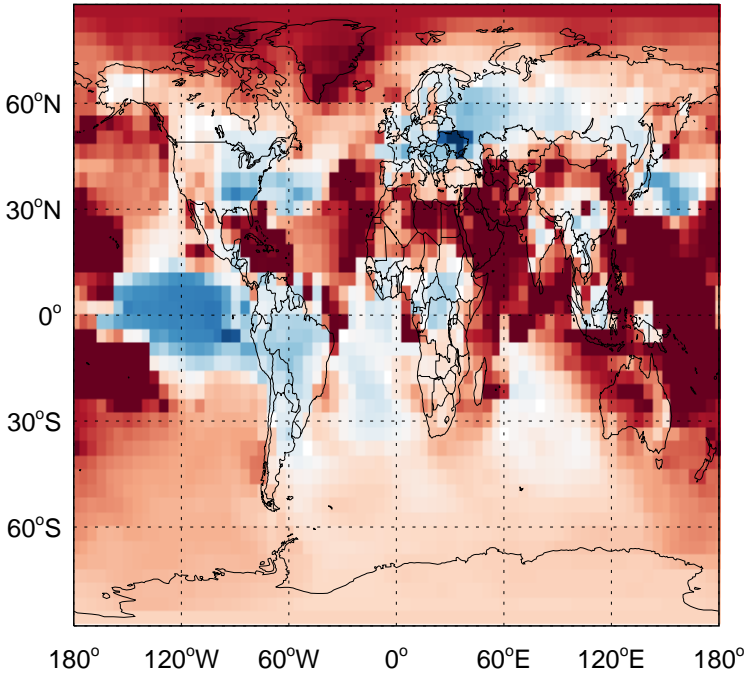


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SOAS/ Ratio @ 500 hPa for Jul

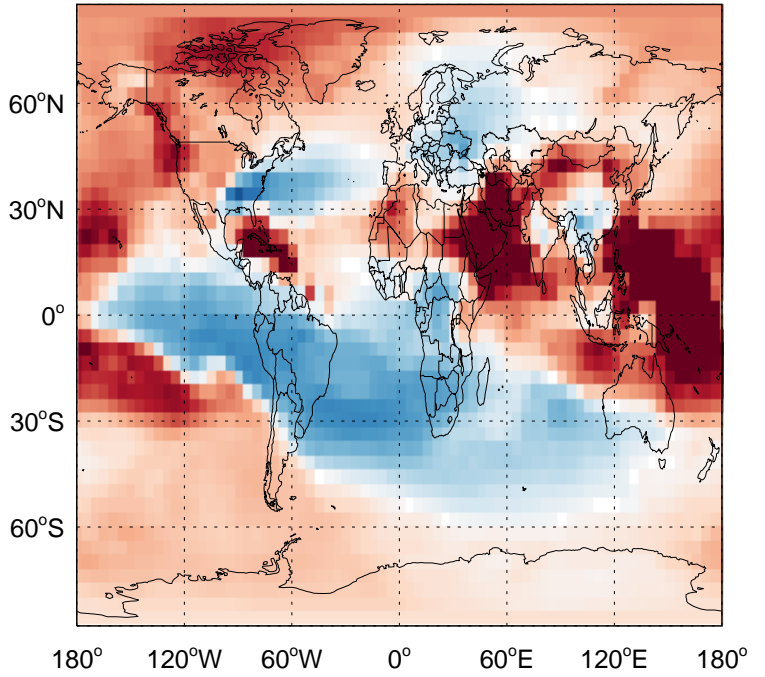


# GEOS-Chem Ratio Maps at surface and 500 hPa

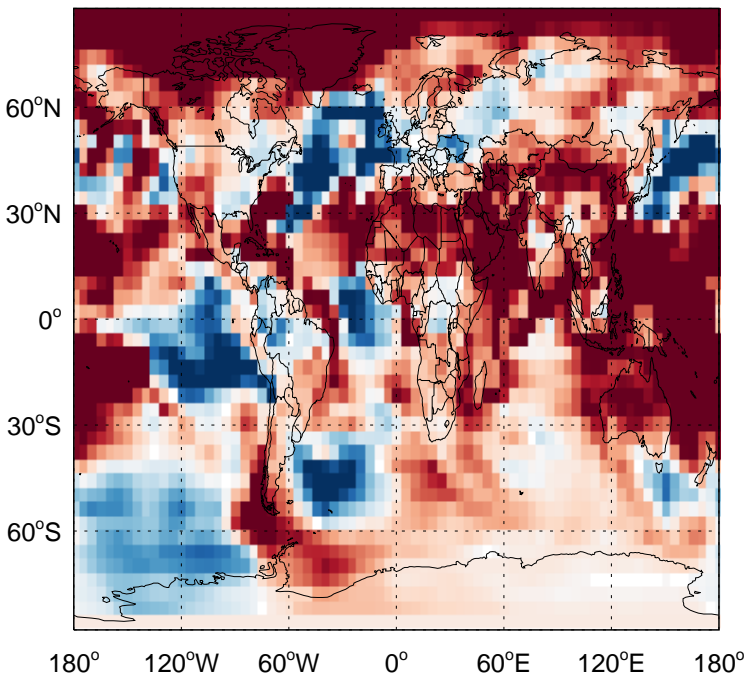
v11-02f-Run0 / v11-02e-Run1  
EOH / Ratio @ Surface for Jul



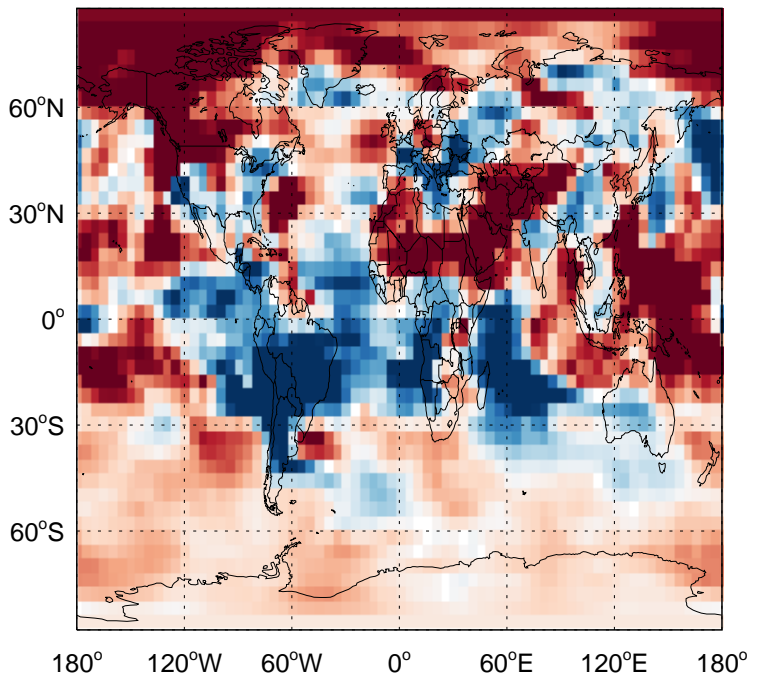
v11-02f-Run0 / v11-02e-Run1  
EOH / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
EOH / Ratio @ Surface for Jul



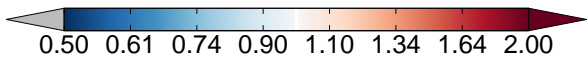
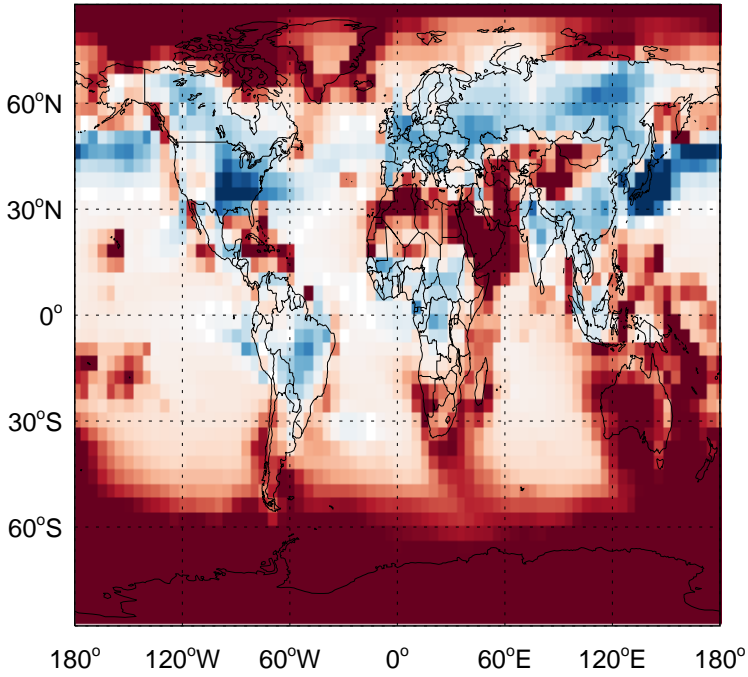
v11-02f-Run0 / v11-02e-Run0  
EOH / Ratio @ 500 hPa for Jul



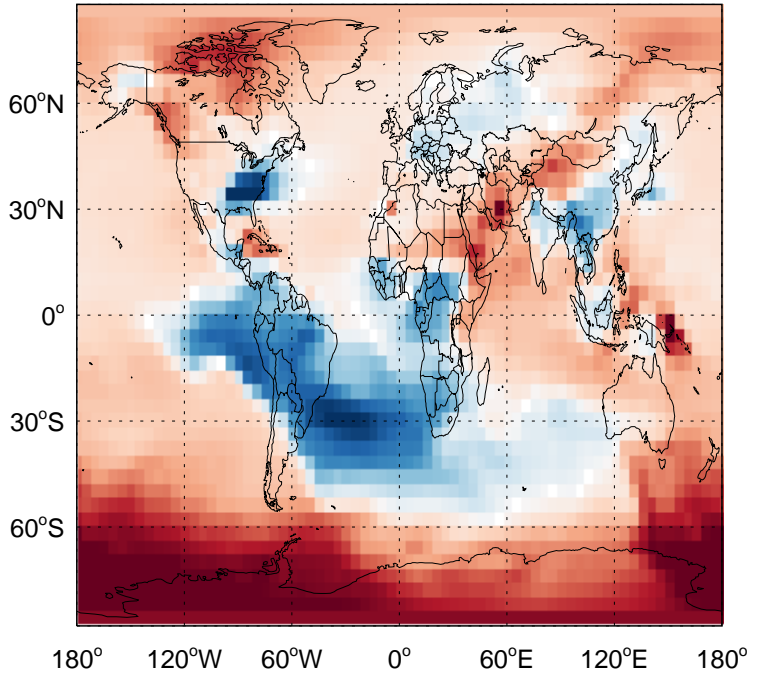


# GEOS-Chem Ratio Maps at surface and 500 hPa

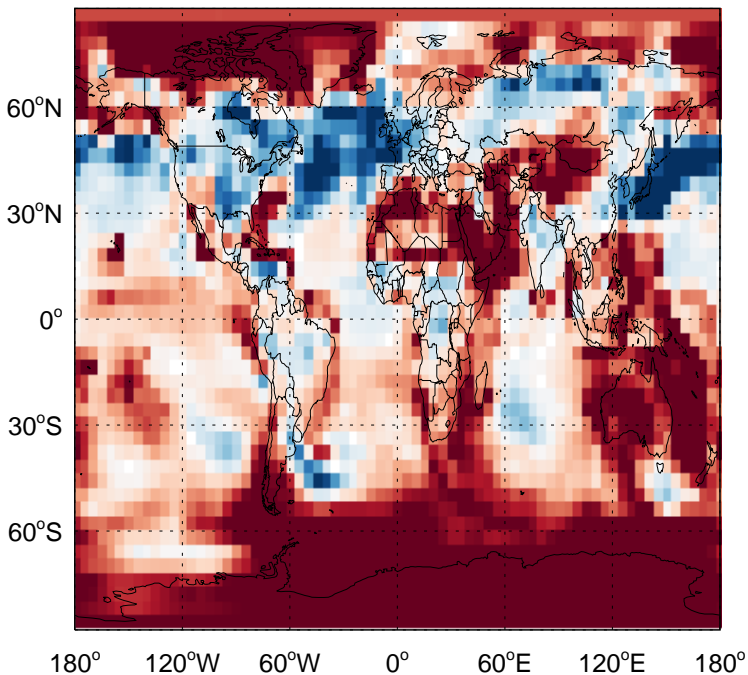
v11-02f-Run0 / v11-02e-Run1  
MGLY / Ratio @ Surface for Jul



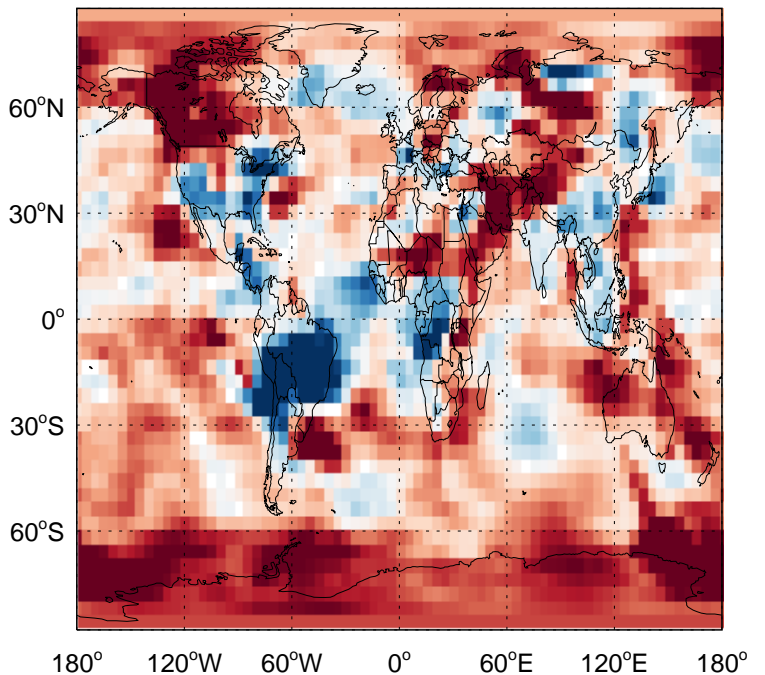
v11-02f-Run0 / v11-02e-Run1  
MGLY/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MGLY / Ratio @ Surface for Jul

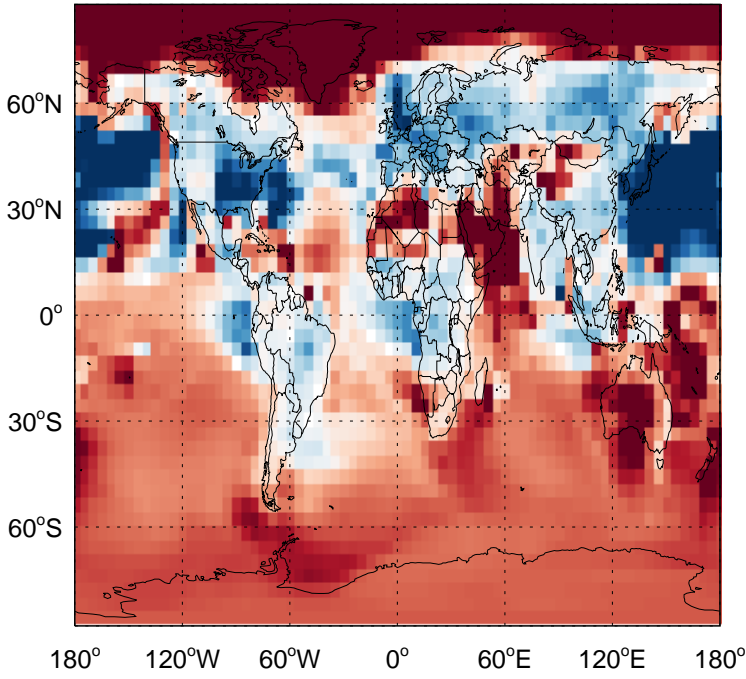


v11-02f-Run0 / v11-02e-Run0  
MGLY/ Ratio @ 500 hPa for Jul

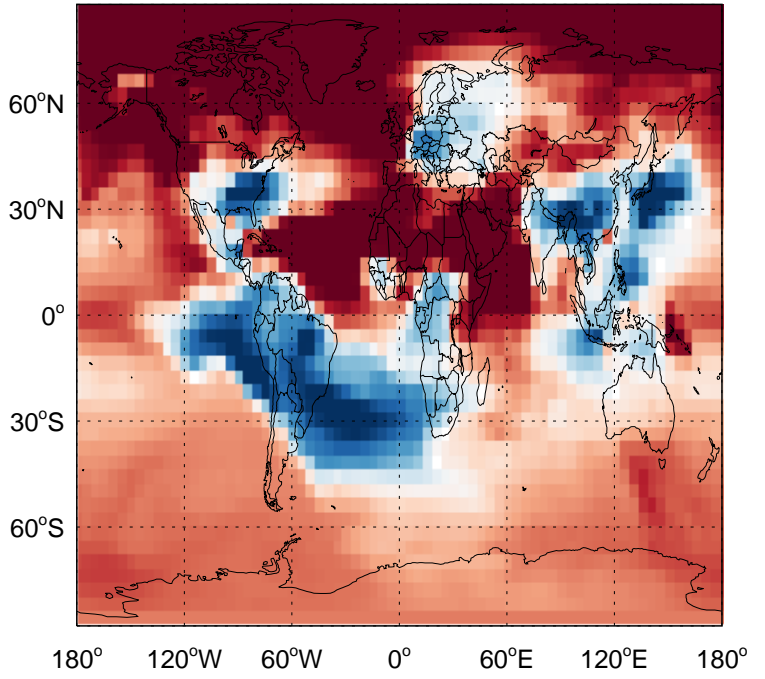


# GEOS-Chem Ratio Maps at surface and 500 hPa

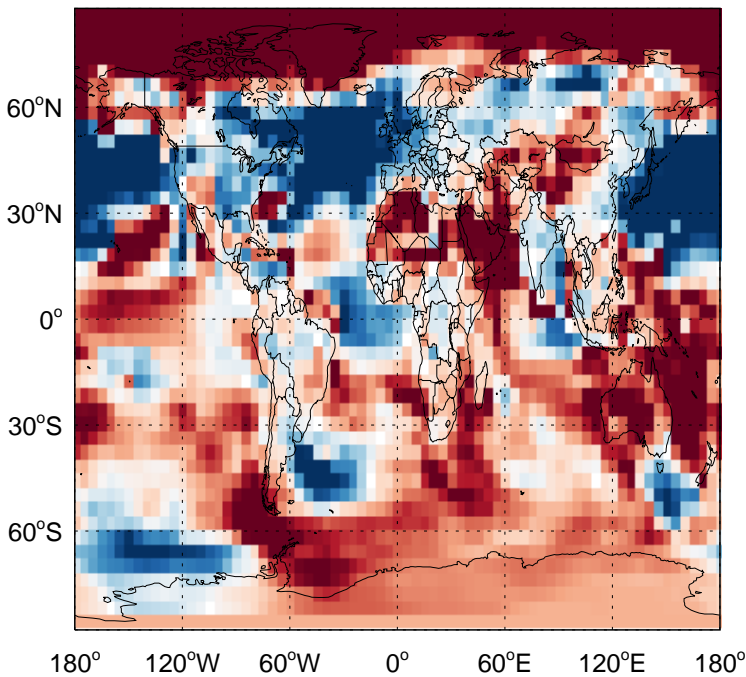
v11-02f-Run0 / v11-02e-Run1  
GLYX / Ratio @ Surface for Jul



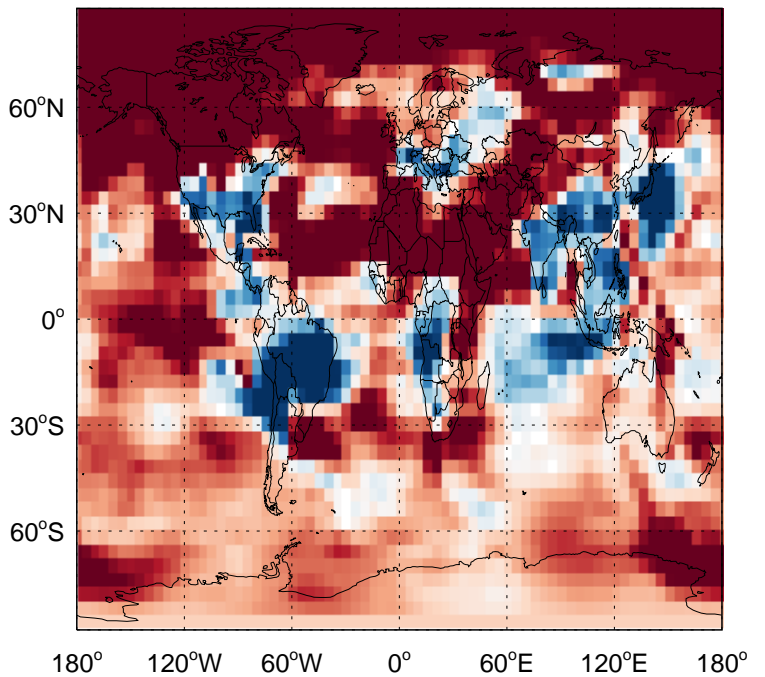
v11-02f-Run0 / v11-02e-Run1  
GLYX/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
GLYX / Ratio @ Surface for Jul

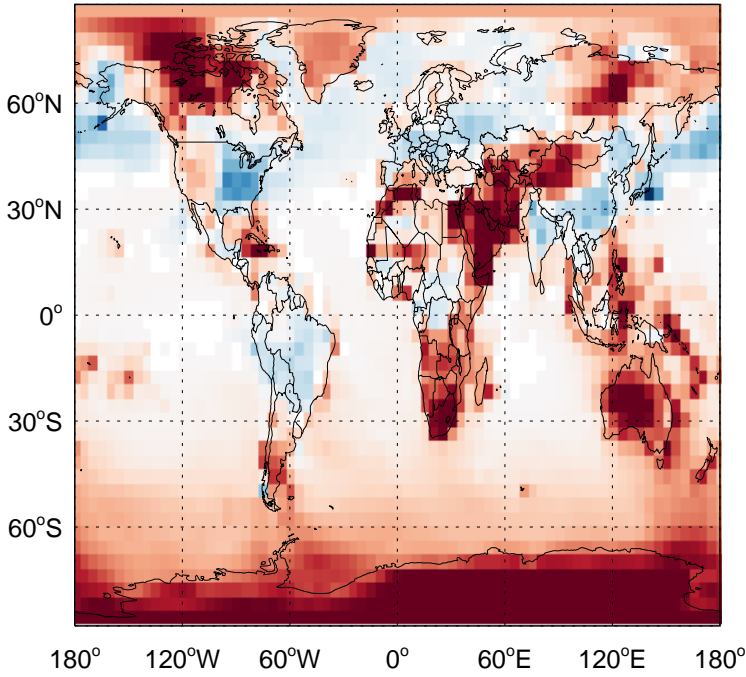


v11-02f-Run0 / v11-02e-Run0  
GLYX/ Ratio @ 500 hPa for Jul

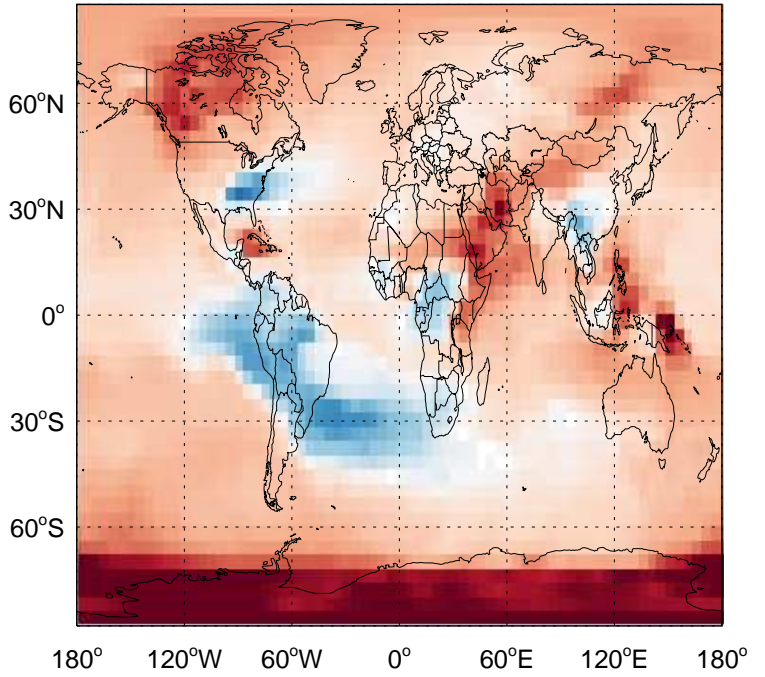


# GEOS-Chem Ratio Maps at surface and 500 hPa

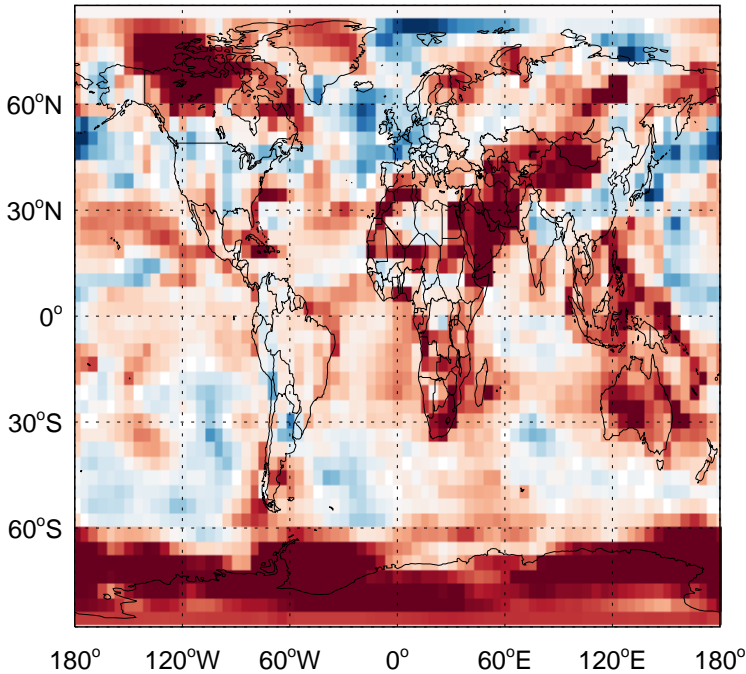
v11-02f-Run0 / v11-02e-Run1  
ACTA / Ratio @ Surface for Jul



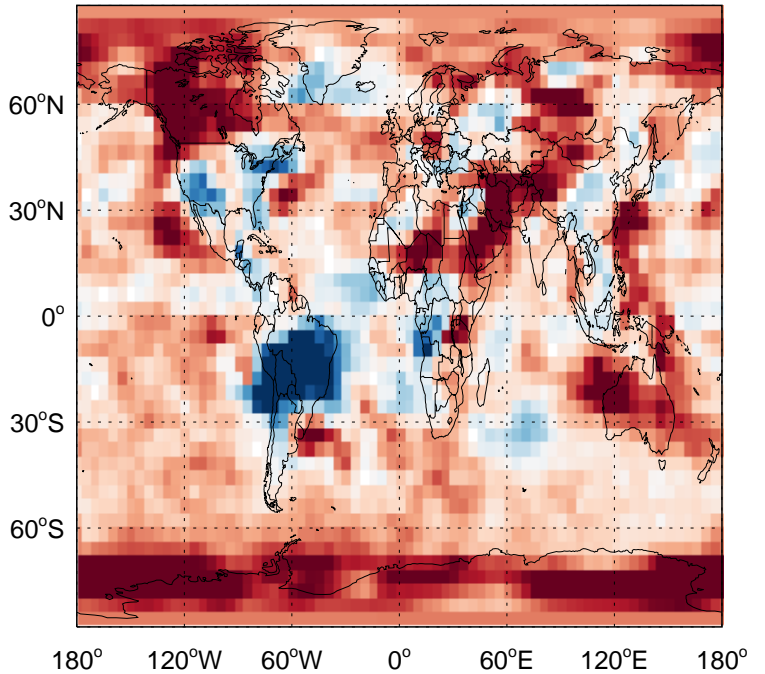
v11-02f-Run0 / v11-02e-Run1  
ACTA / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ACTA / Ratio @ Surface for Jul

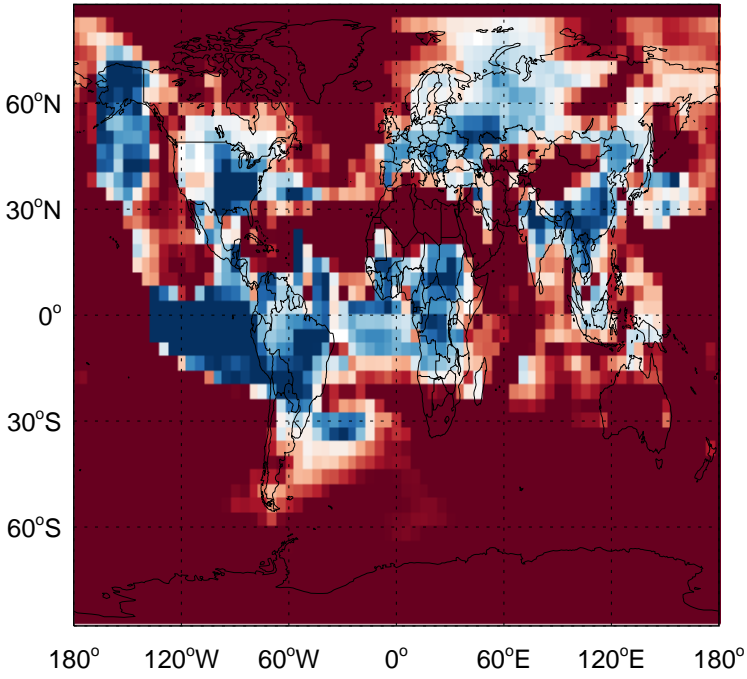


v11-02f-Run0 / v11-02e-Run0  
ACTA / Ratio @ 500 hPa for Jul

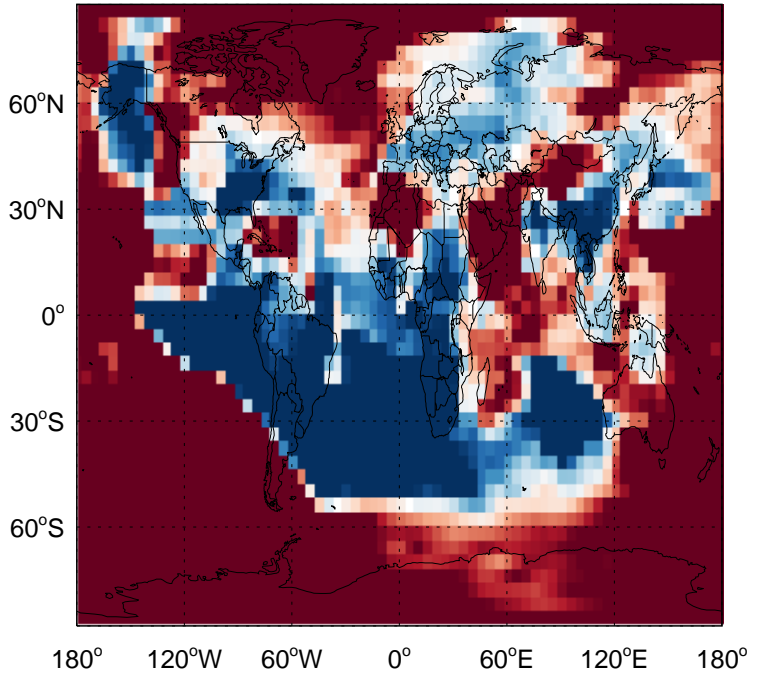


# GEOS-Chem Ratio Maps at surface and 500 hPa

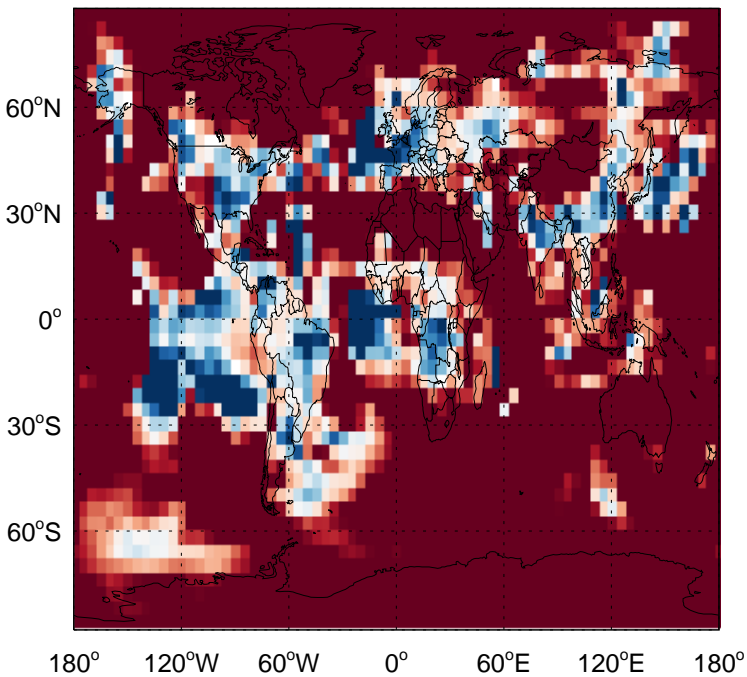
v11-02f-Run0 / v11-02e-Run1  
HPALD / Ratio @ Surface for Jul



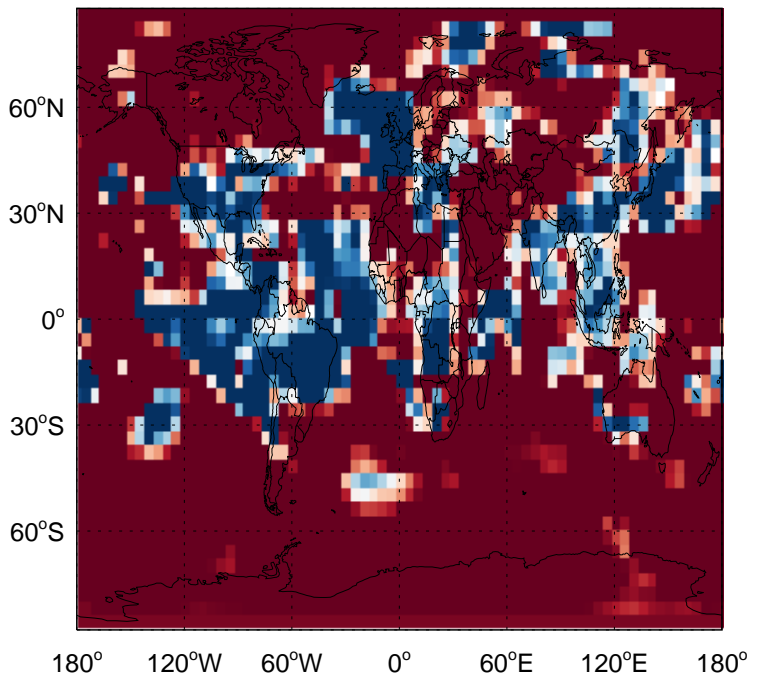
v11-02f-Run0 / v11-02e-Run1  
HPALD/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HPALD / Ratio @ Surface for Jul

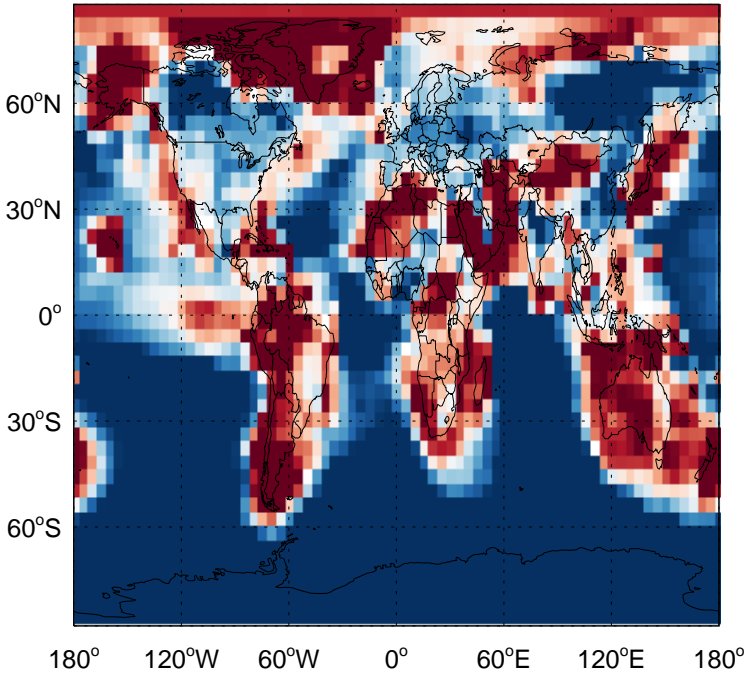


v11-02f-Run0 / v11-02e-Run0  
HPALD/ Ratio @ 500 hPa for Jul

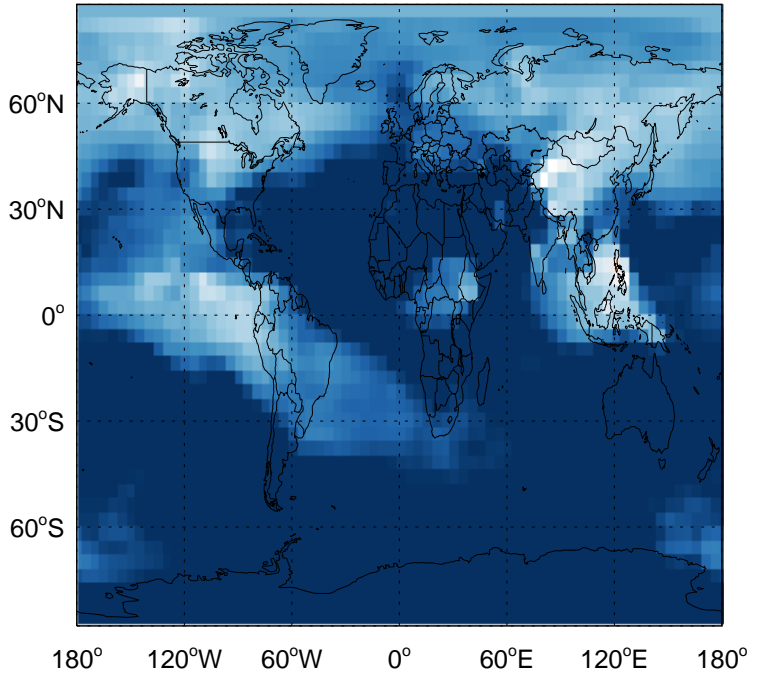


# GEOS-Chem Ratio Maps at surface and 500 hPa

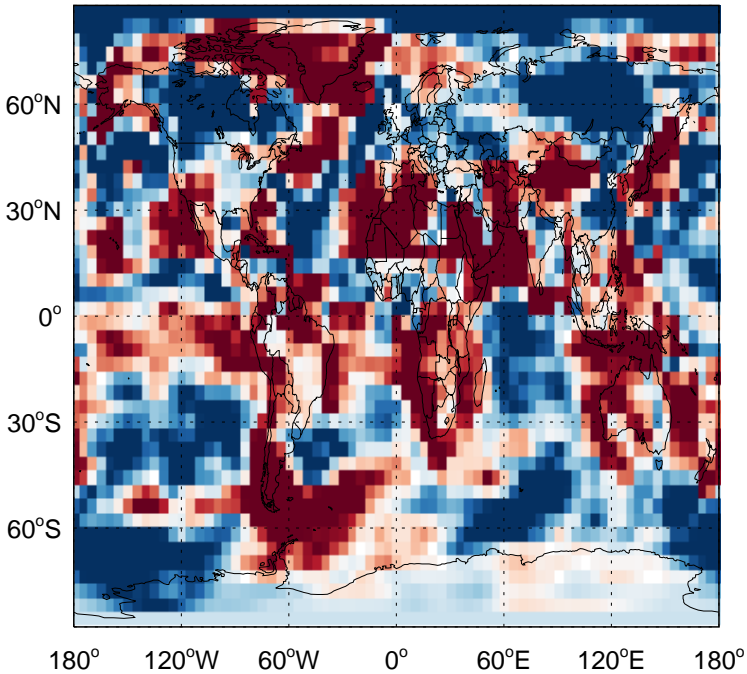
v11-02f-Run0 / v11-02e-Run1  
DHDN / Ratio @ Surface for Jul



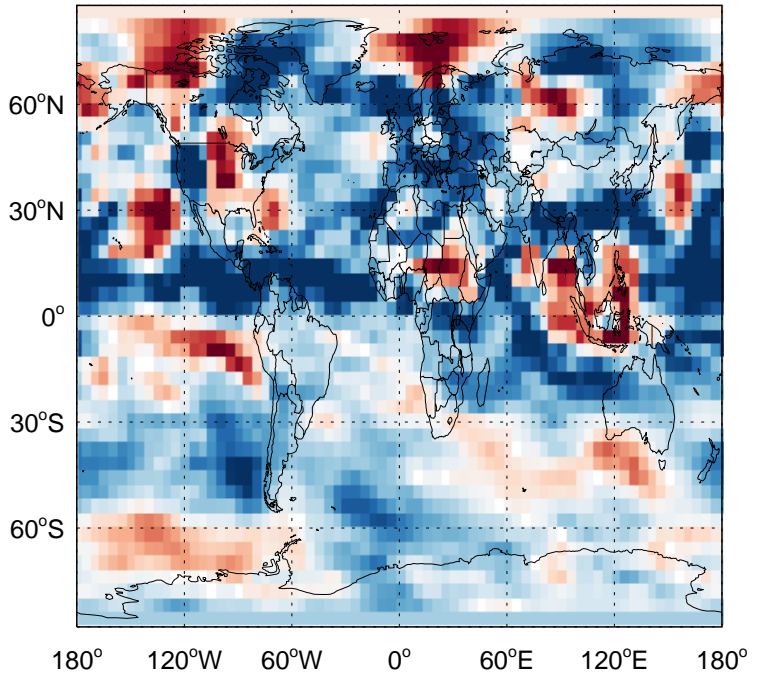
v11-02f-Run0 / v11-02e-Run1  
DHDN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
DHDN / Ratio @ Surface for Jul

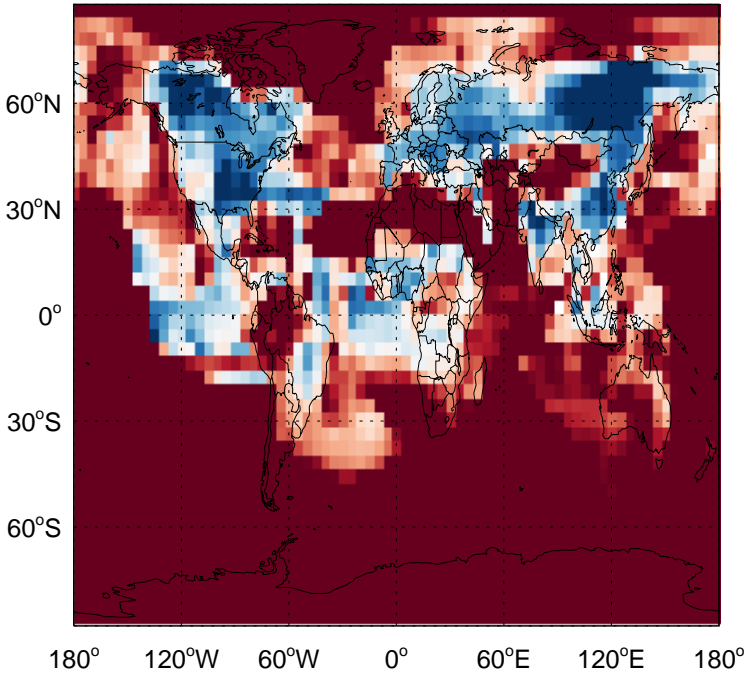


v11-02f-Run0 / v11-02e-Run0  
DHDN/ Ratio @ 500 hPa for Jul

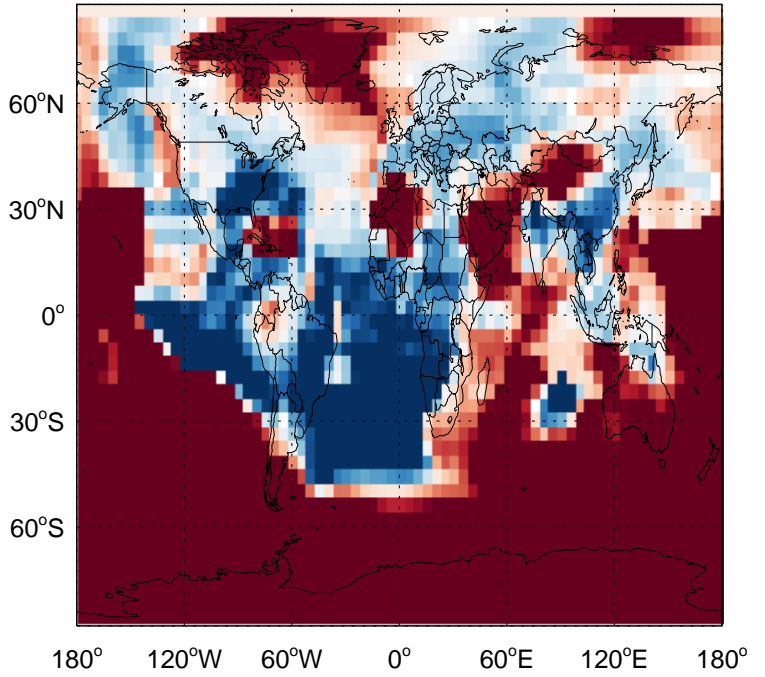


# GEOS-Chem Ratio Maps at surface and 500 hPa

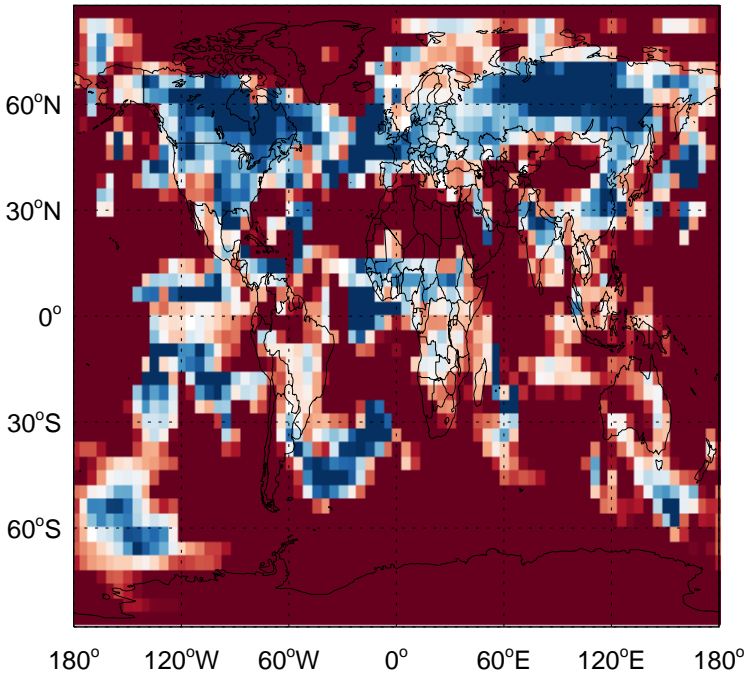
v11-02f-Run0 / v11-02e-Run1  
ETHLN / Ratio @ Surface for Jul



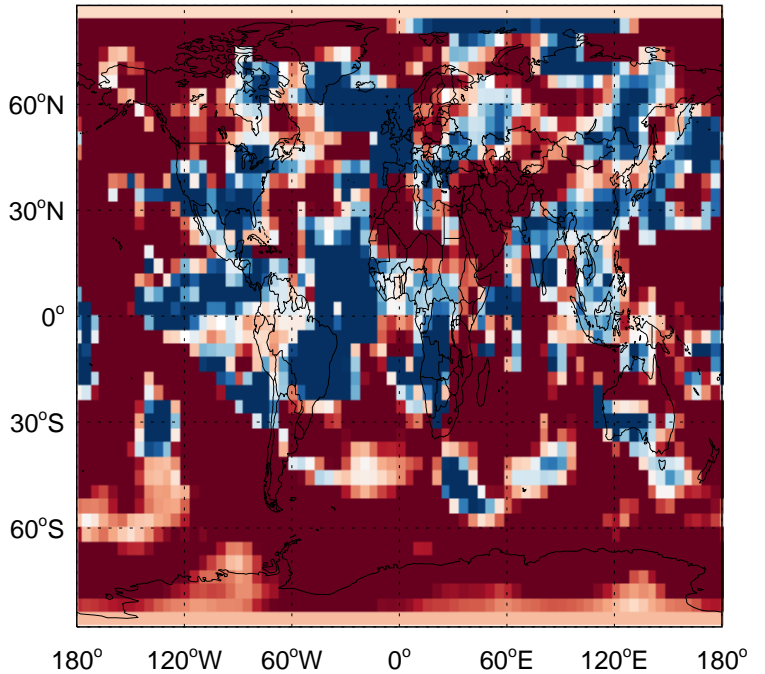
v11-02f-Run0 / v11-02e-Run1  
ETHLN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ETHLN / Ratio @ Surface for Jul

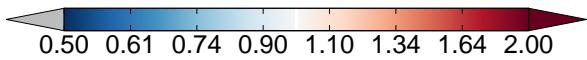
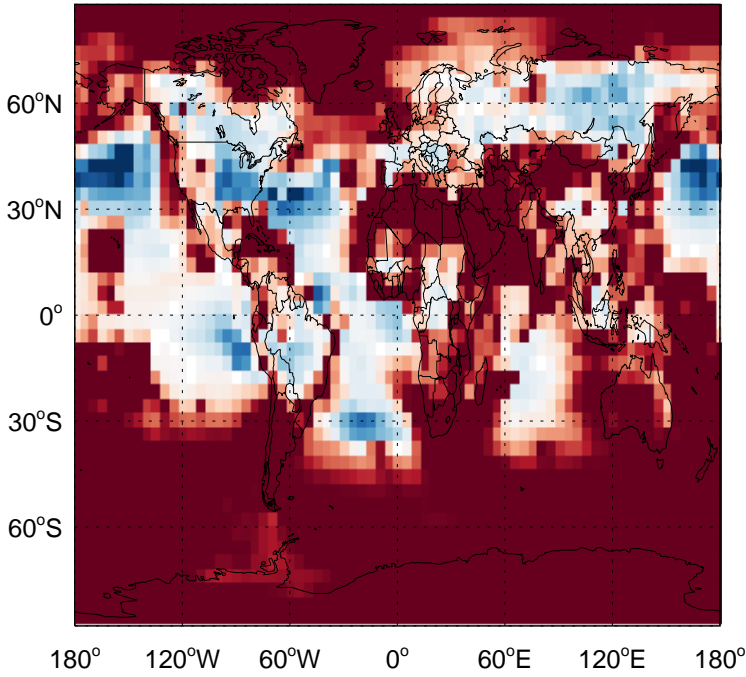


v11-02f-Run0 / v11-02e-Run0  
ETHLN/ Ratio @ 500 hPa for Jul

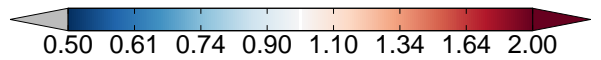
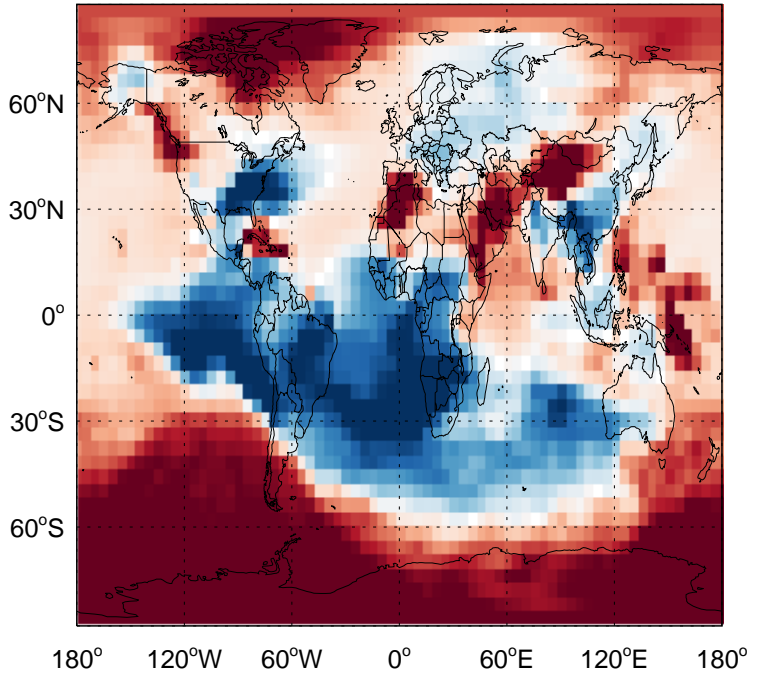


# GEOS-Chem Ratio Maps at surface and 500 hPa

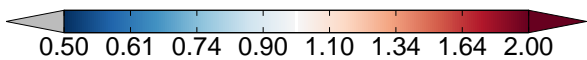
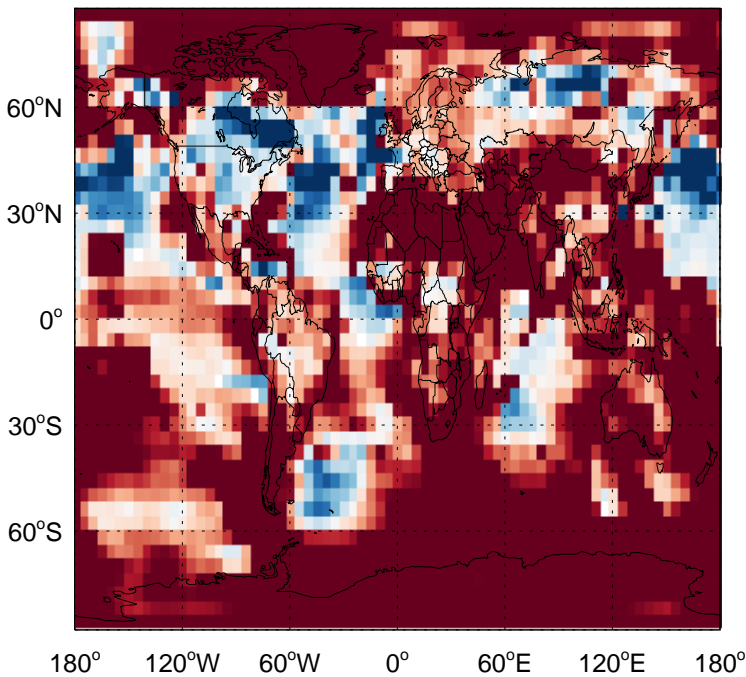
v11-02f-Run0 / v11-02e-Run1  
HCOOH / Ratio @ Surface for Jul



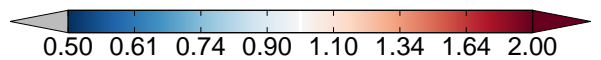
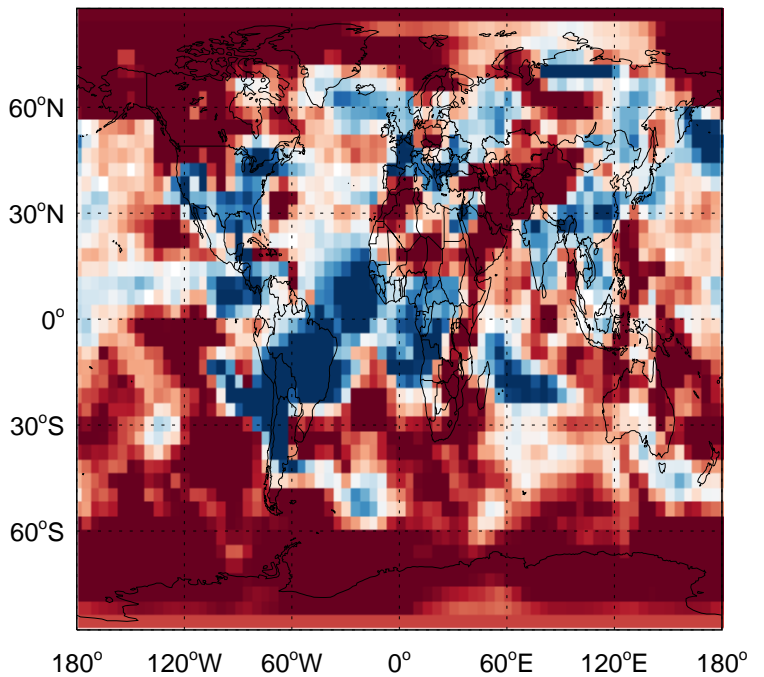
v11-02f-Run0 / v11-02e-Run1  
HCOOH/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HCOOH / Ratio @ Surface for Jul

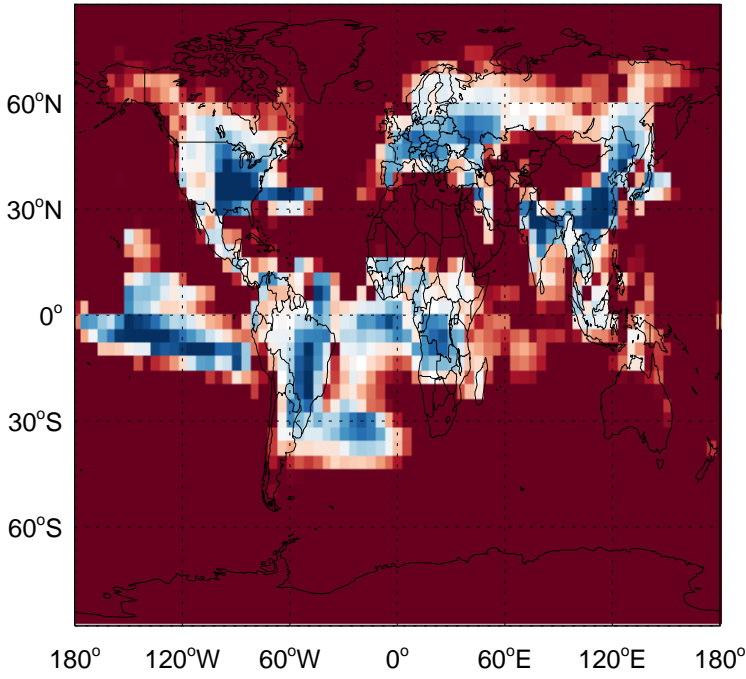


v11-02f-Run0 / v11-02e-Run0  
HCOOH/ Ratio @ 500 hPa for Jul

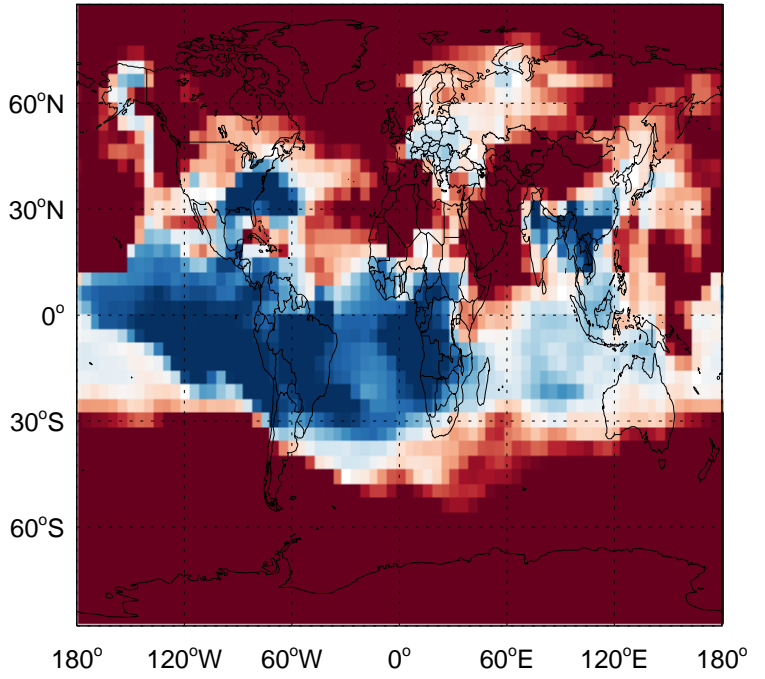


# GEOS-Chem Ratio Maps at surface and 500 hPa

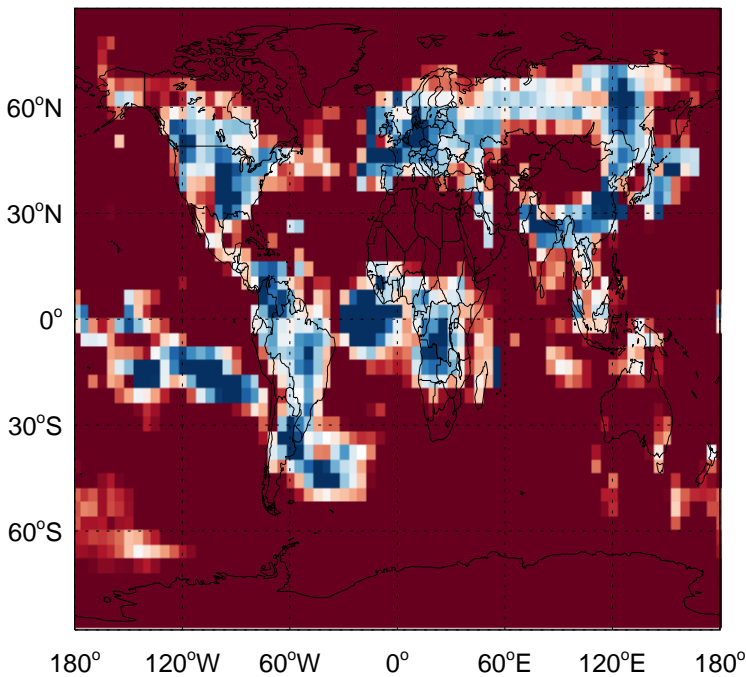
v11-02f-Run0 / v11-02e-Run1  
IEPOXA / Ratio @ Surface for Jul



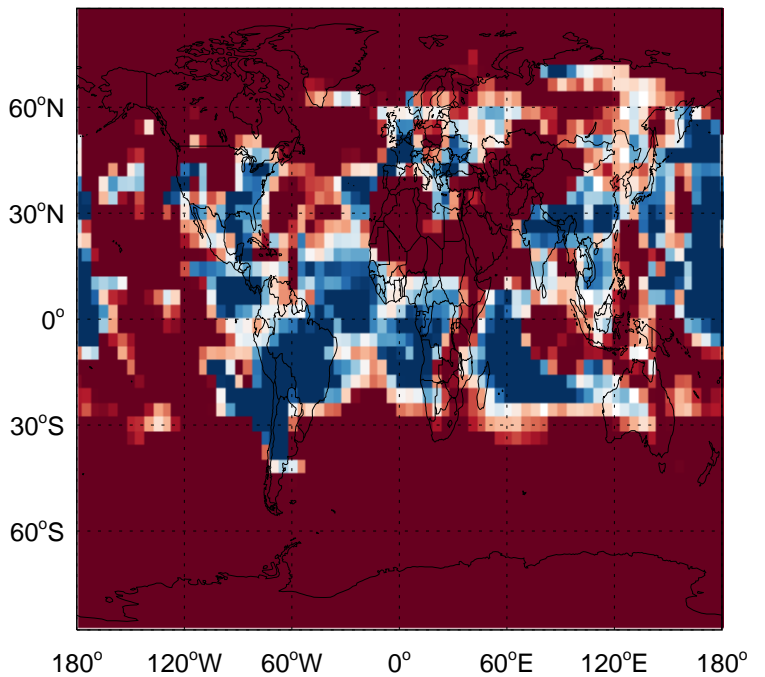
v11-02f-Run0 / v11-02e-Run1  
IEPOXA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
IEPOXA / Ratio @ Surface for Jul



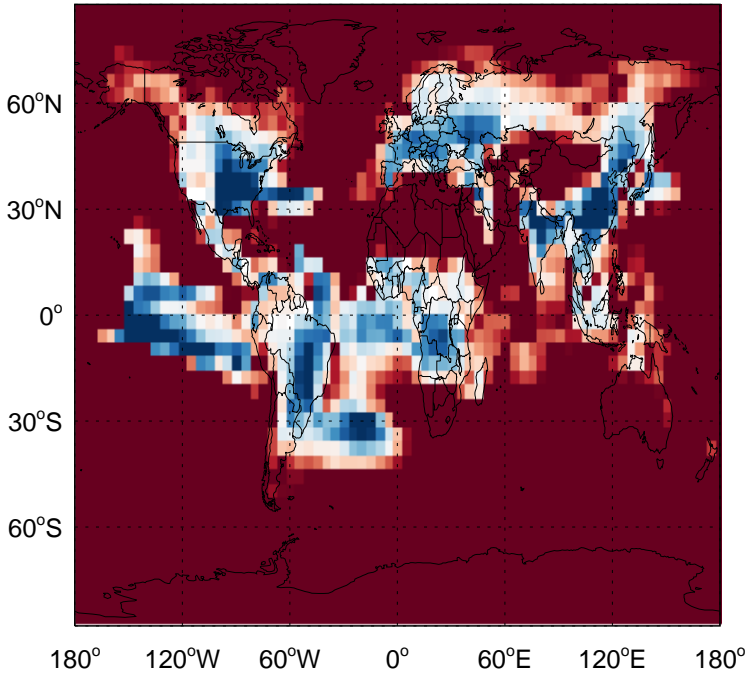
v11-02f-Run0 / v11-02e-Run0  
IEPOXA/ Ratio @ 500 hPa for Jul



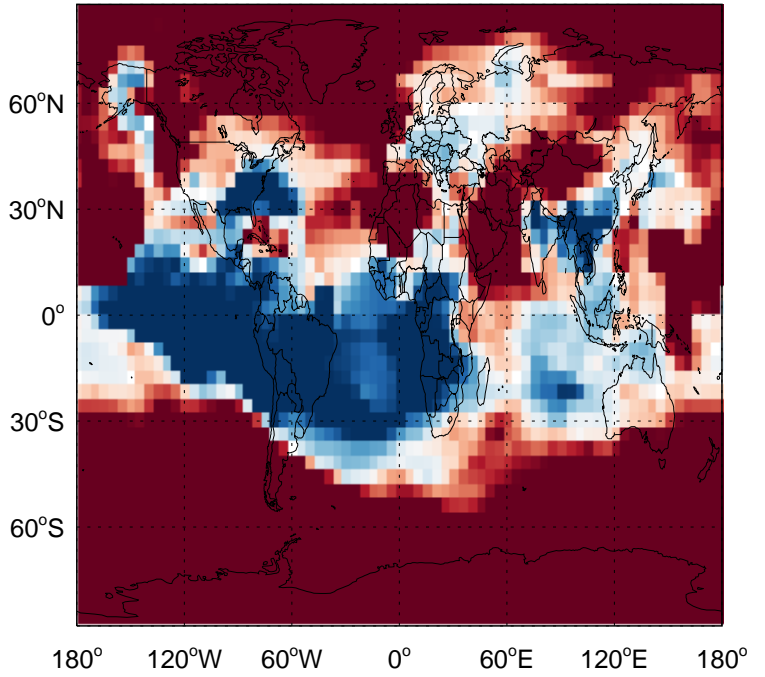


# GEOS-Chem Ratio Maps at surface and 500 hPa

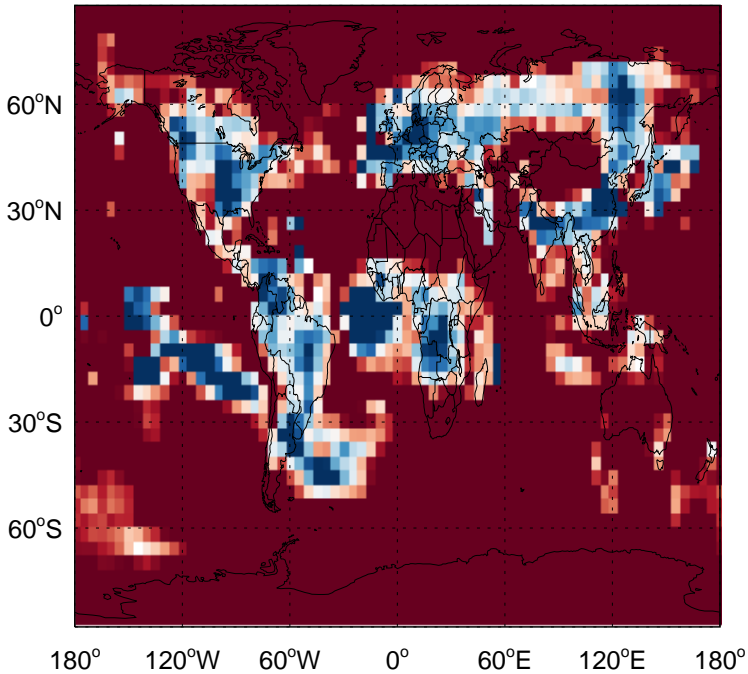
v11-02f-Run0 / v11-02e-Run1  
IEPOXB / Ratio @ Surface for Jul



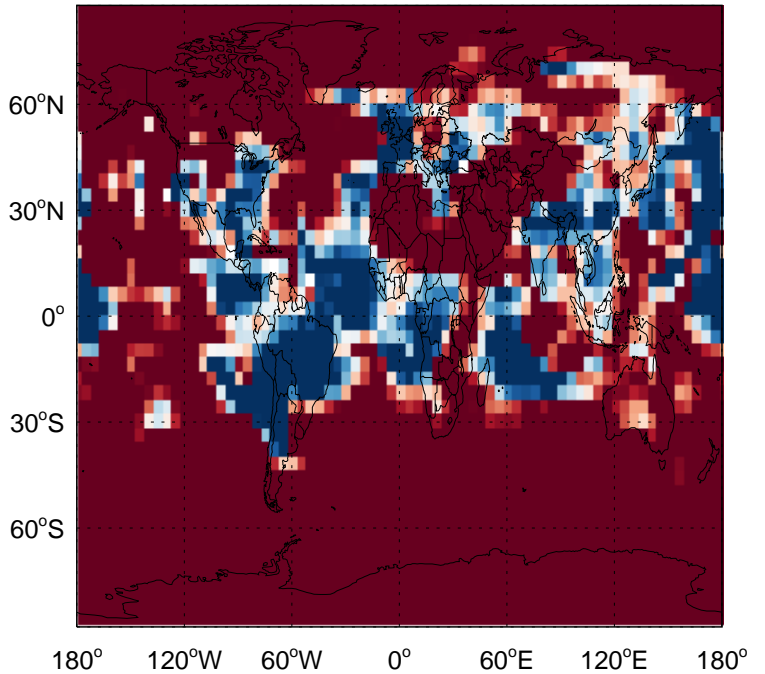
v11-02f-Run0 / v11-02e-Run1  
IEPOXB/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
IEPOXB / Ratio @ Surface for Jul

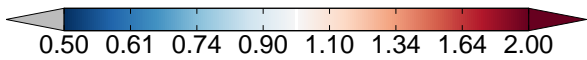
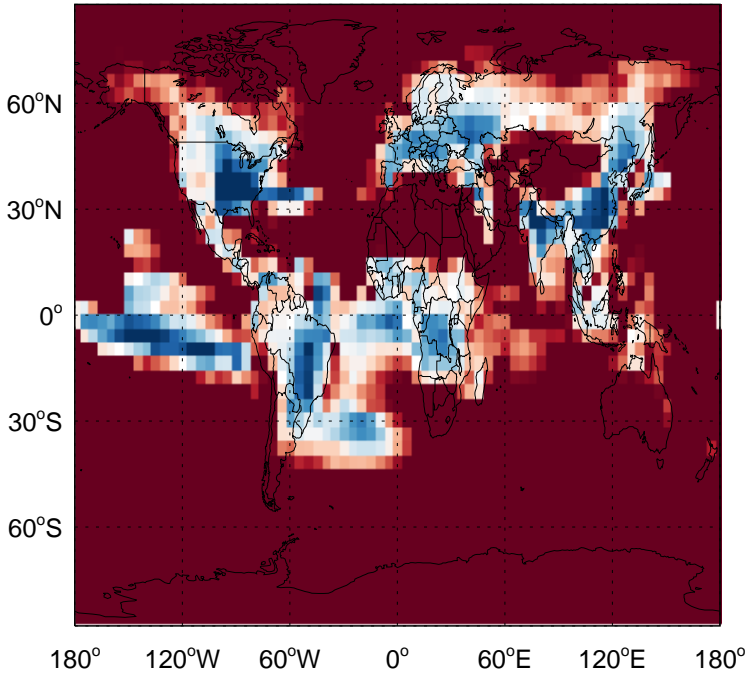


v11-02f-Run0 / v11-02e-Run0  
IEPOXB/ Ratio @ 500 hPa for Jul

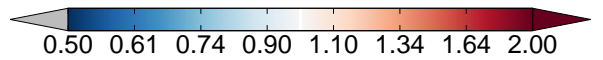
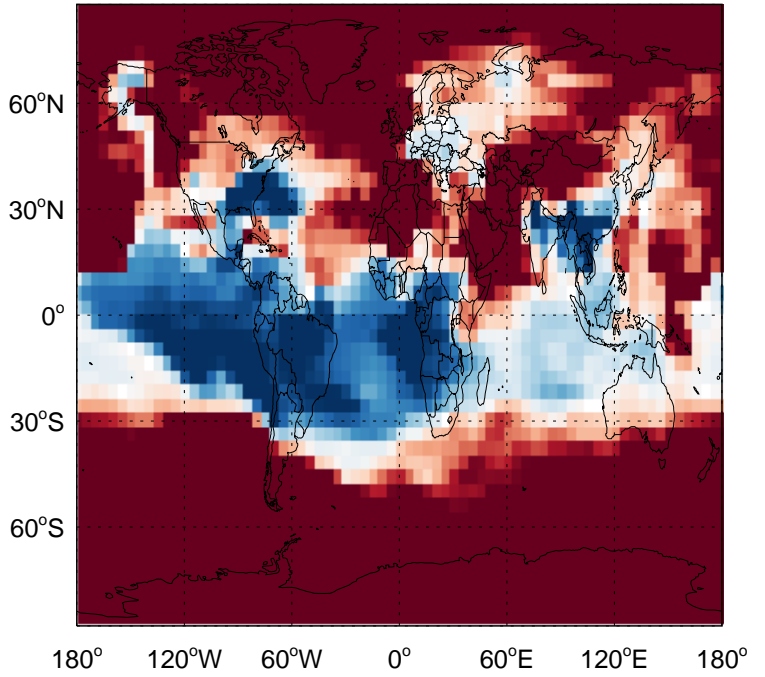


# GEOS-Chem Ratio Maps at surface and 500 hPa

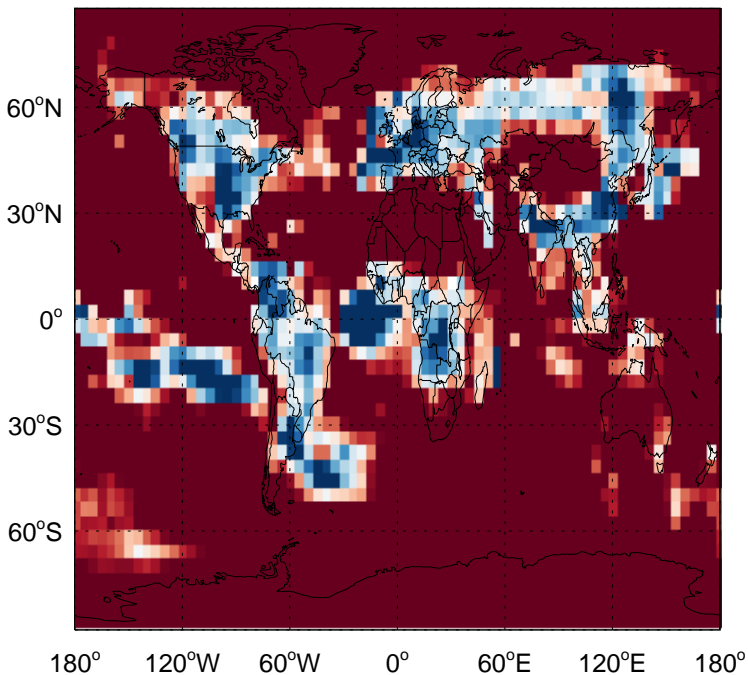
v11-02f-Run0 / v11-02e-Run1  
IEPOXD / Ratio @ Surface for Jul



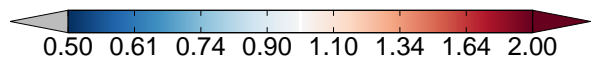
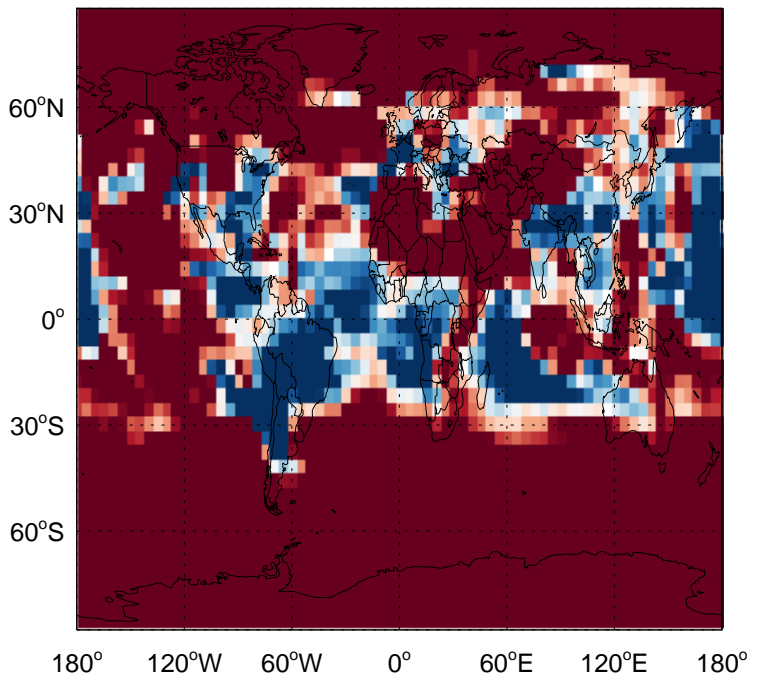
v11-02f-Run0 / v11-02e-Run1  
IEPOXD/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
IEPOXD / Ratio @ Surface for Jul

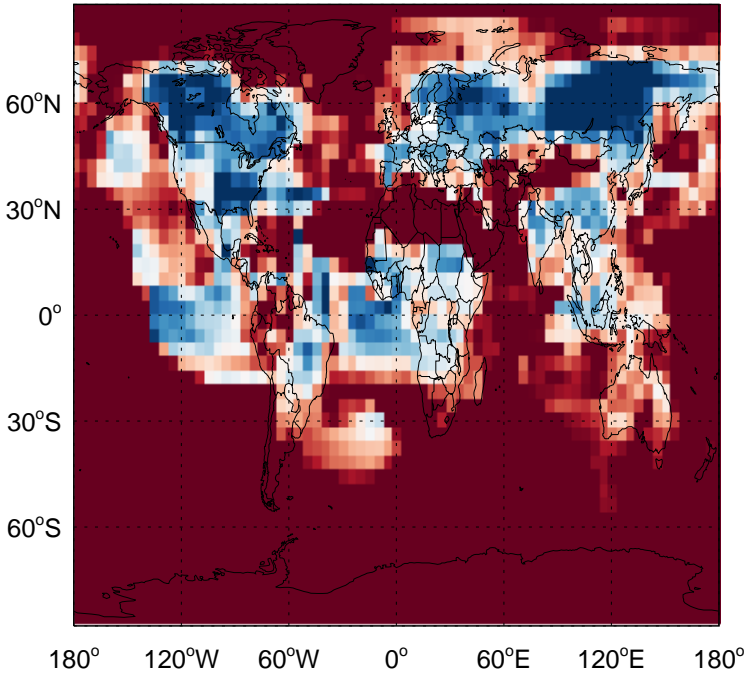


v11-02f-Run0 / v11-02e-Run0  
IEPOXD/ Ratio @ 500 hPa for Jul

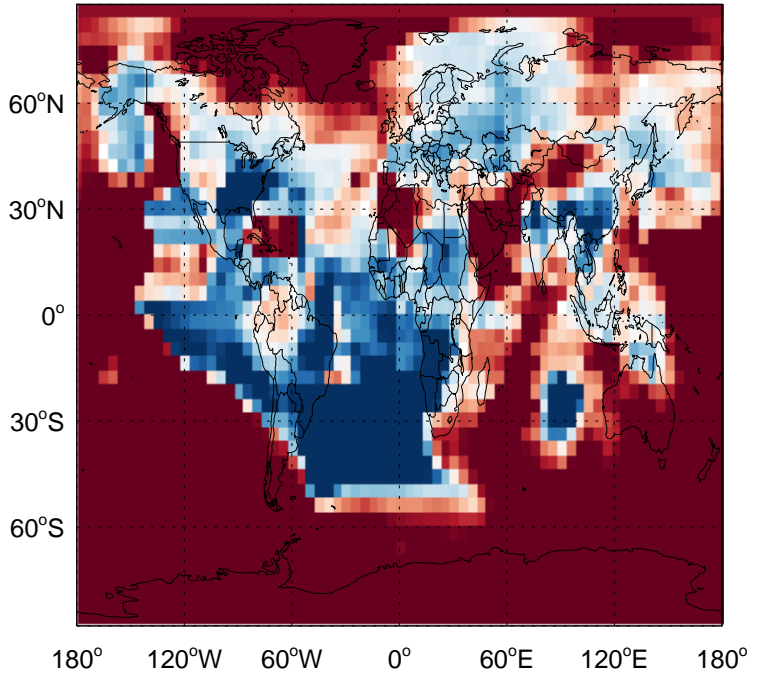


# GEOS-Chem Ratio Maps at surface and 500 hPa

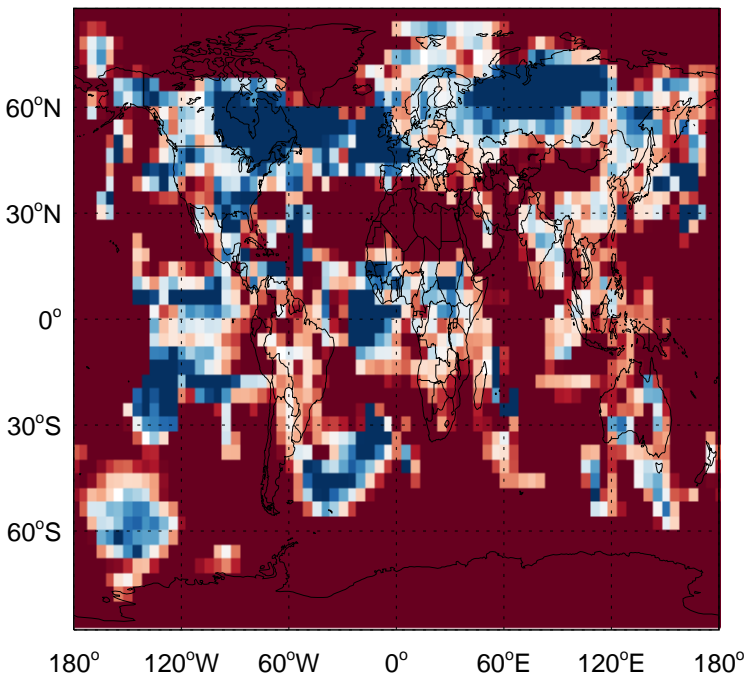
v11-02f-Run0 / v11-02e-Run1  
ISN1 / Ratio @ Surface for Jul



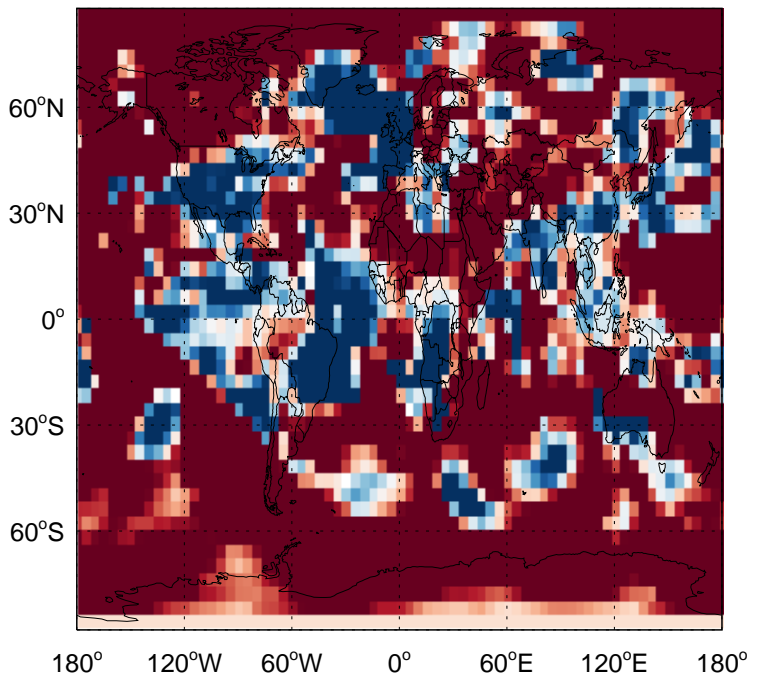
v11-02f-Run0 / v11-02e-Run1  
ISN1/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISN1 / Ratio @ Surface for Jul

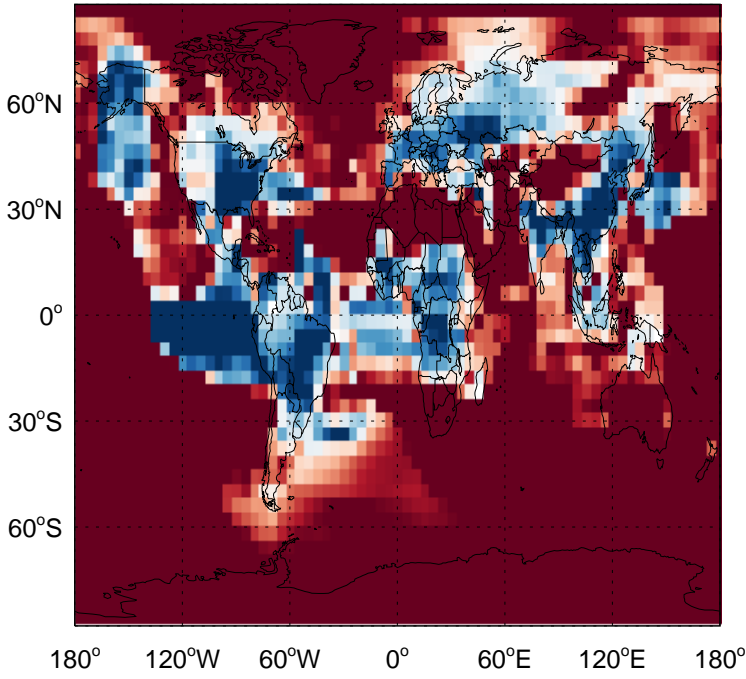


v11-02f-Run0 / v11-02e-Run0  
ISN1/ Ratio @ 500 hPa for Jul

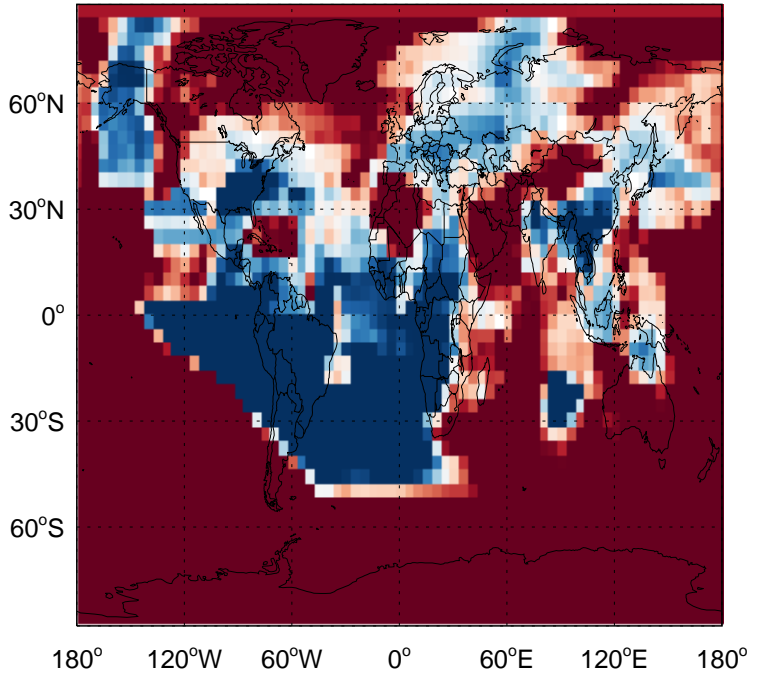


# GEOS-Chem Ratio Maps at surface and 500 hPa

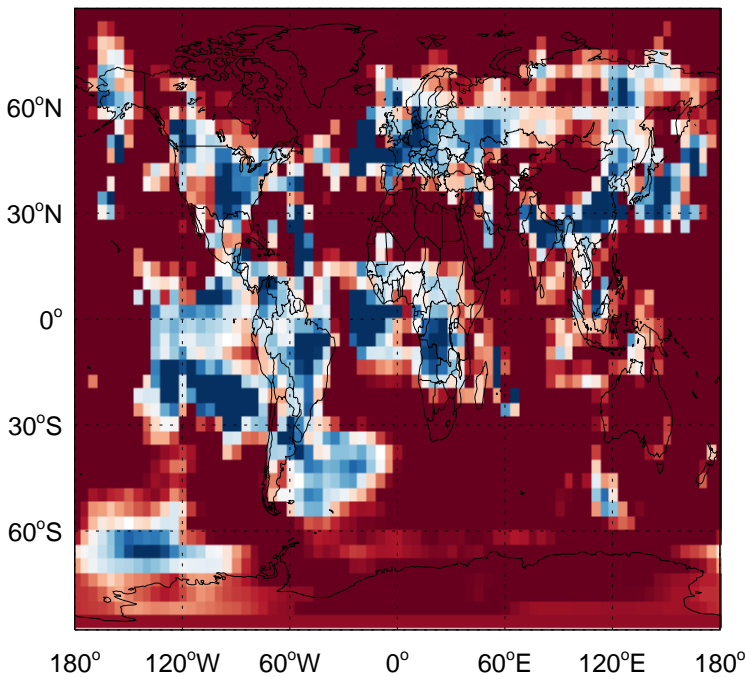
v11-02f-Run0 / v11-02e-Run1  
RIPA / Ratio @ Surface for Jul



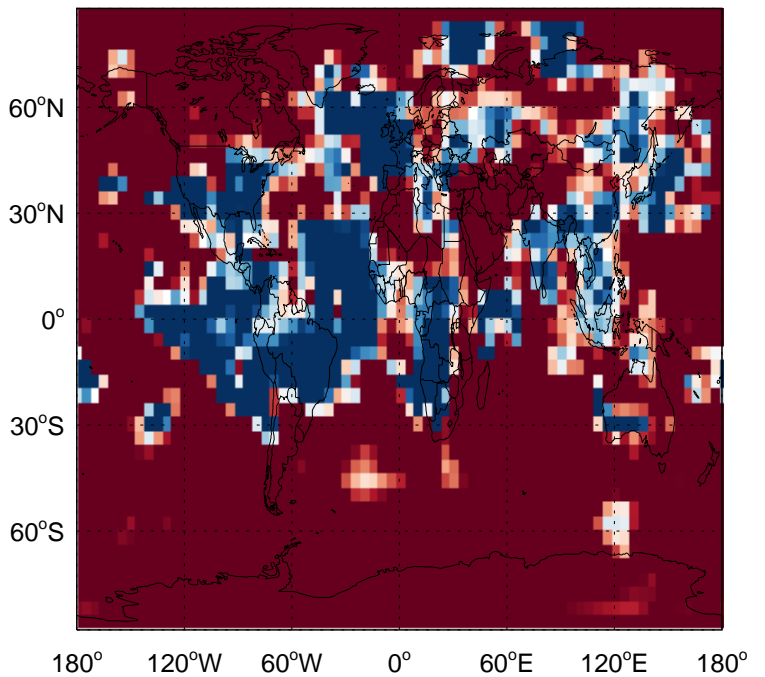
v11-02f-Run0 / v11-02e-Run1  
RIPA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
RIPA / Ratio @ Surface for Jul

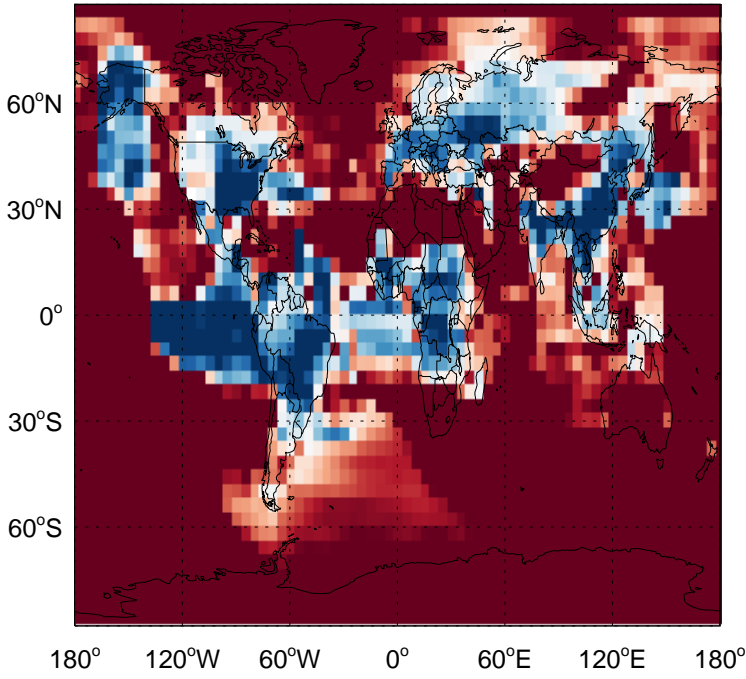


v11-02f-Run0 / v11-02e-Run0  
RIPA/ Ratio @ 500 hPa for Jul

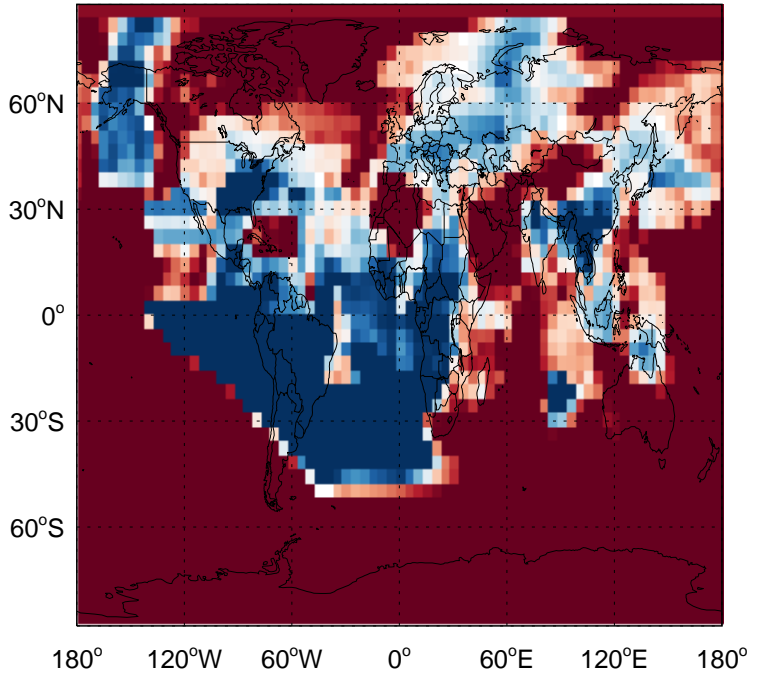


# GEOS-Chem Ratio Maps at surface and 500 hPa

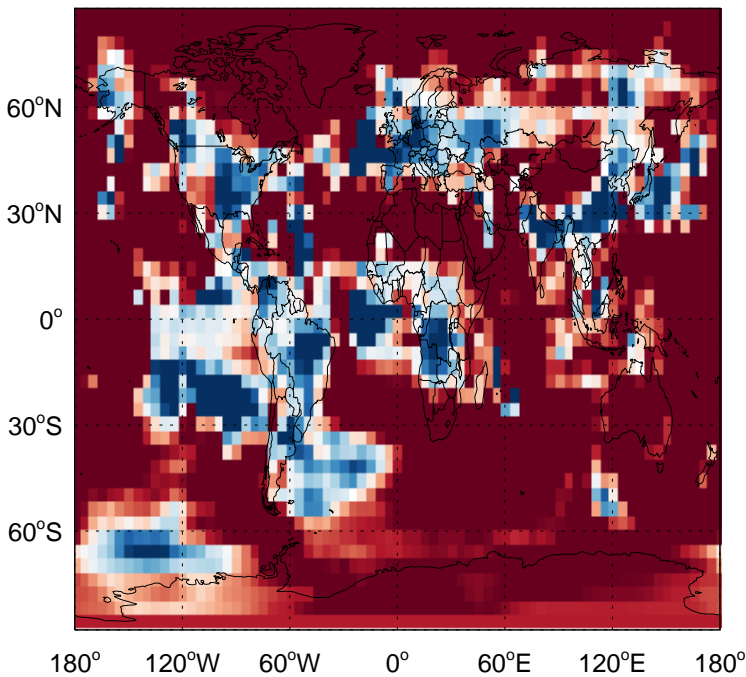
v11-02f-Run0 / v11-02e-Run1  
RIPB / Ratio @ Surface for Jul



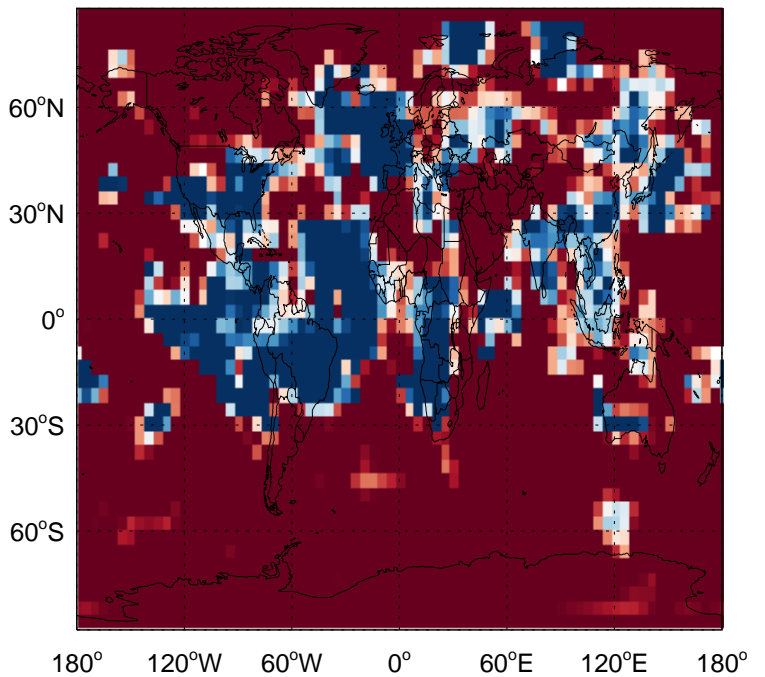
v11-02f-Run0 / v11-02e-Run1  
RIPB/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
RIPB / Ratio @ Surface for Jul

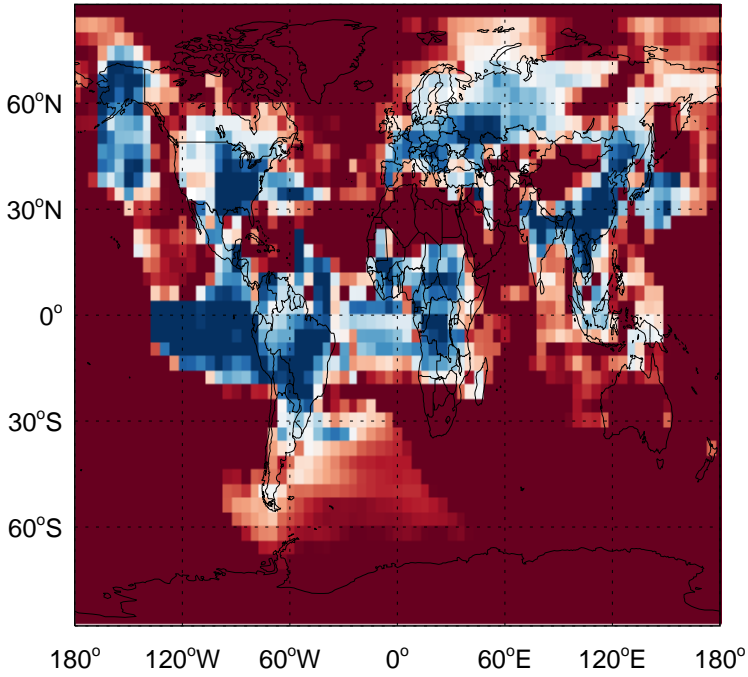


v11-02f-Run0 / v11-02e-Run0  
RIPB/ Ratio @ 500 hPa for Jul

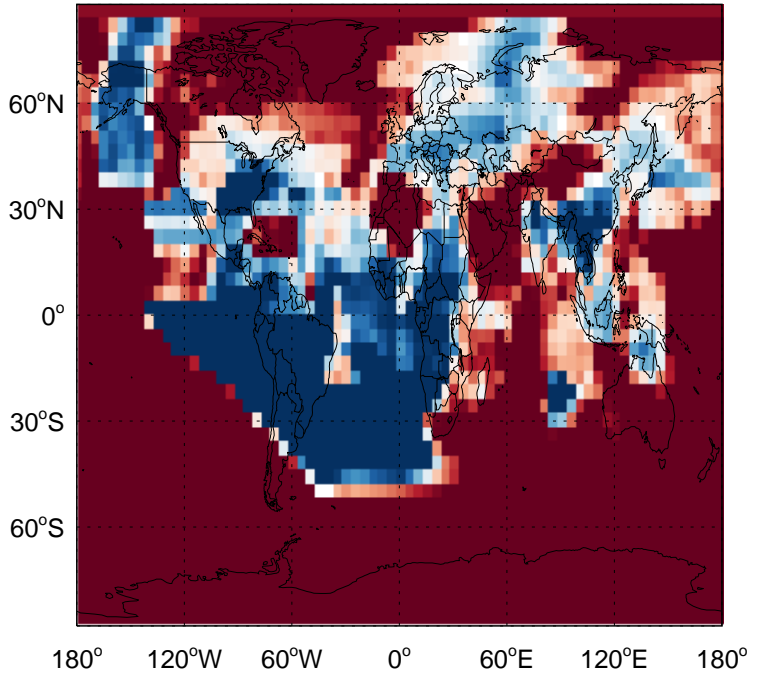


# GEOS-Chem Ratio Maps at surface and 500 hPa

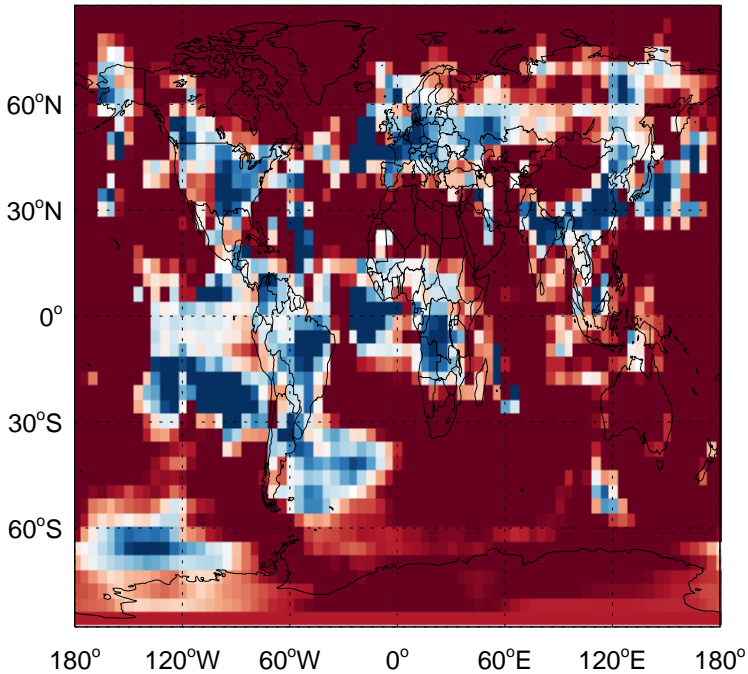
v11-02f-Run0 / v11-02e-Run1  
RIPD / Ratio @ Surface for Jul



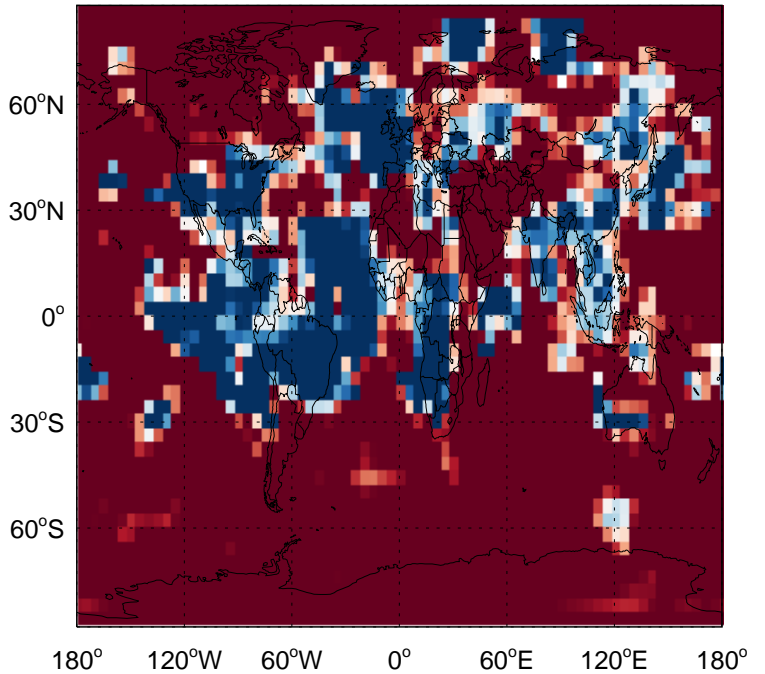
v11-02f-Run0 / v11-02e-Run1  
RIPD/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
RIPD / Ratio @ Surface for Jul

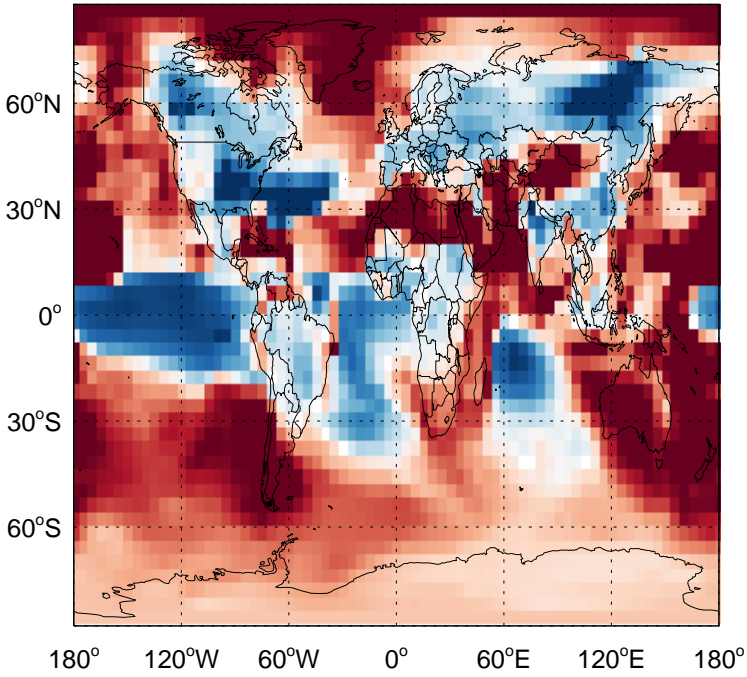


v11-02f-Run0 / v11-02e-Run0  
RIPD/ Ratio @ 500 hPa for Jul

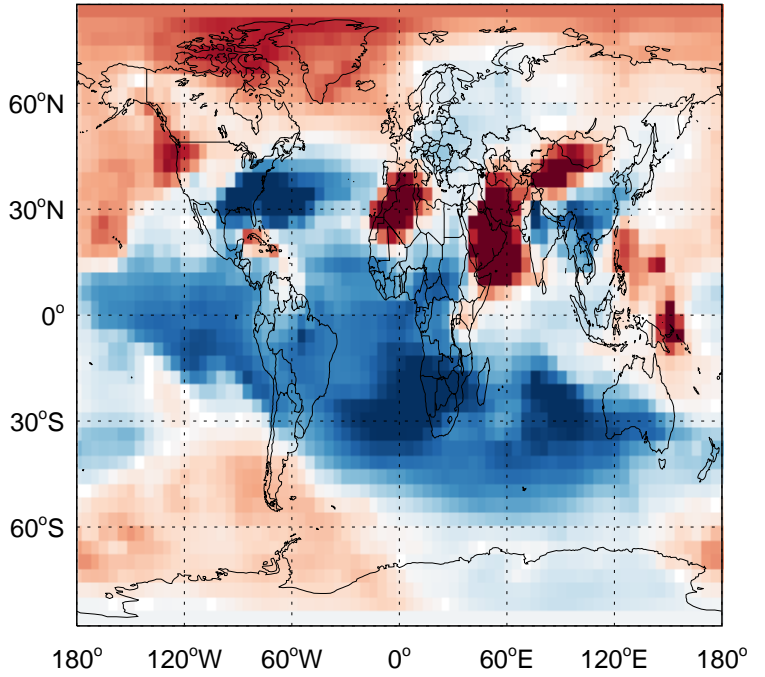


# GEOS-Chem Ratio Maps at surface and 500 hPa

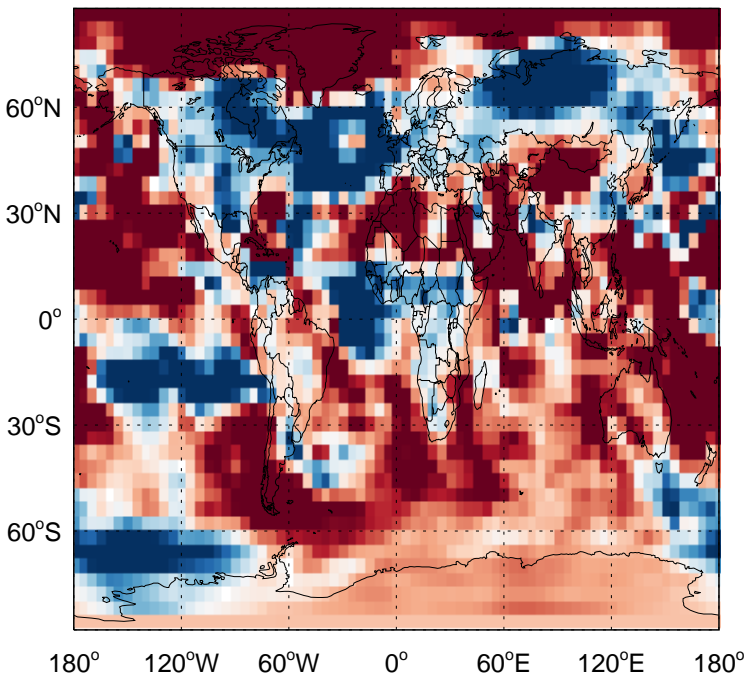
v11-02f-Run0 / v11-02e-Run1  
IMAE / Ratio @ Surface for Jul



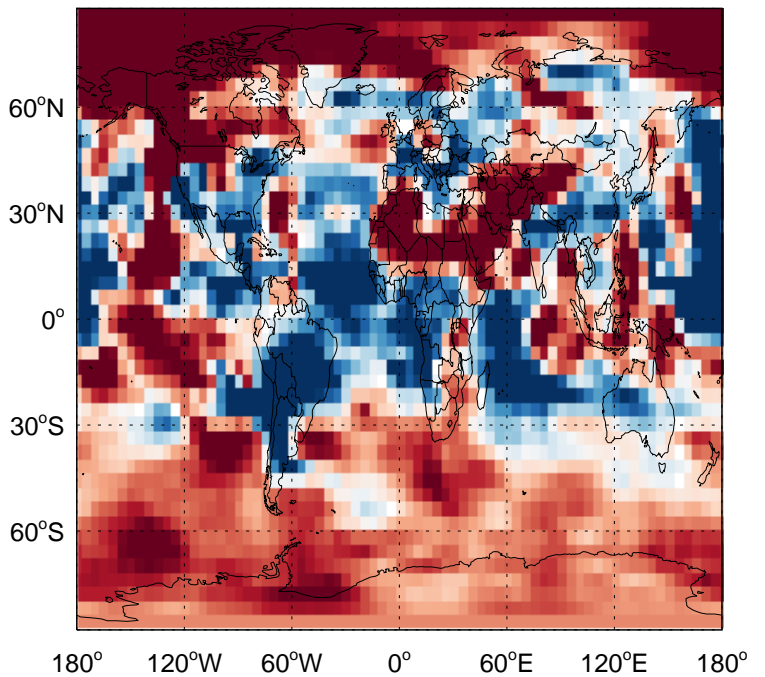
v11-02f-Run0 / v11-02e-Run1  
IMAE/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
IMAE / Ratio @ Surface for Jul

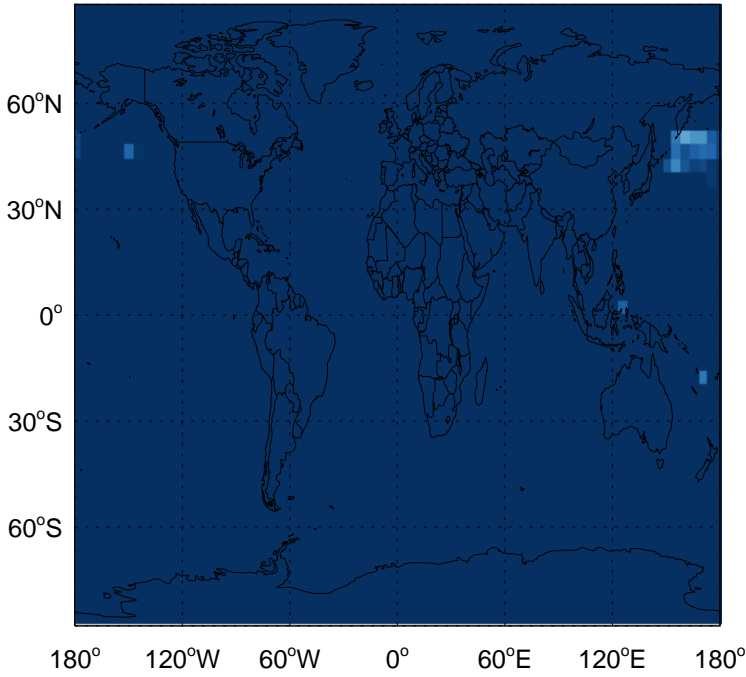


v11-02f-Run0 / v11-02e-Run0  
IMAE/ Ratio @ 500 hPa for Jul

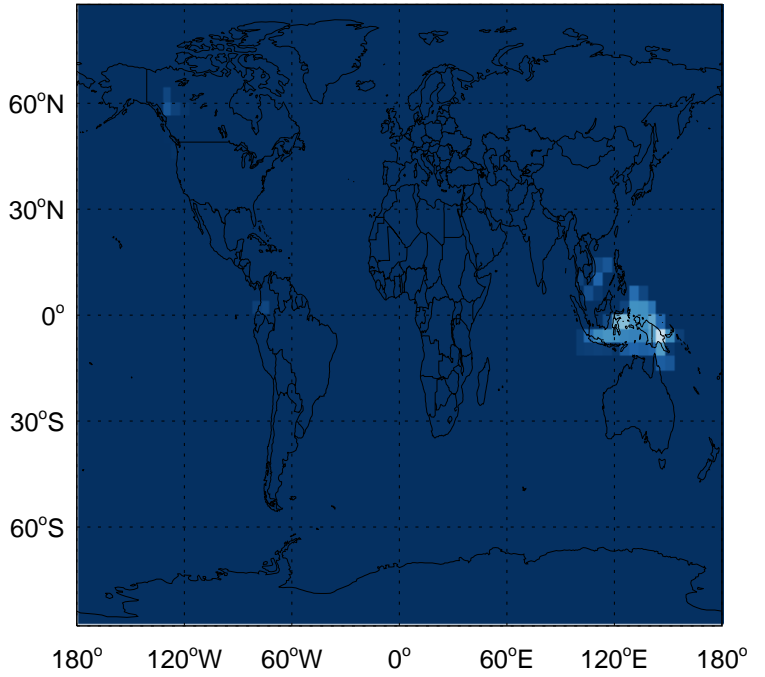


# GEOS-Chem Ratio Maps at surface and 500 hPa

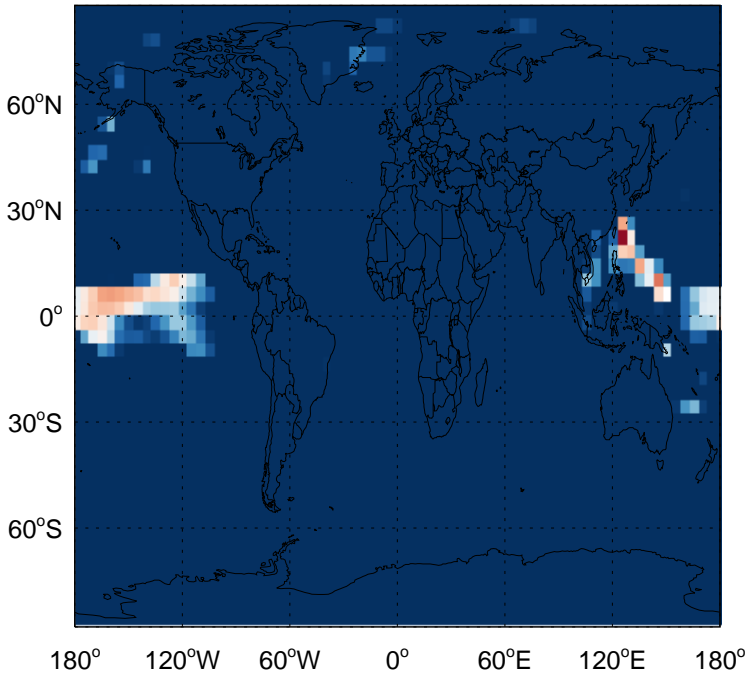
v11-02f-Run0 / v11-02e-Run1  
SOAIE / Ratio @ Surface for Jul



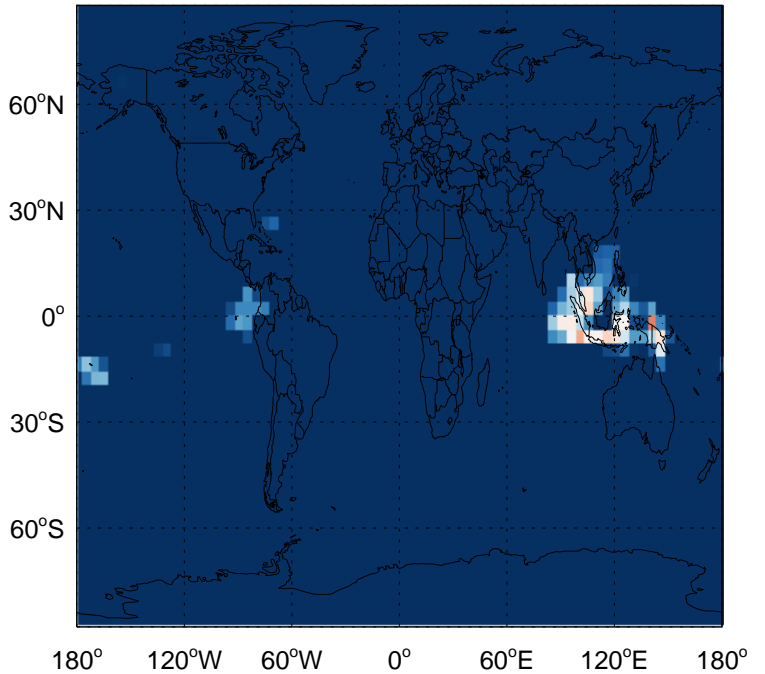
v11-02f-Run0 / v11-02e-Run1  
SOAIE/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SOAIE / Ratio @ Surface for Jul



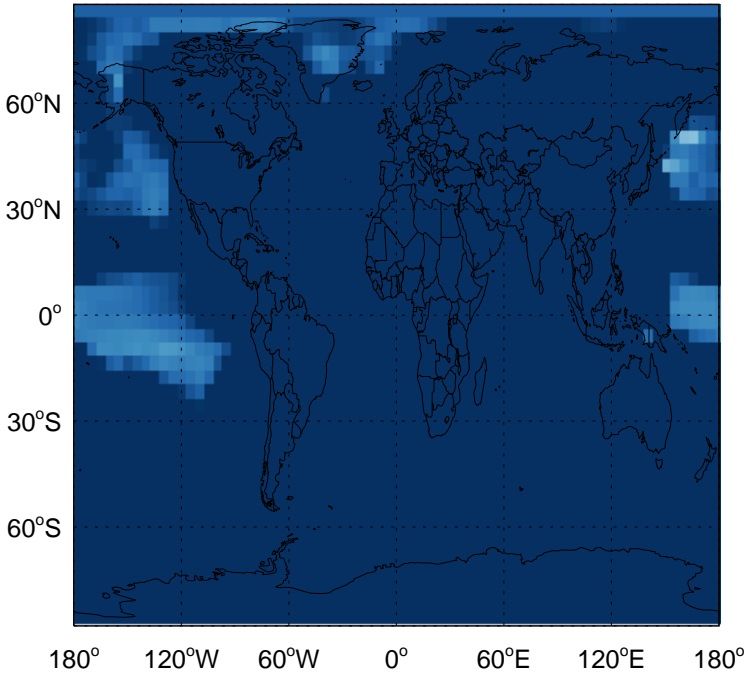
v11-02f-Run0 / v11-02e-Run0  
SOAIE/ Ratio @ 500 hPa for Jul



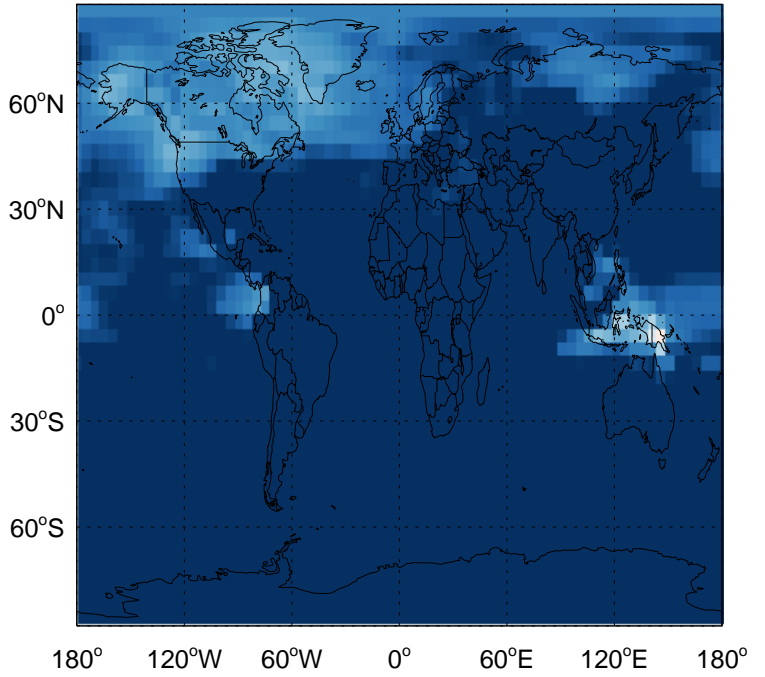


# GEOS-Chem Ratio Maps at surface and 500 hPa

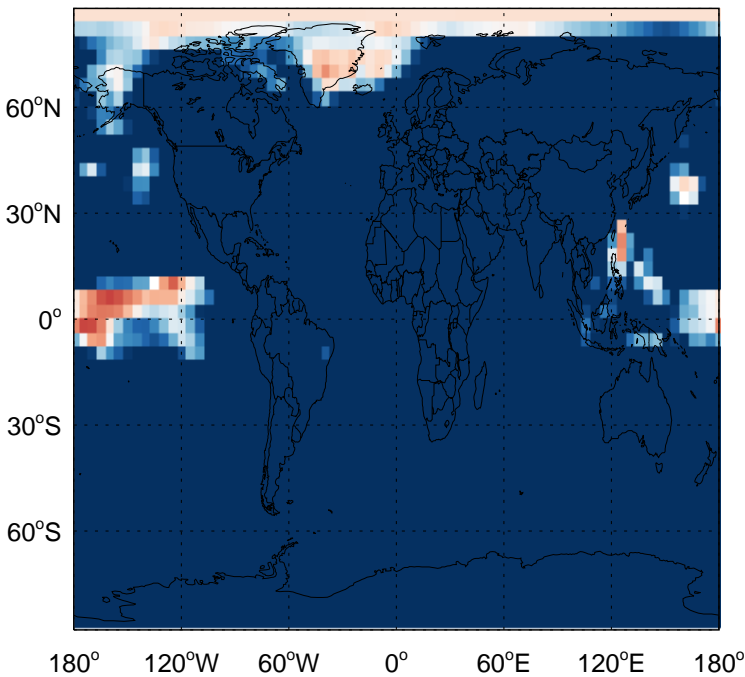
v11-02f-Run0 / v11-02e-Run1  
SOAME / Ratio @ Surface for Jul



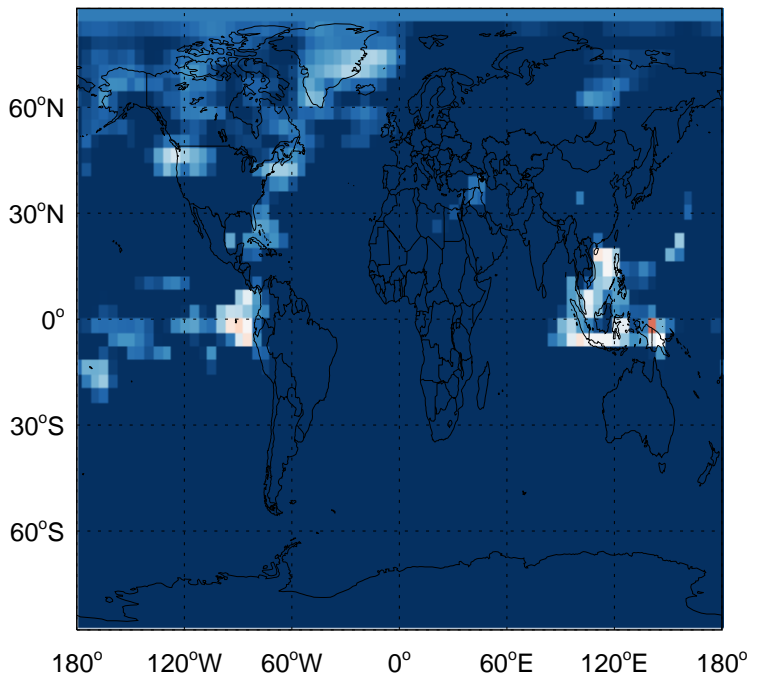
v11-02f-Run0 / v11-02e-Run1  
SOAME/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SOAME / Ratio @ Surface for Jul

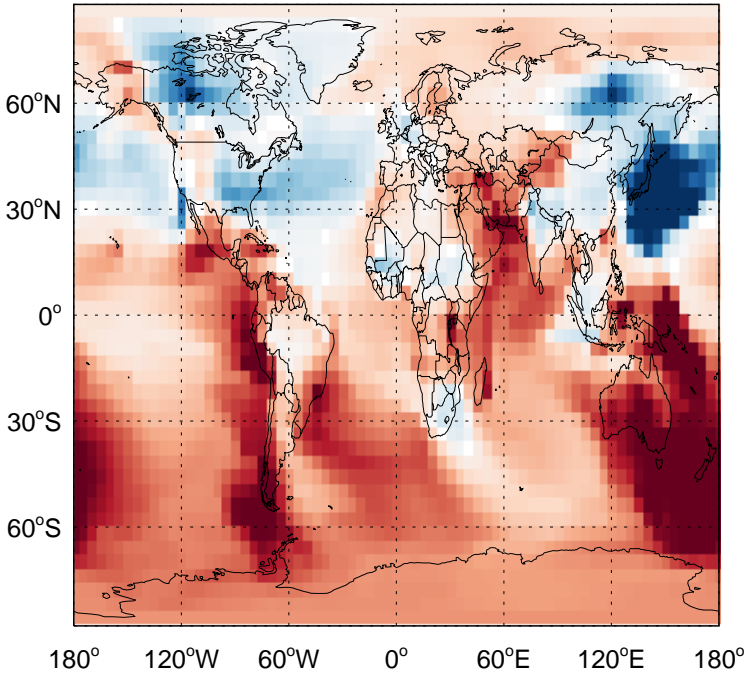


v11-02f-Run0 / v11-02e-Run0  
SOAME/ Ratio @ 500 hPa for Jul

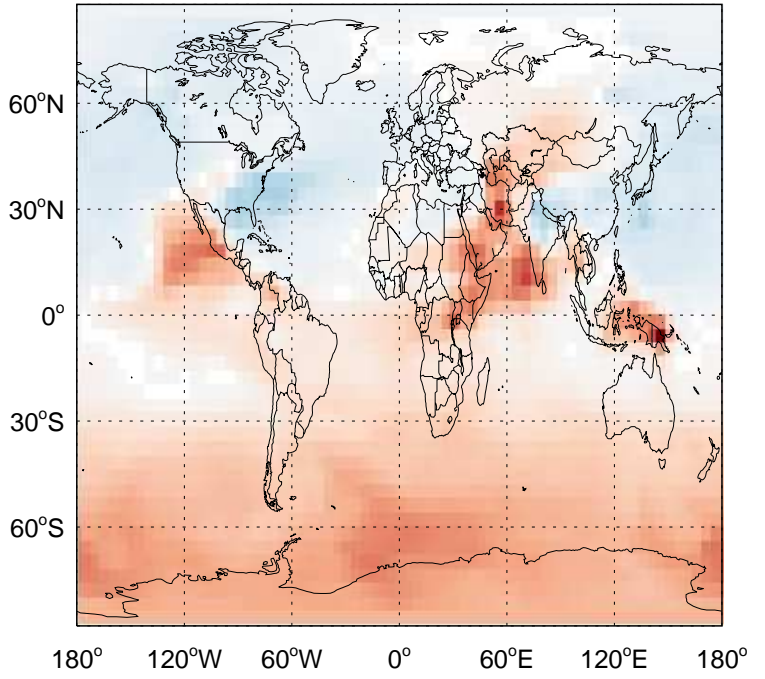


# GEOS-Chem Ratio Maps at surface and 500 hPa

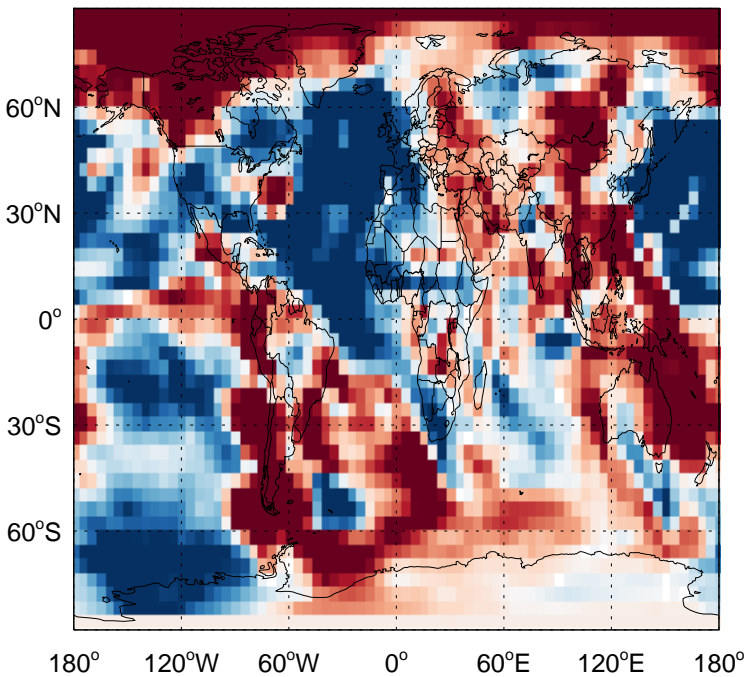
v11-02f-Run0 / v11-02e-Run1  
SOAGX / Ratio @ Surface for Jul



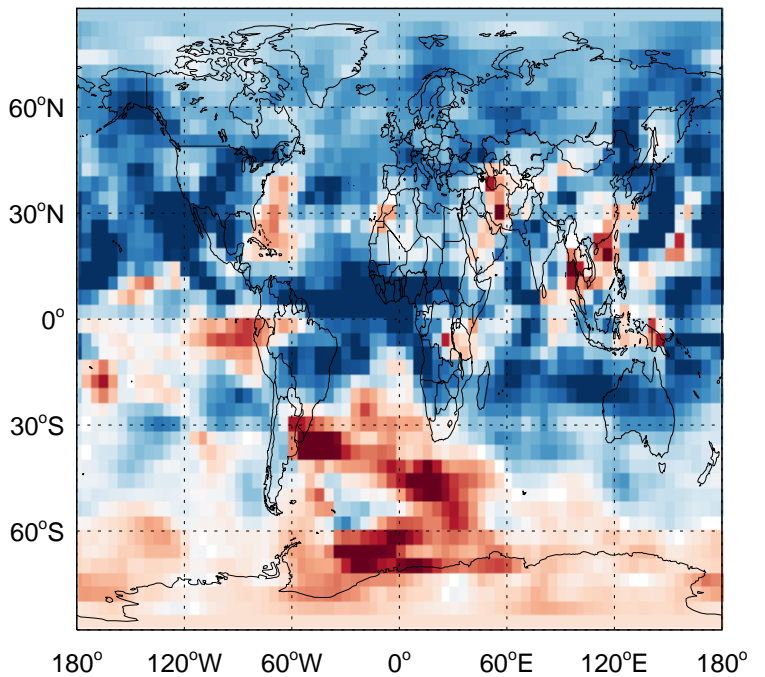
v11-02f-Run0 / v11-02e-Run1  
SOAGX/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SOAGX / Ratio @ Surface for Jul

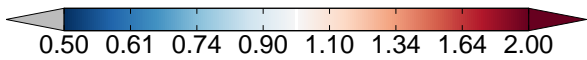
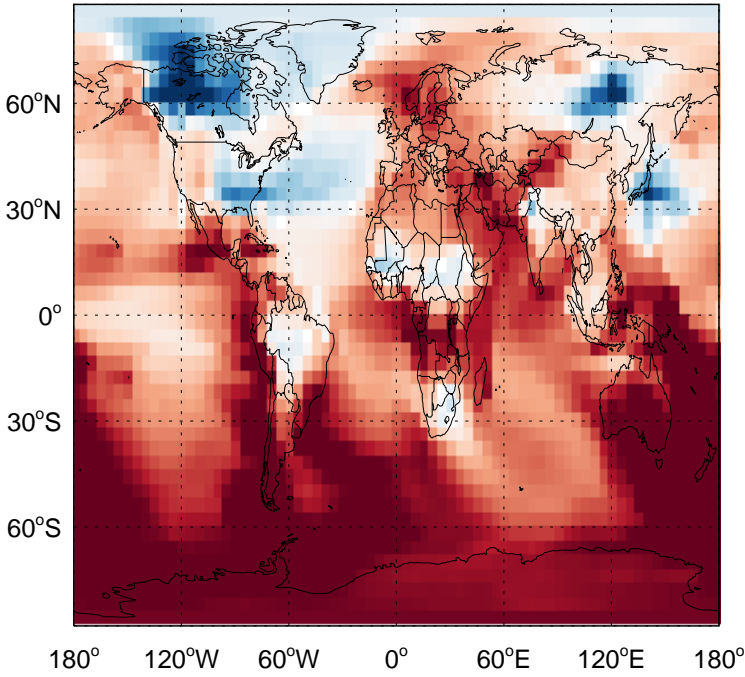


v11-02f-Run0 / v11-02e-Run0  
SOAGX/ Ratio @ 500 hPa for Jul

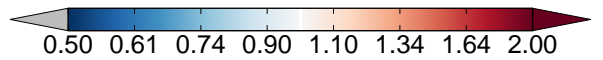
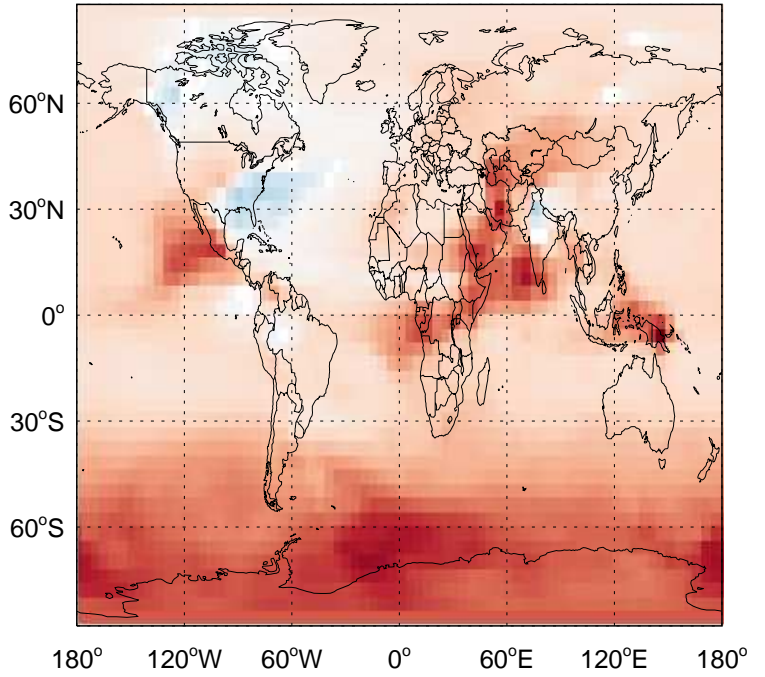


# GEOS-Chem Ratio Maps at surface and 500 hPa

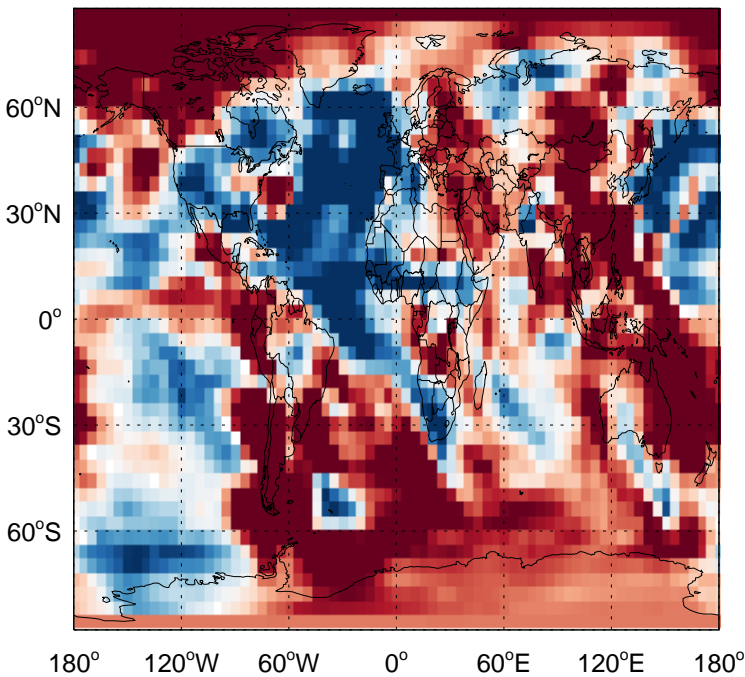
v11-02f-Run0 / v11-02e-Run1  
SOAMG / Ratio @ Surface for Jul



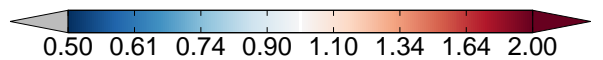
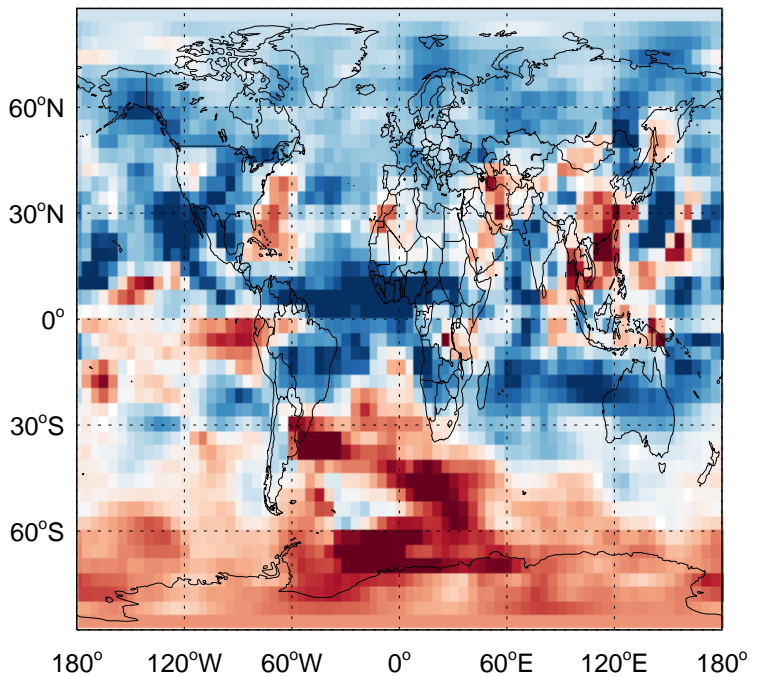
v11-02f-Run0 / v11-02e-Run1  
SOAMG/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
SOAMG / Ratio @ Surface for Jul

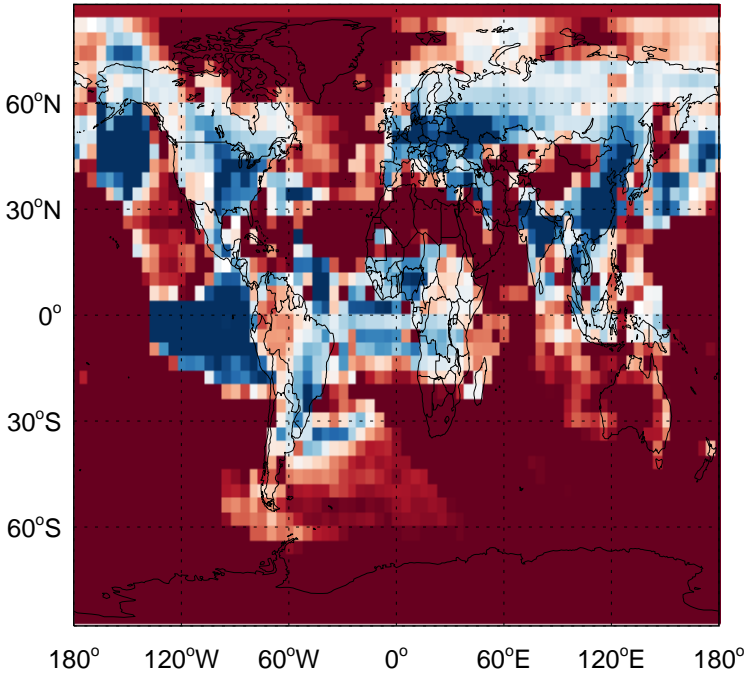


v11-02f-Run0 / v11-02e-Run0  
SOAMG/ Ratio @ 500 hPa for Jul

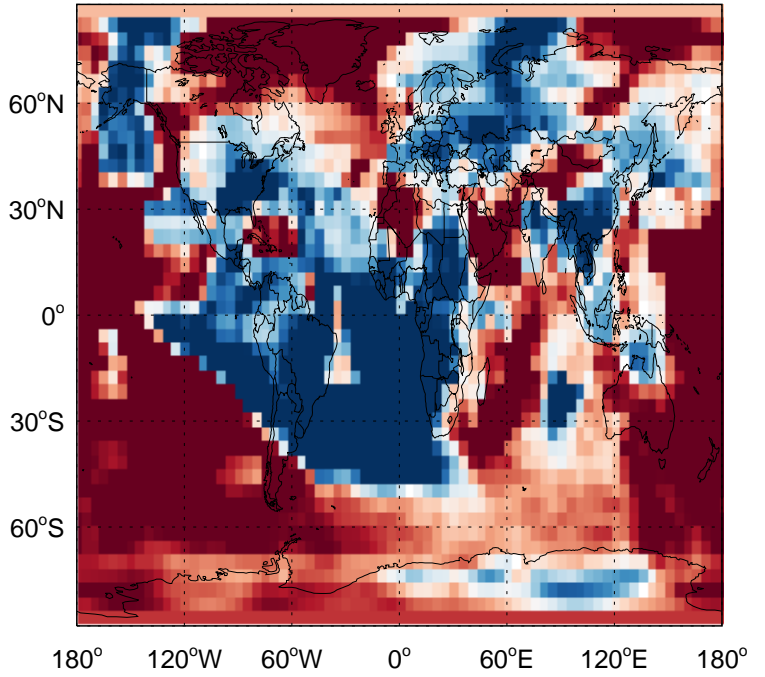


# GEOS-Chem Ratio Maps at surface and 500 hPa

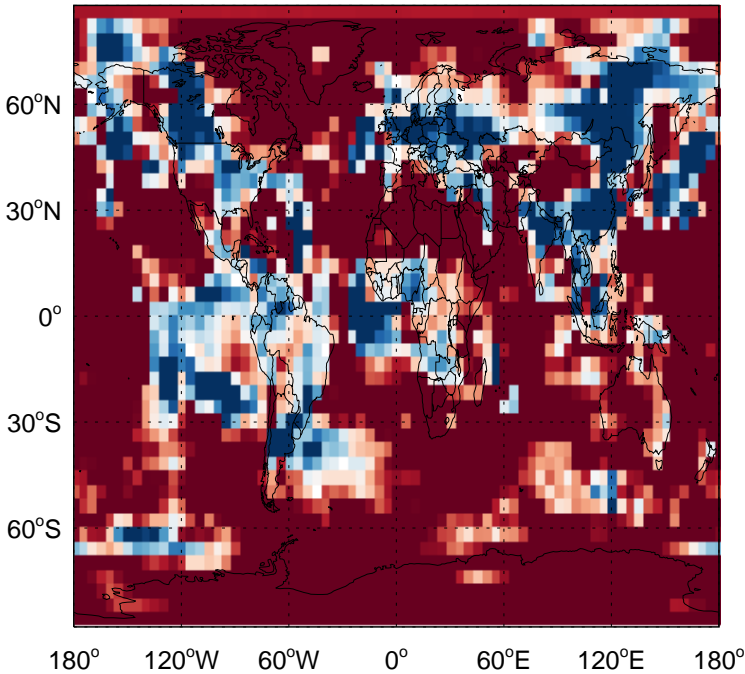
v11-02f-Run0 / v11-02e-Run1  
LVOC / Ratio @ Surface for Jul



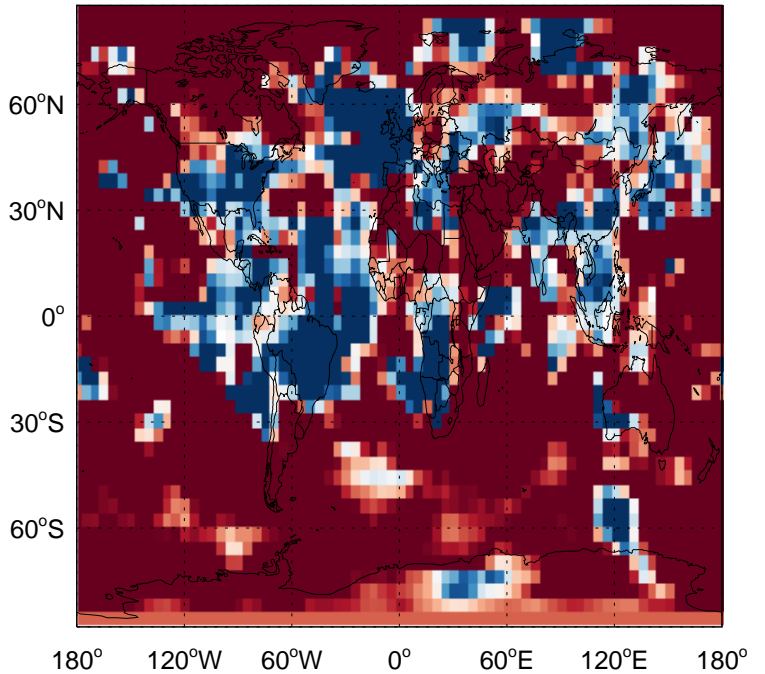
v11-02f-Run0 / v11-02e-Run1  
LVOC/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
LVOC / Ratio @ Surface for Jul

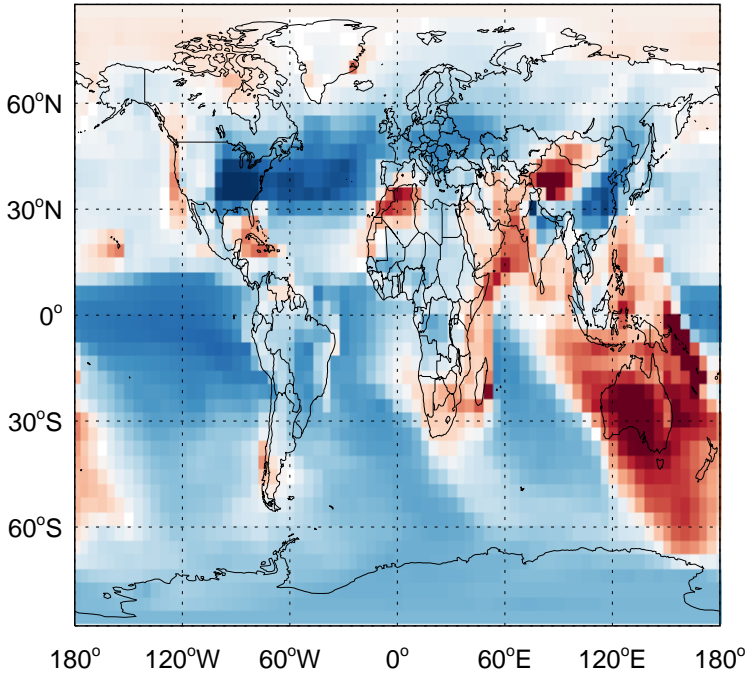


v11-02f-Run0 / v11-02e-Run0  
LVOC/ Ratio @ 500 hPa for Jul

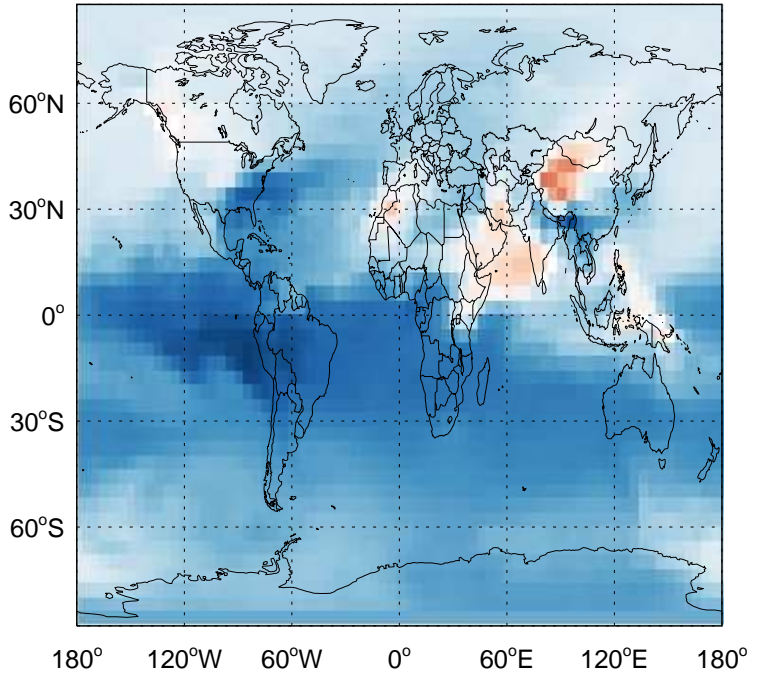


# GEOS-Chem Ratio Maps at surface and 500 hPa

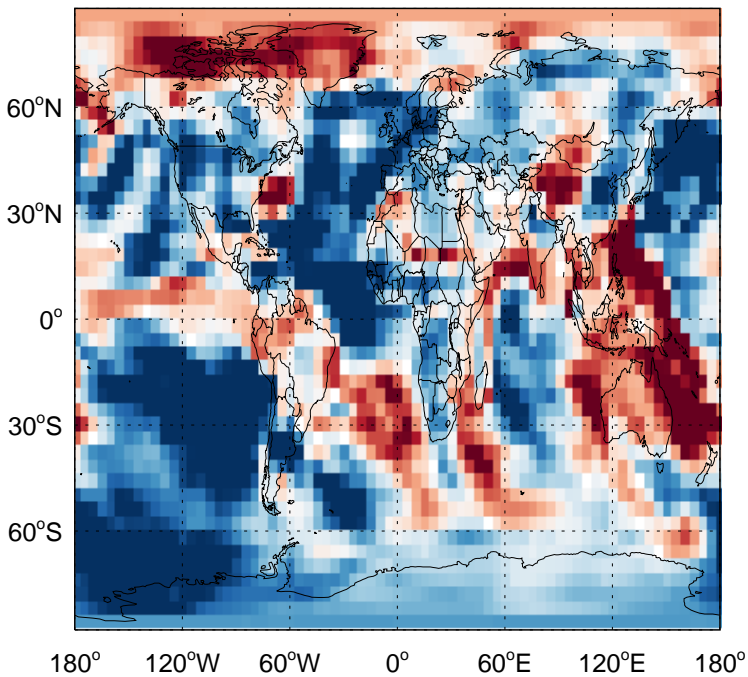
v11-02f-Run0 / v11-02e-Run1  
LVCOA / Ratio @ Surface for Jul



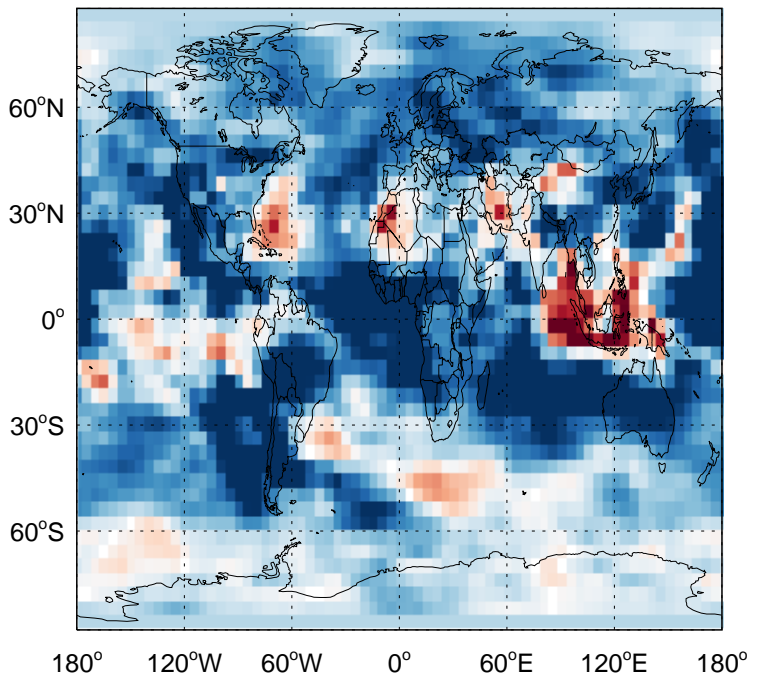
v11-02f-Run0 / v11-02e-Run1  
LVCOA / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
LVCOA / Ratio @ Surface for Jul

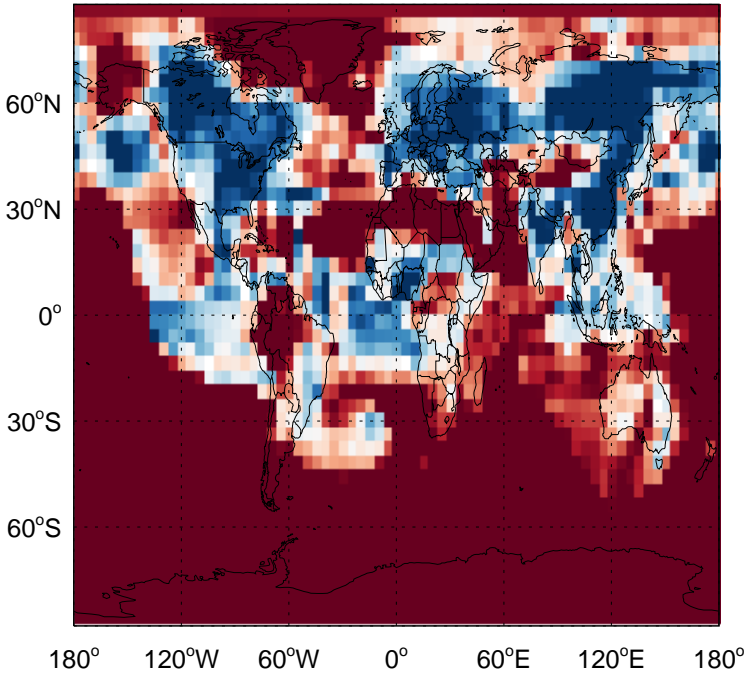


v11-02f-Run0 / v11-02e-Run0  
LVCOA / Ratio @ 500 hPa for Jul

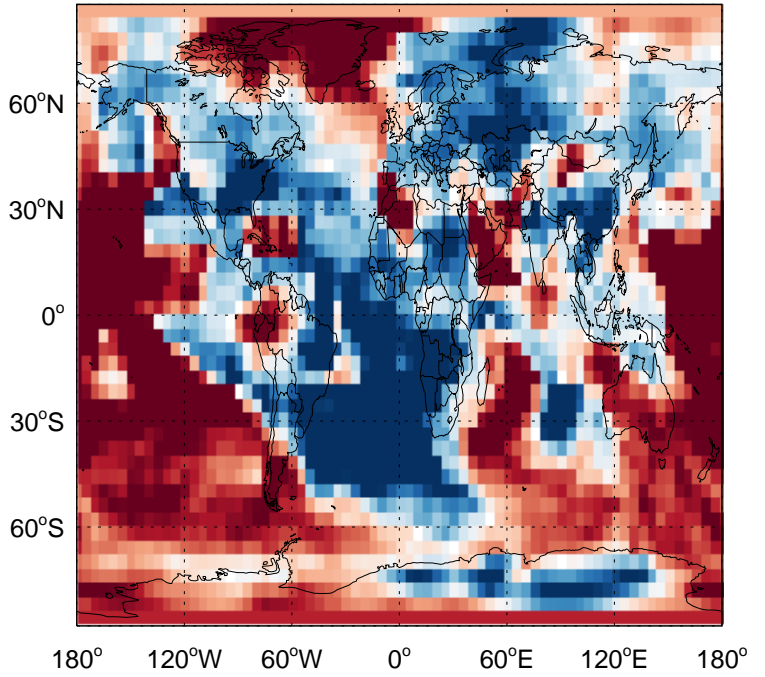


# GEOS-Chem Ratio Maps at surface and 500 hPa

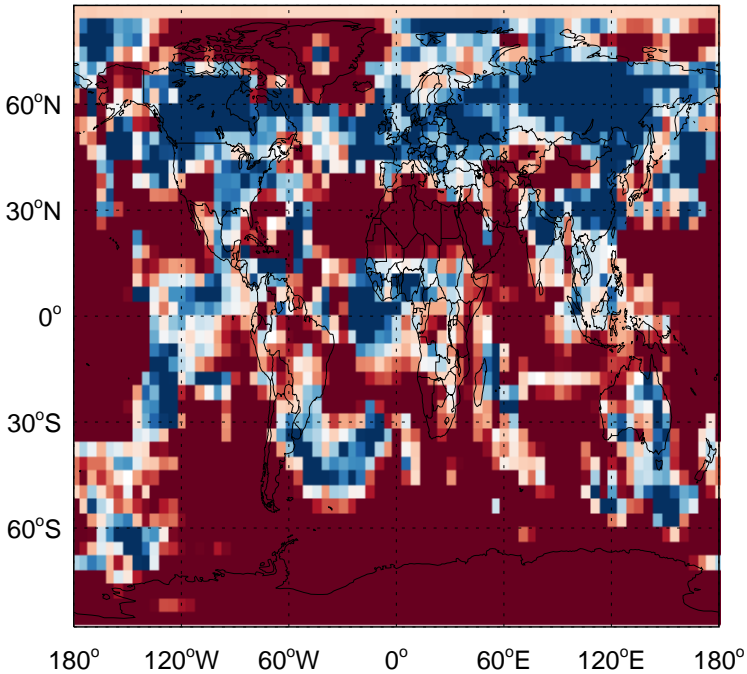
v11-02f-Run0 / v11-02e-Run1  
ISN1OG / Ratio @ Surface for Jul



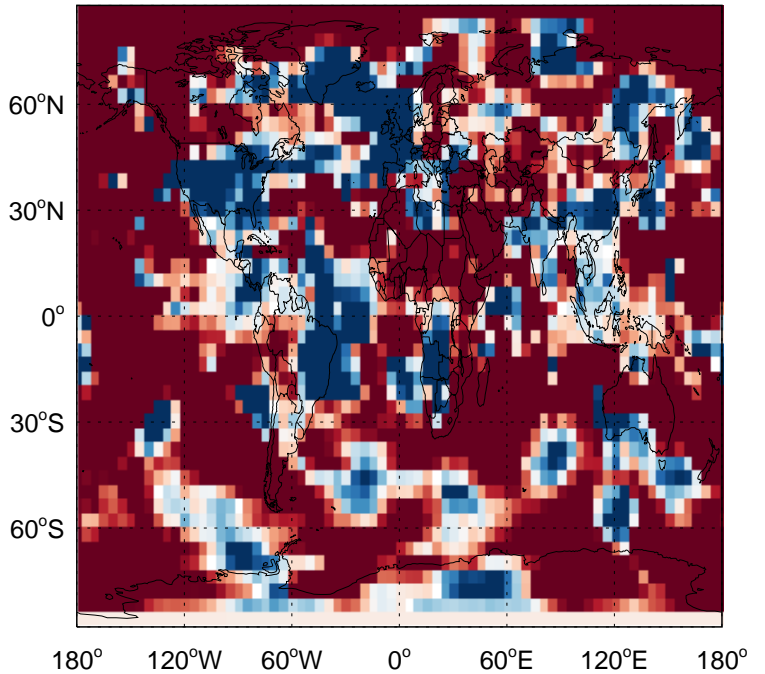
v11-02f-Run0 / v11-02e-Run1  
ISN1OG/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISN1OG / Ratio @ Surface for Jul

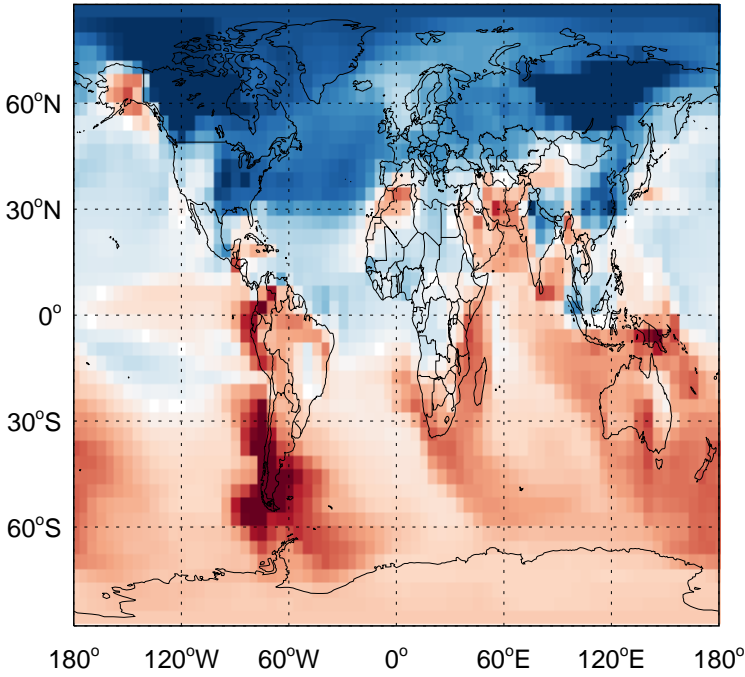


v11-02f-Run0 / v11-02e-Run0  
ISN1OG/ Ratio @ 500 hPa for Jul

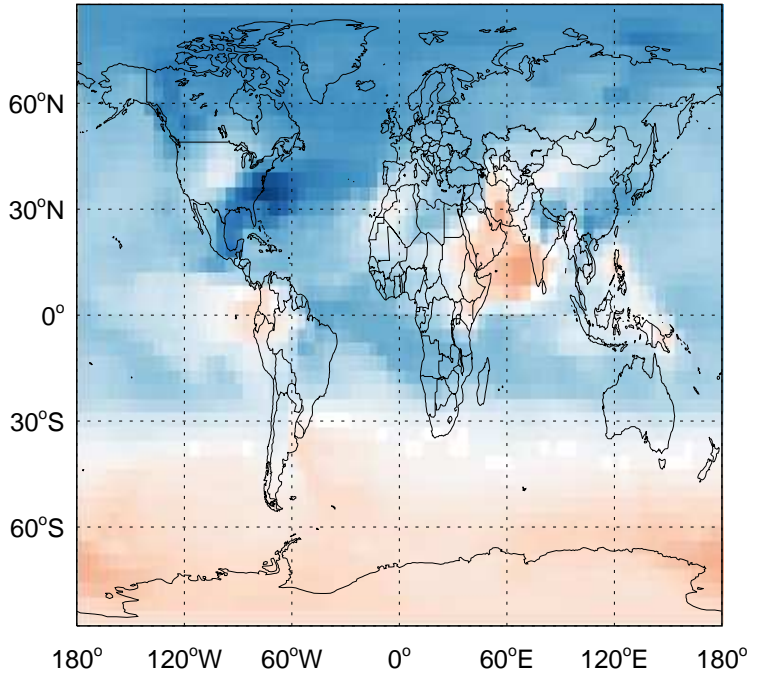


# GEOS-Chem Ratio Maps at surface and 500 hPa

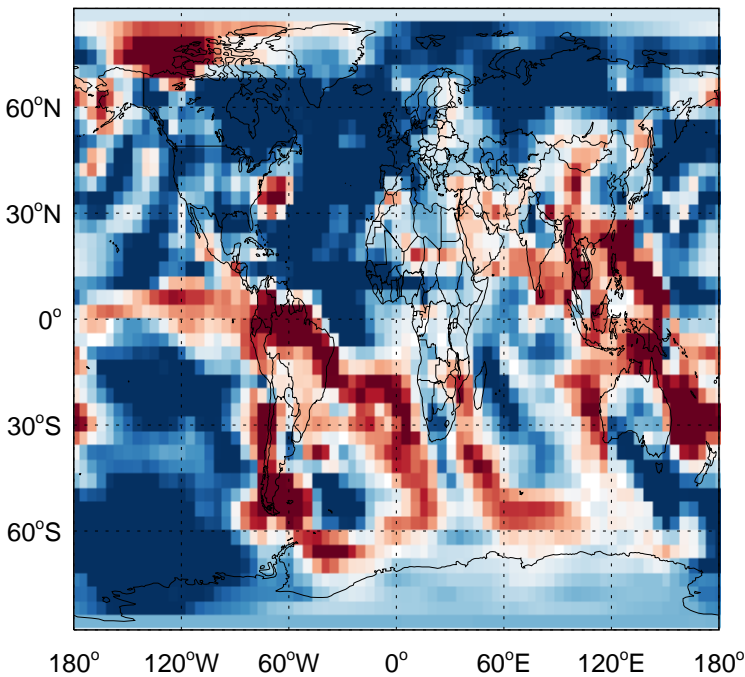
v11-02f-Run0 / v11-02e-Run1  
ISN1OA / Ratio @ Surface for Jul



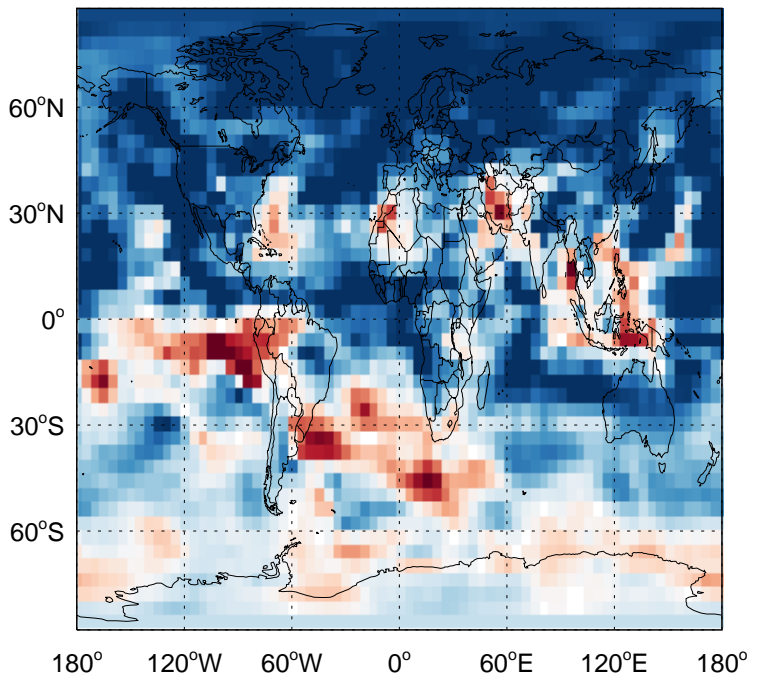
v11-02f-Run0 / v11-02e-Run1  
ISN1OA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ISN1OA / Ratio @ Surface for Jul

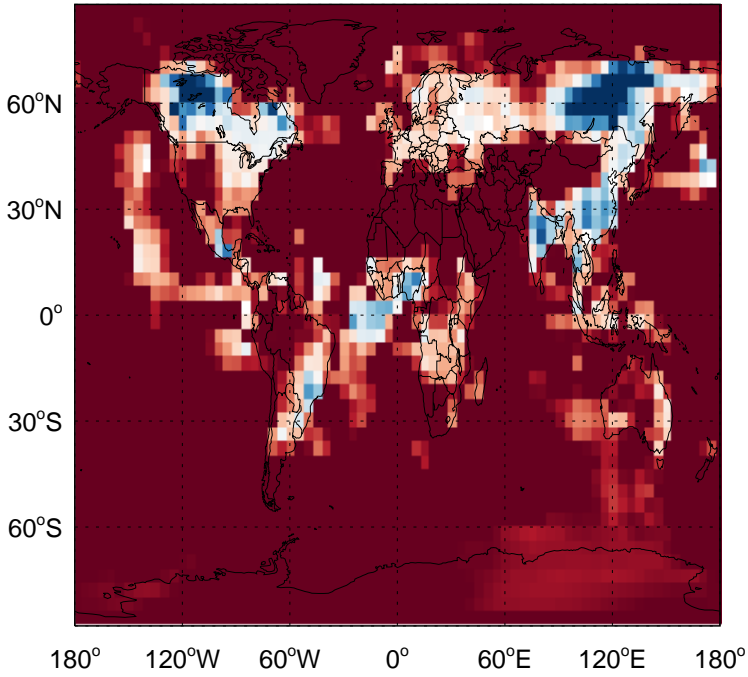


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ISN1OA/ Ratio @ 500 hPa for Jul

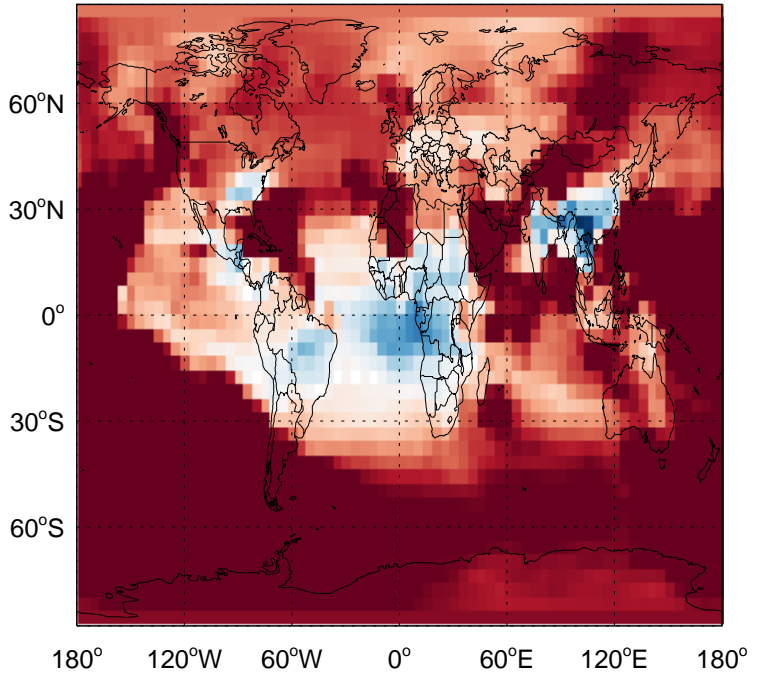


# GEOS-Chem Ratio Maps at surface and 500 hPa

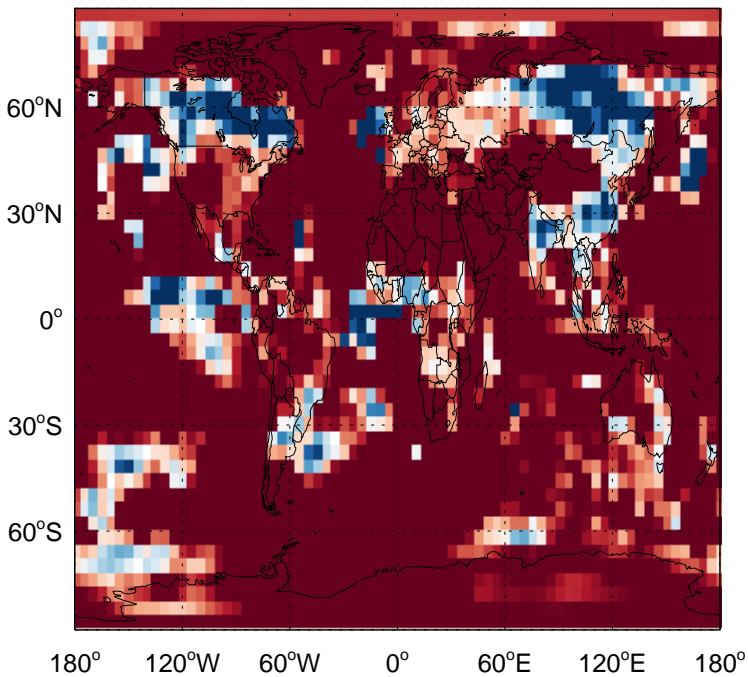
v11-02f-Run0 / v11-02e-Run1  
MONITS / Ratio @ Surface for Jul



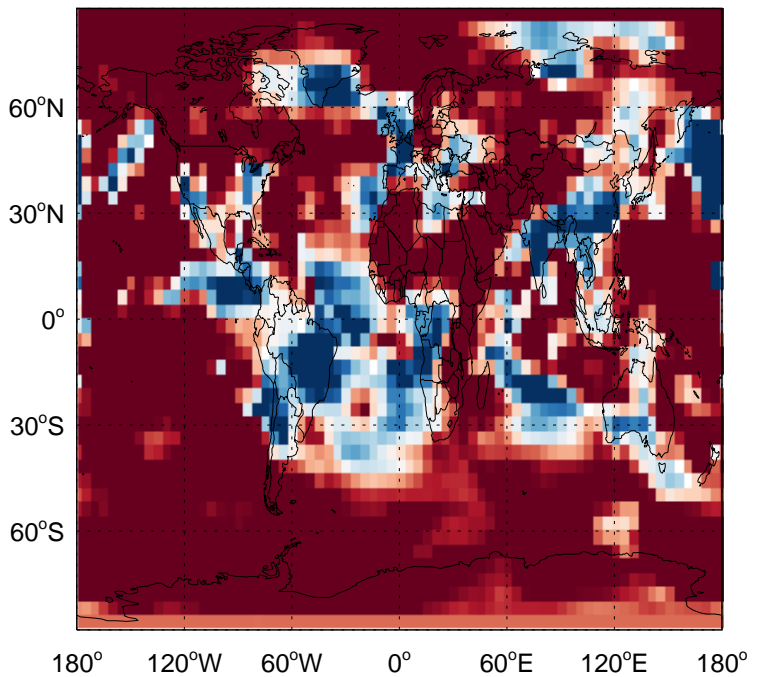
v11-02f-Run0 / v11-02e-Run1  
MONITS/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MONITS / Ratio @ Surface for Jul



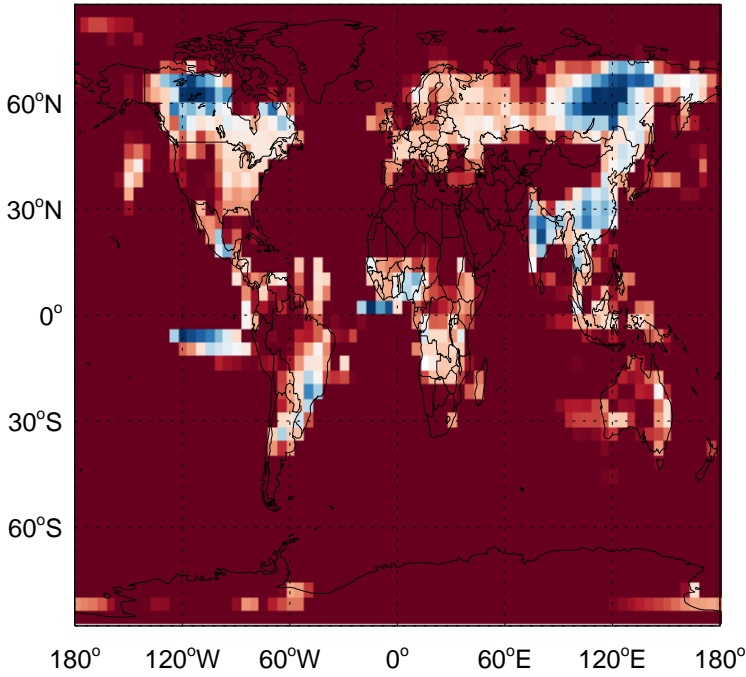
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MONITS/ Ratio @ 500 hPa for Jul



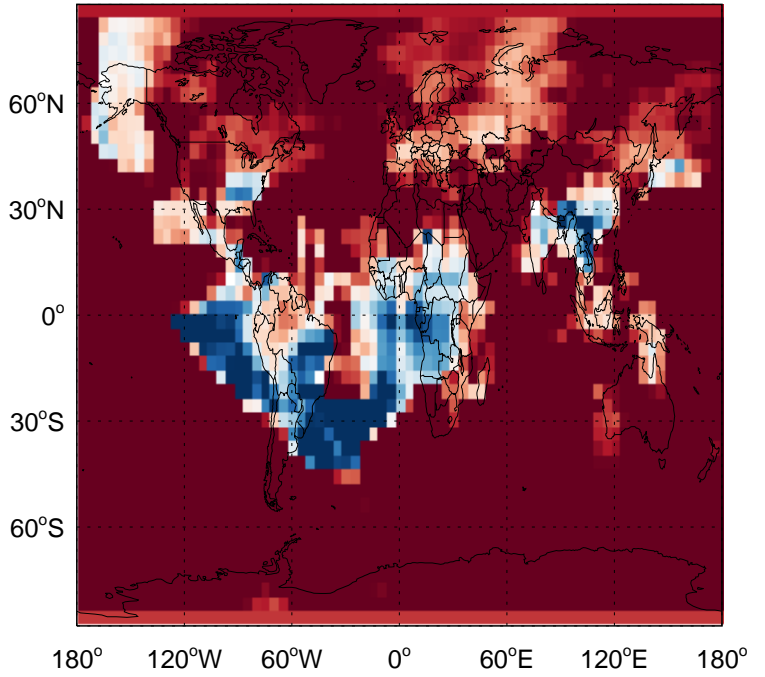


# GEOS-Chem Ratio Maps at surface and 500 hPa

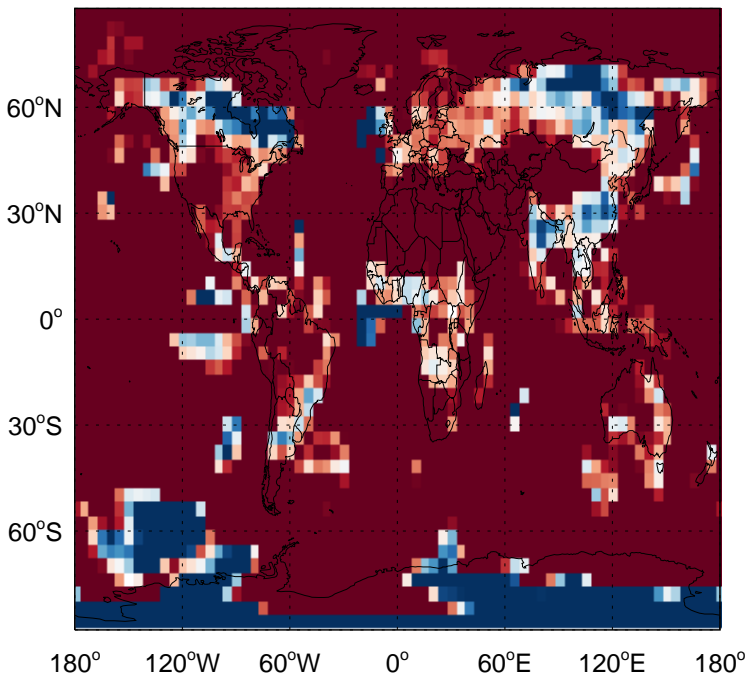
v11-02f-Run0 / v11-02e-Run1  
MONITU / Ratio @ Surface for Jul



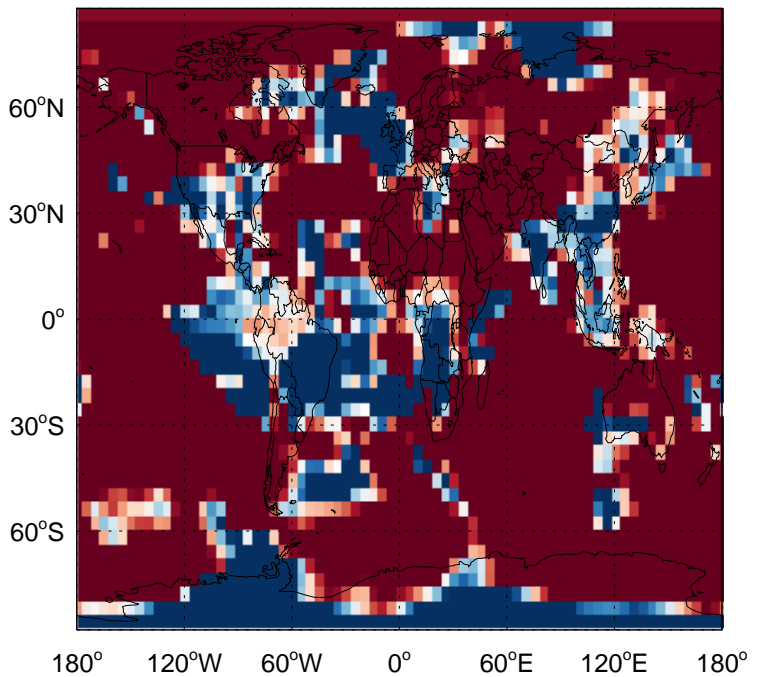
v11-02f-Run0 / v11-02e-Run1  
MONITU/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MONITU / Ratio @ Surface for Jul

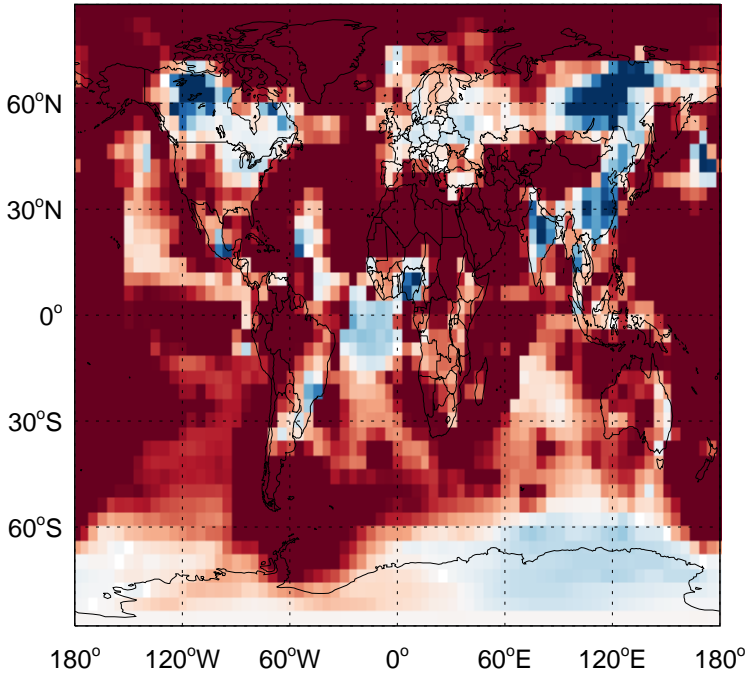


v11-02f-Run0 / v11-02e-Run0  
MONITU/ Ratio @ 500 hPa for Jul

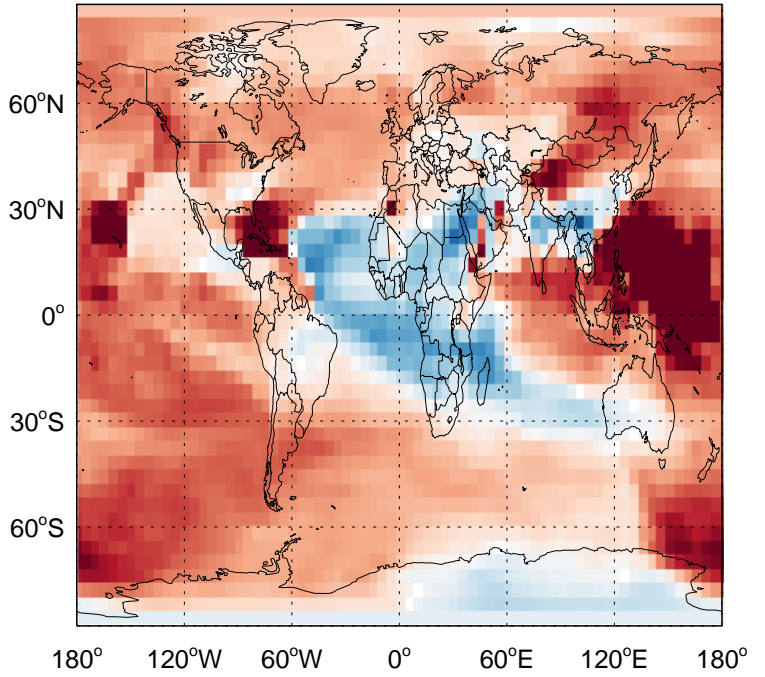


# GEOS-Chem Ratio Maps at surface and 500 hPa

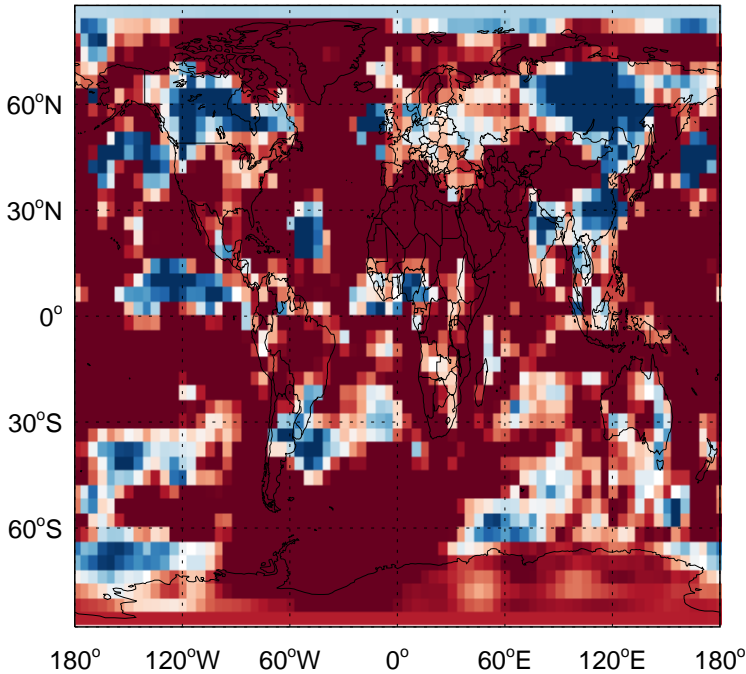
v11-02f-Run0 / v11-02e-Run1  
HONIT / Ratio @ Surface for Jul



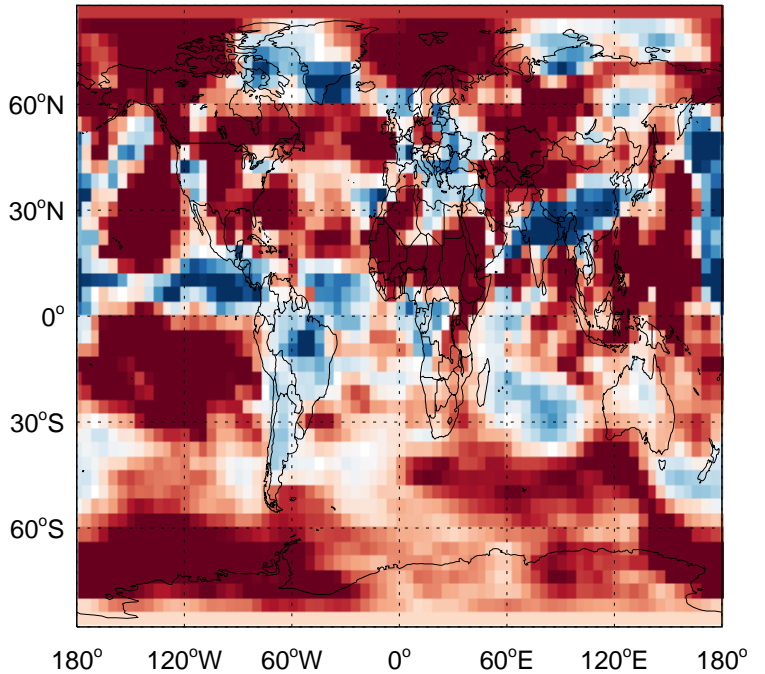
v11-02f-Run0 / v11-02e-Run1  
HONIT/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HONIT / Ratio @ Surface for Jul

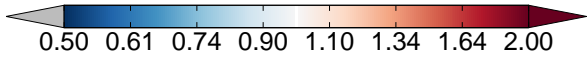
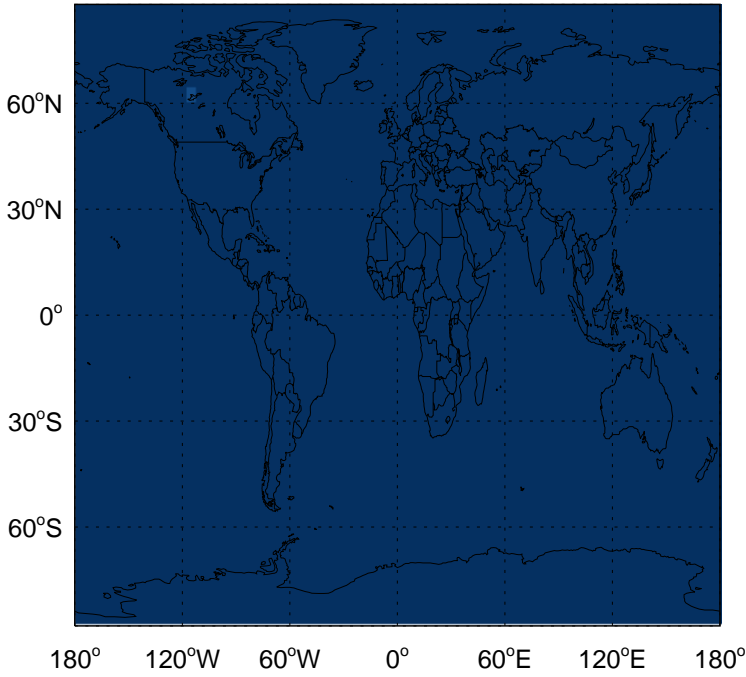


v11-02f-Run0 / v11-02e-Run0  
HONIT/ Ratio @ 500 hPa for Jul

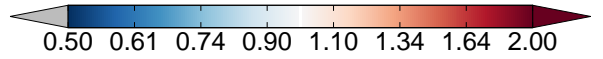
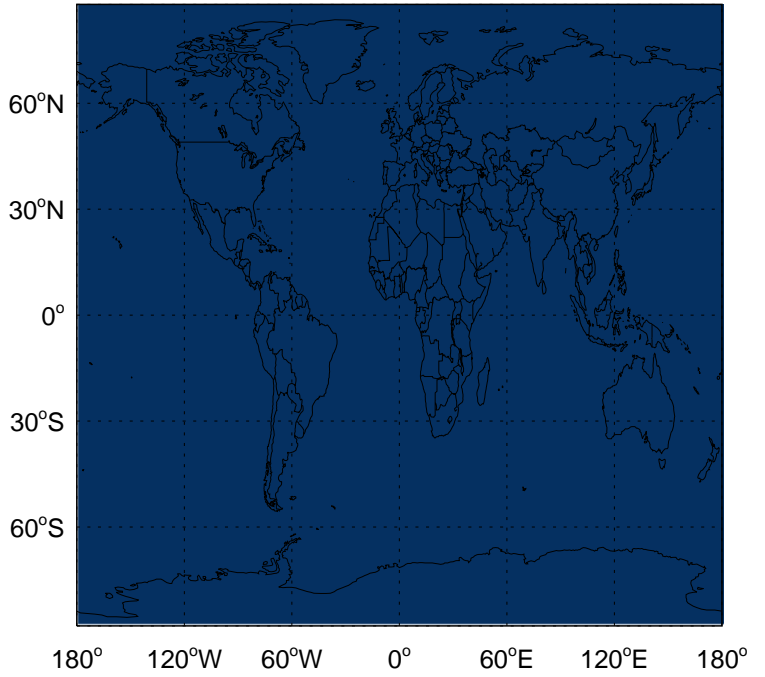


# GEOS-Chem Ratio Maps at surface and 500 hPa

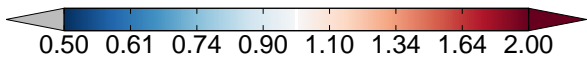
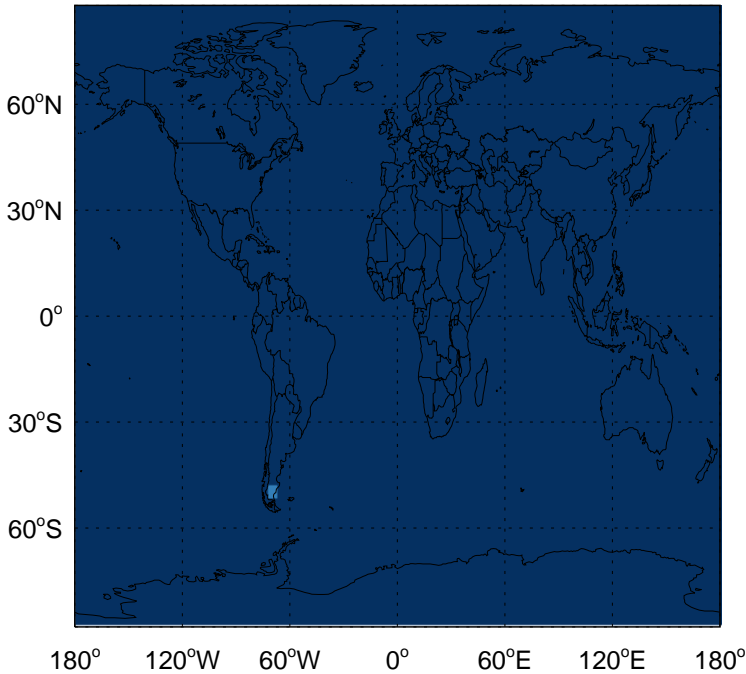
v11-02f-Run0 / v11-02e-Run1  
IONITA / Ratio @ Surface for Jul



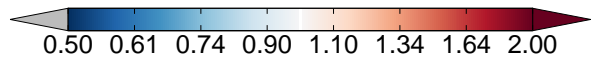
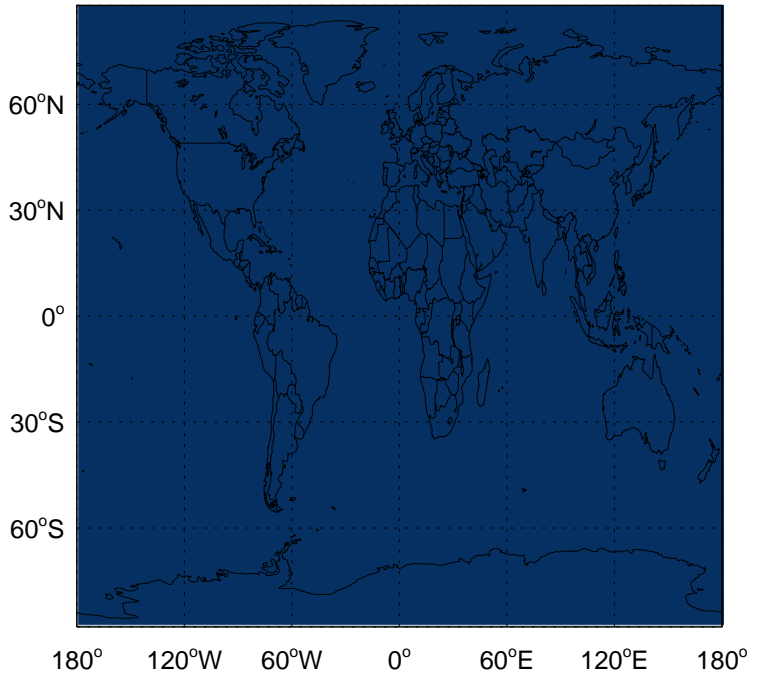
v11-02f-Run0 / v11-02e-Run1  
IONITA / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
IONITA / Ratio @ Surface for Jul

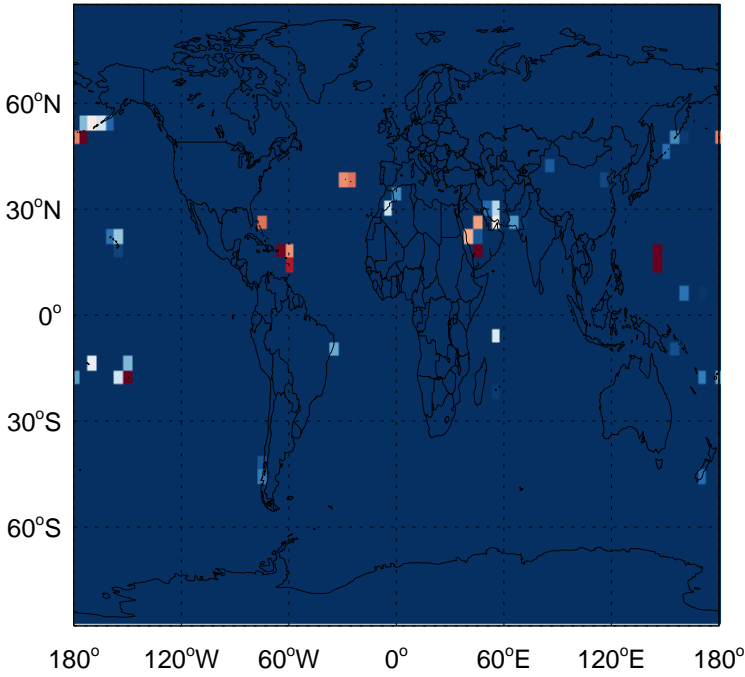


v11-02f-Run0 / v11-02e-Run0  
IONITA / Ratio @ 500 hPa for Jul

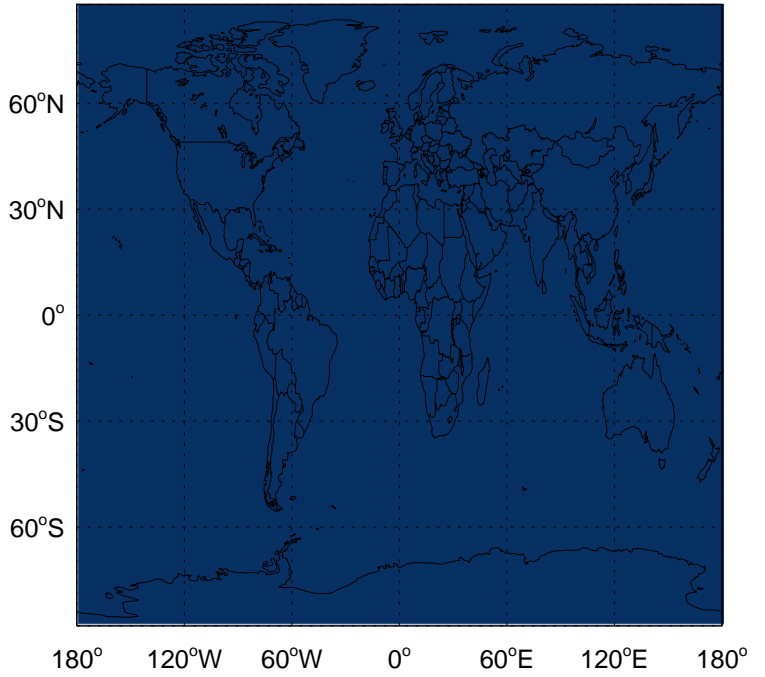


# GEOS-Chem Ratio Maps at surface and 500 hPa

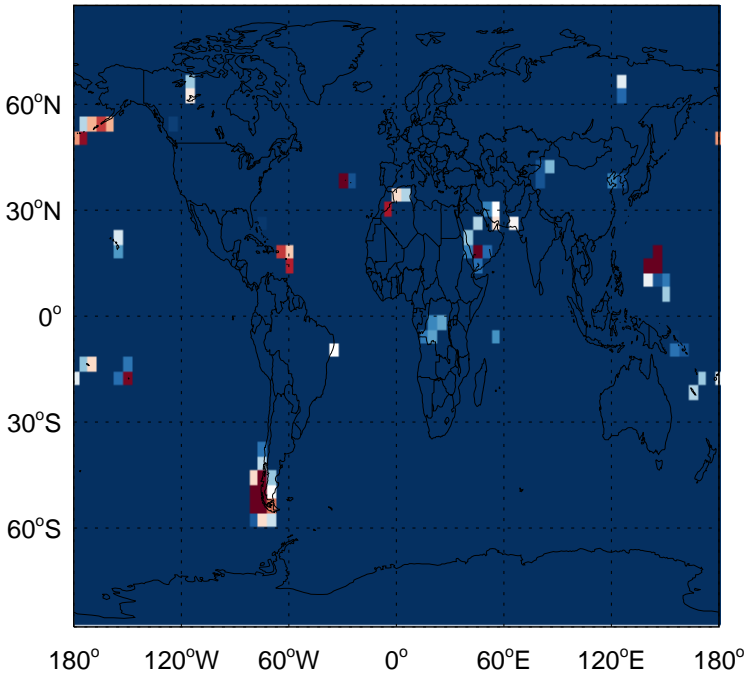
v11-02f-Run0 / v11-02e-Run1  
MONITA / Ratio @ Surface for Jul



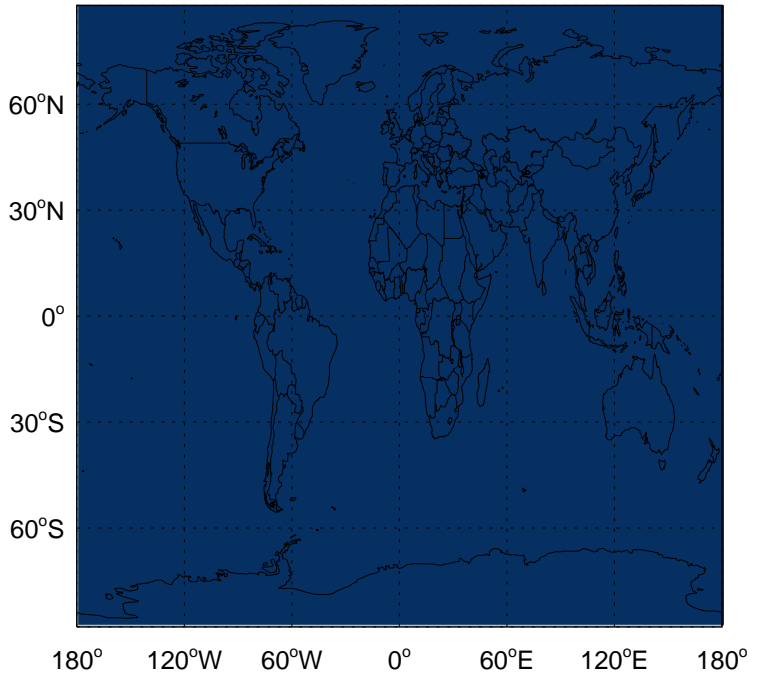
v11-02f-Run0 / v11-02e-Run1  
MONITA/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
MONITA / Ratio @ Surface for Jul

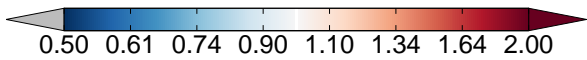
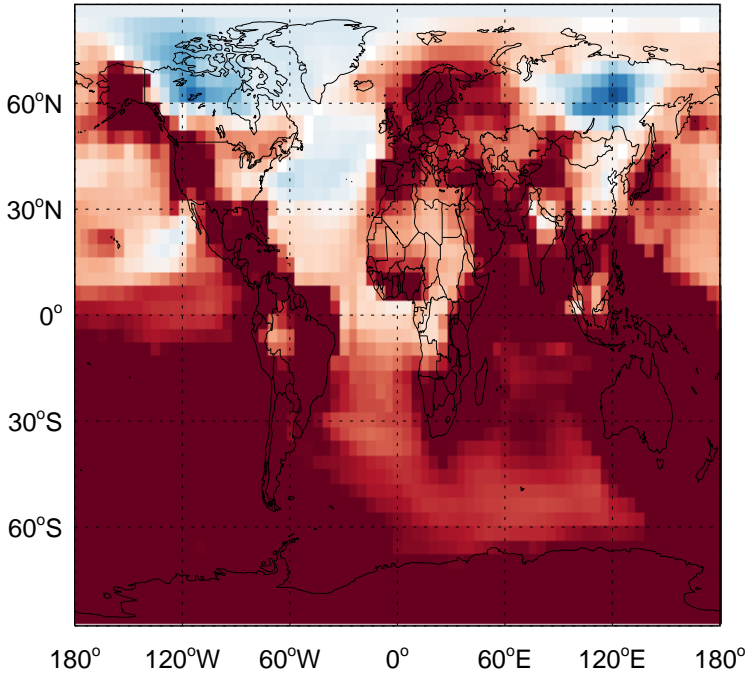


v11-02f-Run0 / v11-02e-Run0  
MONITA/ Ratio @ 500 hPa for Jul

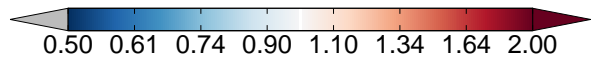
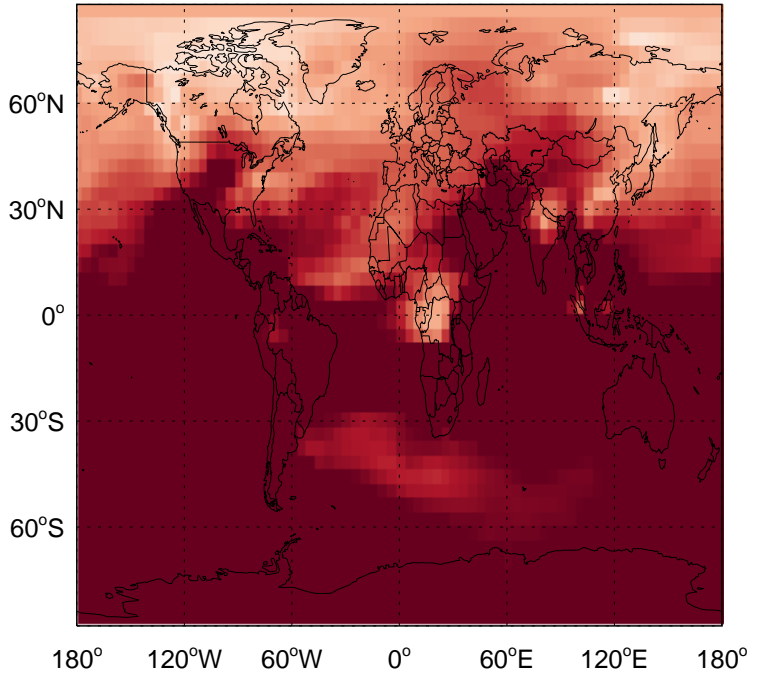


# GEOS-Chem Ratio Maps at surface and 500 hPa

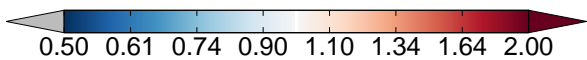
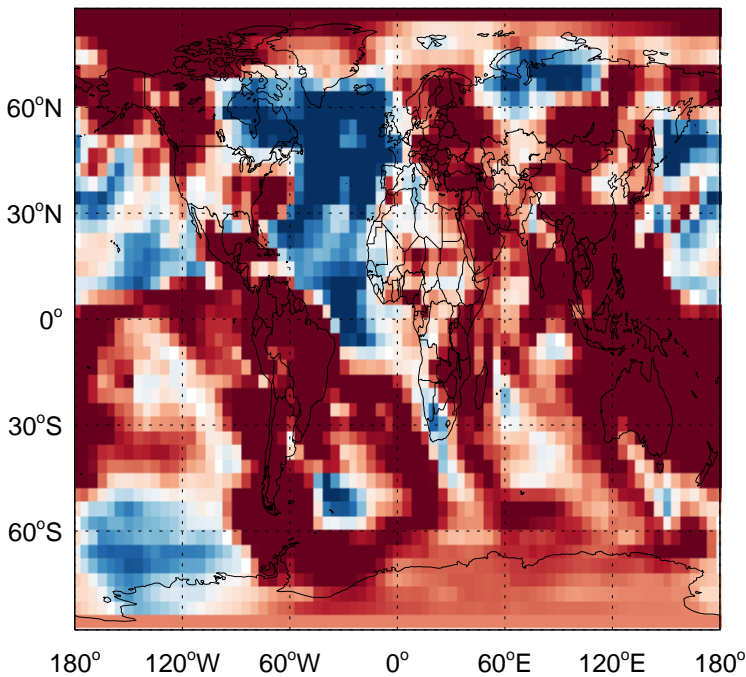
v11-02f-Run0 / v11-02e-Run1  
INDIOL / Ratio @ Surface for Jul



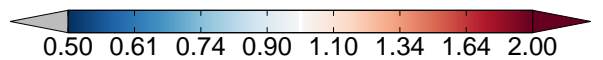
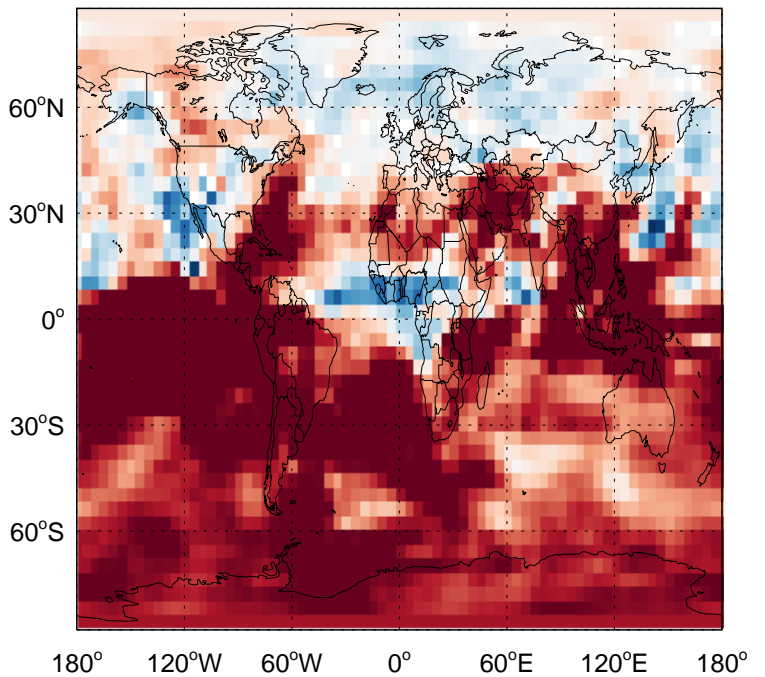
v11-02f-Run0 / v11-02e-Run1  
INDIOL / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
INDIOL / Ratio @ Surface for Jul

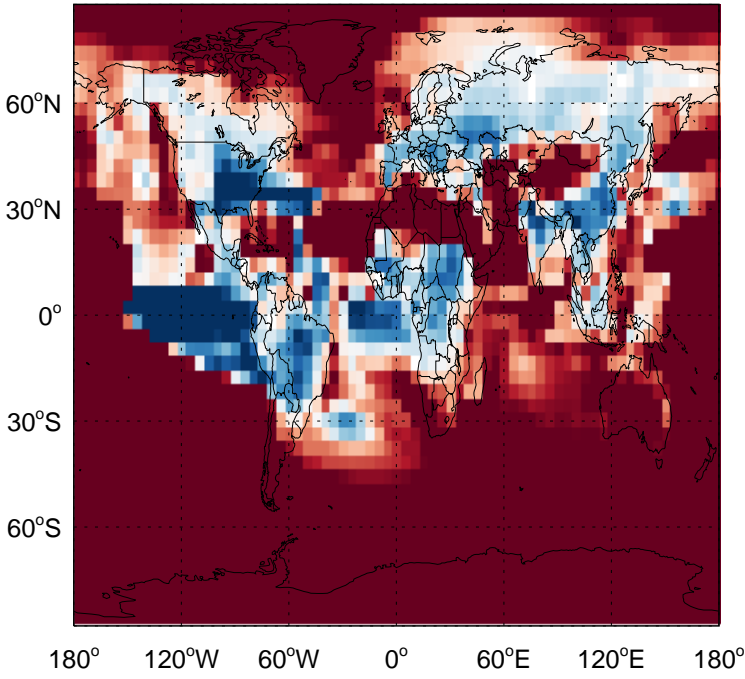


v11-02f-Run0 / v11-02e-Run0  
INDIOL / Ratio @ 500 hPa for Jul

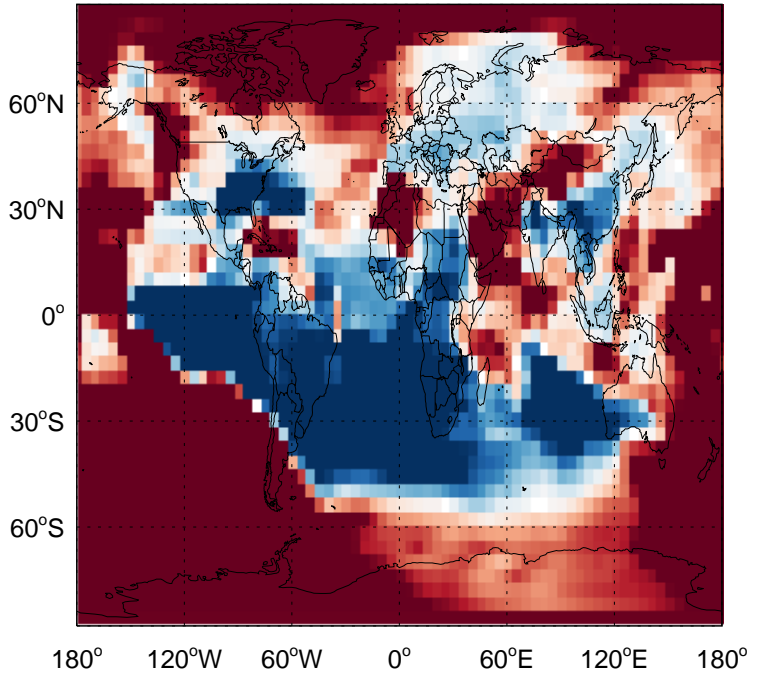


# GEOS-Chem Ratio Maps at surface and 500 hPa

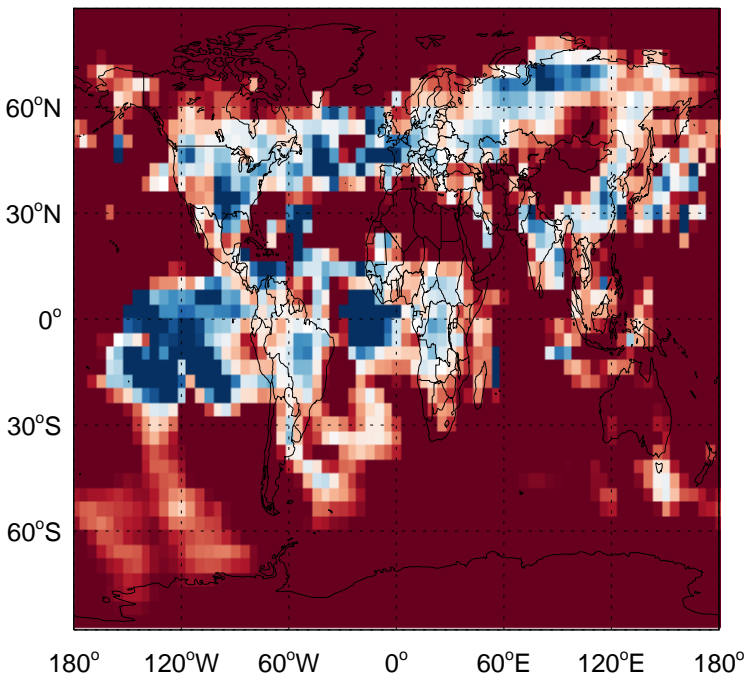
v11-02f-Run0 / v11-02e-Run1  
IPMN / Ratio @ Surface for Jul



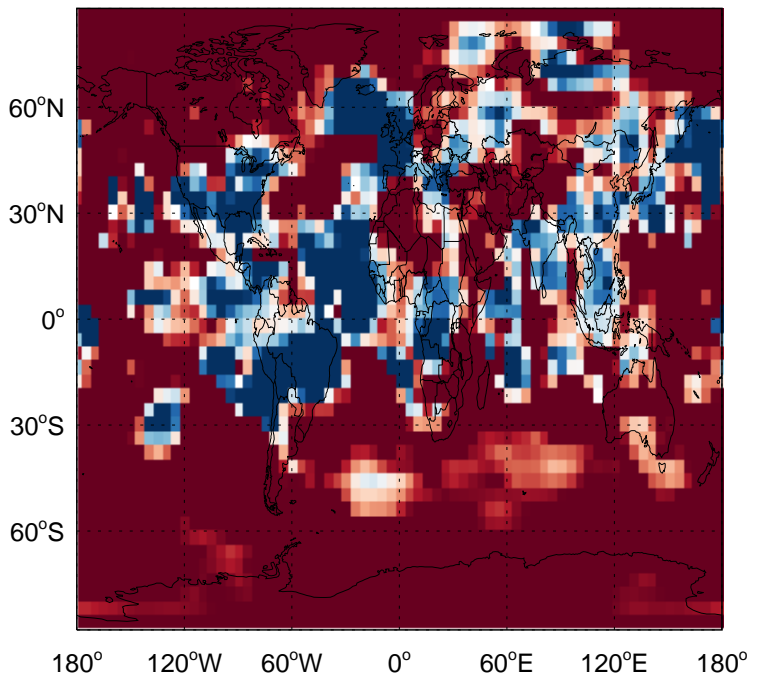
v11-02f-Run0 / v11-02e-Run1  
IPMN/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
IPMN / Ratio @ Surface for Jul

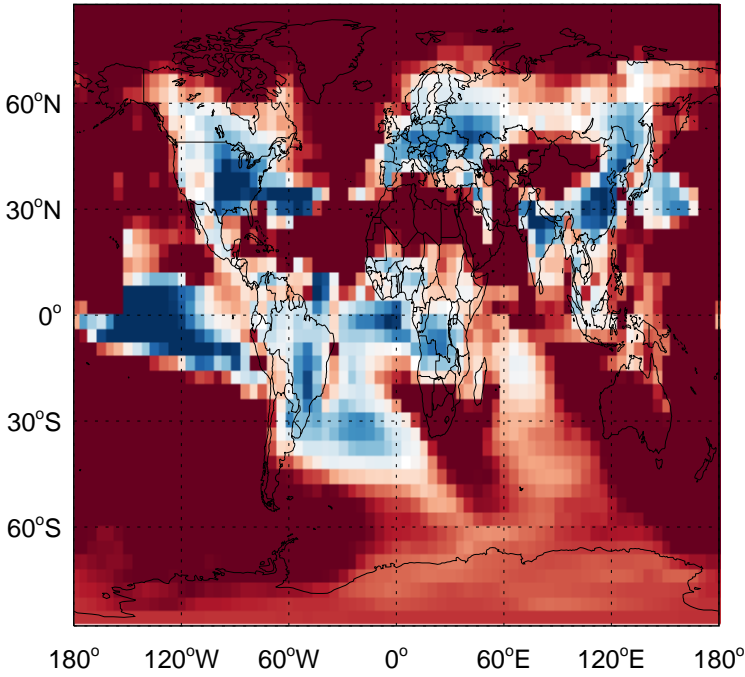


v11-02f-Run0 / v11-02e-Run0  
IPMN/ Ratio @ 500 hPa for Jul

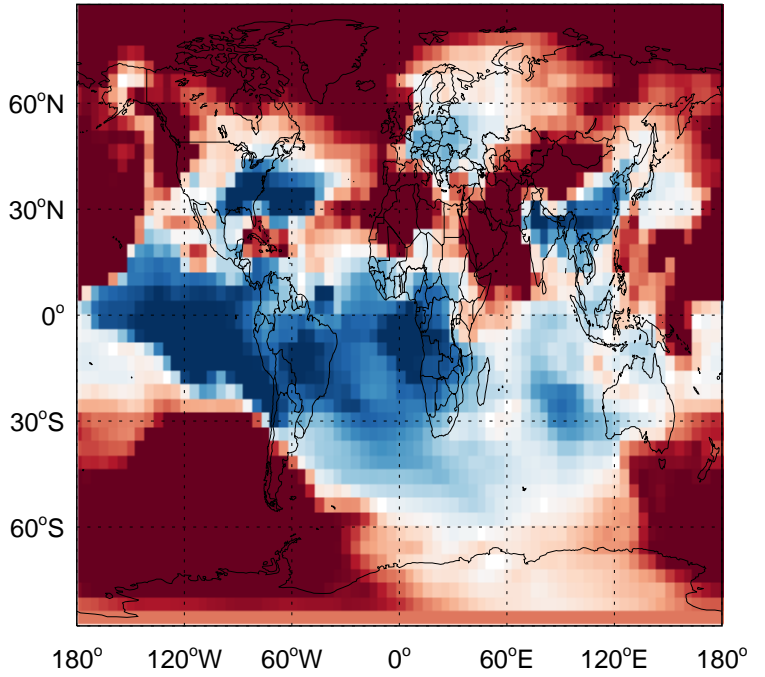


# GEOS-Chem Ratio Maps at surface and 500 hPa

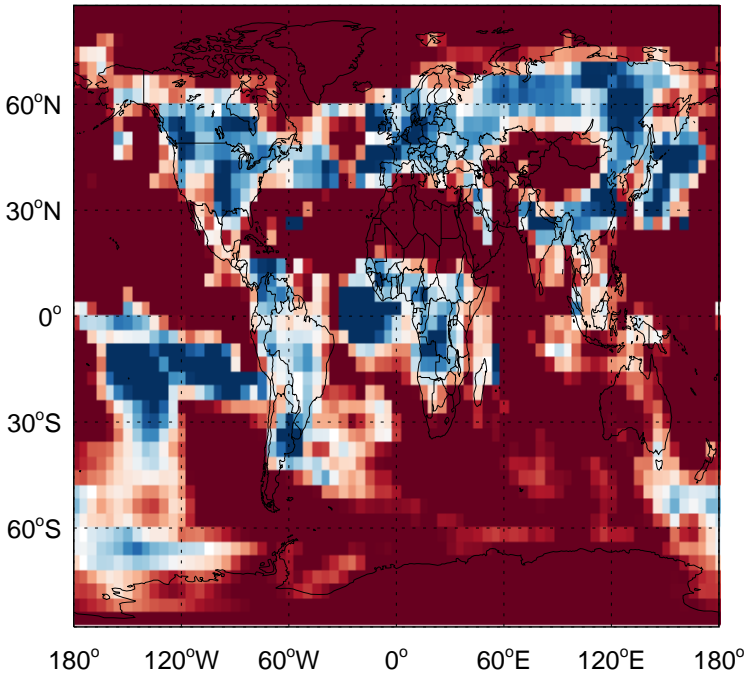
v11-02f-Run0 / v11-02e-Run1  
HC187 / Ratio @ Surface for Jul



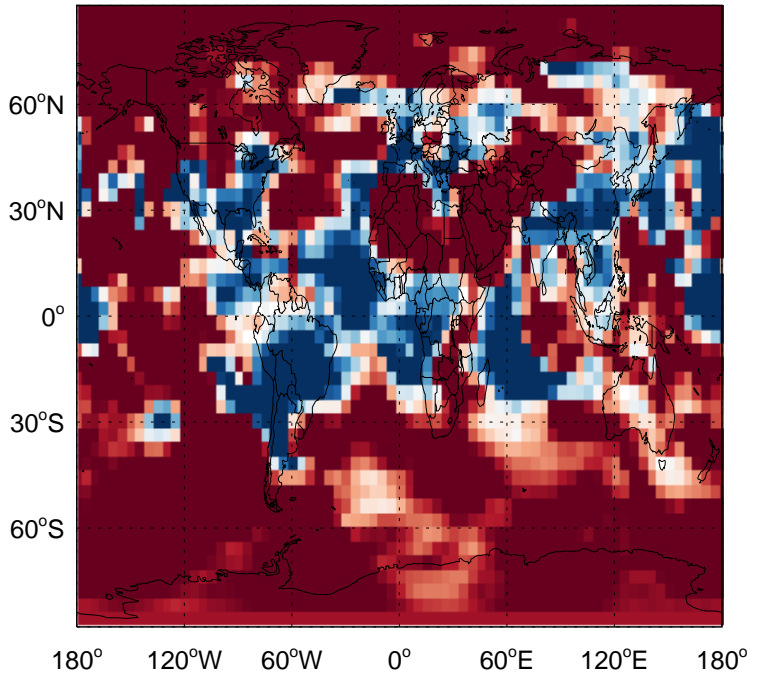
v11-02f-Run0 / v11-02e-Run1  
HC187/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HC187 / Ratio @ Surface for Jul



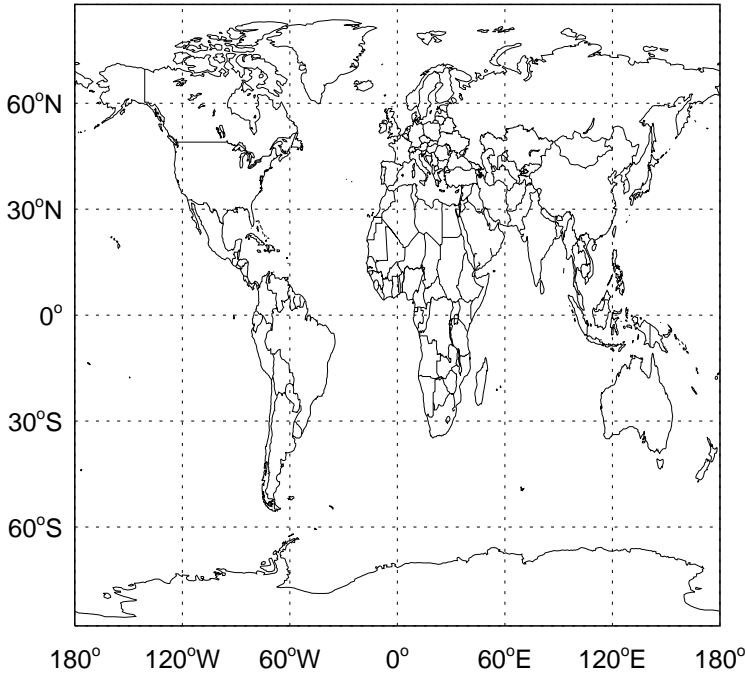
v11-02f-Run0 / v11-02e-Run0  
HC187/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

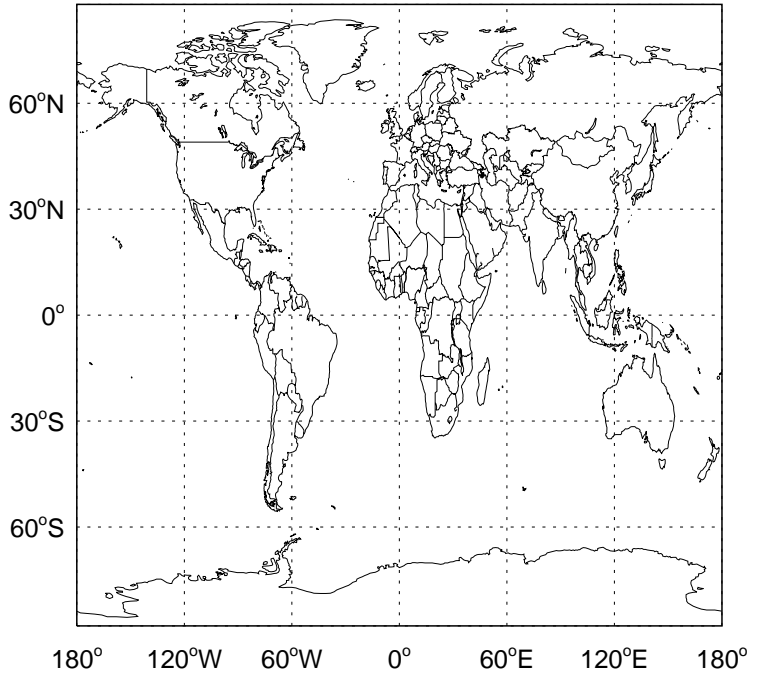
v11-02f-Run0 / v11-02e-Run1

N2O / Ratio @ Surface for Jul



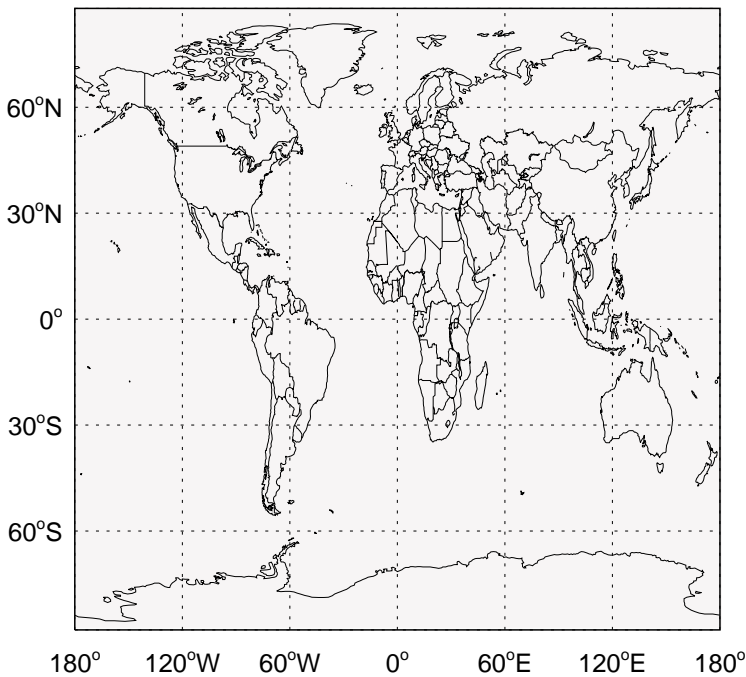
v11-02f-Run0 / v11-02e-Run1

N2O / Ratio @ 500 hPa for Jul



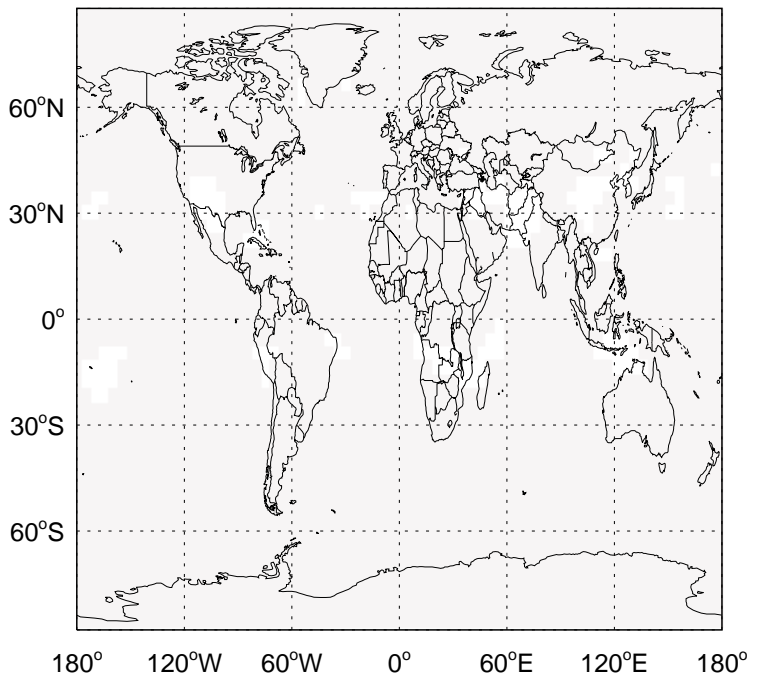
v11-02f-Run0 / v11-02e-Run0

N2O / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

N2O / Ratio @ 500 hPa for Jul





# GEOS-Chem Ratio Maps at surface and 500 hPa

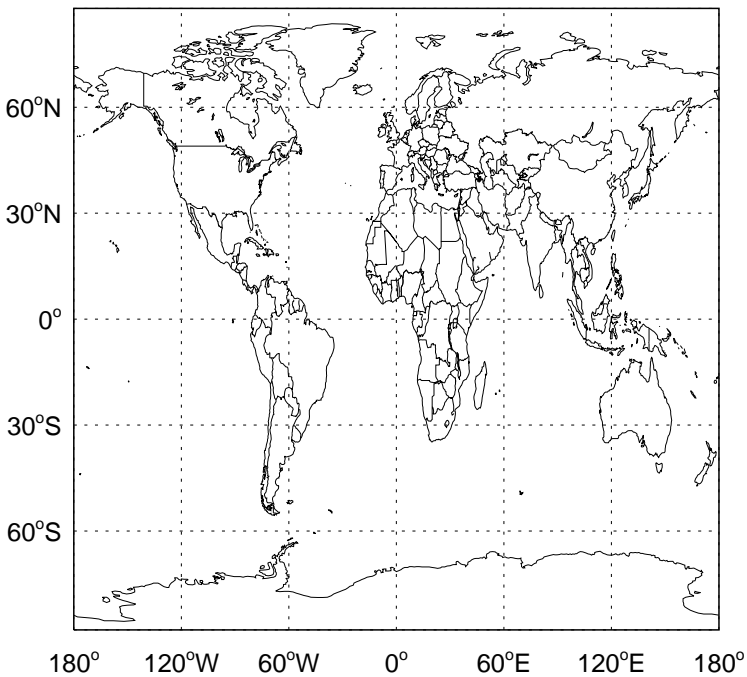
v11-02f-Run0 / v11-02e-Run1  
OCS / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run1  
OCS/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
OCS / Ratio @ Surface for Jul



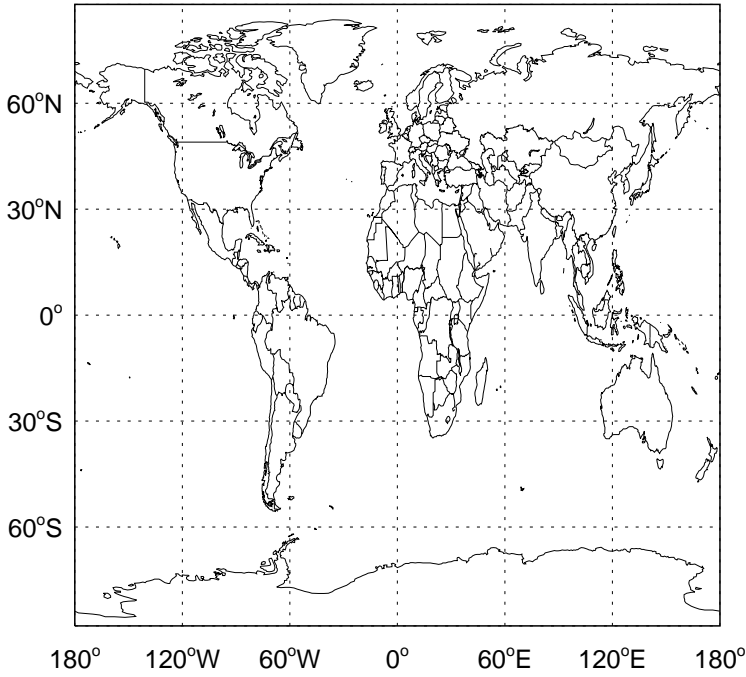
v11-02f-Run0 / v11-02e-Run0  
OCS/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02f-Run0 / v11-02e-Run1

CH4 / Ratio @ Surface for Jul



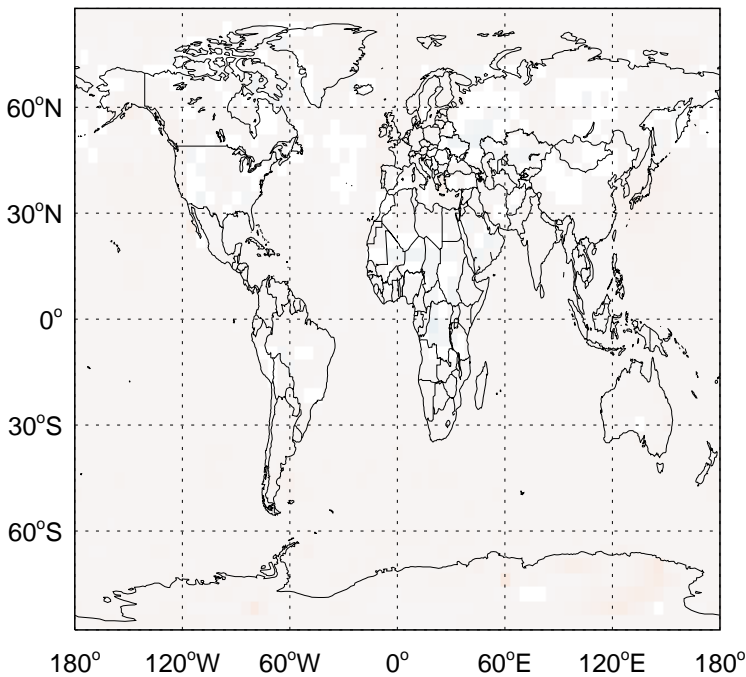
v11-02f-Run0 / v11-02e-Run1

CH4/ Ratio @ 500 hPa for Jul



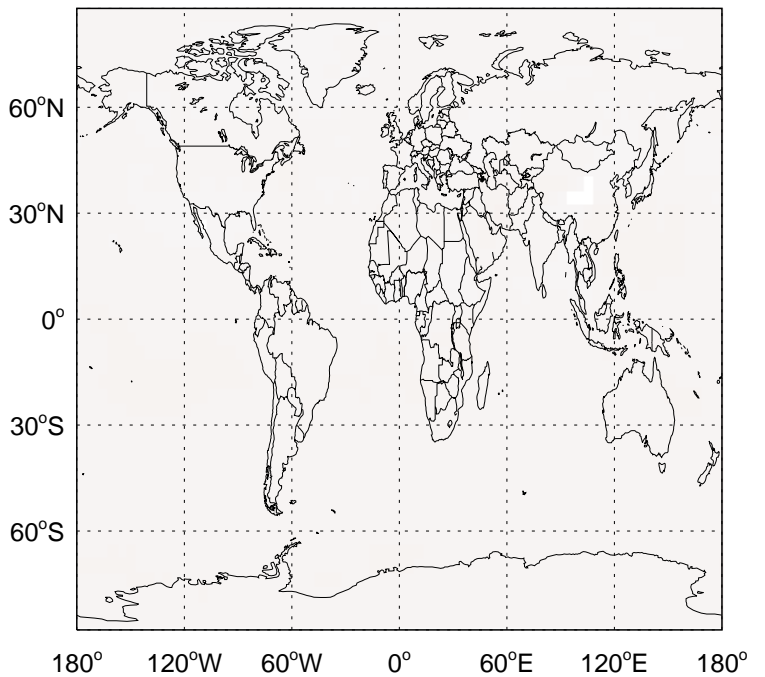
v11-02f-Run0 / v11-02e-Run0

CH4 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

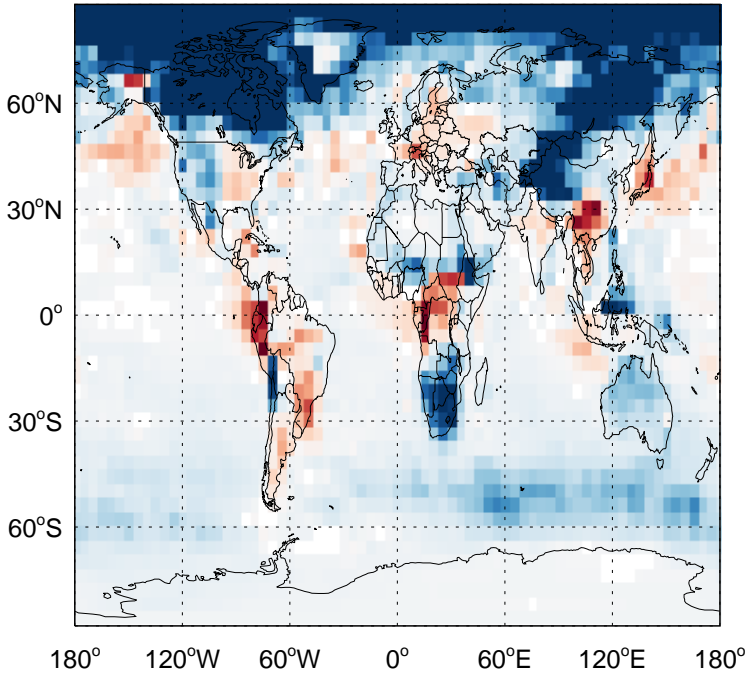
CH4/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

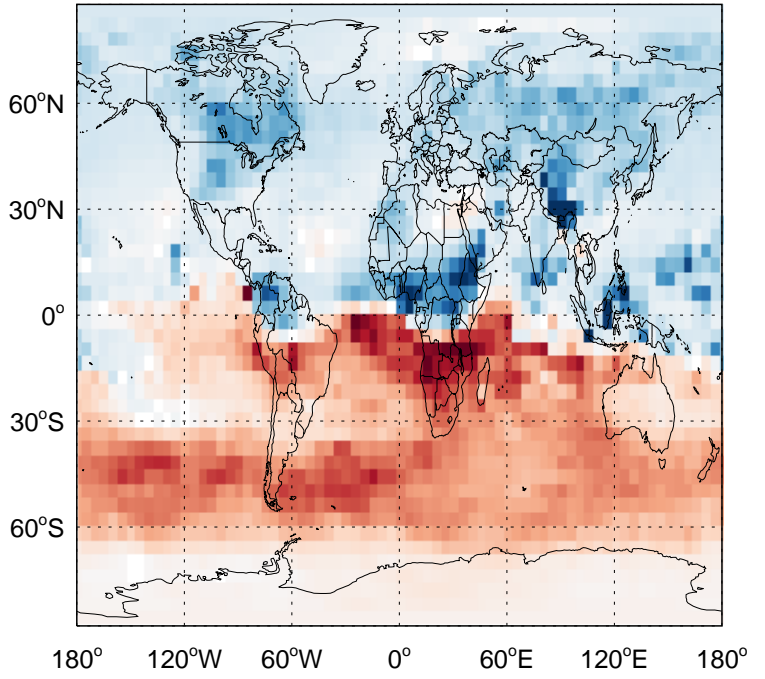
v11-02f-Run0 / v11-02e-Run1

BrCl / Ratio @ Surface for Jul



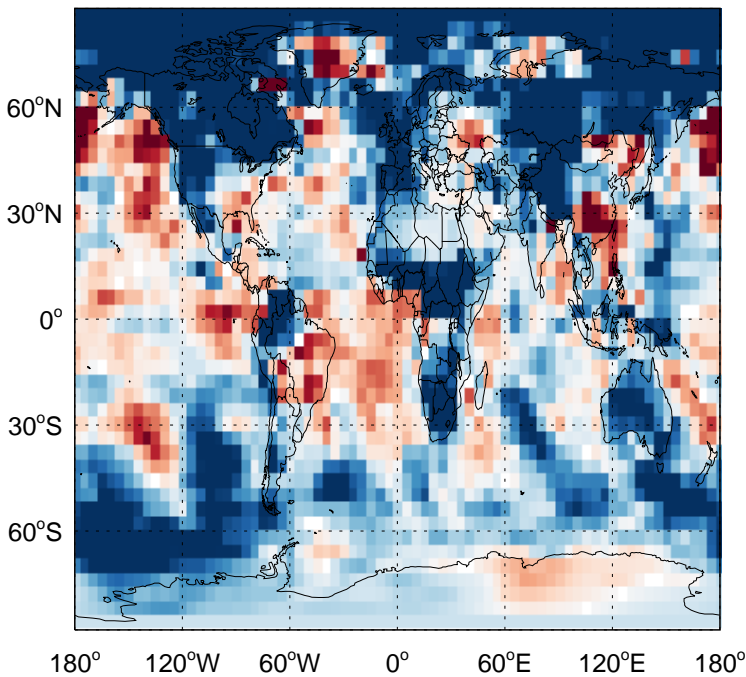
v11-02f-Run0 / v11-02e-Run1

BrCl / Ratio @ 500 hPa for Jul



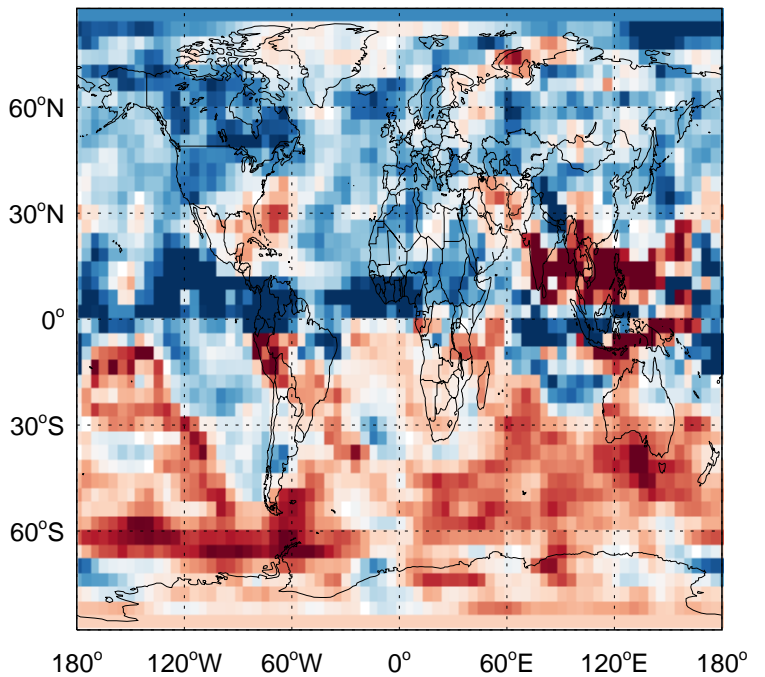
v11-02f-Run0 / v11-02e-Run0

BrCl / Ratio @ Surface for Jul



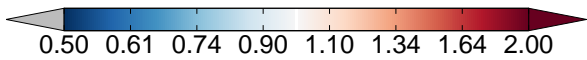
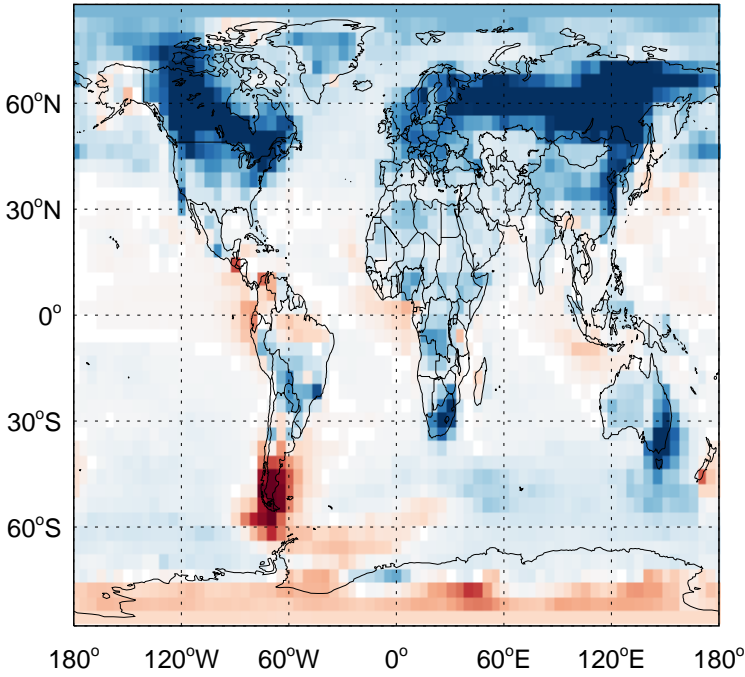
v11-02f-Run0 / v11-02e-Run0

BrCl / Ratio @ 500 hPa for Jul

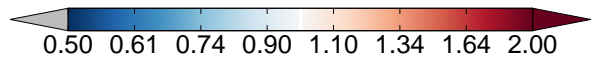
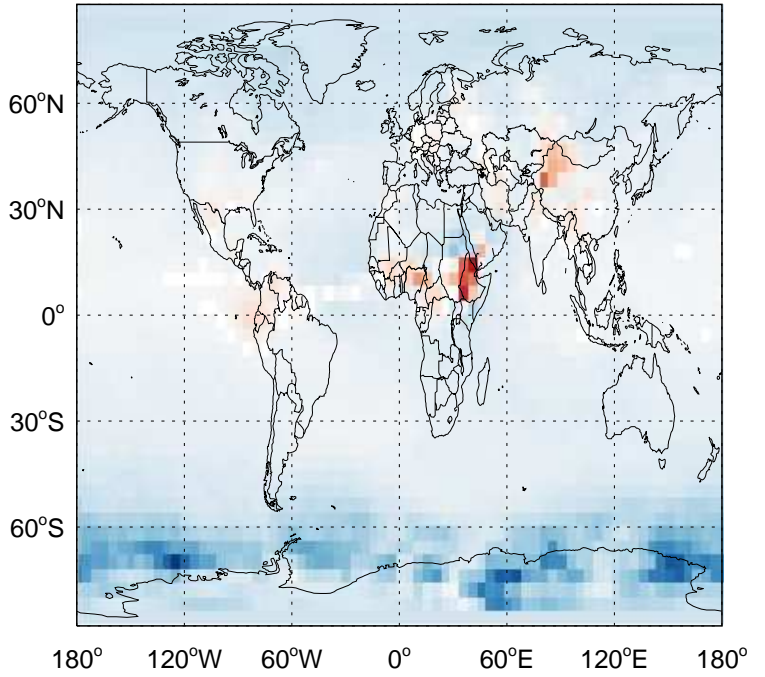


# GEOS-Chem Ratio Maps at surface and 500 hPa

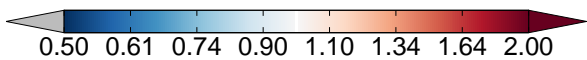
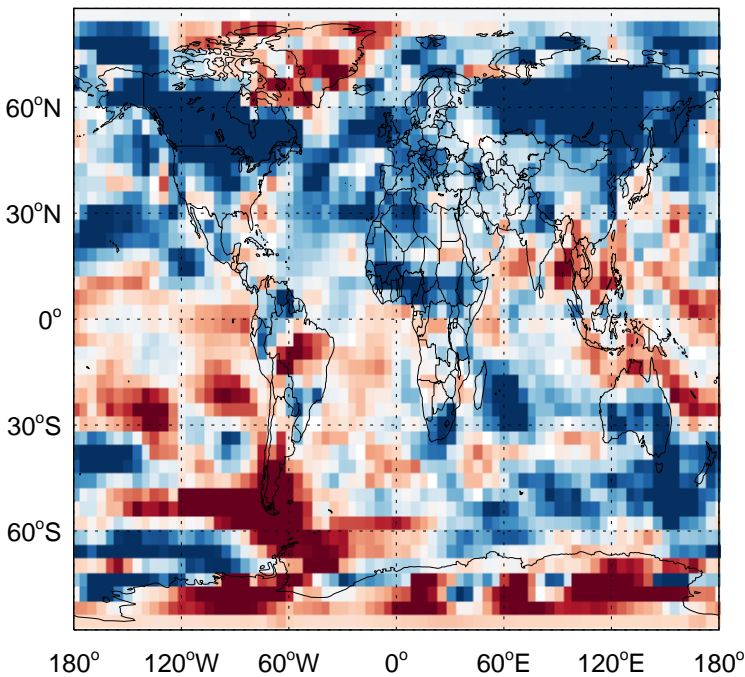
v11-02f-Run0 / v11-02e-Run1  
HCl / Ratio @ Surface for Jul



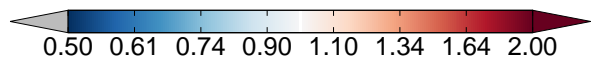
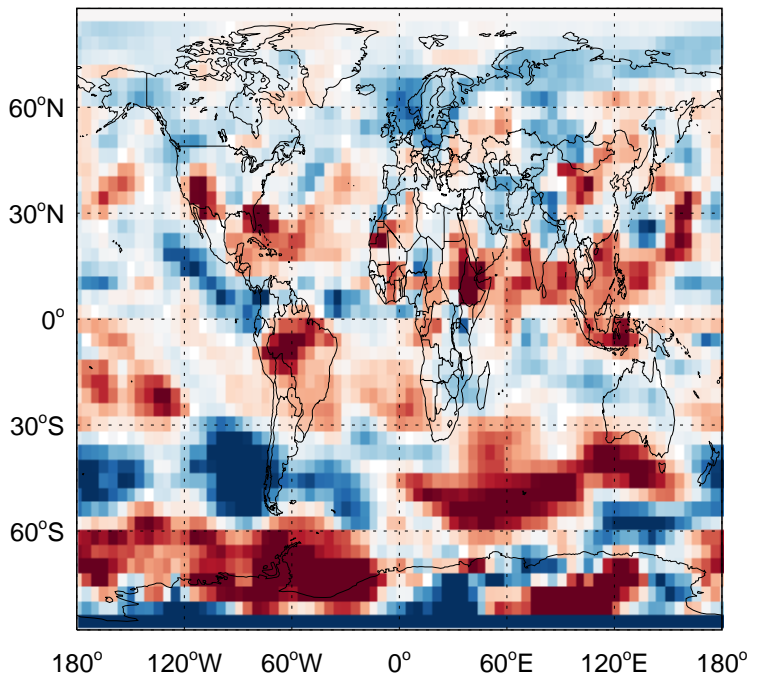
v11-02f-Run0 / v11-02e-Run1  
HCl / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HCl / Ratio @ Surface for Jul

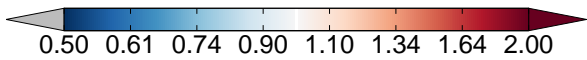
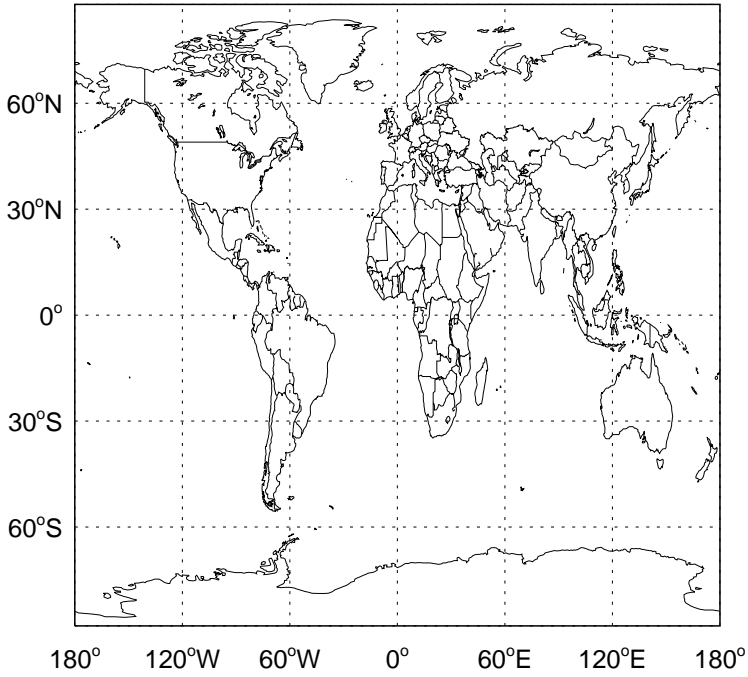


v11-02f-Run0 / v11-02e-Run0  
HCl / Ratio @ 500 hPa for Jul

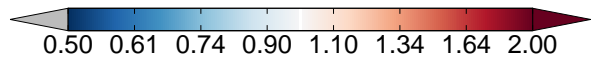


# GEOS-Chem Ratio Maps at surface and 500 hPa

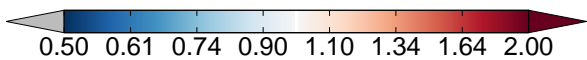
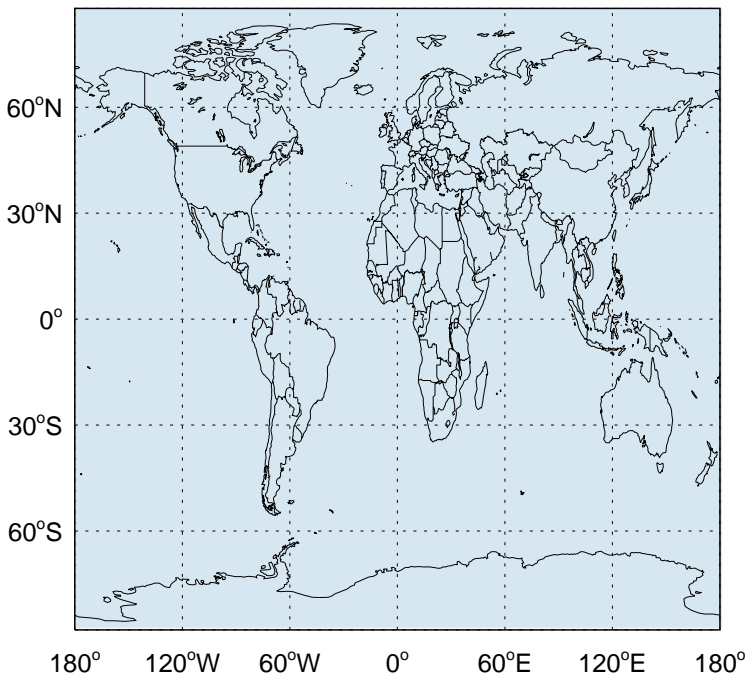
v11-02f-Run0 / v11-02e-Run1  
CCI4 / Ratio @ Surface for Jul



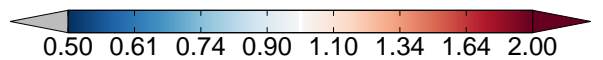
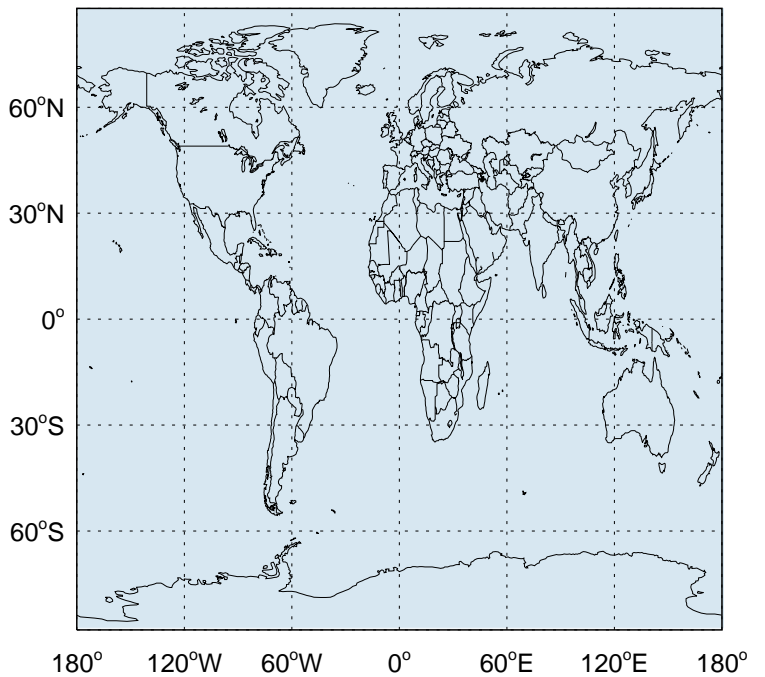
v11-02f-Run0 / v11-02e-Run1  
CCI4/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CCI4 / Ratio @ Surface for Jul

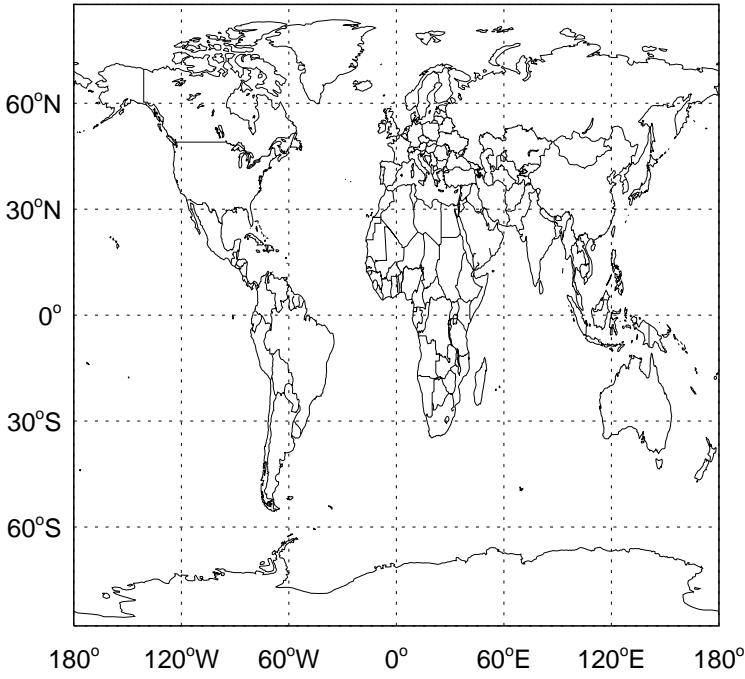


v11-02f-Run0 / v11-02e-Run0  
CCI4/ Ratio @ 500 hPa for Jul

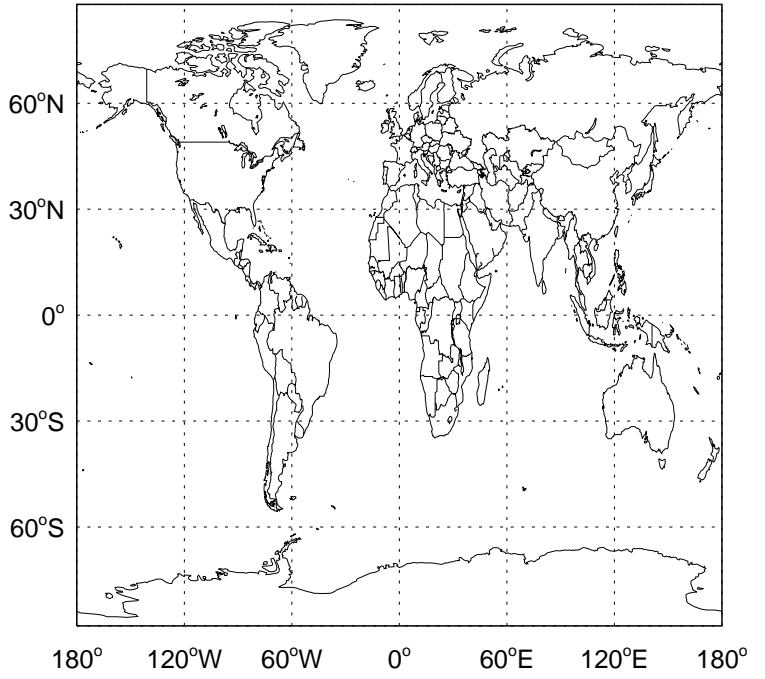


# GEOS-Chem Ratio Maps at surface and 500 hPa

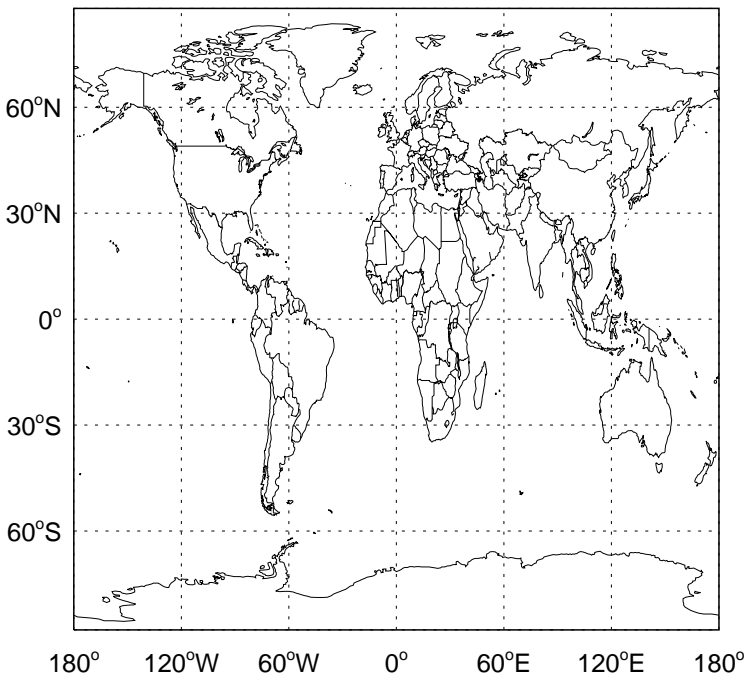
v11-02f-Run0 / v11-02e-Run1  
CH3Cl / Ratio @ Surface for Jul



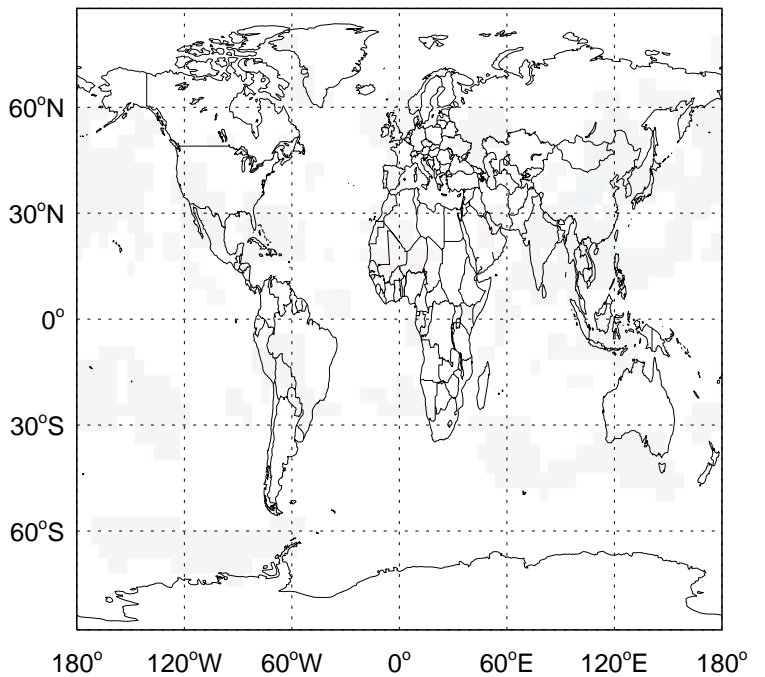
v11-02f-Run0 / v11-02e-Run1  
CH3Cl / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CH3Cl / Ratio @ Surface for Jul

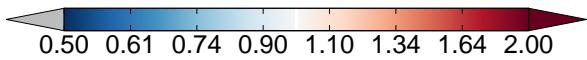
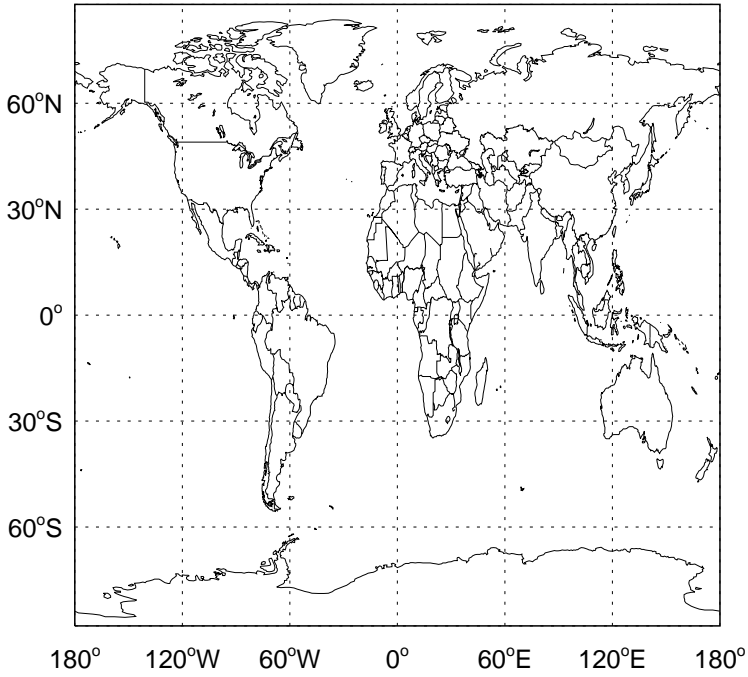


v11-02f-Run0 / v11-02e-Run0  
CH3Cl / Ratio @ 500 hPa for Jul

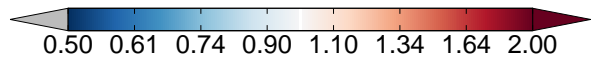


# GEOS-Chem Ratio Maps at surface and 500 hPa

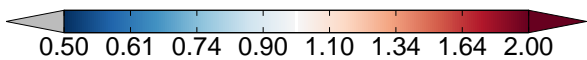
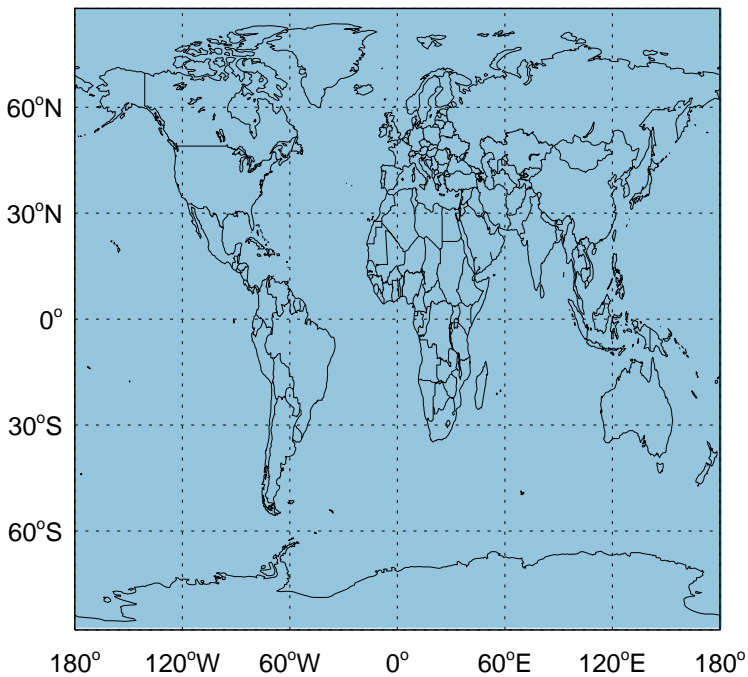
v11-02f-Run0 / v11-02e-Run1  
CH3CCI3 / Ratio @ Surface for Jul



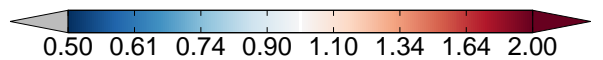
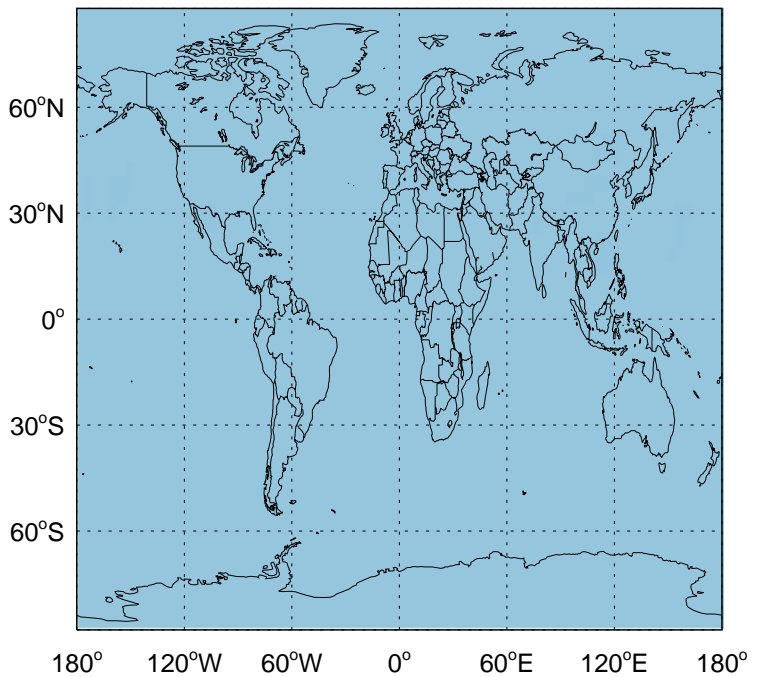
v11-02f-Run0 / v11-02e-Run1  
CH3CCI3/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CH3CCI3 / Ratio @ Surface for Jul

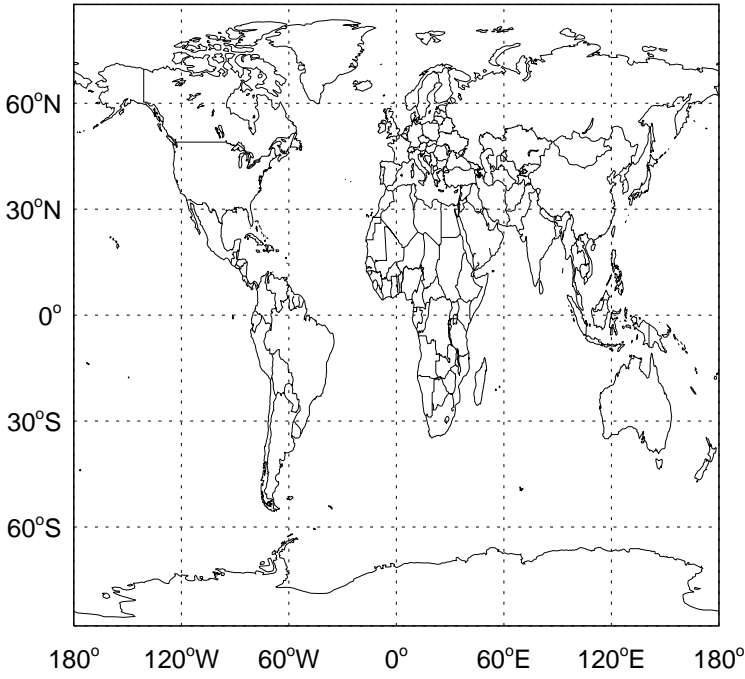


v11-02f-Run0 / v11-02e-Run0  
CH3CCI3/ Ratio @ 500 hPa for Jul

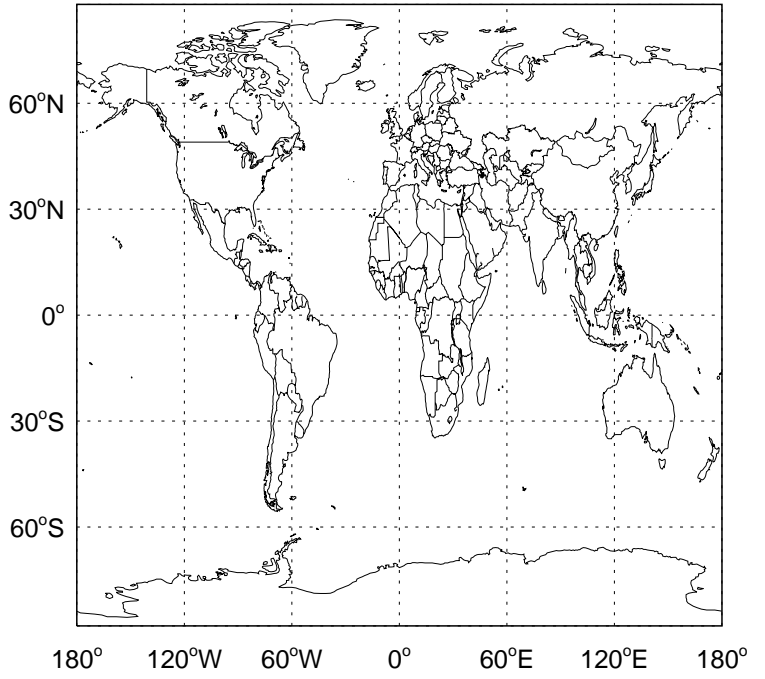


# GEOS-Chem Ratio Maps at surface and 500 hPa

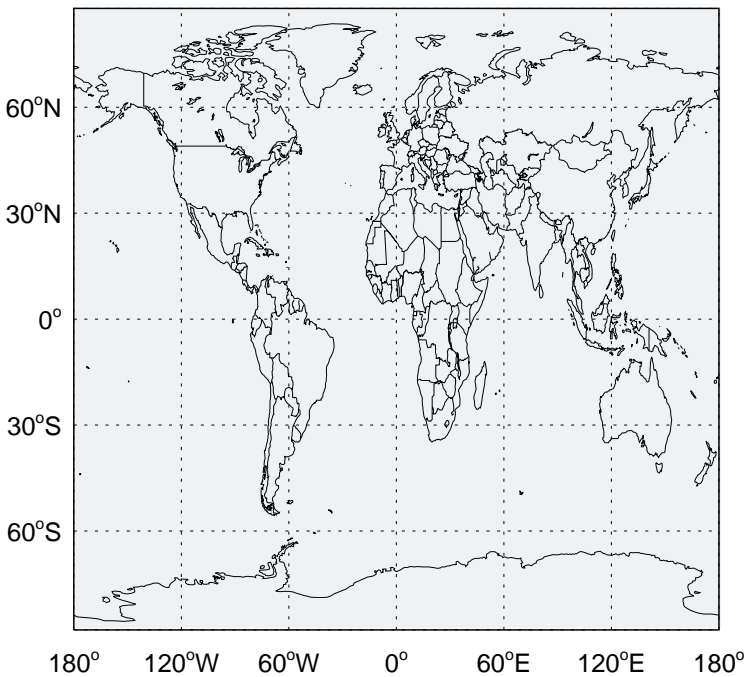
v11-02f-Run0 / v11-02e-Run1  
CFC113 / Ratio @ Surface for Jul



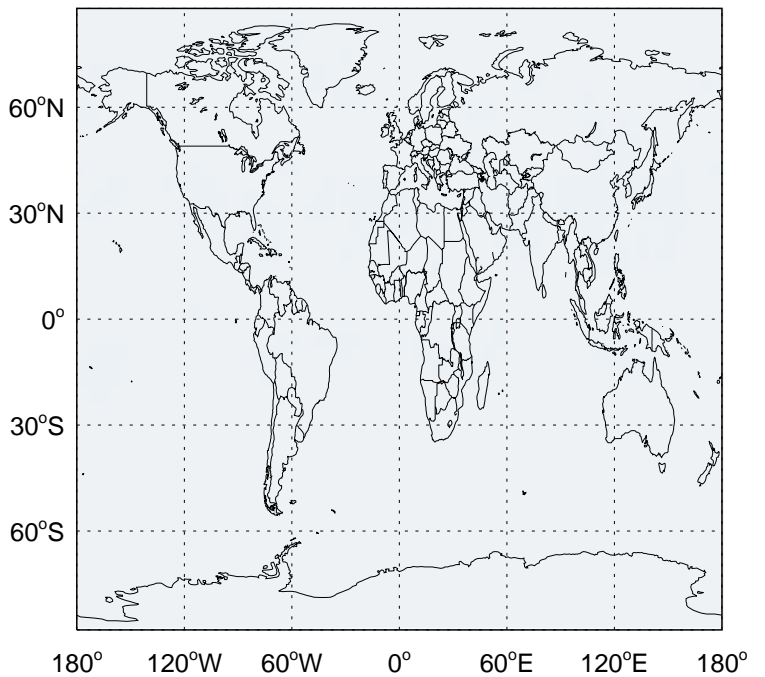
v11-02f-Run0 / v11-02e-Run1  
CFC113/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC113 / Ratio @ Surface for Jul



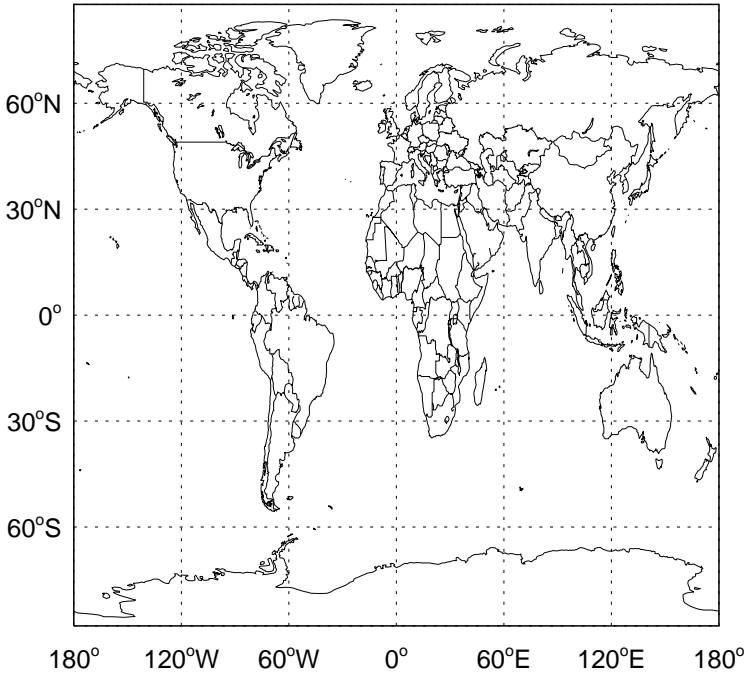
v11-02f-Run0 / v11-02e-Run0  
CFC113/ Ratio @ 500 hPa for Jul





# GEOS-Chem Ratio Maps at surface and 500 hPa

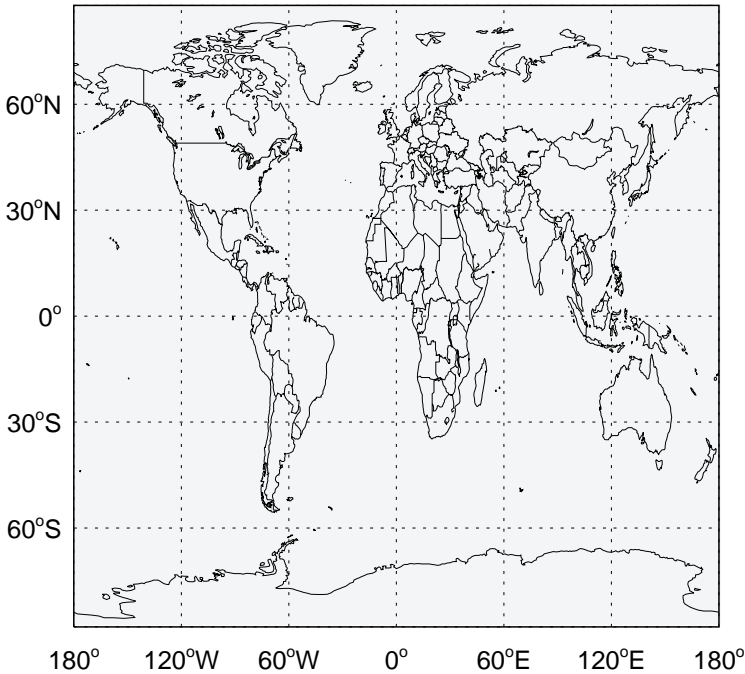
v11-02f-Run0 / v11-02e-Run1  
CFC114 / Ratio @ Surface for Jul



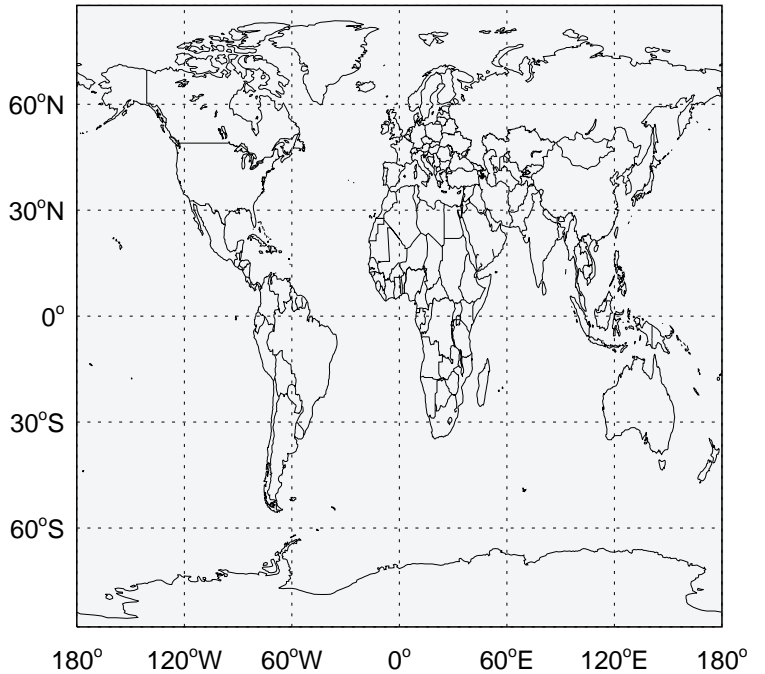
v11-02f-Run0 / v11-02e-Run1  
CFC114/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC114 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC114/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

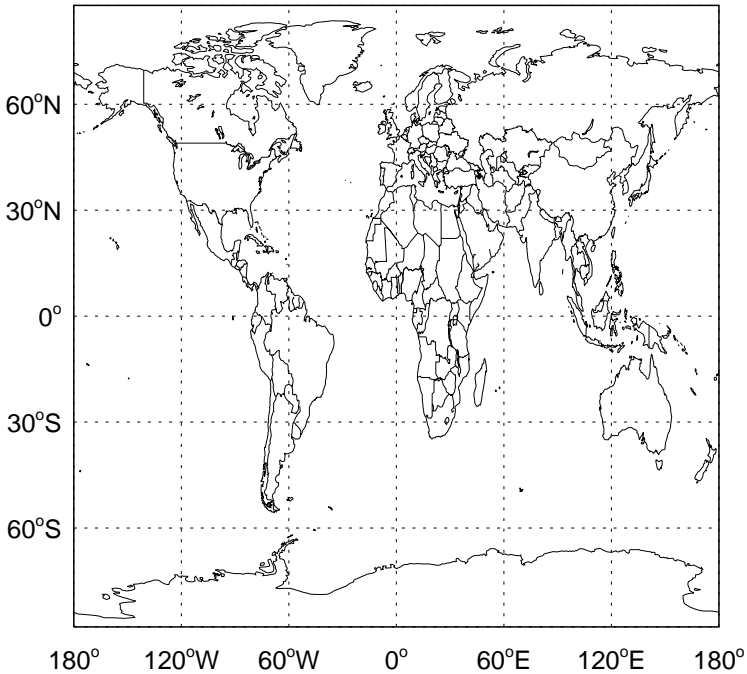
v11-02f-Run0 / v11-02e-Run1  
CFC115 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run1  
CFC115/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC115 / Ratio @ Surface for Jul

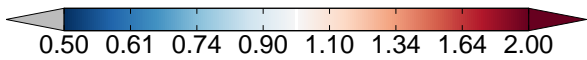
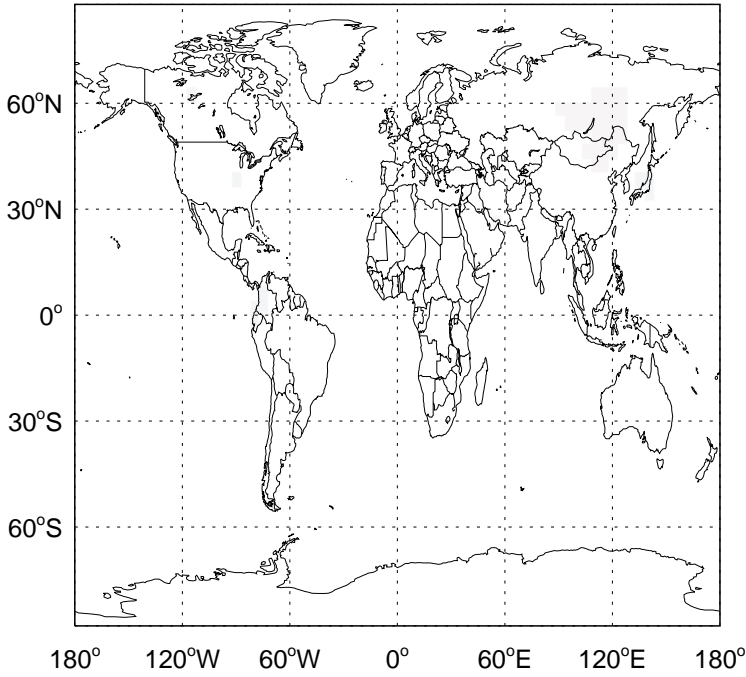


v11-02f-Run0 / v11-02e-Run0  
CFC115/ Ratio @ 500 hPa for Jul

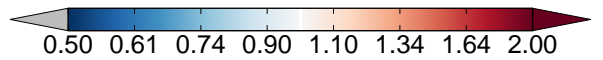


# GEOS-Chem Ratio Maps at surface and 500 hPa

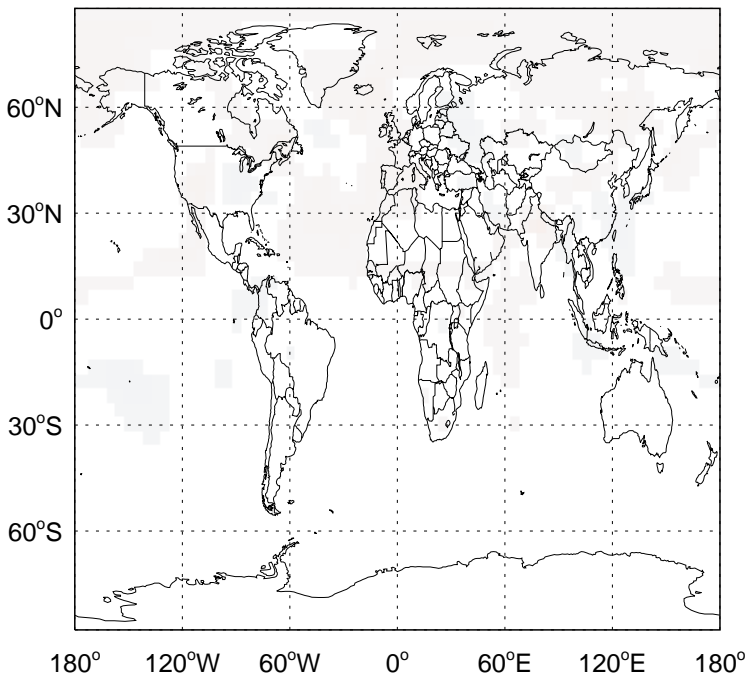
v11-02f-Run0 / v11-02e-Run1  
HCFC123 / Ratio @ Surface for Jul



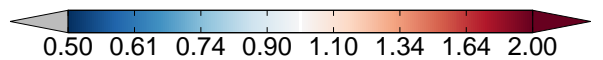
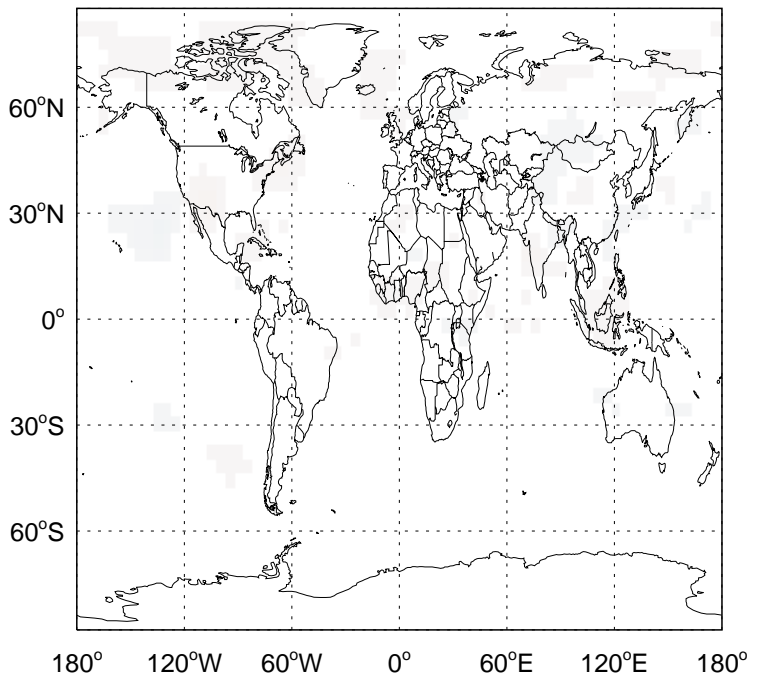
v11-02f-Run0 / v11-02e-Run1  
HCFC123/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HCFC123 / Ratio @ Surface for Jul

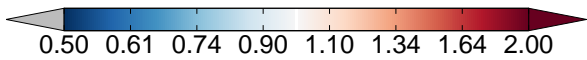
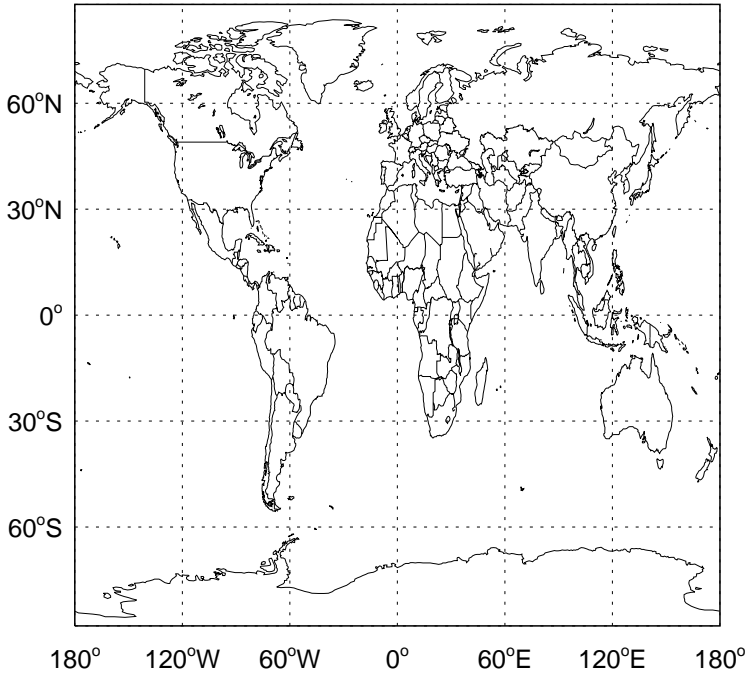


v11-02f-Run0 / v11-02e-Run0  
HCFC123/ Ratio @ 500 hPa for Jul

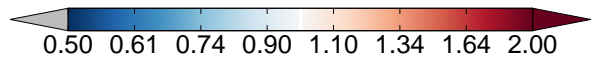


# GEOS-Chem Ratio Maps at surface and 500 hPa

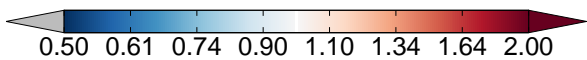
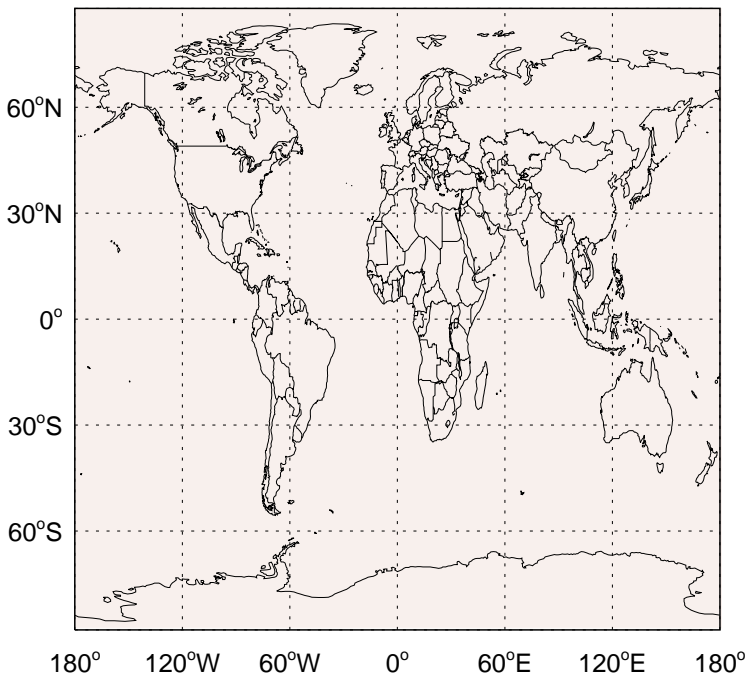
v11-02f-Run0 / v11-02e-Run1  
HCFC141b / Ratio @ Surface for Jul



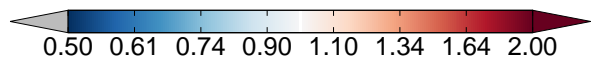
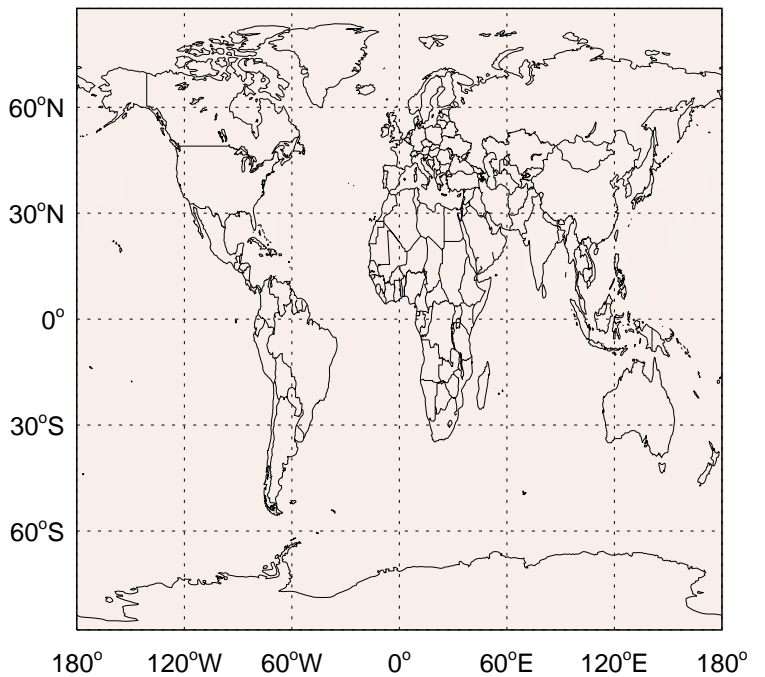
v11-02f-Run0 / v11-02e-Run1  
HCFC141b/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HCFC141b / Ratio @ Surface for Jul

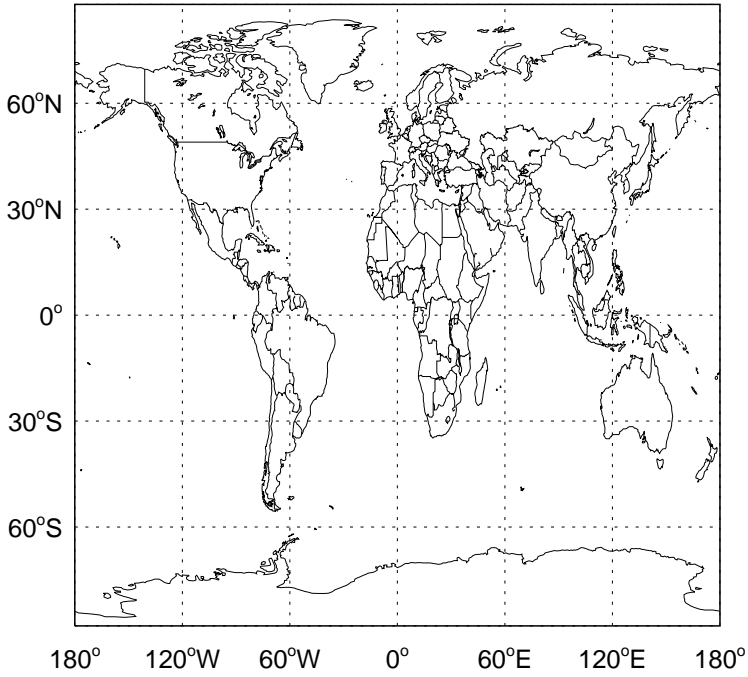


v11-02f-Run0 / v11-02e-Run0  
HCFC141b/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

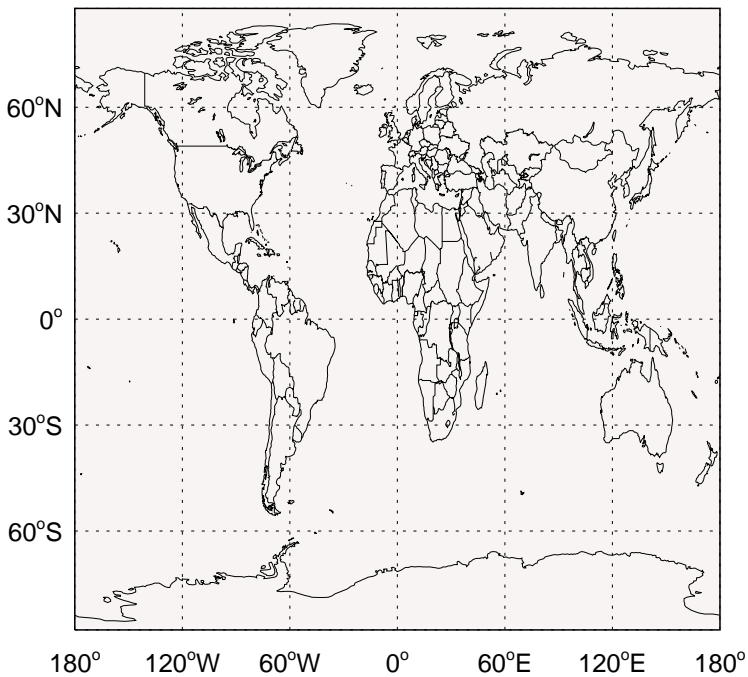
v11-02f-Run0 / v11-02e-Run1  
HCFC142b / Ratio @ Surface for Jul



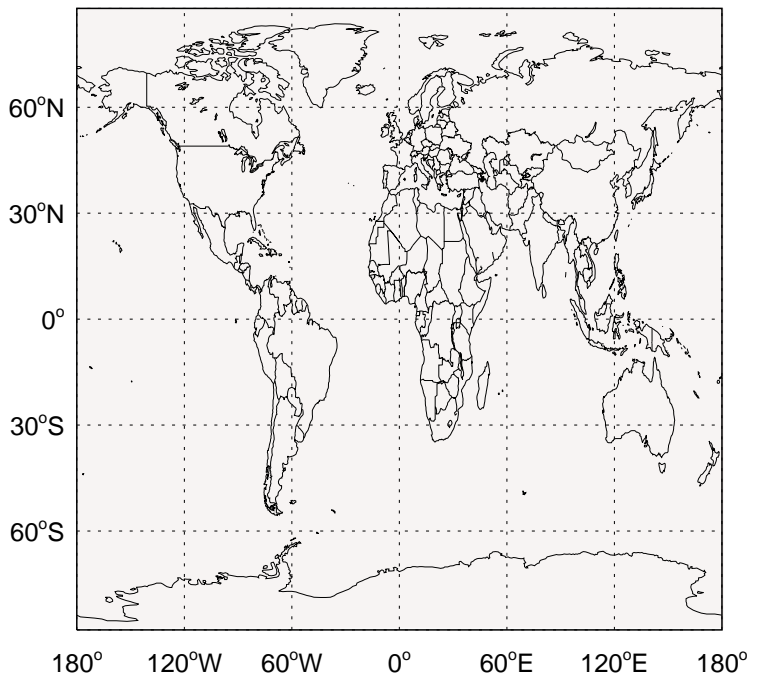
v11-02f-Run0 / v11-02e-Run1  
HCFC142b / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HCFC142b / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0  
HCFC142b / Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

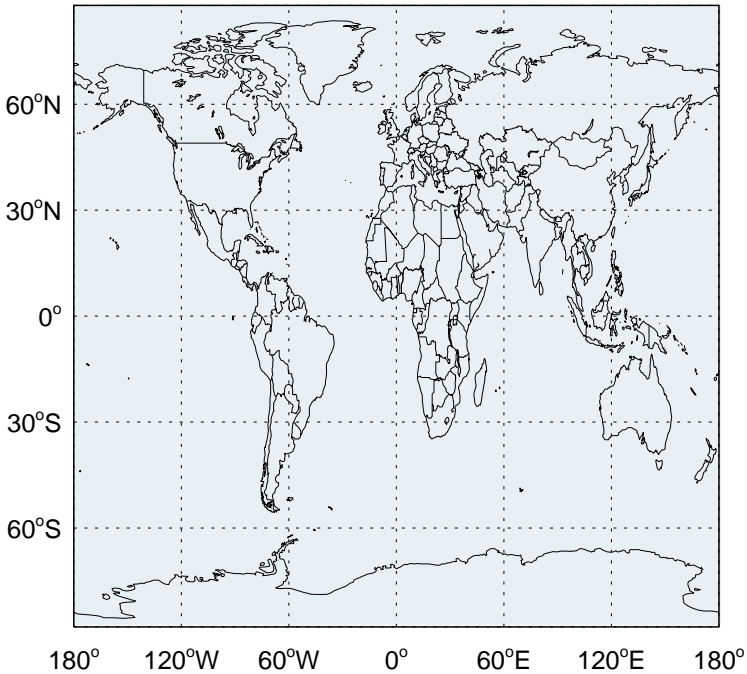
v11-02f-Run0 / v11-02e-Run1  
CFC11 / Ratio @ Surface for Jul



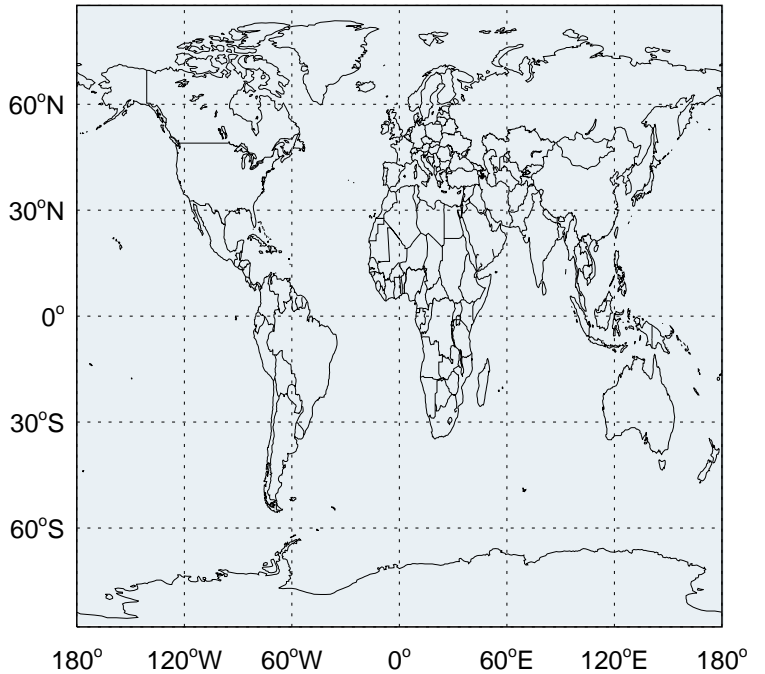
v11-02f-Run0 / v11-02e-Run1  
CFC11/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC11 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC11/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

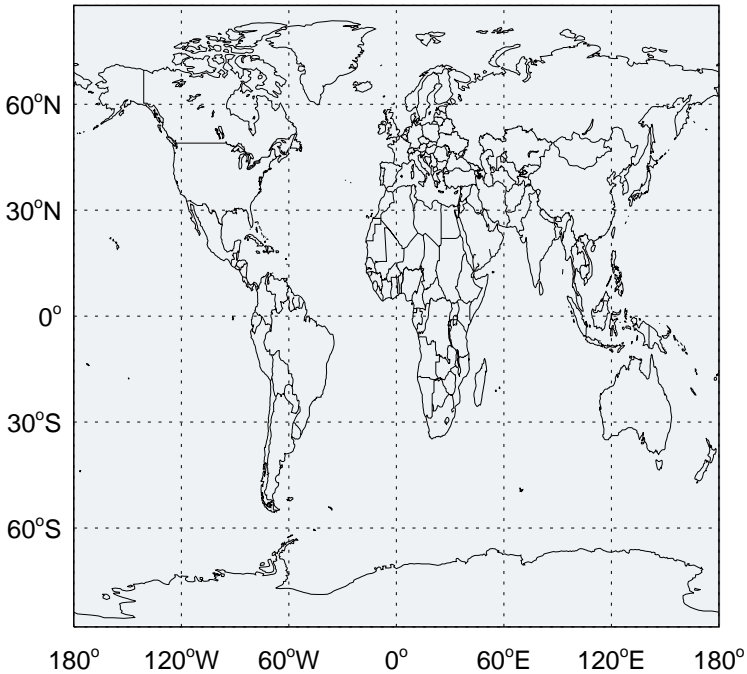
v11-02f-Run0 / v11-02e-Run1  
CFC12 / Ratio @ Surface for Jul



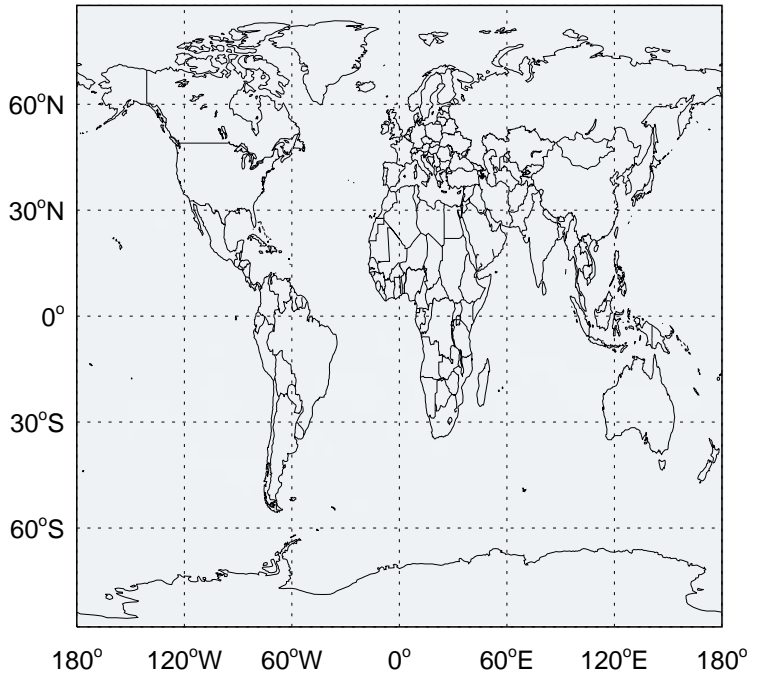
v11-02f-Run0 / v11-02e-Run1  
CFC12/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
CFC12 / Ratio @ Surface for Jul

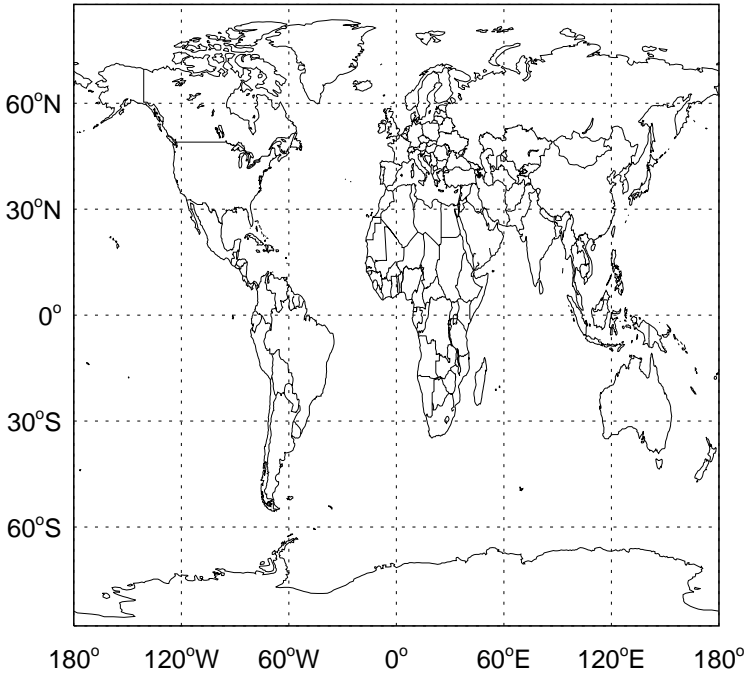


v11-02f-Run0 / v11-02e-Run0  
CFC12/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

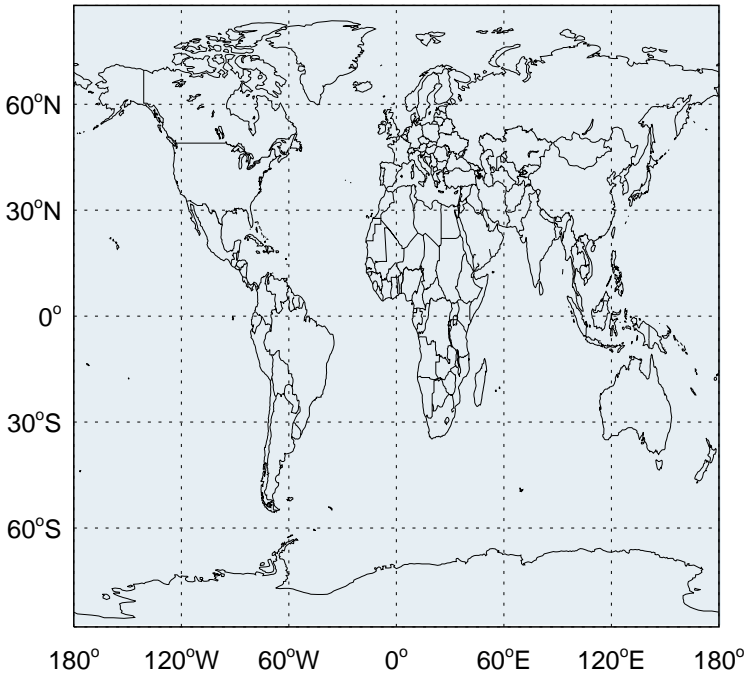
v11-02f-Run0 / v11-02e-Run1  
HCFC22 / Ratio @ Surface for Jul



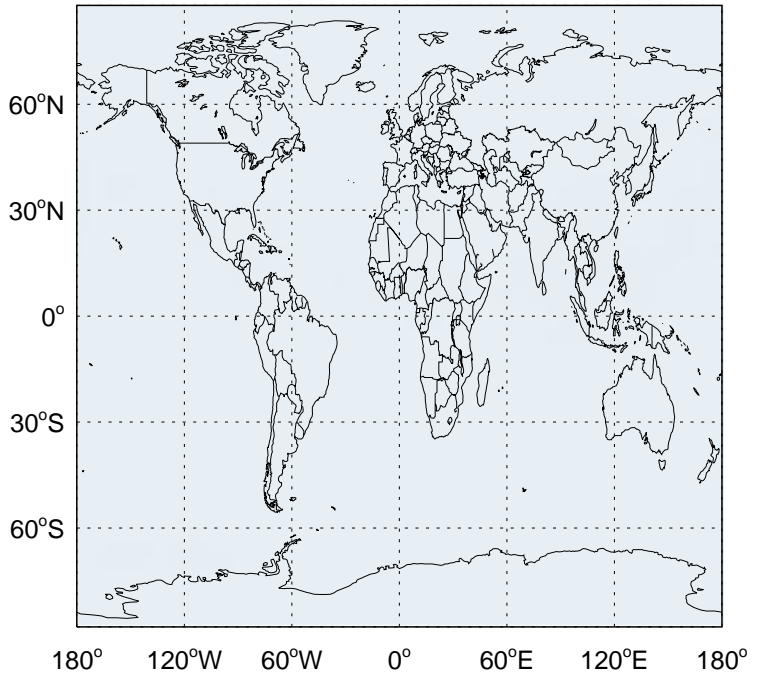
v11-02f-Run0 / v11-02e-Run1  
HCFC22/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HCFC22 / Ratio @ Surface for Jul



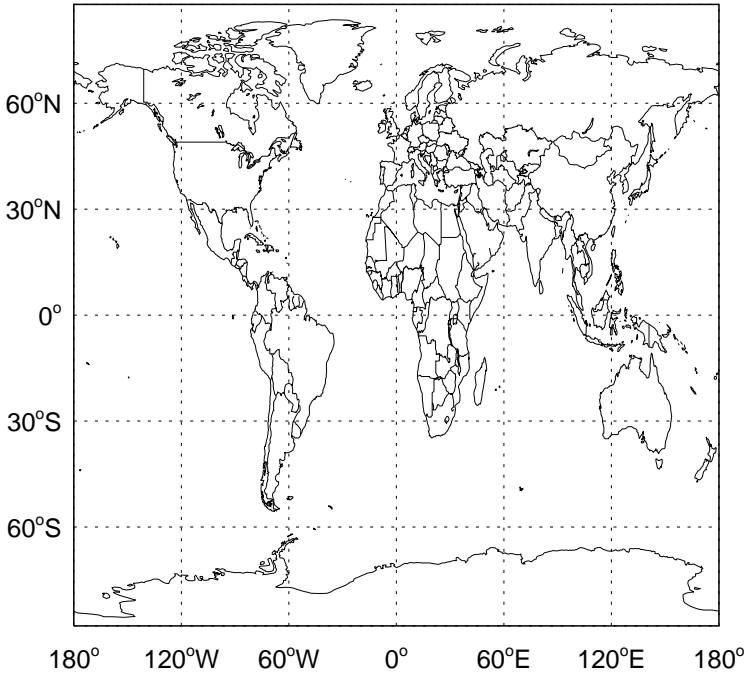
v11-02f-Run0 / v11-02e-Run0  
HCFC22/ Ratio @ 500 hPa for Jul





# GEOS-Chem Ratio Maps at surface and 500 hPa

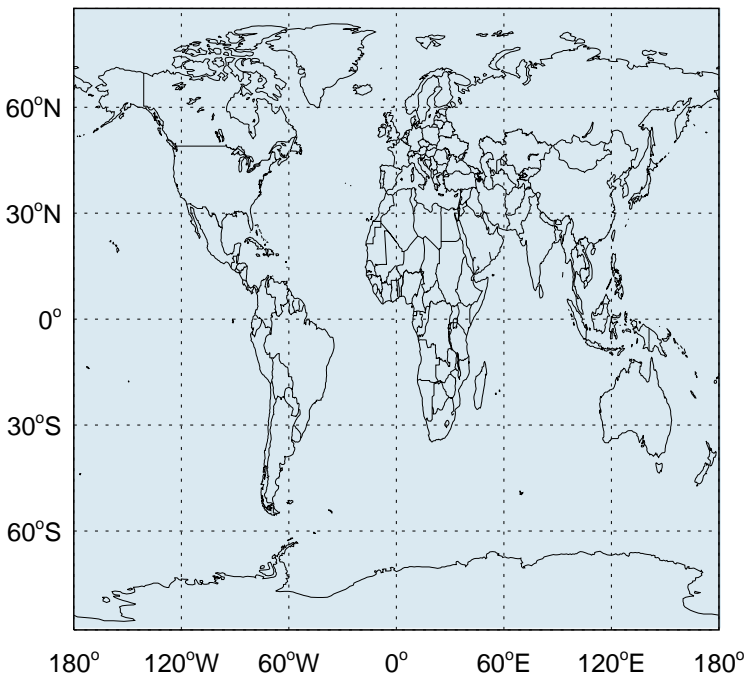
v11-02f-Run0 / v11-02e-Run1  
H1211 / Ratio @ Surface for Jul



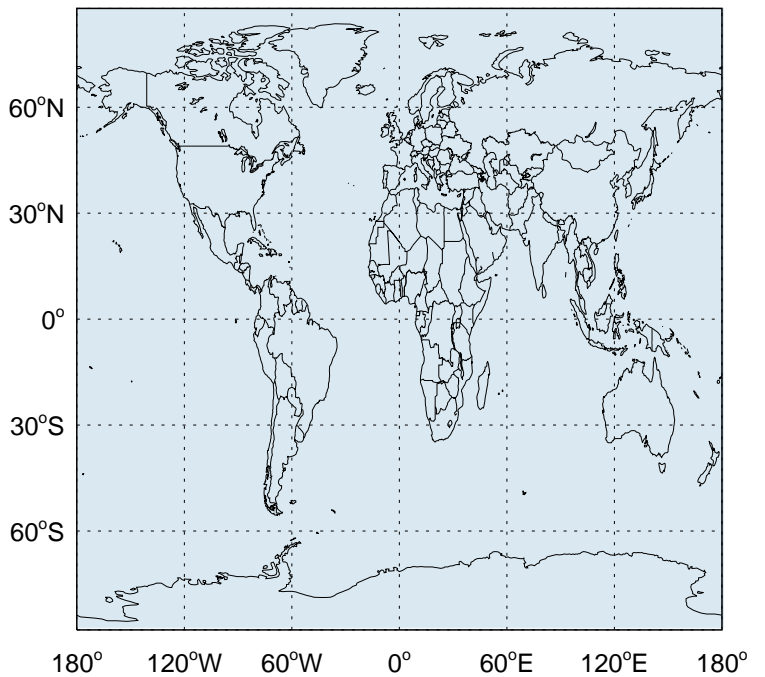
v11-02f-Run0 / v11-02e-Run1  
H1211/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
H1211 / Ratio @ Surface for Jul

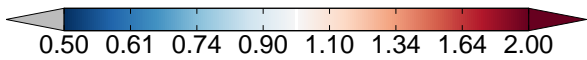
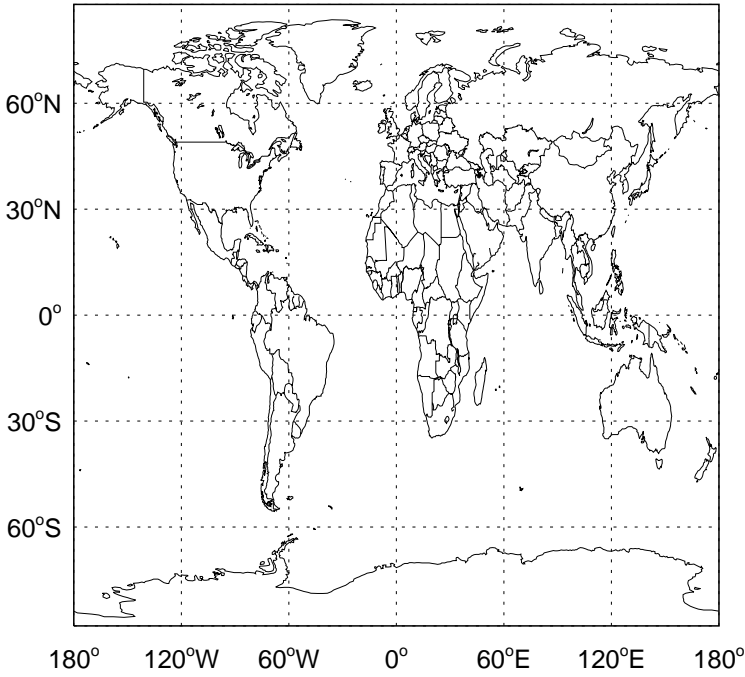


v11-02f-Run0 / v11-02e-Run0  
H1211/ Ratio @ 500 hPa for Jul

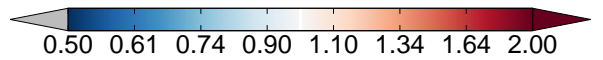


# GEOS-Chem Ratio Maps at surface and 500 hPa

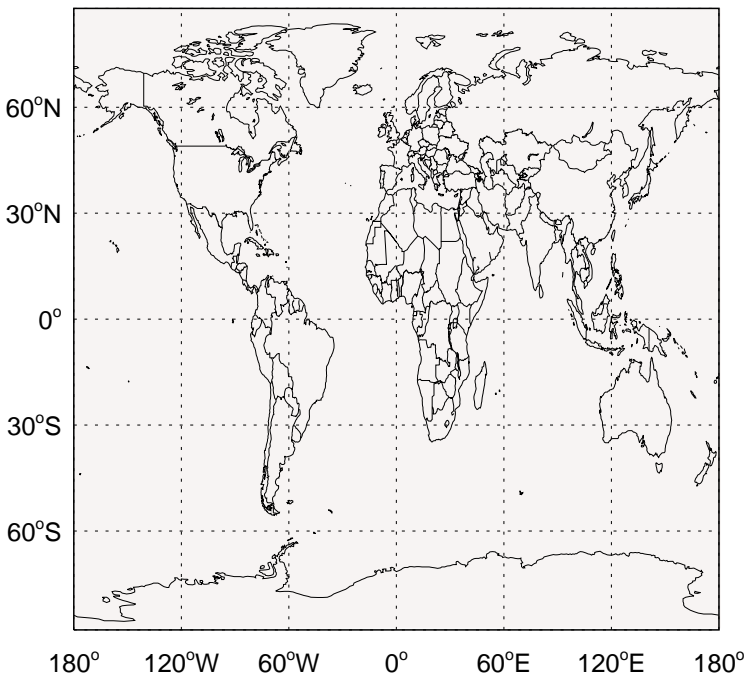
v11-02f-Run0 / v11-02e-Run1  
H1301 / Ratio @ Surface for Jul



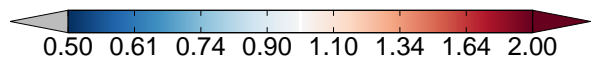
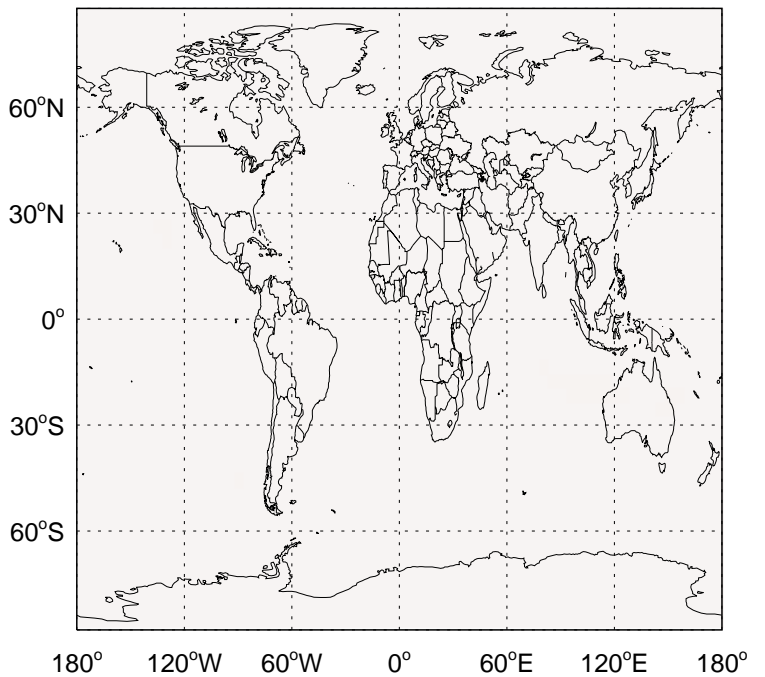
v11-02f-Run0 / v11-02e-Run1  
H1301/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
H1301 / Ratio @ Surface for Jul

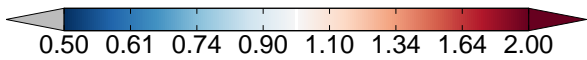
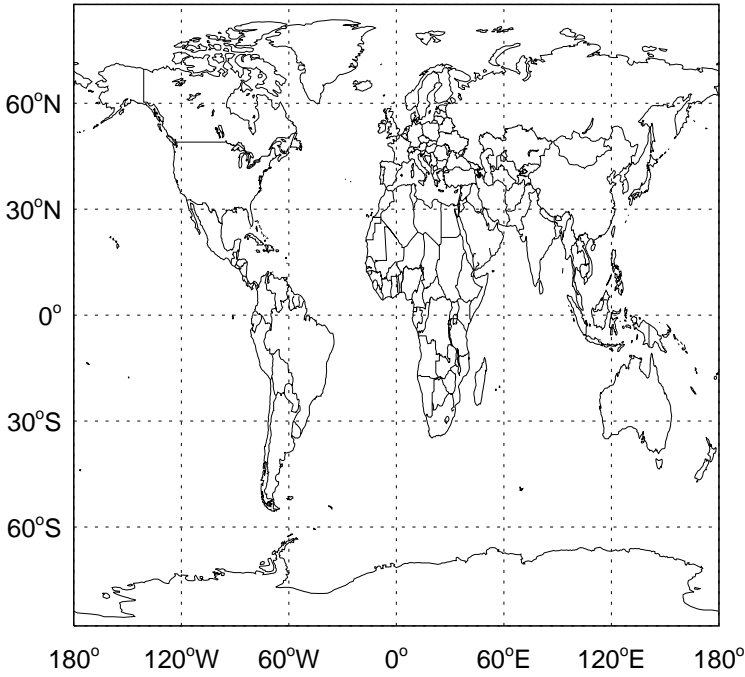


v11-02f-Run0 / v11-02e-Run0  
H1301/ Ratio @ 500 hPa for Jul

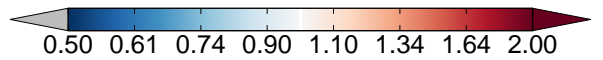


# GEOS-Chem Ratio Maps at surface and 500 hPa

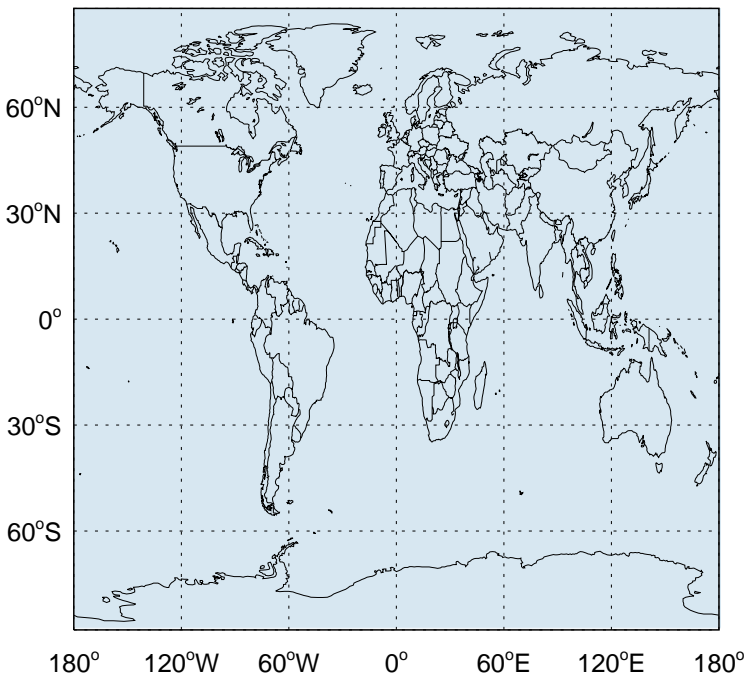
v11-02f-Run0 / v11-02e-Run1  
H2402 / Ratio @ Surface for Jul



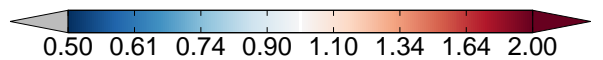
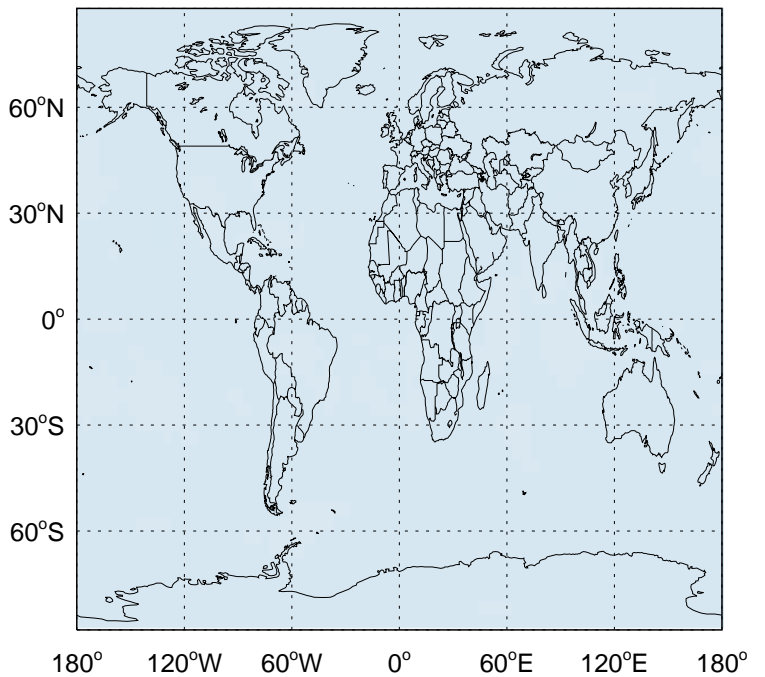
v11-02f-Run0 / v11-02e-Run1  
H2402/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
H2402 / Ratio @ Surface for Jul



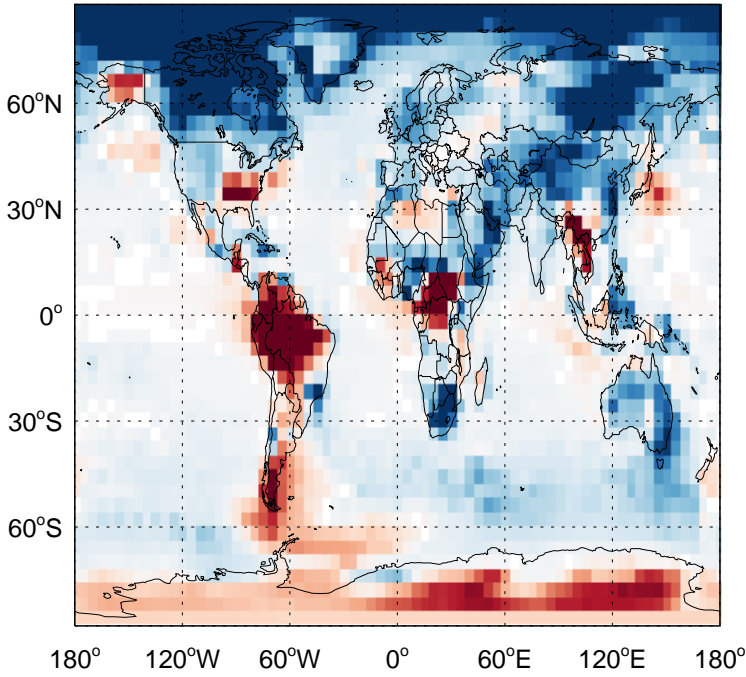
v11-02f-Run0 / v11-02e-Run0  
H2402/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

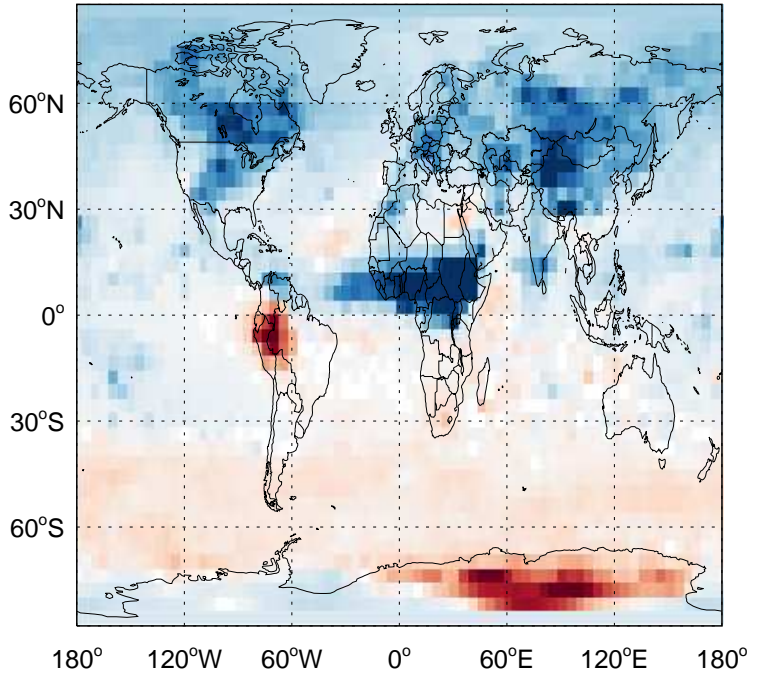
v11-02f-Run0 / v11-02e-Run1

Cl / Ratio @ Surface for Jul



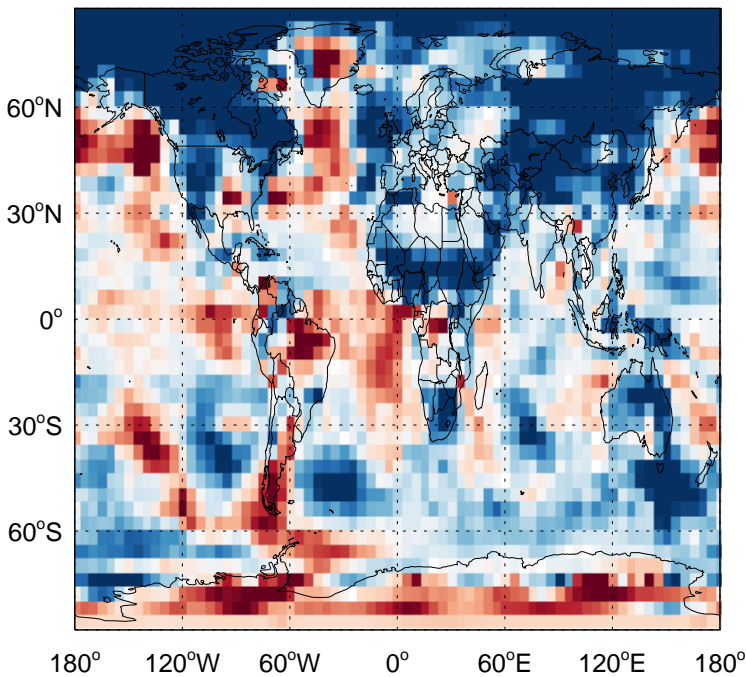
v11-02f-Run0 / v11-02e-Run1

Cl / Ratio @ 500 hPa for Jul



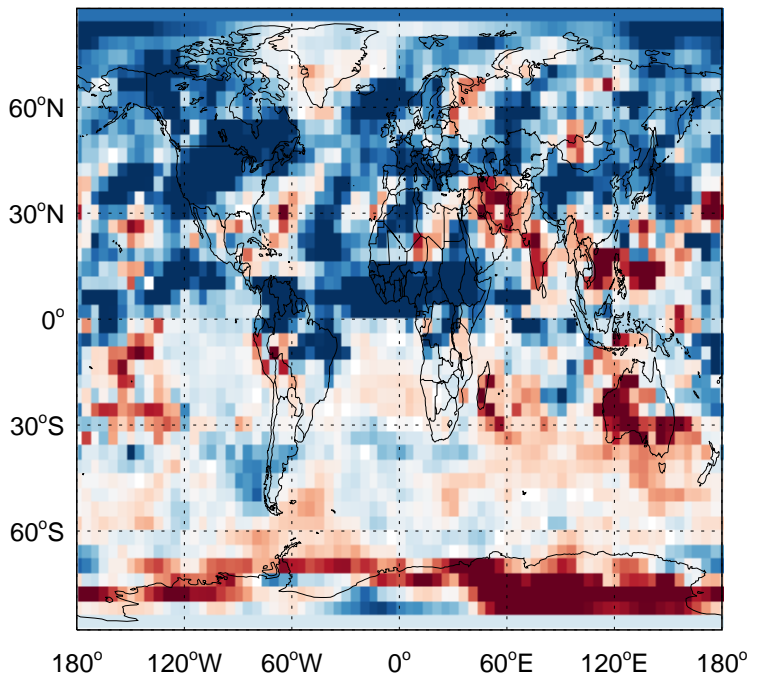
v11-02f-Run0 / v11-02e-Run0

Cl / Ratio @ Surface for Jul



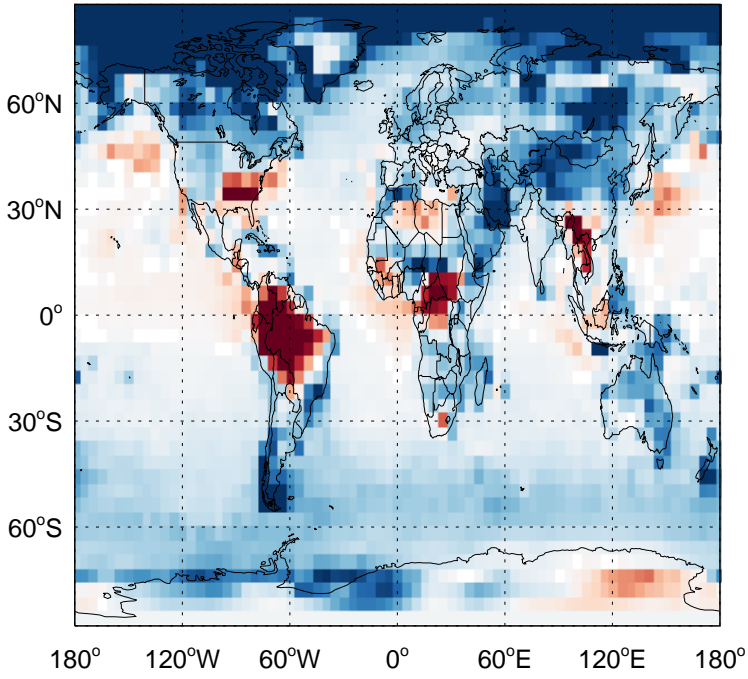
v11-02f-Run0 / v11-02e-Run0

Cl / Ratio @ 500 hPa for Jul

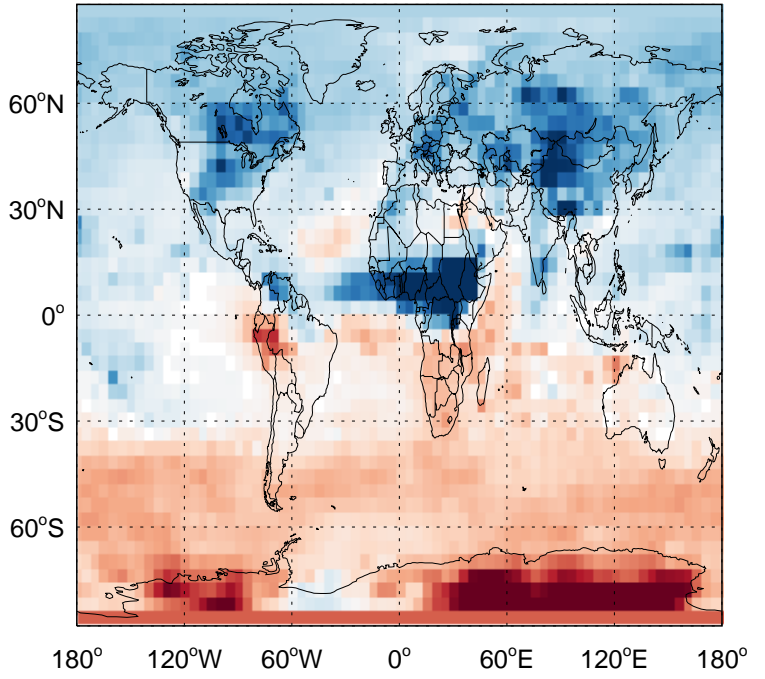


# GEOS-Chem Ratio Maps at surface and 500 hPa

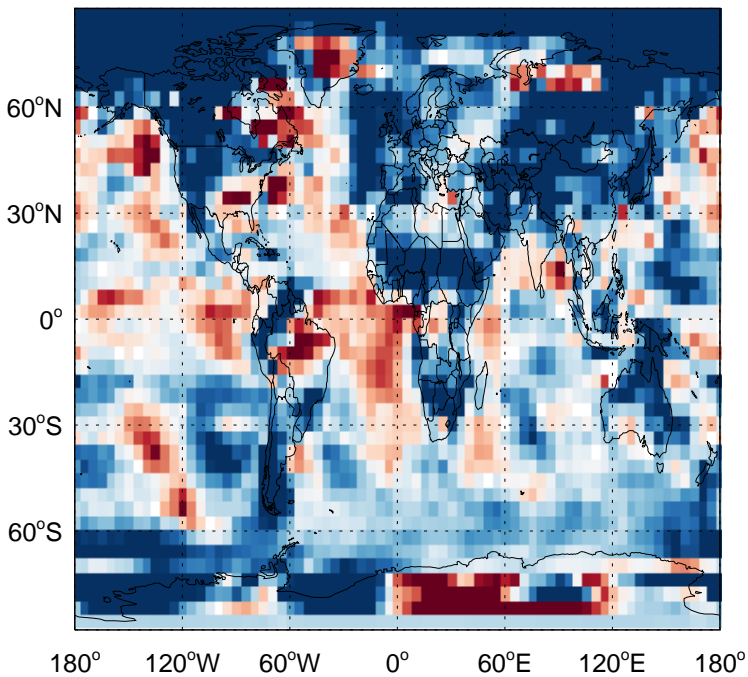
v11-02f-Run0 / v11-02e-Run1  
ClO / Ratio @ Surface for Jul



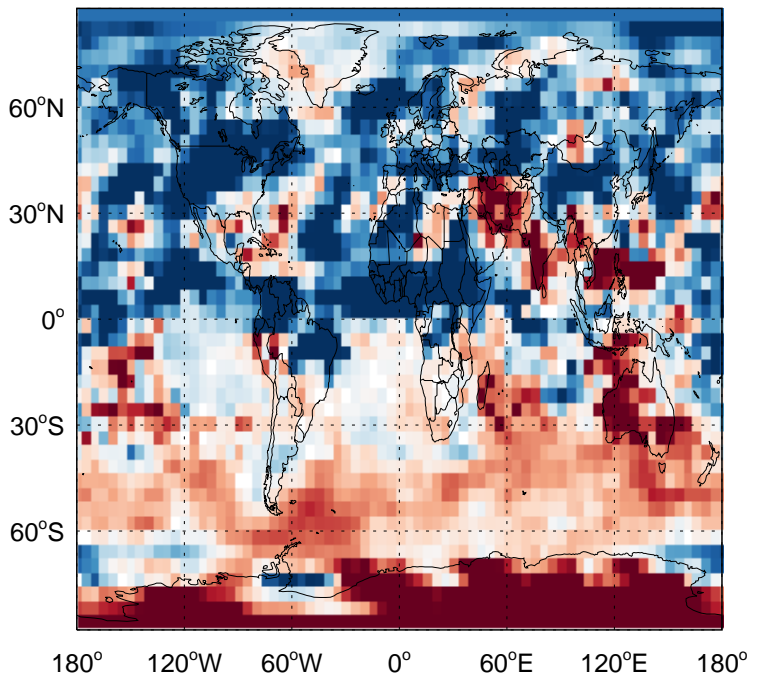
v11-02f-Run0 / v11-02e-Run1  
ClO / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ClO / Ratio @ Surface for Jul

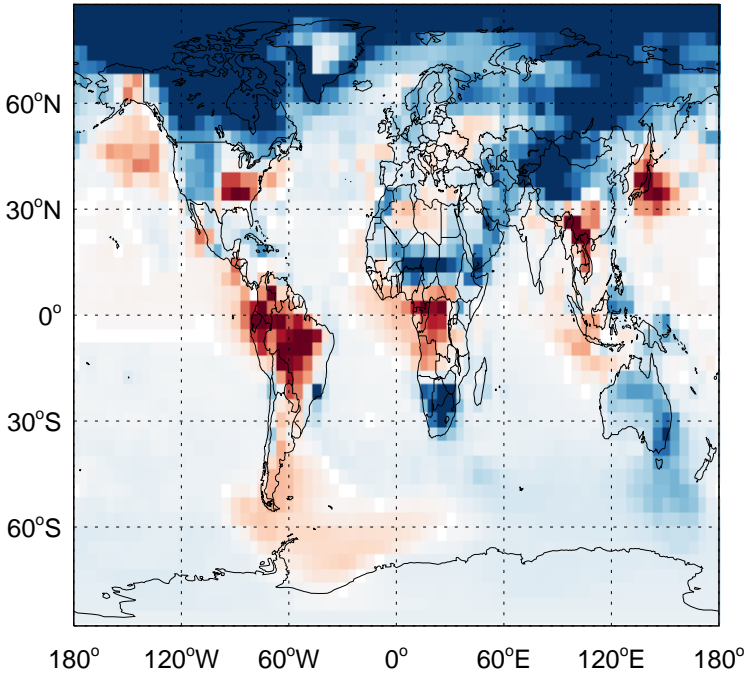


v11-02f-Run0 / v11-02e-Run0  
ClO / Ratio @ 500 hPa for Jul

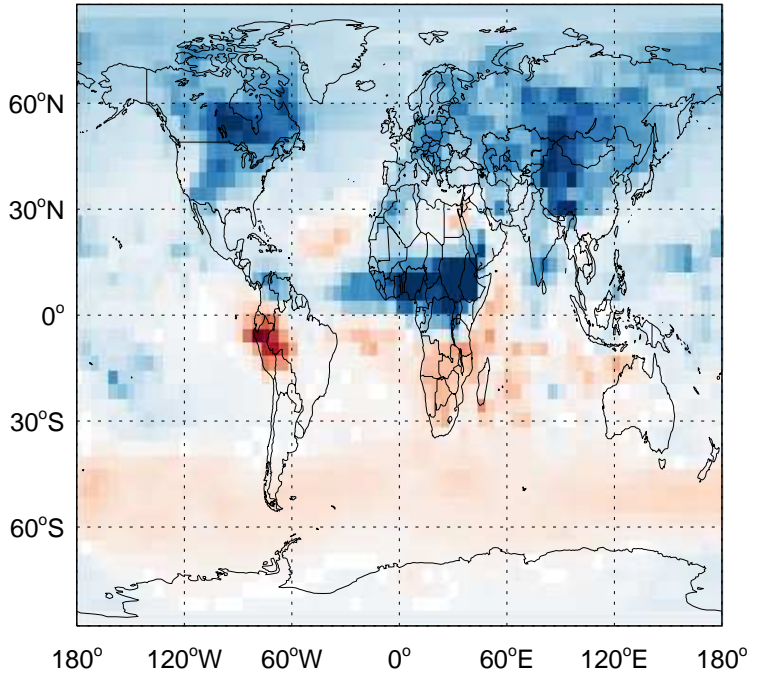


# GEOS-Chem Ratio Maps at surface and 500 hPa

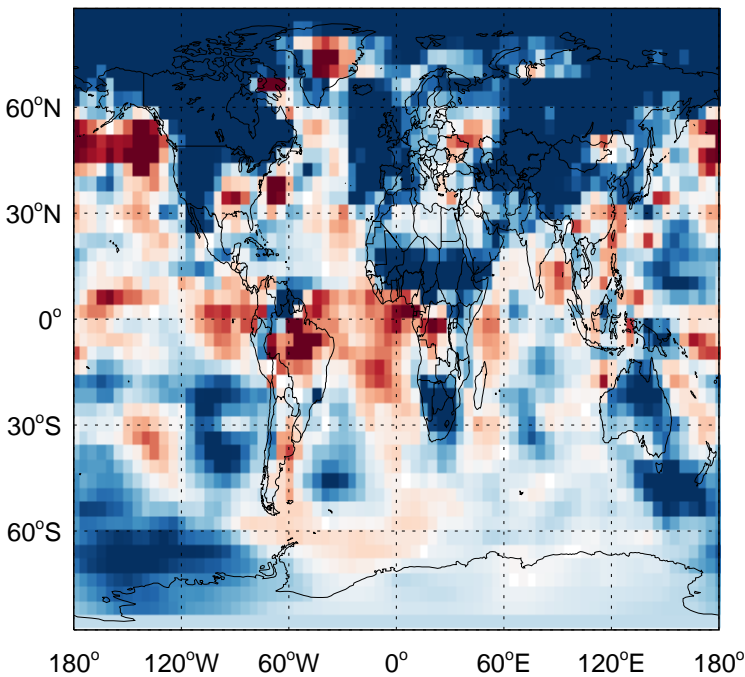
v11-02f-Run0 / v11-02e-Run1  
HOCl / Ratio @ Surface for Jul



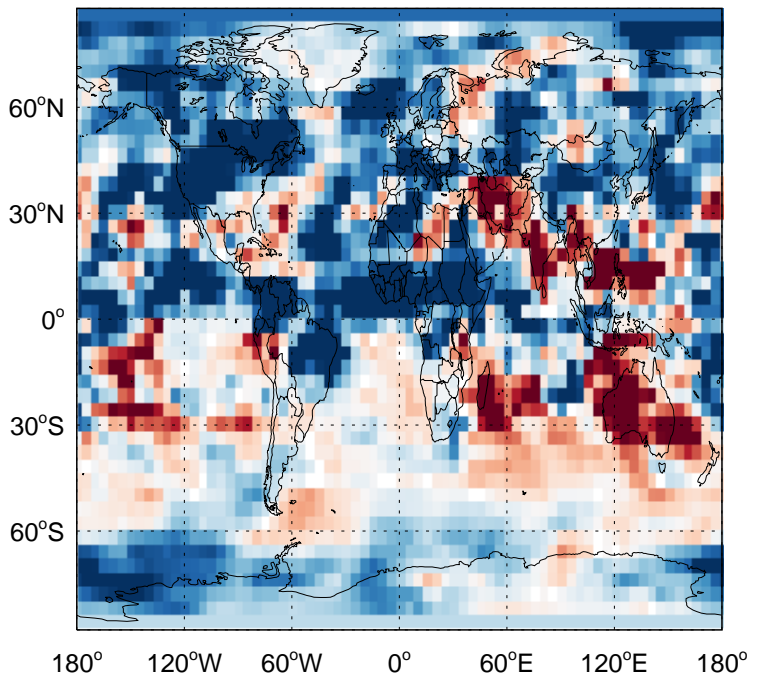
v11-02f-Run0 / v11-02e-Run1  
HOCl / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
HOCl / Ratio @ Surface for Jul

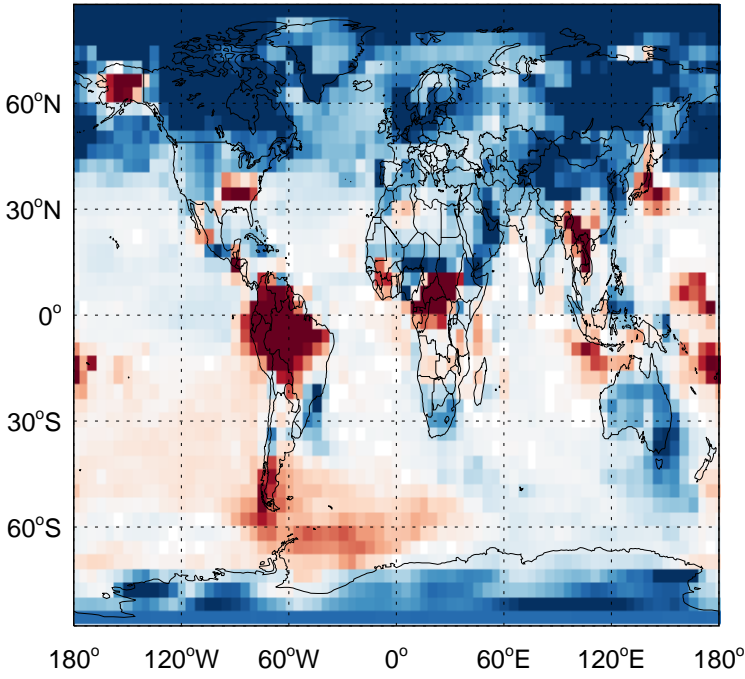


v11-02f-Run0 / v11-02e-Run0  
HOCl / Ratio @ 500 hPa for Jul

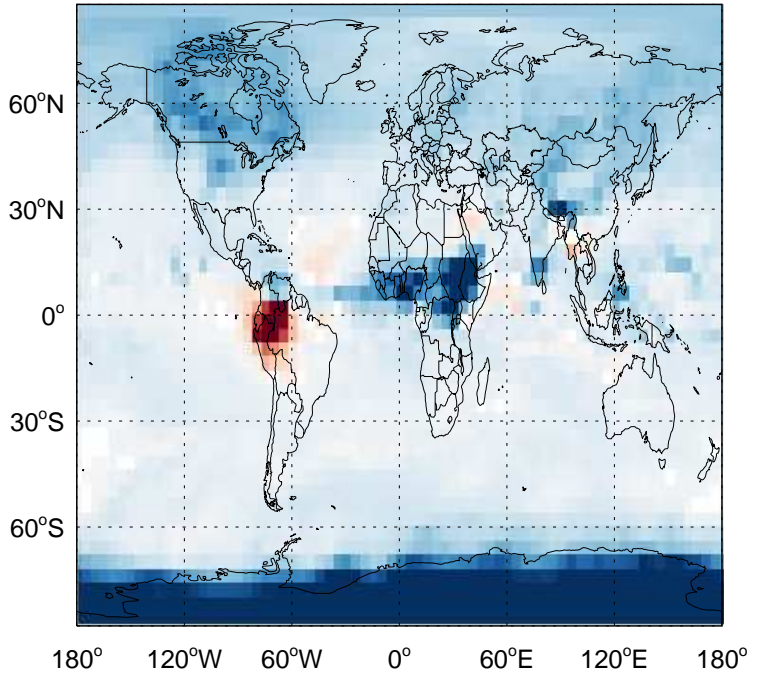


# GEOS-Chem Ratio Maps at surface and 500 hPa

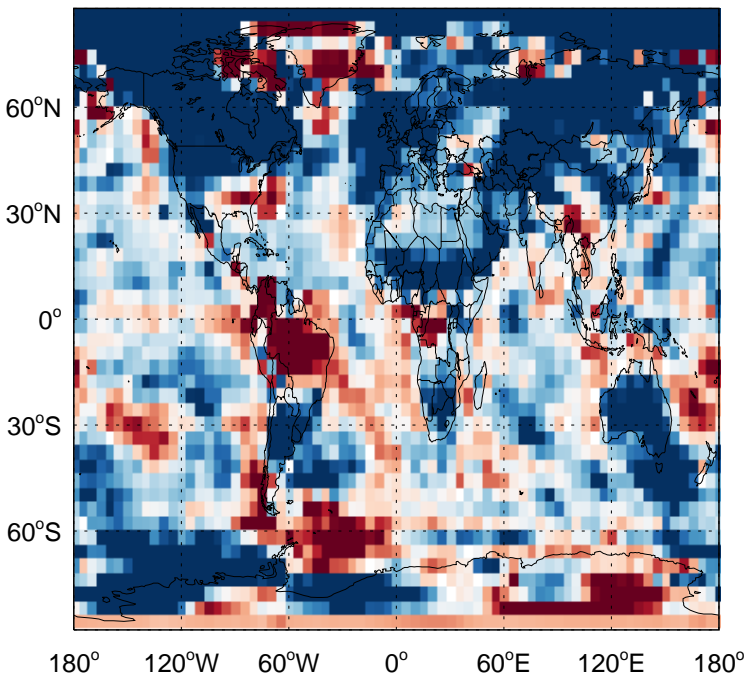
v11-02f-Run0 / v11-02e-Run1  
ClNO<sub>3</sub> / Ratio @ Surface for Jul



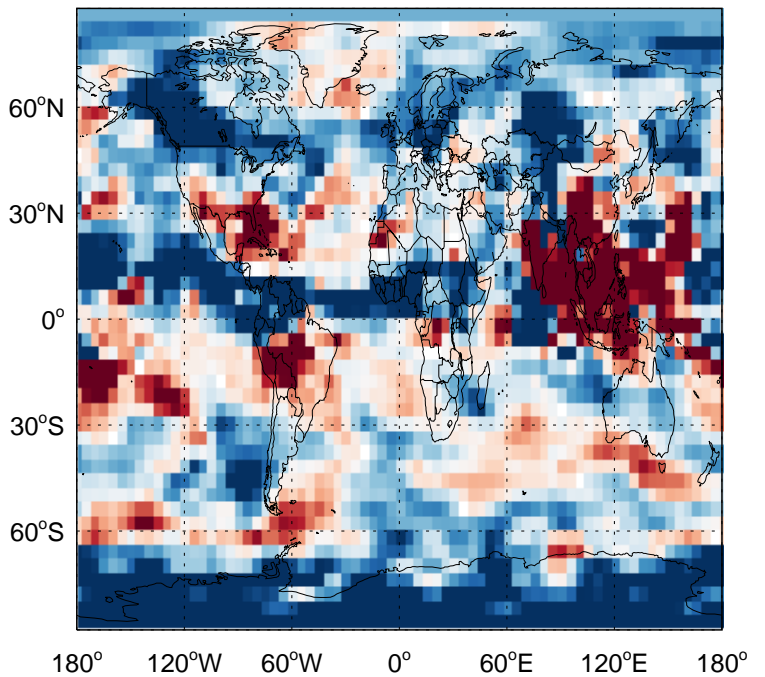
v11-02f-Run0 / v11-02e-Run1  
ClNO<sub>3</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ClNO<sub>3</sub> / Ratio @ Surface for Jul

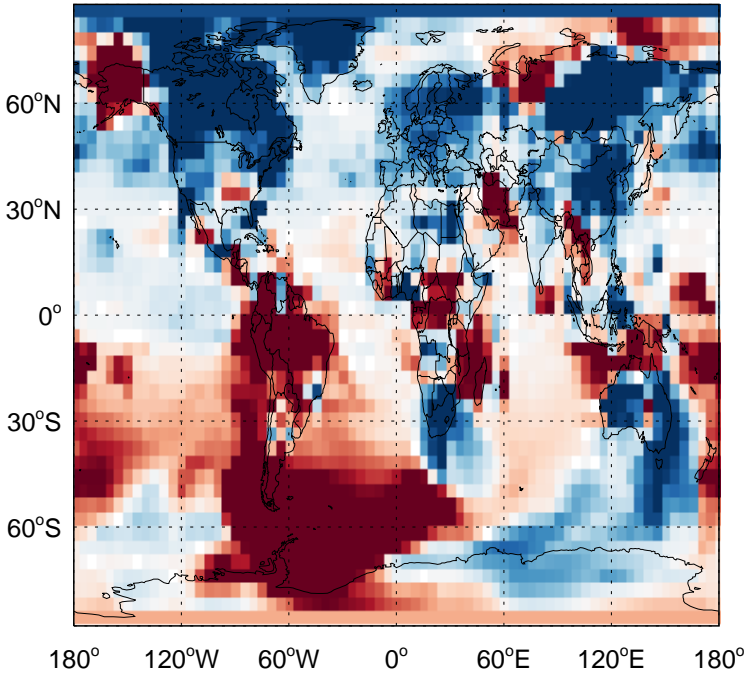


v11-02f-Run0 / v11-02e-Run0  
ClNO<sub>3</sub> / Ratio @ 500 hPa for Jul

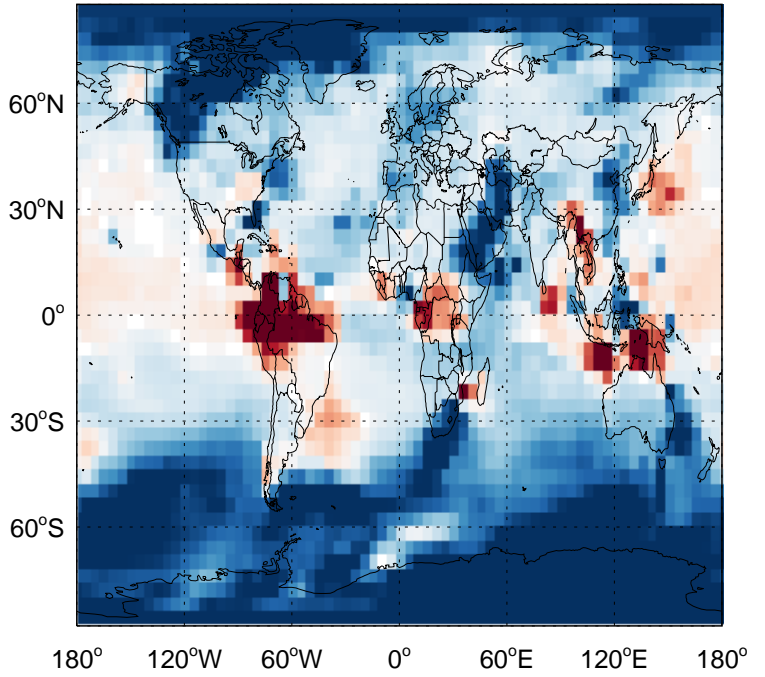


# GEOS-Chem Ratio Maps at surface and 500 hPa

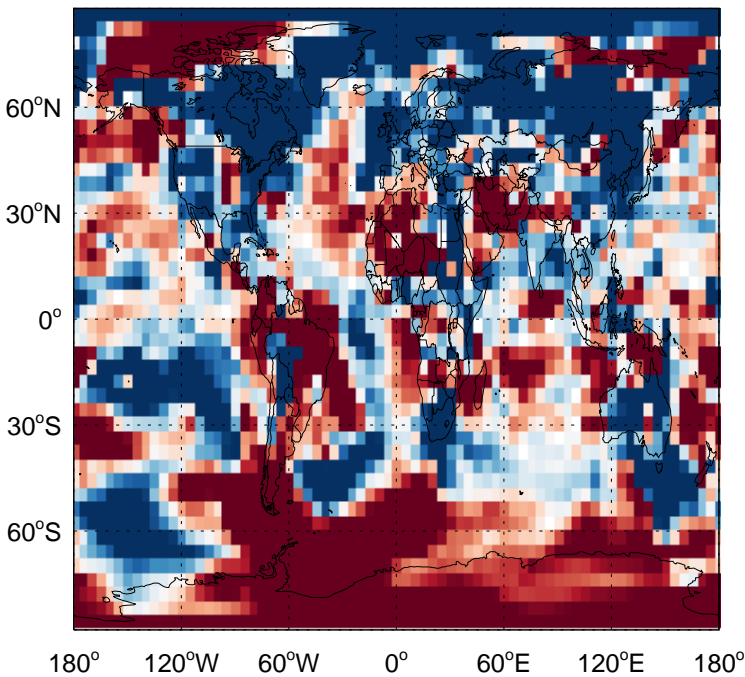
v11-02f-Run0 / v11-02e-Run1  
ClNO<sub>2</sub> / Ratio @ Surface for Jul



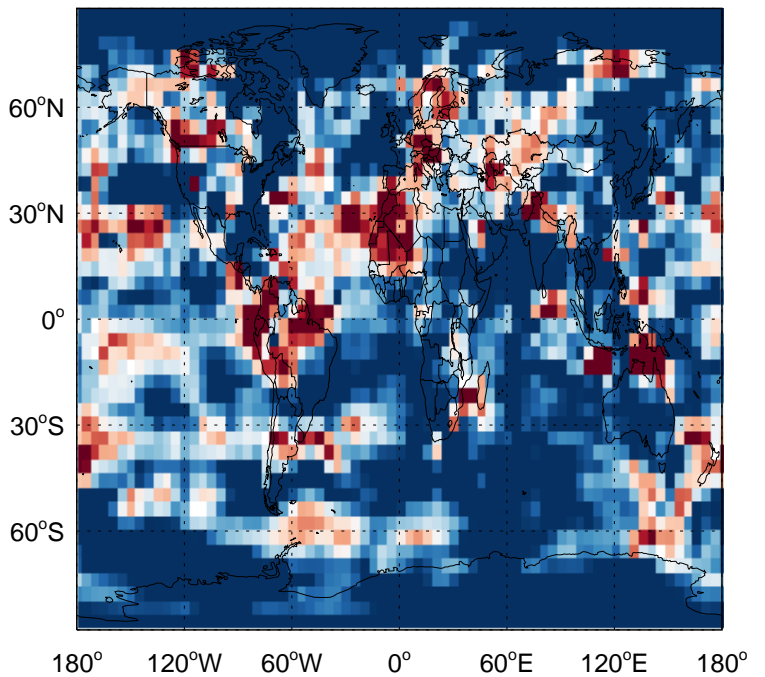
v11-02f-Run0 / v11-02e-Run1  
ClNO<sub>2</sub> / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ClNO<sub>2</sub> / Ratio @ Surface for Jul



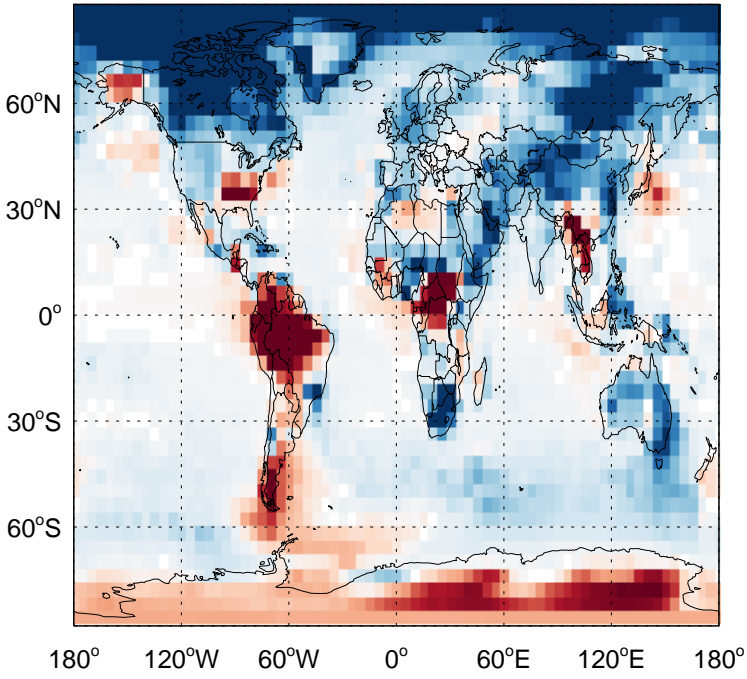
v11-02f-Run0 / v11-02e-Run0  
ClNO<sub>2</sub> / Ratio @ 500 hPa for Jul



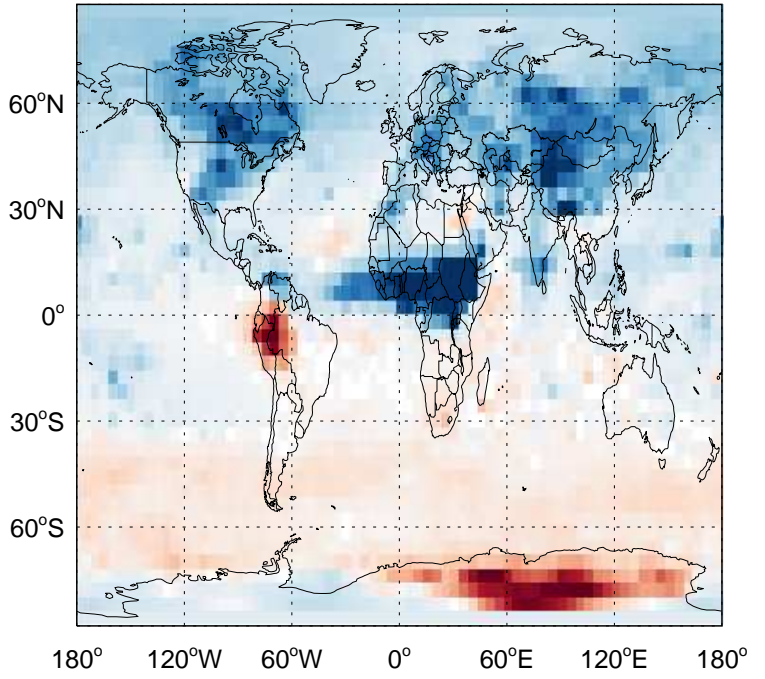


# GEOS-Chem Ratio Maps at surface and 500 hPa

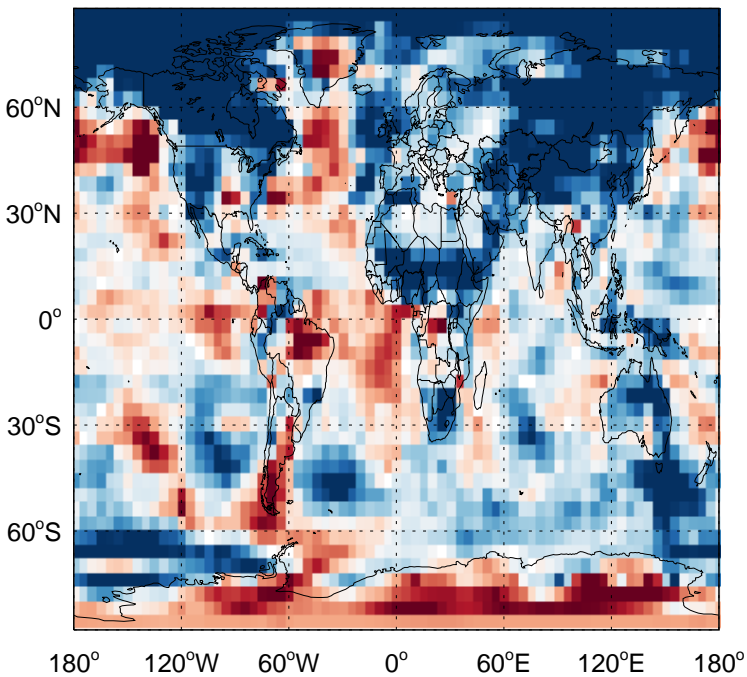
v11-02f-Run0 / v11-02e-Run1  
ClOO / Ratio @ Surface for Jul



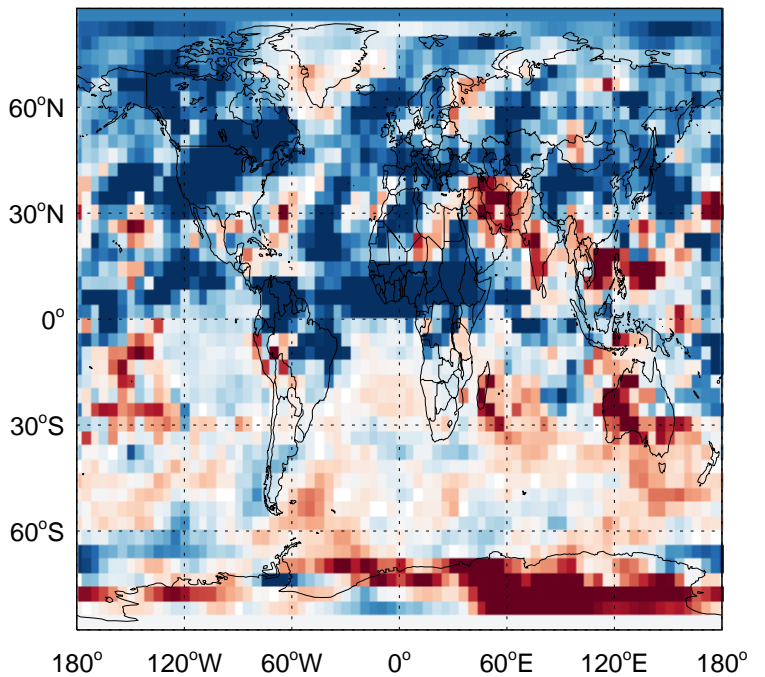
v11-02f-Run0 / v11-02e-Run1  
ClOO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
ClOO / Ratio @ Surface for Jul

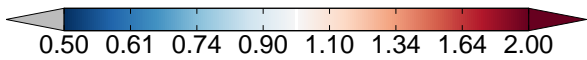
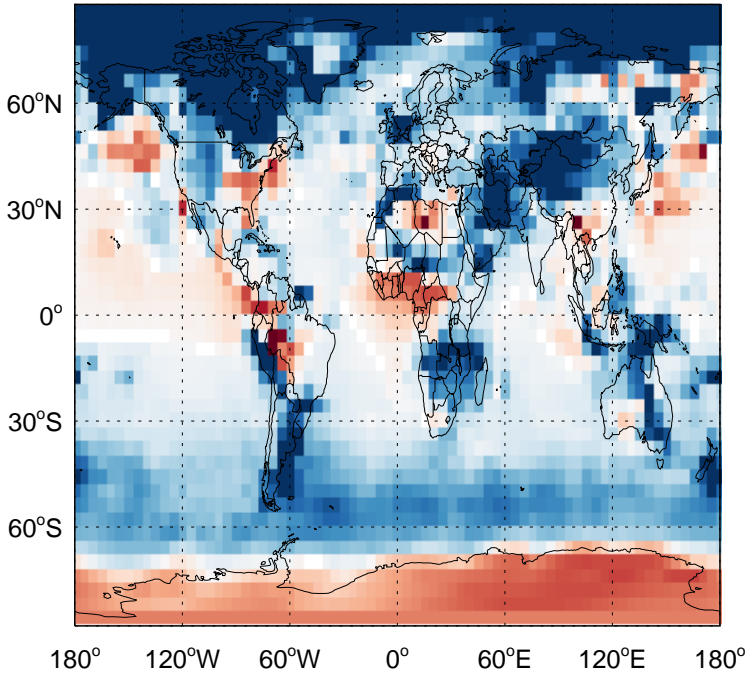


v11-02f-Run0 / v11-02e-Run0  
ClOO/ Ratio @ 500 hPa for Jul

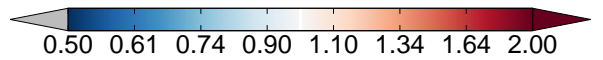
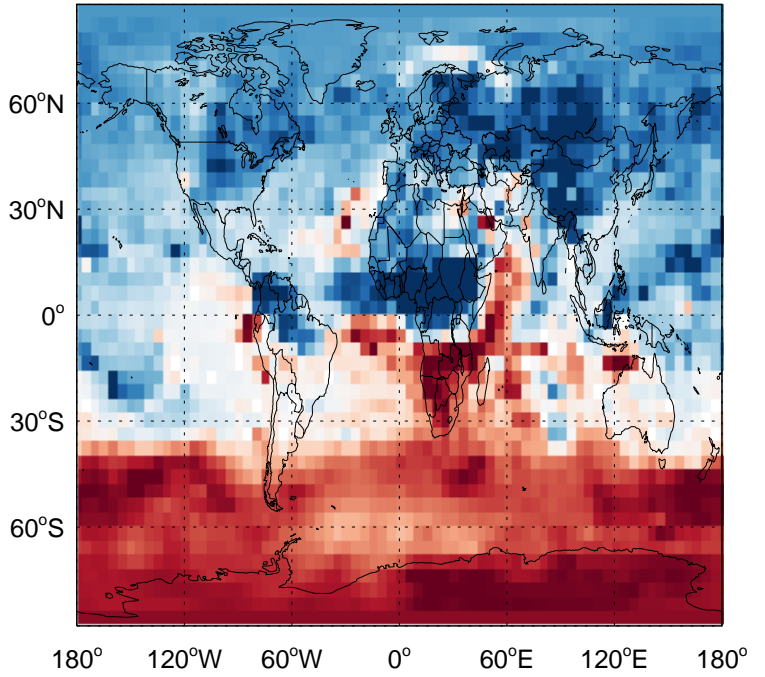


# GEOS-Chem Ratio Maps at surface and 500 hPa

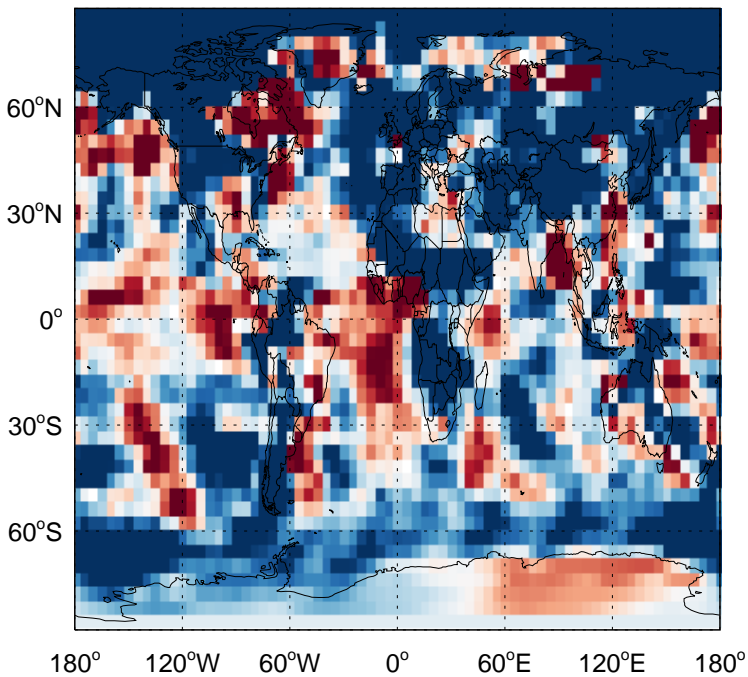
v11-02f-Run0 / v11-02e-Run1  
OCIO / Ratio @ Surface for Jul



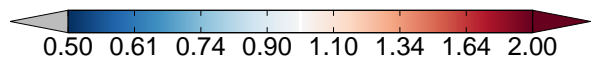
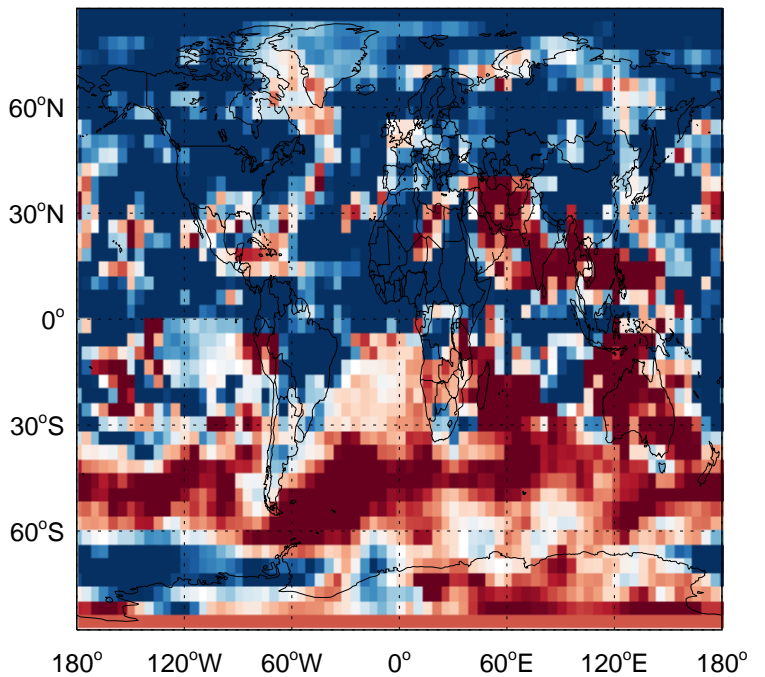
v11-02f-Run0 / v11-02e-Run1  
OCIO/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
OCIO / Ratio @ Surface for Jul

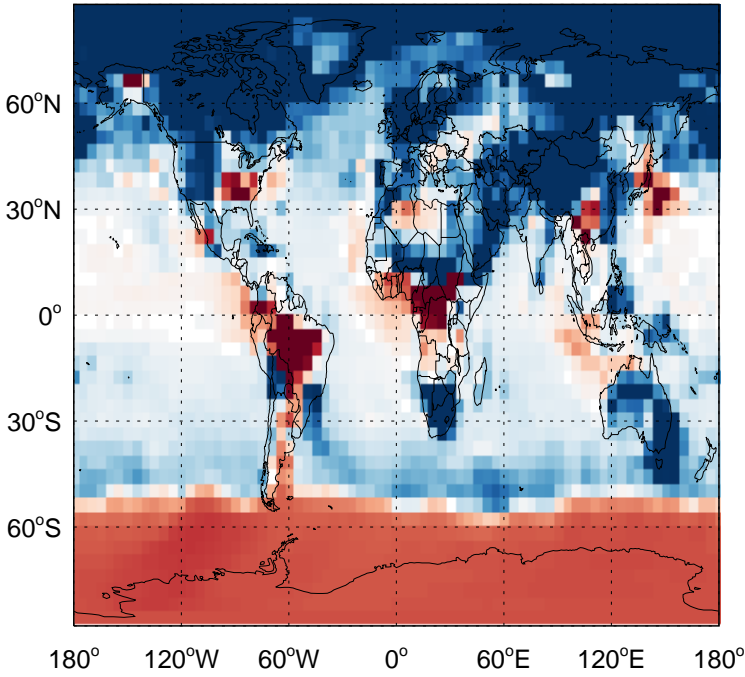


v11-02f-Run0 / v11-02e-Run0  
OCIO/ Ratio @ 500 hPa for Jul

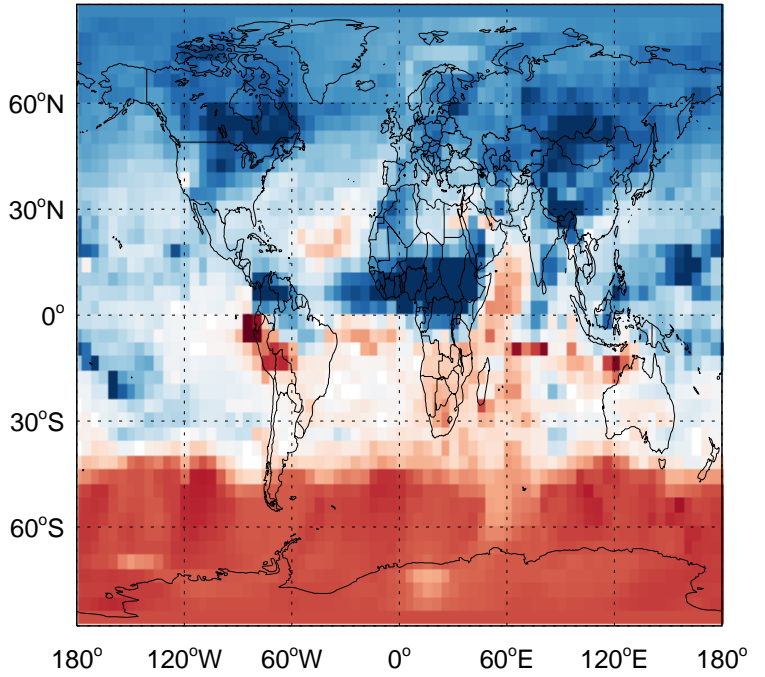


# GEOS-Chem Ratio Maps at surface and 500 hPa

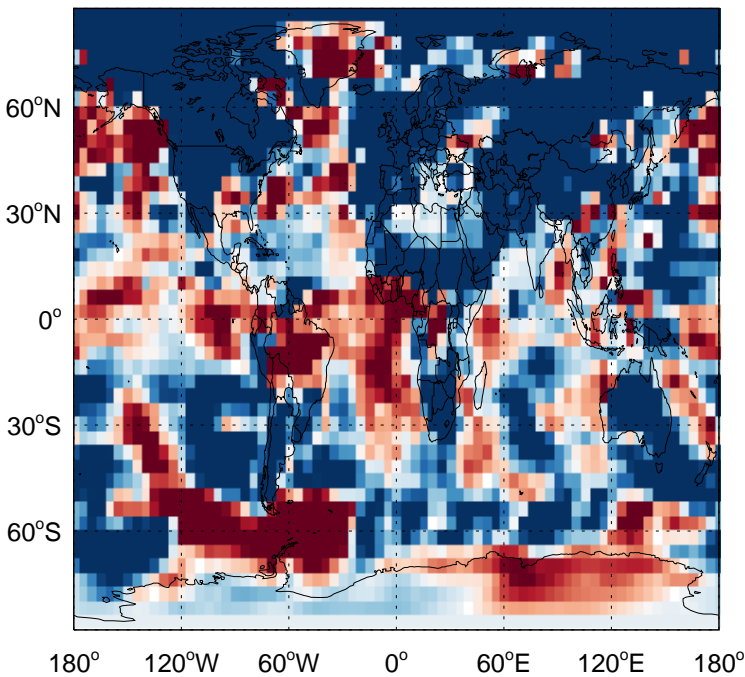
v11-02f-Run0 / v11-02e-Run1  
Cl2 / Ratio @ Surface for Jul



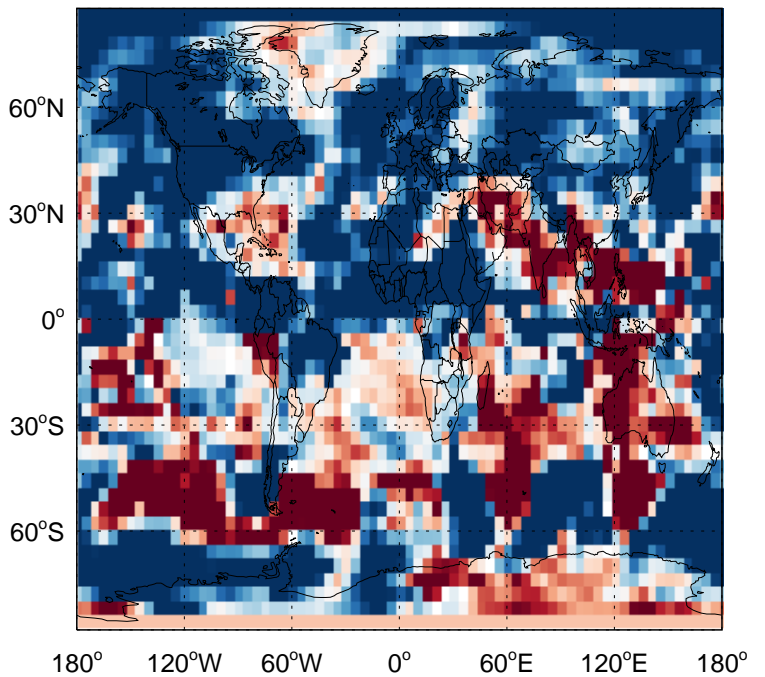
v11-02f-Run0 / v11-02e-Run1  
Cl2 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
Cl2 / Ratio @ Surface for Jul

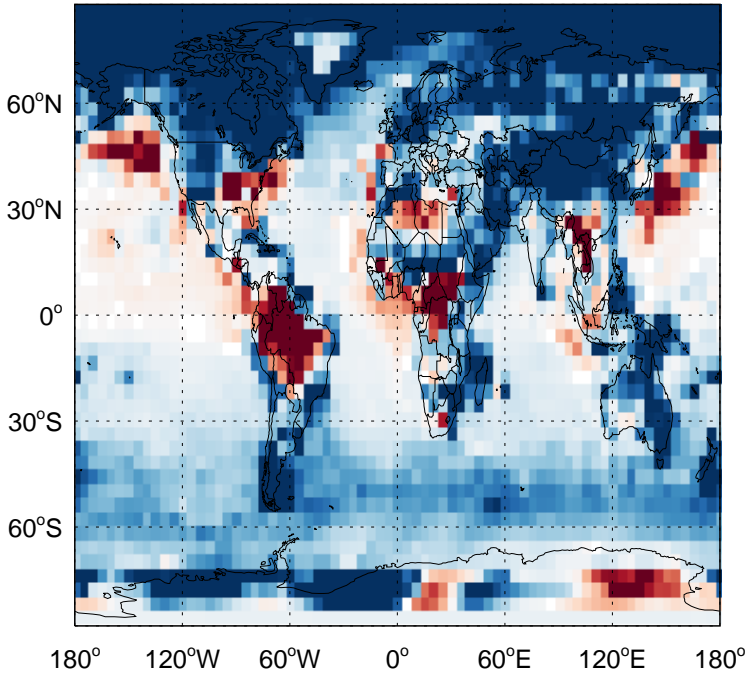


v11-02f-Run0 / v11-02e-Run0  
Cl2 / Ratio @ 500 hPa for Jul

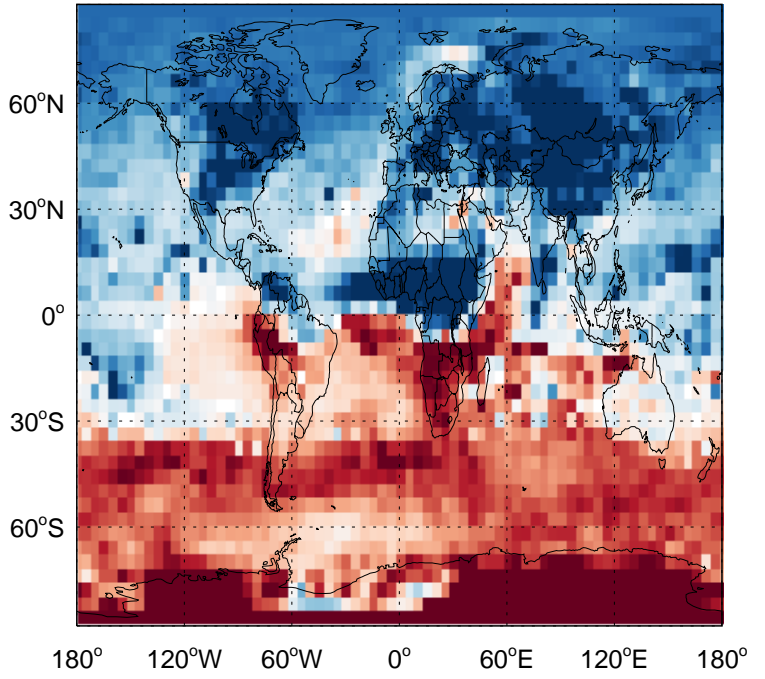


# GEOS-Chem Ratio Maps at surface and 500 hPa

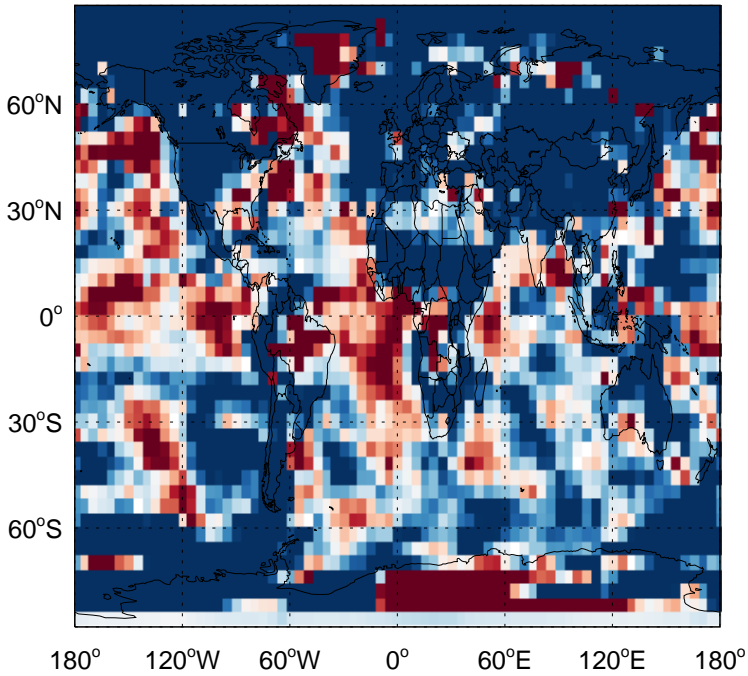
v11-02f-Run0 / v11-02e-Run1  
Cl2O2 / Ratio @ Surface for Jul



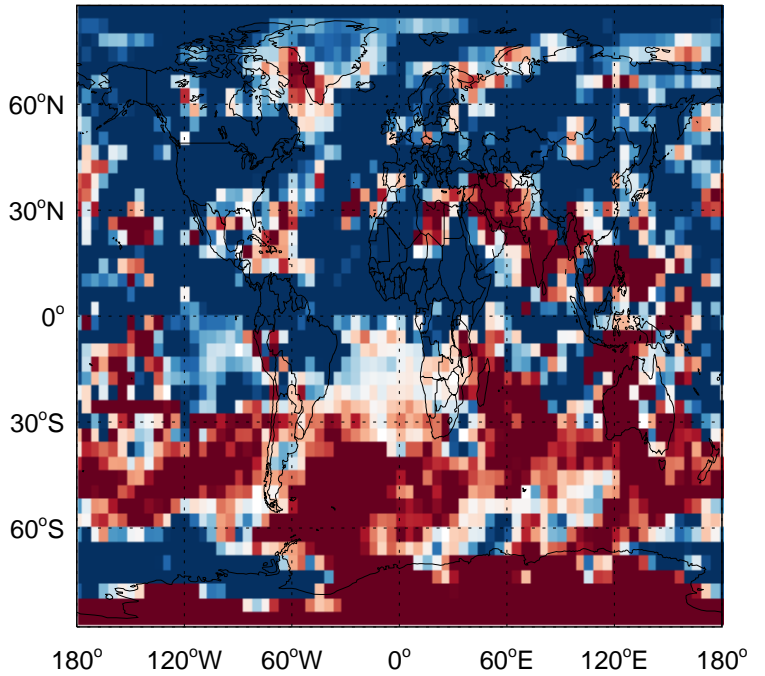
v11-02f-Run0 / v11-02e-Run1  
Cl2O2/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
Cl2O2 / Ratio @ Surface for Jul



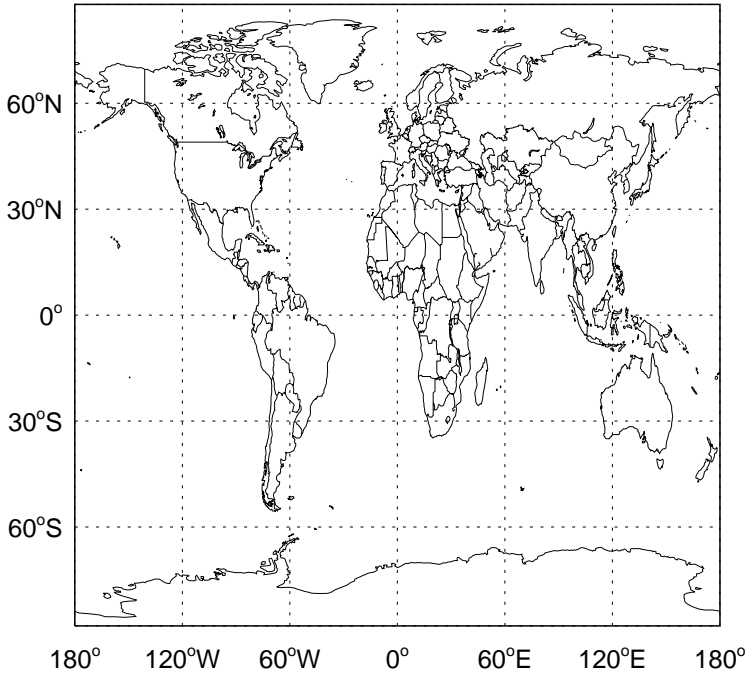
v11-02f-Run0 / v11-02e-Run0  
Cl2O2/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

v11-02f-Run0 / v11-02e-Run1

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



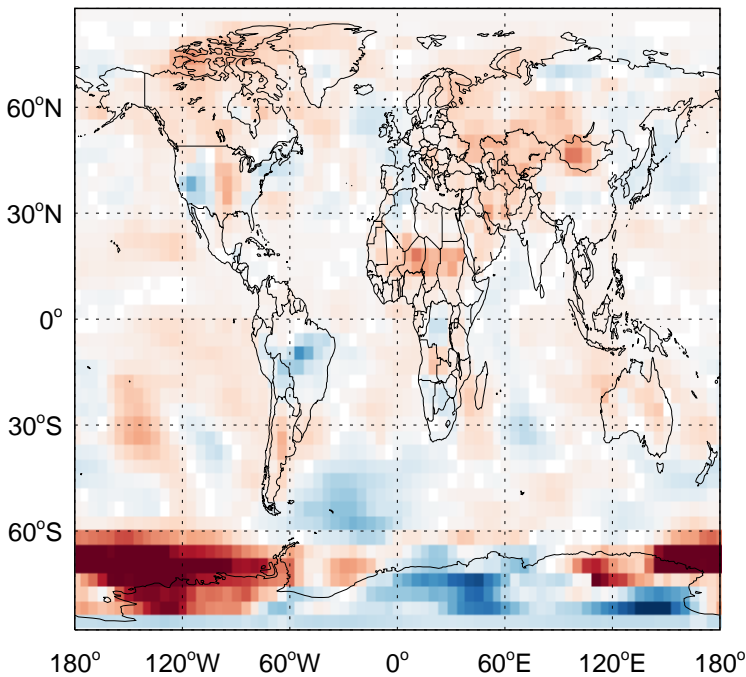
v11-02f-Run0 / v11-02e-Run1

H<sub>2</sub>O / Ratio @ 500 hPa for Jul



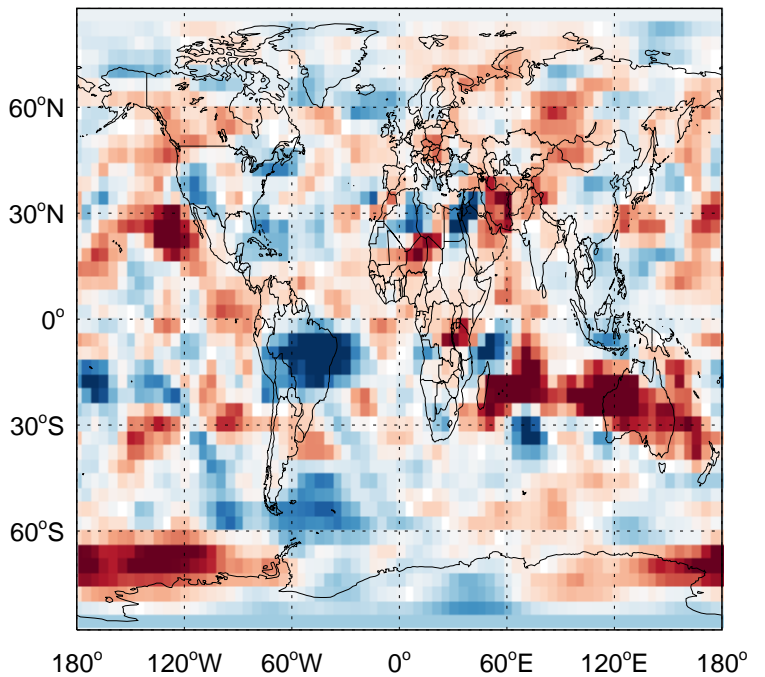
v11-02f-Run0 / v11-02e-Run0

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



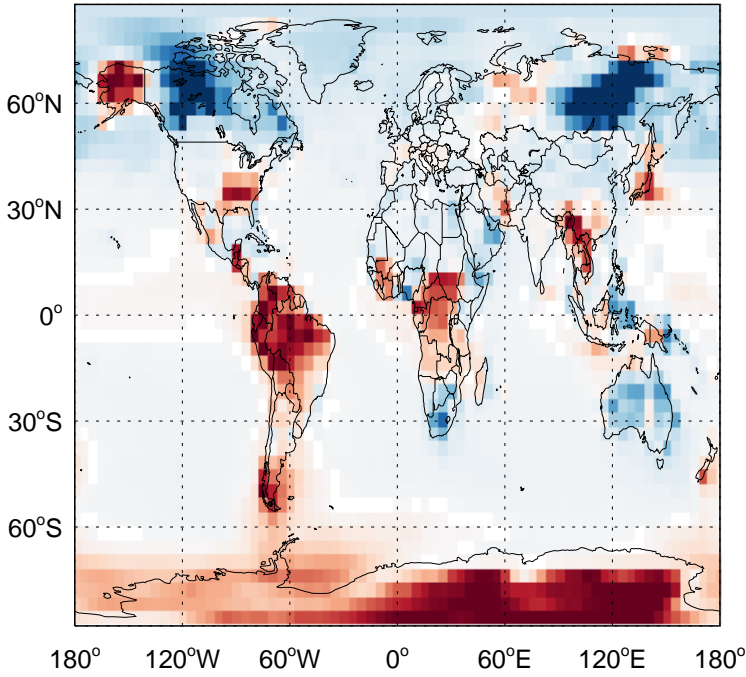
v11-02f-Run0 / v11-02e-Run0

H<sub>2</sub>O / Ratio @ 500 hPa for Jul

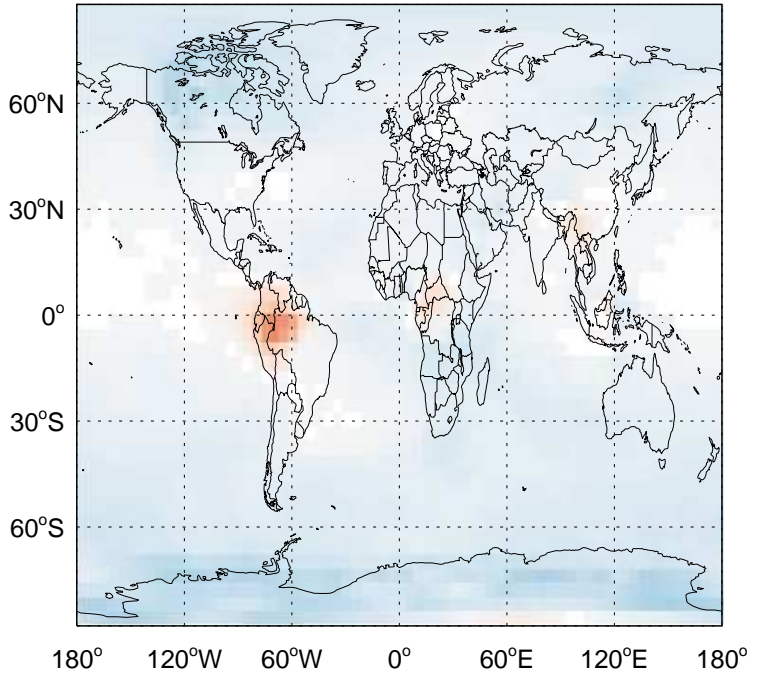


# GEOS-Chem Ratio Maps at surface and 500 hPa

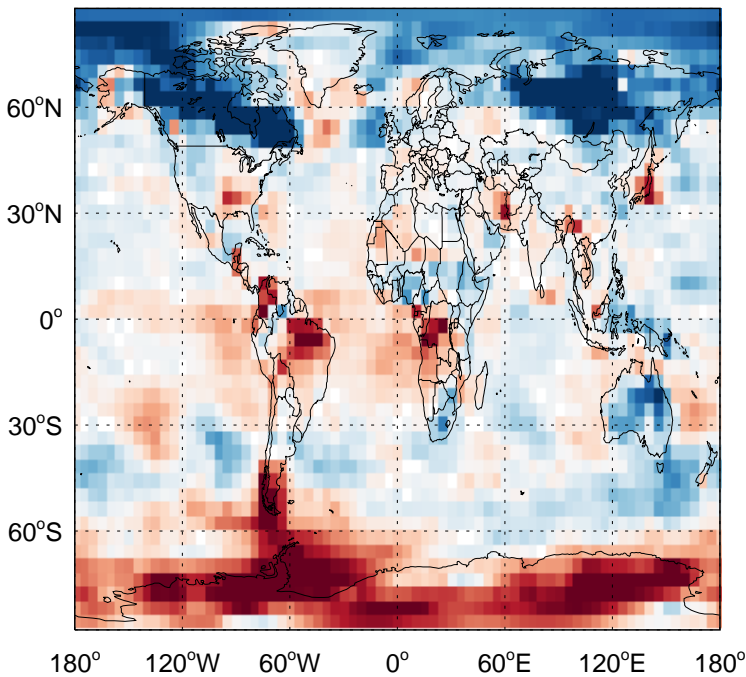
v11-02f-Run0 / v11-02e-Run1  
OH / Ratio @ Surface for Jul



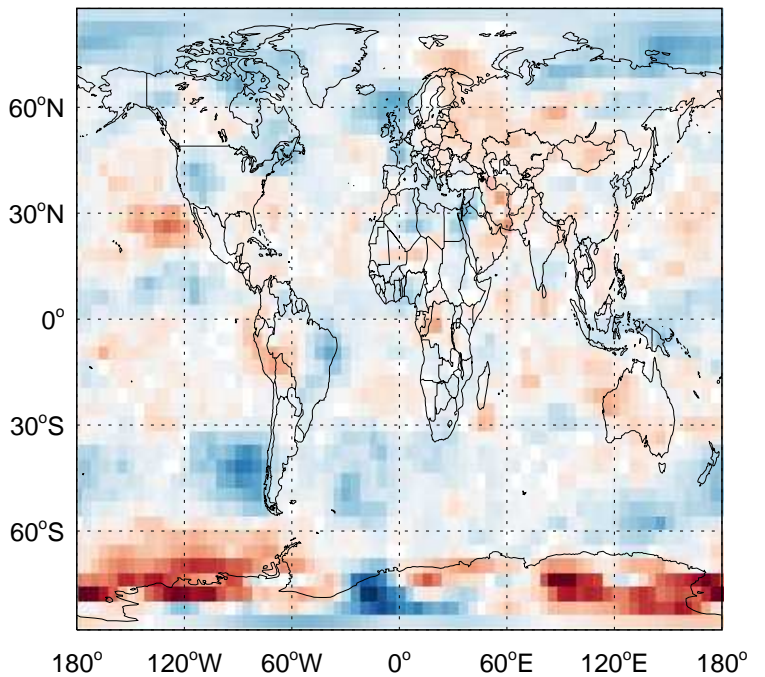
v11-02f-Run0 / v11-02e-Run1  
OH/ Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0  
OH / Ratio @ Surface for Jul



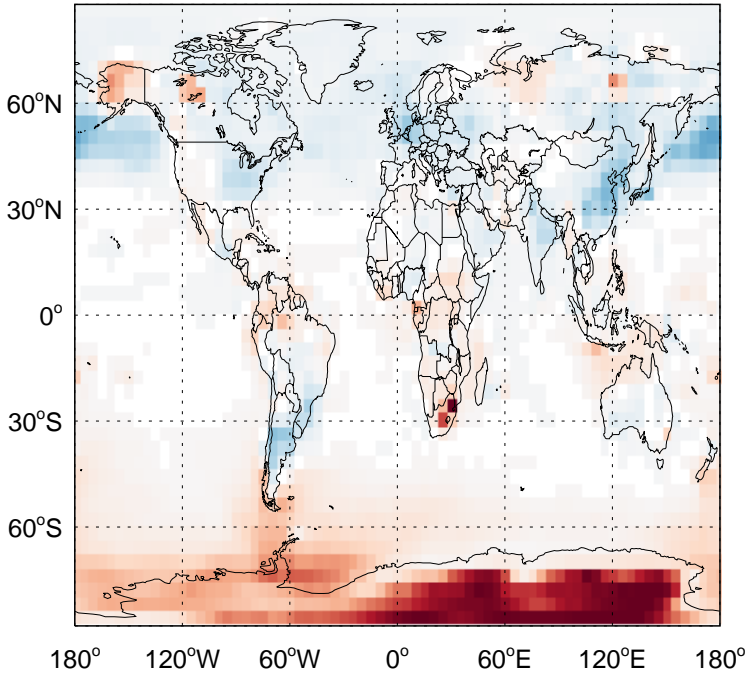
v11-02f-Run0 / v11-02e-Run0  
OH/ Ratio @ 500 hPa for Jul



# GEOS-Chem Ratio Maps at surface and 500 hPa

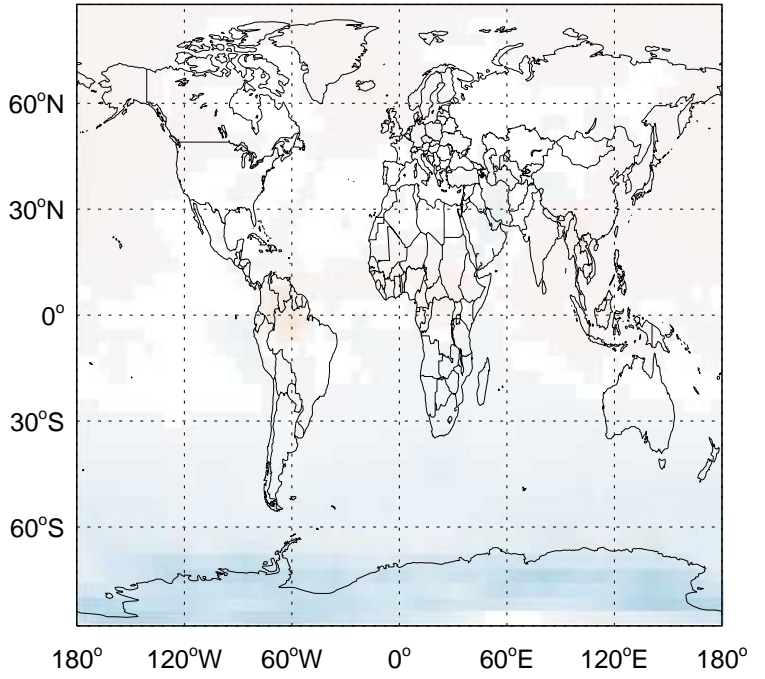
v11-02f-Run0 / v11-02e-Run1

HO2 / Ratio @ Surface for Jul



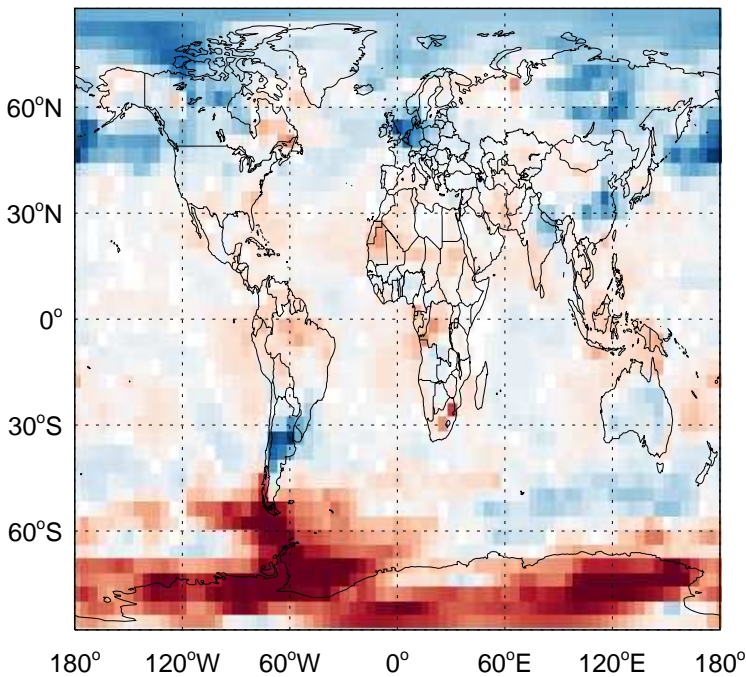
v11-02f-Run0 / v11-02e-Run1

HO2 / Ratio @ 500 hPa for Jul



v11-02f-Run0 / v11-02e-Run0

HO2 / Ratio @ Surface for Jul



v11-02f-Run0 / v11-02e-Run0

HO2 / Ratio @ 500 hPa for Jul

