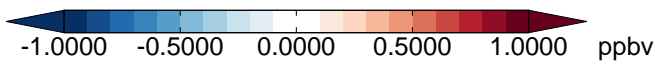
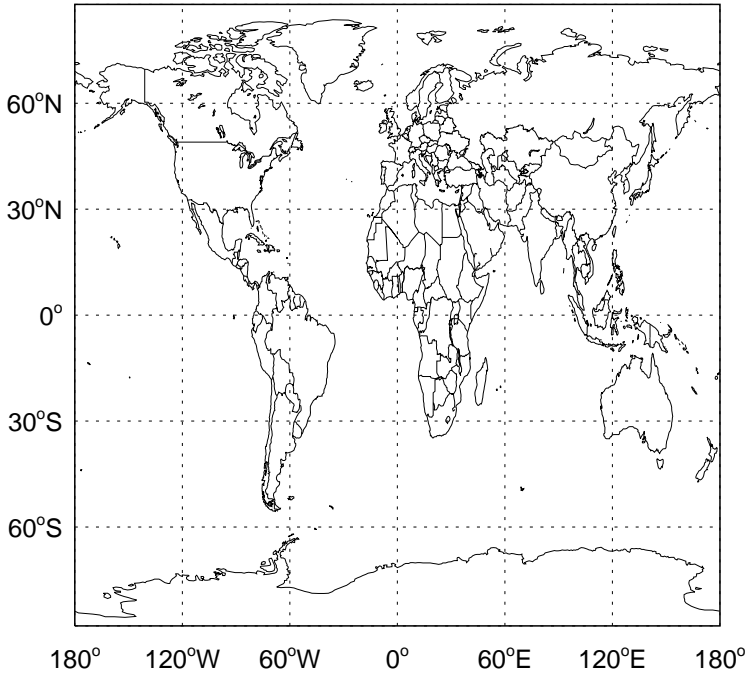
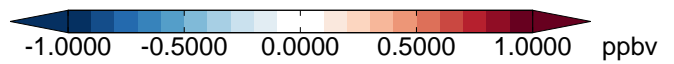


# GEOS-Chem Difference Maps at surface and 500 hPa

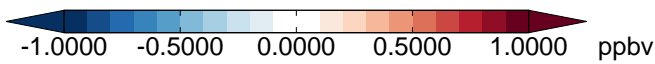
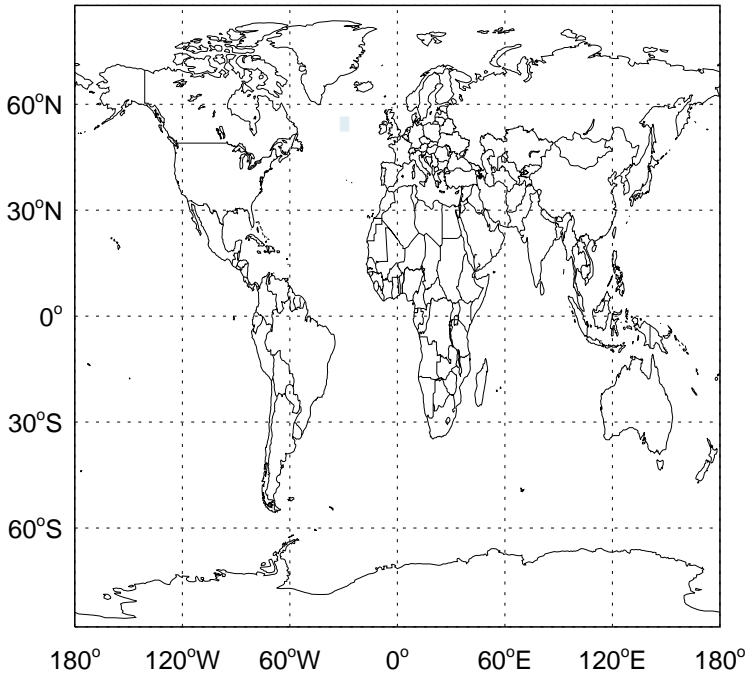
v11-02a - v11-01-public-Run0  
NO - Diff @ Surface for Jul



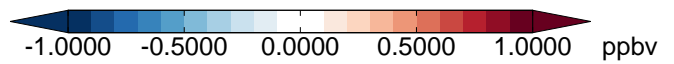
v11-02a - v11-01-public-Run0  
NO - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
NO - Diff @ Surface for Jul

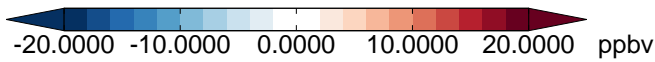
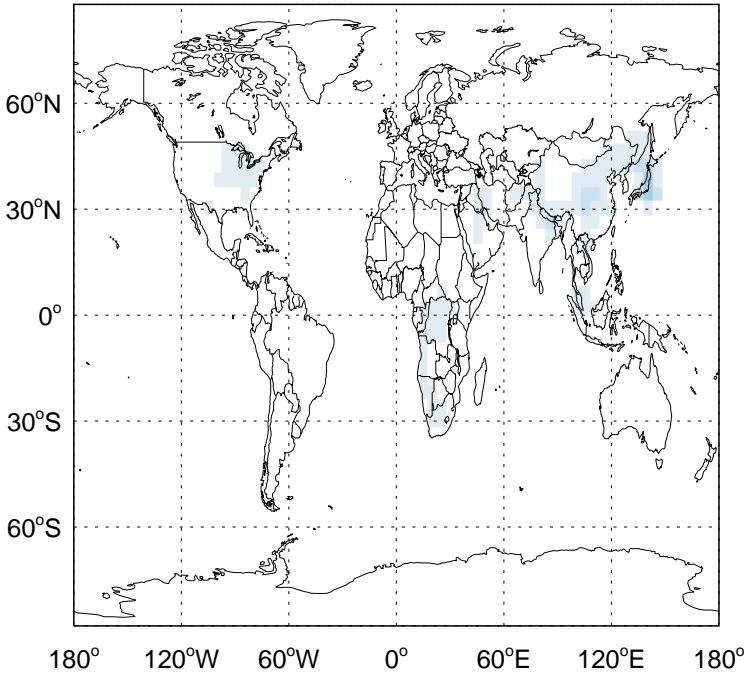


v11-02a - v11-01k-Run0  
NO - Diff @ 500 hPa for Jul

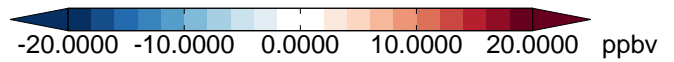


# GEOS-Chem Difference Maps at surface and 500 hPa

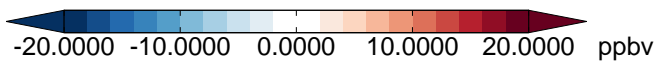
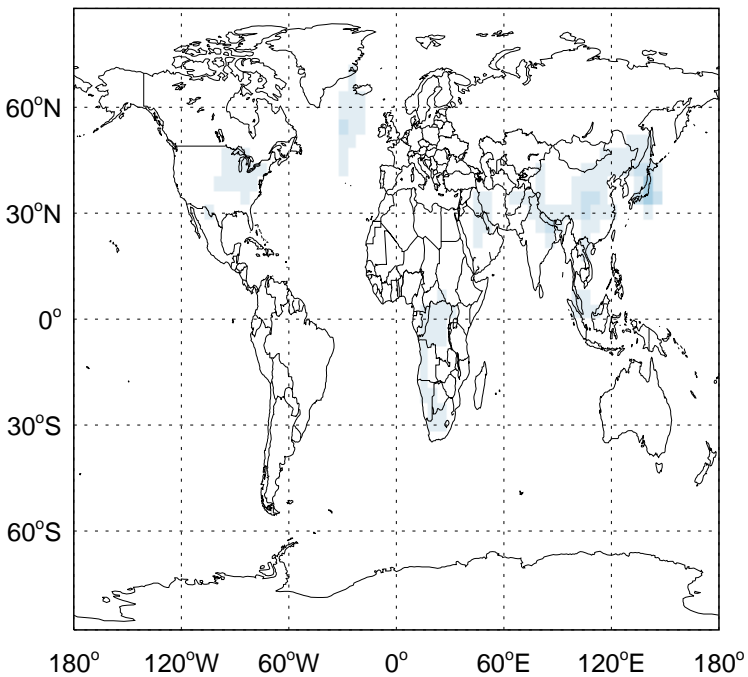
v11-02a - v11-01-public-Run0  
O3 - Diff @ Surface for Jul



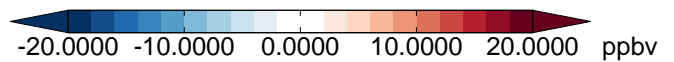
v11-02a - v11-01-public-Run0  
O3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
O3 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
O3- Diff @ 500 hPa for Jul

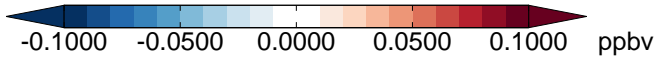
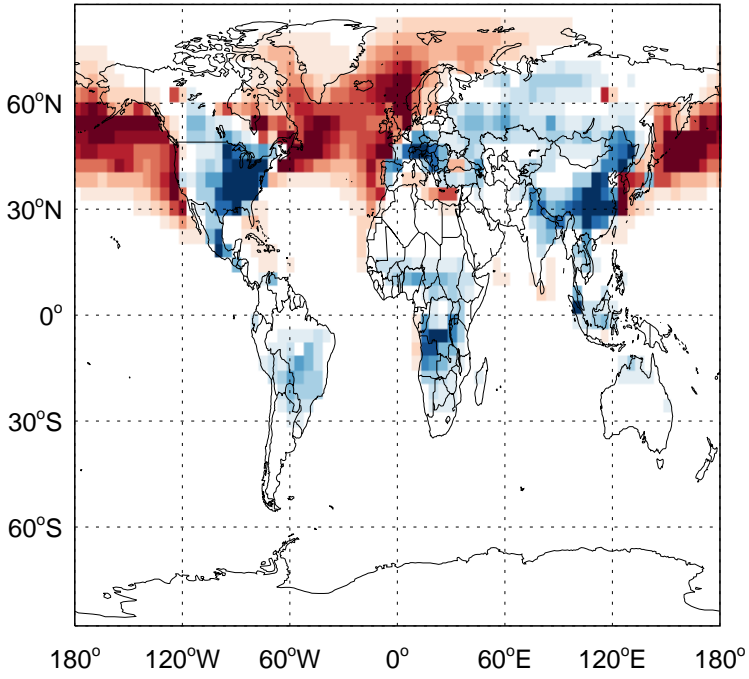




# GEOS-Chem Difference Maps at surface and 500 hPa

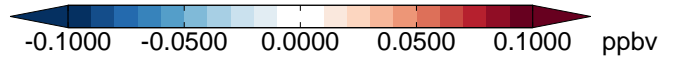
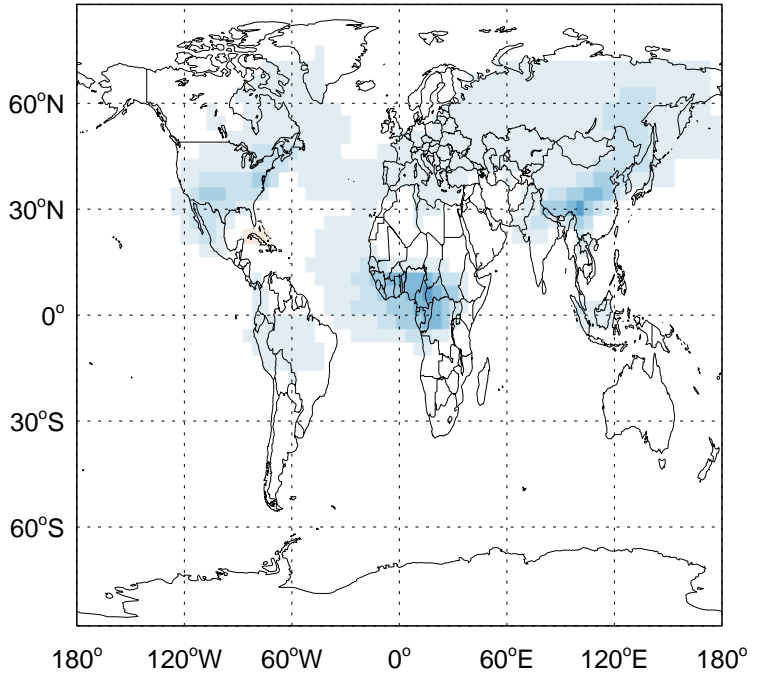
v11-02a - v11-01-public-Run0

PAN - Diff @ Surface for Jul



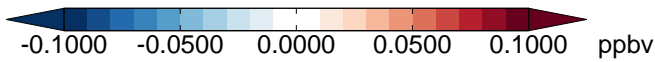
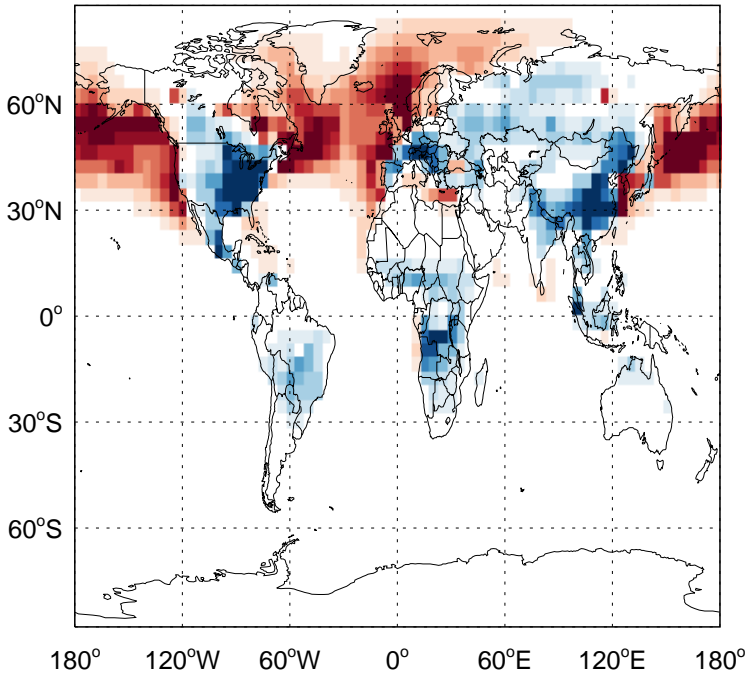
v11-02a - v11-01-public-Run0

PAN- Diff @ 500 hPa for Jul



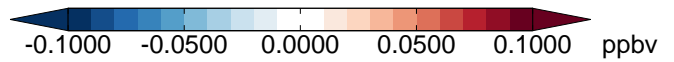
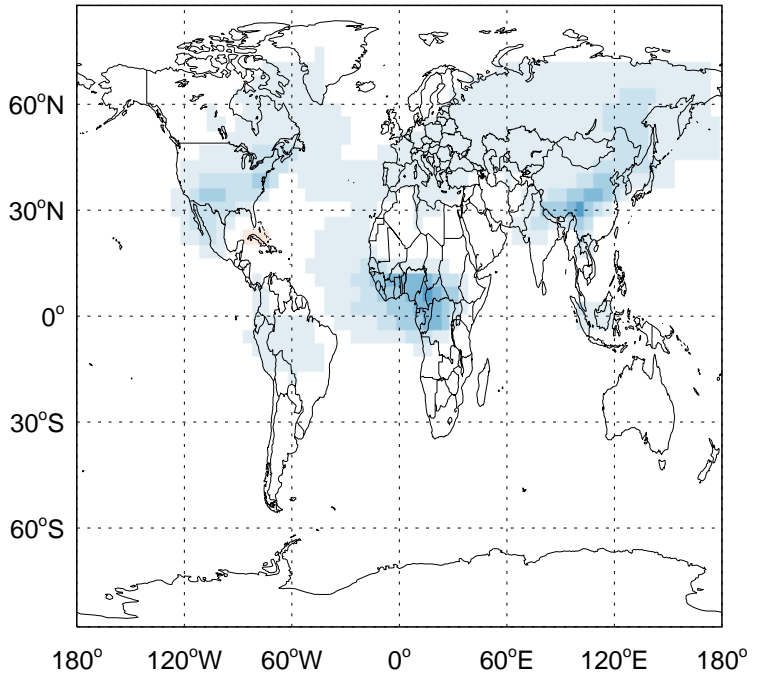
v11-02a - v11-01k-Run0

PAN - Diff @ Surface for Jul



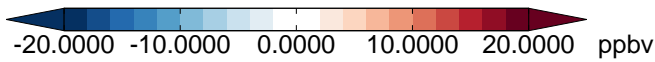
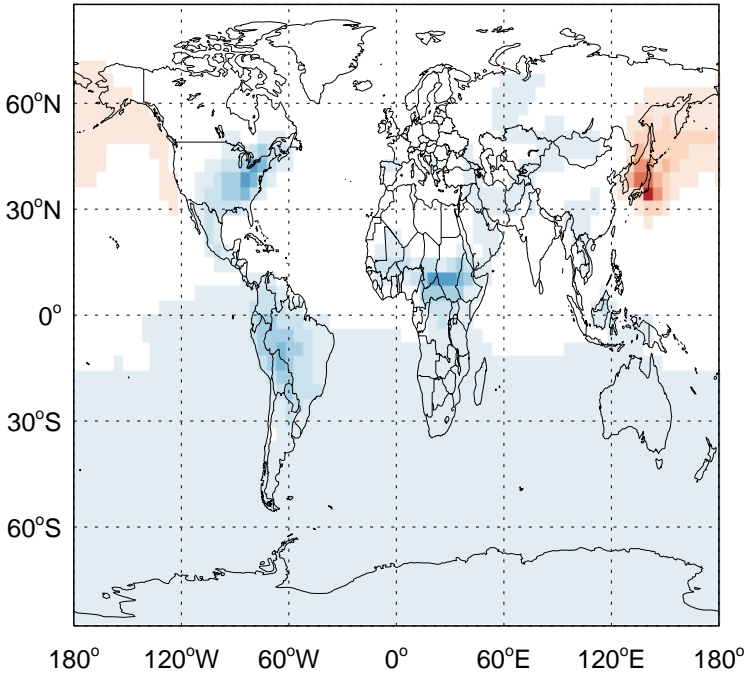
v11-02a - v11-01k-Run0

PAN- Diff @ 500 hPa for Jul

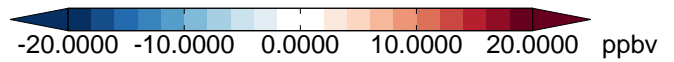
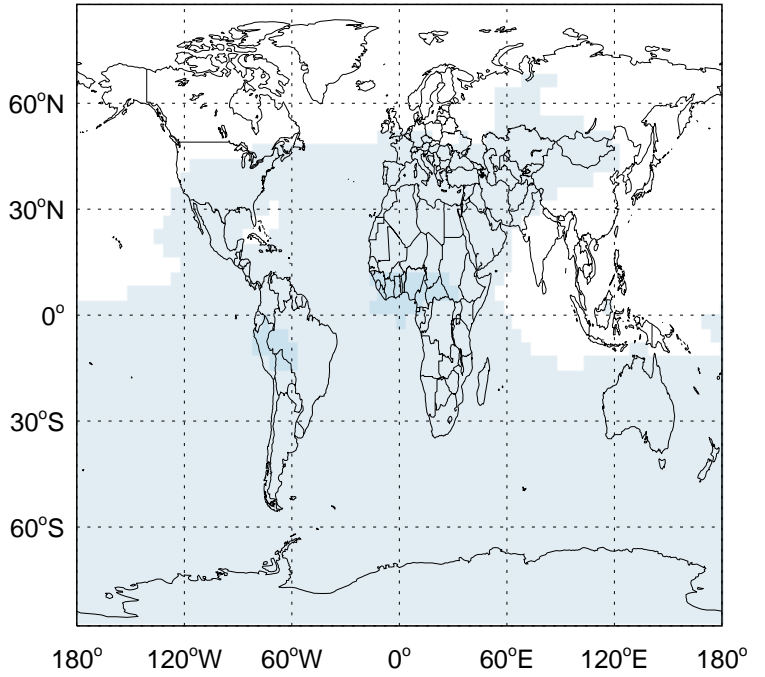


# GEOS-Chem Difference Maps at surface and 500 hPa

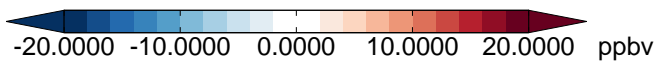
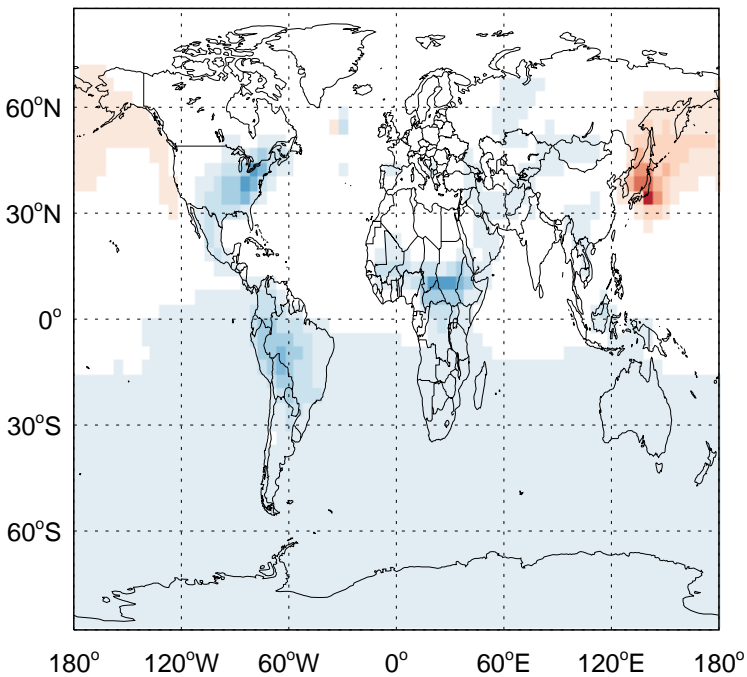
v11-02a - v11-01-public-Run0  
CO - Diff @ Surface for Jul



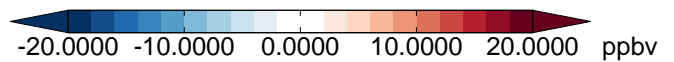
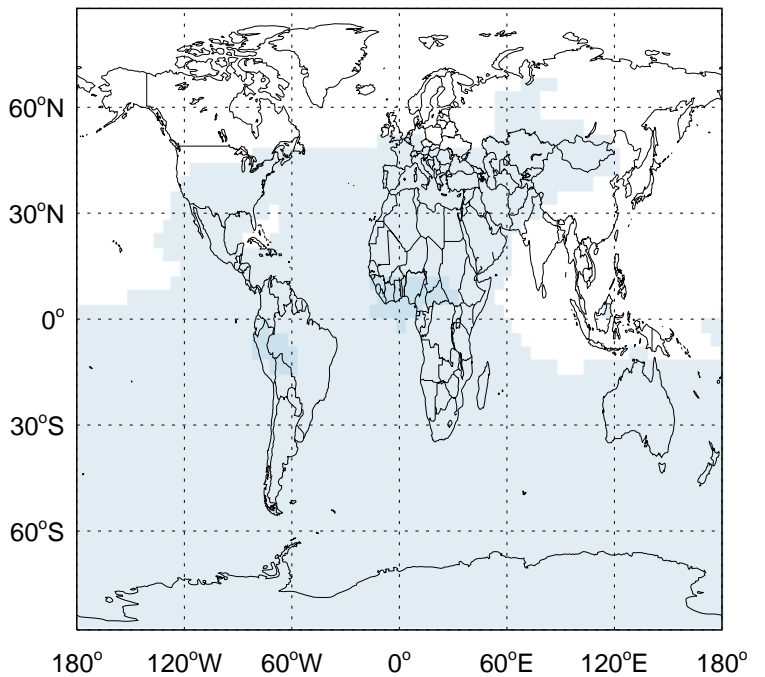
v11-02a - v11-01-public-Run0  
CO - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CO - Diff @ Surface for Jul

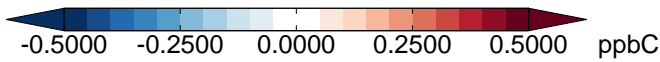
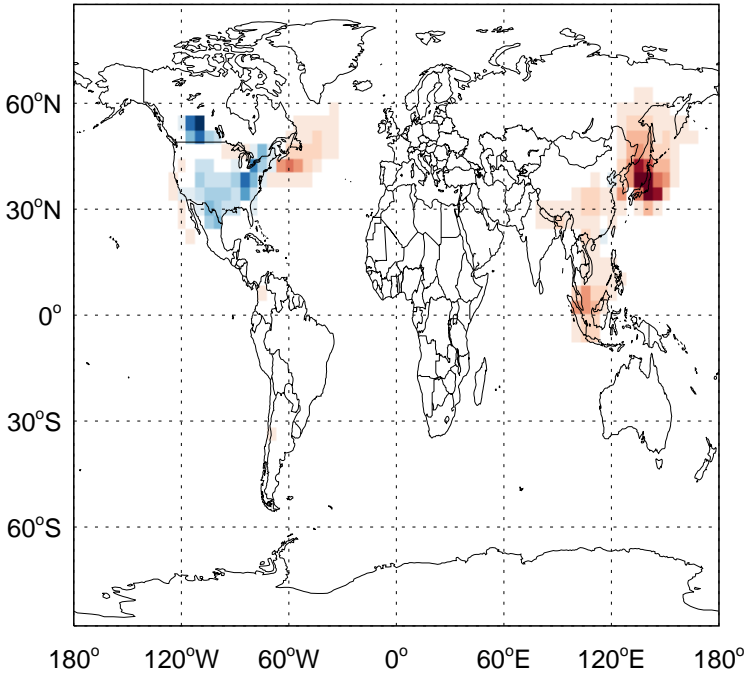


v11-02a - v11-01k-Run0  
CO - Diff @ 500 hPa for Jul

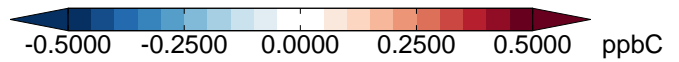
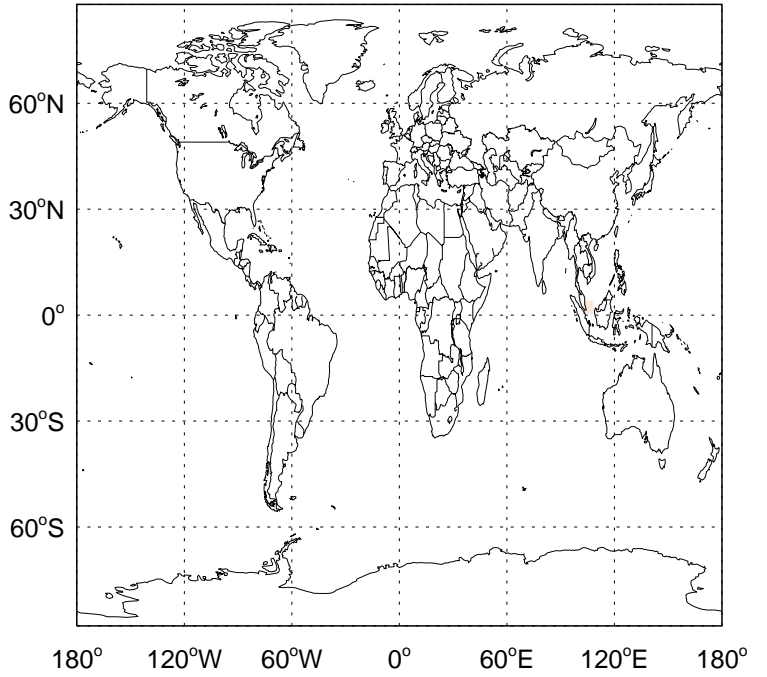


# GEOS-Chem Difference Maps at surface and 500 hPa

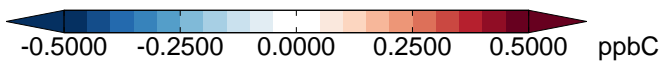
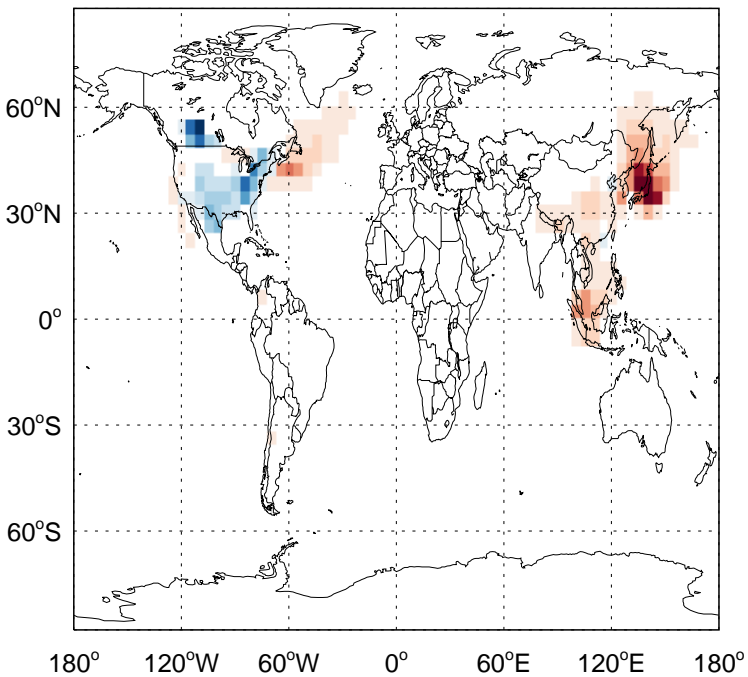
v11-02a - v11-01-public-Run0  
ALK4 - Diff @ Surface for Jul



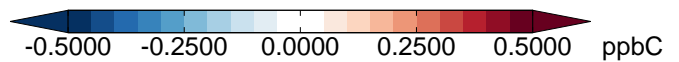
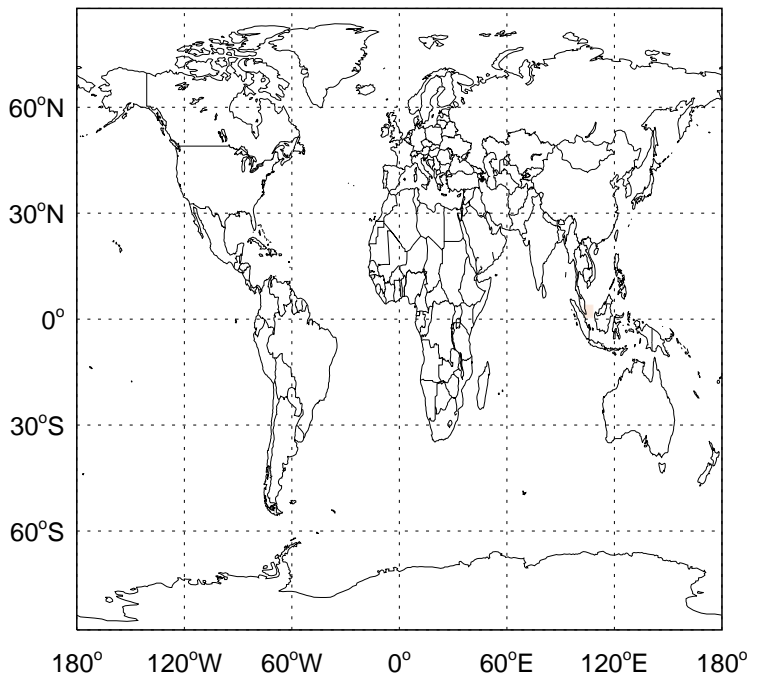
v11-02a - v11-01-public-Run0  
ALK4- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ALK4 - Diff @ Surface for Jul

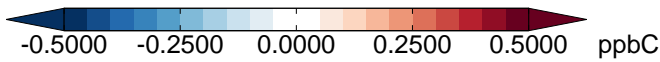
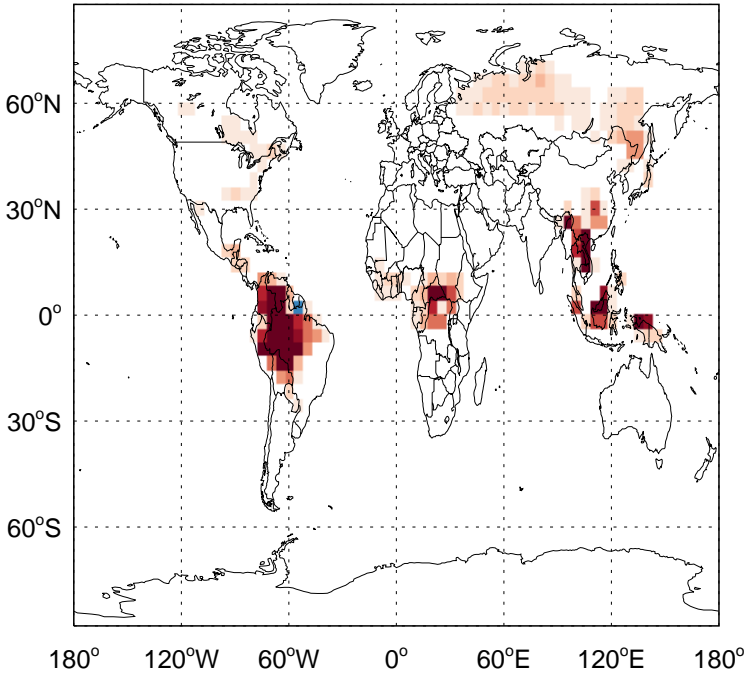


v11-02a - v11-01k-Run0  
ALK4- Diff @ 500 hPa for Jul

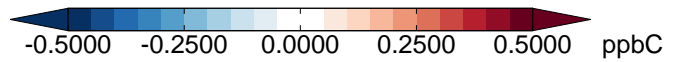
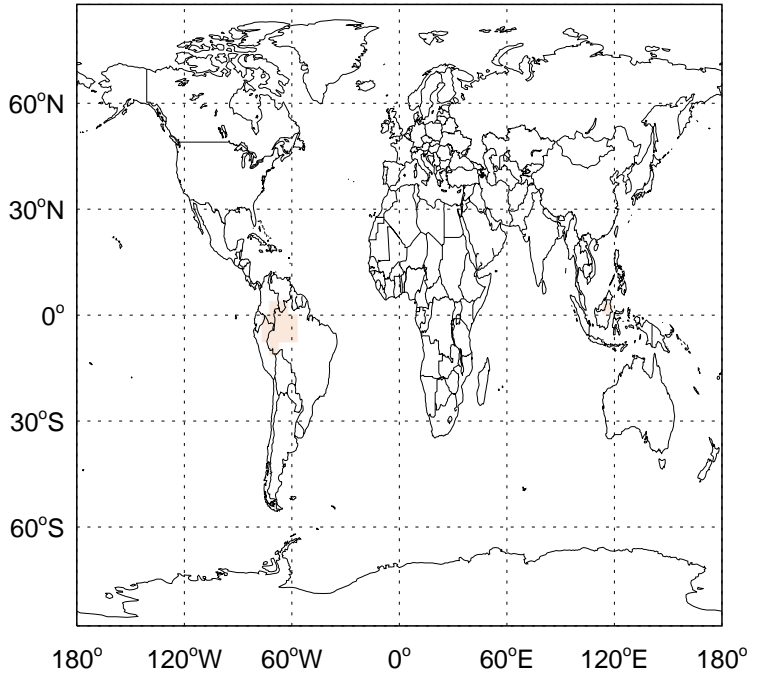


# GEOS-Chem Difference Maps at surface and 500 hPa

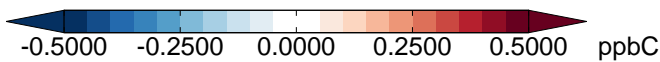
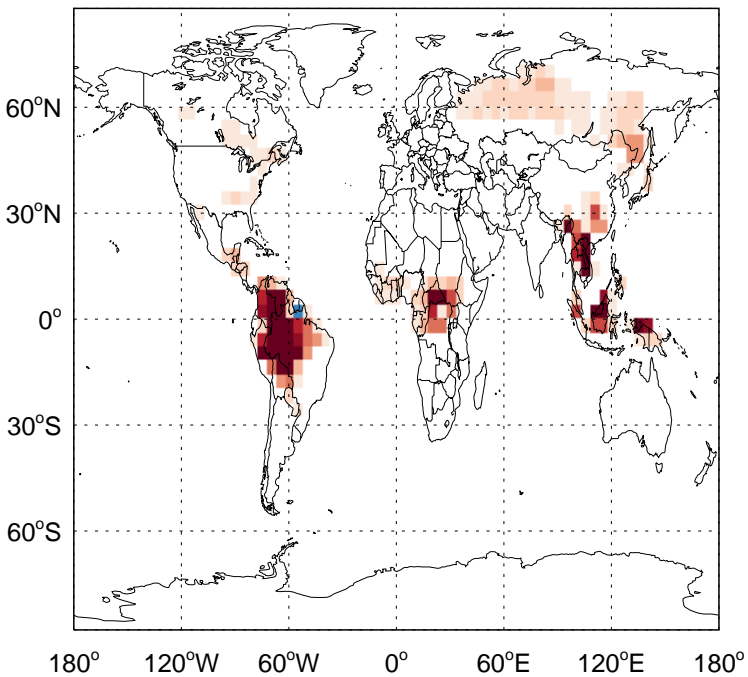
v11-02a - v11-01-public-Run0  
ISOP - Diff @ Surface for Jul



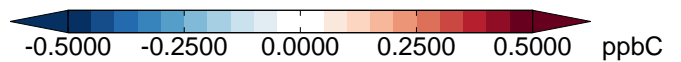
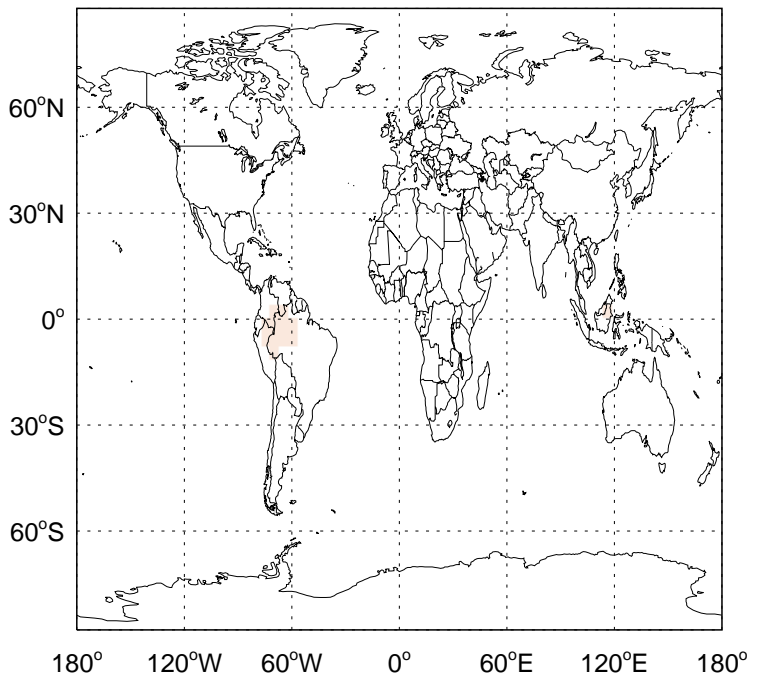
v11-02a - v11-01-public-Run0  
ISOP - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOP - Diff @ Surface for Jul

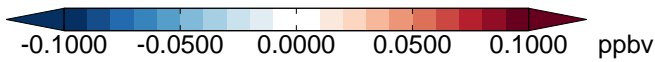
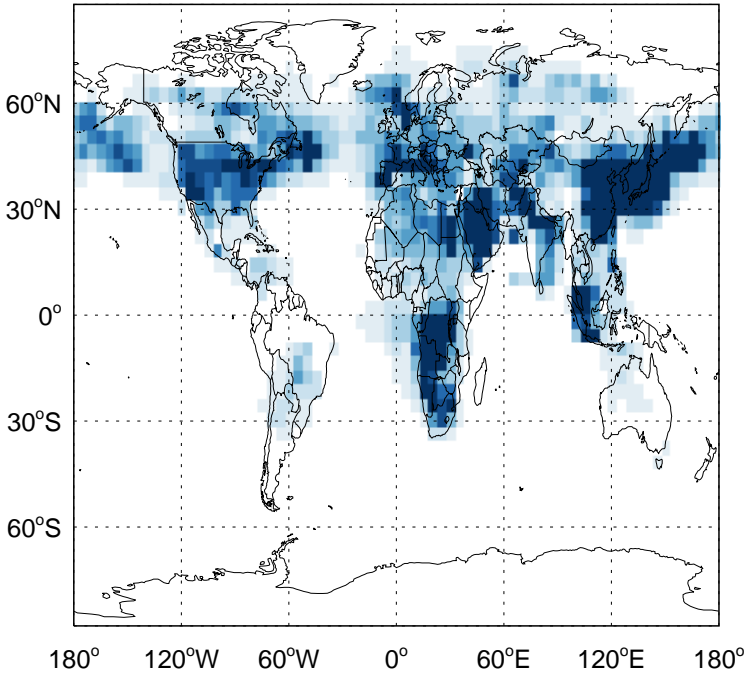


v11-02a - v11-01k-Run0  
ISOP - Diff @ 500 hPa for Jul

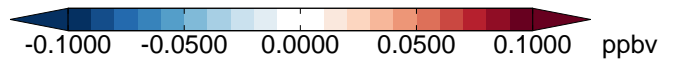
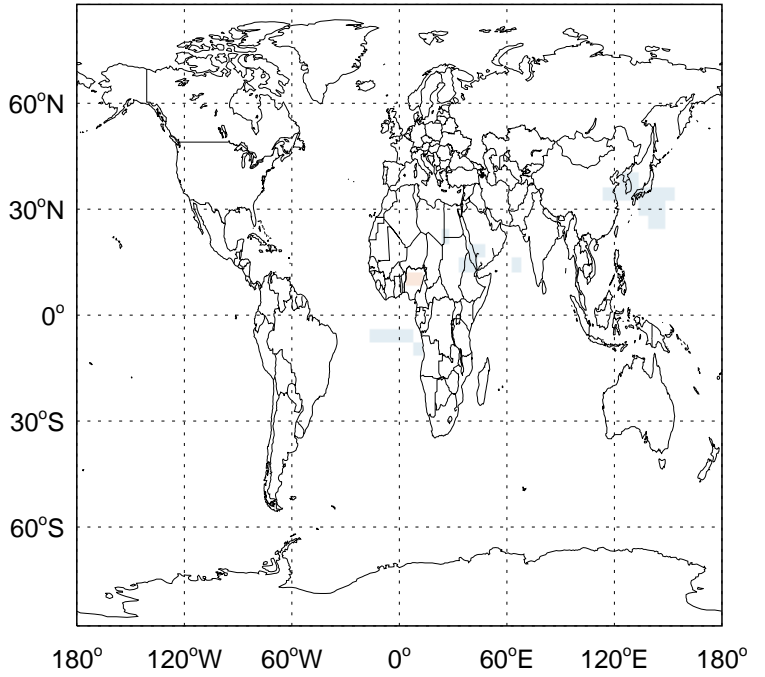


# GEOS-Chem Difference Maps at surface and 500 hPa

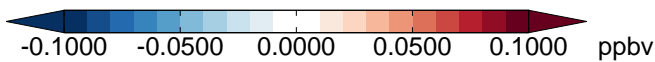
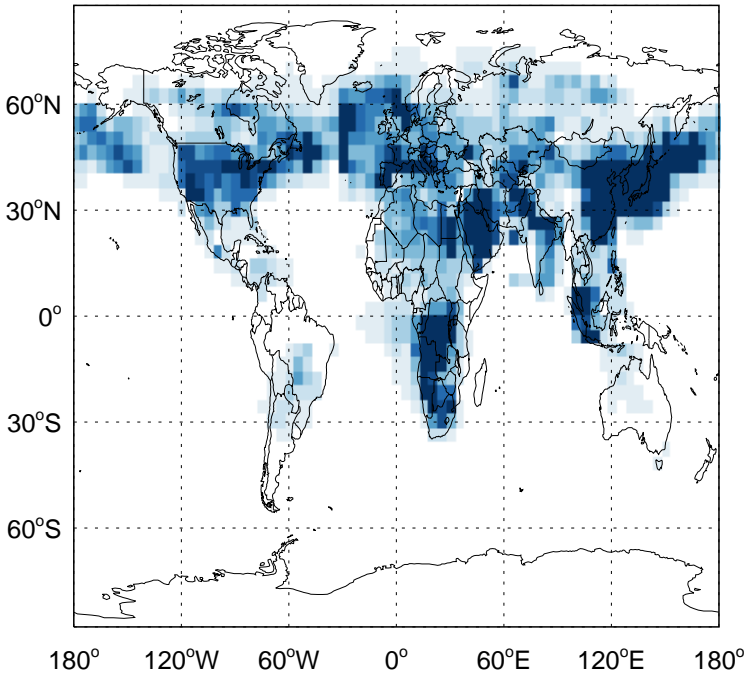
v11-02a - v11-01-public-Run0  
HNO<sub>3</sub> - Diff @ Surface for Jul



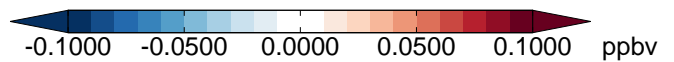
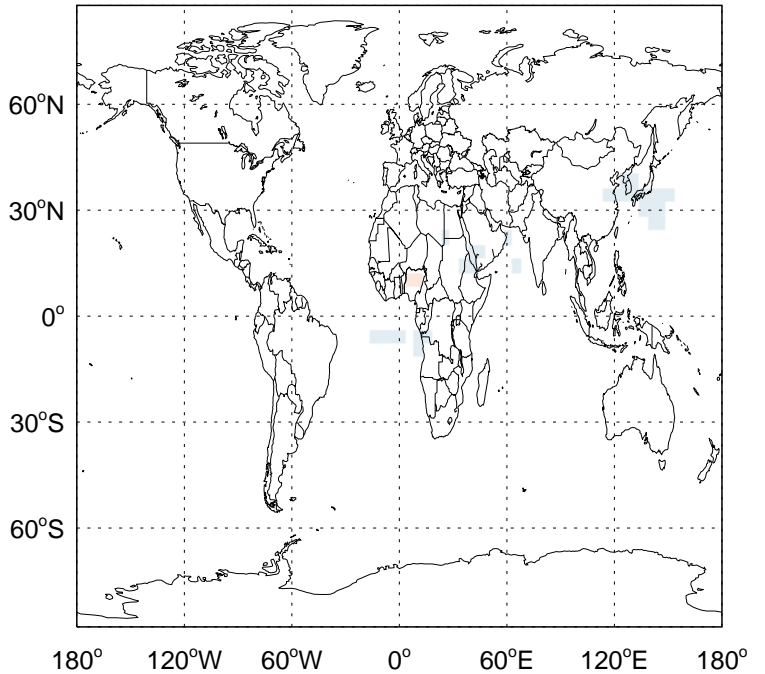
v11-02a - v11-01-public-Run0  
HNO<sub>3</sub>- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HNO<sub>3</sub> - Diff @ Surface for Jul

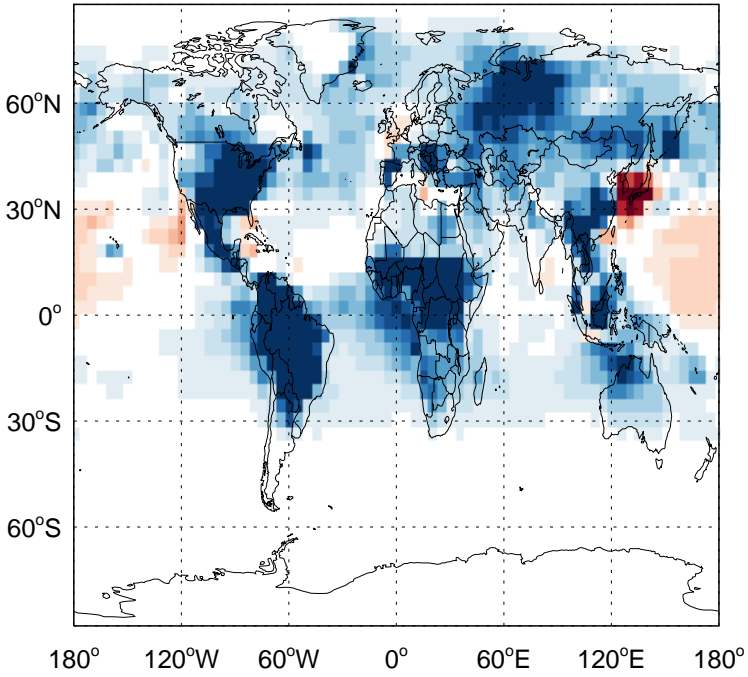


v11-02a - v11-01k-Run0  
HNO<sub>3</sub>- Diff @ 500 hPa for Jul

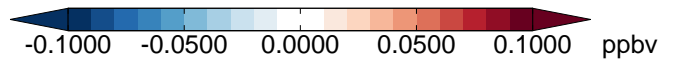
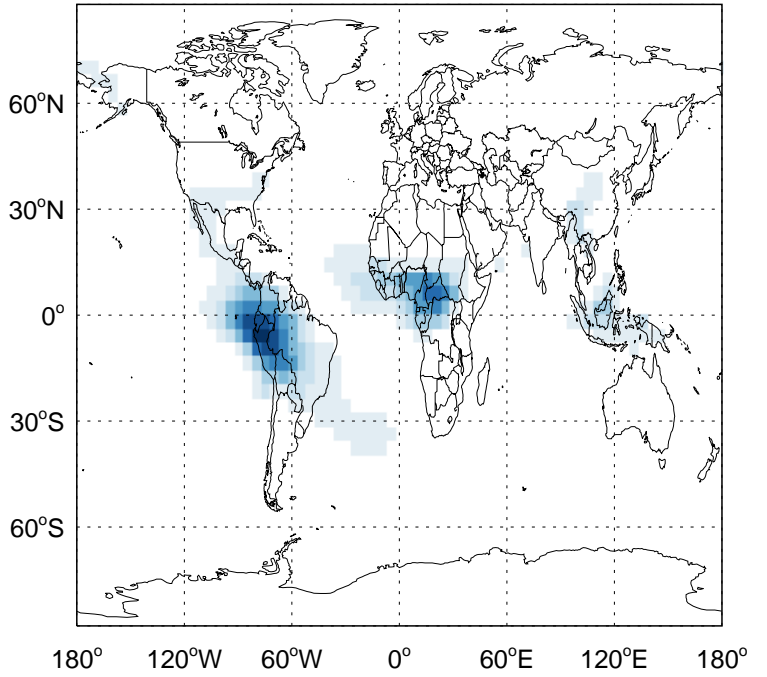


# GEOS-Chem Difference Maps at surface and 500 hPa

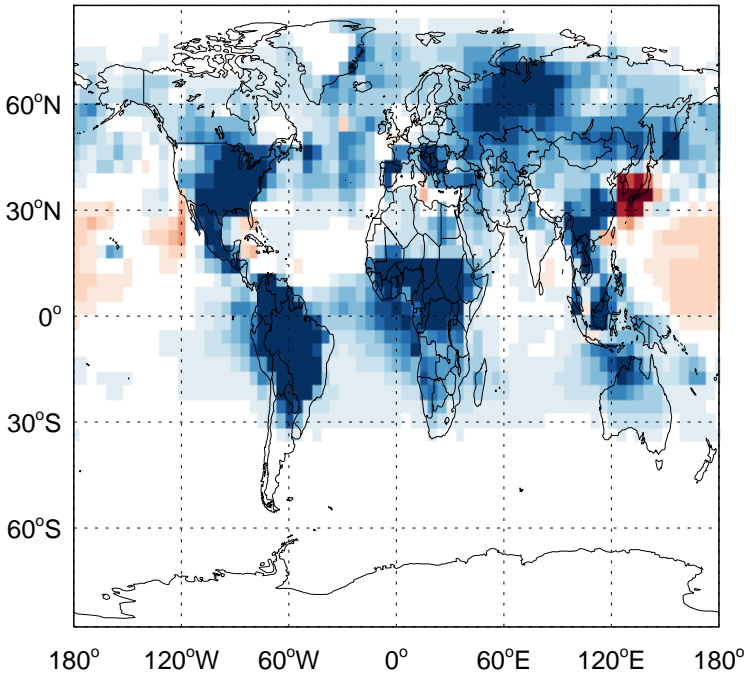
v11-02a - v11-01-public-Run0  
H2O2 - Diff @ Surface for Jul



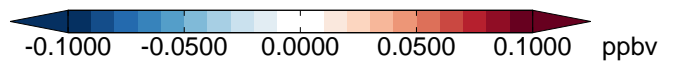
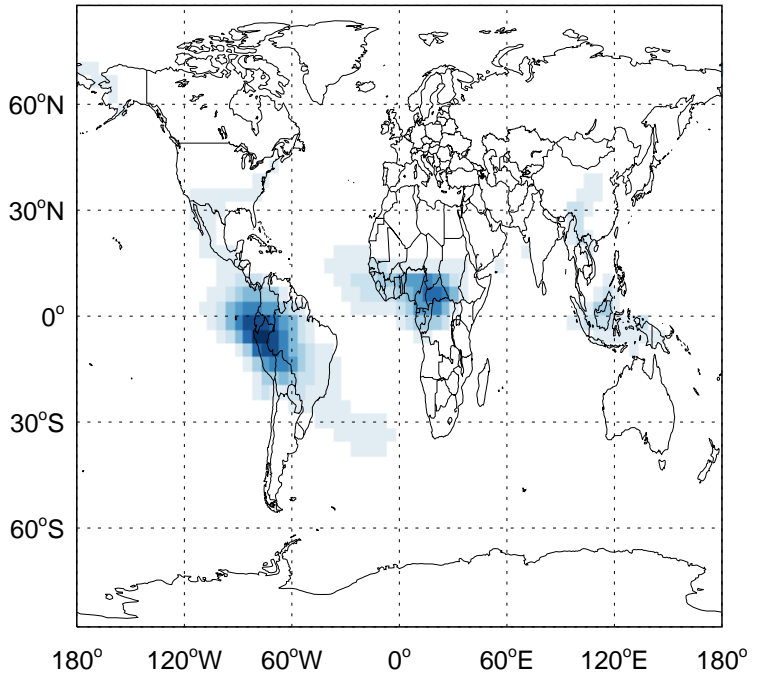
v11-02a - v11-01-public-Run0  
H2O2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
H2O2 - Diff @ Surface for Jul



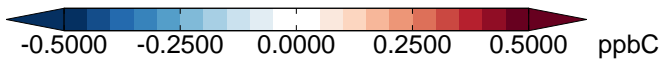
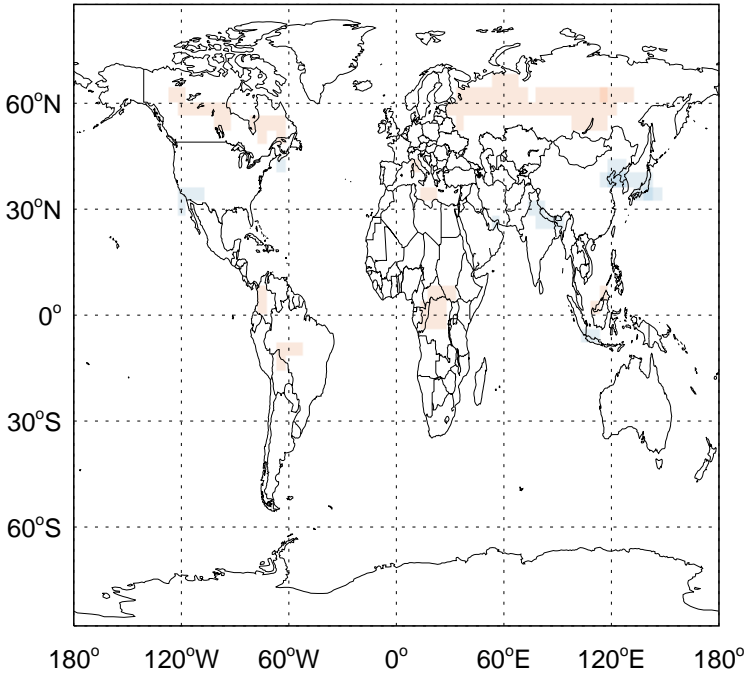
v11-02a - v11-01k-Run0  
H2O2- Diff @ 500 hPa for Jul



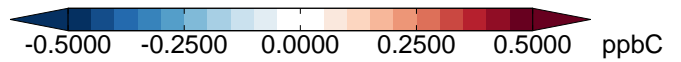


# GEOS-Chem Difference Maps at surface and 500 hPa

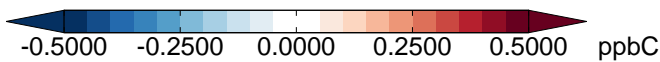
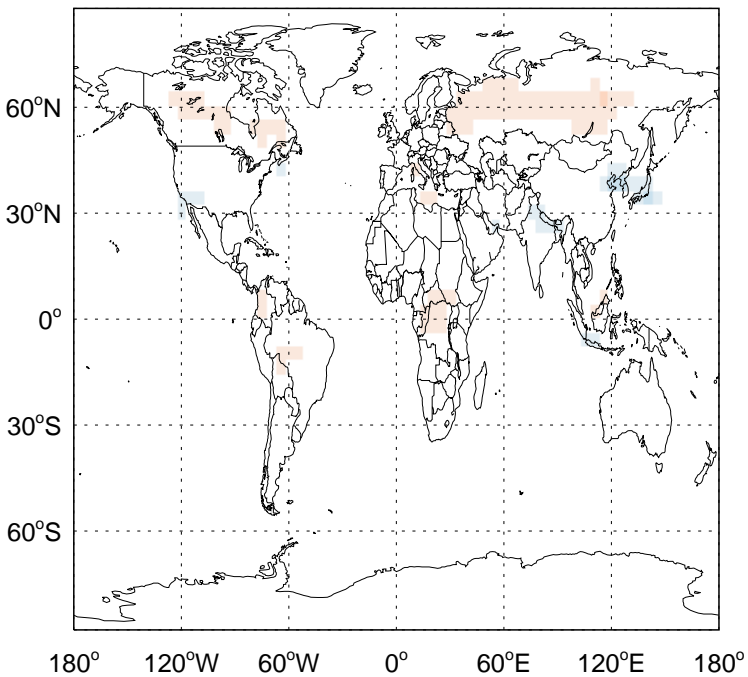
v11-02a - v11-01-public-Run0  
ACET - Diff @ Surface for Jul



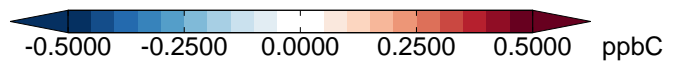
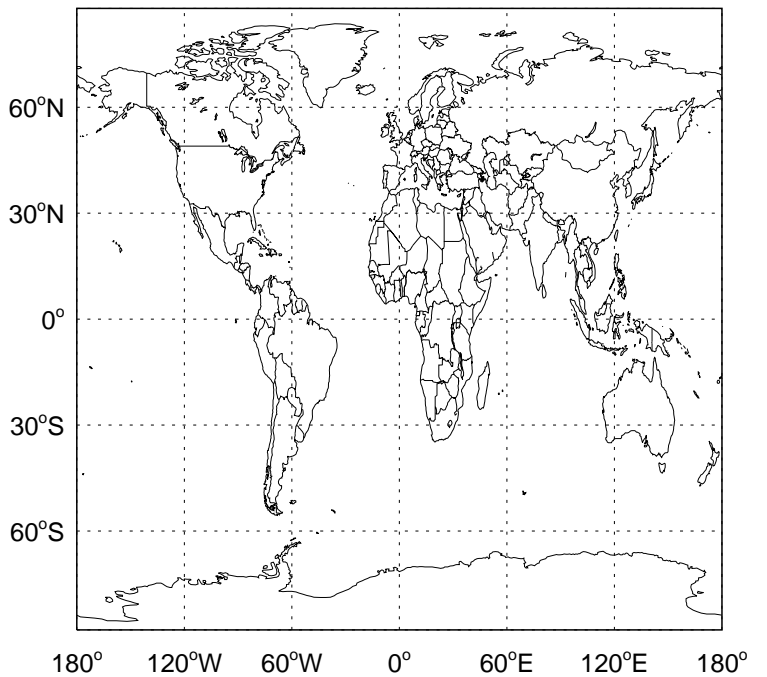
v11-02a - v11-01-public-Run0  
ACET- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ACET - Diff @ Surface for Jul



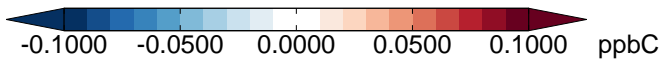
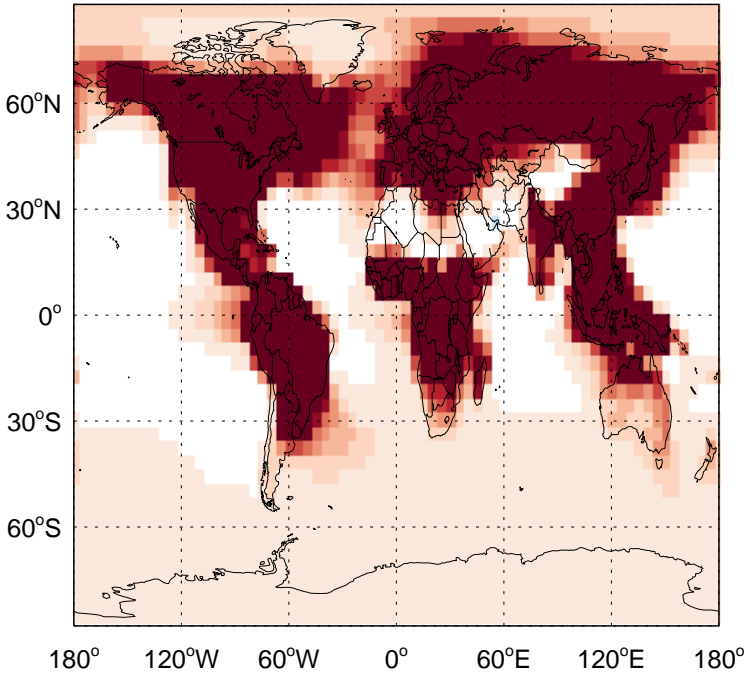
v11-02a - v11-01k-Run0  
ACET- Diff @ 500 hPa for Jul



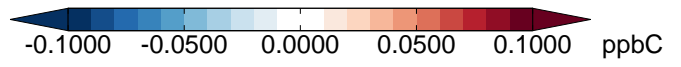
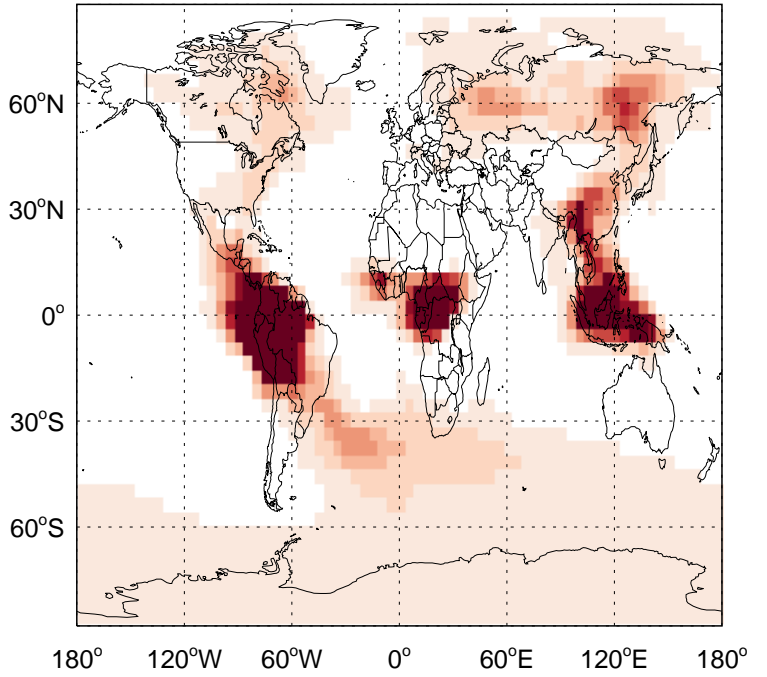


# GEOS-Chem Difference Maps at surface and 500 hPa

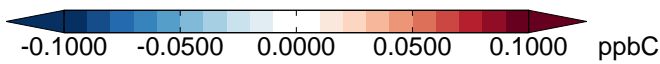
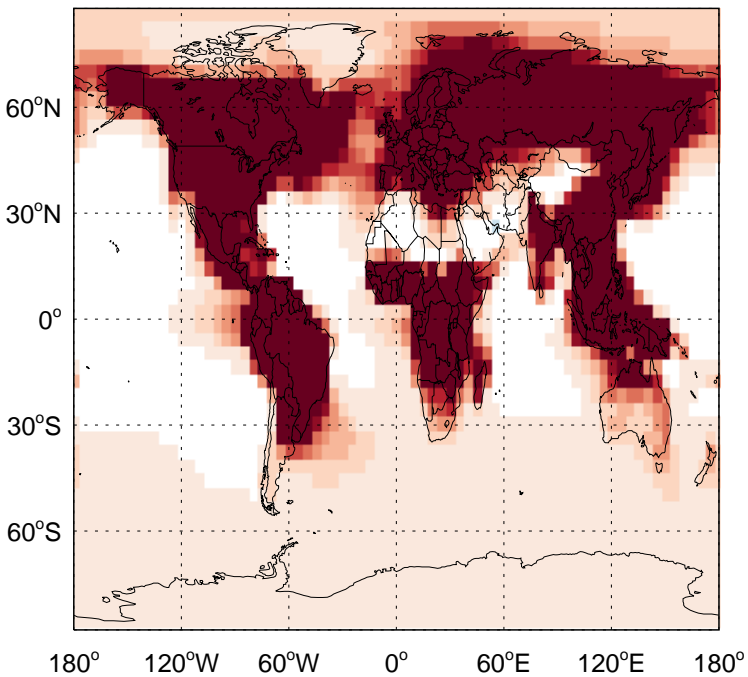
v11-02a - v11-01-public-Run0  
MEK - Diff @ Surface for Jul



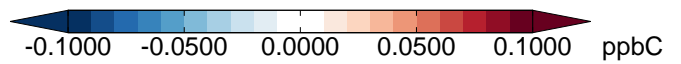
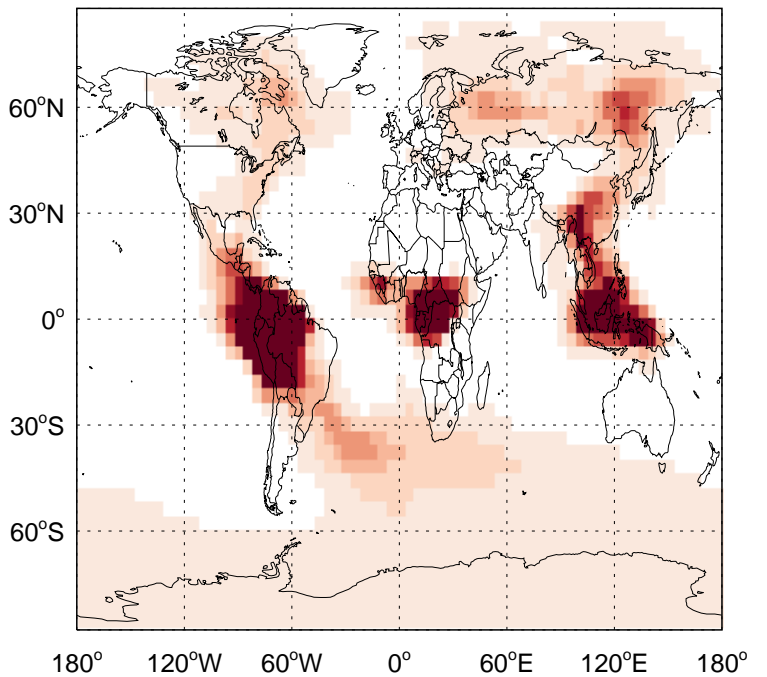
v11-02a - v11-01-public-Run0  
MEK - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MEK - Diff @ Surface for Jul

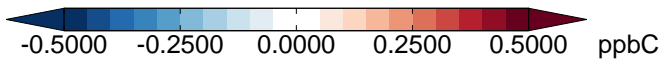
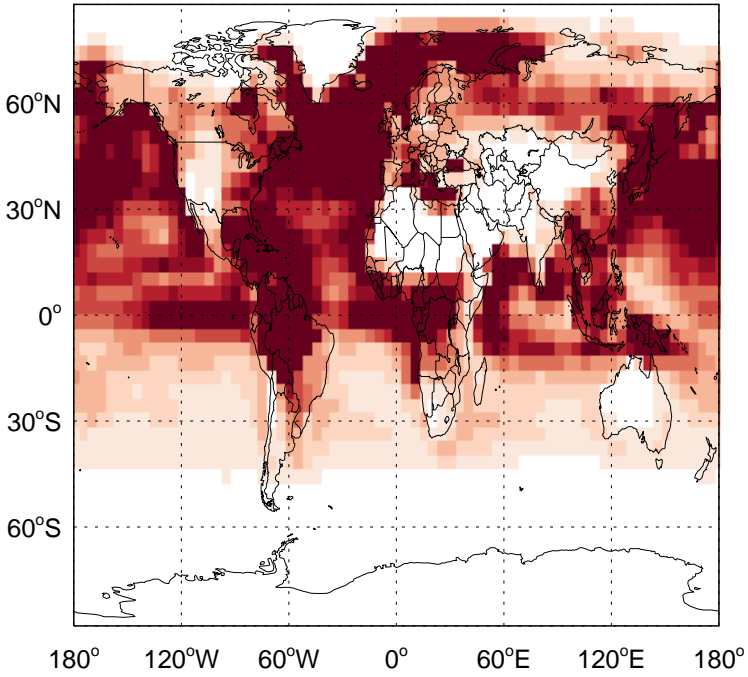


v11-02a - v11-01k-Run0  
MEK - Diff @ 500 hPa for Jul

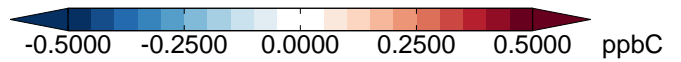
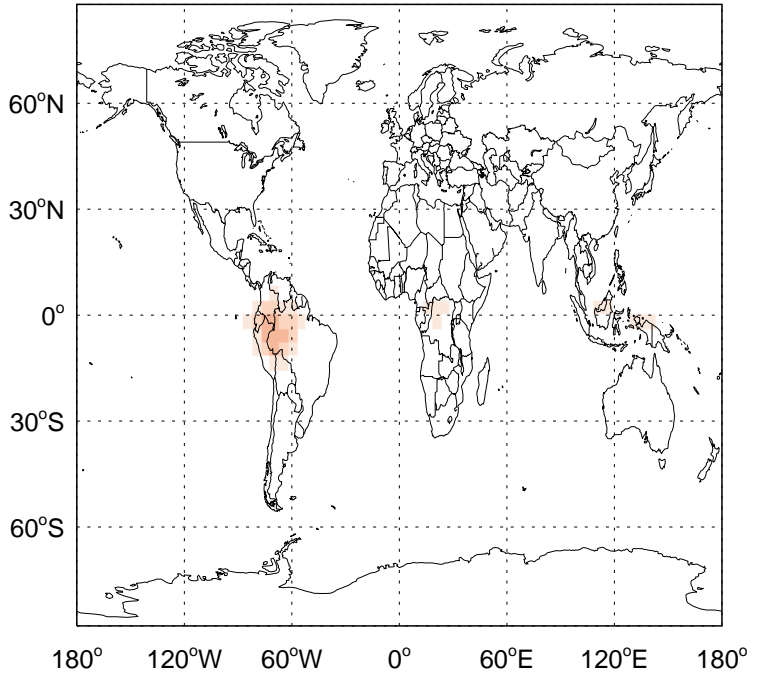


# GEOS-Chem Difference Maps at surface and 500 hPa

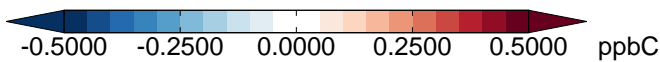
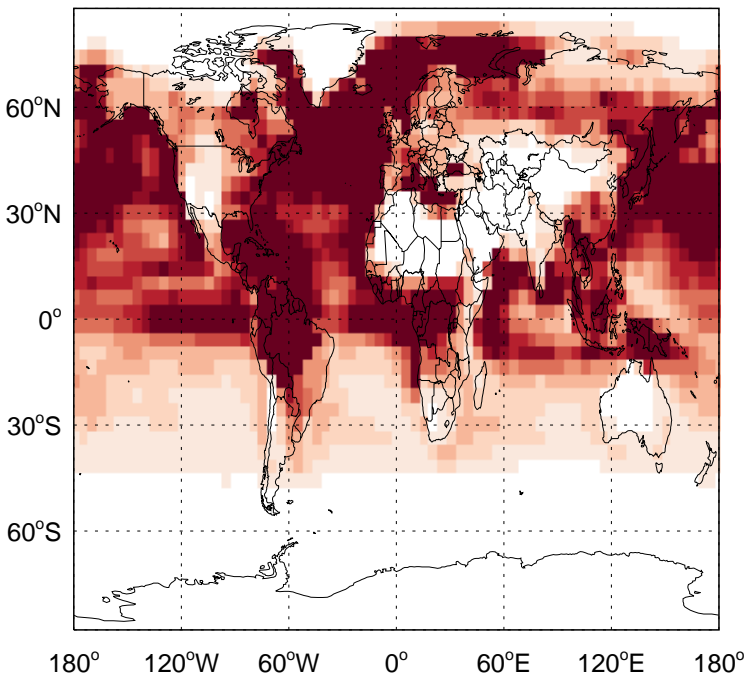
v11-02a - v11-01-public-Run0  
ALD2 - Diff @ Surface for Jul



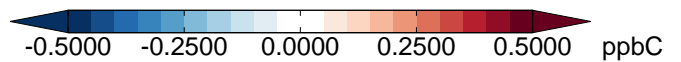
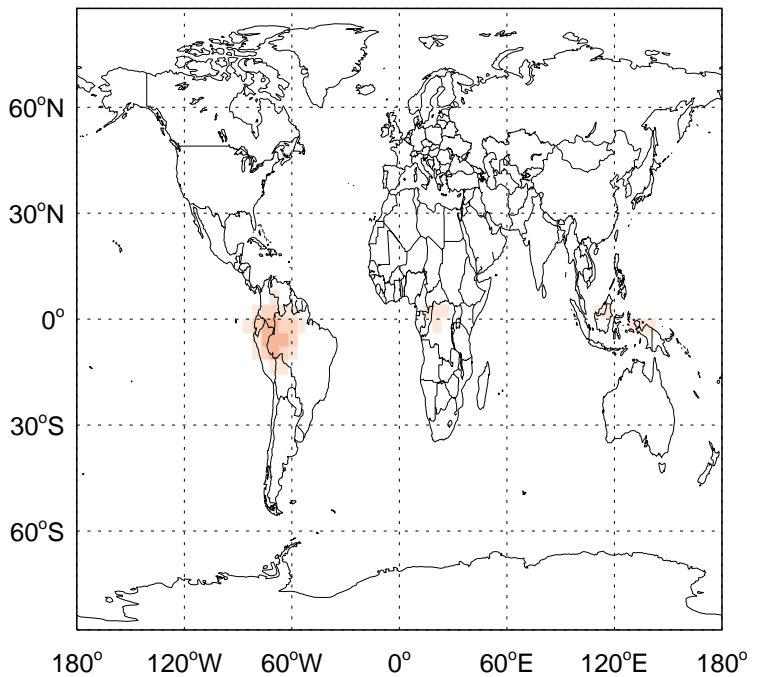
v11-02a - v11-01-public-Run0  
ALD2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ALD2 - Diff @ Surface for Jul

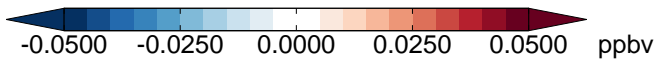
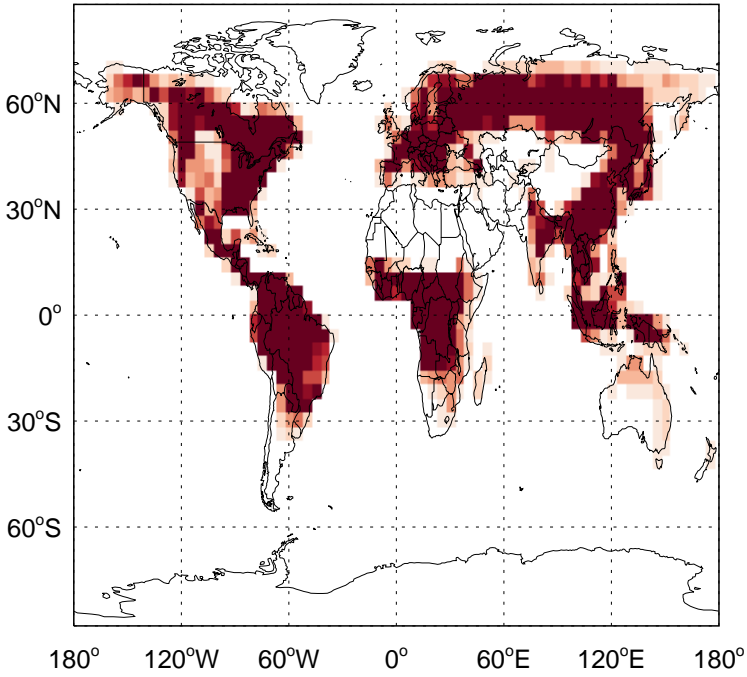


v11-02a - v11-01k-Run0  
ALD2- Diff @ 500 hPa for Jul

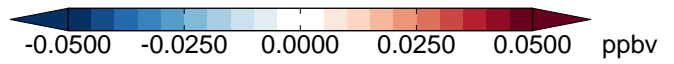
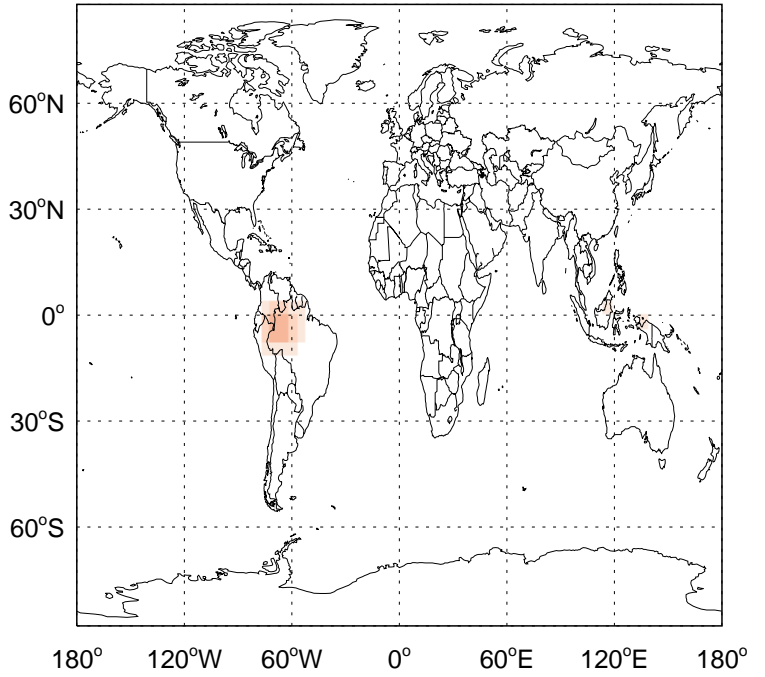


# GEOS-Chem Difference Maps at surface and 500 hPa

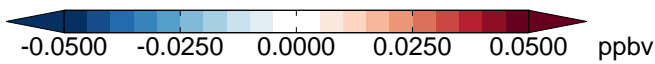
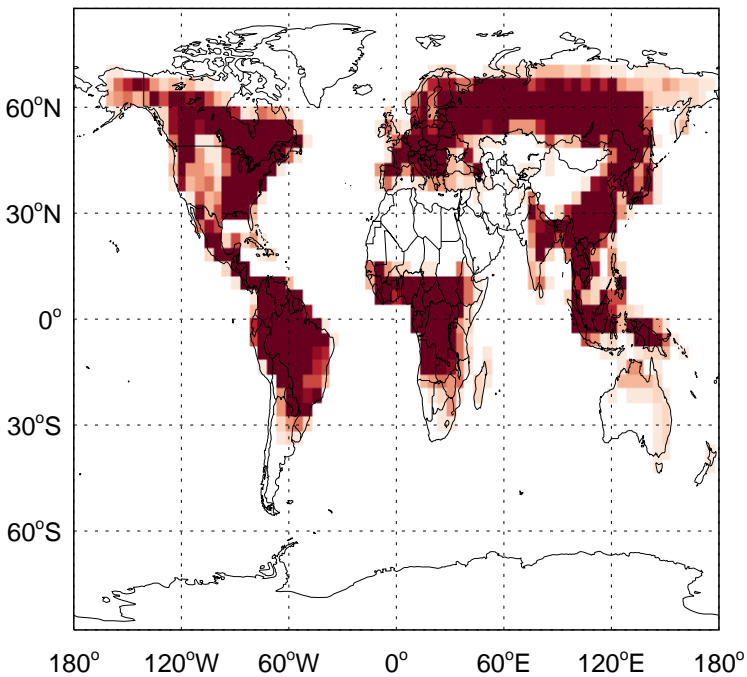
v11-02a - v11-01-public-Run0  
RCHO - Diff @ Surface for Jul



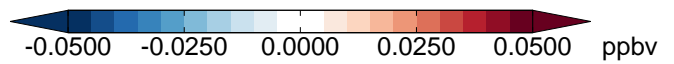
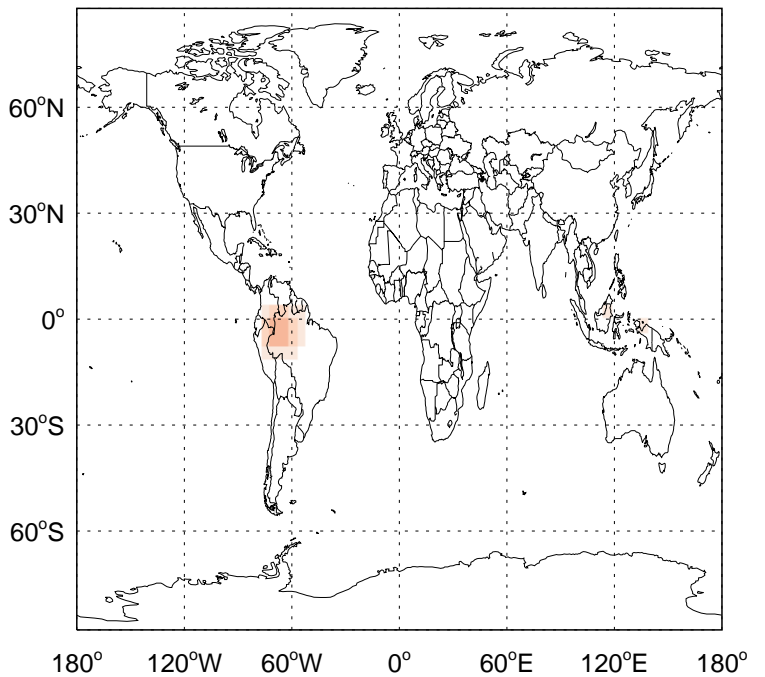
v11-02a - v11-01-public-Run0  
RCHO- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
RCHO - Diff @ Surface for Jul

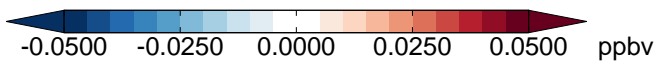
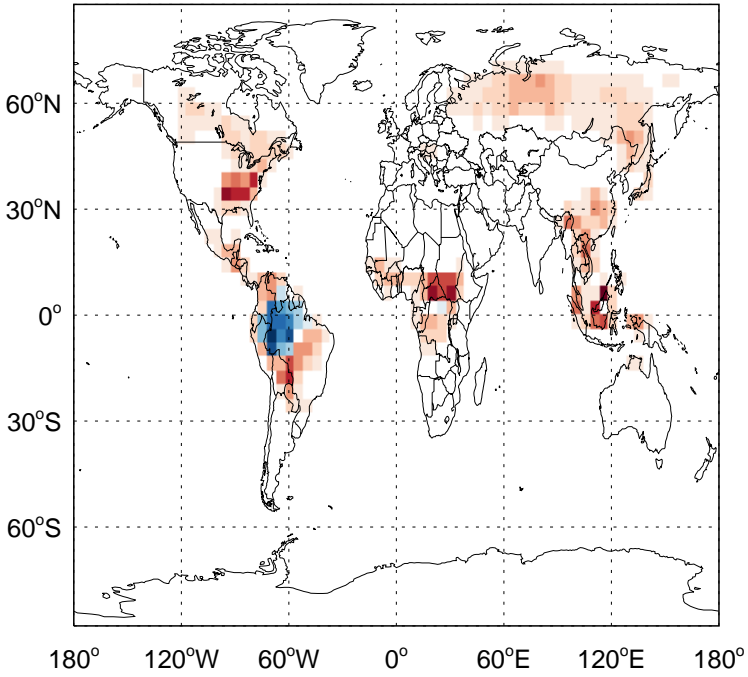


v11-02a - v11-01k-Run0  
RCHO- Diff @ 500 hPa for Jul

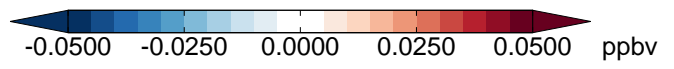
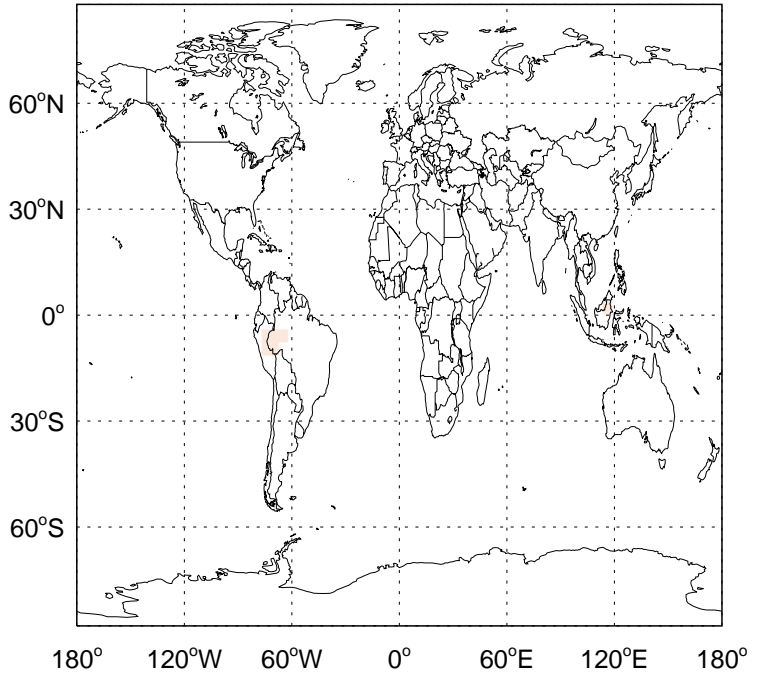


# GEOS-Chem Difference Maps at surface and 500 hPa

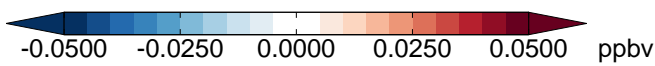
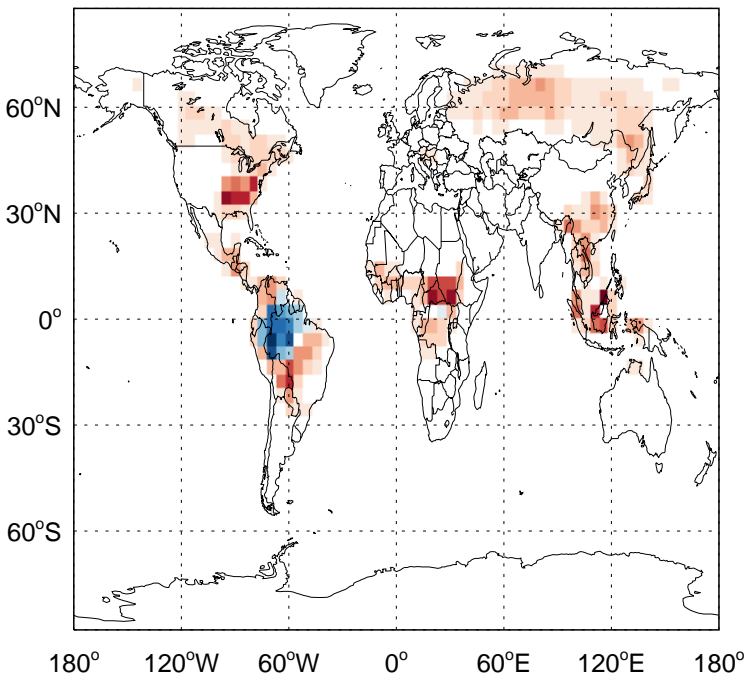
v11-02a - v11-01-public-Run0  
MVK - Diff @ Surface for Jul



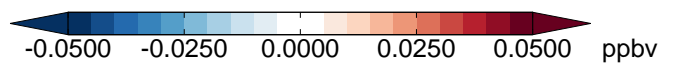
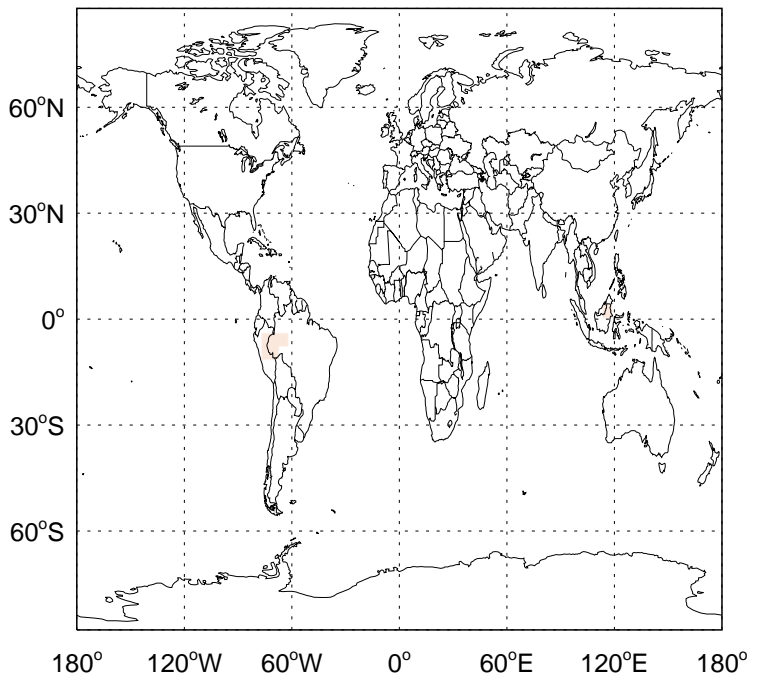
v11-02a - v11-01-public-Run0  
MVK- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MVK - Diff @ Surface for Jul

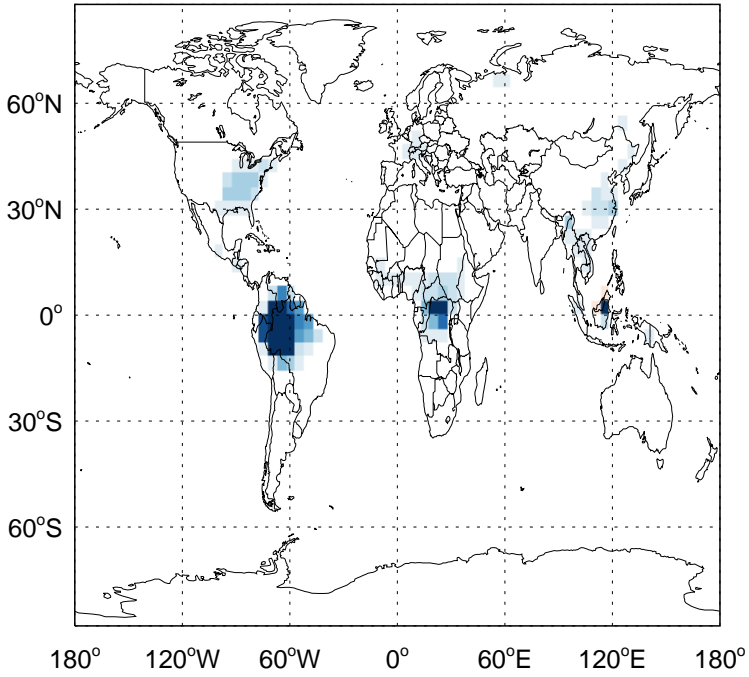


v11-02a - v11-01k-Run0  
MVK- Diff @ 500 hPa for Jul

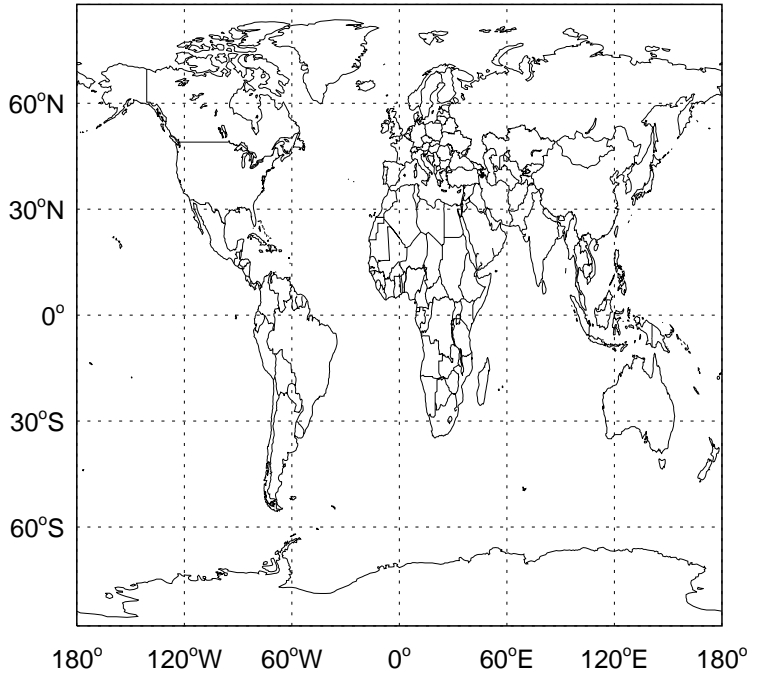


# GEOS-Chem Difference Maps at surface and 500 hPa

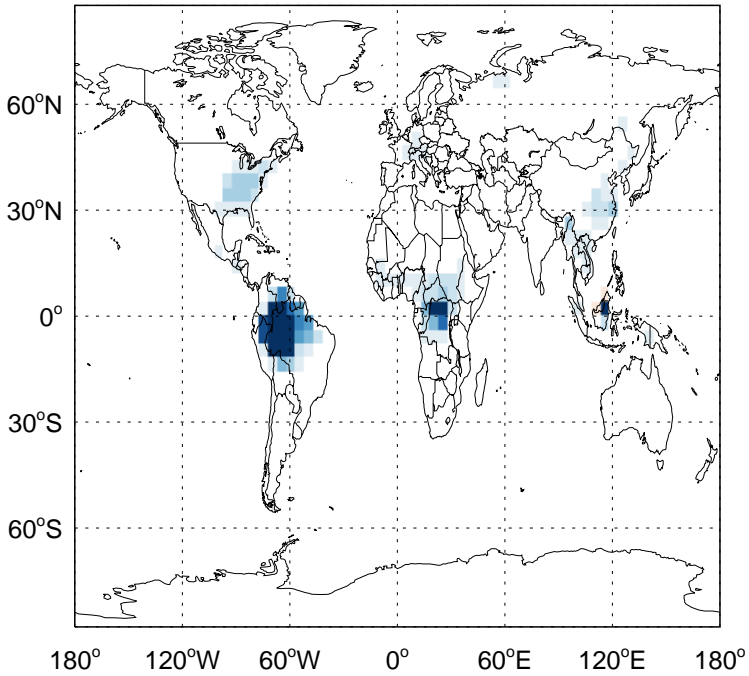
v11-02a - v11-01-public-Run0  
MACR - Diff @ Surface for Jul



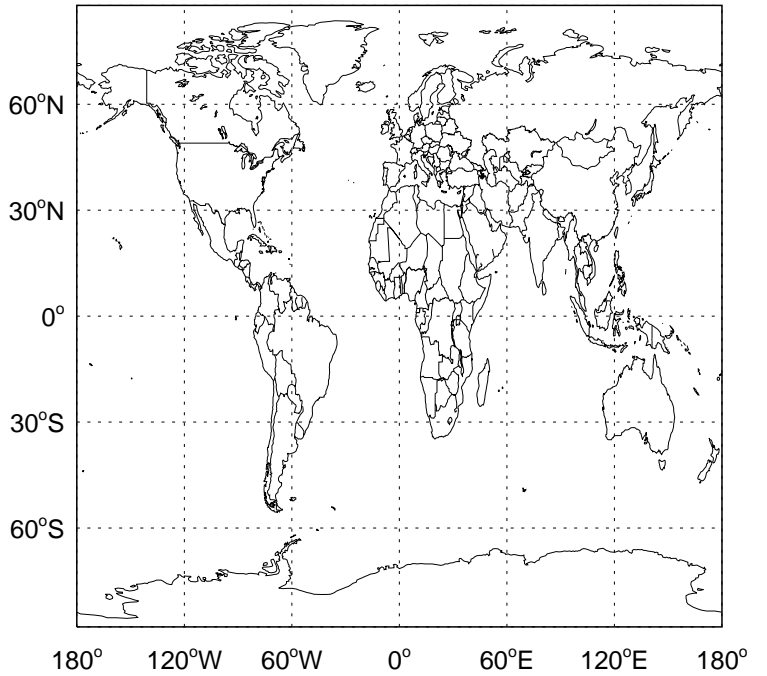
v11-02a - v11-01-public-Run0  
MACR- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MACR - Diff @ Surface for Jul

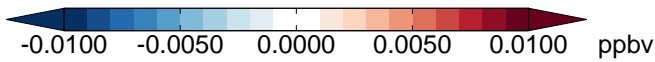
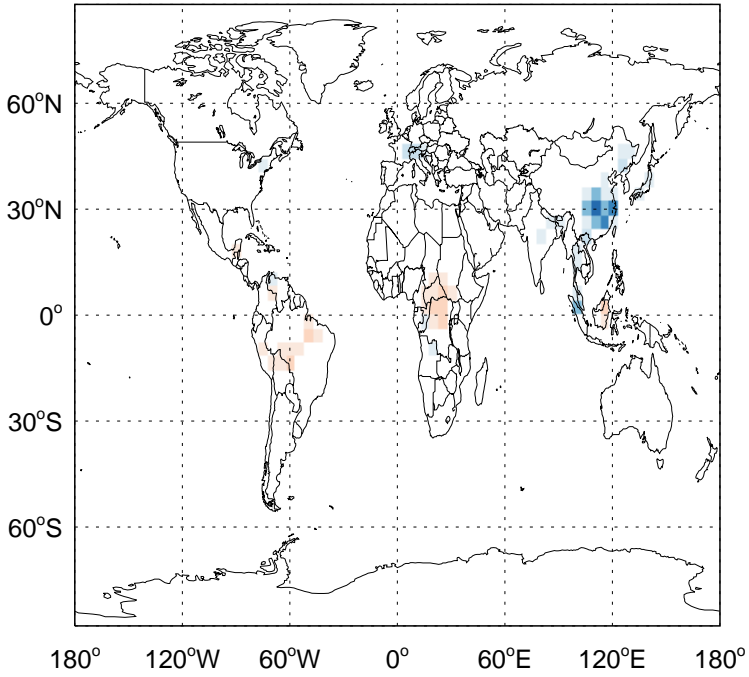


v11-02a - v11-01k-Run0  
MACR- Diff @ 500 hPa for Jul

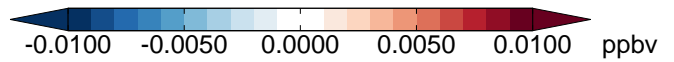
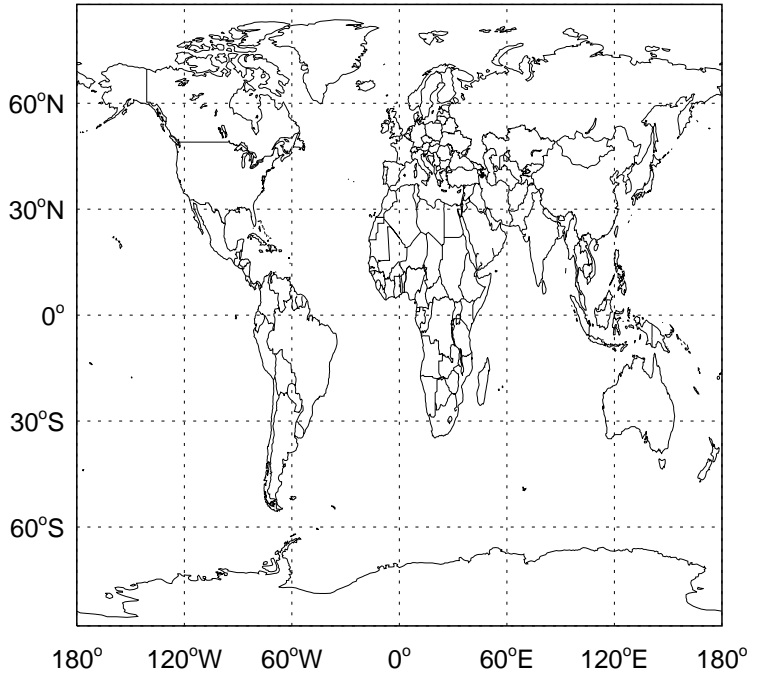


# GEOS-Chem Difference Maps at surface and 500 hPa

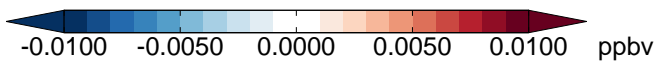
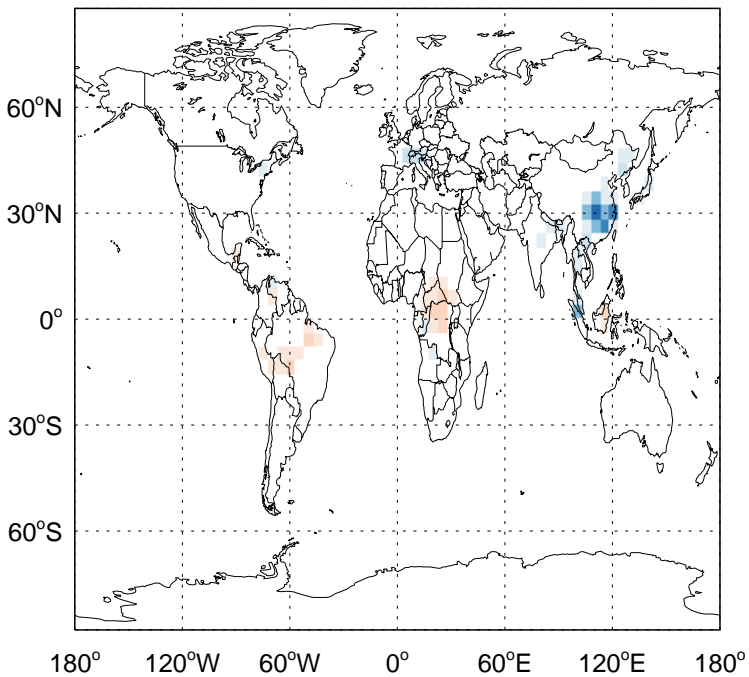
v11-02a - v11-01-public-Run0  
PMN - Diff @ Surface for Jul



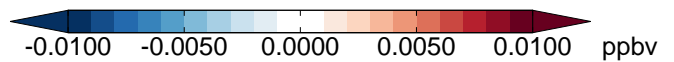
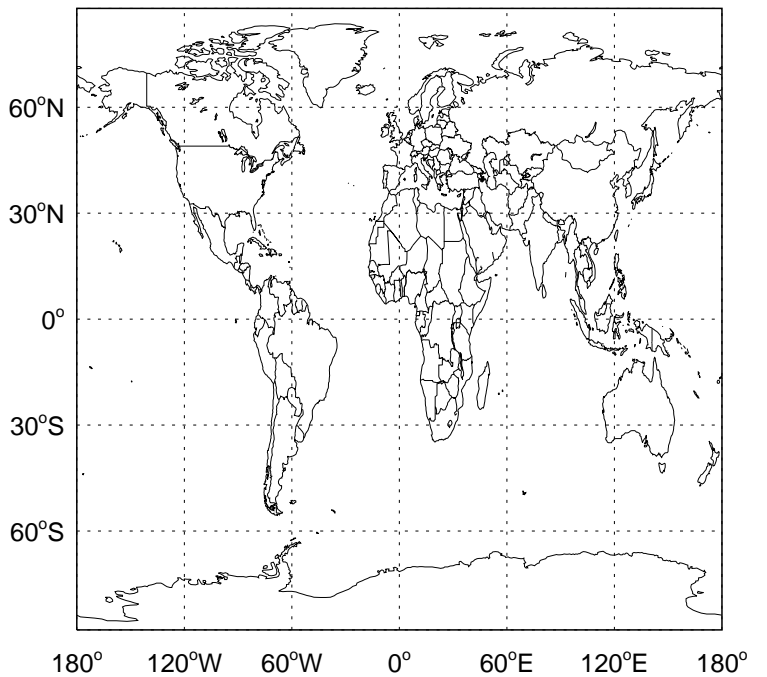
v11-02a - v11-01-public-Run0  
PMN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
PMN - Diff @ Surface for Jul



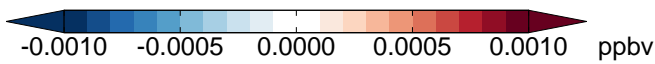
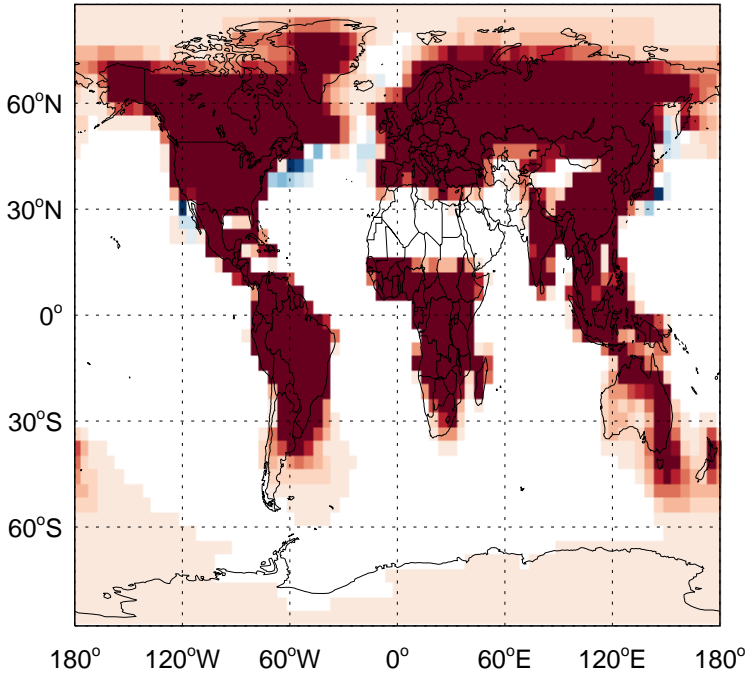
v11-02a - v11-01k-Run0  
PMN- Diff @ 500 hPa for Jul



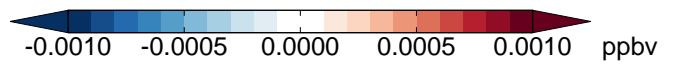
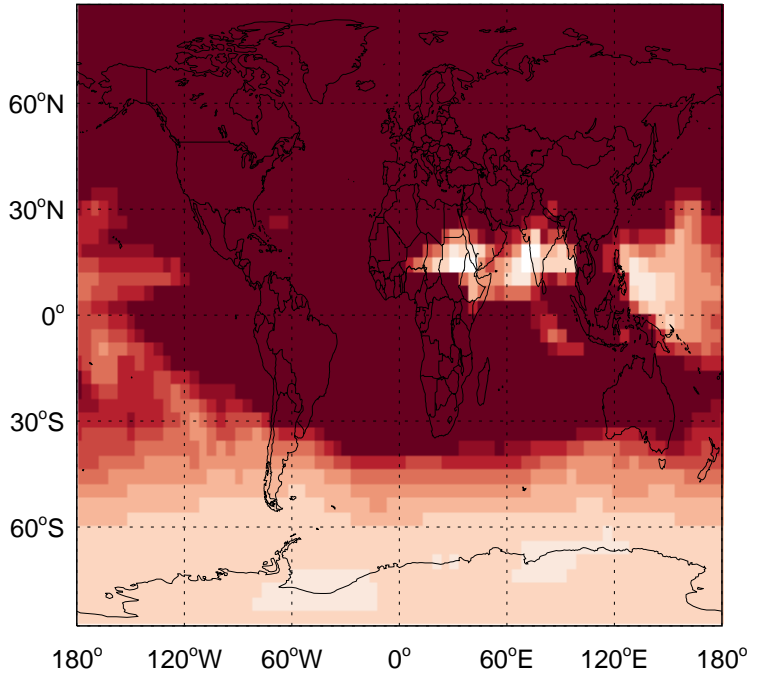


# GEOS-Chem Difference Maps at surface and 500 hPa

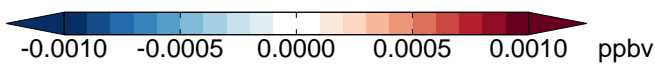
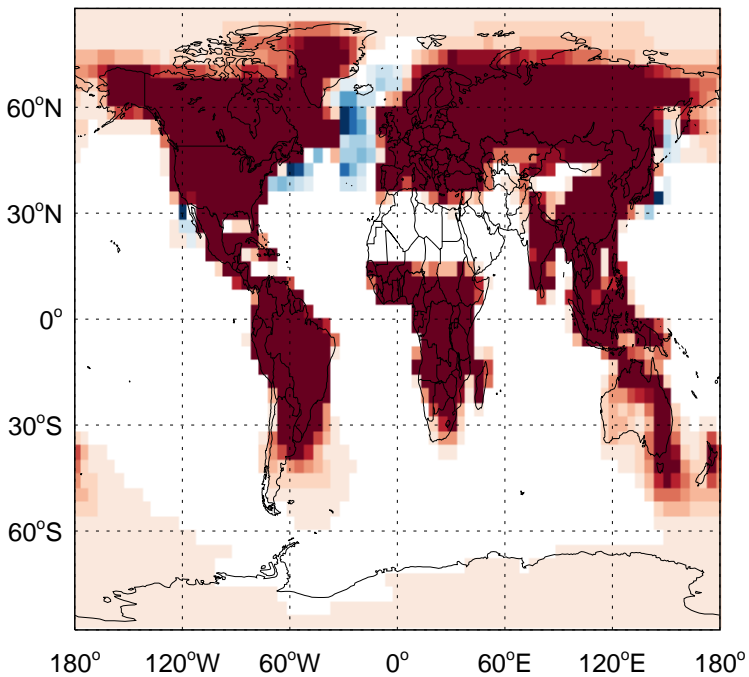
v11-02a - v11-01-public-Run0  
PPN - Diff @ Surface for Jul



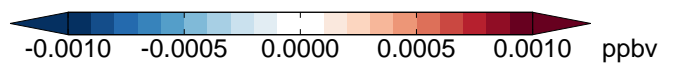
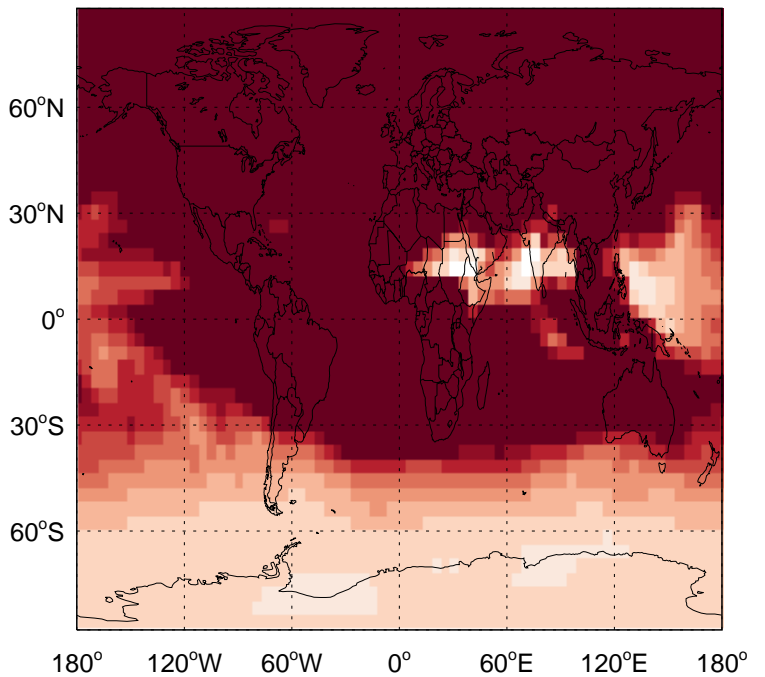
v11-02a - v11-01-public-Run0  
PPN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
PPN - Diff @ Surface for Jul



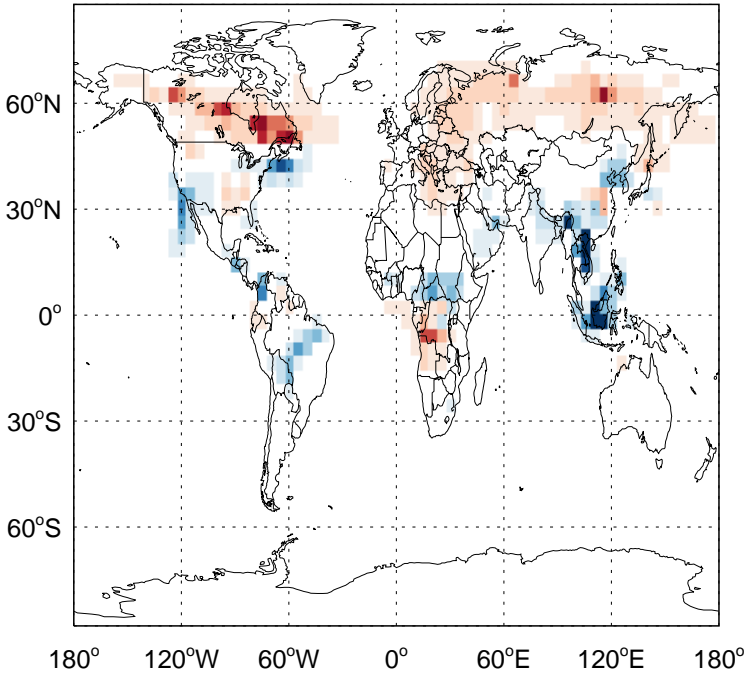
v11-02a - v11-01k-Run0  
PPN- Diff @ 500 hPa for Jul



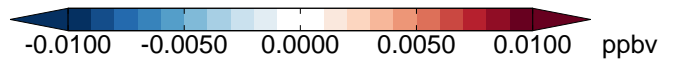
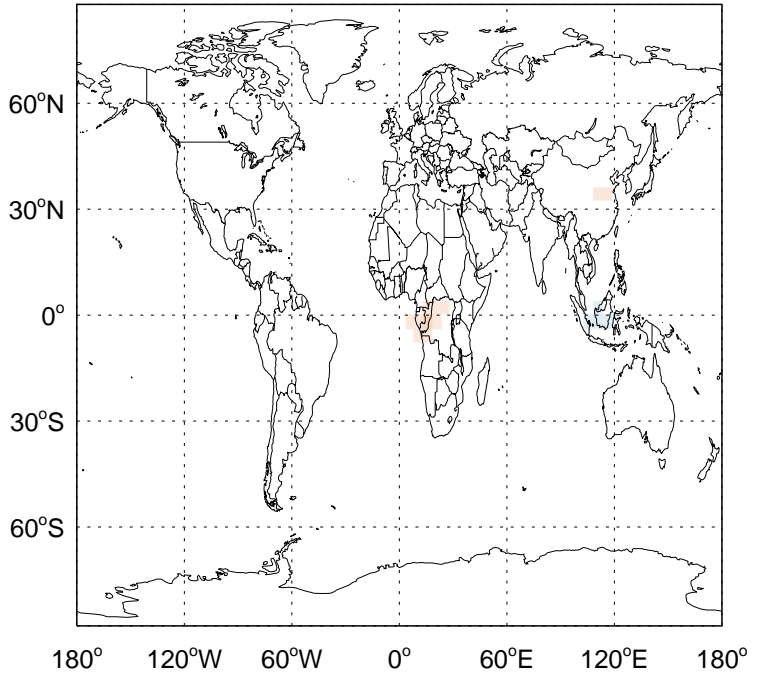


# GEOS-Chem Difference Maps at surface and 500 hPa

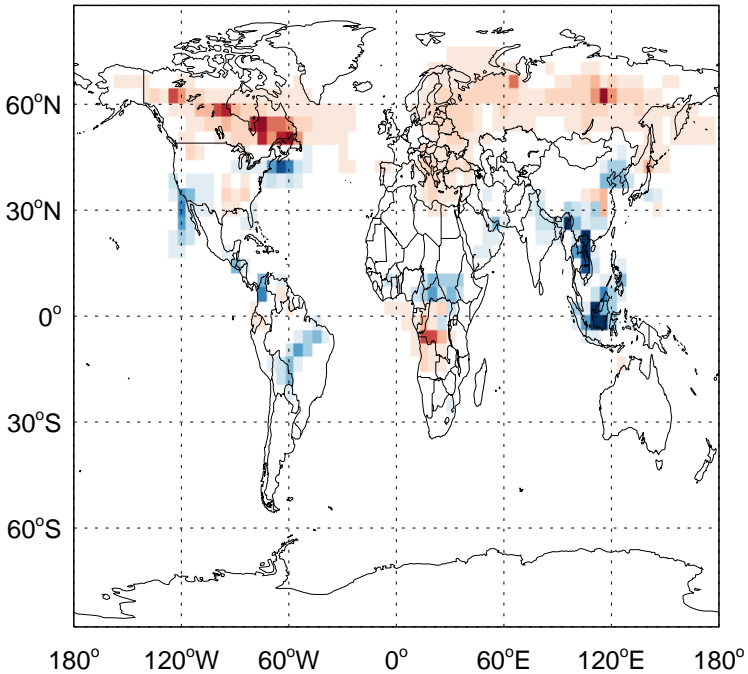
v11-02a - v11-01-public-Run0  
R4N2 - Diff @ Surface for Jul



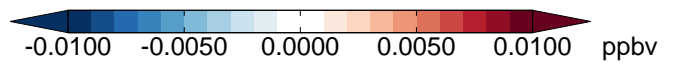
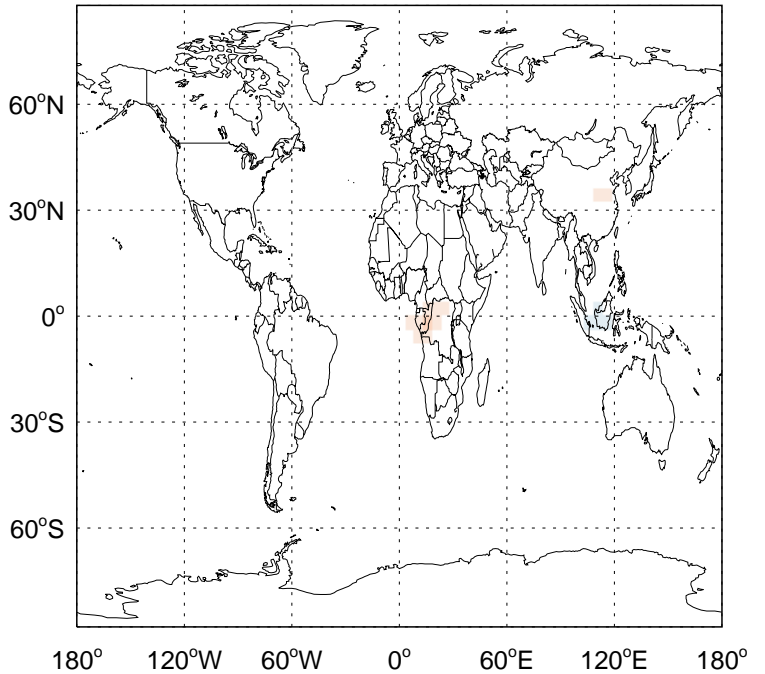
v11-02a - v11-01-public-Run0  
R4N2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
R4N2 - Diff @ Surface for Jul

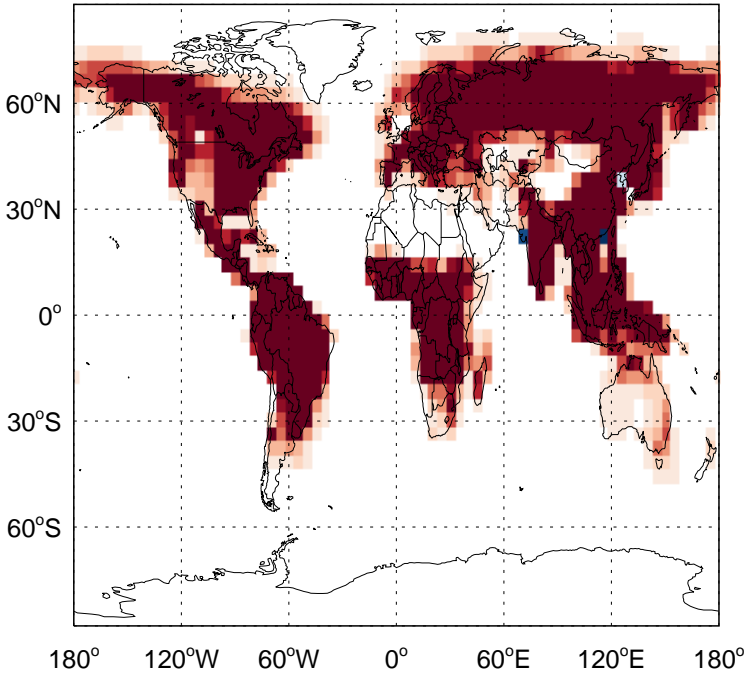


v11-02a - v11-01k-Run0  
R4N2- Diff @ 500 hPa for Jul

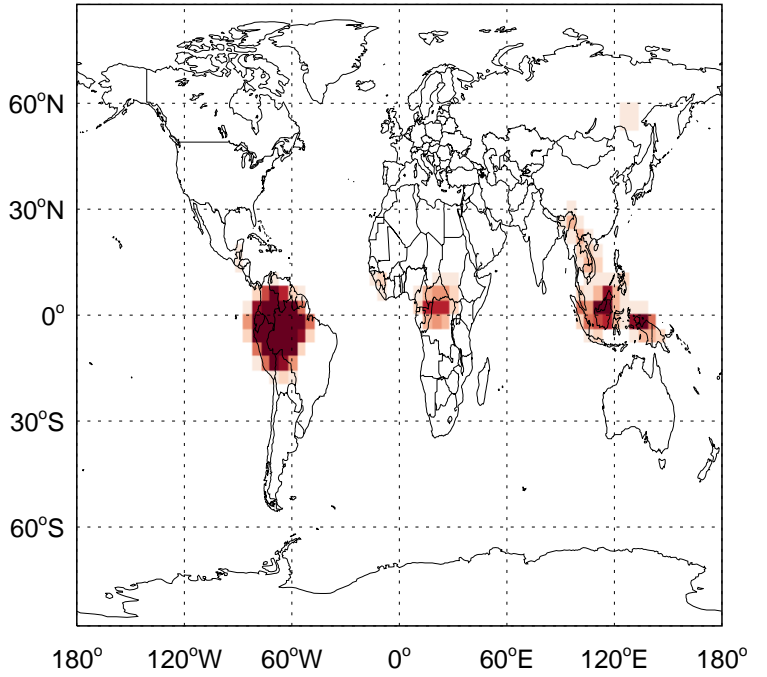


# GEOS-Chem Difference Maps at surface and 500 hPa

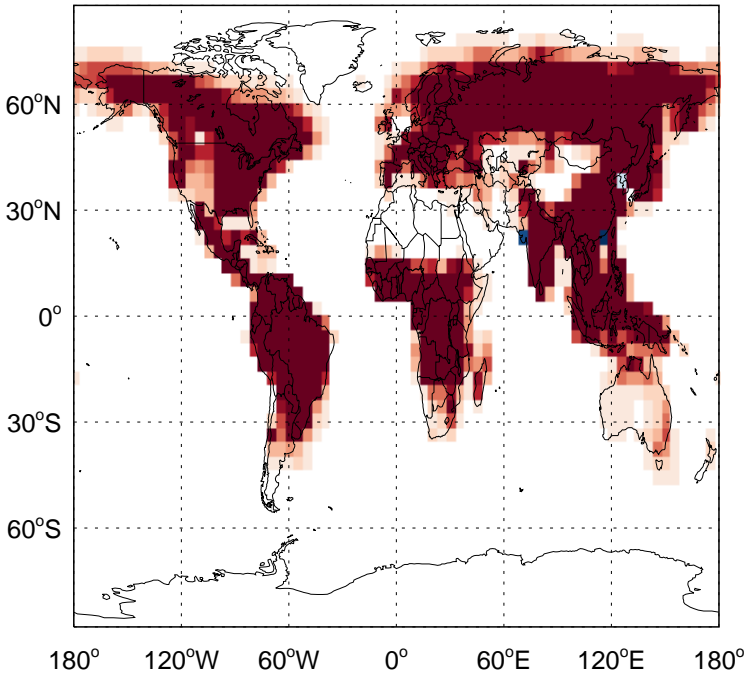
v11-02a - v11-01-public-Run0  
PRPE - Diff @ Surface for Jul



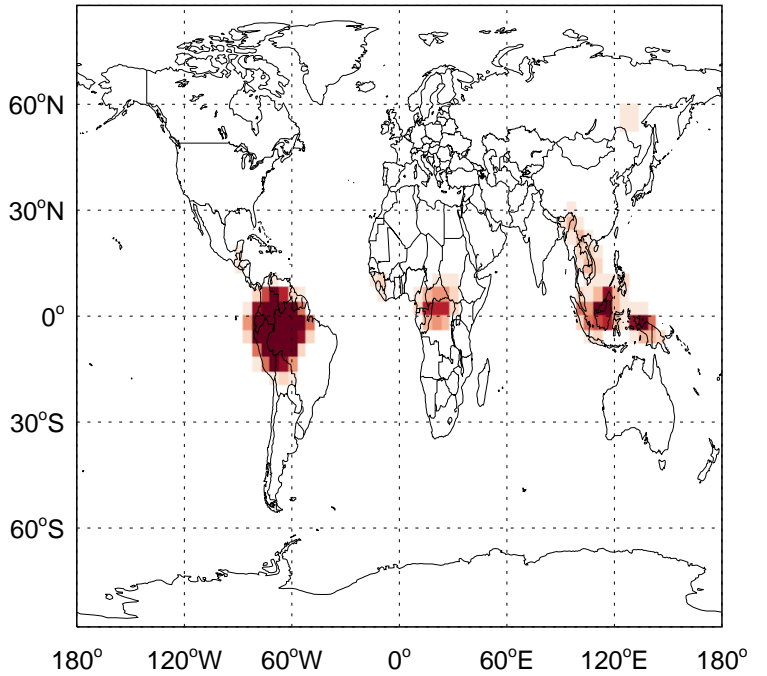
v11-02a - v11-01-public-Run0  
PRPE- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
PRPE - Diff @ Surface for Jul

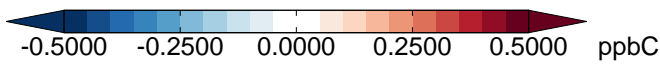
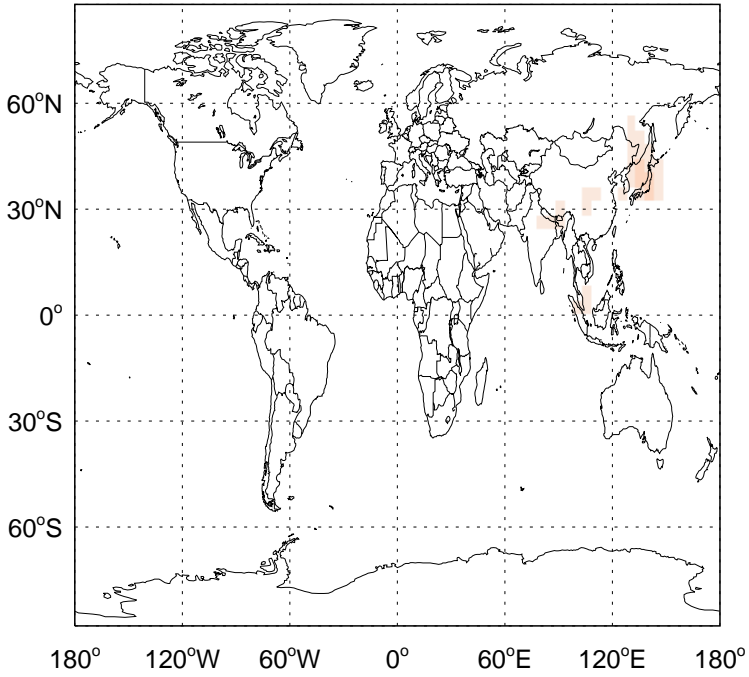


v11-02a - v11-01k-Run0  
PRPE- Diff @ 500 hPa for Jul

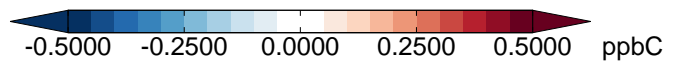


# GEOS-Chem Difference Maps at surface and 500 hPa

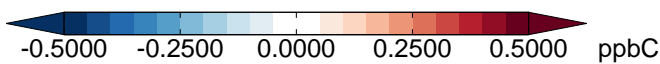
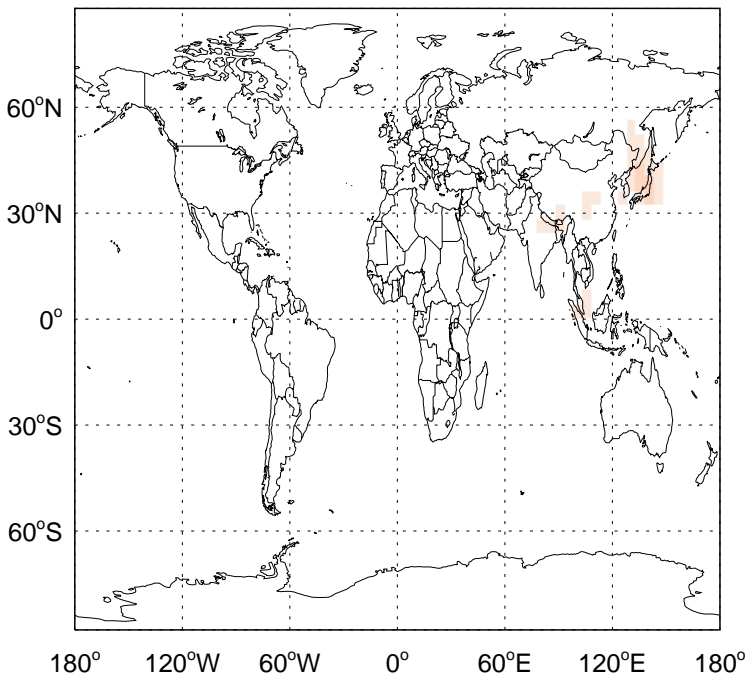
v11-02a - v11-01-public-Run0  
C3H8 - Diff @ Surface for Jul



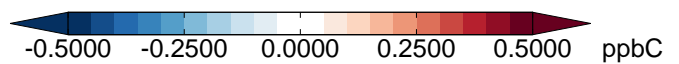
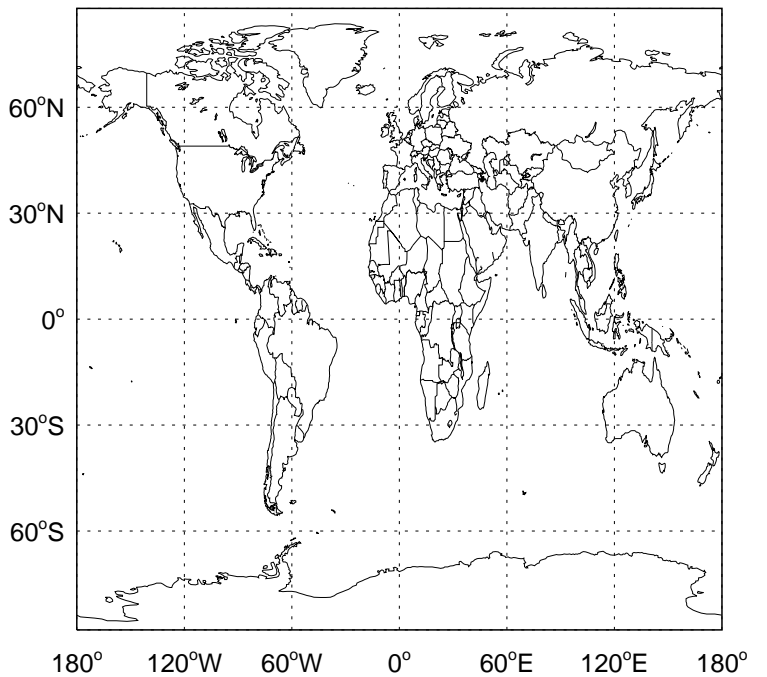
v11-02a - v11-01-public-Run0  
C3H8 - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
C3H8 - Diff @ Surface for Jul

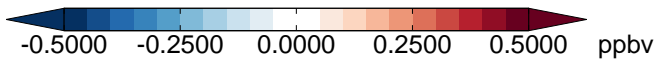
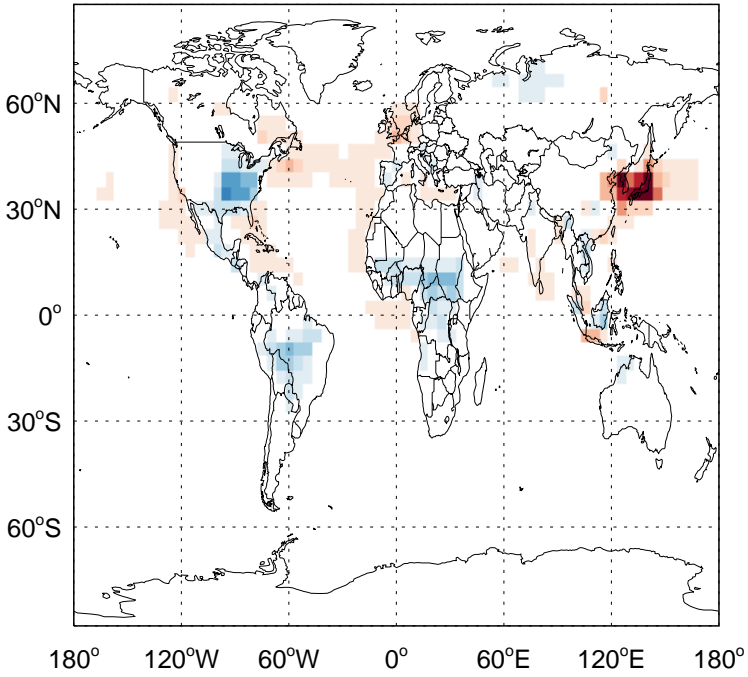


v11-02a - v11-01k-Run0  
C3H8 - Diff @ 500 hPa for Jul

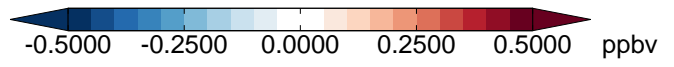


# GEOS-Chem Difference Maps at surface and 500 hPa

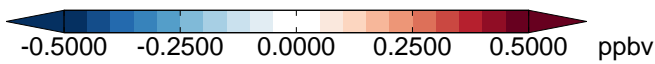
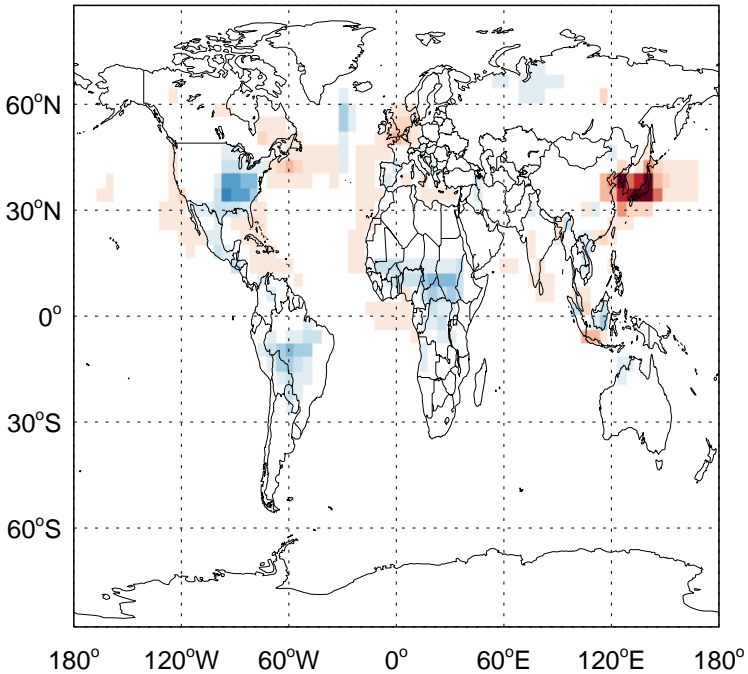
v11-02a - v11-01-public-Run0  
CH<sub>2</sub>O - Diff @ Surface for Jul



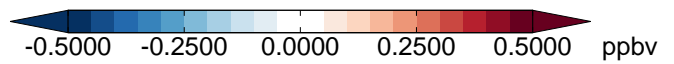
v11-02a - v11-01-public-Run0  
CH<sub>2</sub>O - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CH<sub>2</sub>O - Diff @ Surface for Jul

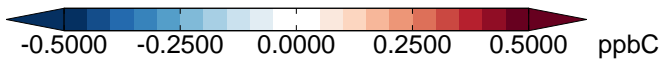
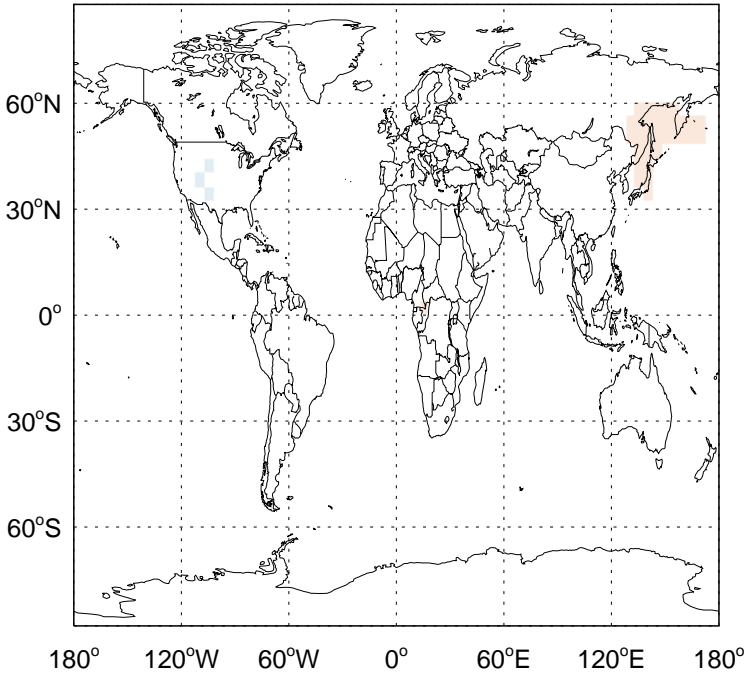


v11-02a - v11-01k-Run0  
CH<sub>2</sub>O - Diff @ 500 hPa for Jul

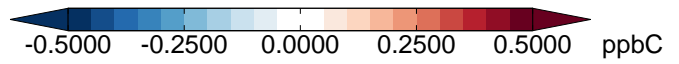


# GEOS-Chem Difference Maps at surface and 500 hPa

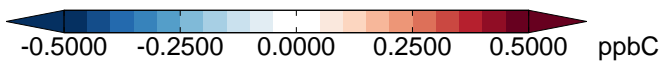
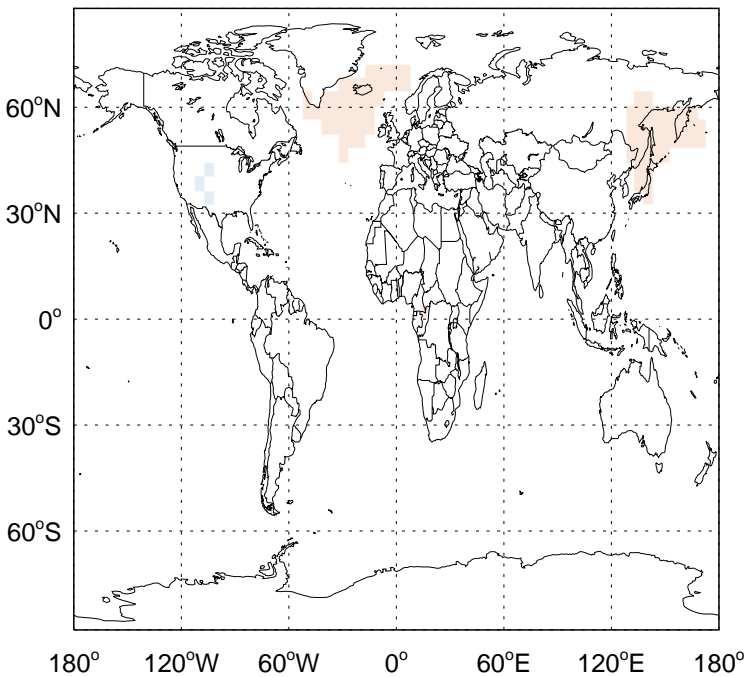
v11-02a - v11-01-public-Run0  
C2H6 - Diff @ Surface for Jul



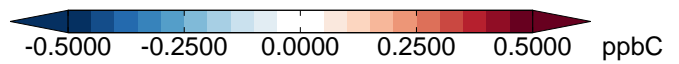
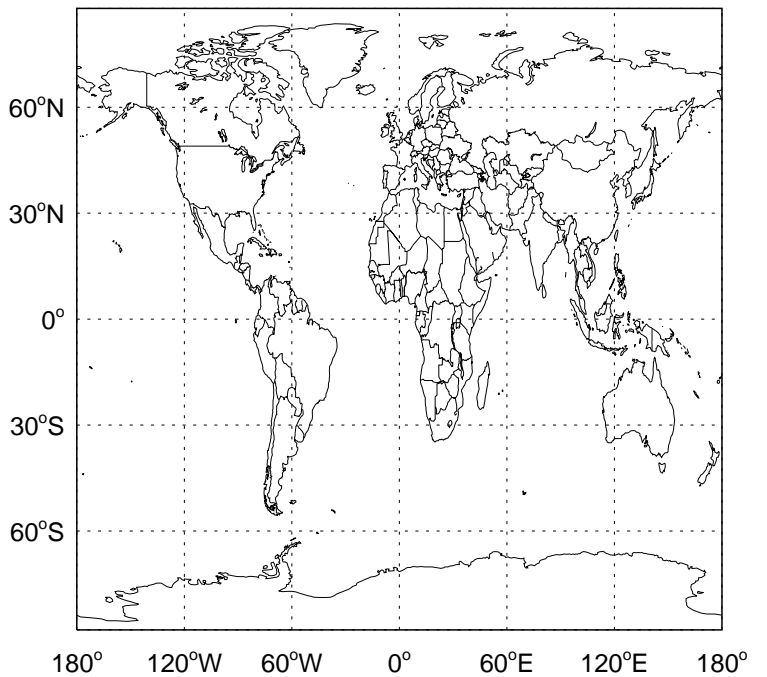
v11-02a - v11-01-public-Run0  
C2H6 - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
C2H6 - Diff @ Surface for Jul

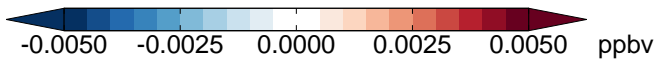
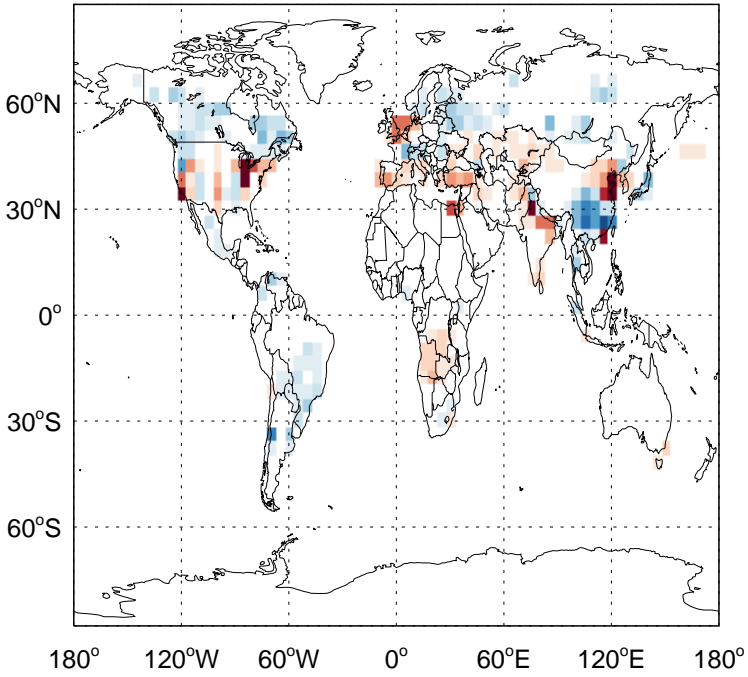


v11-02a - v11-01k-Run0  
C2H6 - Diff @ 500 hPa for Jul

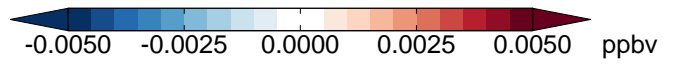
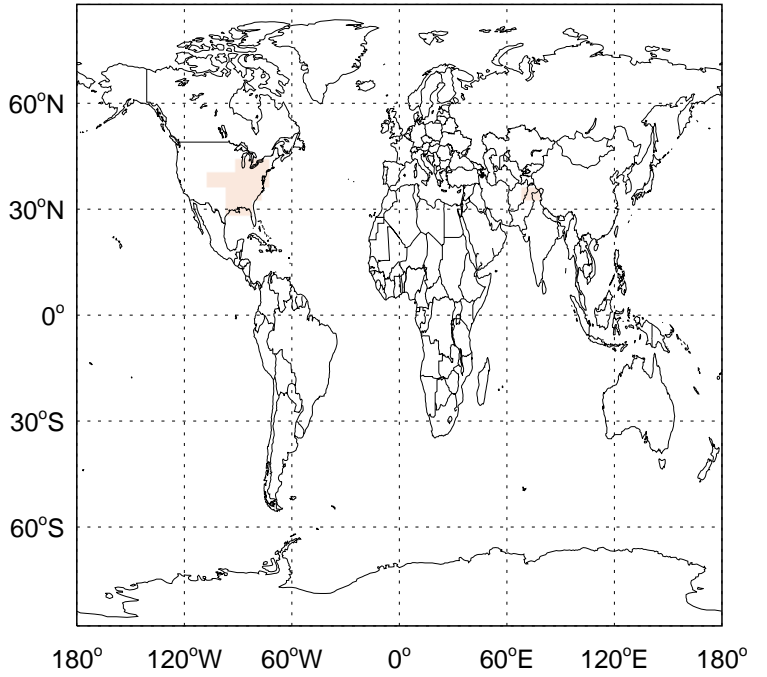


# GEOS-Chem Difference Maps at surface and 500 hPa

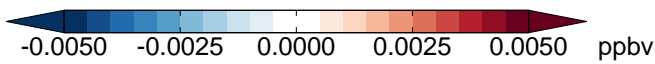
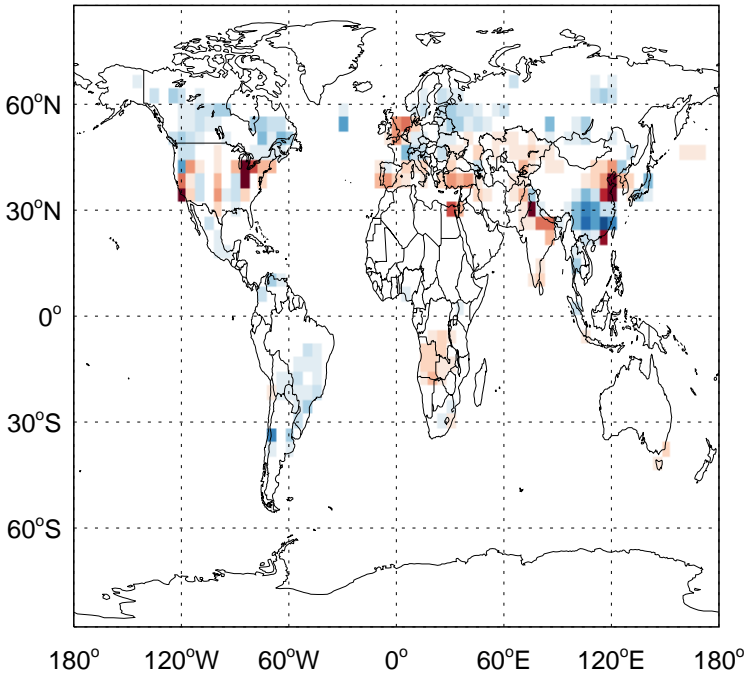
v11-02a - v11-01-public-Run0  
N2O5 - Diff @ Surface for Jul



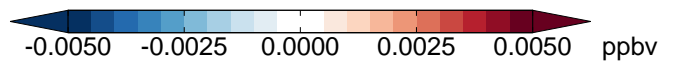
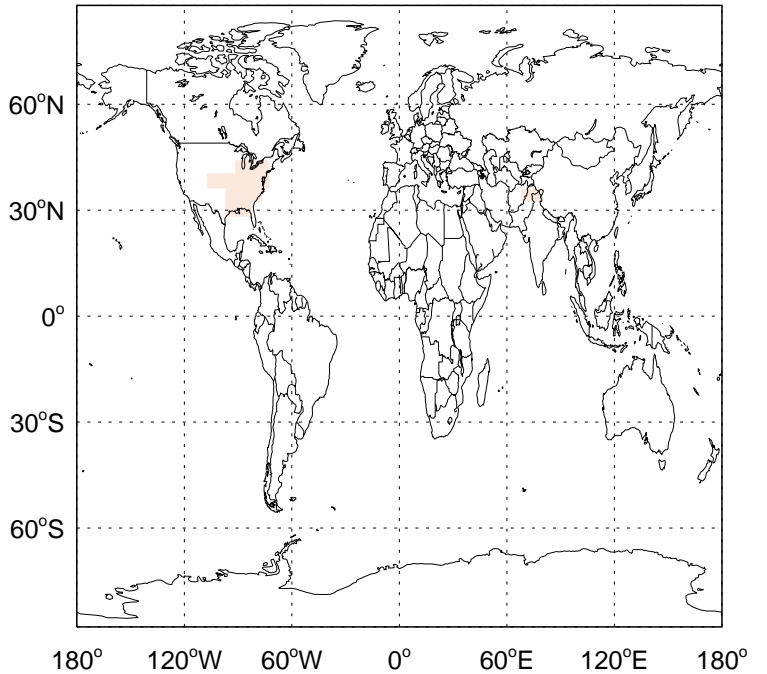
v11-02a - v11-01-public-Run0  
N2O5- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
N2O5 - Diff @ Surface for Jul

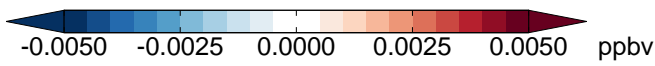
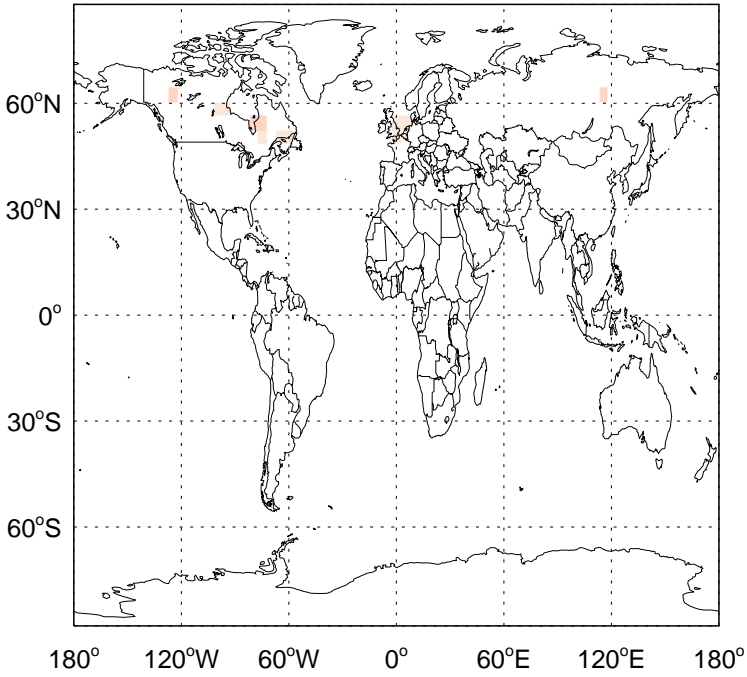


v11-02a - v11-01k-Run0  
N2O5- Diff @ 500 hPa for Jul

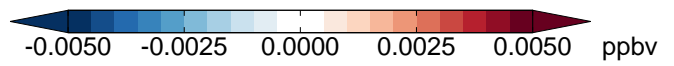
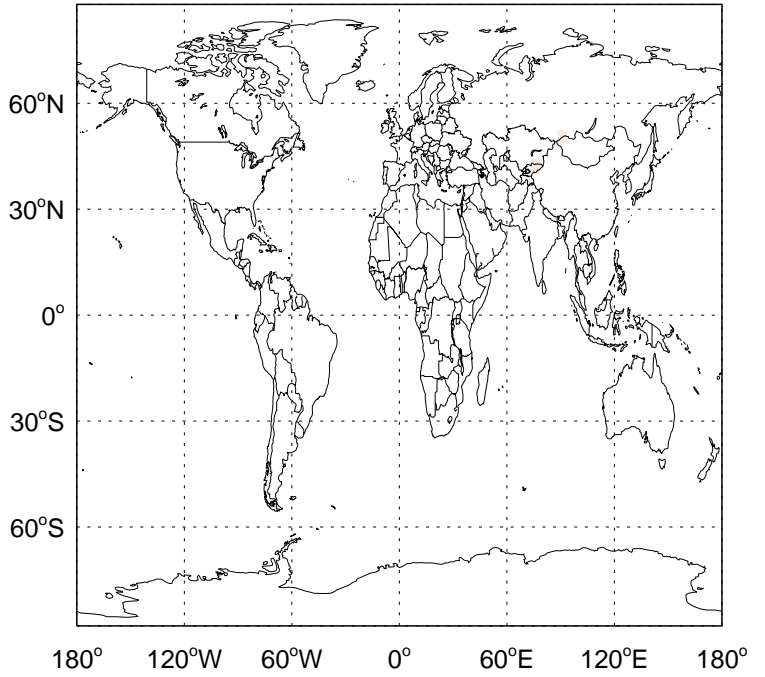


# GEOS-Chem Difference Maps at surface and 500 hPa

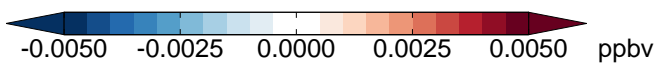
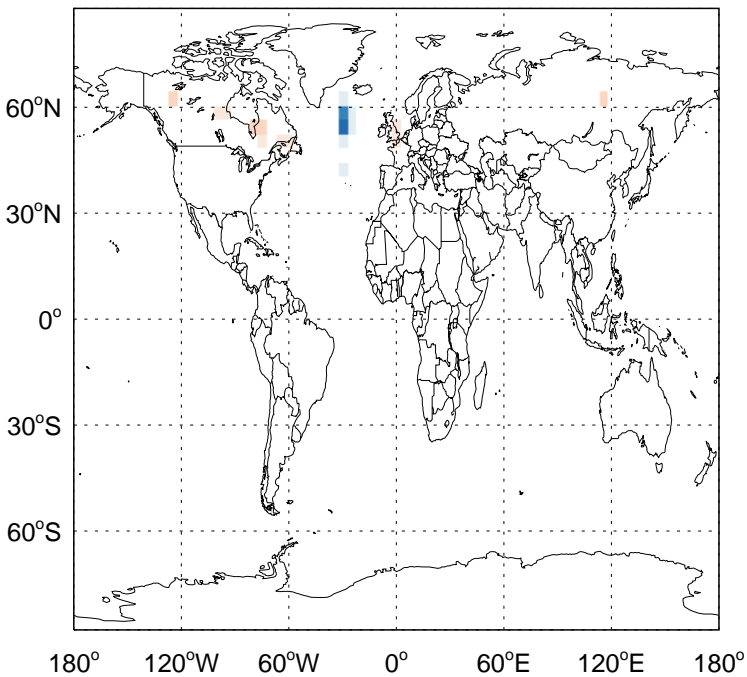
v11-02a - v11-01-public-Run0  
HNO<sub>4</sub> - Diff @ Surface for Jul



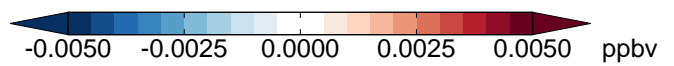
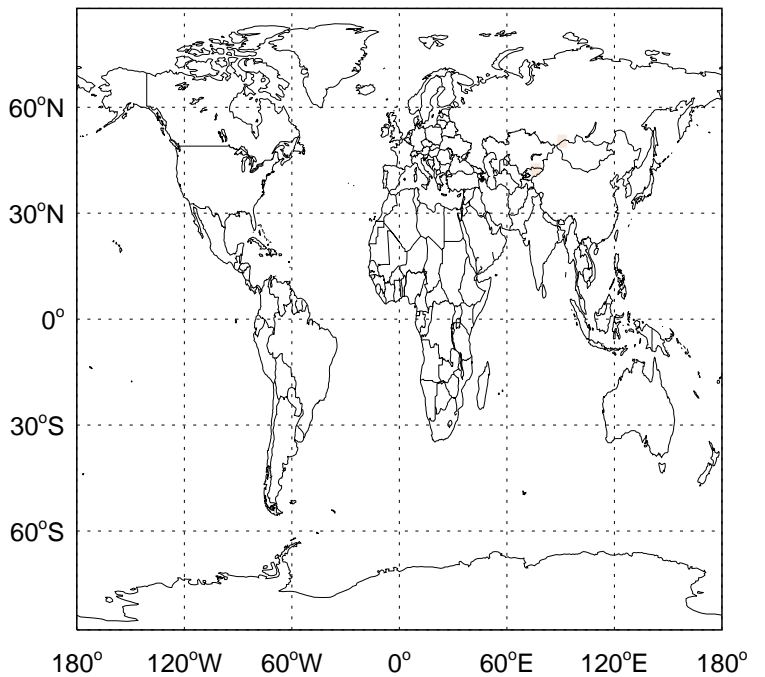
v11-02a - v11-01-public-Run0  
HNO<sub>4</sub>- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HNO<sub>4</sub> - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
HNO<sub>4</sub>- Diff @ 500 hPa for Jul

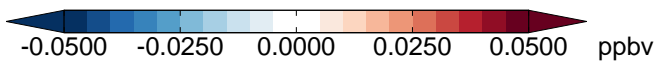
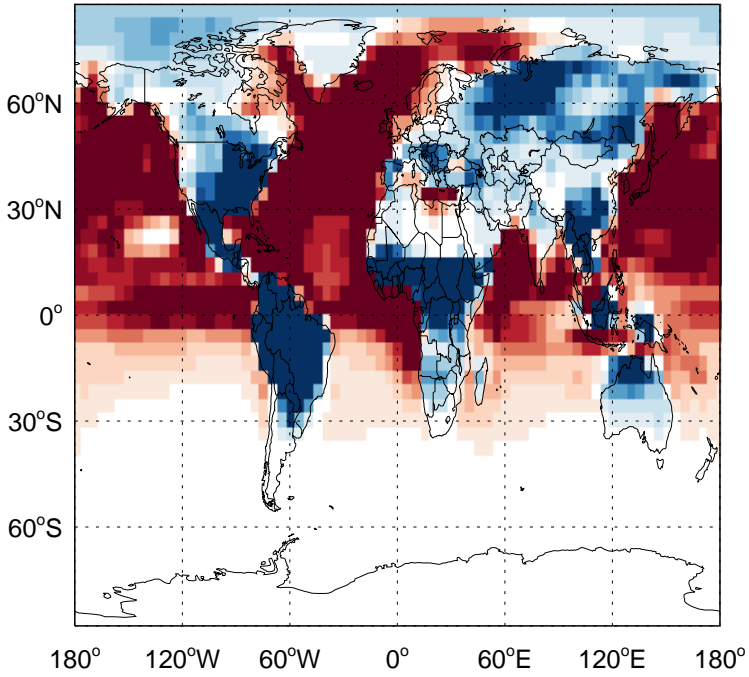




# GEOS-Chem Difference Maps at surface and 500 hPa

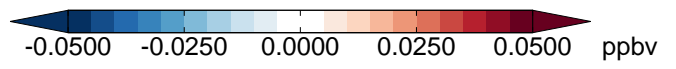
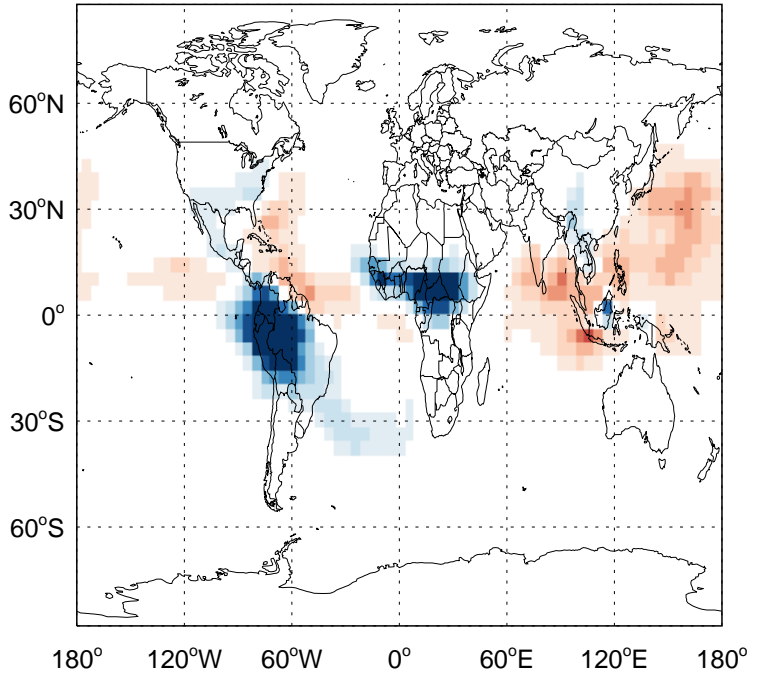
v11-02a - v11-01-public-Run0

MP - Diff @ Surface for Jul



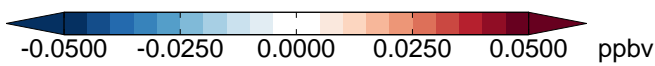
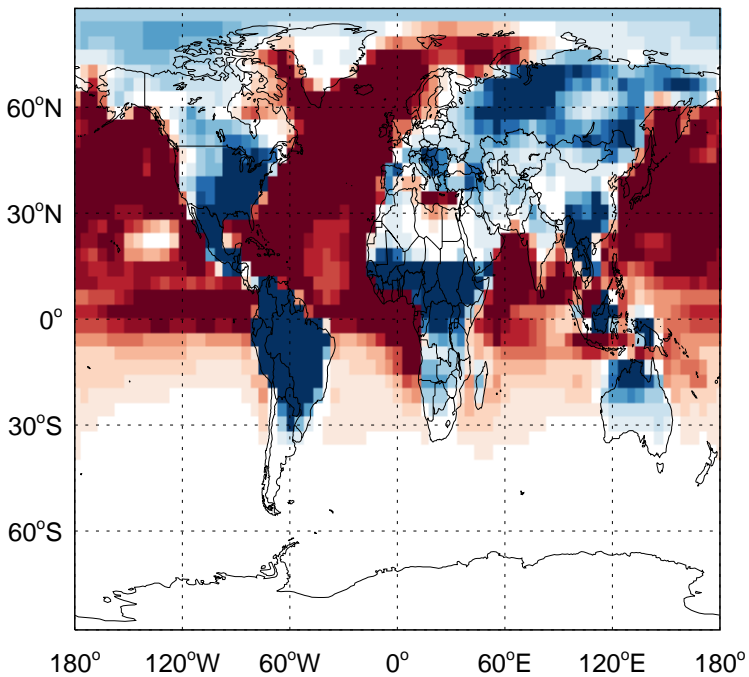
v11-02a - v11-01-public-Run0

MP- Diff @ 500 hPa for Jul



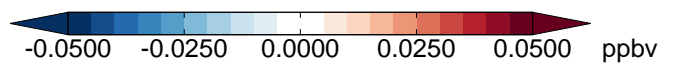
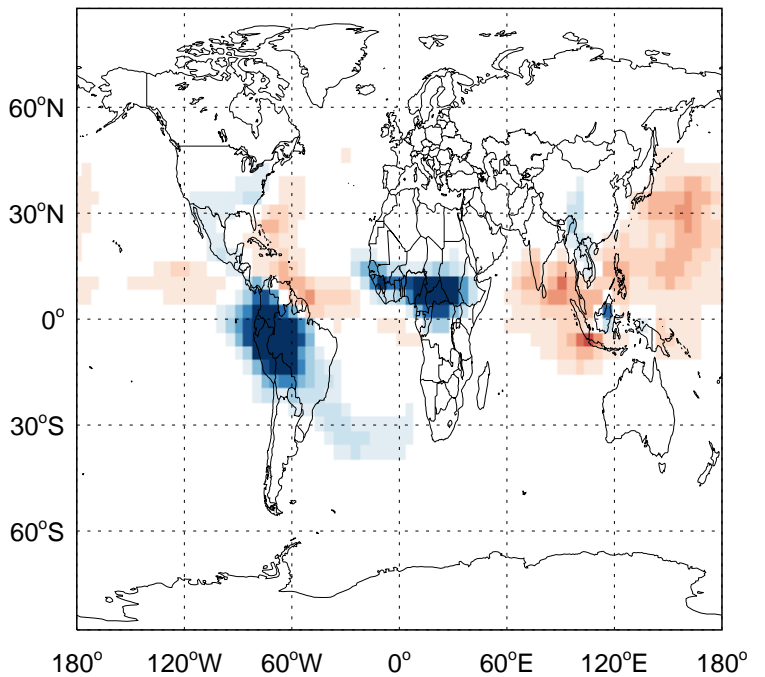
v11-02a - v11-01k-Run0

MP - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

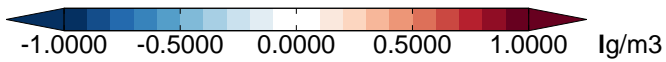
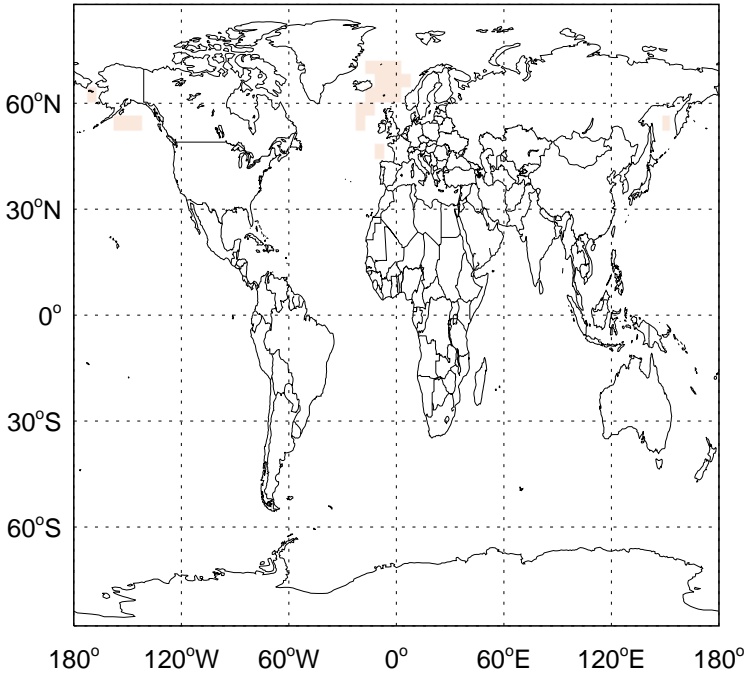
MP- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

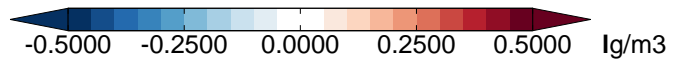
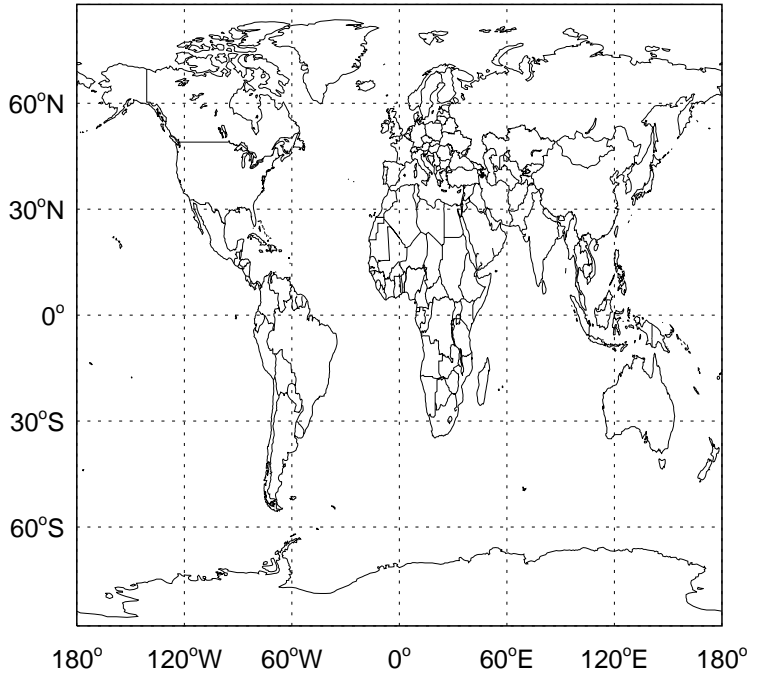
v11-02a - v11-01-public-Run0

DMS - Diff @ Surface for Jul



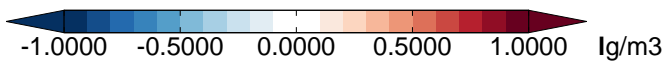
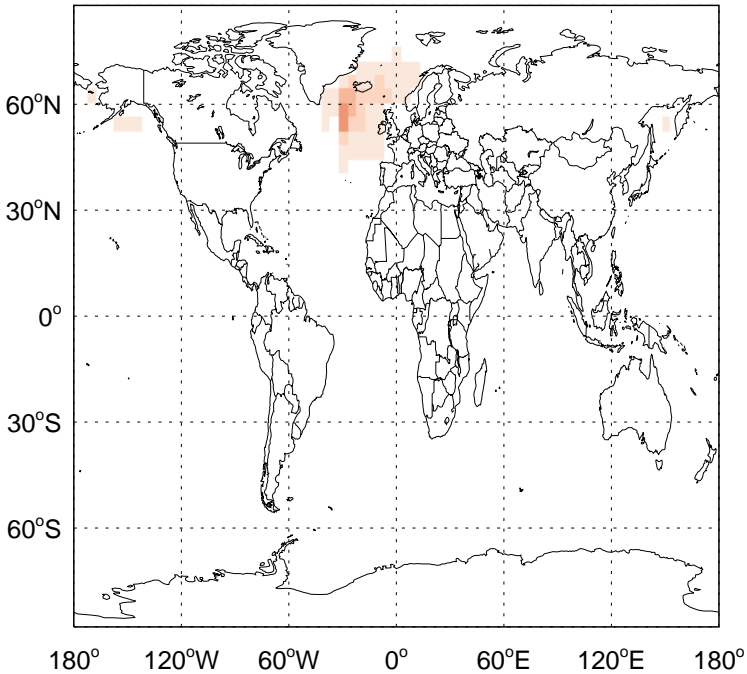
v11-02a - v11-01-public-Run0

DMS- Diff @ 500 hPa for Jul



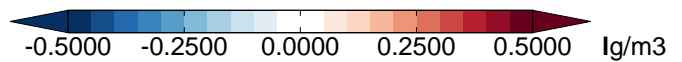
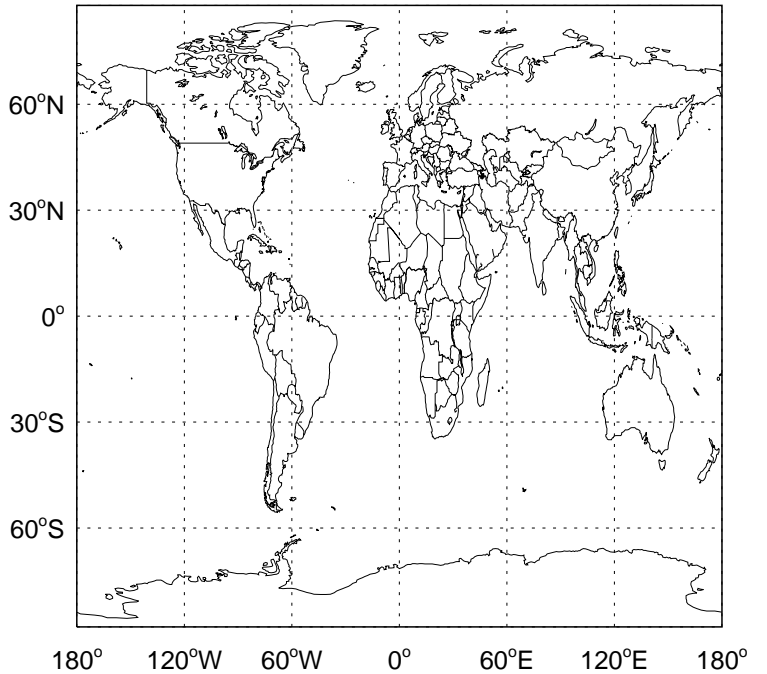
v11-02a - v11-01k-Run0

DMS - Diff @ Surface for Jul



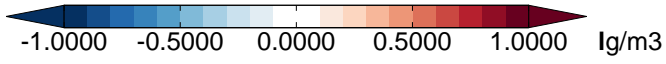
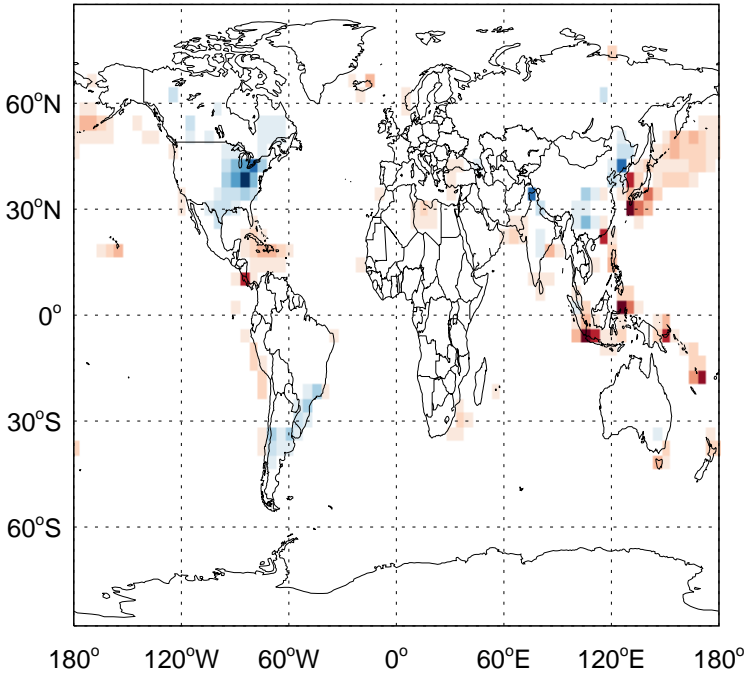
v11-02a - v11-01k-Run0

DMS- Diff @ 500 hPa for Jul

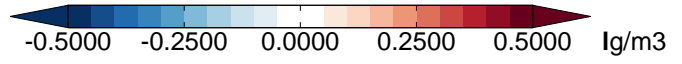


# GEOS-Chem Difference Maps at surface and 500 hPa

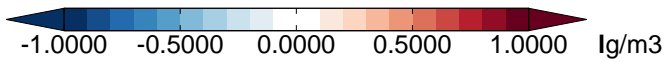
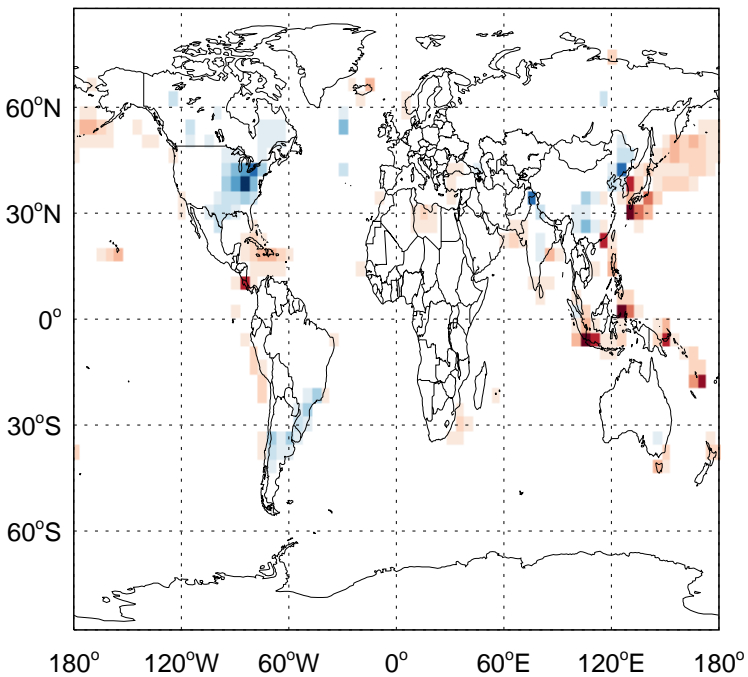
v11-02a - v11-01-public-Run0  
SO<sub>2</sub> - Diff @ Surface for Jul



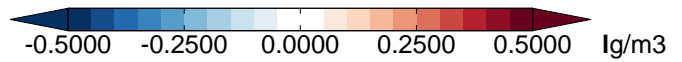
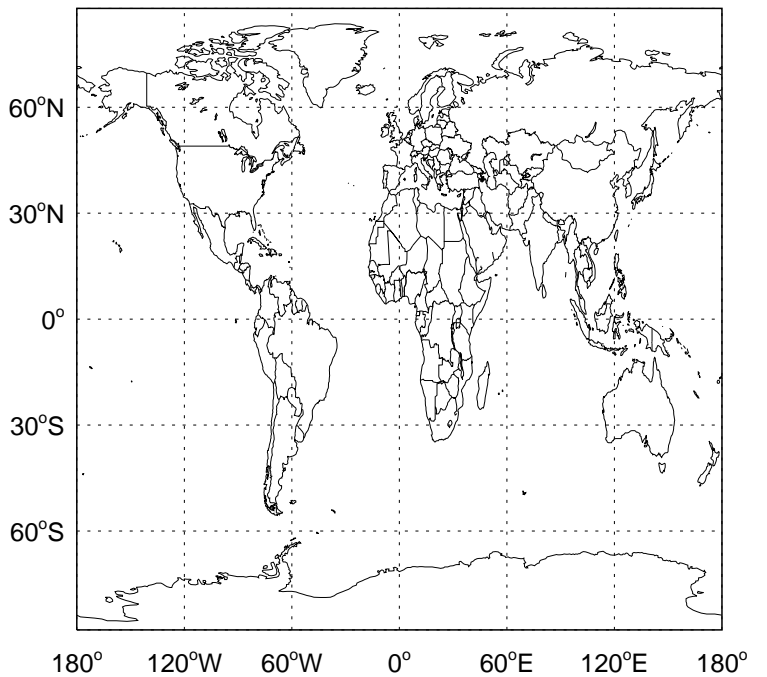
v11-02a - v11-01-public-Run0  
SO<sub>2</sub> - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
SO<sub>2</sub> - Diff @ Surface for Jul

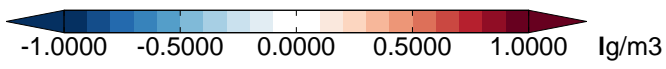
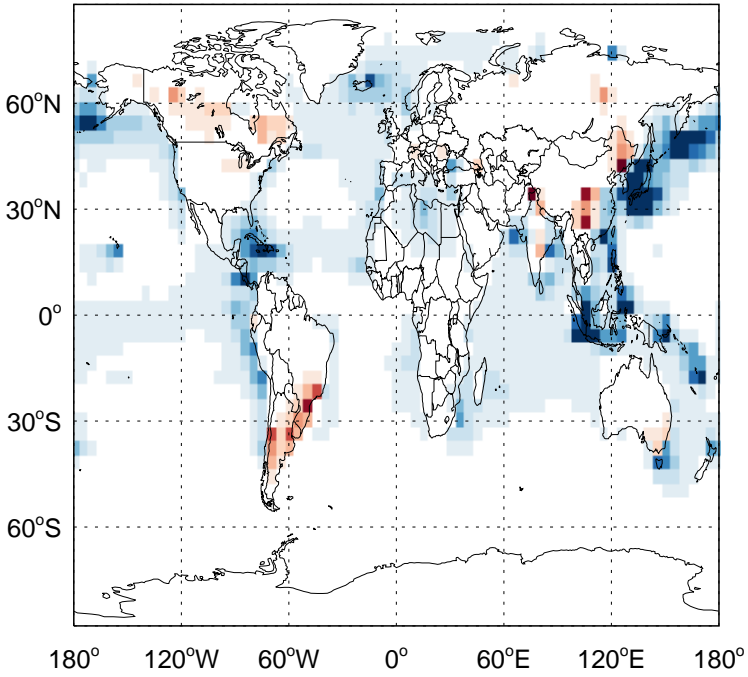


v11-02a - v11-01k-Run0  
SO<sub>2</sub> - Diff @ 500 hPa for Jul

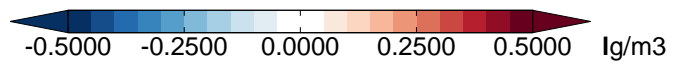
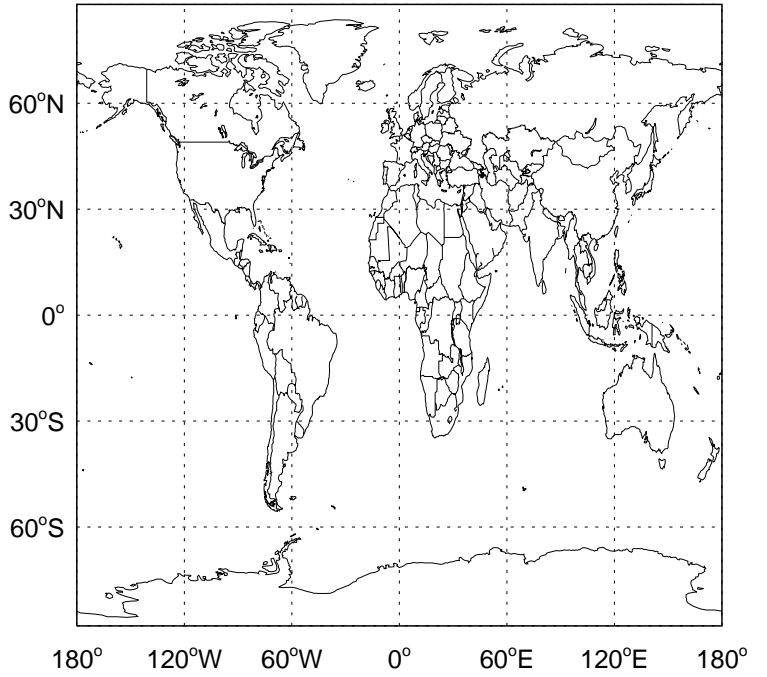


# GEOS-Chem Difference Maps at surface and 500 hPa

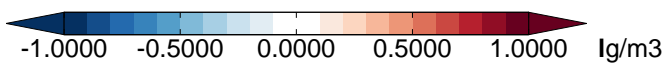
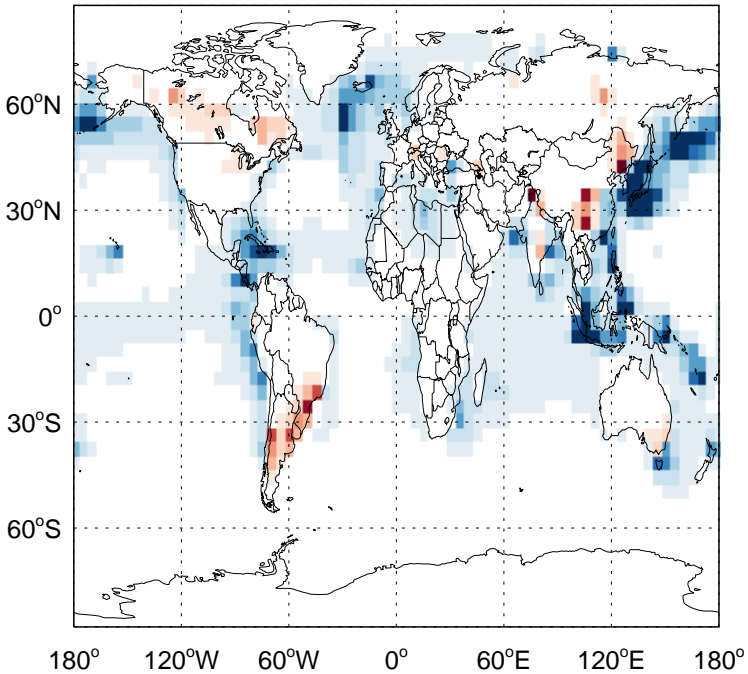
v11-02a - v11-01-public-Run0  
SO4 - Diff @ Surface for Jul



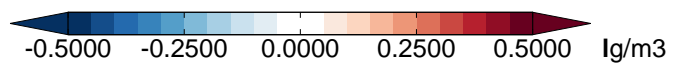
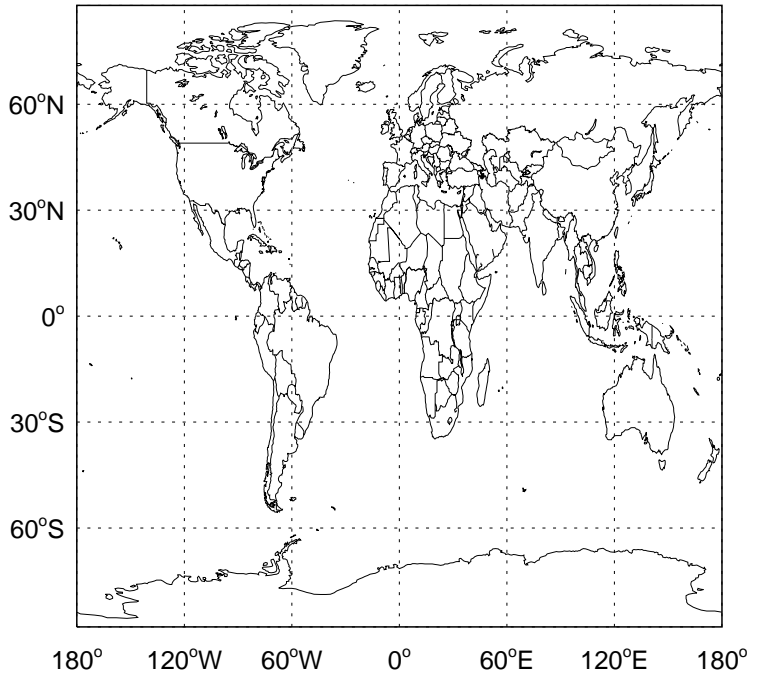
v11-02a - v11-01-public-Run0  
SO4- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
SO4 - Diff @ Surface for Jul

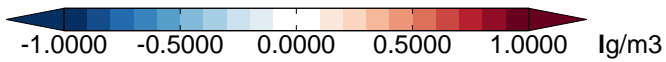
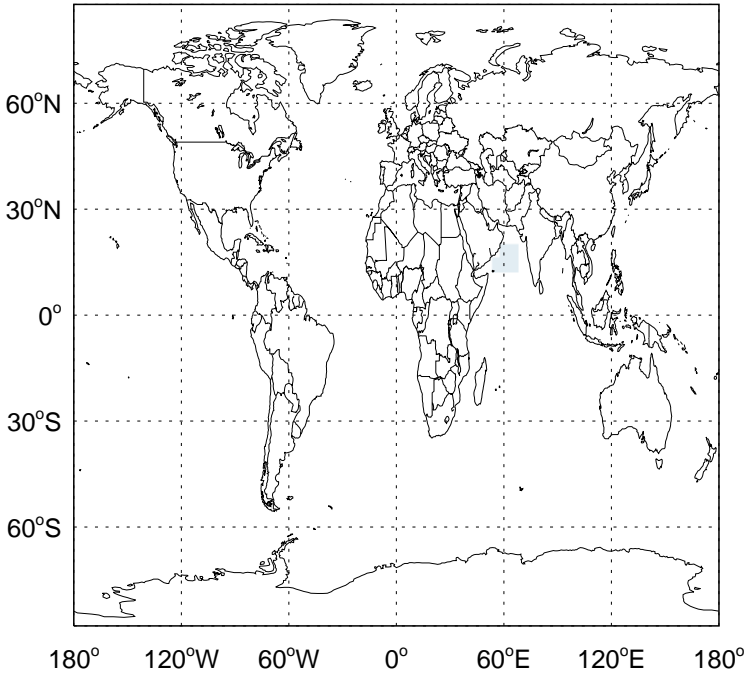


v11-02a - v11-01k-Run0  
SO4- Diff @ 500 hPa for Jul

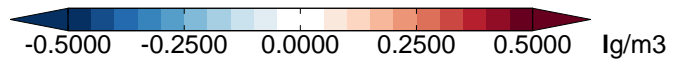


# GEOS-Chem Difference Maps at surface and 500 hPa

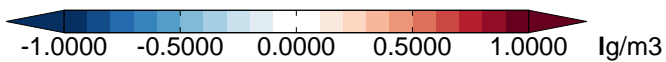
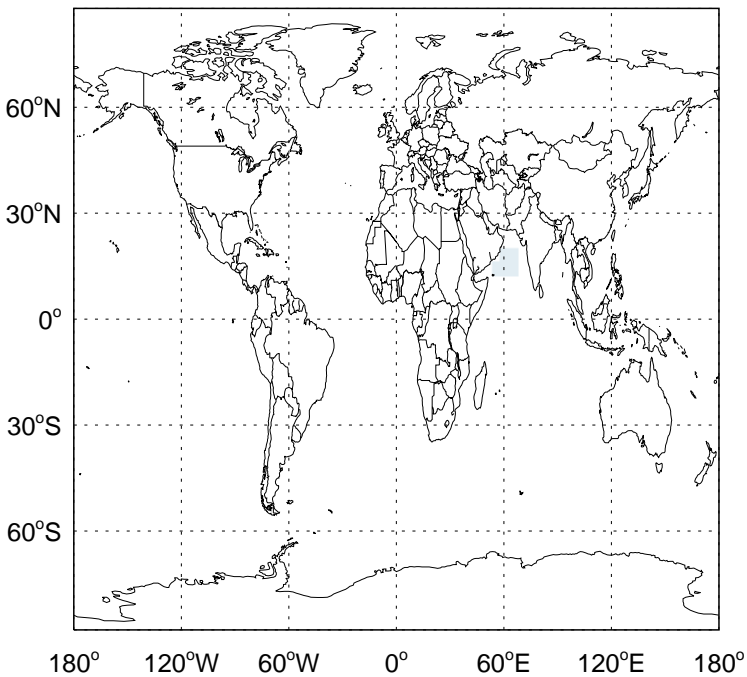
v11-02a - v11-01-public-Run0  
SO4s - Diff @ Surface for Jul



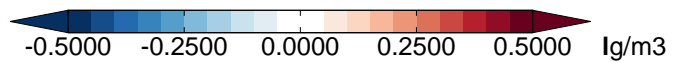
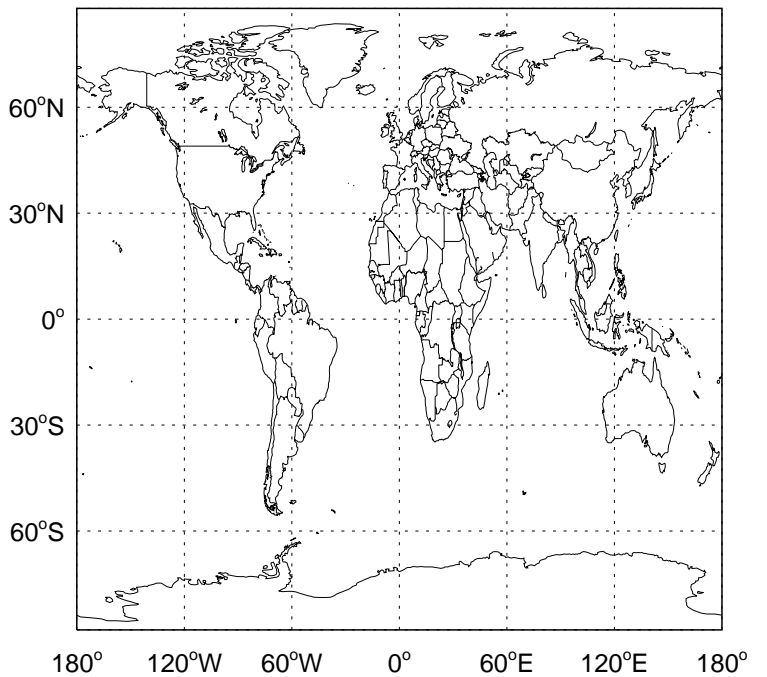
v11-02a - v11-01-public-Run0  
SO4s- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
SO4s - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
SO4s- Diff @ 500 hPa for Jul

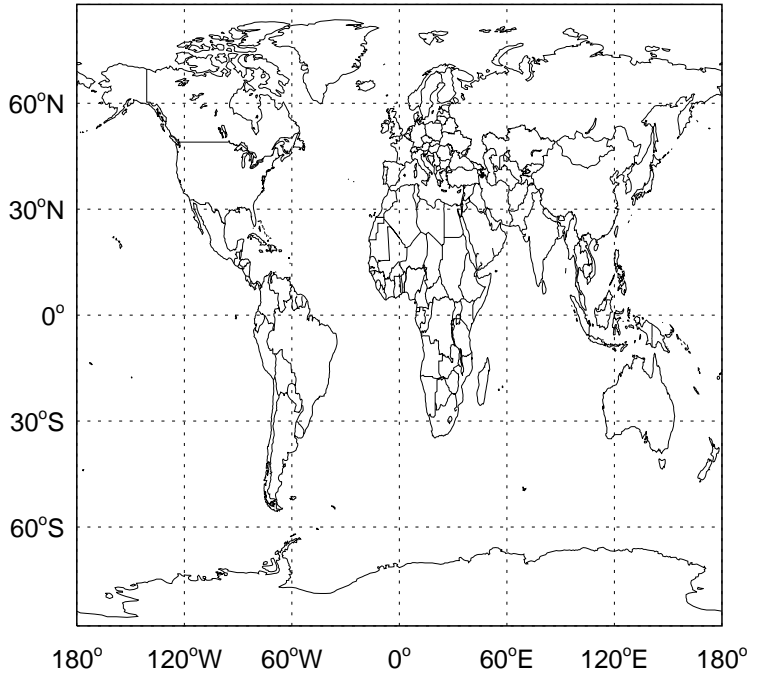


# GEOS-Chem Difference Maps at surface and 500 hPa

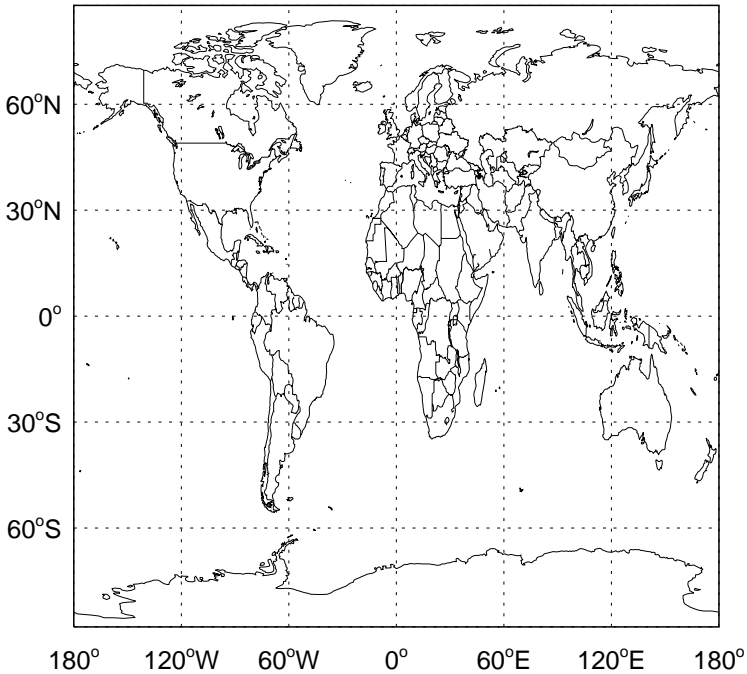
v11-02a - v11-01-public-Run0  
MSA - Diff @ Surface for Jul



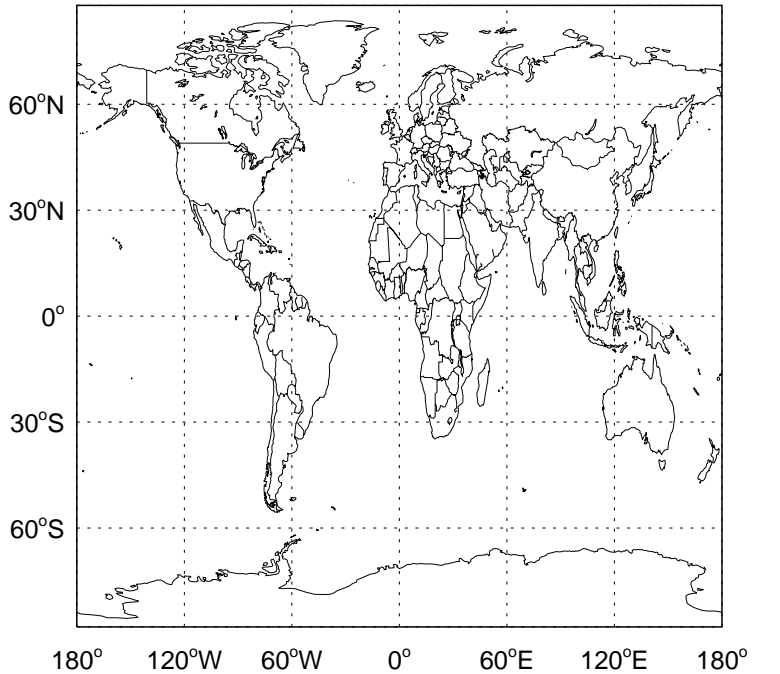
v11-02a - v11-01-public-Run0  
MSA- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MSA - Diff @ Surface for Jul



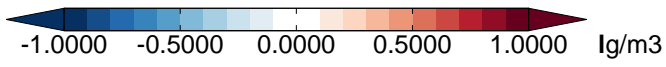
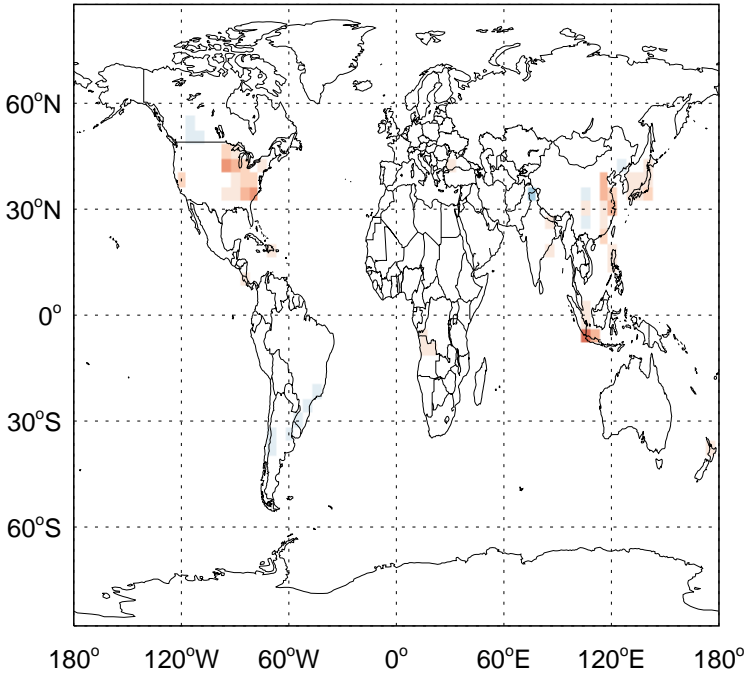
v11-02a - v11-01k-Run0  
MSA- Diff @ 500 hPa for Jul



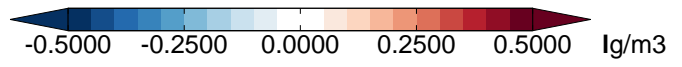


# GEOS-Chem Difference Maps at surface and 500 hPa

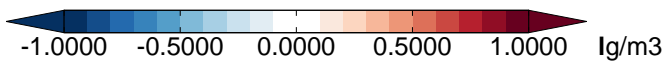
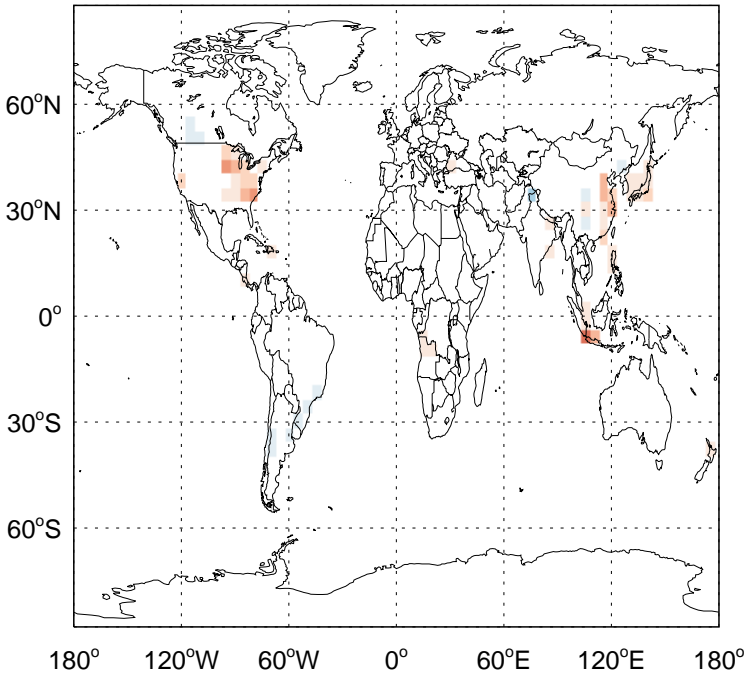
v11-02a - v11-01-public-Run0  
NH3 - Diff @ Surface for Jul



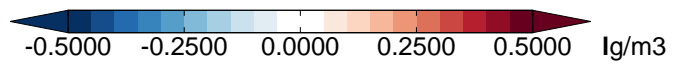
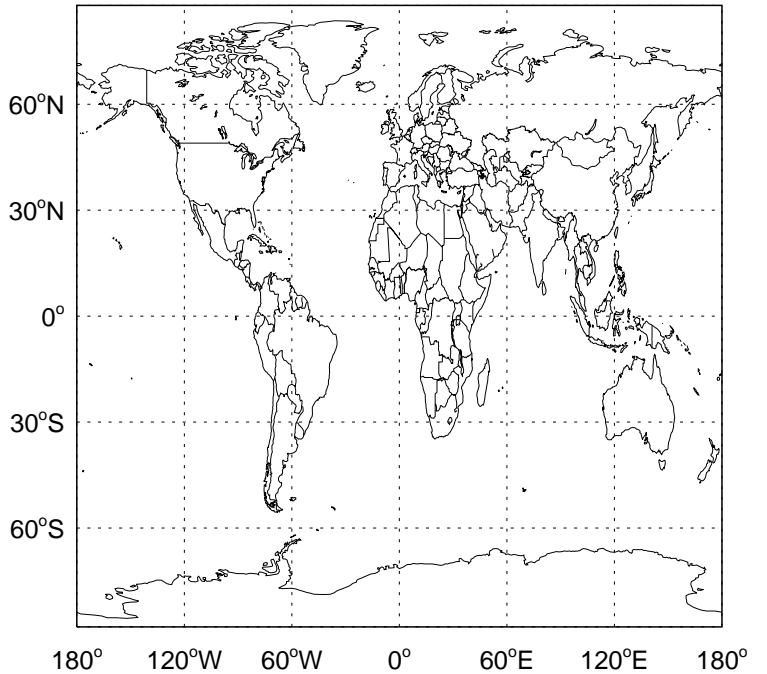
v11-02a - v11-01-public-Run0  
NH3 - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
NH3 - Diff @ Surface for Jul



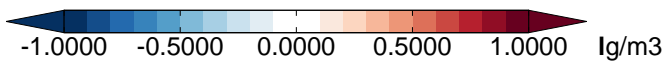
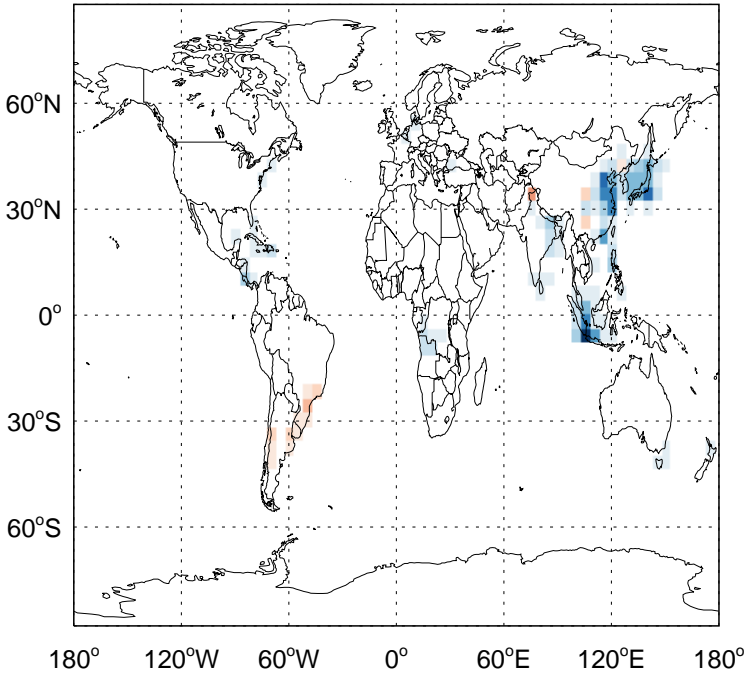
v11-02a - v11-01k-Run0  
NH3 - Diff @ 500 hPa for Jul



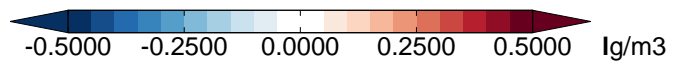


# GEOS-Chem Difference Maps at surface and 500 hPa

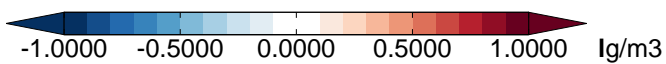
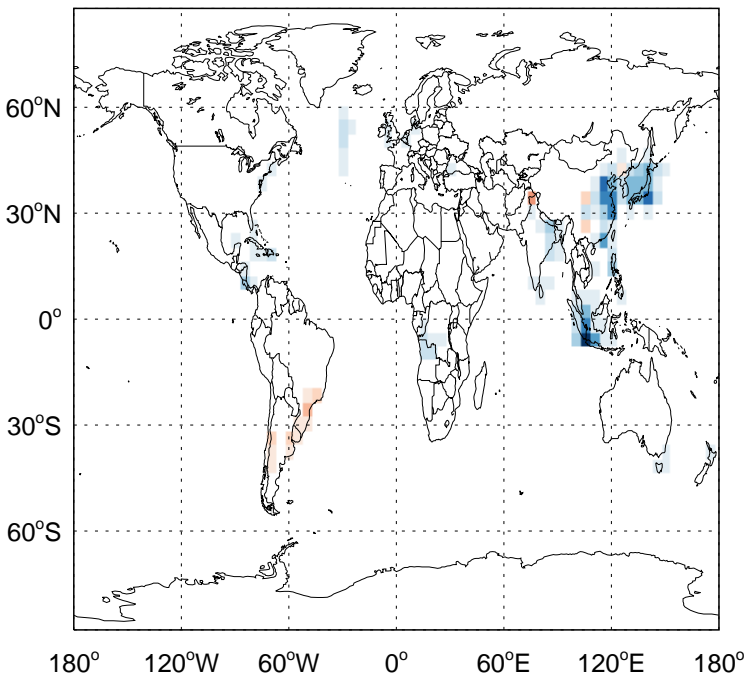
v11-02a - v11-01-public-Run0  
NH4 - Diff @ Surface for Jul



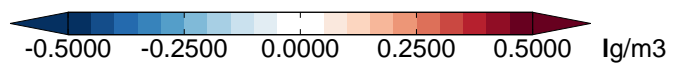
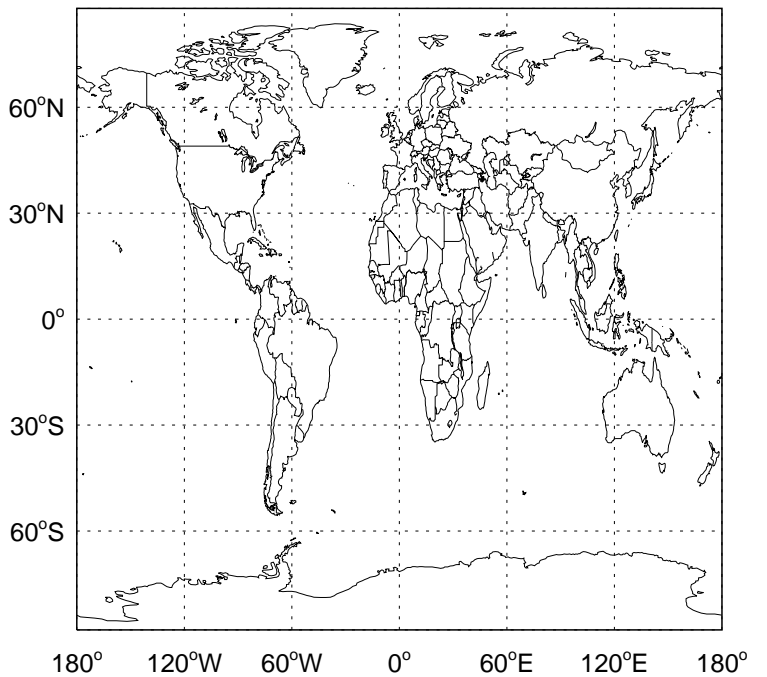
v11-02a - v11-01-public-Run0  
NH4- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
NH4 - Diff @ Surface for Jul

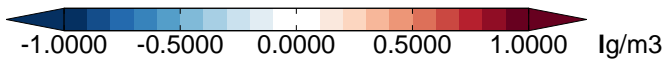
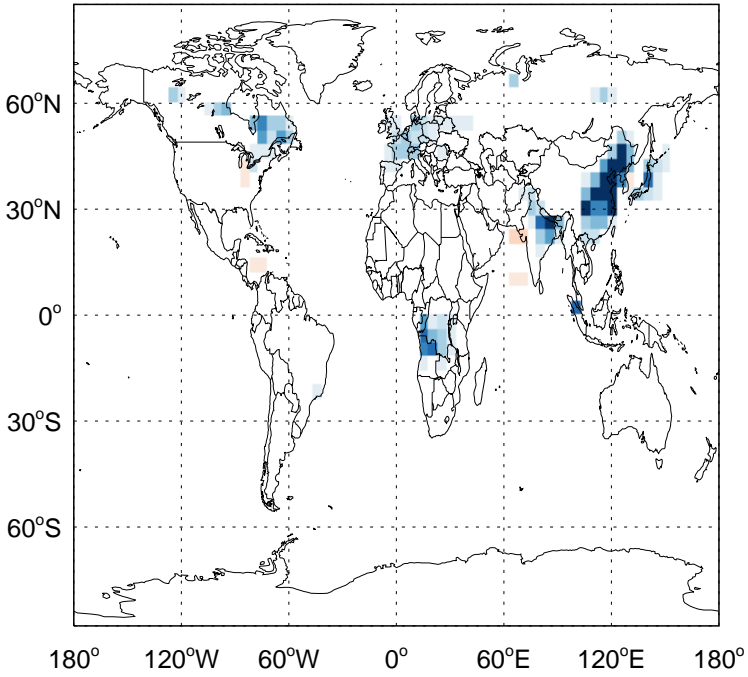


v11-02a - v11-01k-Run0  
NH4- Diff @ 500 hPa for Jul

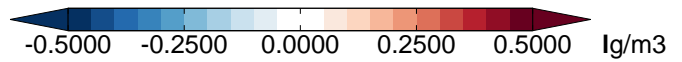
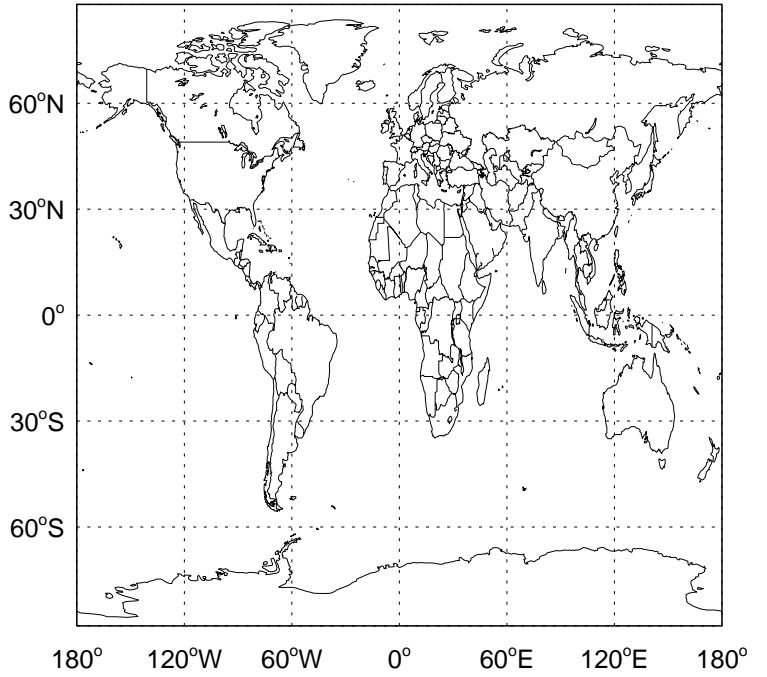


# GEOS-Chem Difference Maps at surface and 500 hPa

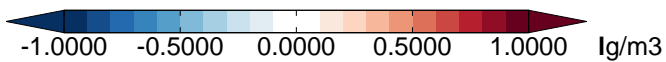
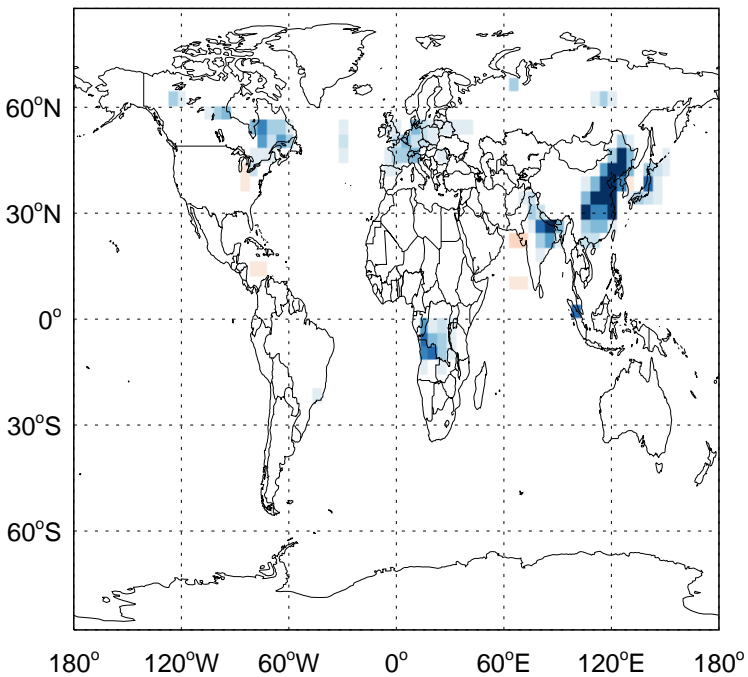
v11-02a - v11-01-public-Run0  
NIT - Diff @ Surface for Jul



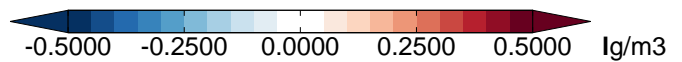
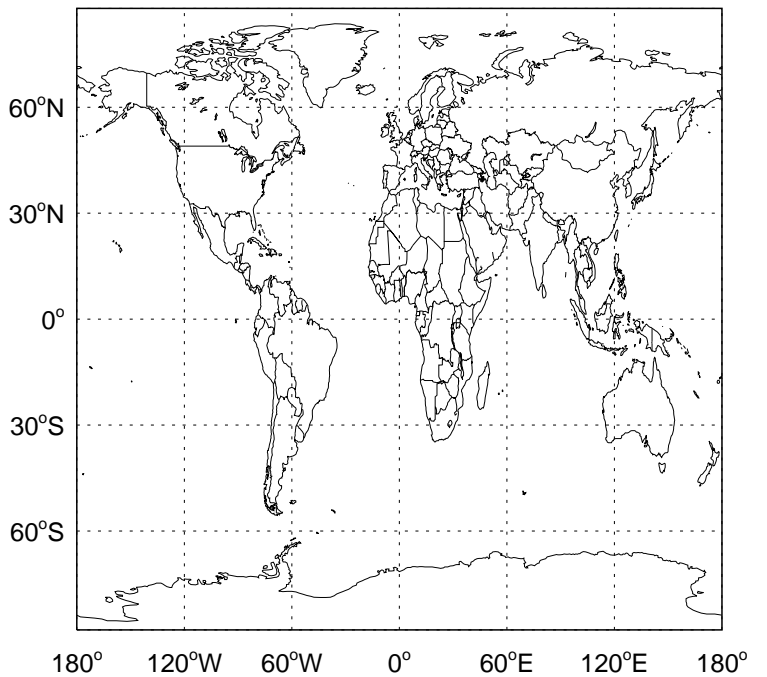
v11-02a - v11-01-public-Run0  
NIT- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
NIT - Diff @ Surface for Jul



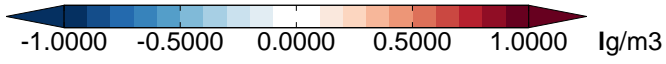
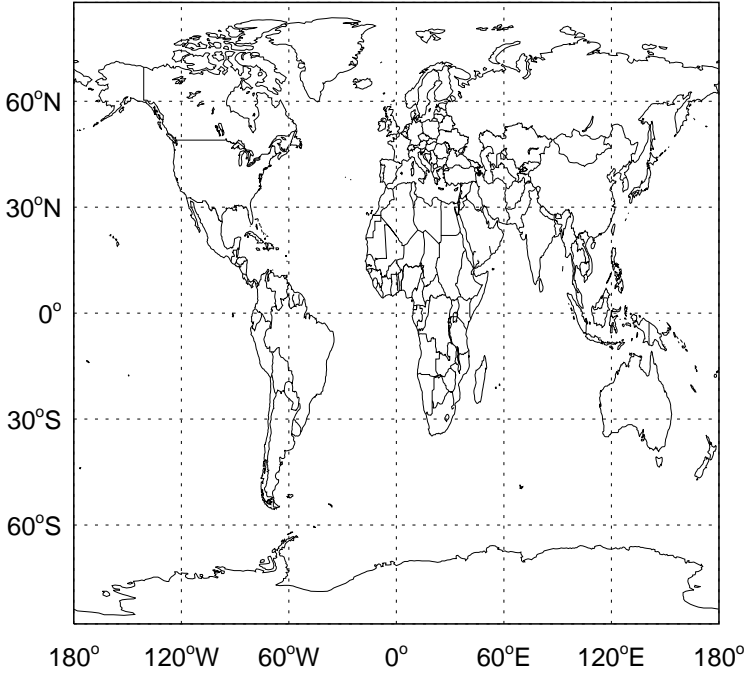
v11-02a - v11-01k-Run0  
NIT- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

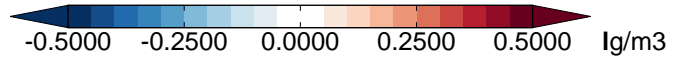
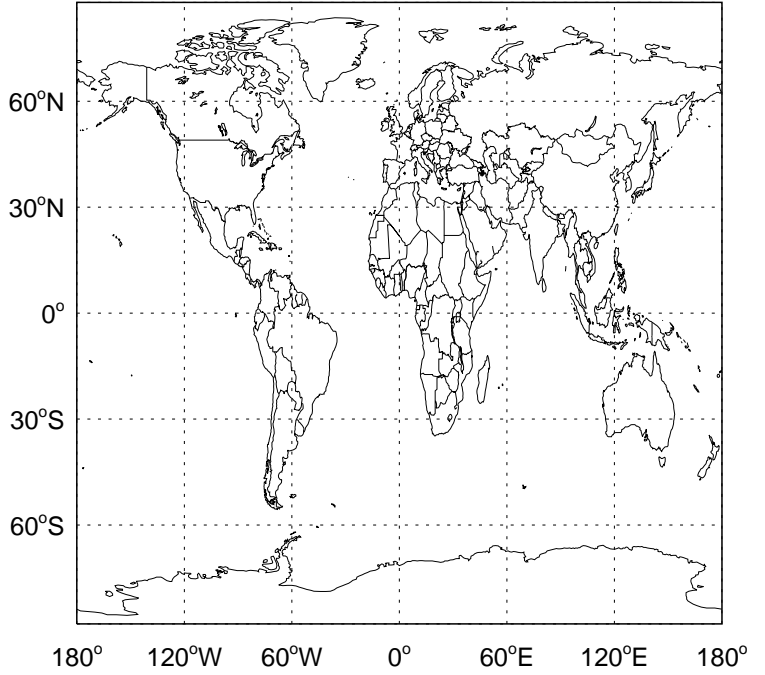
v11-02a - v11-01-public-Run0

NITs - Diff @ Surface for Jul



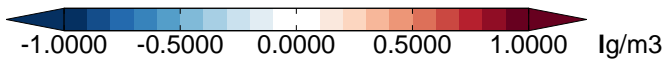
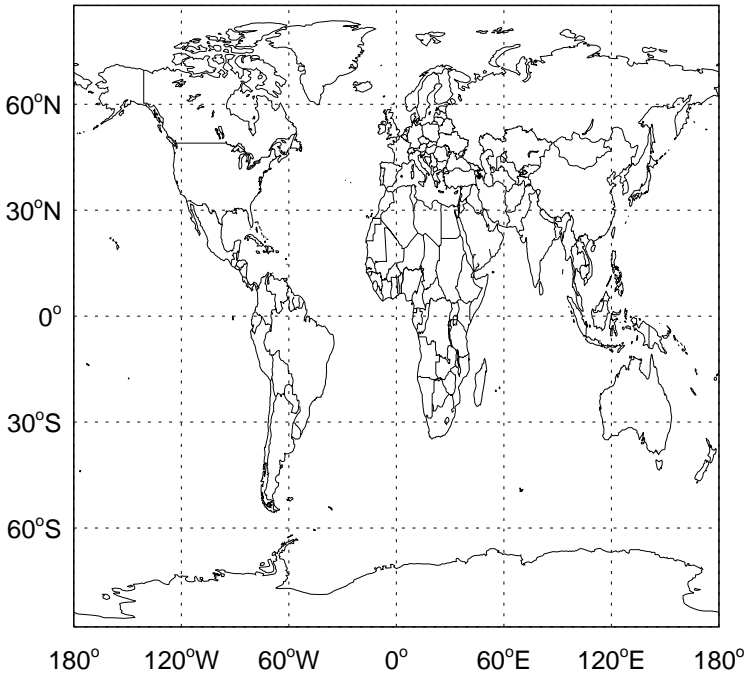
v11-02a - v11-01-public-Run0

NITs- Diff @ 500 hPa for Jul



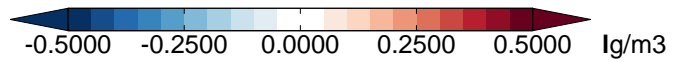
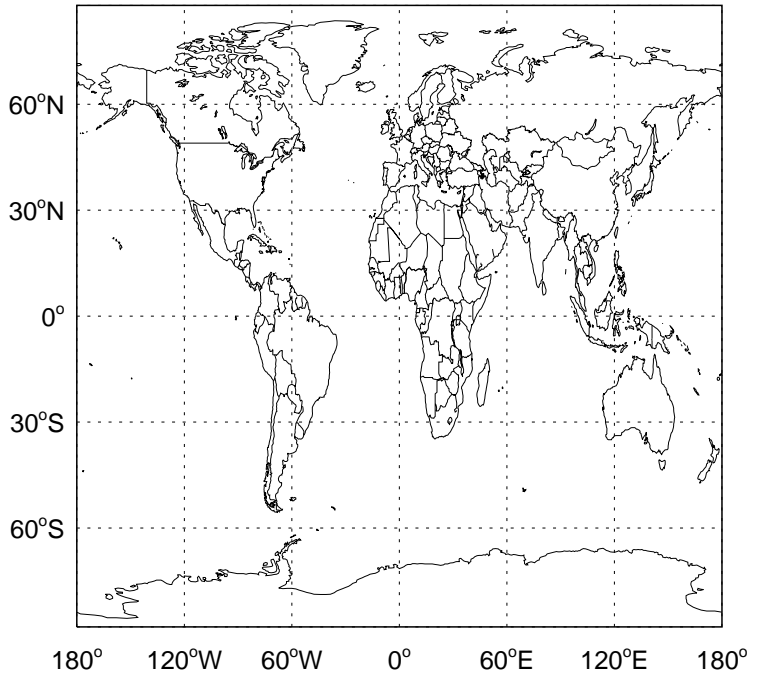
v11-02a - v11-01k-Run0

NITs - Diff @ Surface for Jul



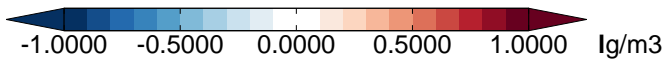
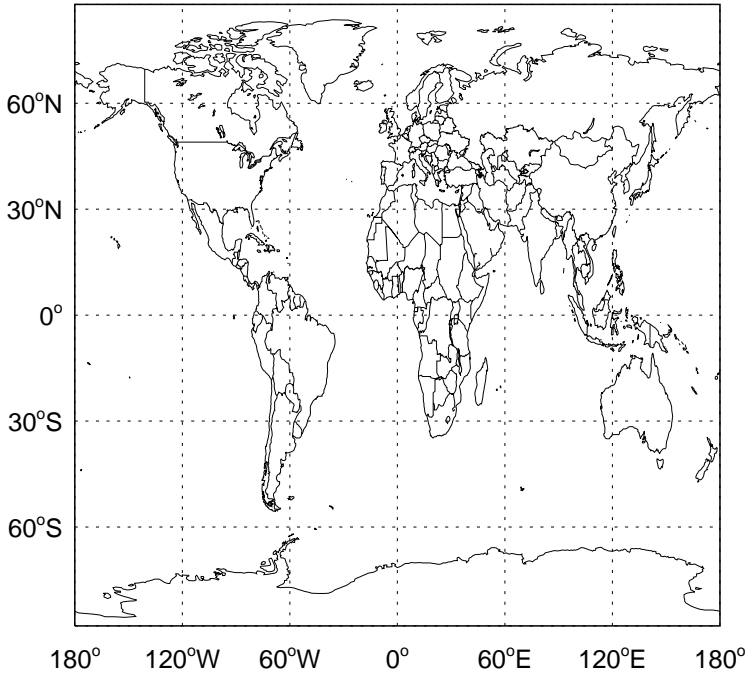
v11-02a - v11-01k-Run0

NITs- Diff @ 500 hPa for Jul

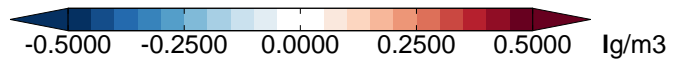
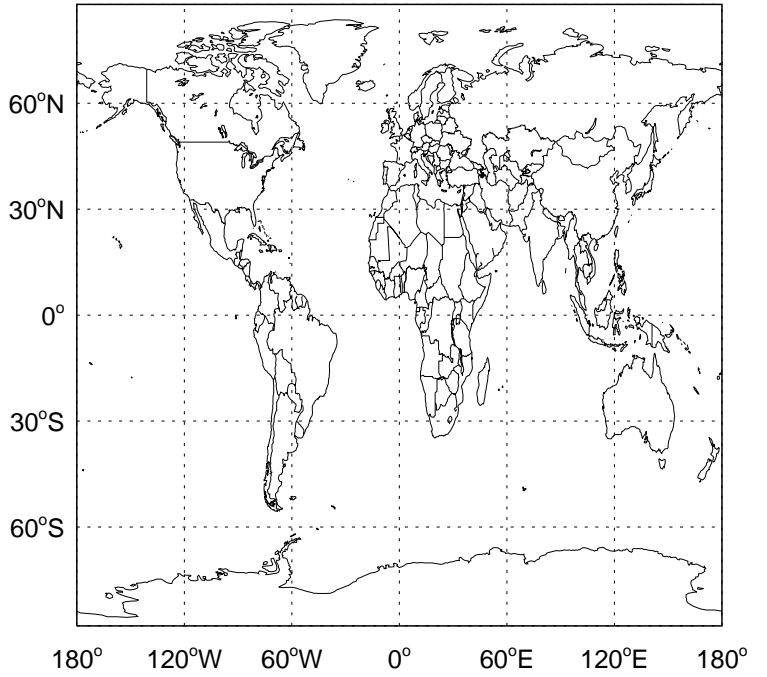


# GEOS-Chem Difference Maps at surface and 500 hPa

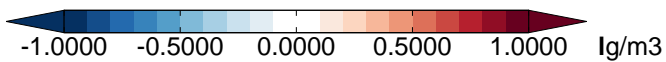
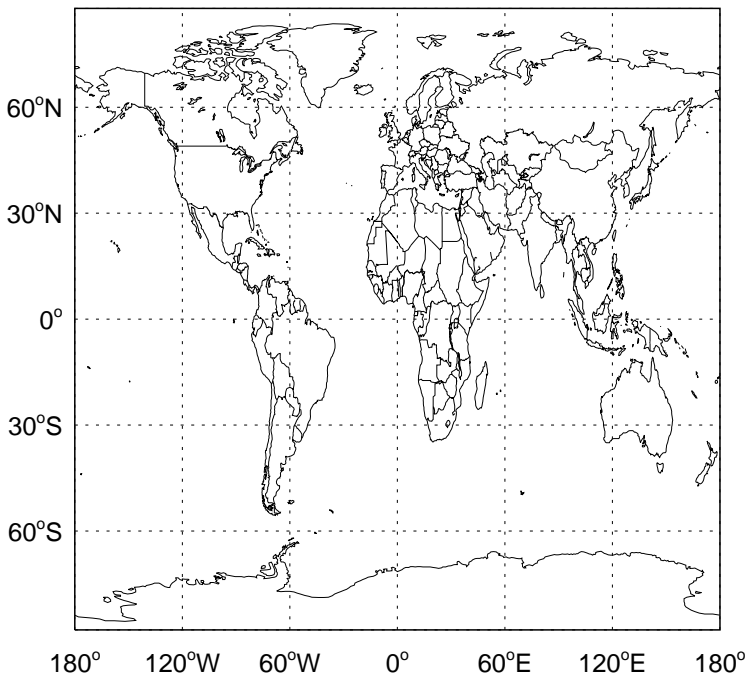
v11-02a - v11-01-public-Run0  
BCPI - Diff @ Surface for Jul



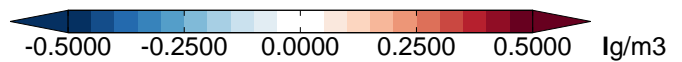
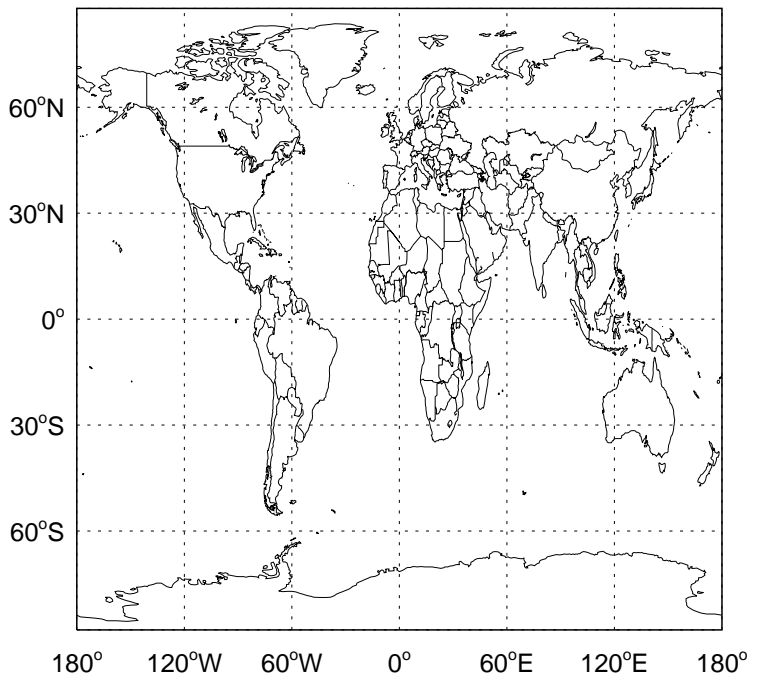
v11-02a - v11-01-public-Run0  
BCPI- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
BCPI - Diff @ Surface for Jul

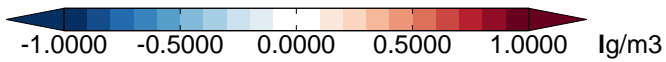
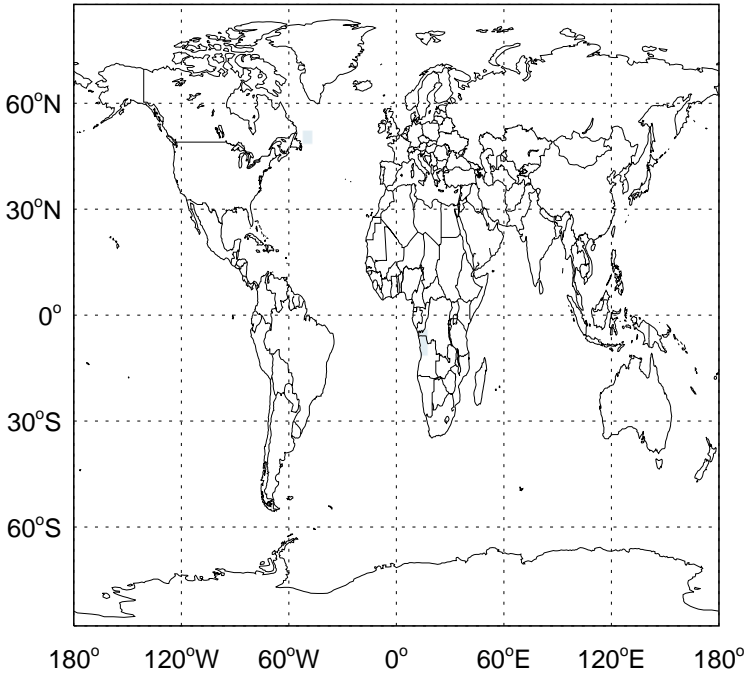


v11-02a - v11-01k-Run0  
BCPI- Diff @ 500 hPa for Jul

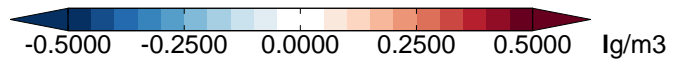


# GEOS-Chem Difference Maps at surface and 500 hPa

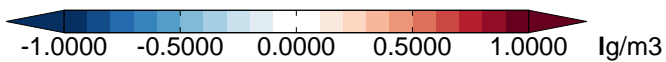
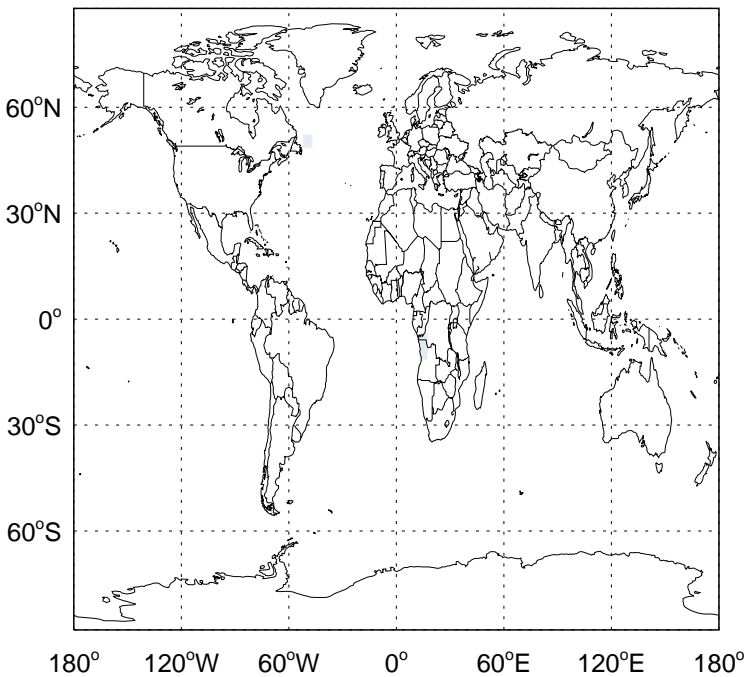
v11-02a - v11-01-public-Run0  
OCPI - Diff @ Surface for Jul



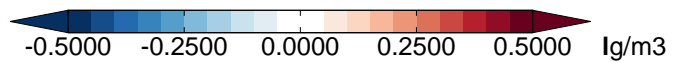
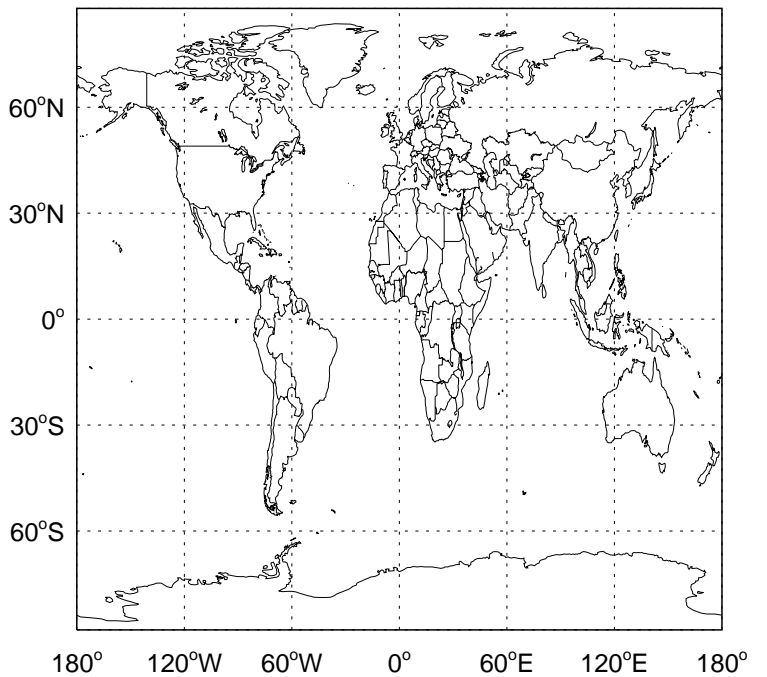
v11-02a - v11-01-public-Run0  
OCPI- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
OCPI - Diff @ Surface for Jul

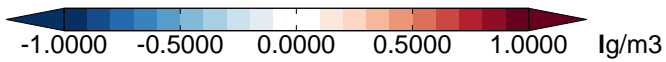


v11-02a - v11-01k-Run0  
OCPI- Diff @ 500 hPa for Jul

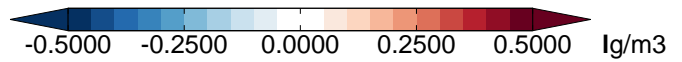
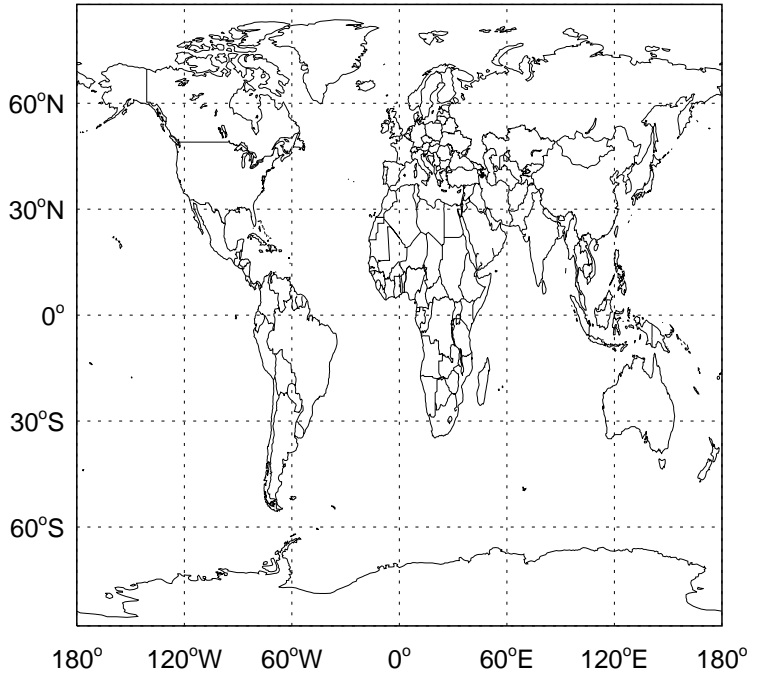


# GEOS-Chem Difference Maps at surface and 500 hPa

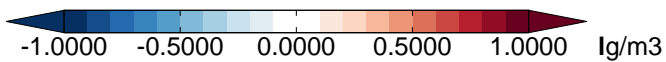
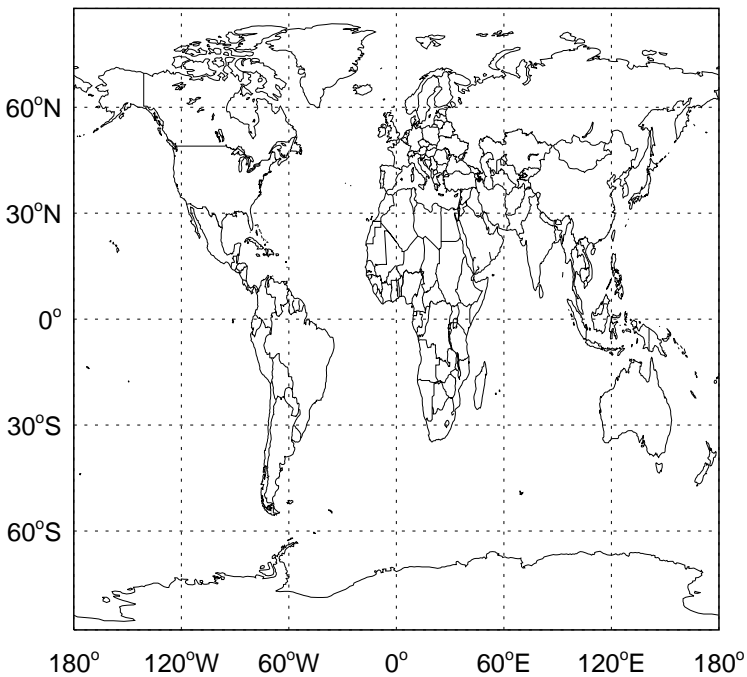
v11-02a - v11-01-public-Run0  
BCPO - Diff @ Surface for Jul



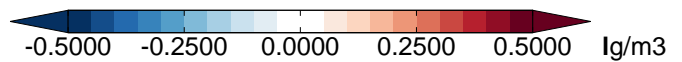
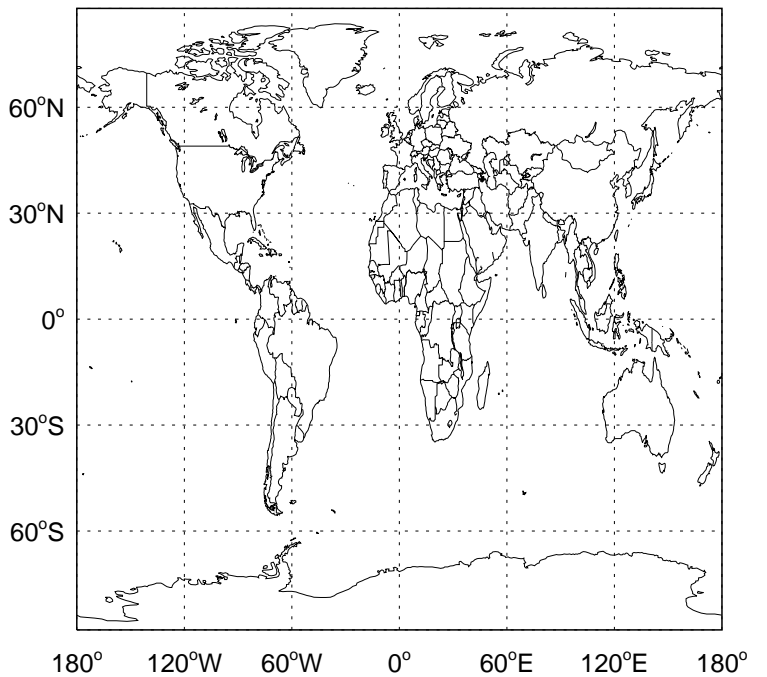
v11-02a - v11-01-public-Run0  
BCPO- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
BCPO - Diff @ Surface for Jul



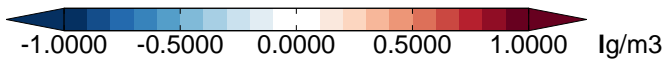
v11-02a - v11-01k-Run0  
BCPO- Diff @ 500 hPa for Jul



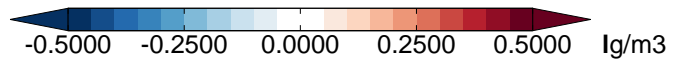


# GEOS-Chem Difference Maps at surface and 500 hPa

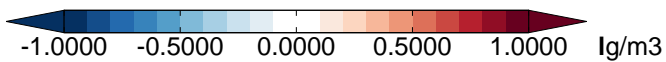
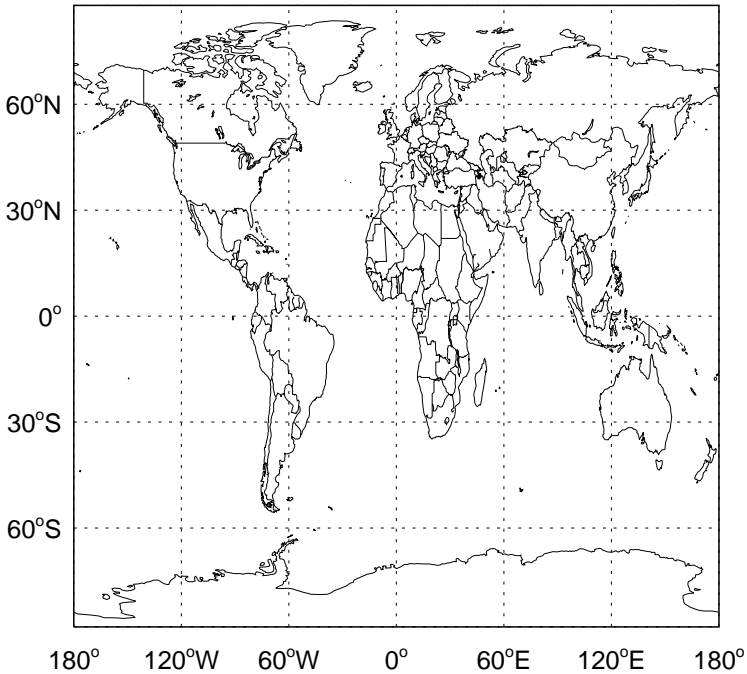
v11-02a - v11-01-public-Run0  
OCPO - Diff @ Surface for Jul



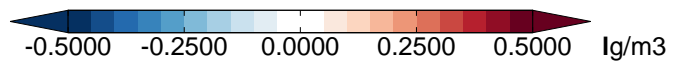
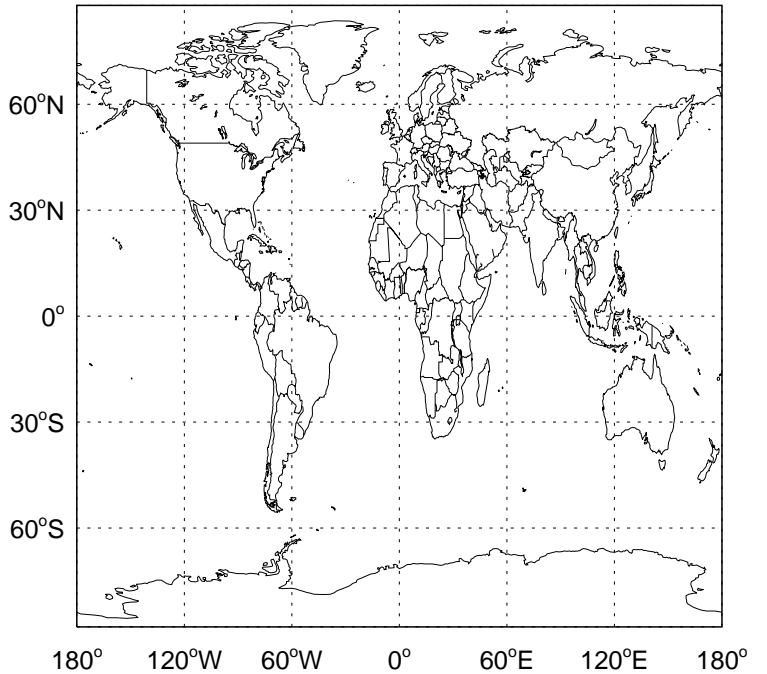
v11-02a - v11-01-public-Run0  
OCPO- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
OCPO - Diff @ Surface for Jul



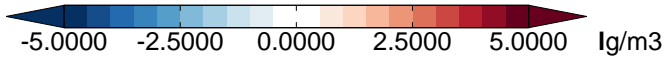
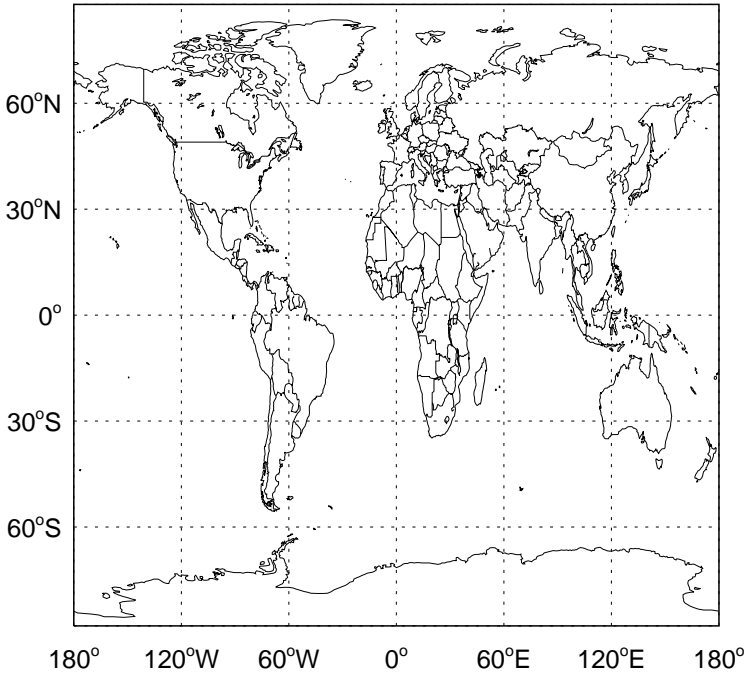
v11-02a - v11-01k-Run0  
OCPO- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

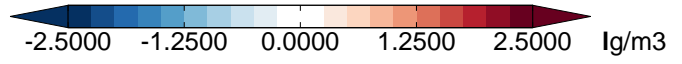
v11-02a - v11-01-public-Run0

DST1 - Diff @ Surface for Jul



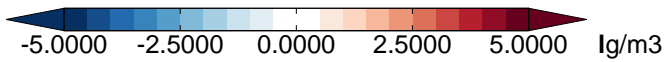
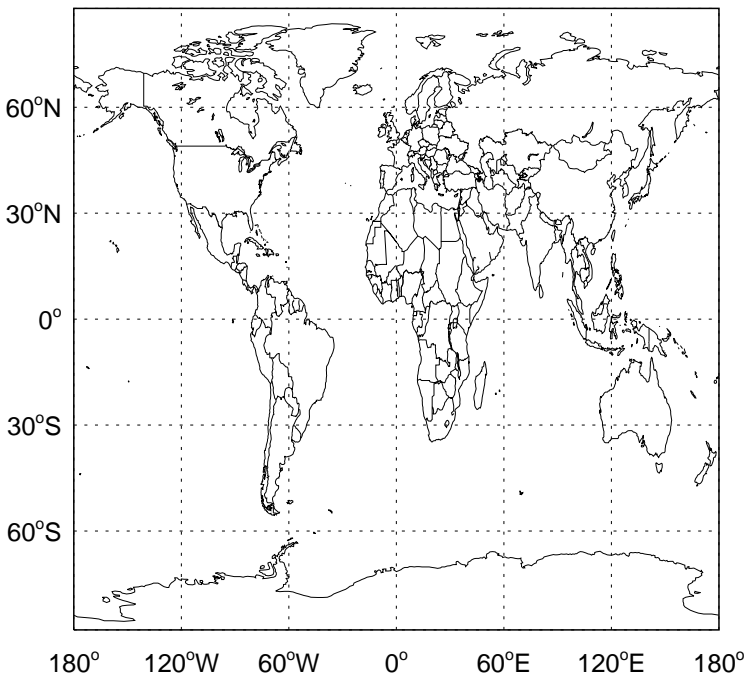
v11-02a - v11-01-public-Run0

DST1- Diff @ 500 hPa for Jul



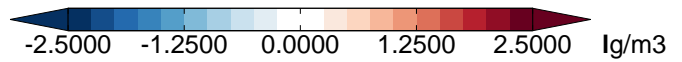
v11-02a - v11-01k-Run0

DST1 - Diff @ Surface for Jul



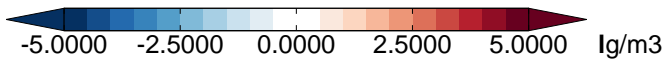
v11-02a - v11-01k-Run0

DST1- Diff @ 500 hPa for Jul

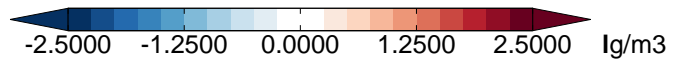


# GEOS-Chem Difference Maps at surface and 500 hPa

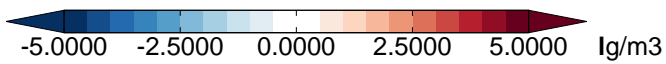
v11-02a - v11-01-public-Run0  
DST2 - Diff @ Surface for Jul



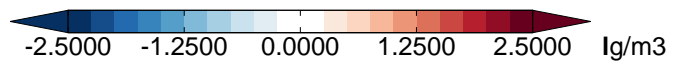
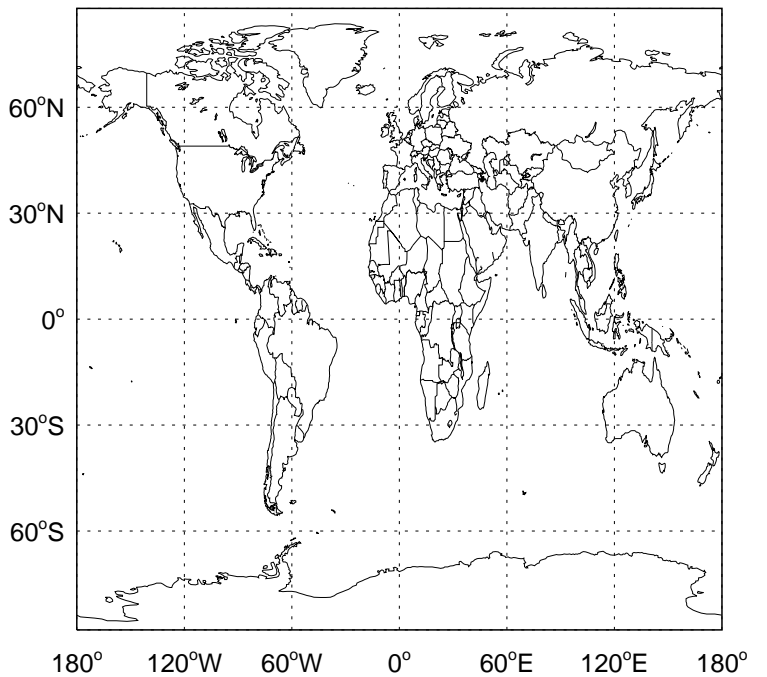
v11-02a - v11-01-public-Run0  
DST2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
DST2 - Diff @ Surface for Jul

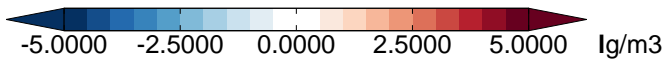
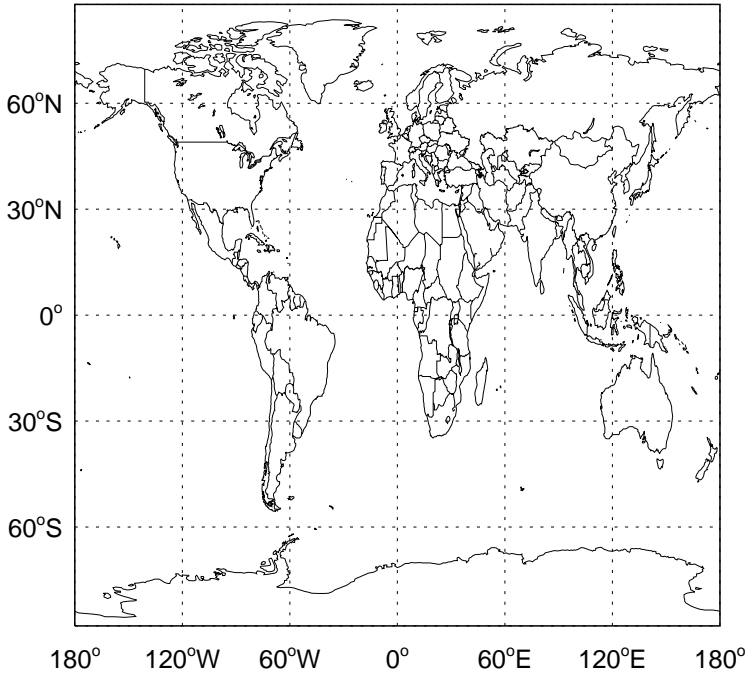


v11-02a - v11-01k-Run0  
DST2- Diff @ 500 hPa for Jul

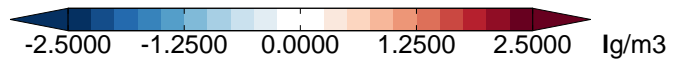
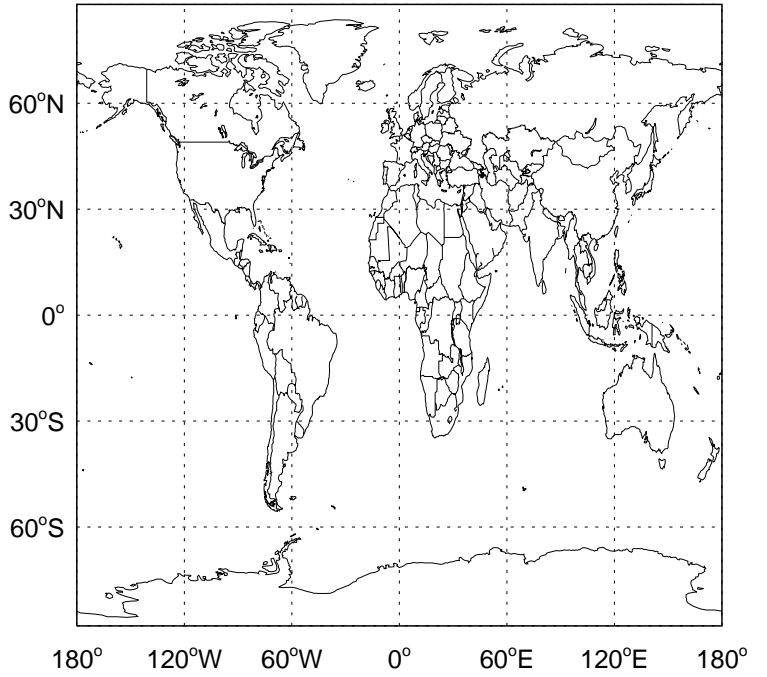


# GEOS-Chem Difference Maps at surface and 500 hPa

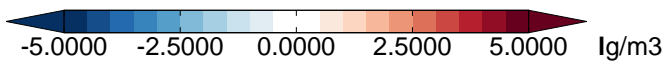
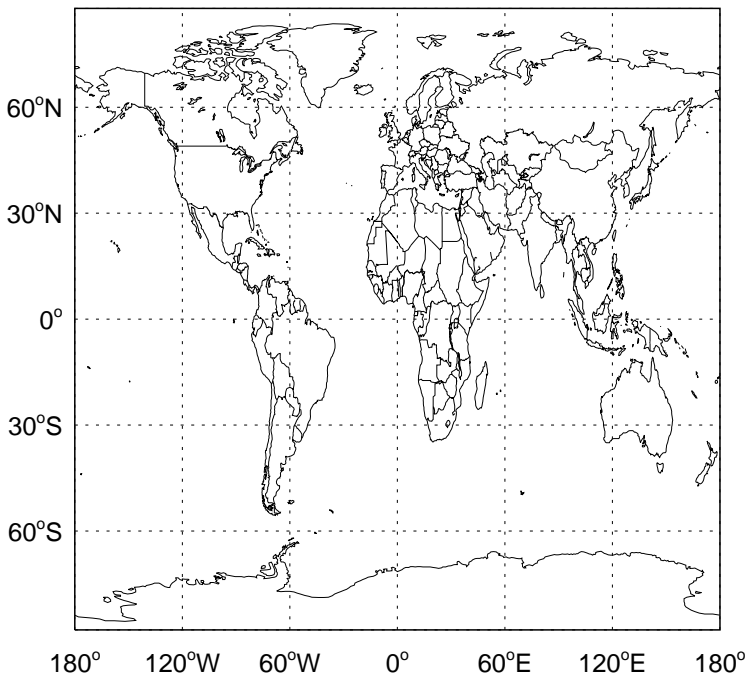
v11-02a - v11-01-public-Run0  
DST3 - Diff @ Surface for Jul



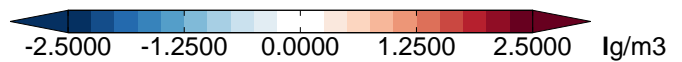
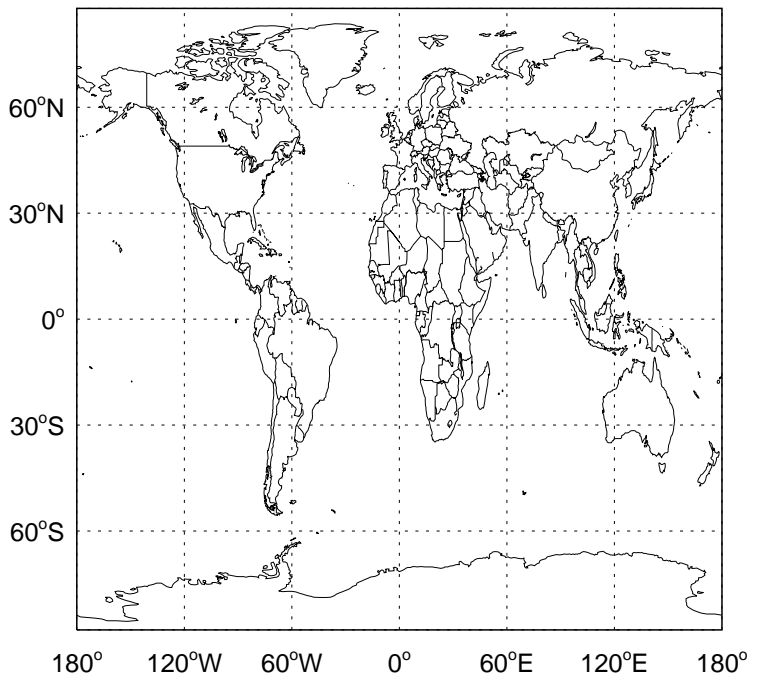
v11-02a - v11-01-public-Run0  
DST3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
DST3 - Diff @ Surface for Jul

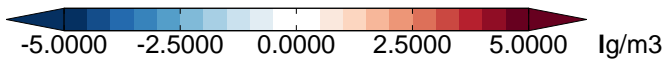
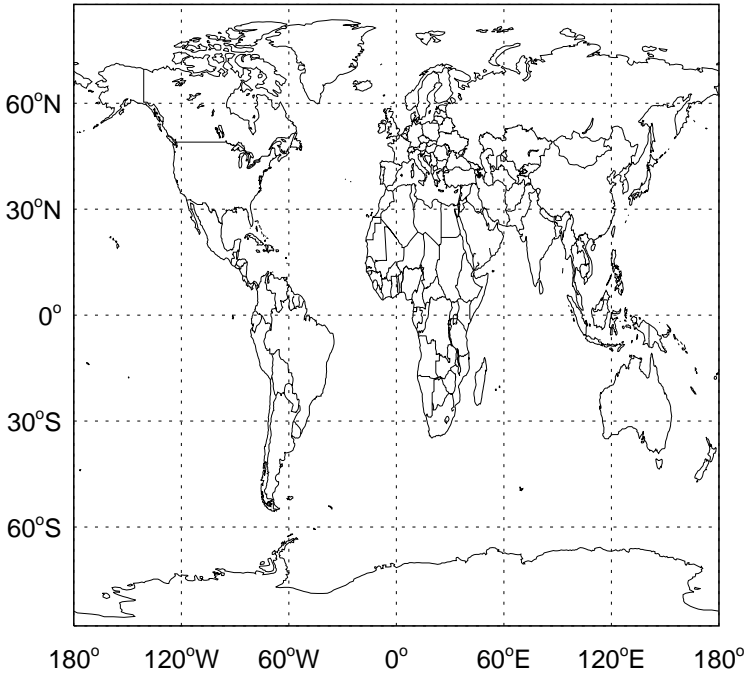


v11-02a - v11-01k-Run0  
DST3- Diff @ 500 hPa for Jul

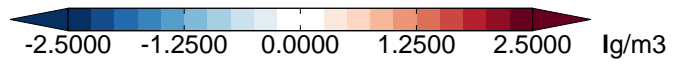


# GEOS-Chem Difference Maps at surface and 500 hPa

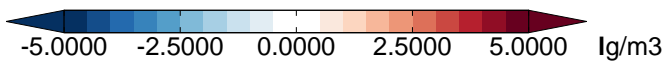
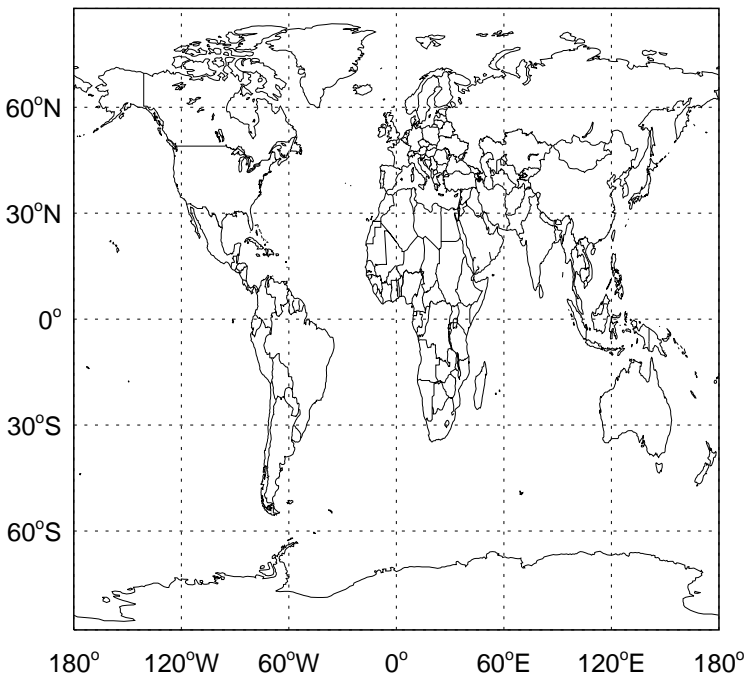
v11-02a - v11-01-public-Run0  
DST4 - Diff @ Surface for Jul



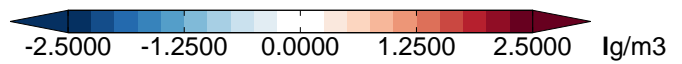
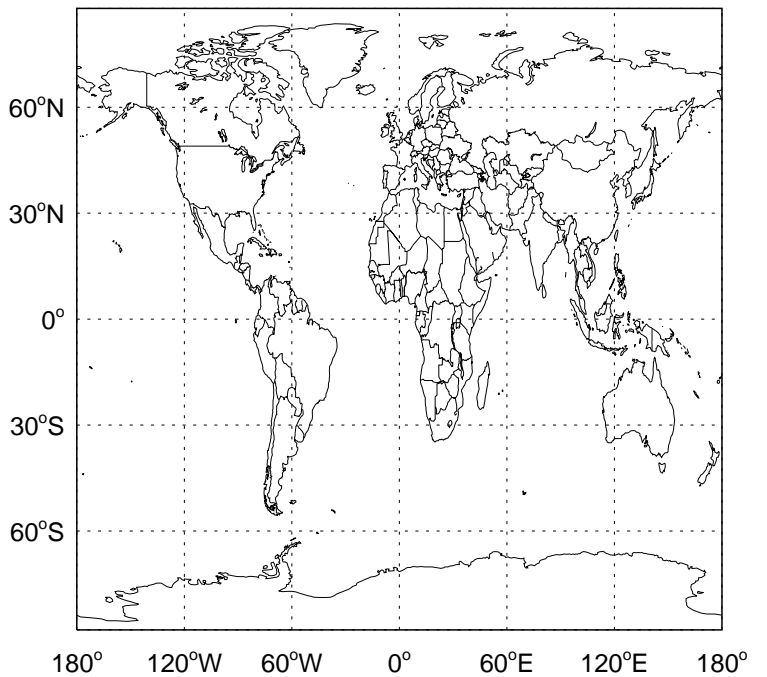
v11-02a - v11-01-public-Run0  
DST4- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
DST4 - Diff @ Surface for Jul

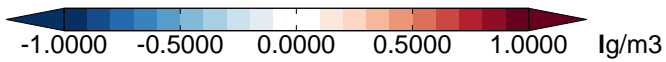
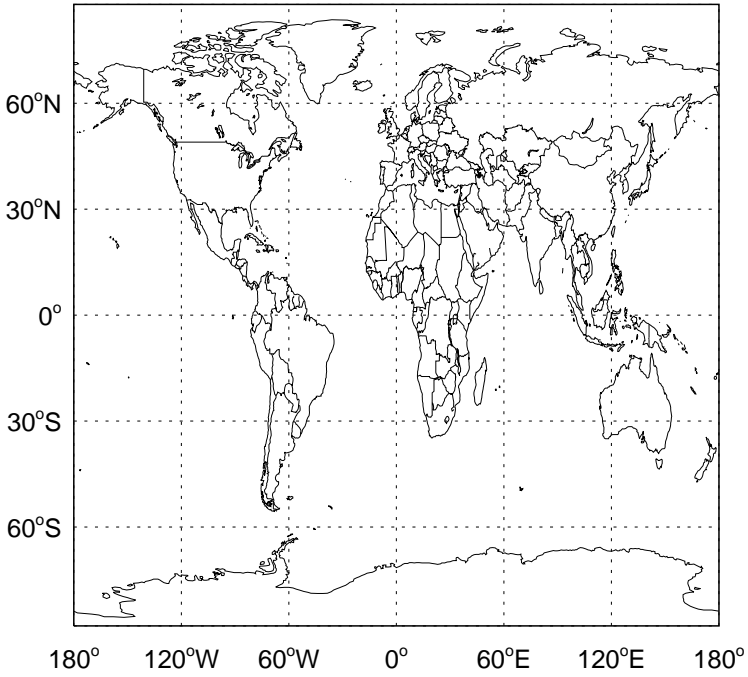


v11-02a - v11-01k-Run0  
DST4- Diff @ 500 hPa for Jul

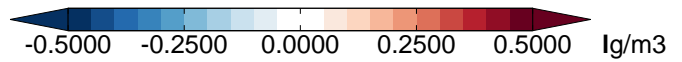
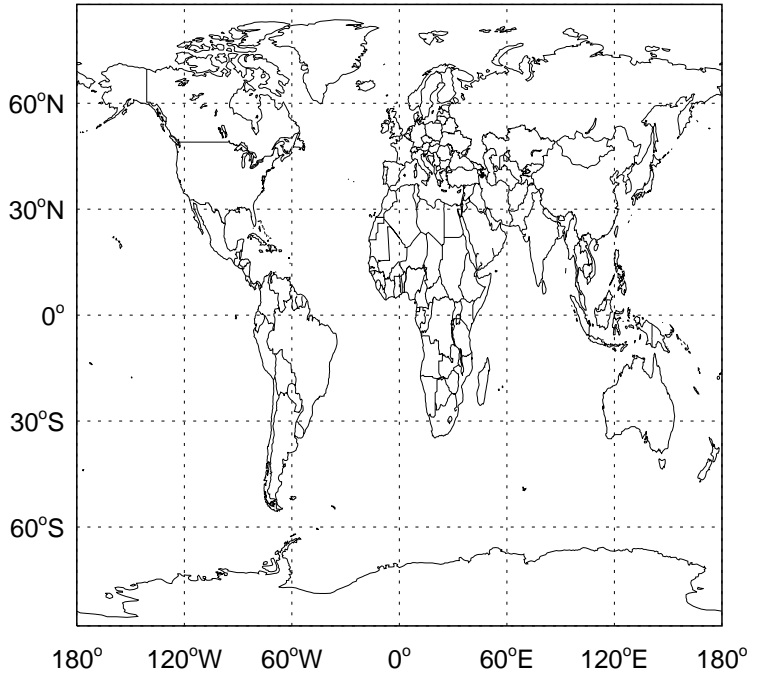


# GEOS-Chem Difference Maps at surface and 500 hPa

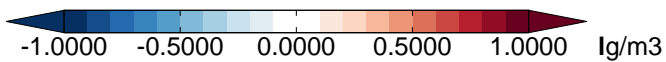
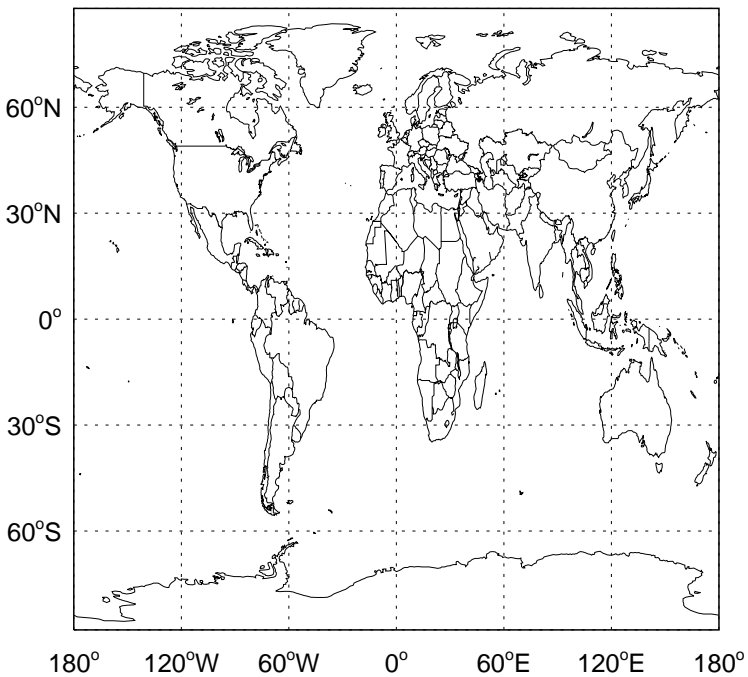
v11-02a - v11-01-public-Run0  
SALA - Diff @ Surface for Jul



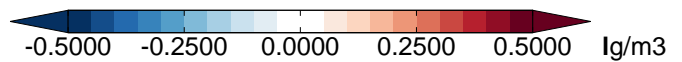
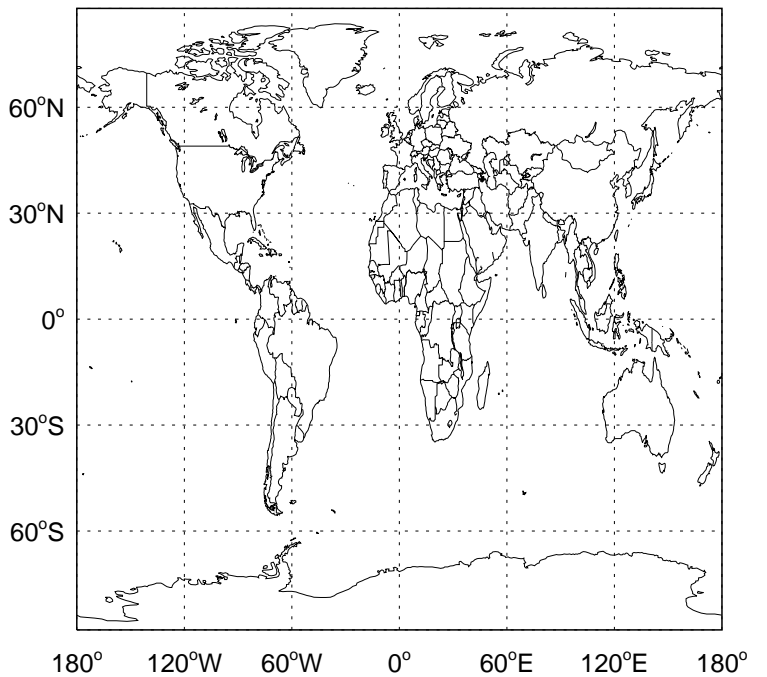
v11-02a - v11-01-public-Run0  
SALA- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
SALA - Diff @ Surface for Jul



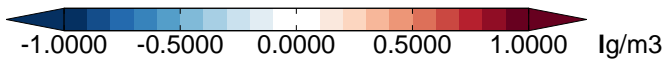
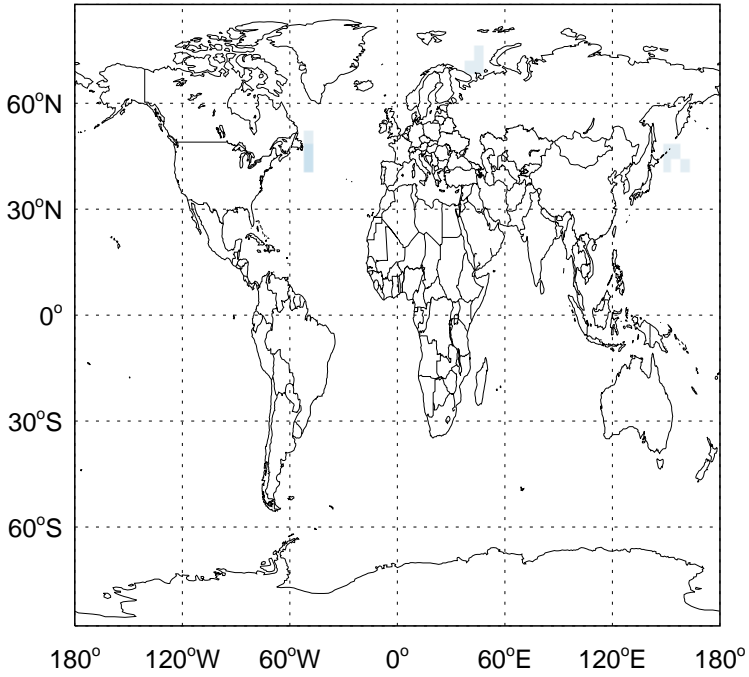
v11-02a - v11-01k-Run0  
SALA- Diff @ 500 hPa for Jul



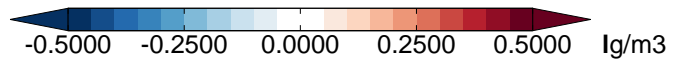


# GEOS-Chem Difference Maps at surface and 500 hPa

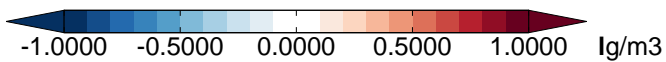
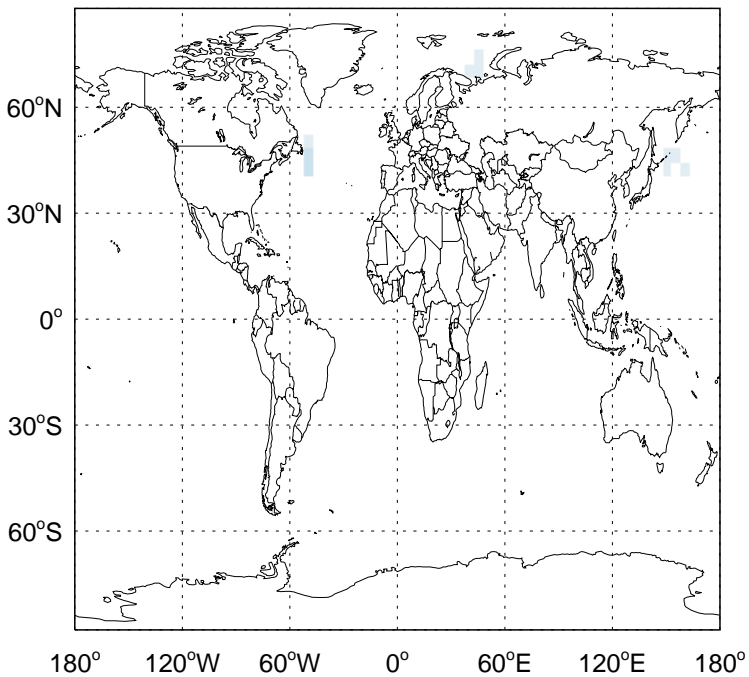
v11-02a - v11-01-public-Run0  
SALC - Diff @ Surface for Jul



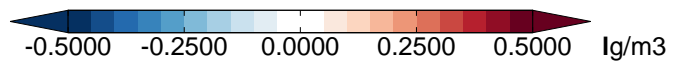
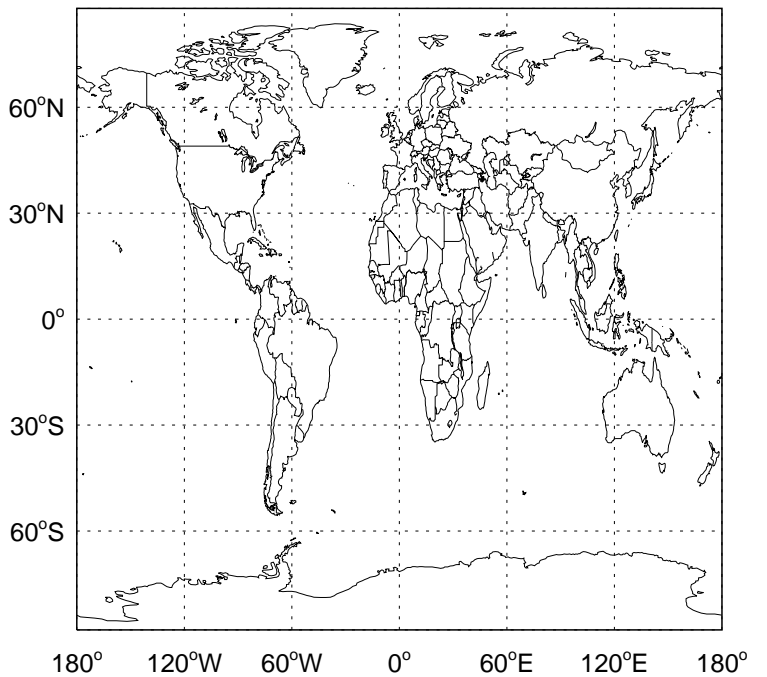
v11-02a - v11-01-public-Run0  
SALC- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
SALC - Diff @ Surface for Jul



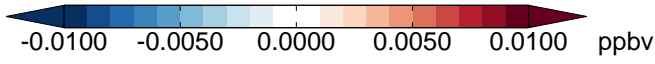
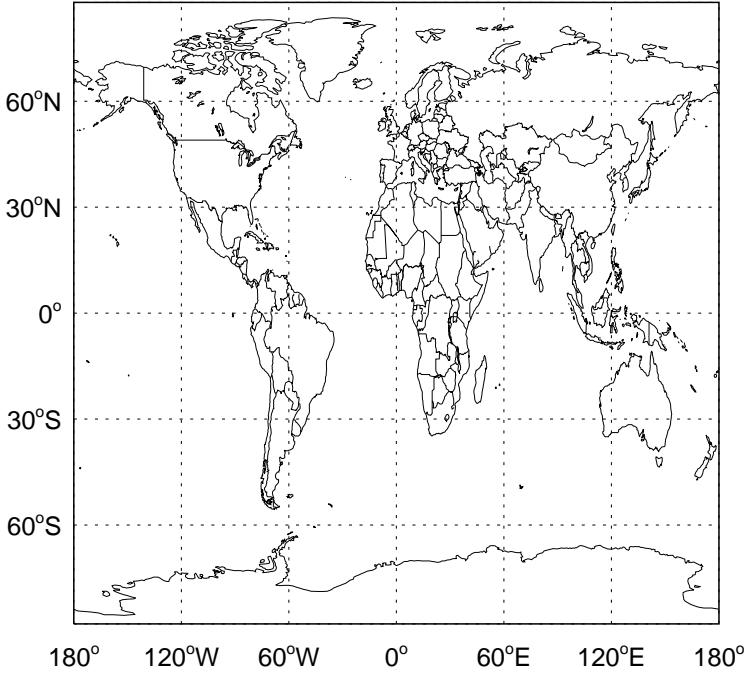
v11-02a - v11-01k-Run0  
SALC- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

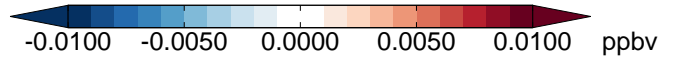
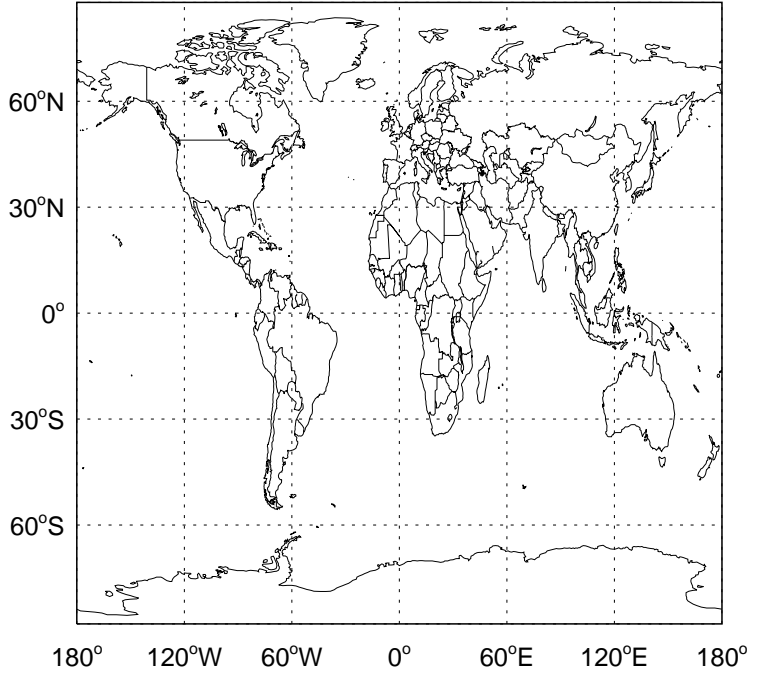
v11-02a - v11-01-public-Run0

Br2 - Diff @ Surface for Jul



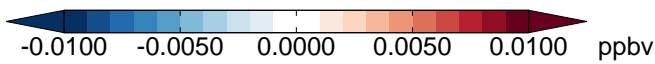
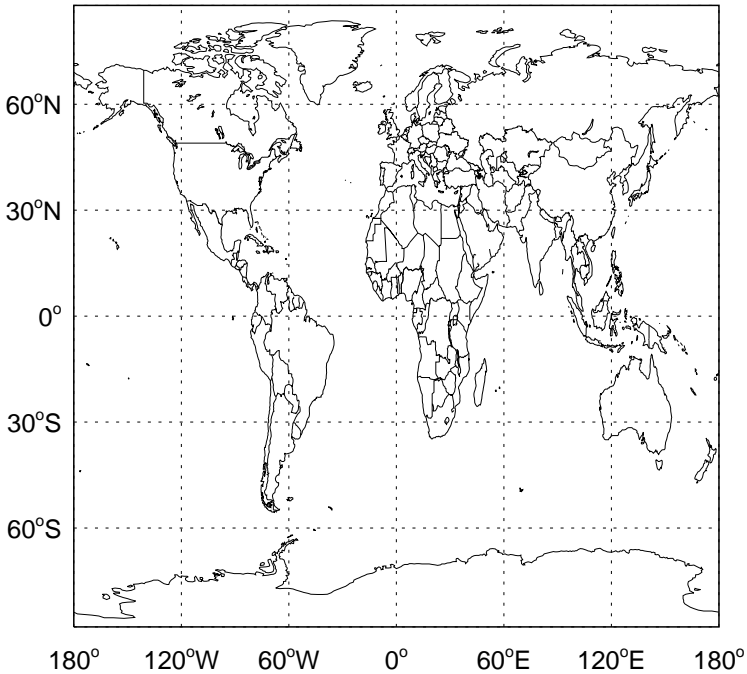
v11-02a - v11-01-public-Run0

Br2- Diff @ 500 hPa for Jul



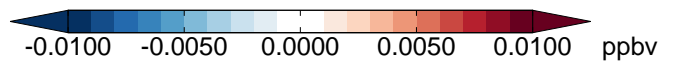
v11-02a - v11-01k-Run0

Br2 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

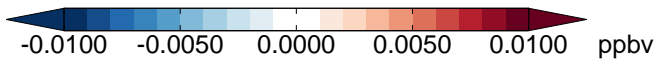
Br2- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

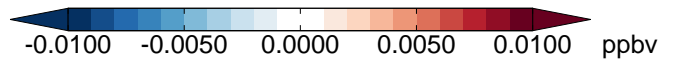
v11-02a - v11-01-public-Run0

Br - Diff @ Surface for Jul



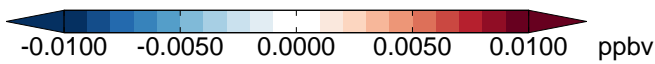
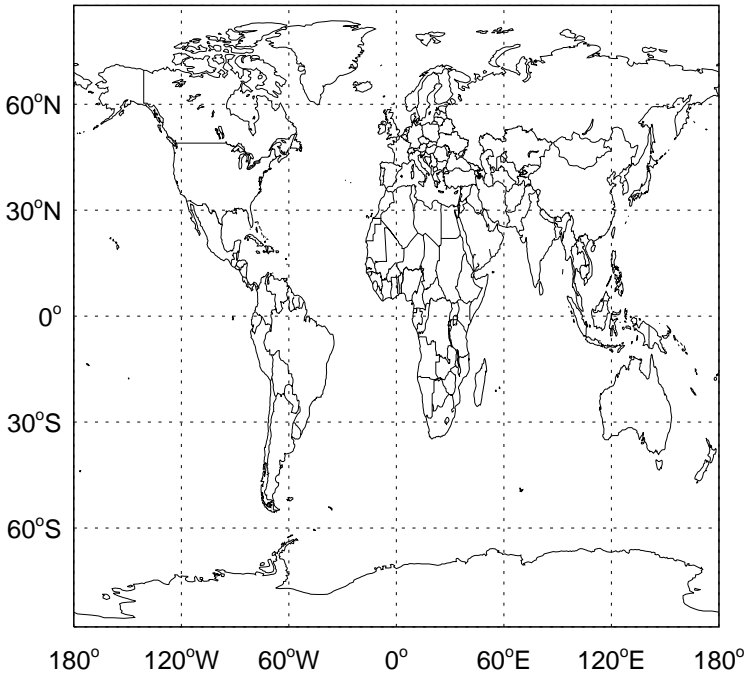
v11-02a - v11-01-public-Run0

Br - Diff @ 500 hPa for Jul



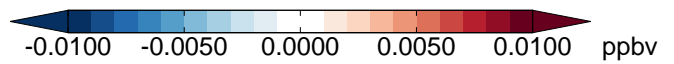
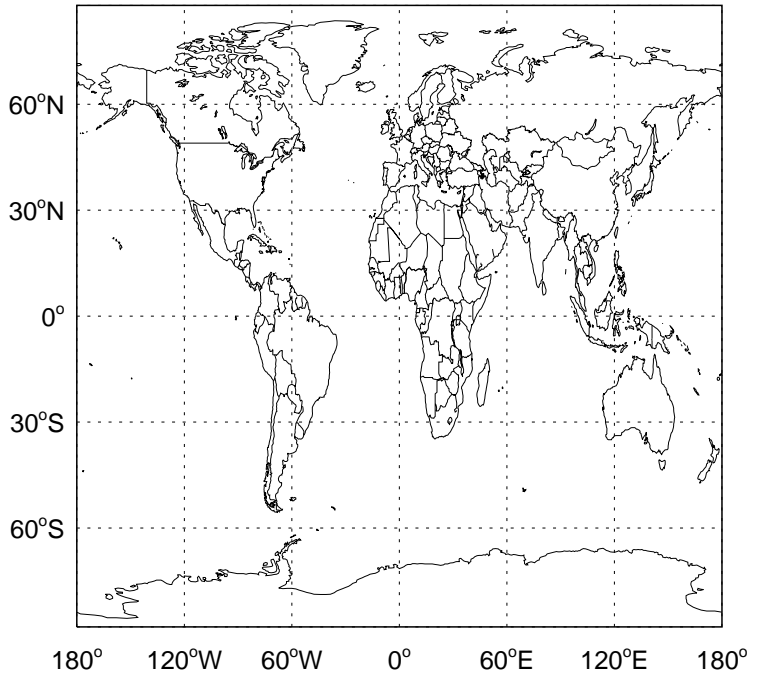
v11-02a - v11-01k-Run0

Br - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

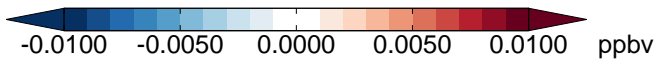
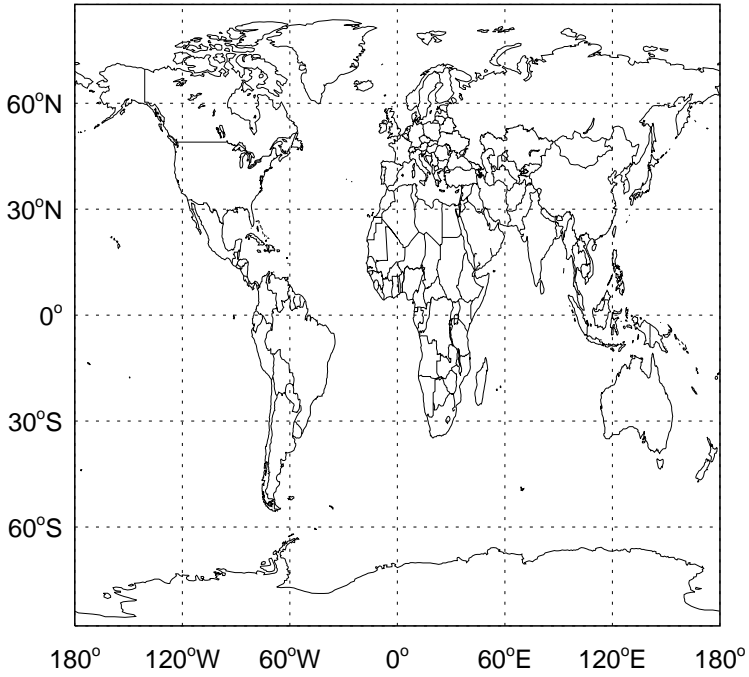
Br - Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

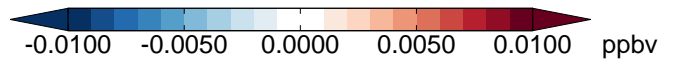
v11-02a - v11-01-public-Run0

BrO - Diff @ Surface for Jul



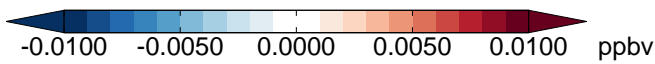
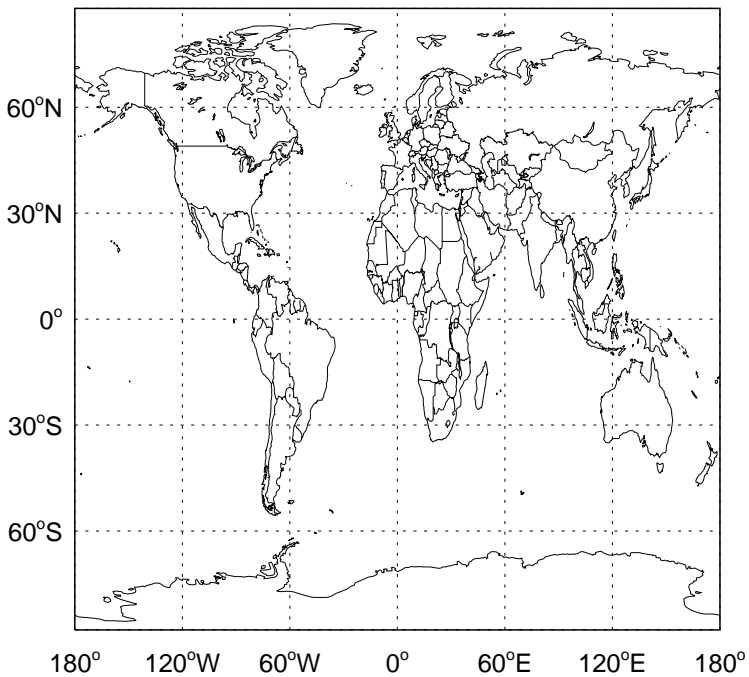
v11-02a - v11-01-public-Run0

BrO - Diff @ 500 hPa for Jul



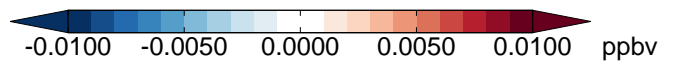
v11-02a - v11-01k-Run0

BrO - Diff @ Surface for Jul



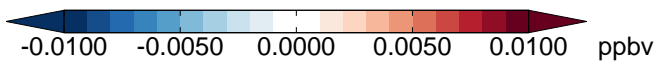
v11-02a - v11-01k-Run0

BrO - Diff @ 500 hPa for Jul

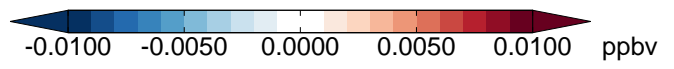


# GEOS-Chem Difference Maps at surface and 500 hPa

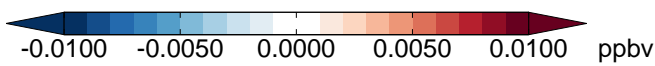
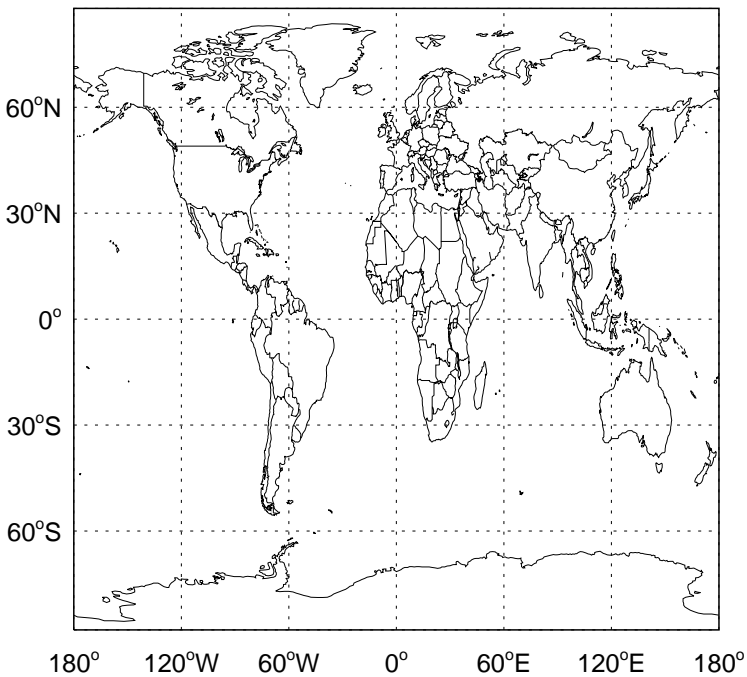
v11-02a - v11-01-public-Run0  
HOBr - Diff @ Surface for Jul



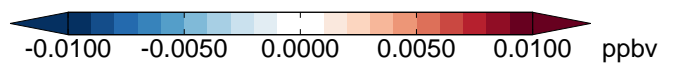
v11-02a - v11-01-public-Run0  
HOBr- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HOBr - Diff @ Surface for Jul



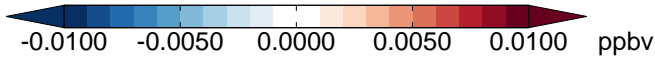
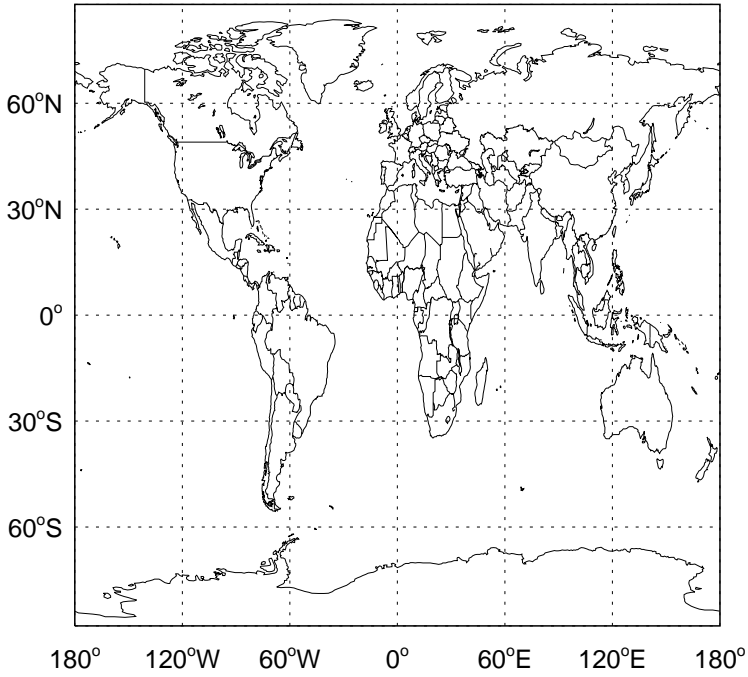
v11-02a - v11-01k-Run0  
HOBr- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

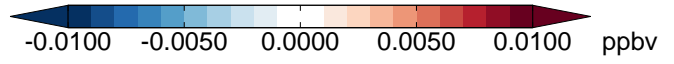
v11-02a - v11-01-public-Run0

HBr - Diff @ Surface for Jul



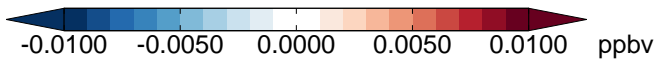
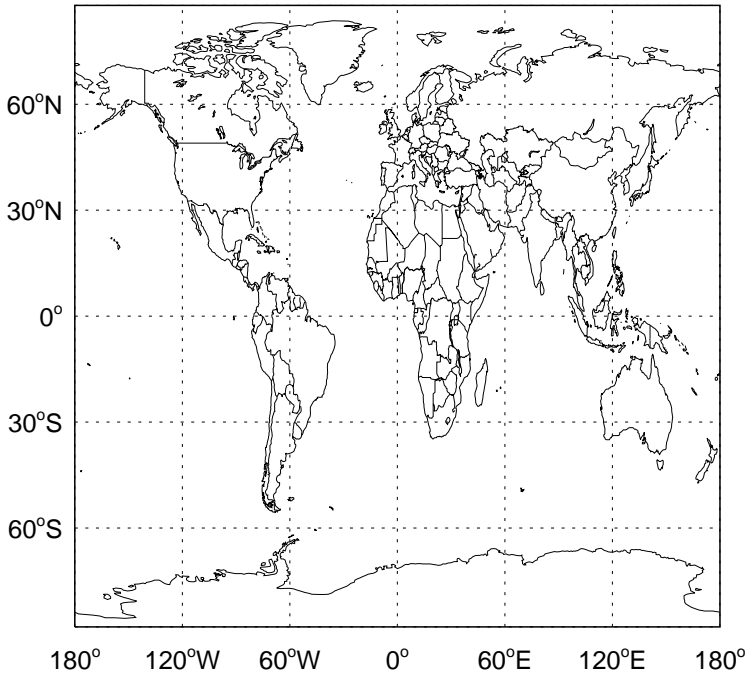
v11-02a - v11-01-public-Run0

HBr - Diff @ 500 hPa for Jul



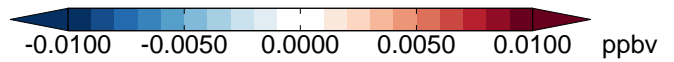
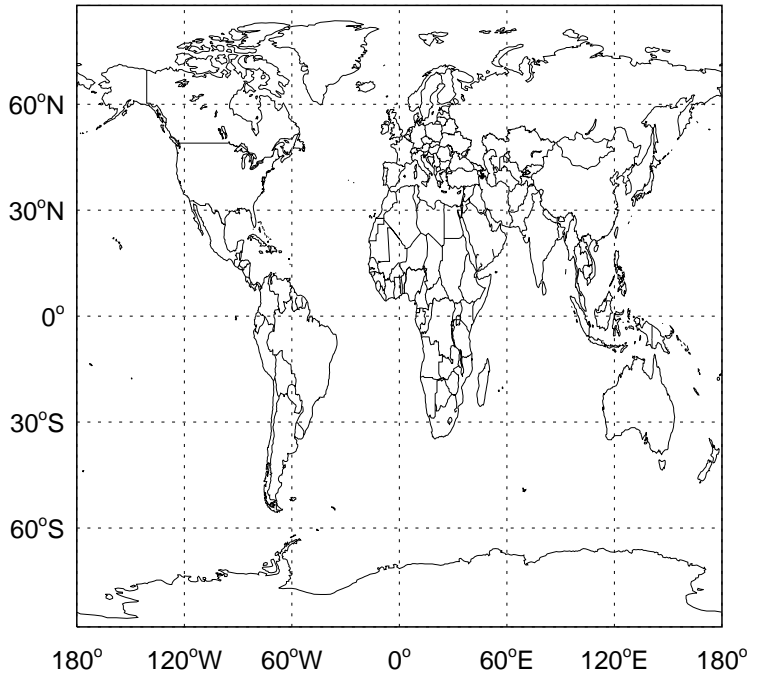
v11-02a - v11-01k-Run0

HBr - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

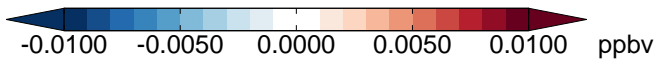
HBr - Diff @ 500 hPa for Jul



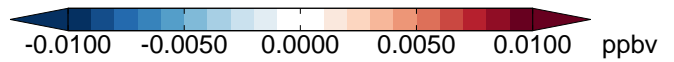


# GEOS-Chem Difference Maps at surface and 500 hPa

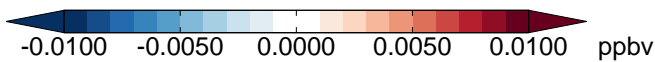
v11-02a - v11-01-public-Run0  
BrNO2 - Diff @ Surface for Jul



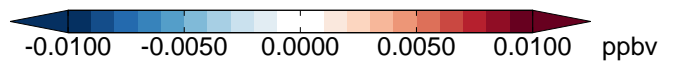
v11-02a - v11-01-public-Run0  
BrNO2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
BrNO2 - Diff @ Surface for Jul

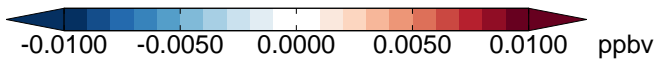


v11-02a - v11-01k-Run0  
BrNO2- Diff @ 500 hPa for Jul

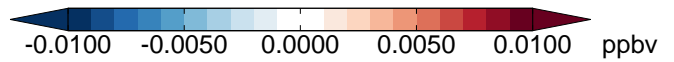


# GEOS-Chem Difference Maps at surface and 500 hPa

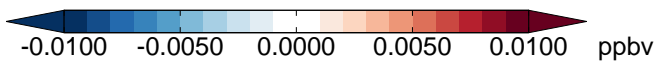
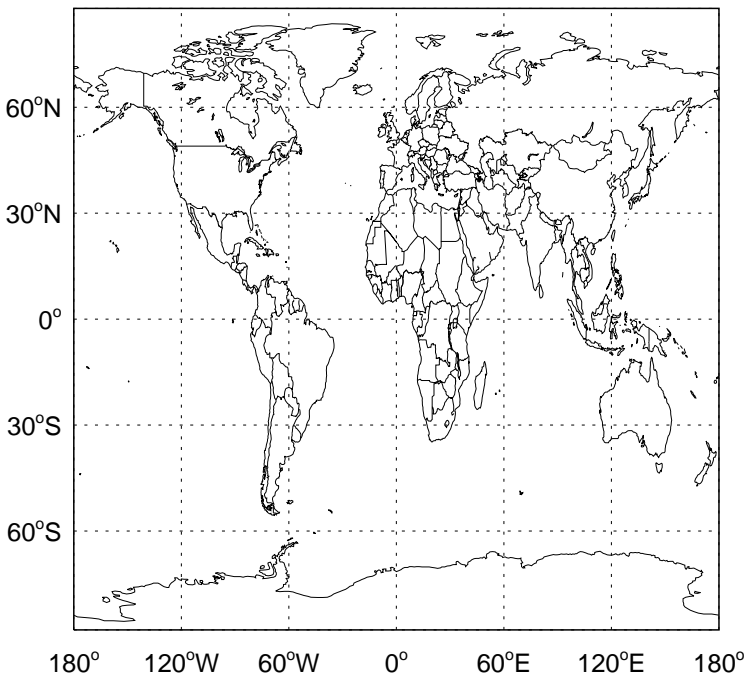
v11-02a - v11-01-public-Run0  
BrNO3 - Diff @ Surface for Jul



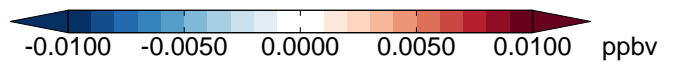
v11-02a - v11-01-public-Run0  
BrNO3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
BrNO3 - Diff @ Surface for Jul

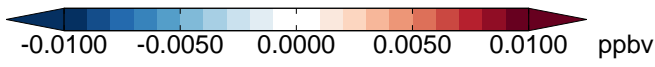


v11-02a - v11-01k-Run0  
BrNO3- Diff @ 500 hPa for Jul

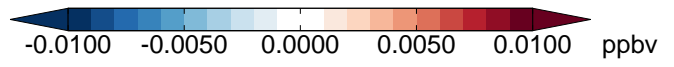


# GEOS-Chem Difference Maps at surface and 500 hPa

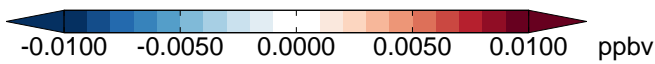
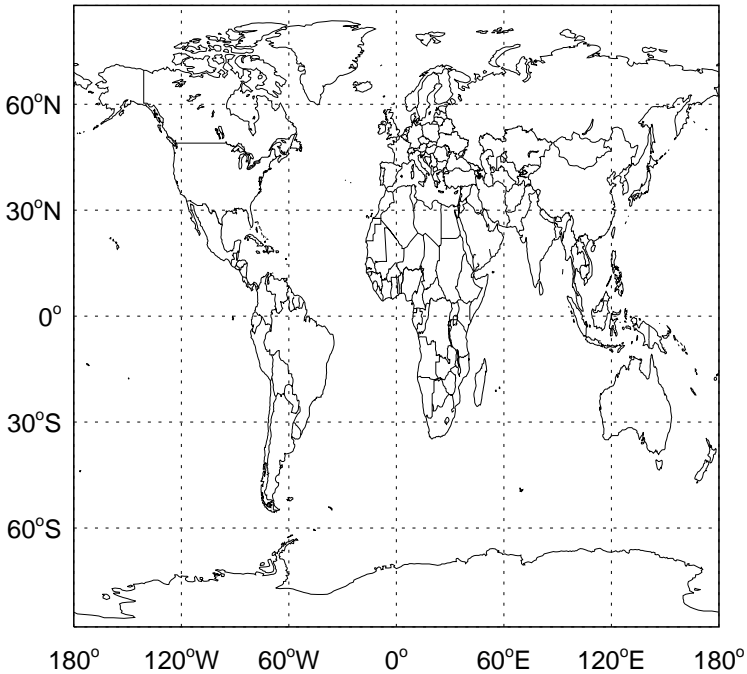
v11-02a - v11-01-public-Run0  
CHBr3 - Diff @ Surface for Jul



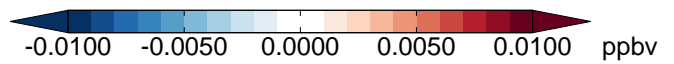
v11-02a - v11-01-public-Run0  
CHBr3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CHBr3 - Diff @ Surface for Jul

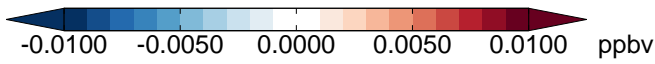


v11-02a - v11-01k-Run0  
CHBr3- Diff @ 500 hPa for Jul

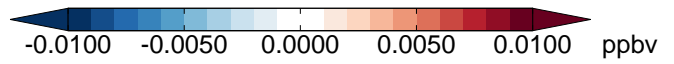


# GEOS-Chem Difference Maps at surface and 500 hPa

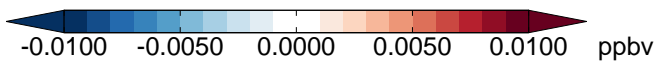
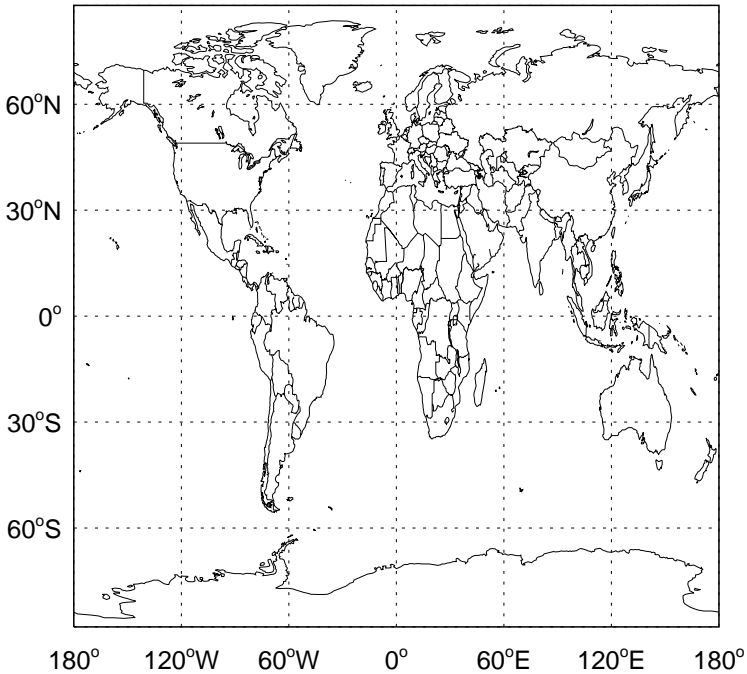
v11-02a - v11-01-public-Run0  
CH2Br2 - Diff @ Surface for Jul



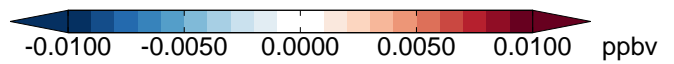
v11-02a - v11-01-public-Run0  
CH2Br2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CH2Br2 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
CH2Br2- Diff @ 500 hPa for Jul

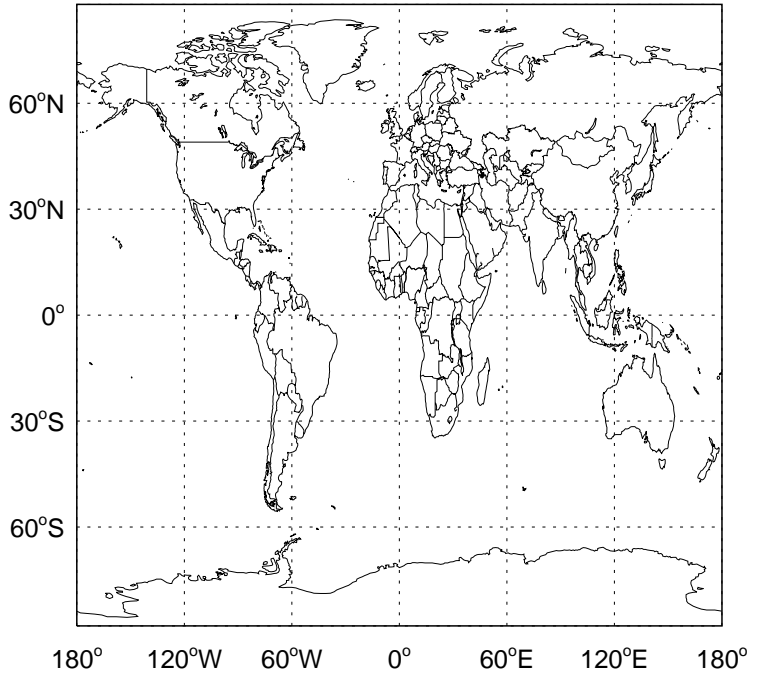


# GEOS-Chem Difference Maps at surface and 500 hPa

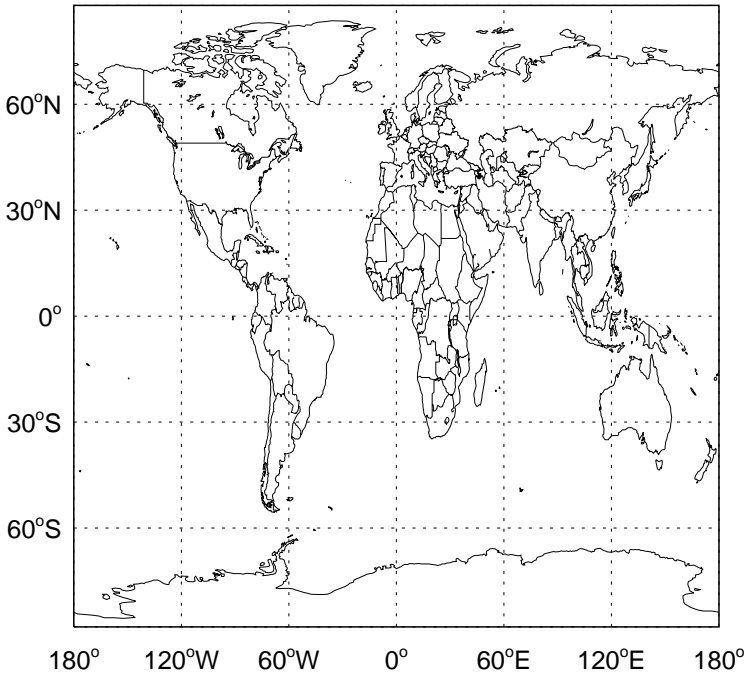
v11-02a - v11-01-public-Run0  
CH3Br - Diff @ Surface for Jul



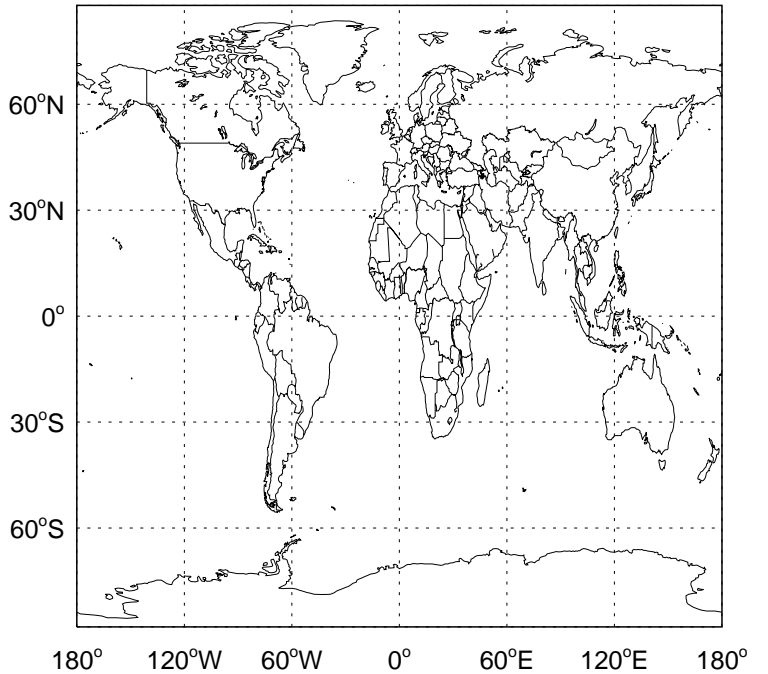
v11-02a - v11-01-public-Run0  
CH3Br- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CH3Br - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
CH3Br- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

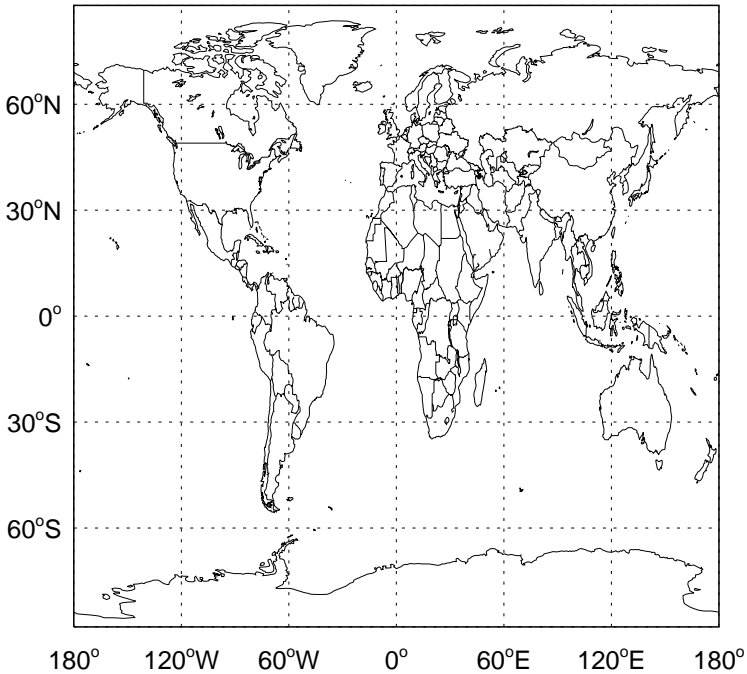
v11-02a - v11-01-public-Run0  
MPN - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
MPN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MPN - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
MPN- Diff @ 500 hPa for Jul





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02a - v11-01-public-Run0  
ISOPND - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOPND- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOPND - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
ISOPND- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

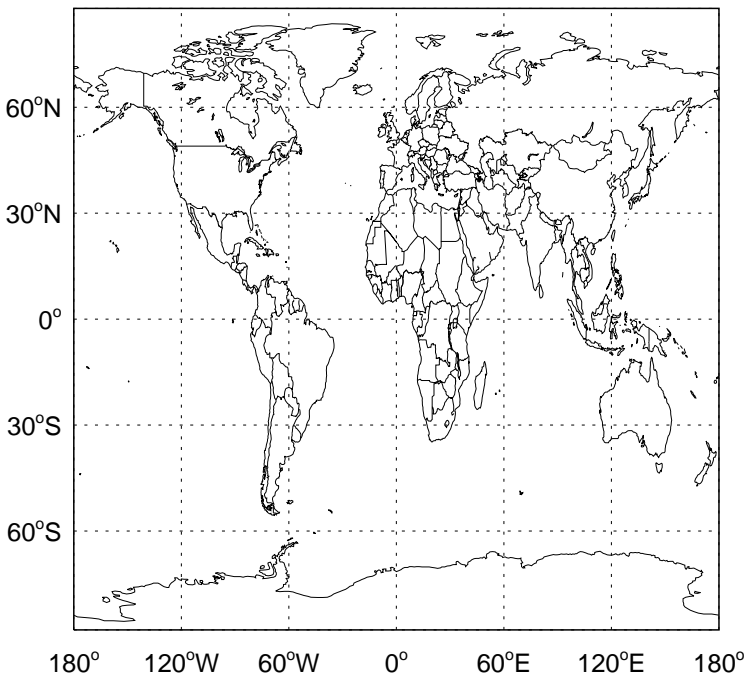
v11-02a - v11-01-public-Run0  
ISOPNB - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOPNB- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOPNB - Diff @ Surface for Jul

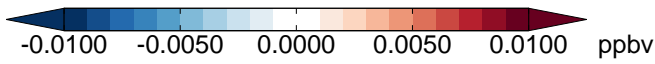


v11-02a - v11-01k-Run0  
ISOPNB- Diff @ 500 hPa for Jul

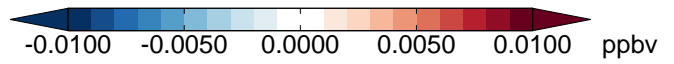


# GEOS-Chem Difference Maps at surface and 500 hPa

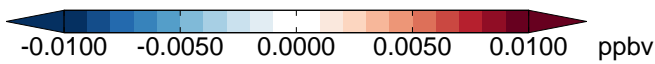
v11-02a - v11-01-public-Run0  
MOBA - Diff @ Surface for Jul



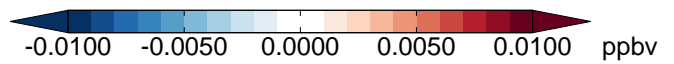
v11-02a - v11-01-public-Run0  
MOBA- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MOBA - Diff @ Surface for Jul

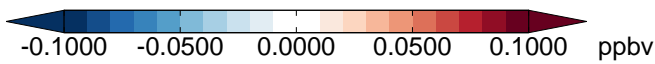
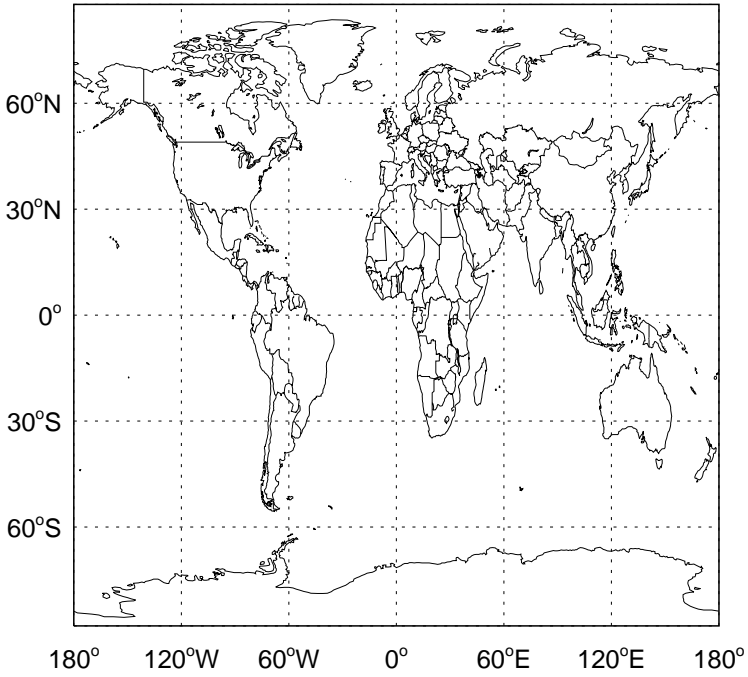


v11-02a - v11-01k-Run0  
MOBA- Diff @ 500 hPa for Jul

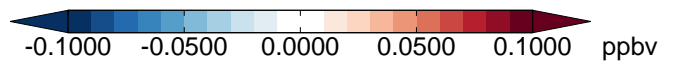


# GEOS-Chem Difference Maps at surface and 500 hPa

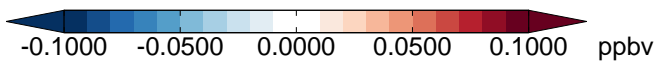
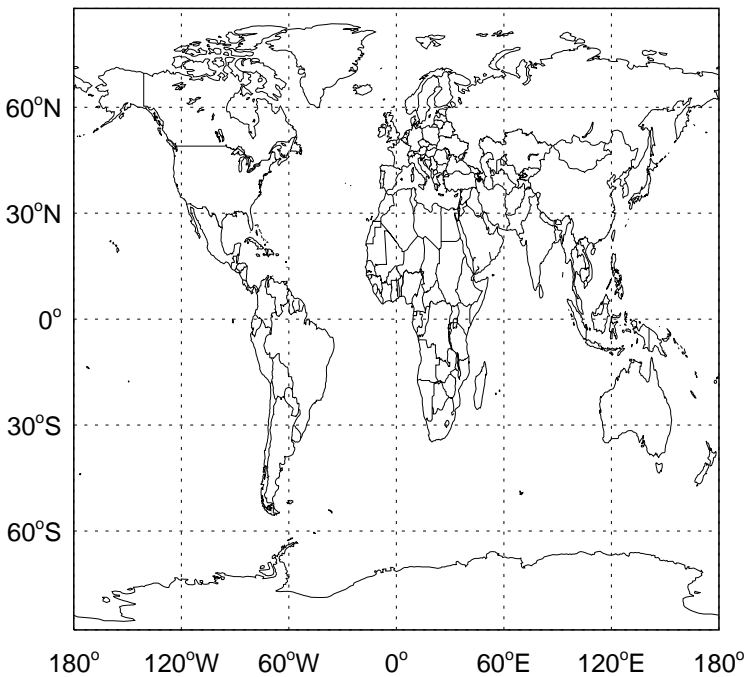
v11-02a - v11-01-public-Run0  
PROPNN - Diff @ Surface for Jul



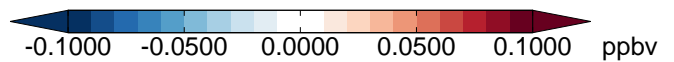
v11-02a - v11-01-public-Run0  
PROPNN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
PROPNN - Diff @ Surface for Jul

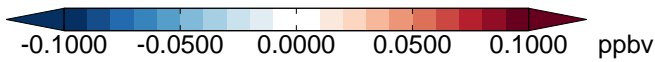
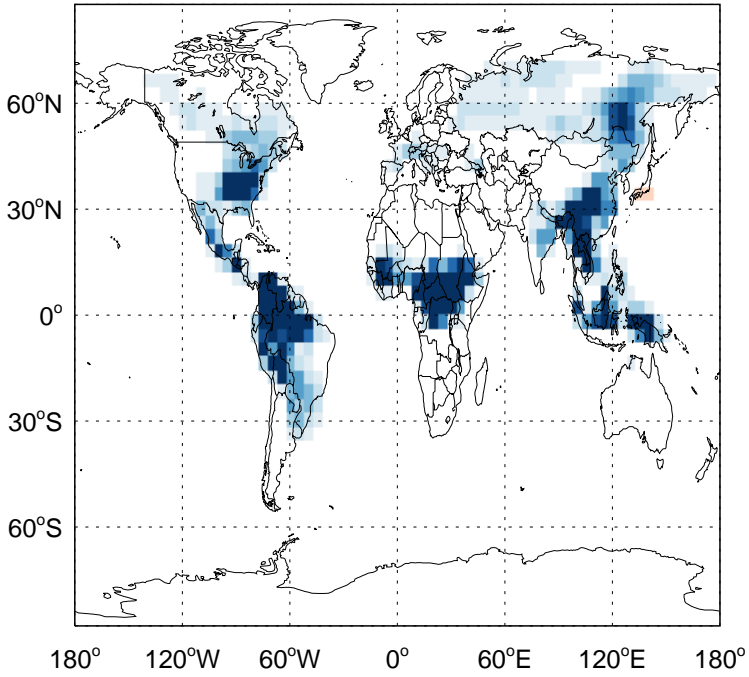


v11-02a - v11-01k-Run0  
PROPNN- Diff @ 500 hPa for Jul

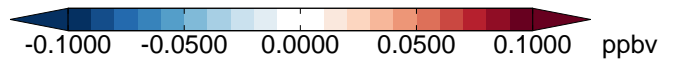
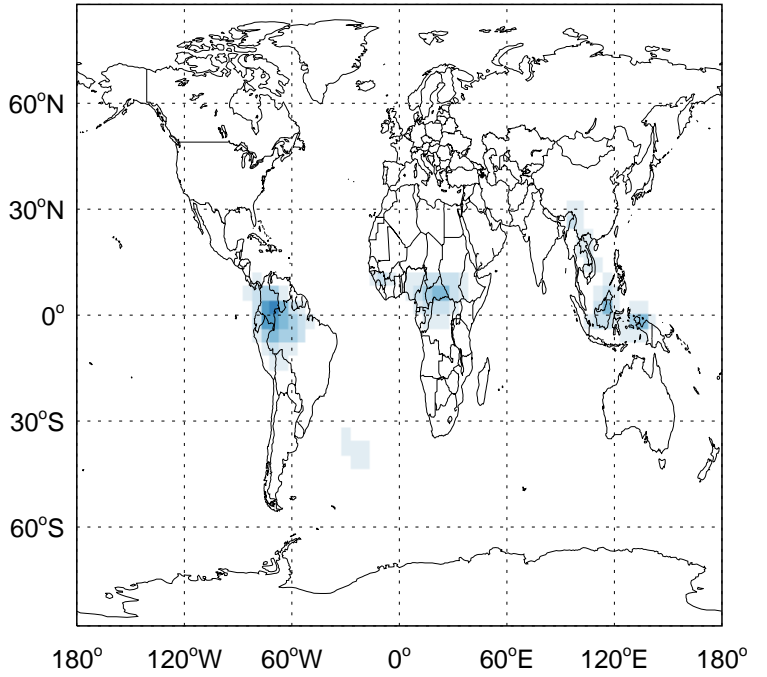


# GEOS-Chem Difference Maps at surface and 500 hPa

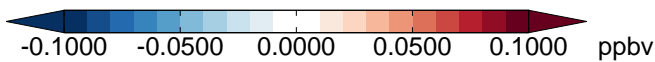
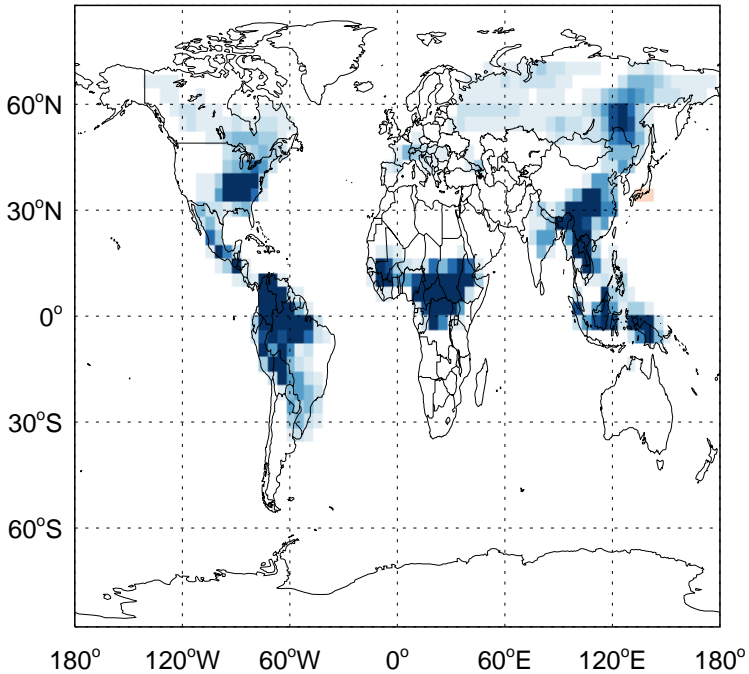
v11-02a - v11-01-public-Run0  
HAC - Diff @ Surface for Jul



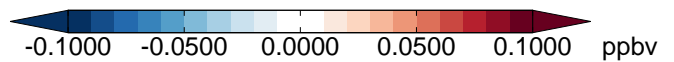
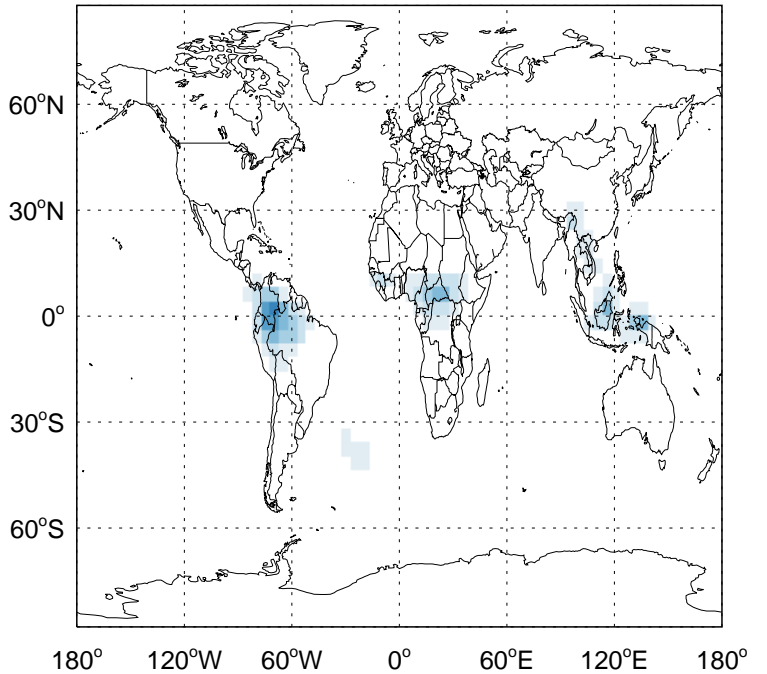
v11-02a - v11-01-public-Run0  
HAC - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HAC - Diff @ Surface for Jul

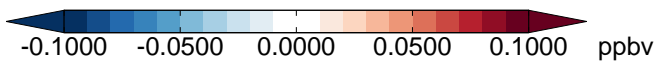
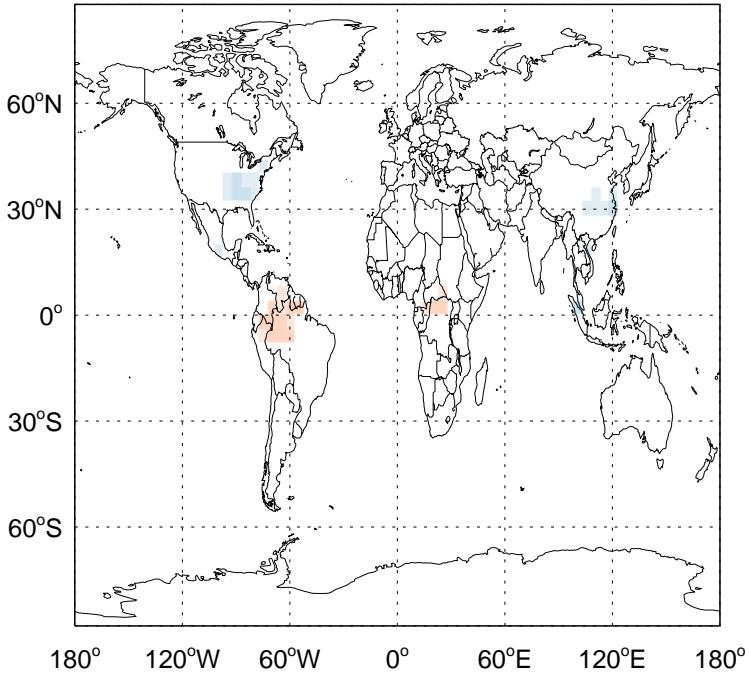


v11-02a - v11-01k-Run0  
HAC - Diff @ 500 hPa for Jul

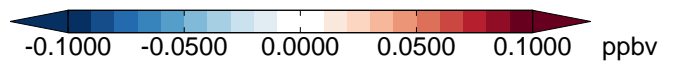


# GEOS-Chem Difference Maps at surface and 500 hPa

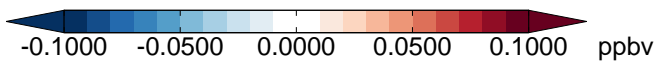
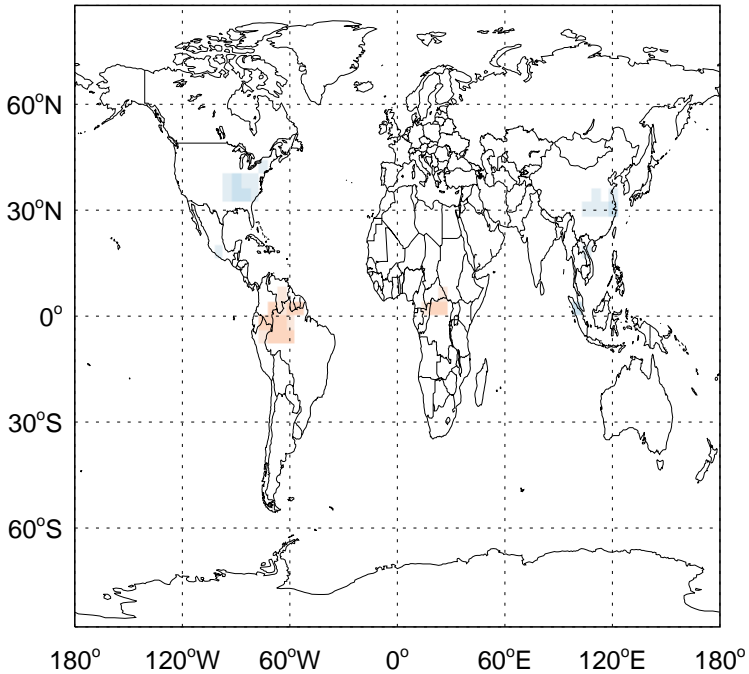
v11-02a - v11-01-public-Run0  
GLYC - Diff @ Surface for Jul



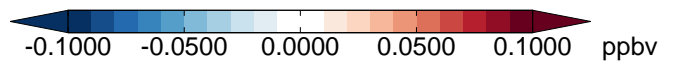
v11-02a - v11-01-public-Run0  
GLYC- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
GLYC - Diff @ Surface for Jul

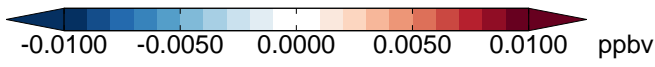
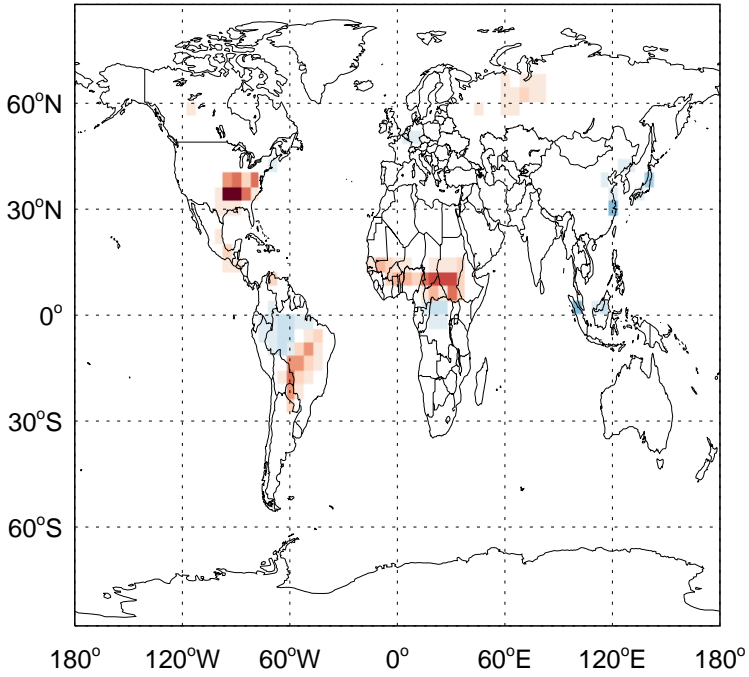


v11-02a - v11-01k-Run0  
GLYC- Diff @ 500 hPa for Jul

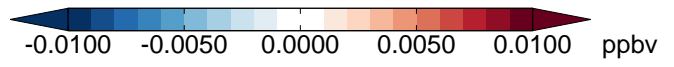


# GEOS-Chem Difference Maps at surface and 500 hPa

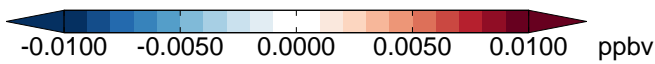
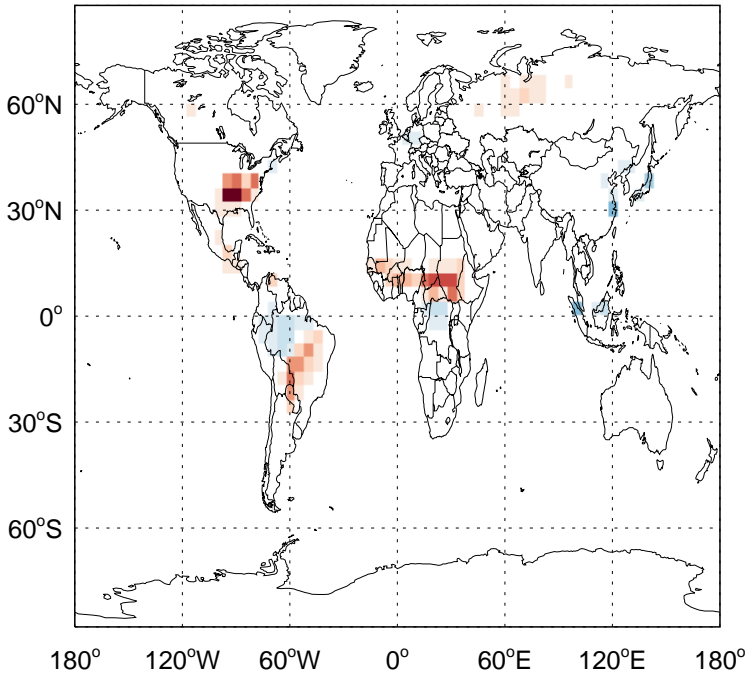
v11-02a - v11-01-public-Run0  
MVKN - Diff @ Surface for Jul



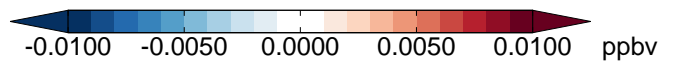
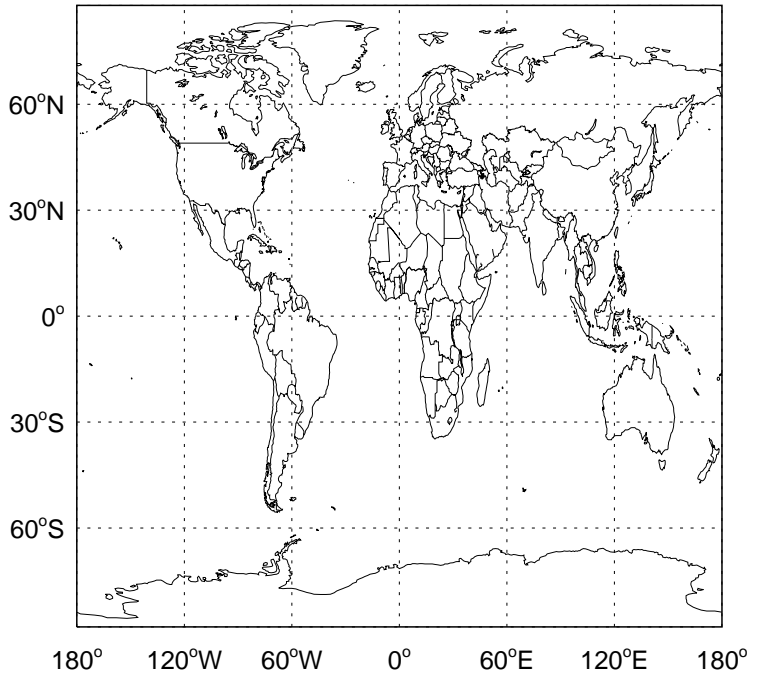
v11-02a - v11-01-public-Run0  
MVKN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MVKN - Diff @ Surface for Jul



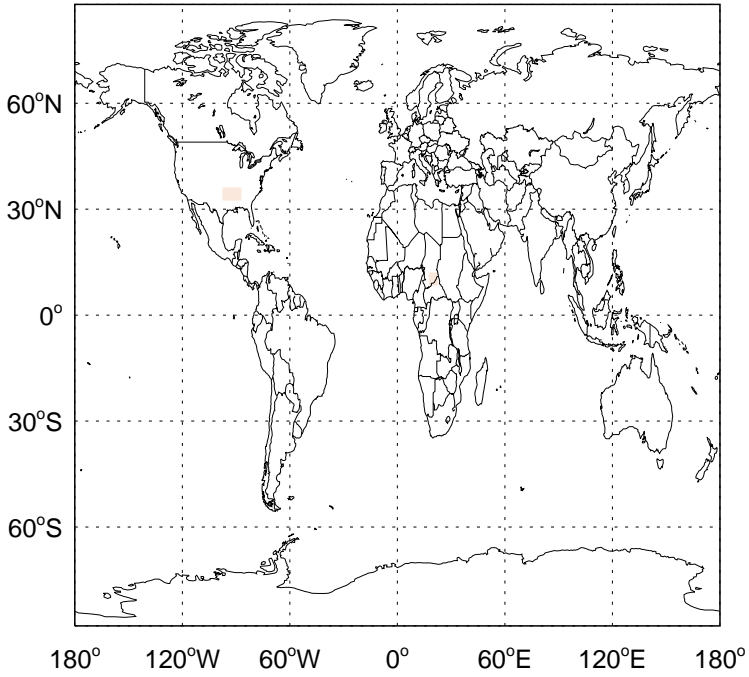
v11-02a - v11-01k-Run0  
MVKN- Diff @ 500 hPa for Jul



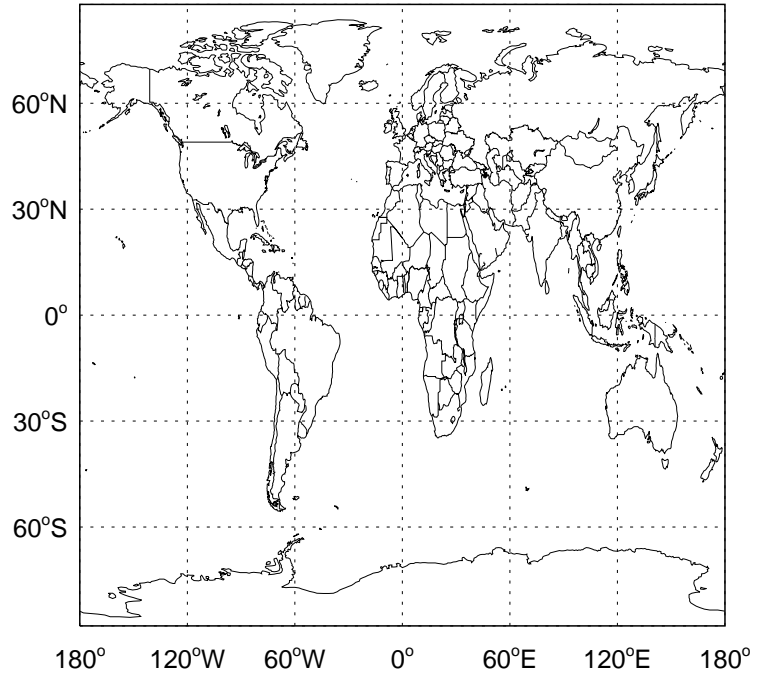


# GEOS-Chem Difference Maps at surface and 500 hPa

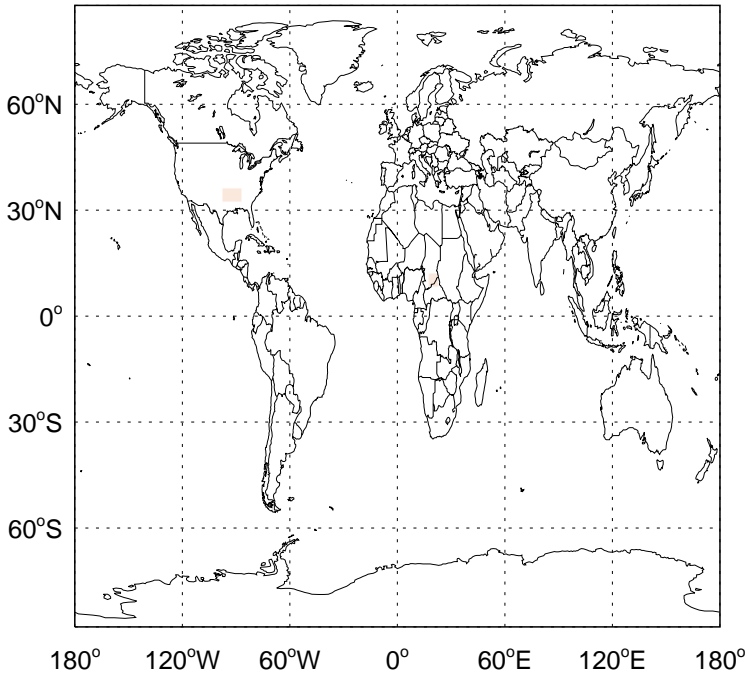
v11-02a - v11-01-public-Run0  
MACRN - Diff @ Surface for Jul



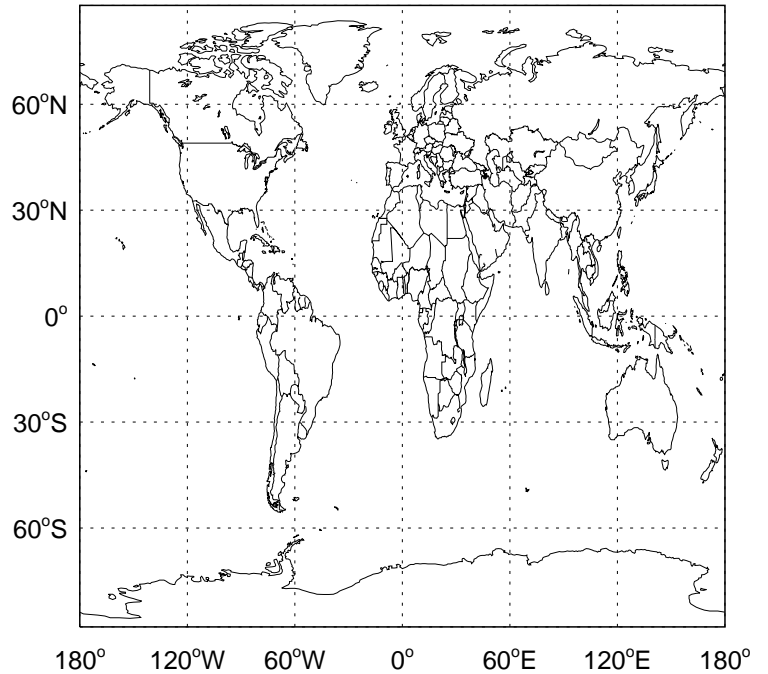
v11-02a - v11-01-public-Run0  
MACRN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MACRN - Diff @ Surface for Jul



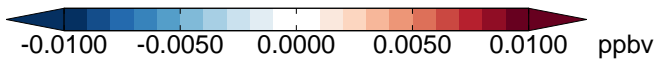
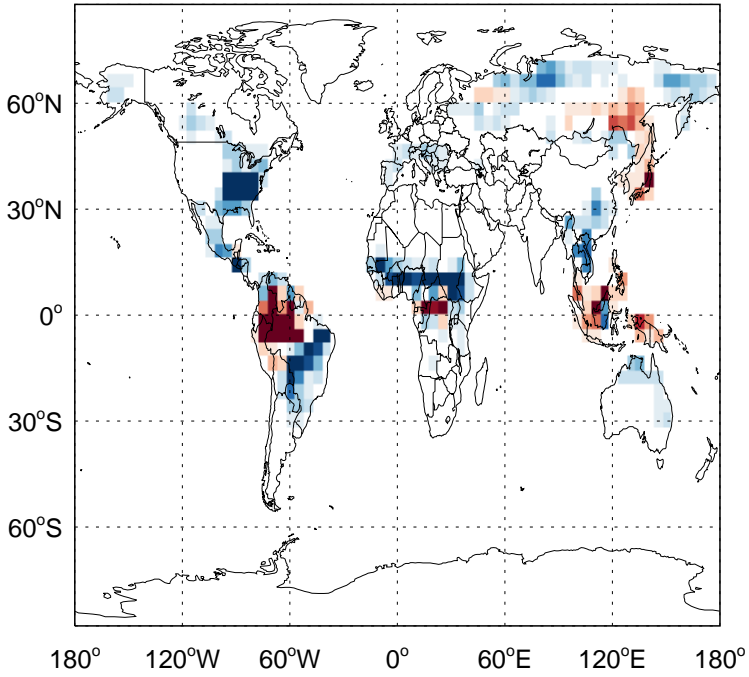
v11-02a - v11-01k-Run0  
MACRN- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

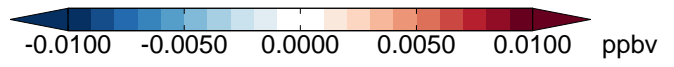
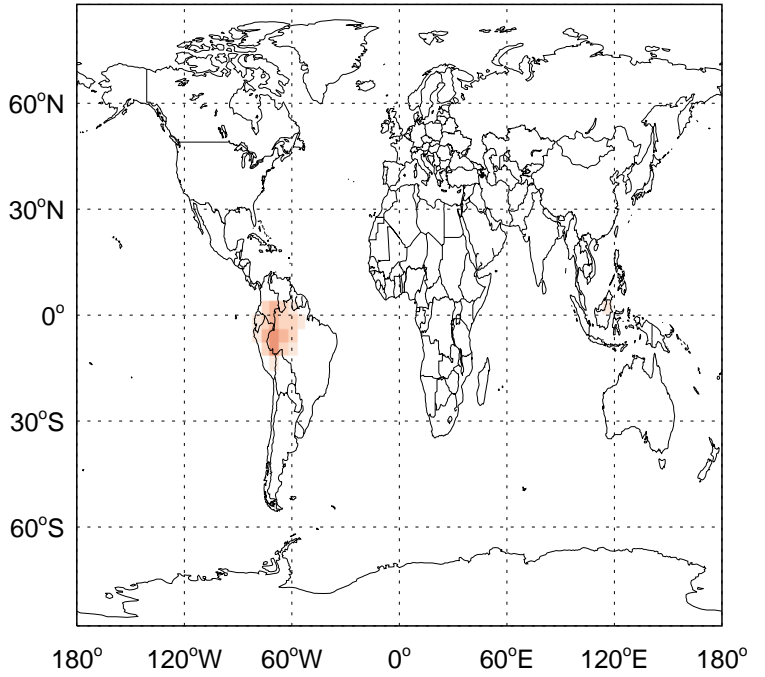
v11-02a - v11-01-public-Run0

RIP - Diff @ Surface for Jul



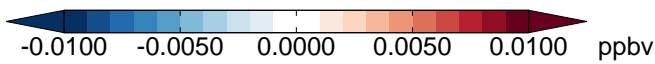
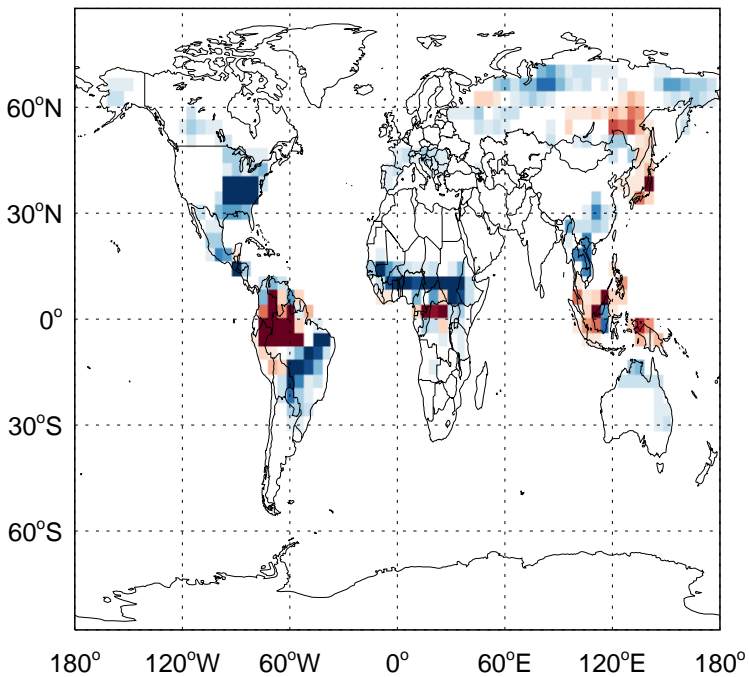
v11-02a - v11-01-public-Run0

RIP - Diff @ 500 hPa for Jul



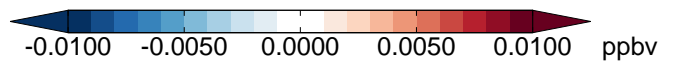
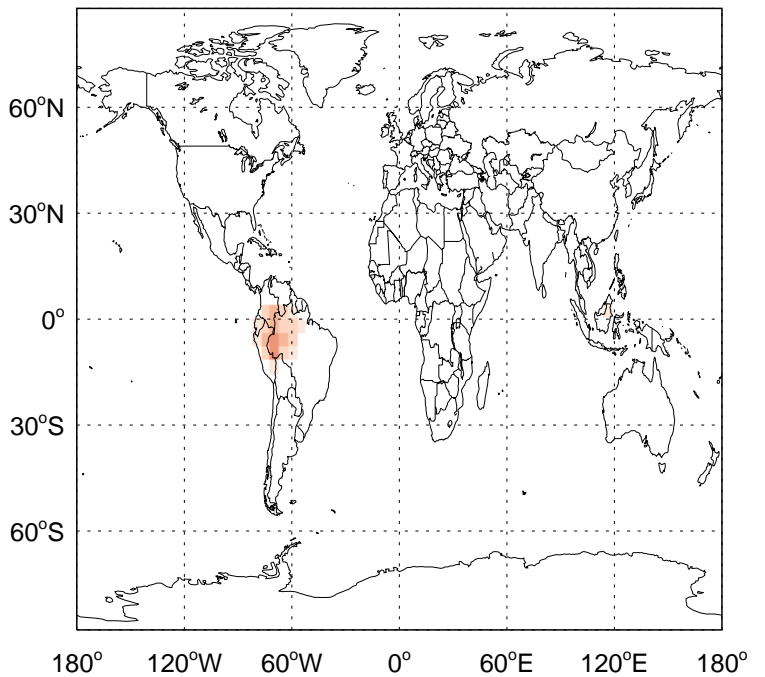
v11-02a - v11-01k-Run0

RIP - Diff @ Surface for Jul



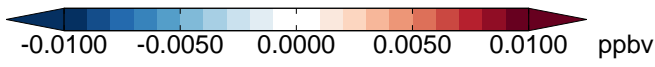
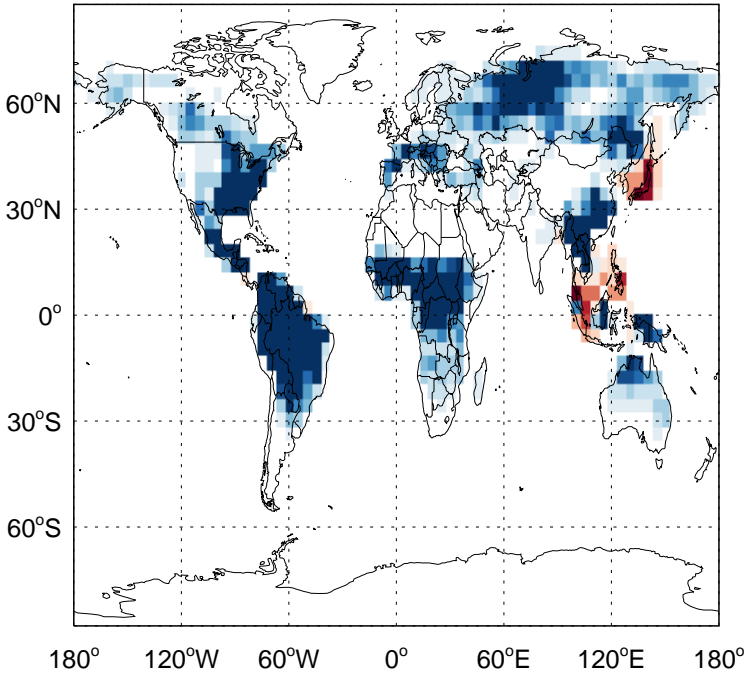
v11-02a - v11-01k-Run0

RIP - Diff @ 500 hPa for Jul

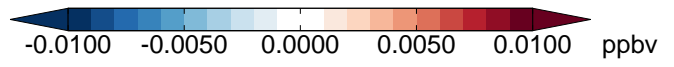
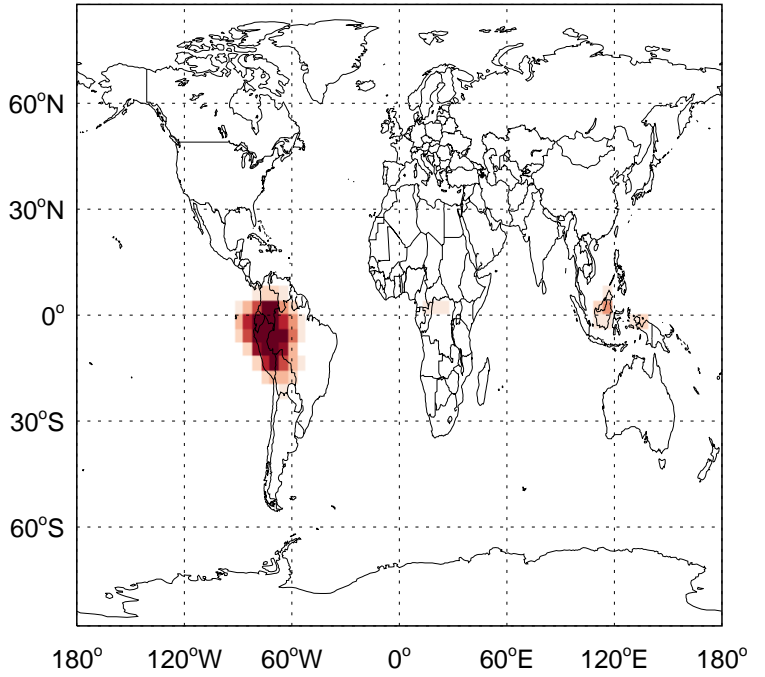


# GEOS-Chem Difference Maps at surface and 500 hPa

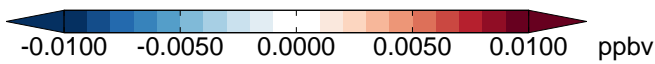
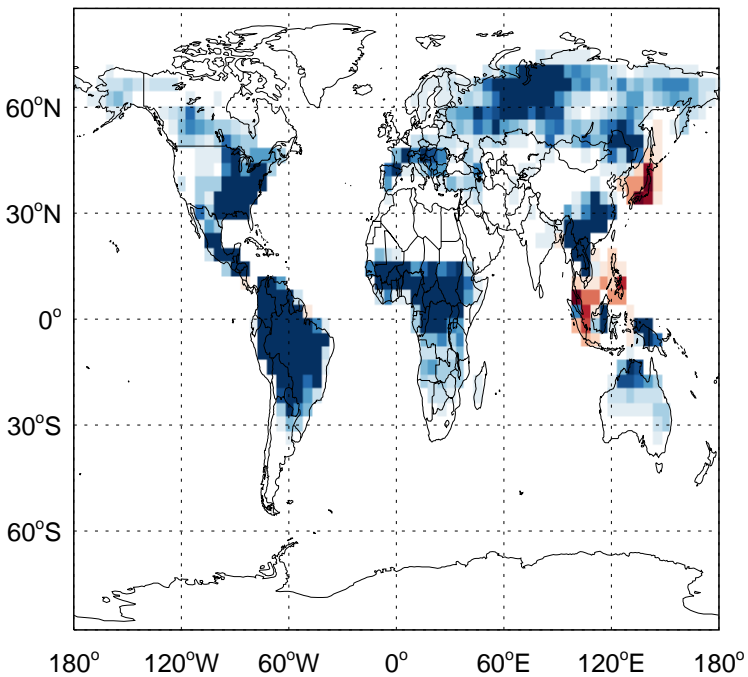
v11-02a - v11-01-public-Run0  
IEPOX - Diff @ Surface for Jul



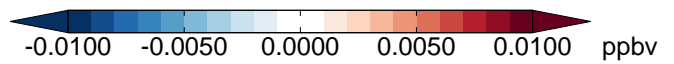
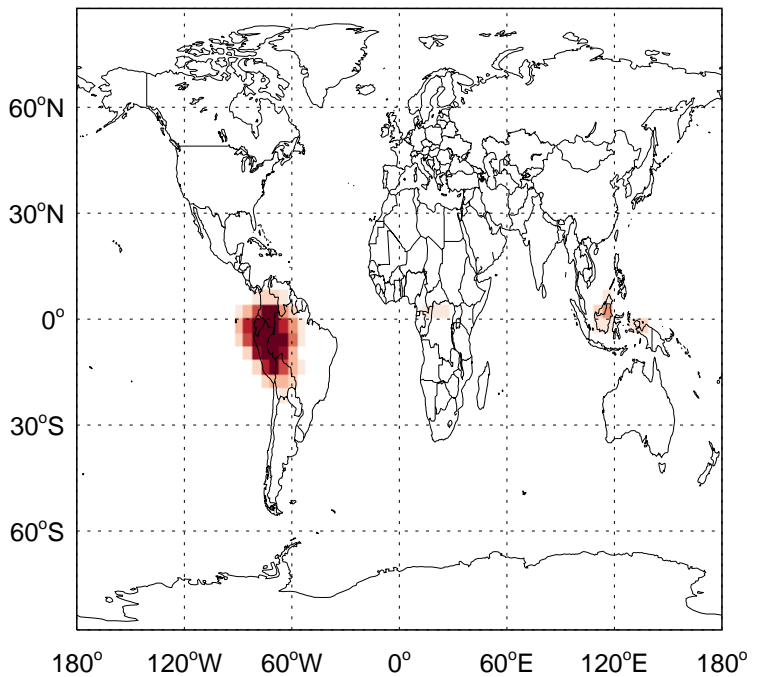
v11-02a - v11-01-public-Run0  
IEPOX- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
IEPOX - Diff @ Surface for Jul

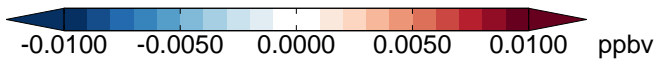
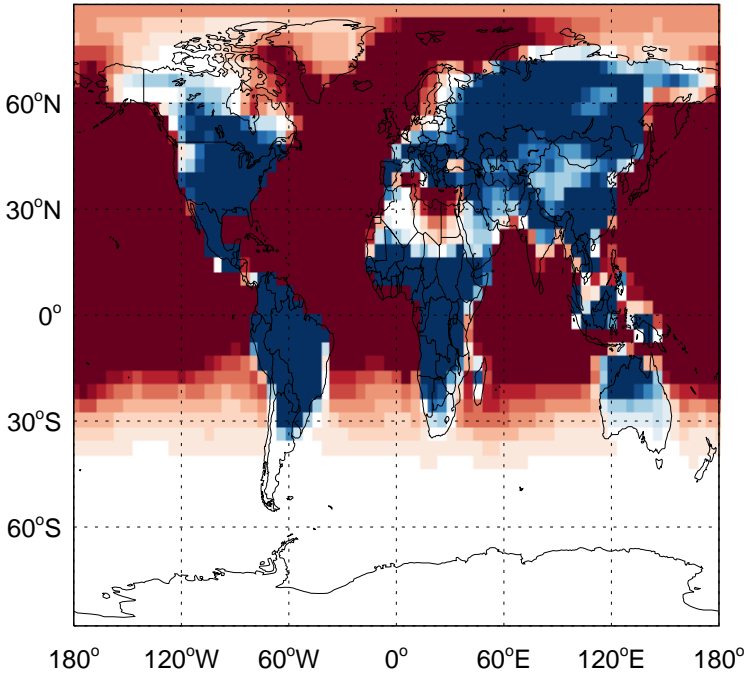


v11-02a - v11-01k-Run0  
IEPOX- Diff @ 500 hPa for Jul

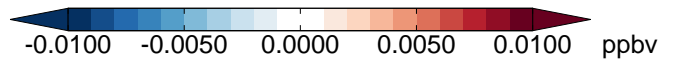
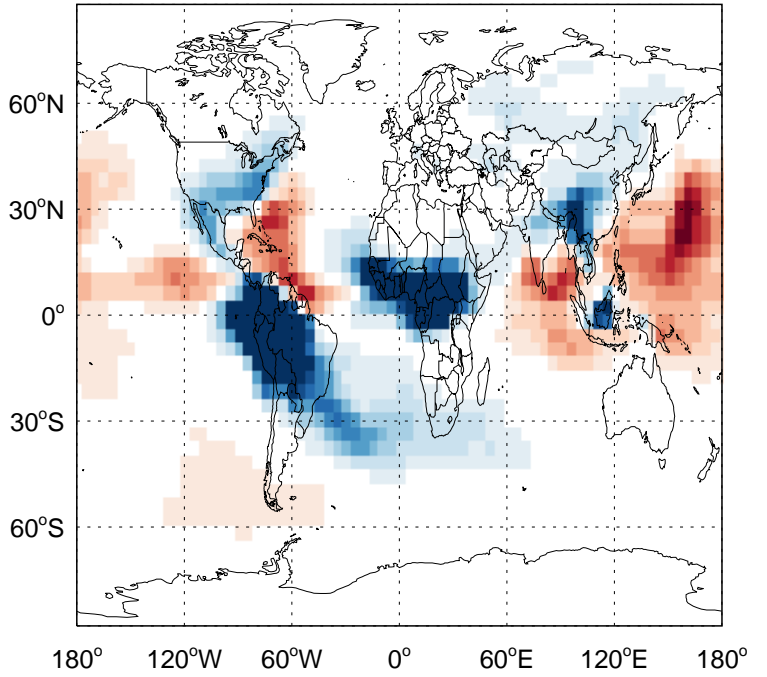


# GEOS-Chem Difference Maps at surface and 500 hPa

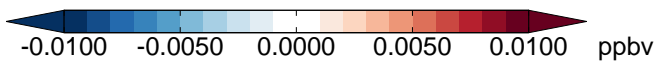
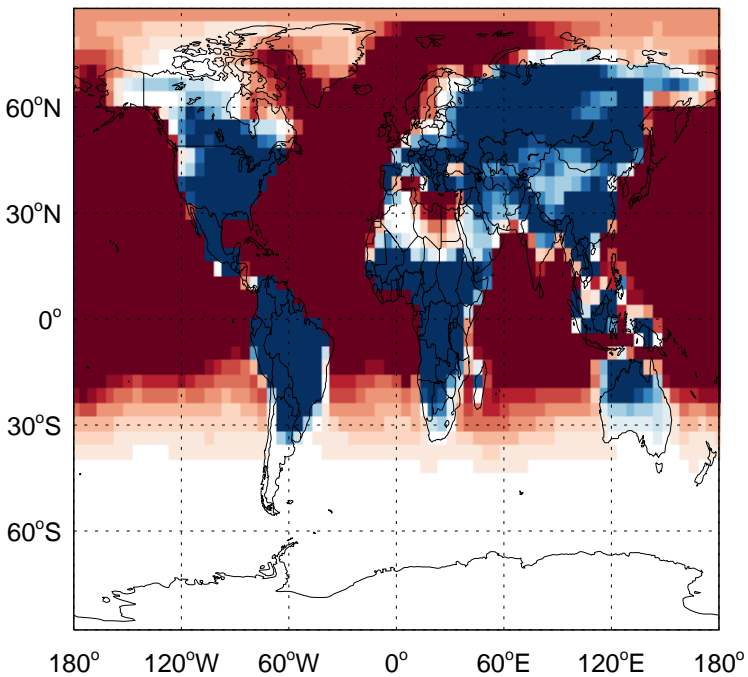
v11-02a - v11-01-public-Run0  
MAP - Diff @ Surface for Jul



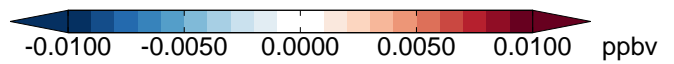
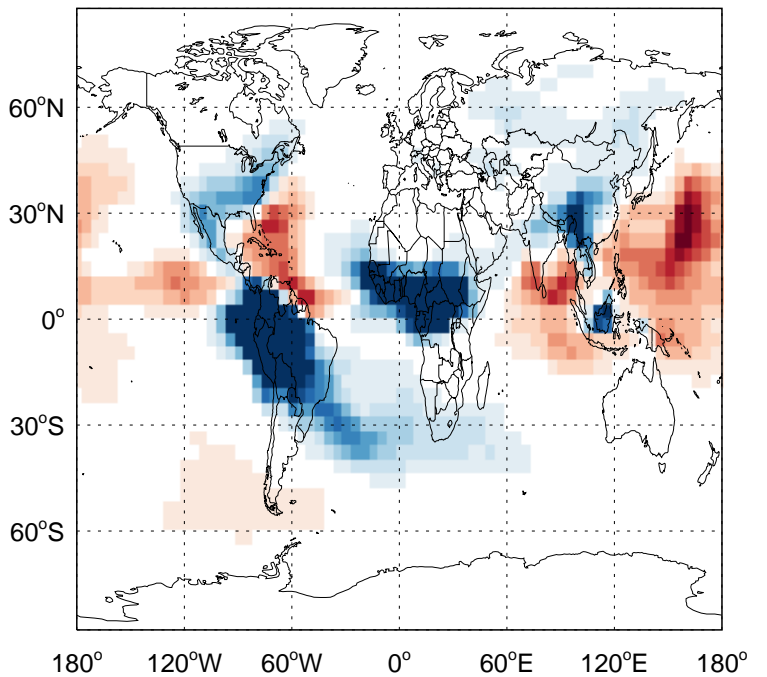
v11-02a - v11-01-public-Run0  
MAP- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MAP - Diff @ Surface for Jul

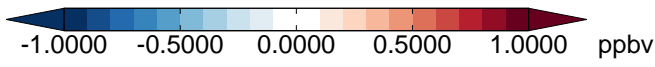
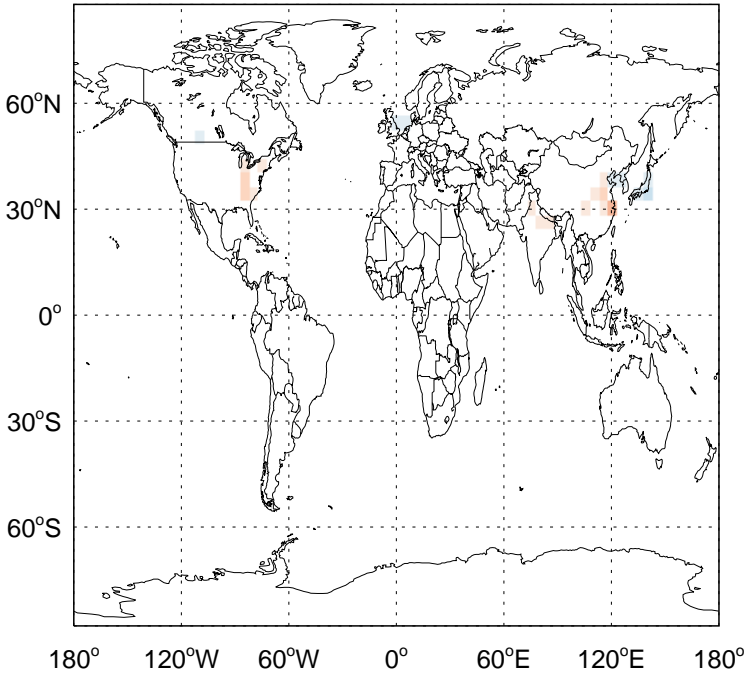


v11-02a - v11-01k-Run0  
MAP- Diff @ 500 hPa for Jul

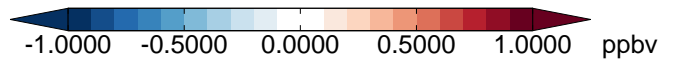


# GEOS-Chem Difference Maps at surface and 500 hPa

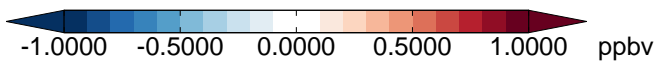
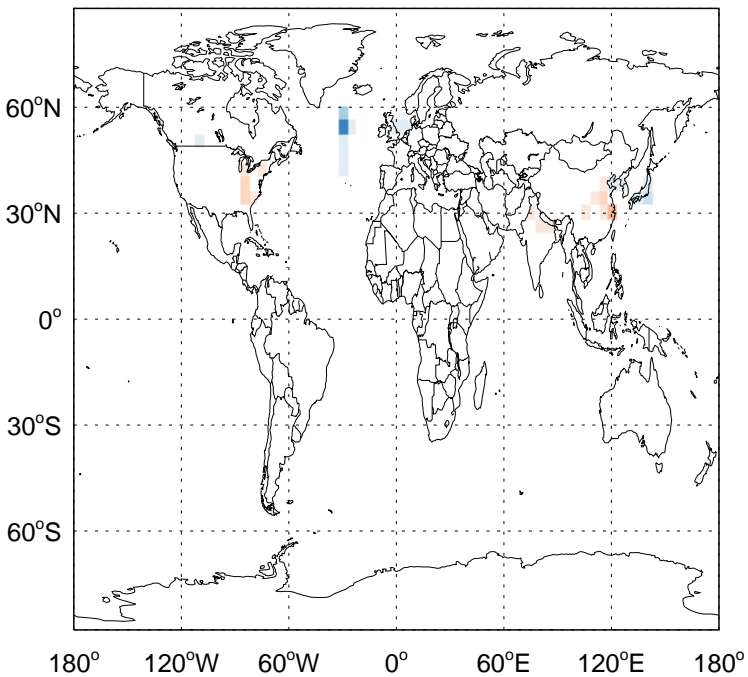
v11-02a - v11-01-public-Run0  
NO<sub>2</sub> - Diff @ Surface for Jul



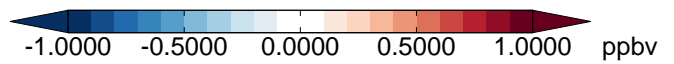
v11-02a - v11-01-public-Run0  
NO<sub>2</sub> - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
NO<sub>2</sub> - Diff @ Surface for Jul

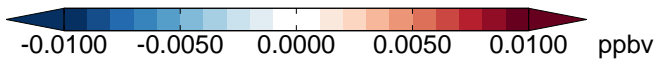
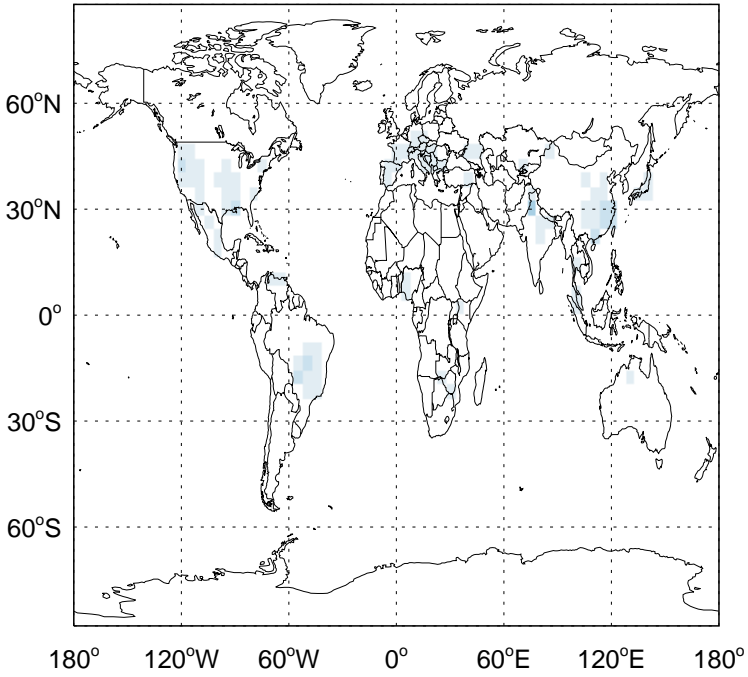


v11-02a - v11-01k-Run0  
NO<sub>2</sub> - Diff @ 500 hPa for Jul

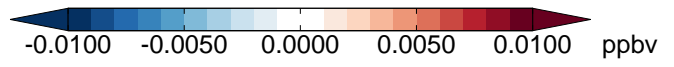


# GEOS-Chem Difference Maps at surface and 500 hPa

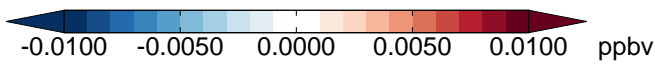
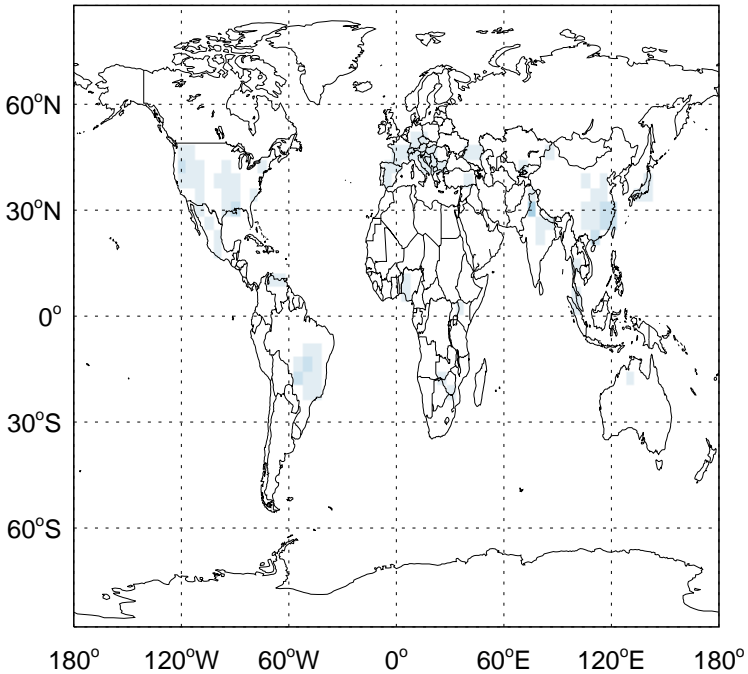
v11-02a - v11-01-public-Run0  
NO<sub>3</sub> - Diff @ Surface for Jul



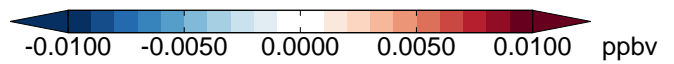
v11-02a - v11-01-public-Run0  
NO<sub>3</sub> - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
NO<sub>3</sub> - Diff @ Surface for Jul



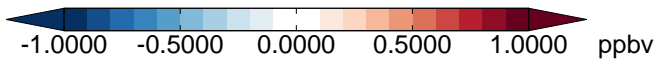
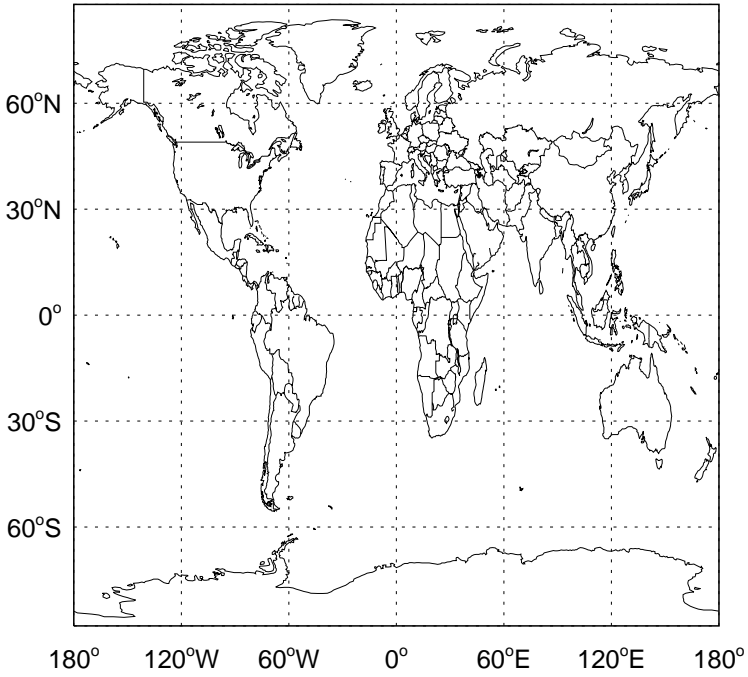
v11-02a - v11-01k-Run0  
NO<sub>3</sub> - Diff @ 500 hPa for Jul



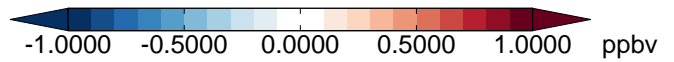


# GEOS-Chem Difference Maps at surface and 500 hPa

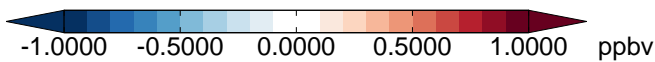
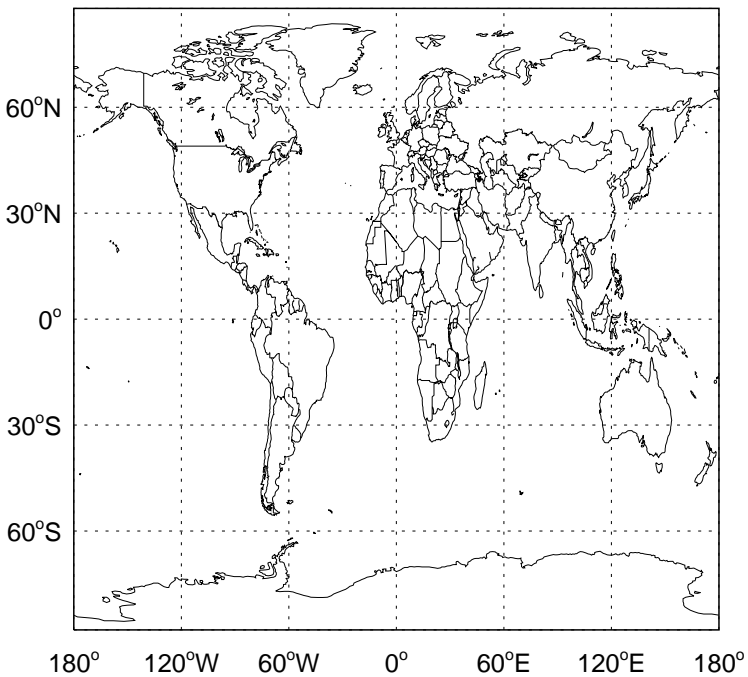
v11-02a - v11-01-public-Run0  
HNO<sub>2</sub> - Diff @ Surface for Jul



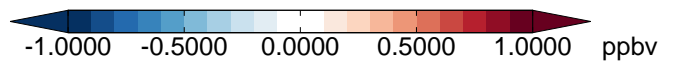
v11-02a - v11-01-public-Run0  
HNO<sub>2</sub>- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HNO<sub>2</sub> - Diff @ Surface for Jul



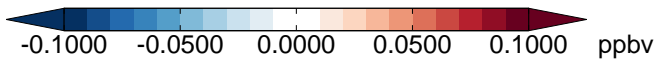
v11-02a - v11-01k-Run0  
HNO<sub>2</sub>- Diff @ 500 hPa for Jul



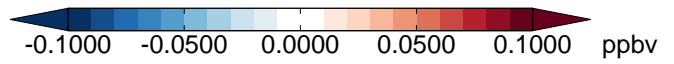


# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02a - v11-01-public-Run0  
N2O - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
N2O- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
N2O - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
N2O- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02a - v11-01-public-Run0

OCS - Diff @ Surface for Jul



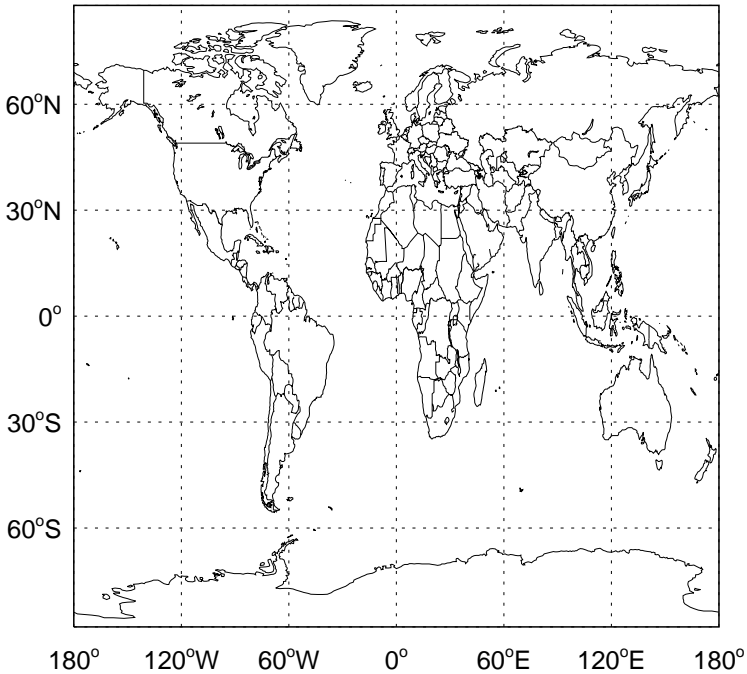
v11-02a - v11-01-public-Run0

OCS- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0

OCS - Diff @ Surface for Jul



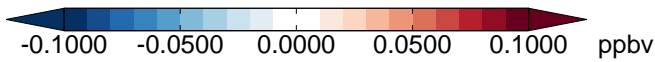
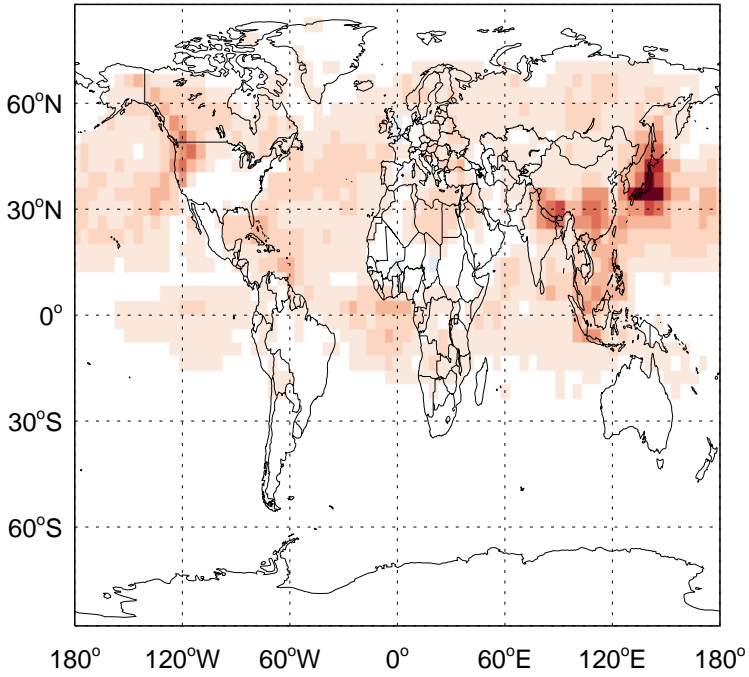
v11-02a - v11-01k-Run0

OCS- Diff @ 500 hPa for Jul

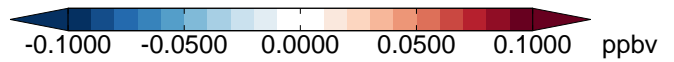
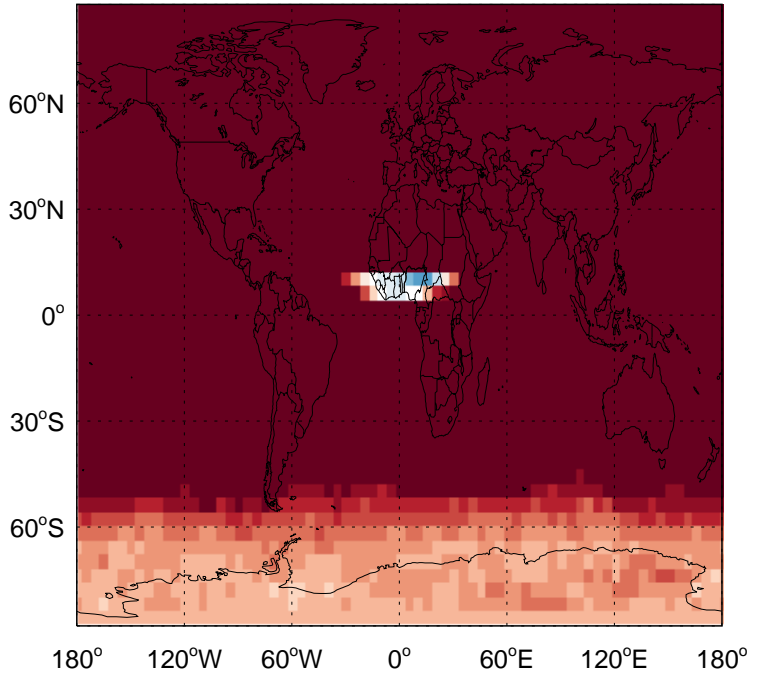


# GEOS-Chem Difference Maps at surface and 500 hPa

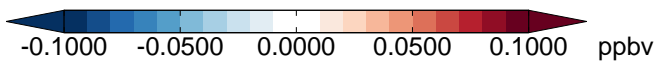
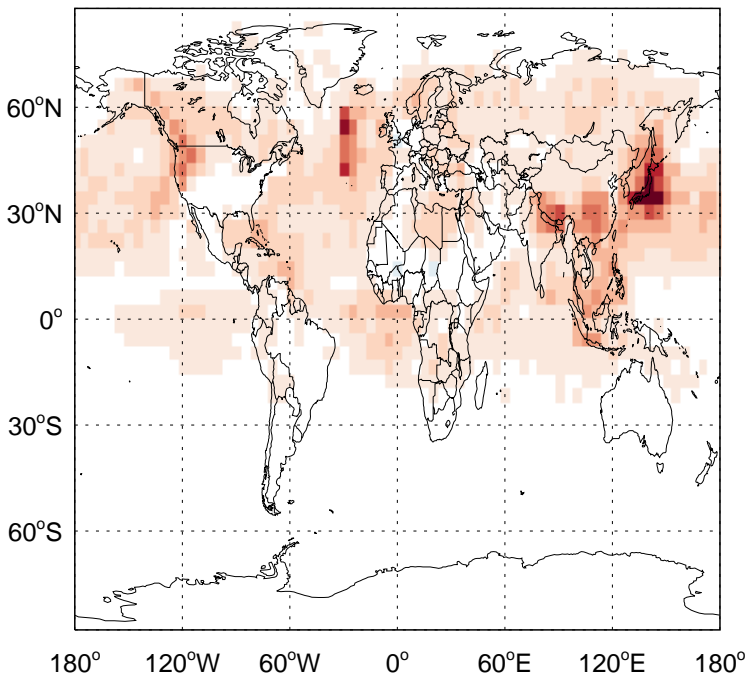
v11-02a - v11-01-public-Run0  
CH4 - Diff @ Surface for Jul



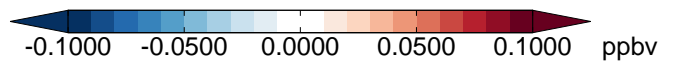
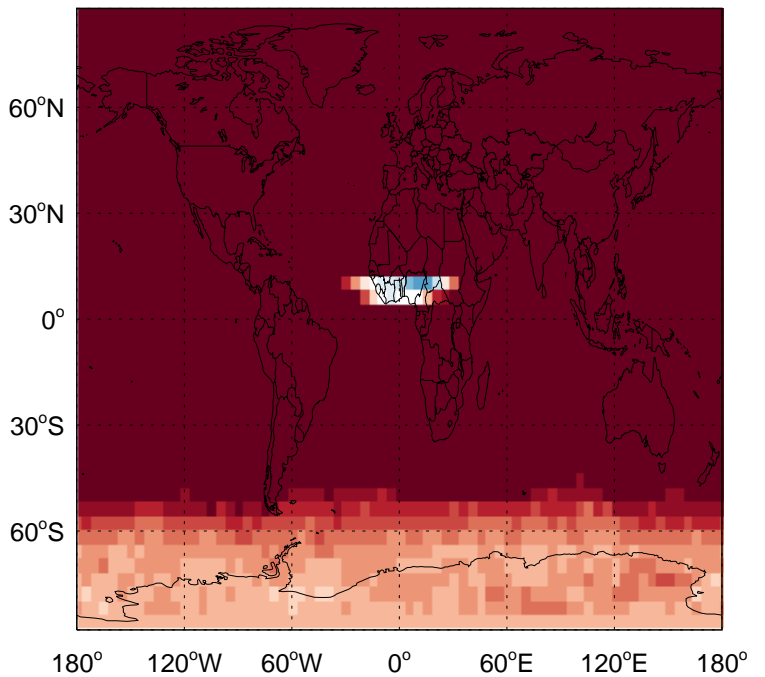
v11-02a - v11-01-public-Run0  
CH4- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CH4 - Diff @ Surface for Jul



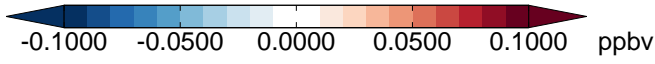
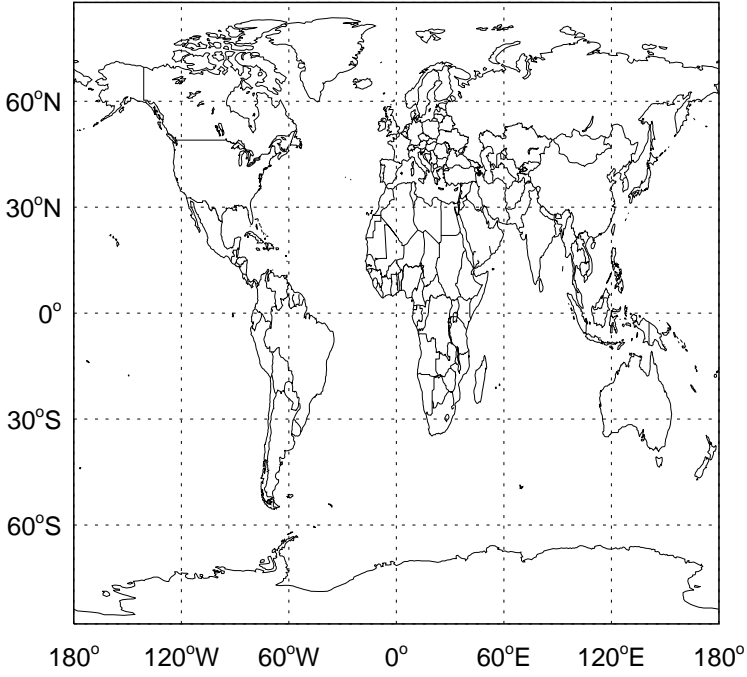
v11-02a - v11-01k-Run0  
CH4- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

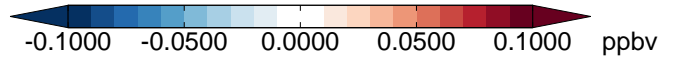
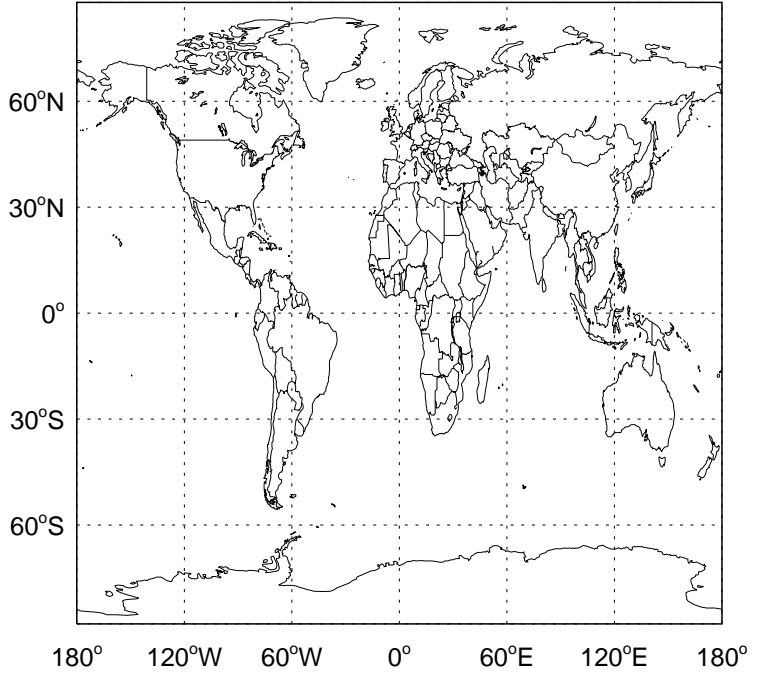
v11-02a - v11-01-public-Run0

BrCl - Diff @ Surface for Jul



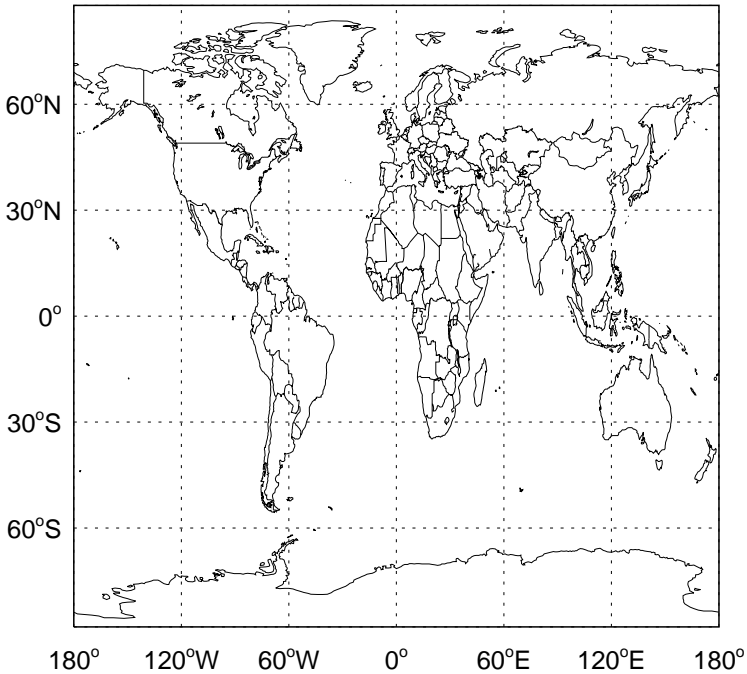
v11-02a - v11-01-public-Run0

BrCl - Diff @ 500 hPa for Jul



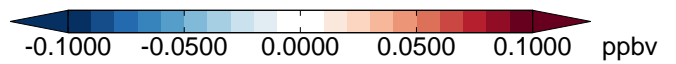
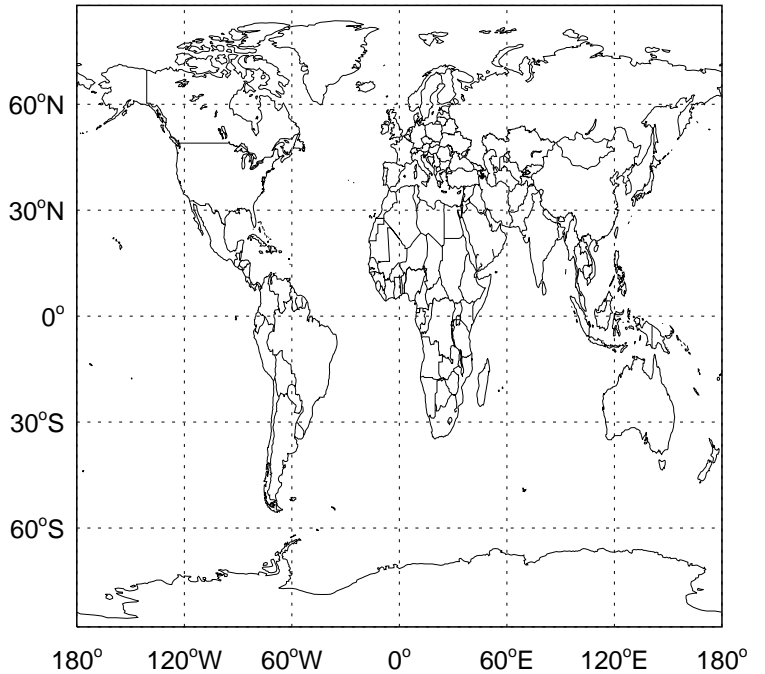
v11-02a - v11-01k-Run0

BrCl - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

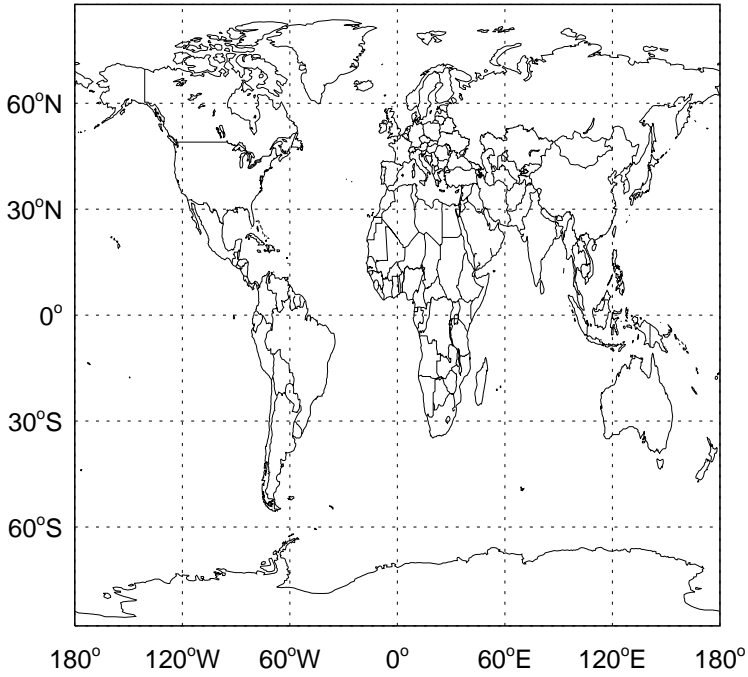
BrCl - Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02a - v11-01-public-Run0

HCl - Diff @ Surface for Jul



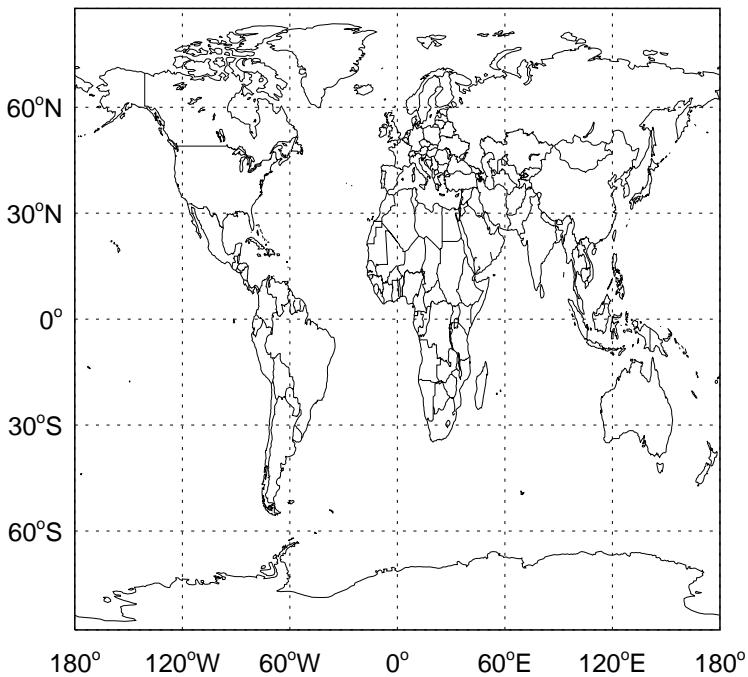
v11-02a - v11-01-public-Run0

HCl - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0

HCl - Diff @ Surface for Jul



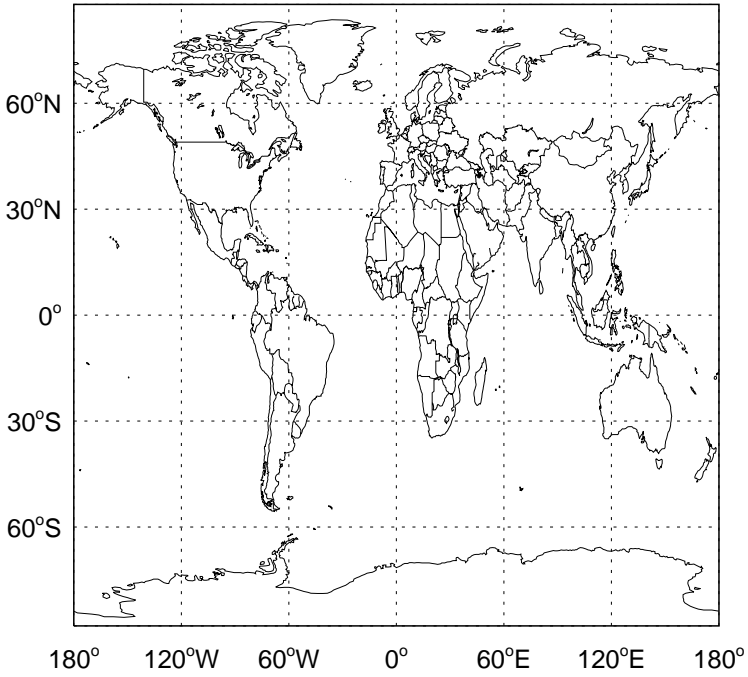
v11-02a - v11-01k-Run0

HCl - Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

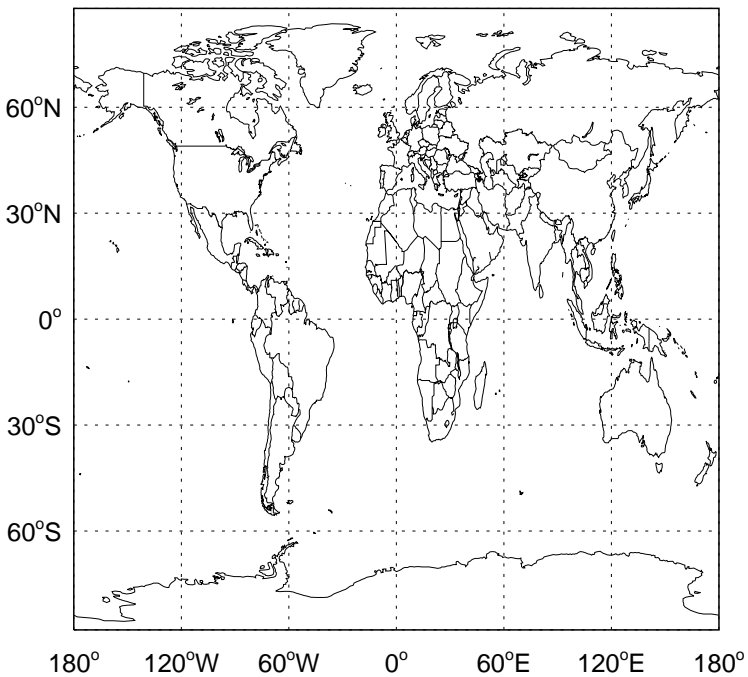
v11-02a - v11-01-public-Run0  
CCl4 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CCl4- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CCl4 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
CCl4- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

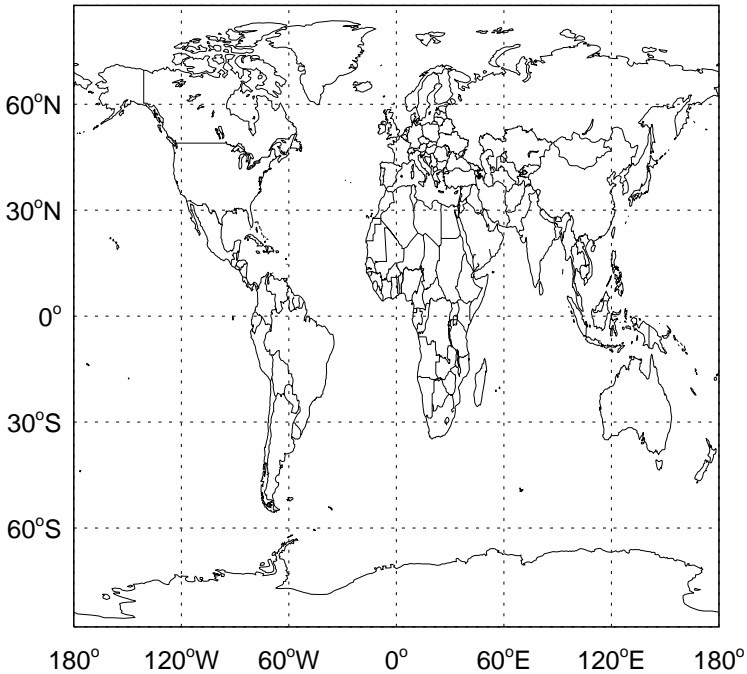
v11-02a - v11-01-public-Run0  
CH3Cl - Diff @ Surface for Jul



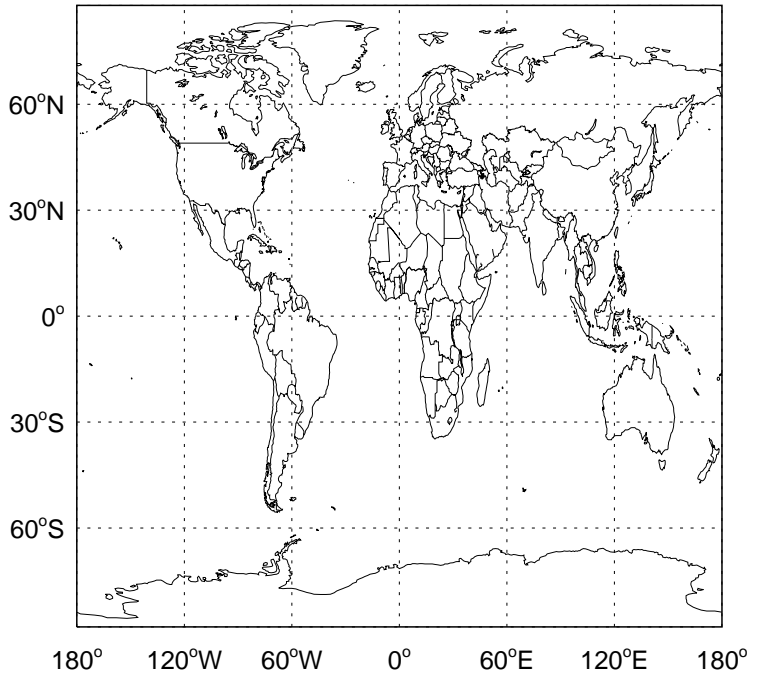
v11-02a - v11-01-public-Run0  
CH3Cl- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CH3Cl - Diff @ Surface for Jul



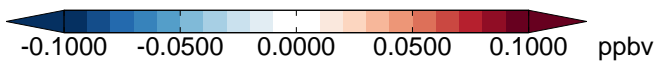
v11-02a - v11-01k-Run0  
CH3Cl- Diff @ 500 hPa for Jul



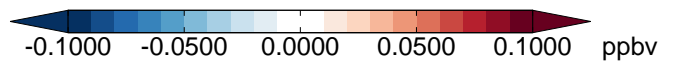


# GEOS-Chem Difference Maps at surface and 500 hPa

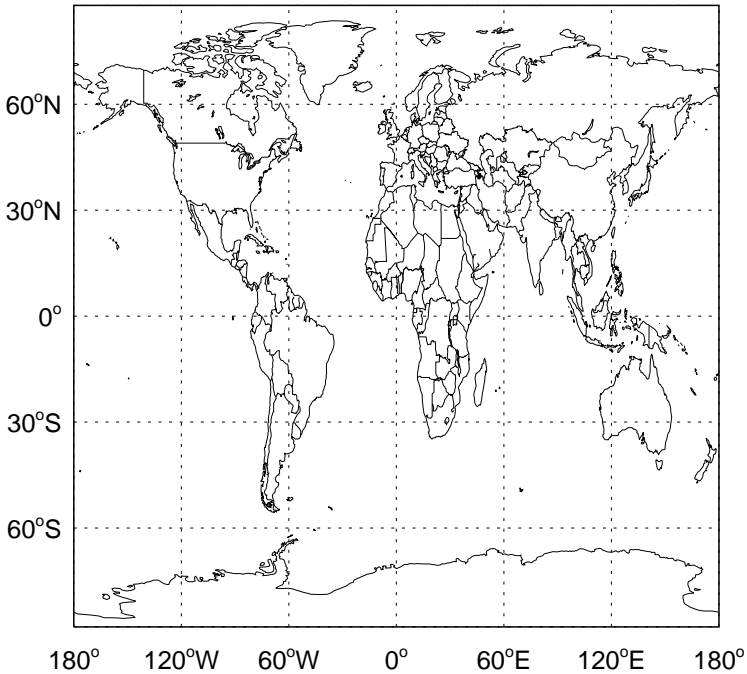
v11-02a - v11-01-public-Run0  
CH3CCI3 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CH3CCI3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CH3CCI3 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
CH3CCI3- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

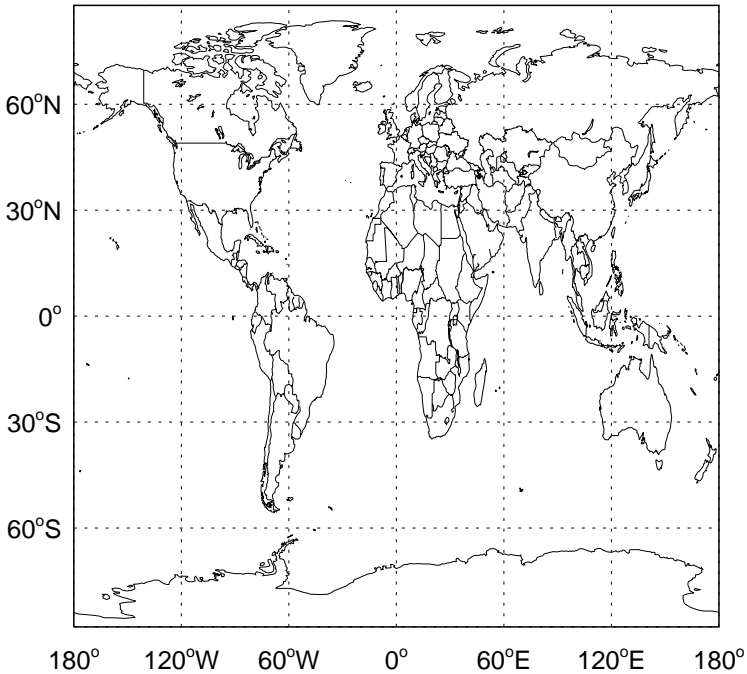
v11-02a - v11-01-public-Run0  
CFC113 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CFC113- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CFC113 - Diff @ Surface for Jul

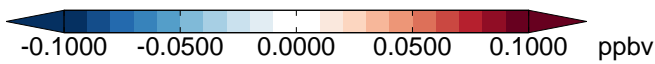


v11-02a - v11-01k-Run0  
CFC113- Diff @ 500 hPa for Jul

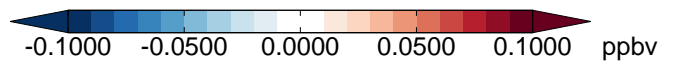


# GEOS-Chem Difference Maps at surface and 500 hPa

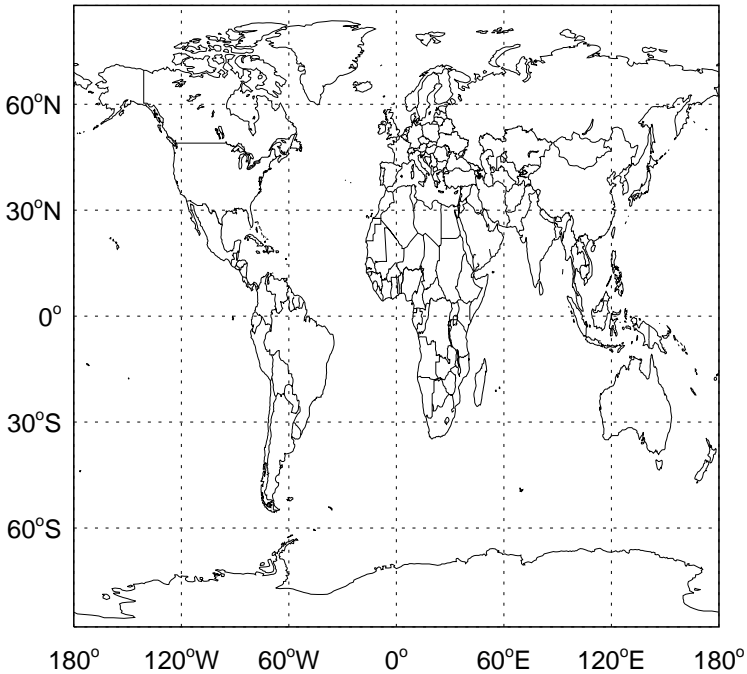
v11-02a - v11-01-public-Run0  
CFC114 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CFC114- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CFC114 - Diff @ Surface for Jul

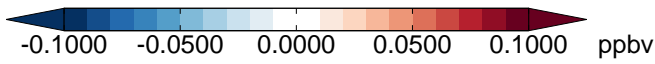
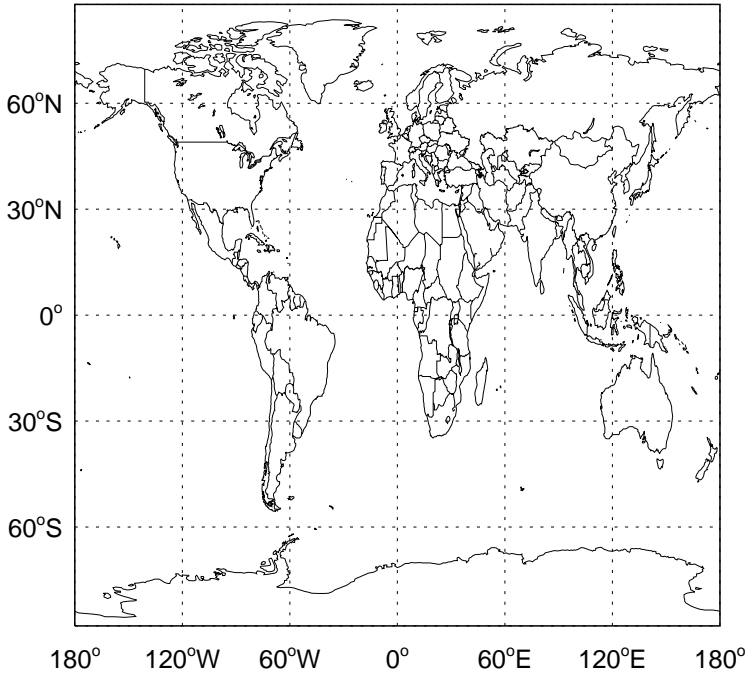


v11-02a - v11-01k-Run0  
CFC114- Diff @ 500 hPa for Jul

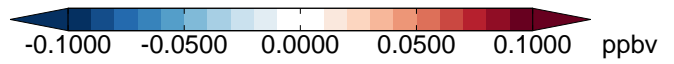


# GEOS-Chem Difference Maps at surface and 500 hPa

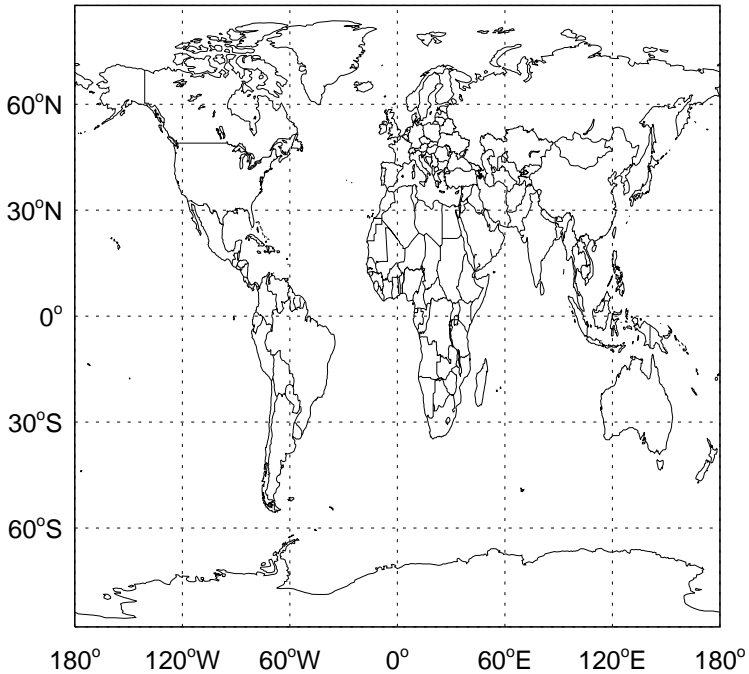
v11-02a - v11-01-public-Run0  
CFC115 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CFC115- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CFC115 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
CFC115- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

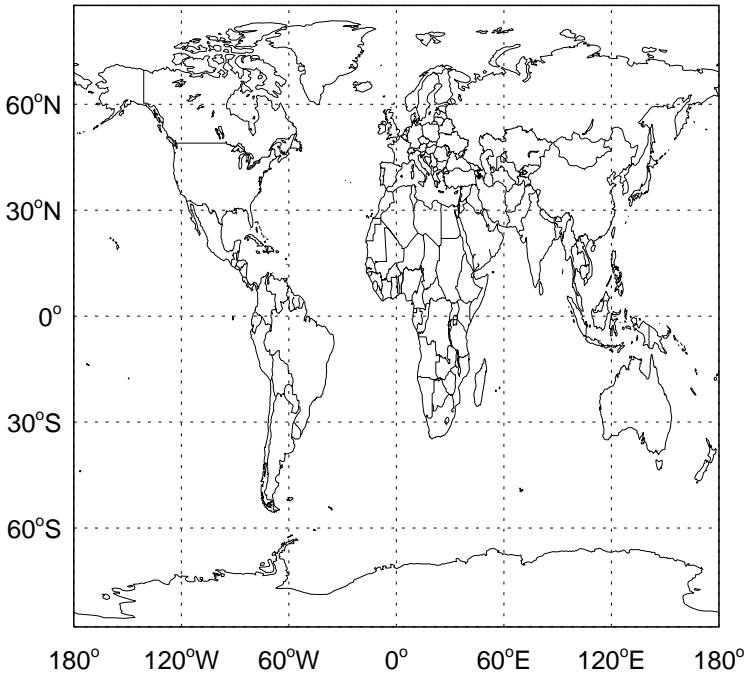
v11-02a - v11-01-public-Run0  
HCFC123 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
HCFC123- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HCFC123 - Diff @ Surface for Jul

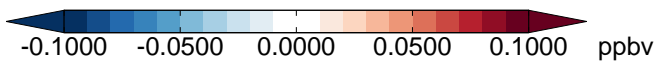


v11-02a - v11-01k-Run0  
HCFC123- Diff @ 500 hPa for Jul

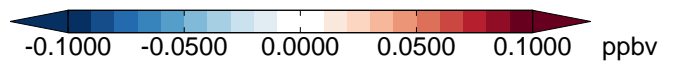


# GEOS-Chem Difference Maps at surface and 500 hPa

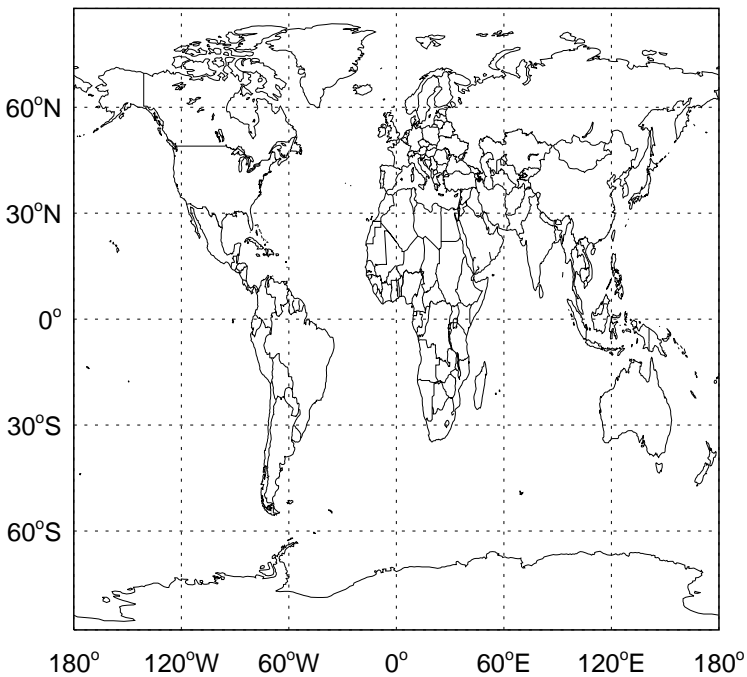
v11-02a - v11-01-public-Run0  
HCFC141b - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
HCFC141b- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HCFC141b - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
HCFC141b- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

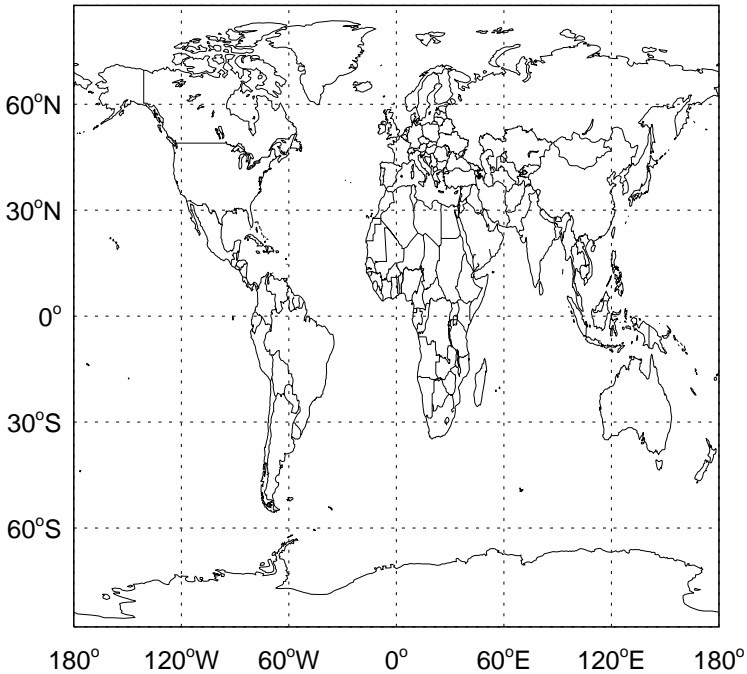
v11-02a - v11-01-public-Run0  
HCFC142b - Diff @ Surface for Jul



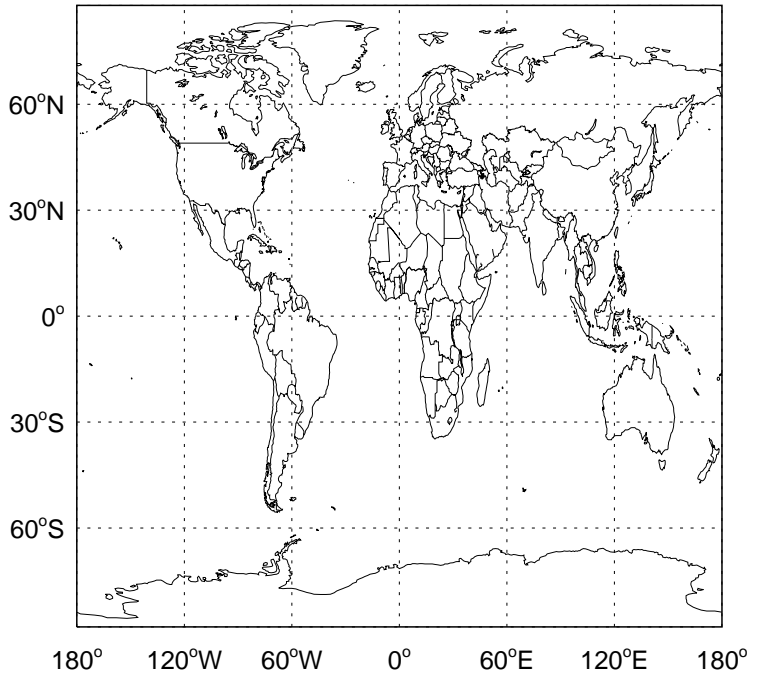
v11-02a - v11-01-public-Run0  
HCFC142b- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HCFC142b - Diff @ Surface for Jul



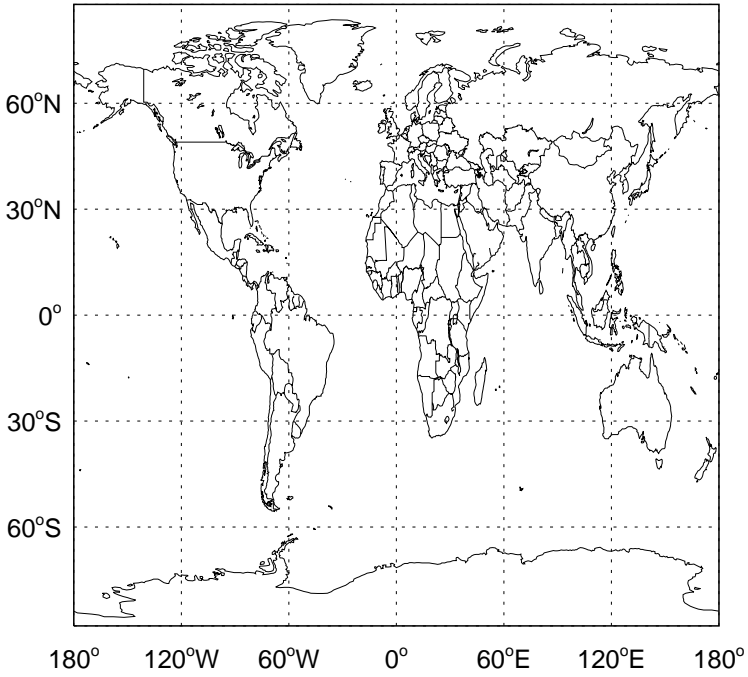
v11-02a - v11-01k-Run0  
HCFC142b- Diff @ 500 hPa for Jul





# GEOS-Chem Difference Maps at surface and 500 hPa

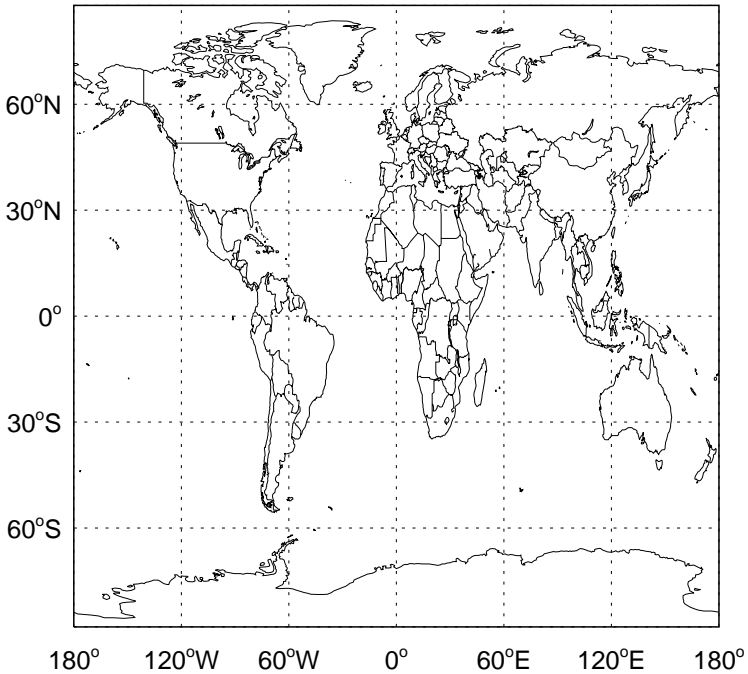
v11-02a - v11-01-public-Run0  
CFC11 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CFC11- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CFC11 - Diff @ Surface for Jul

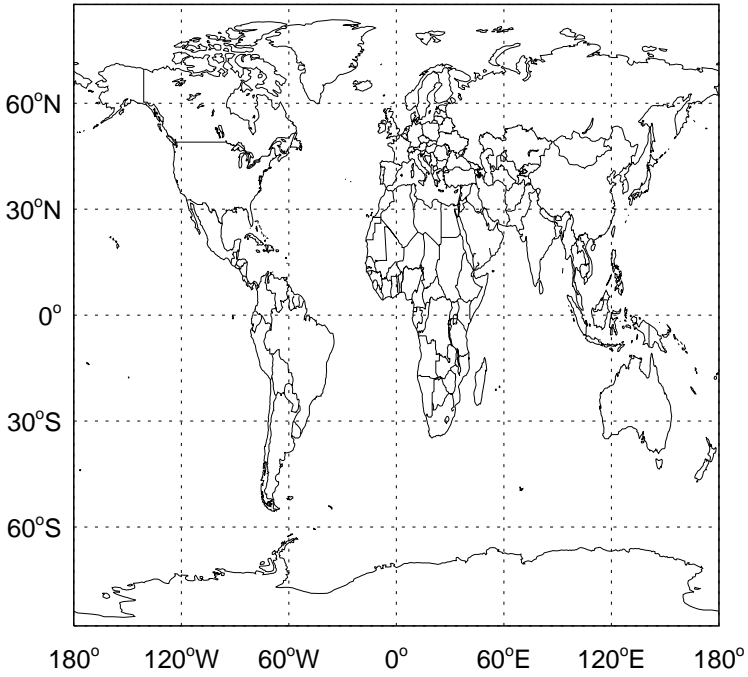


v11-02a - v11-01k-Run0  
CFC11- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

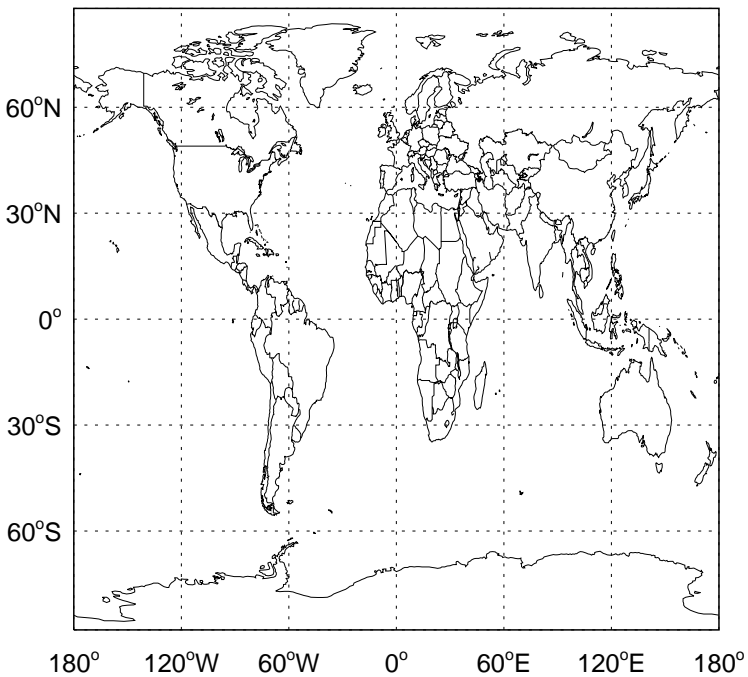
v11-02a - v11-01-public-Run0  
CFC12 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CFC12- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CFC12 - Diff @ Surface for Jul

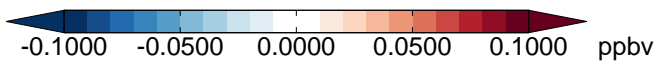


v11-02a - v11-01k-Run0  
CFC12- Diff @ 500 hPa for Jul

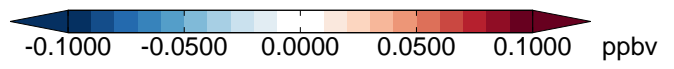


# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02a - v11-01-public-Run0  
HCFC22 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
HCFC22- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HCFC22 - Diff @ Surface for Jul

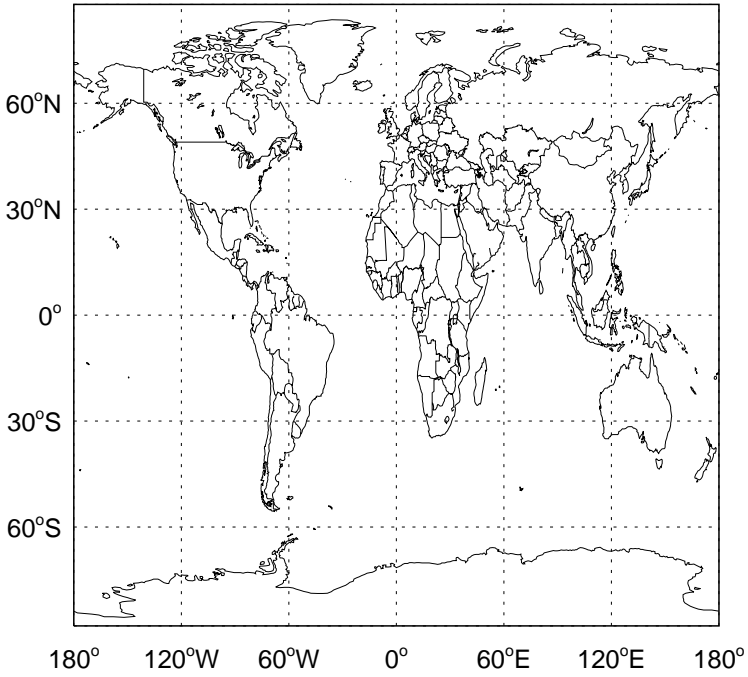


v11-02a - v11-01k-Run0  
HCFC22- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

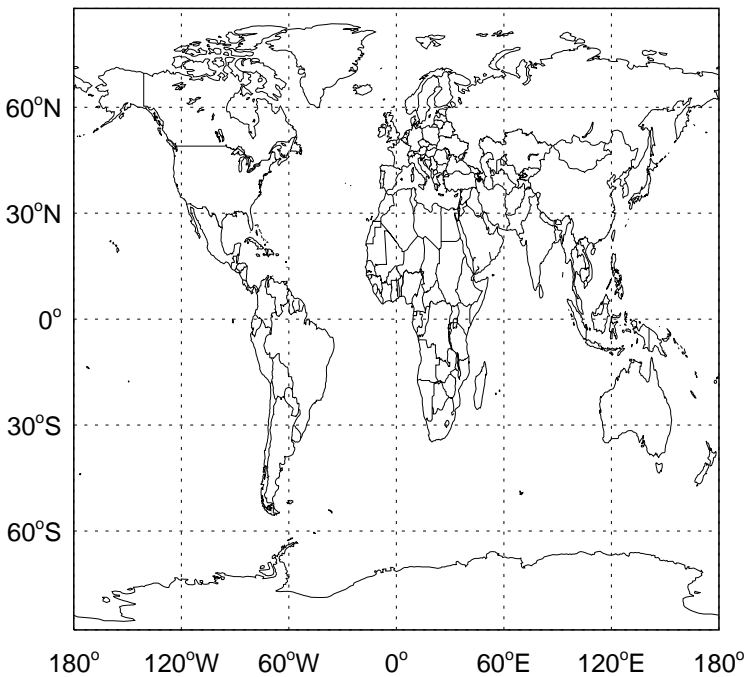
v11-02a - v11-01-public-Run0  
H1211 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
H1211- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
H1211 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
H1211- Diff @ 500 hPa for Jul

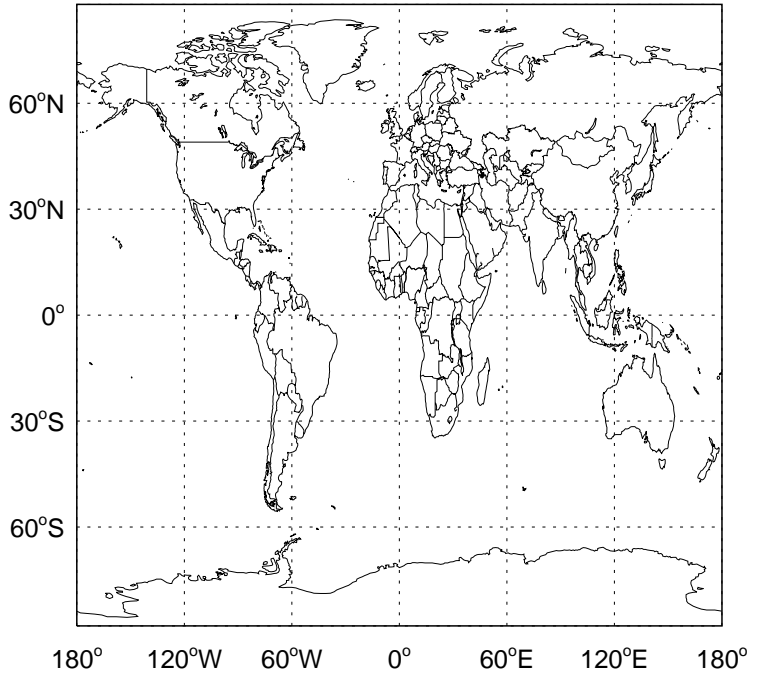


# GEOS-Chem Difference Maps at surface and 500 hPa

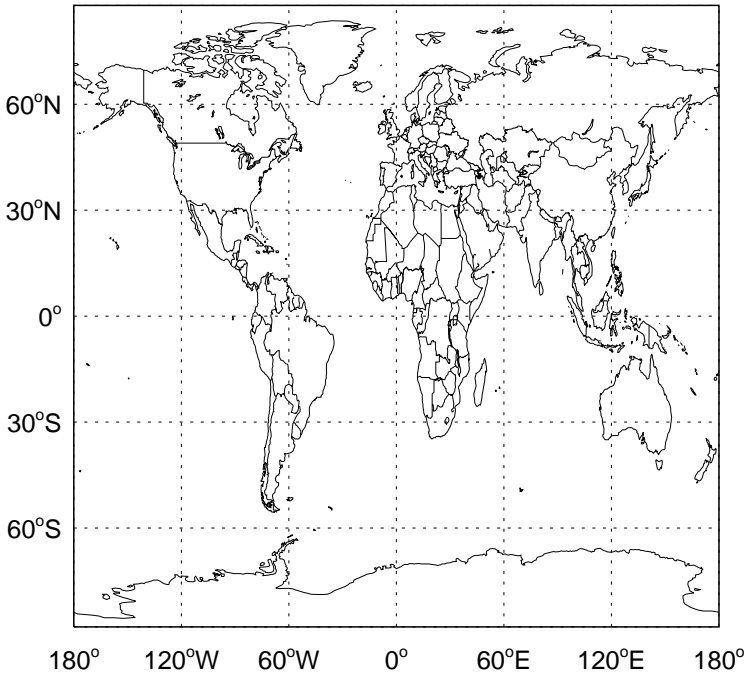
v11-02a - v11-01-public-Run0  
H1301 - Diff @ Surface for Jul



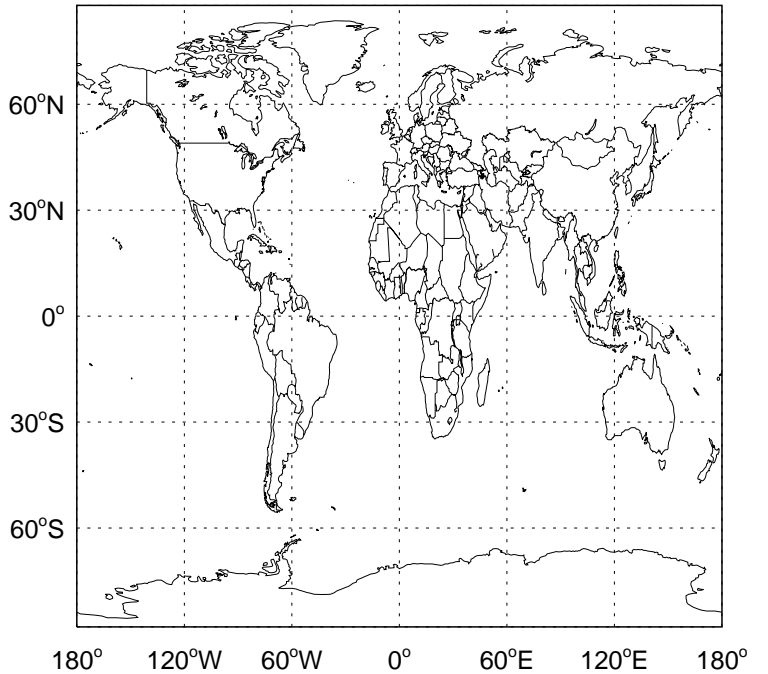
v11-02a - v11-01-public-Run0  
H1301- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
H1301 - Diff @ Surface for Jul

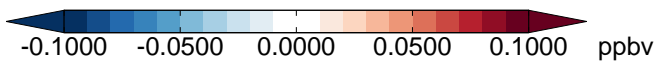


v11-02a - v11-01k-Run0  
H1301- Diff @ 500 hPa for Jul

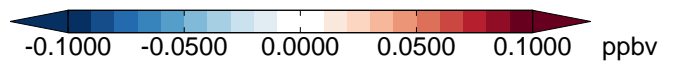


# GEOS-Chem Difference Maps at surface and 500 hPa

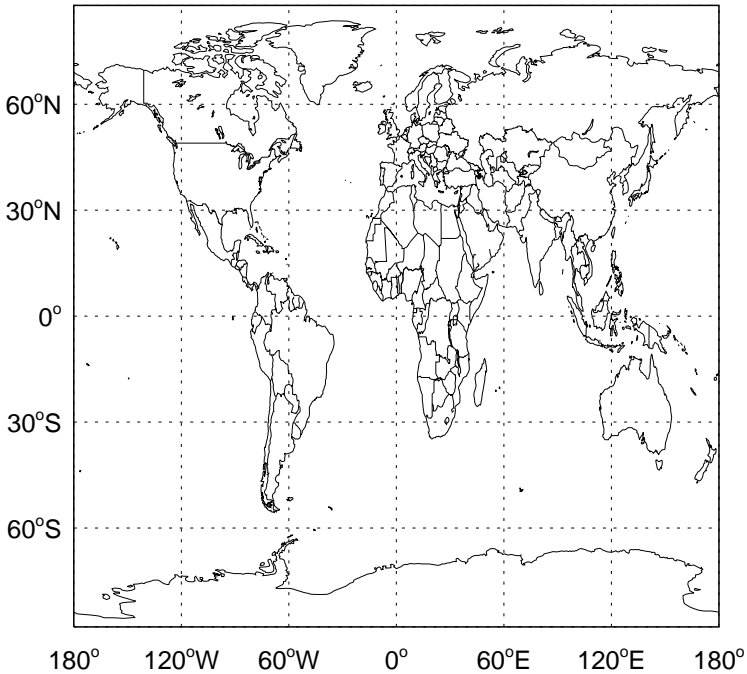
v11-02a - v11-01-public-Run0  
H2402 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
H2402- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
H2402 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
H2402- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02a - v11-01-public-Run0

Cl - Diff @ Surface for Jul



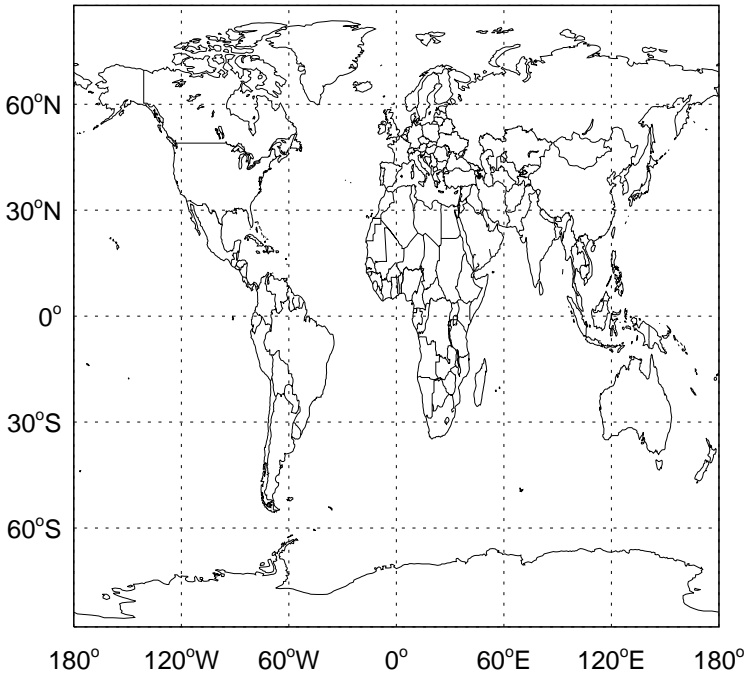
v11-02a - v11-01-public-Run0

Cl- Diff @ 500 hPa for Jul



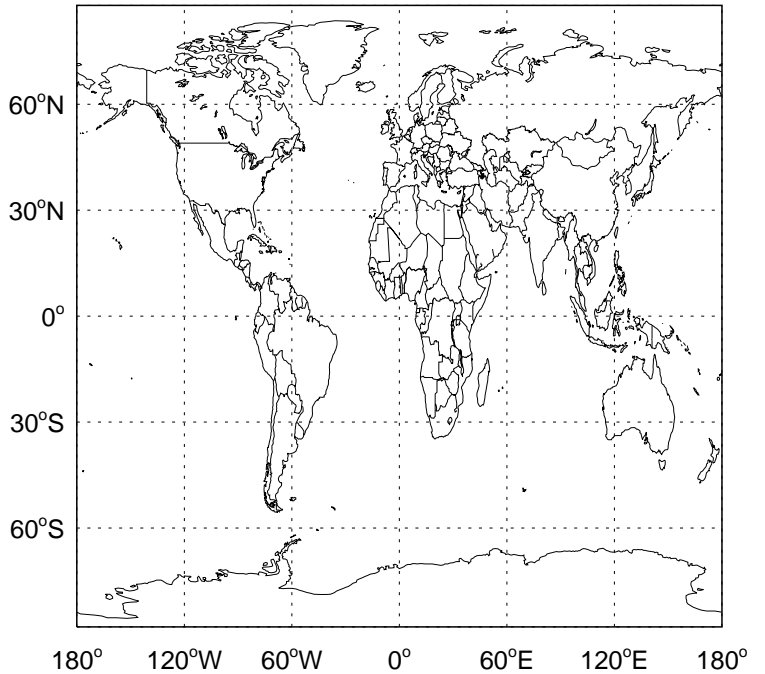
v11-02a - v11-01k-Run0

Cl - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

Cl- Diff @ 500 hPa for Jul

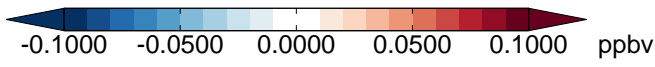
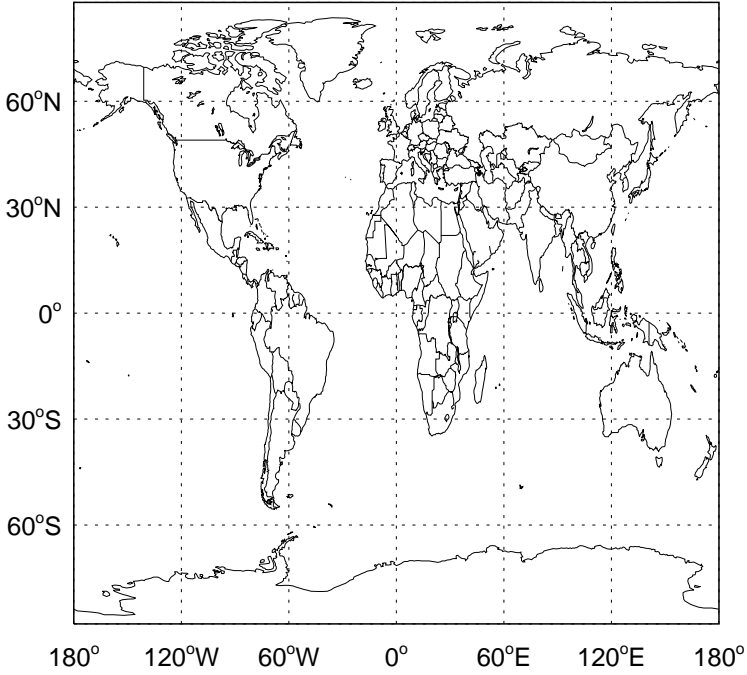




# GEOS-Chem Difference Maps at surface and 500 hPa

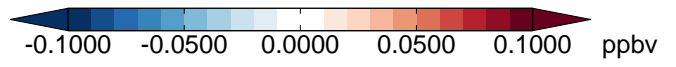
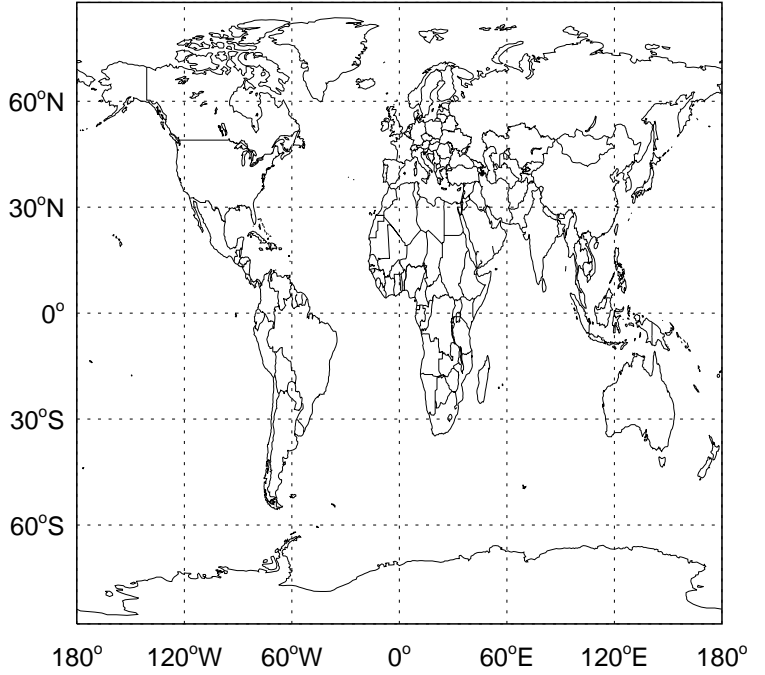
v11-02a - v11-01-public-Run0

CIO - Diff @ Surface for Jul



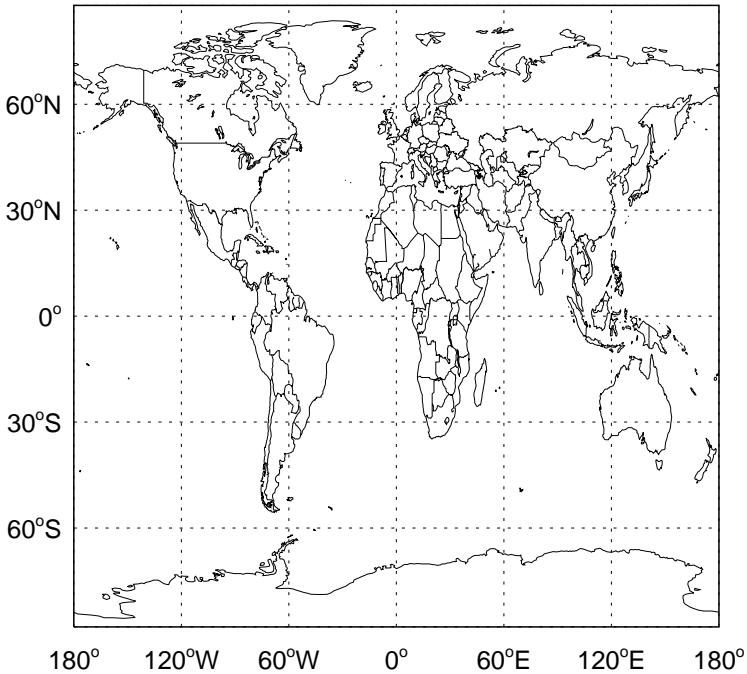
v11-02a - v11-01-public-Run0

CIO - Diff @ 500 hPa for Jul



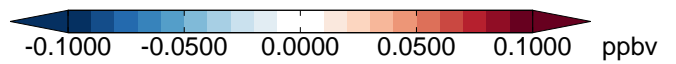
v11-02a - v11-01k-Run0

CIO - Diff @ Surface for Jul



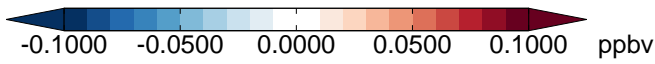
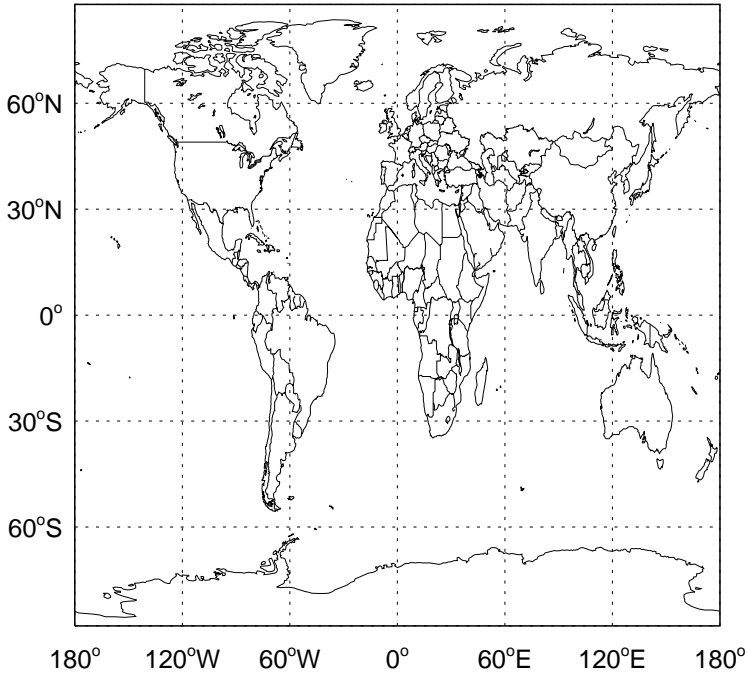
v11-02a - v11-01k-Run0

CIO - Diff @ 500 hPa for Jul

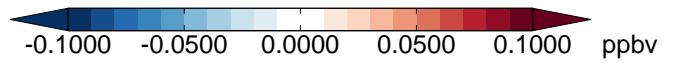


# GEOS-Chem Difference Maps at surface and 500 hPa

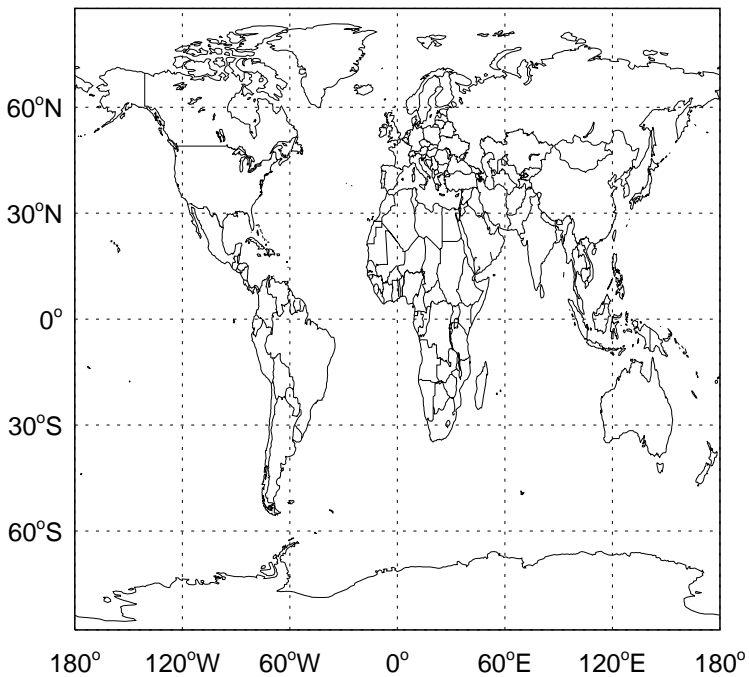
v11-02a - v11-01-public-Run0  
HOCl - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
HOCl- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HOCl - Diff @ Surface for Jul

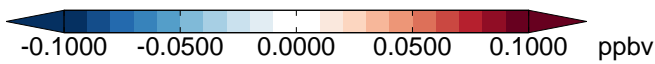


v11-02a - v11-01k-Run0  
HOCl- Diff @ 500 hPa for Jul

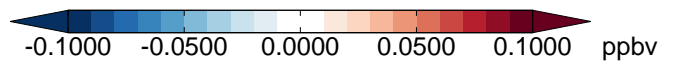


# GEOS-Chem Difference Maps at surface and 500 hPa

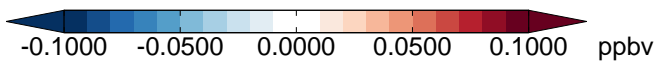
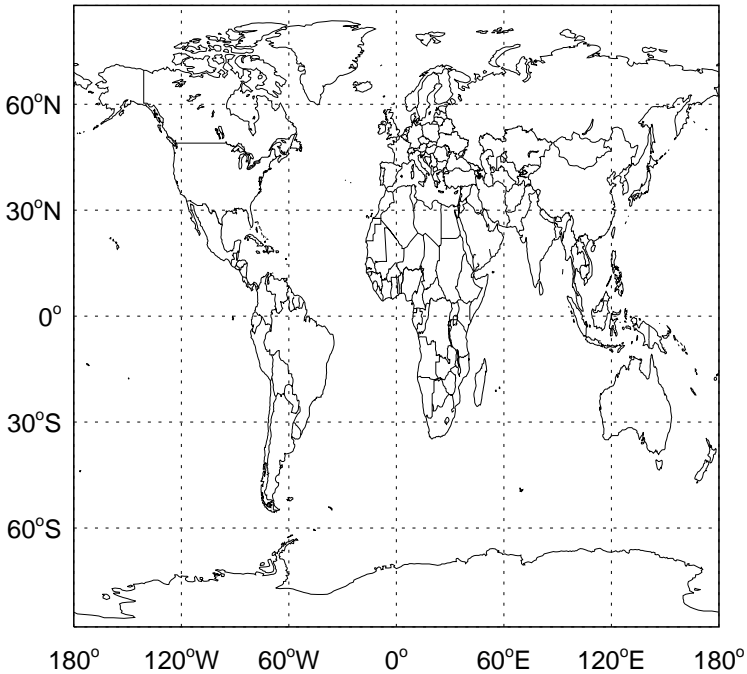
v11-02a - v11-01-public-Run0  
CINO3 - Diff @ Surface for Jul



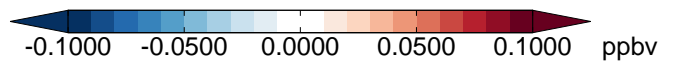
v11-02a - v11-01-public-Run0  
CINO3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CINO3 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
CINO3- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

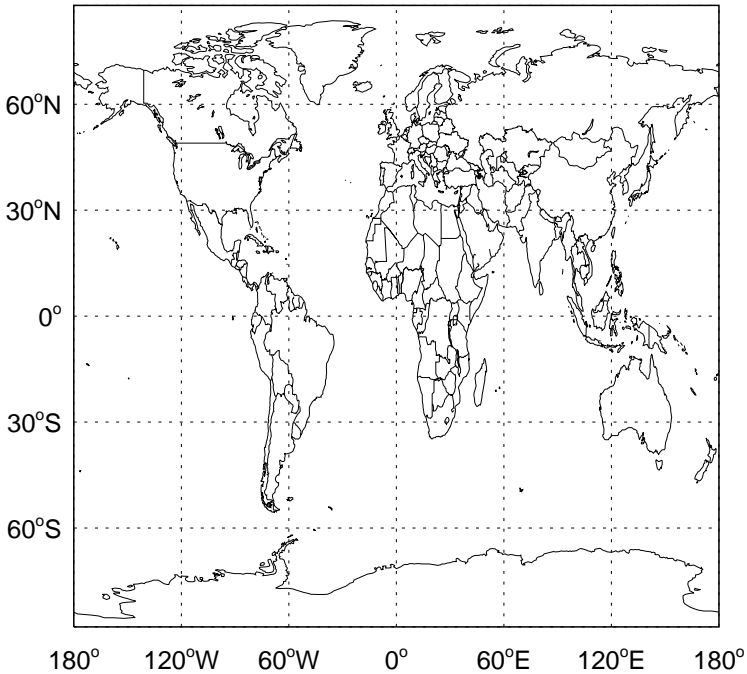
v11-02a - v11-01-public-Run0  
CINO2 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
CINO2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
CINO2 - Diff @ Surface for Jul

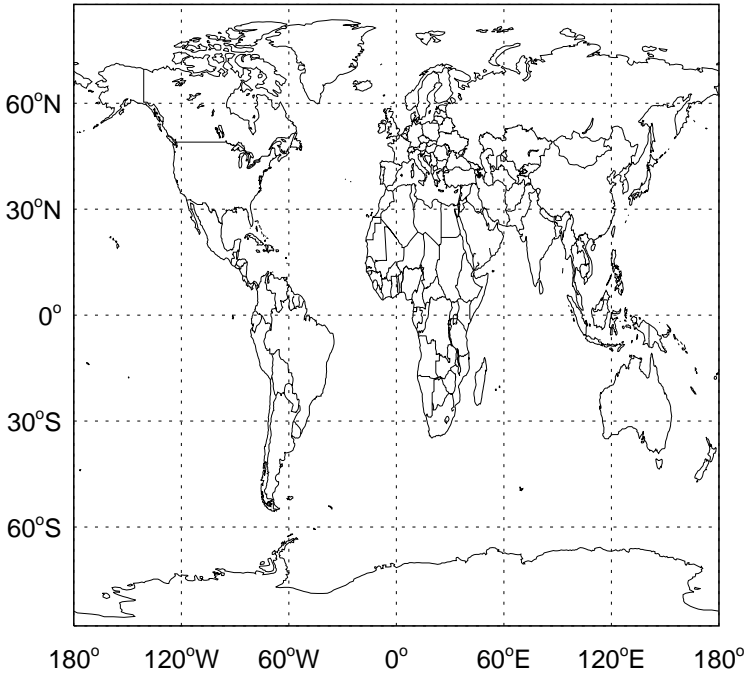


v11-02a - v11-01k-Run0  
CINO2- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

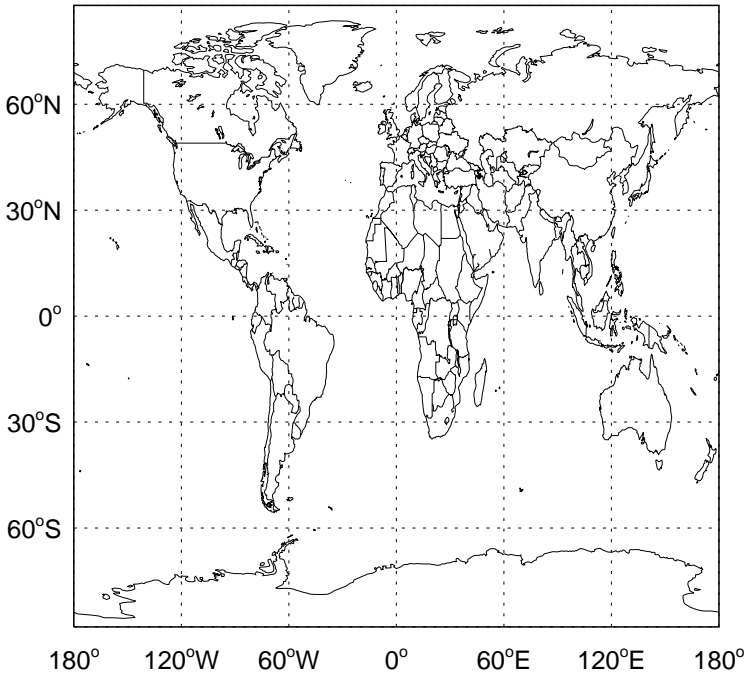
v11-02a - v11-01-public-Run0  
ClOO - Diff @ Surface for Jul



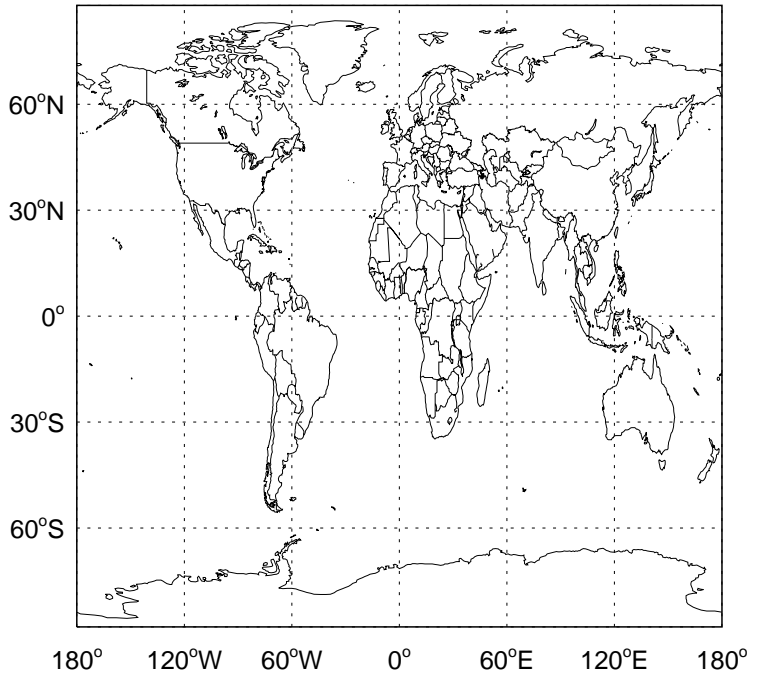
v11-02a - v11-01-public-Run0  
ClOO - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ClOO - Diff @ Surface for Jul



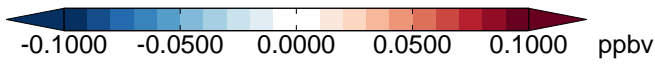
v11-02a - v11-01k-Run0  
ClOO - Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

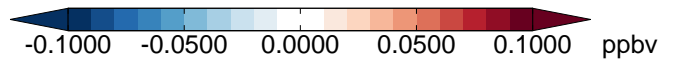
v11-02a - v11-01-public-Run0

OCIO - Diff @ Surface for Jul



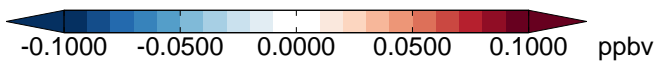
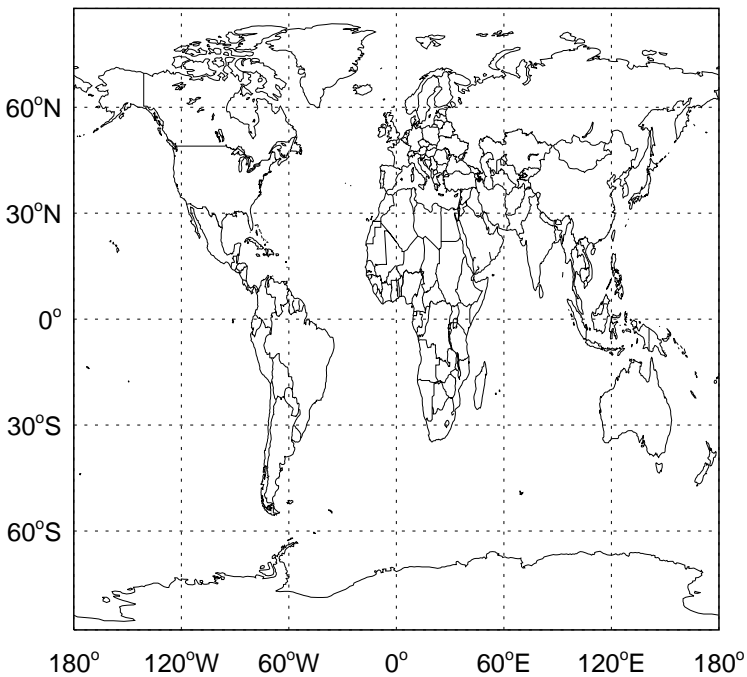
v11-02a - v11-01-public-Run0

OCIO - Diff @ 500 hPa for Jul



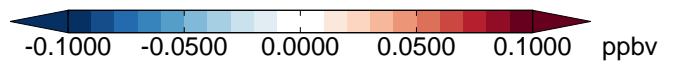
v11-02a - v11-01k-Run0

OCIO - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

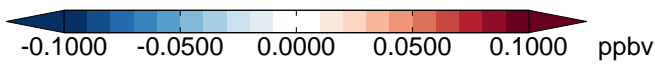
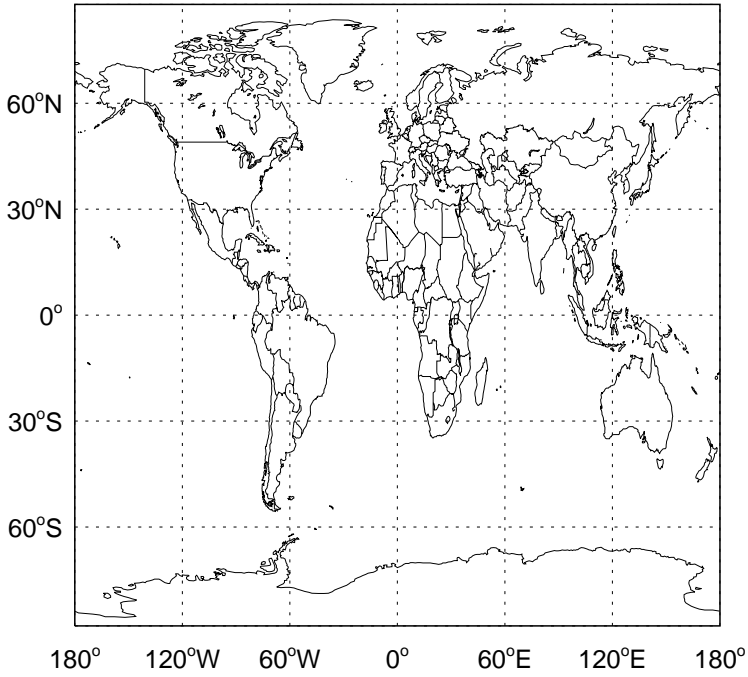
OCIO - Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

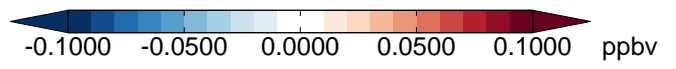
v11-02a - v11-01-public-Run0

Cl2 - Diff @ Surface for Jul



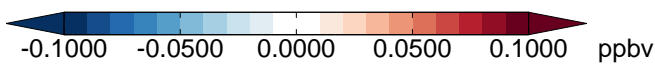
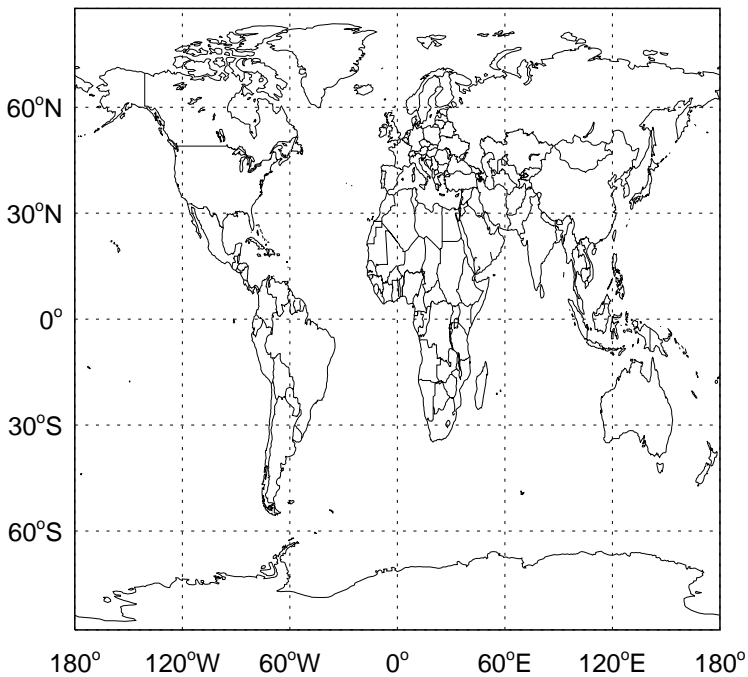
v11-02a - v11-01-public-Run0

Cl2 - Diff @ 500 hPa for Jul



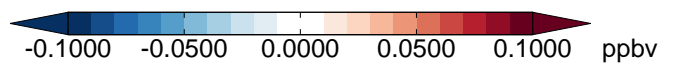
v11-02a - v11-01k-Run0

Cl2 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0

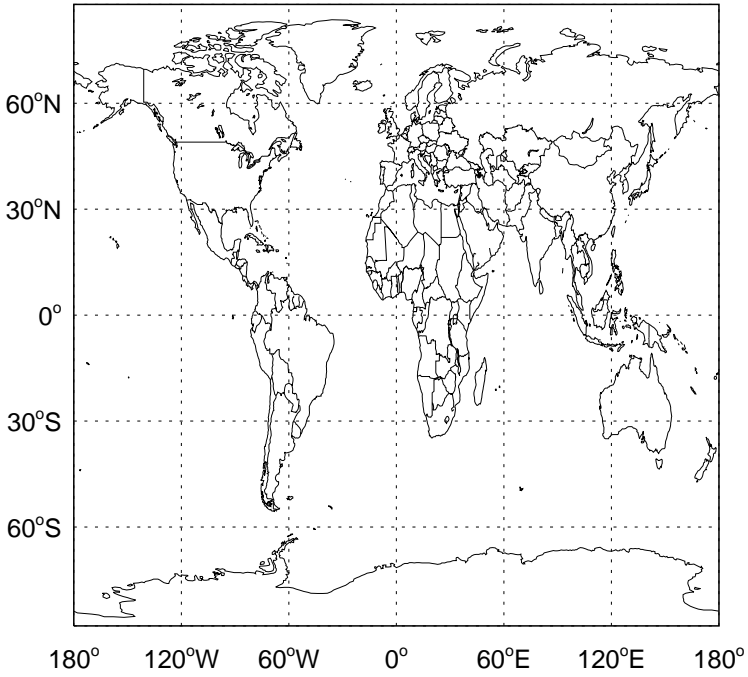
Cl2 - Diff @ 500 hPa for Jul





# GEOS-Chem Difference Maps at surface and 500 hPa

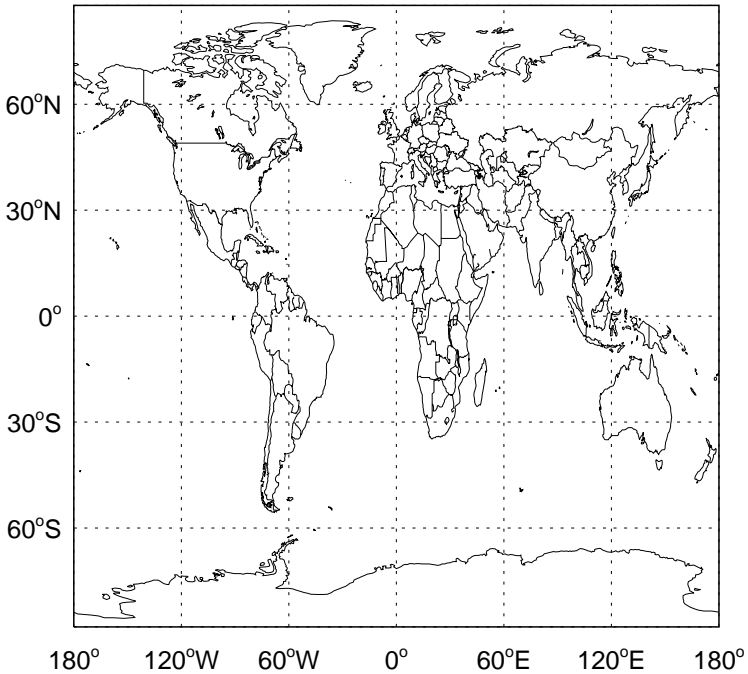
v11-02a - v11-01-public-Run0  
Cl2O2 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
Cl2O2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
Cl2O2 - Diff @ Surface for Jul

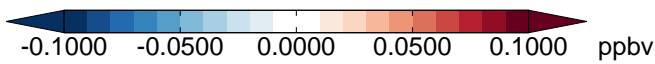
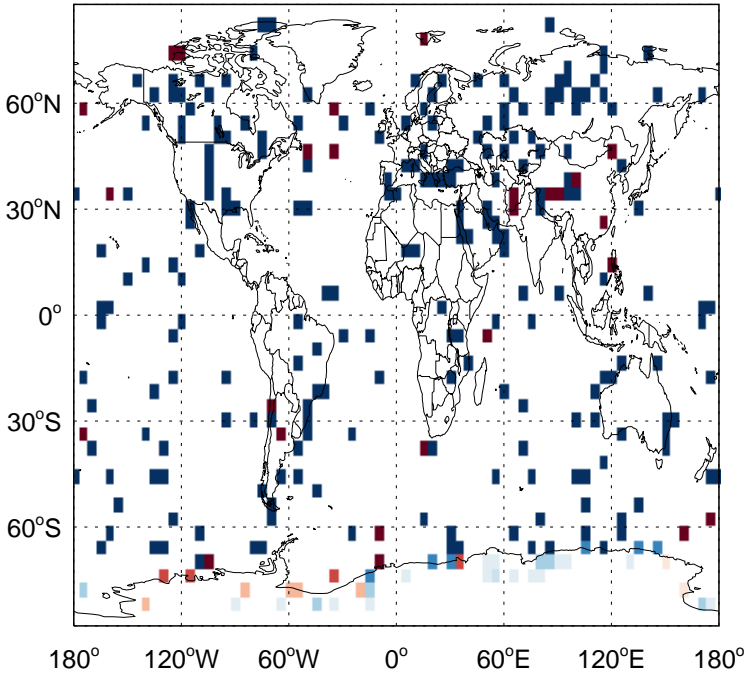


v11-02a - v11-01k-Run0  
Cl2O2- Diff @ 500 hPa for Jul

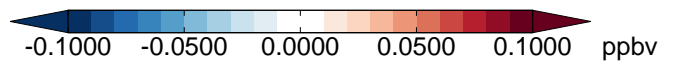
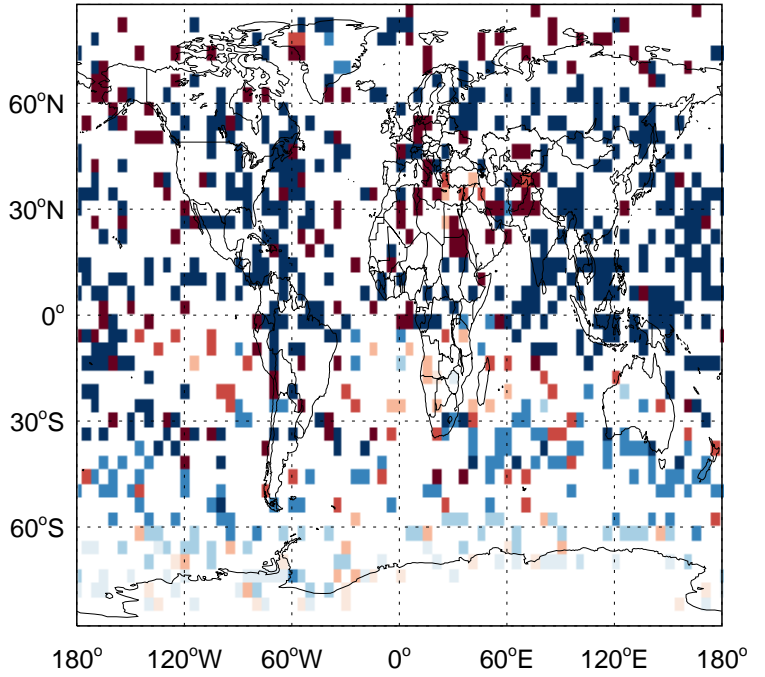


# GEOS-Chem Difference Maps at surface and 500 hPa

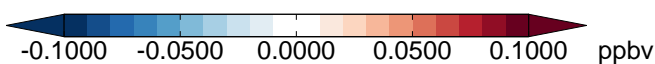
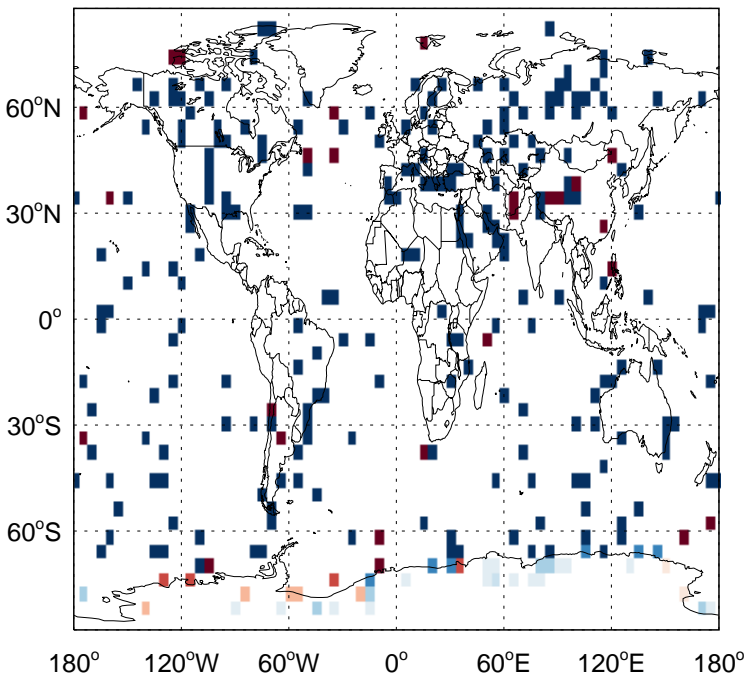
v11-02a - v11-01-public-Run0  
H<sub>2</sub>O - Diff @ Surface for Jul



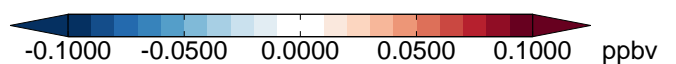
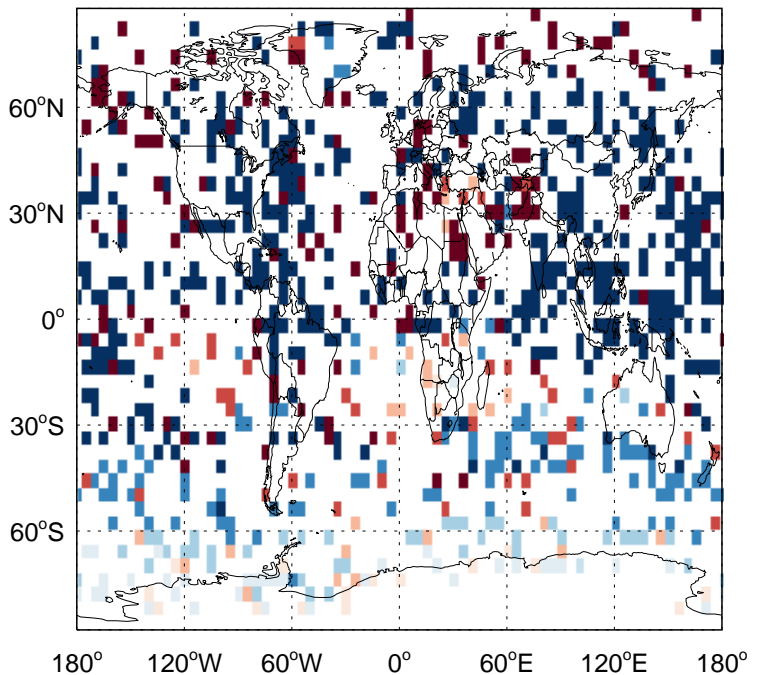
v11-02a - v11-01-public-Run0  
H<sub>2</sub>O - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
H<sub>2</sub>O - Diff @ Surface for Jul

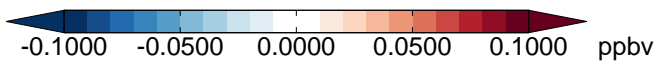
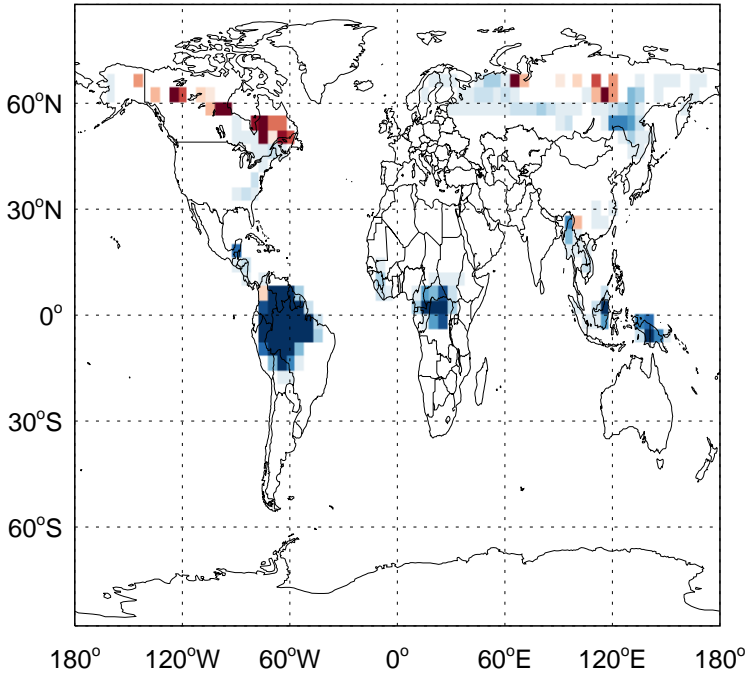


v11-02a - v11-01k-Run0  
H<sub>2</sub>O - Diff @ 500 hPa for Jul

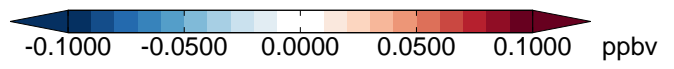


# GEOS-Chem Difference Maps at surface and 500 hPa

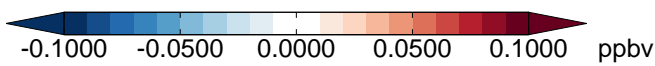
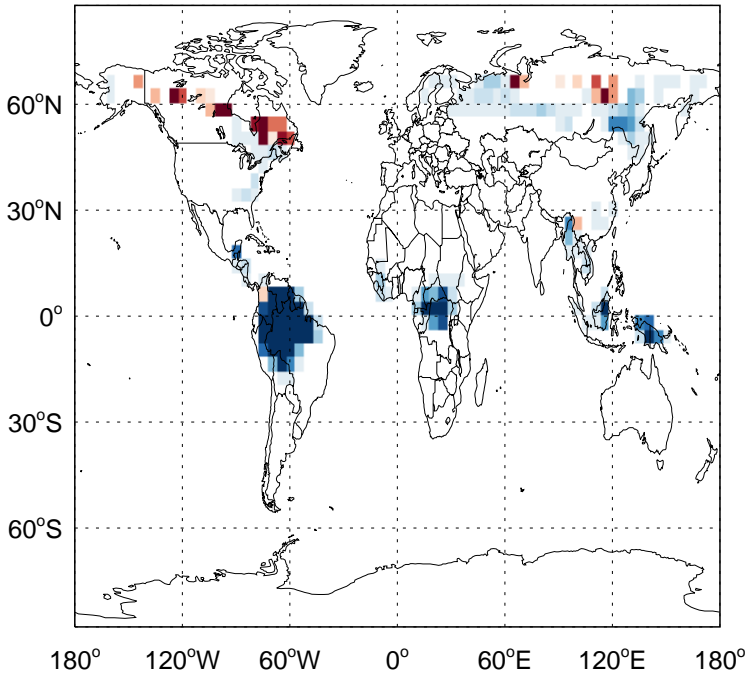
v11-02a - v11-01-public-Run0  
MTPA - Diff @ Surface for Jul



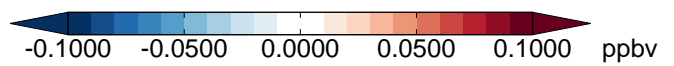
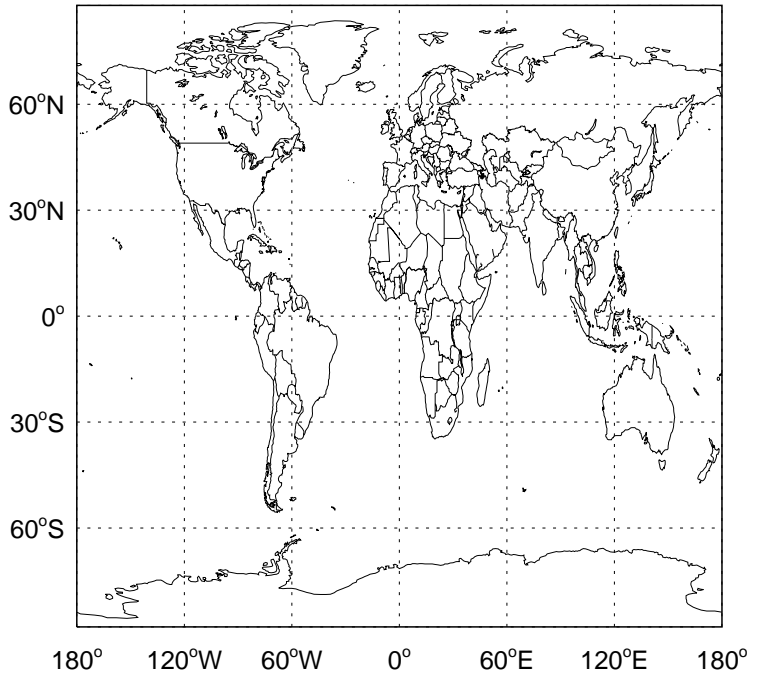
v11-02a - v11-01-public-Run0  
MTPA- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MTPA - Diff @ Surface for Jul

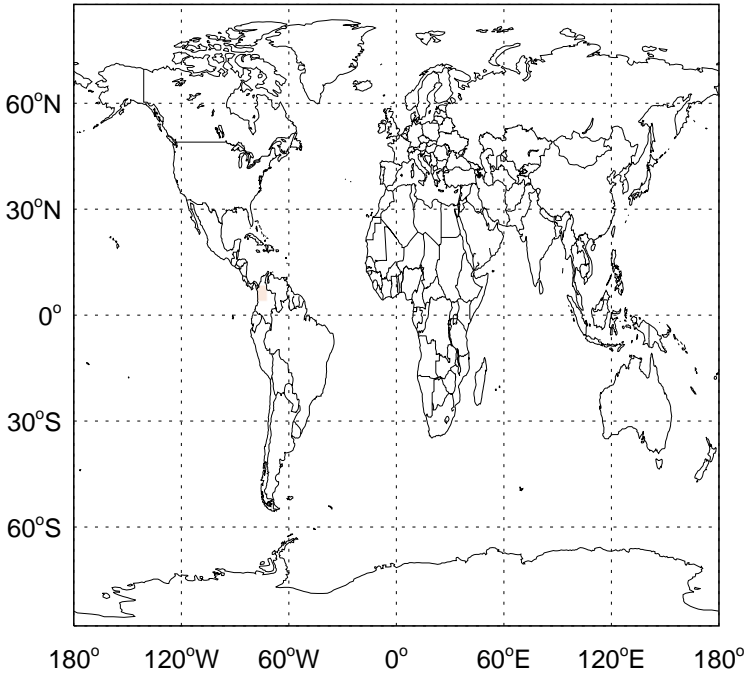


v11-02a - v11-01k-Run0  
MTPA- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

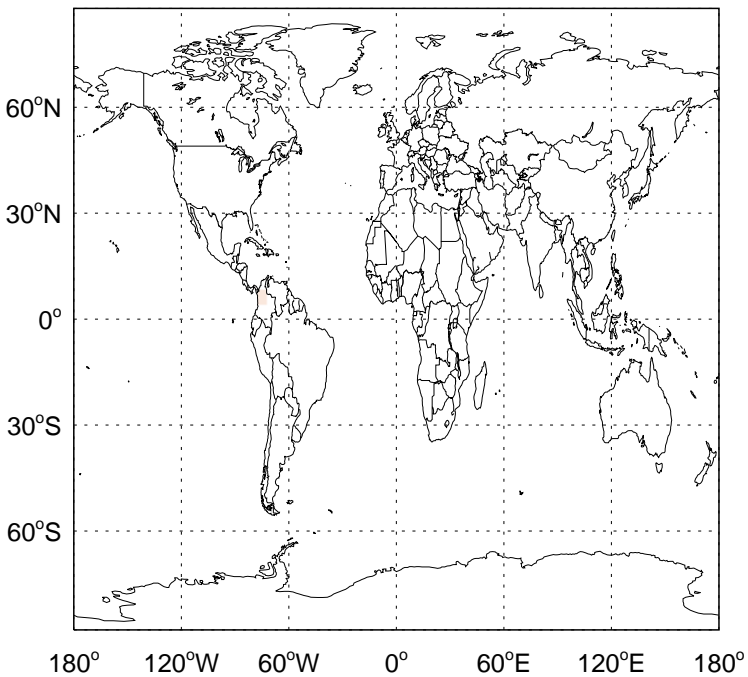
v11-02a - v11-01-public-Run0  
LIMO - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
LIMO- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
LIMO - Diff @ Surface for Jul

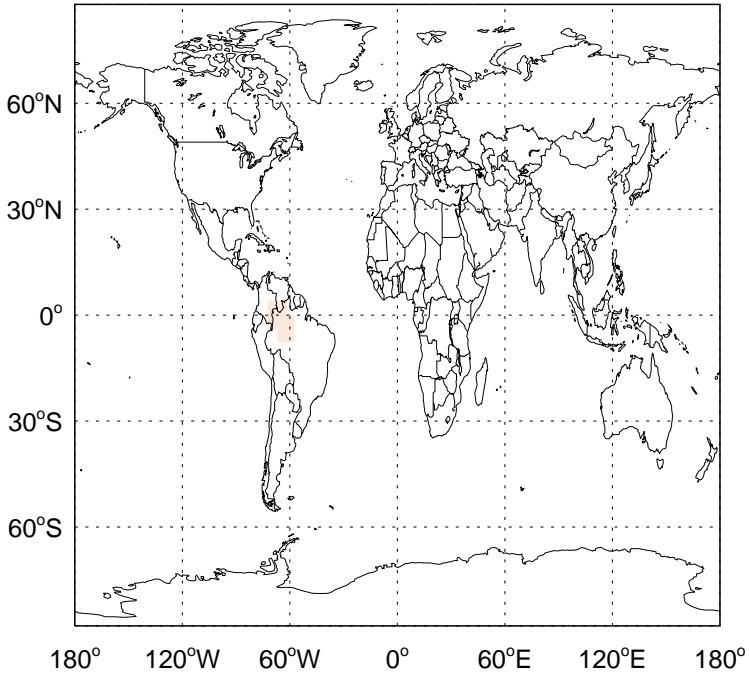


v11-02a - v11-01k-Run0  
LIMO- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

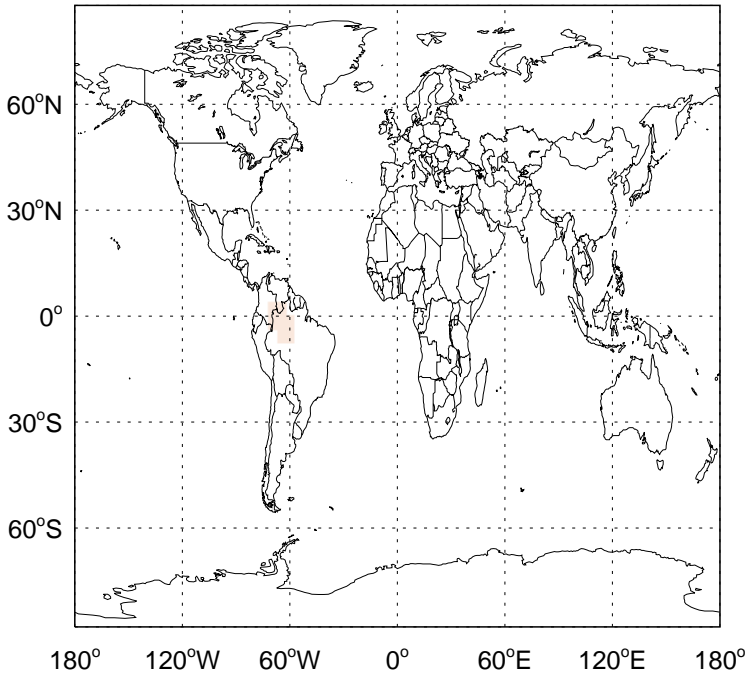
v11-02a - v11-01-public-Run0  
MTPO - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
MTPO- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
MTPO - Diff @ Surface for Jul

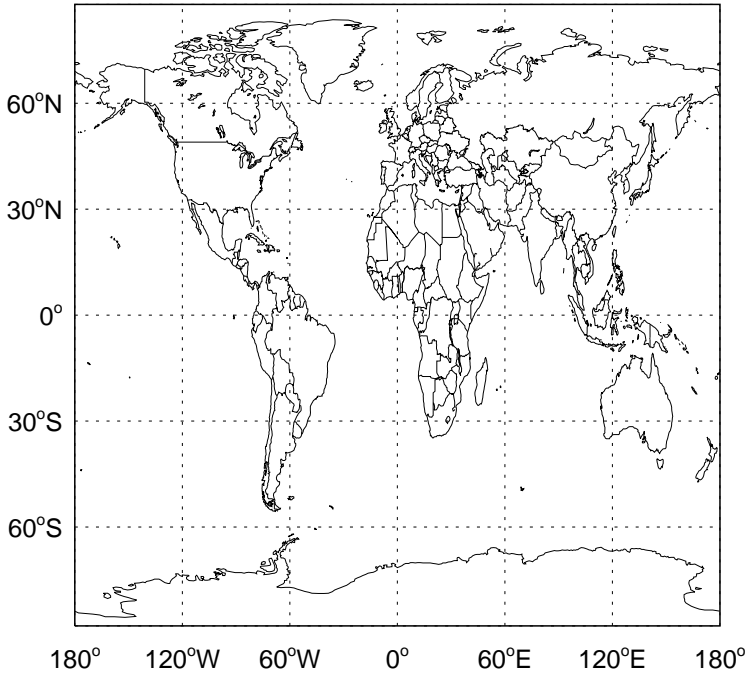


v11-02a - v11-01k-Run0  
MTPO- Diff @ 500 hPa for Jul

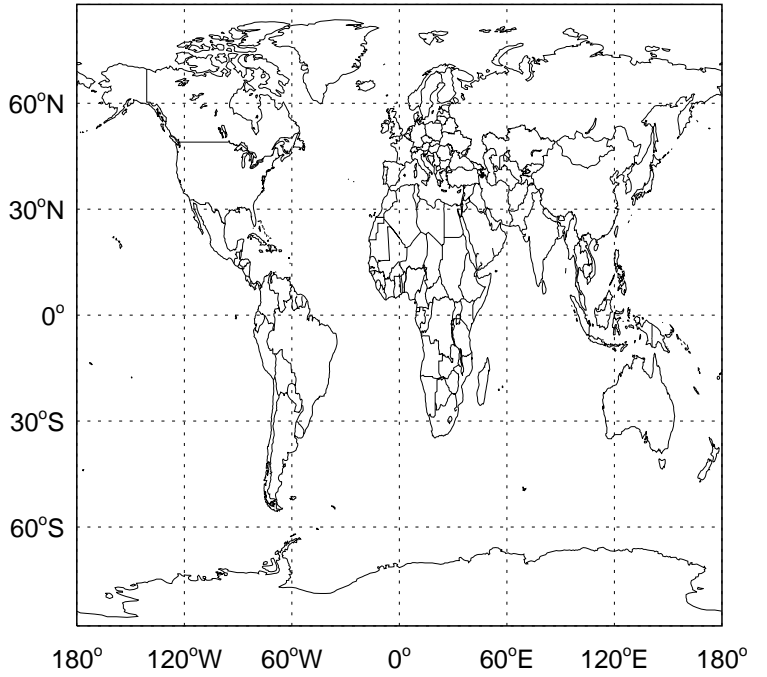


# GEOS-Chem Difference Maps at surface and 500 hPa

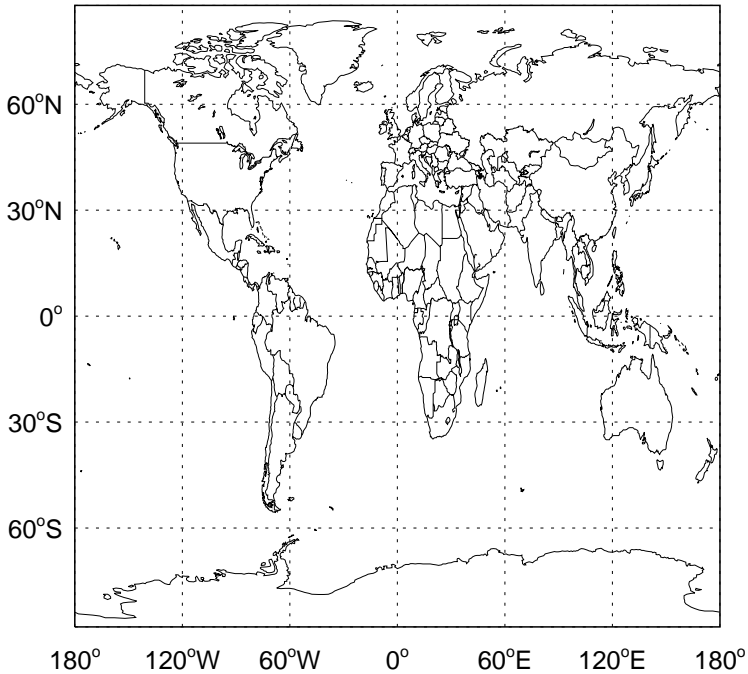
v11-02a - v11-01-public-Run0  
TSOG1 - Diff @ Surface for Jul



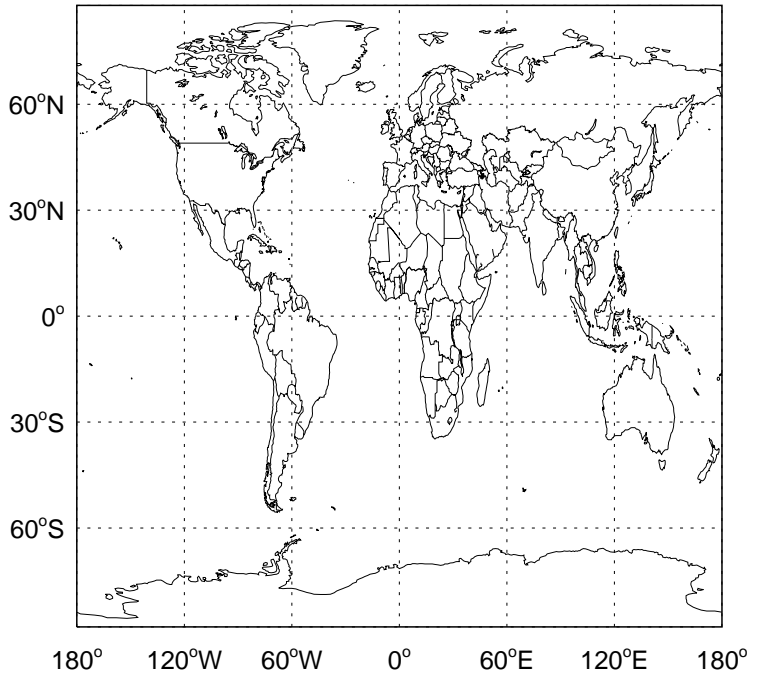
v11-02a - v11-01-public-Run0  
TSOG1- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOG1 - Diff @ Surface for Jul

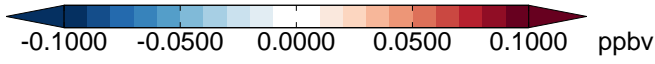
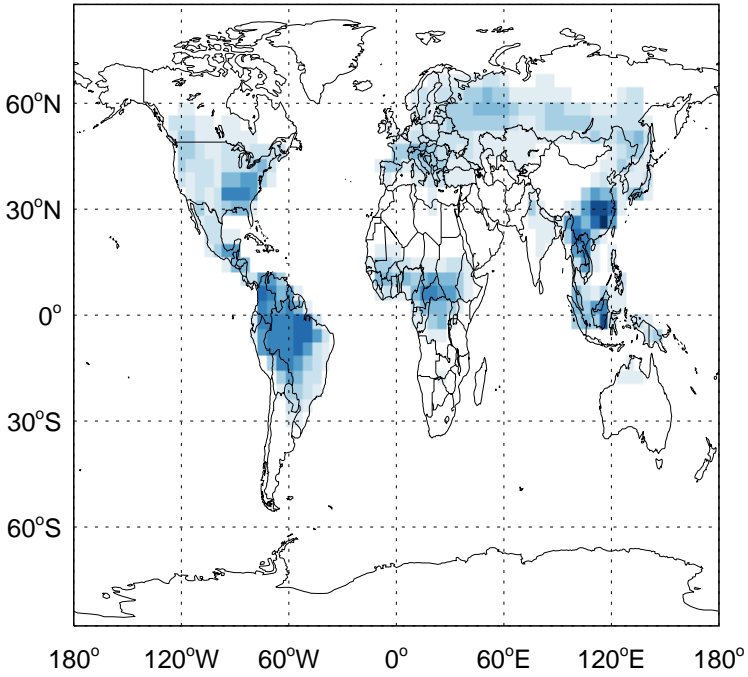


v11-02a - v11-01k-Run0  
TSOG1- Diff @ 500 hPa for Jul

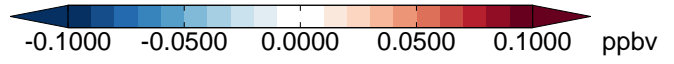
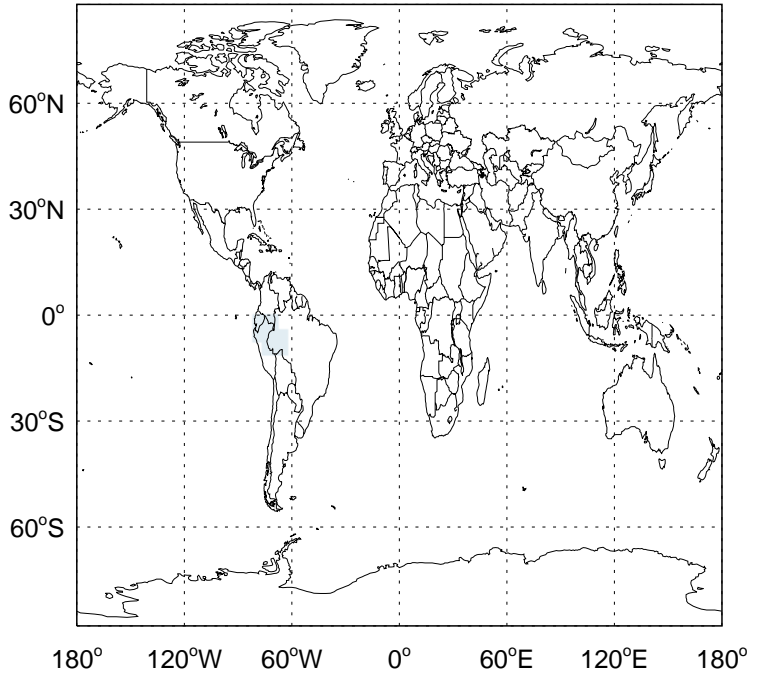


# GEOS-Chem Difference Maps at surface and 500 hPa

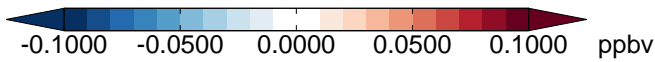
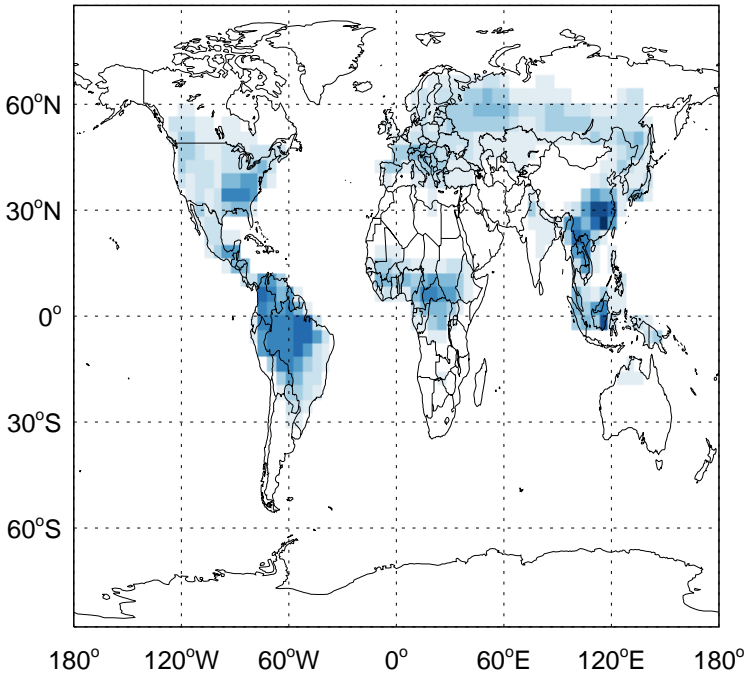
v11-02a - v11-01-public-Run0  
TSOG2 - Diff @ Surface for Jul



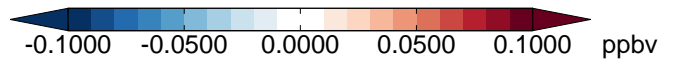
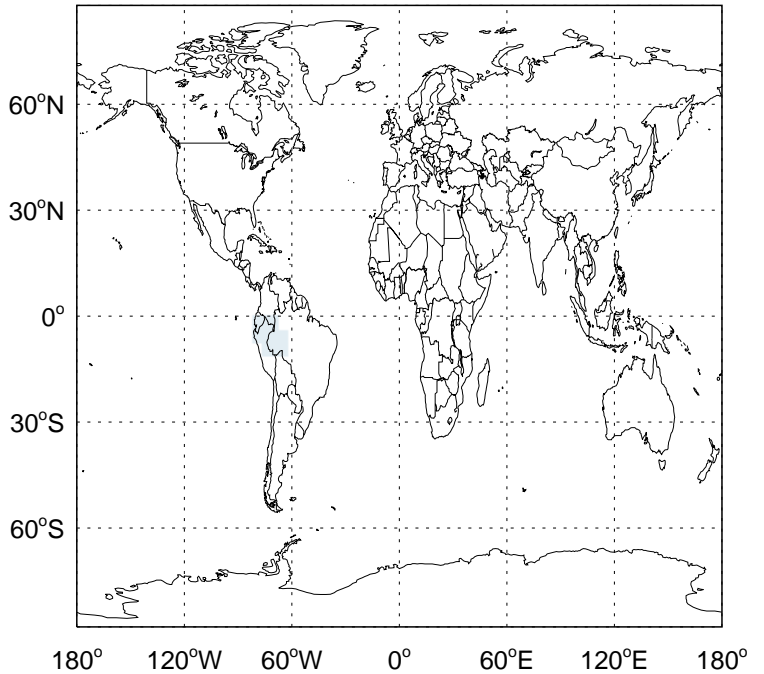
v11-02a - v11-01-public-Run0  
TSOG2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOG2 - Diff @ Surface for Jul



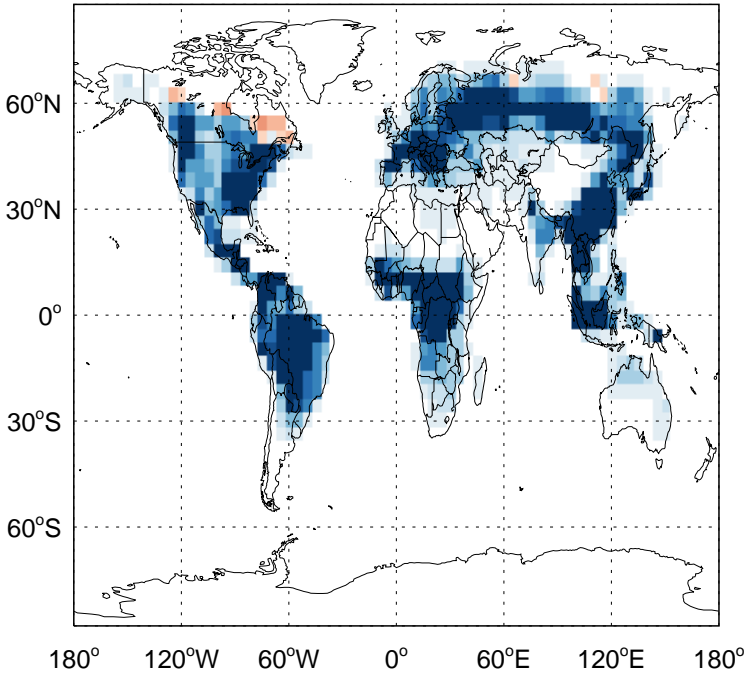
v11-02a - v11-01k-Run0  
TSOG2- Diff @ 500 hPa for Jul



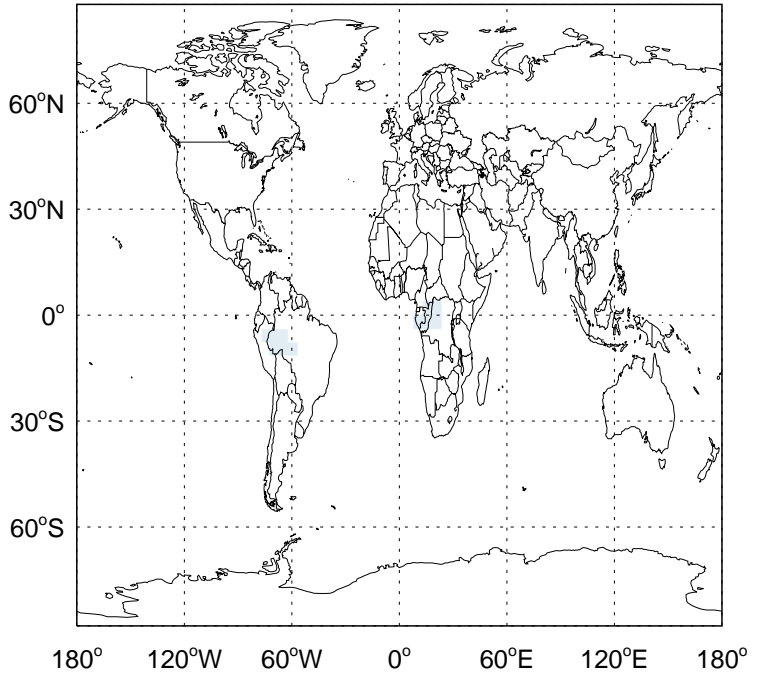


# GEOS-Chem Difference Maps at surface and 500 hPa

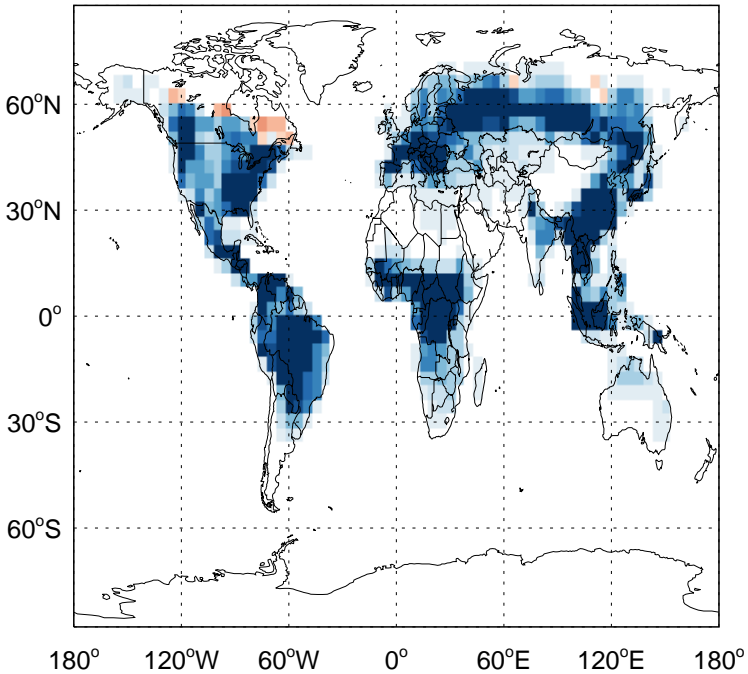
v11-02a - v11-01-public-Run0  
TSOG3 - Diff @ Surface for Jul



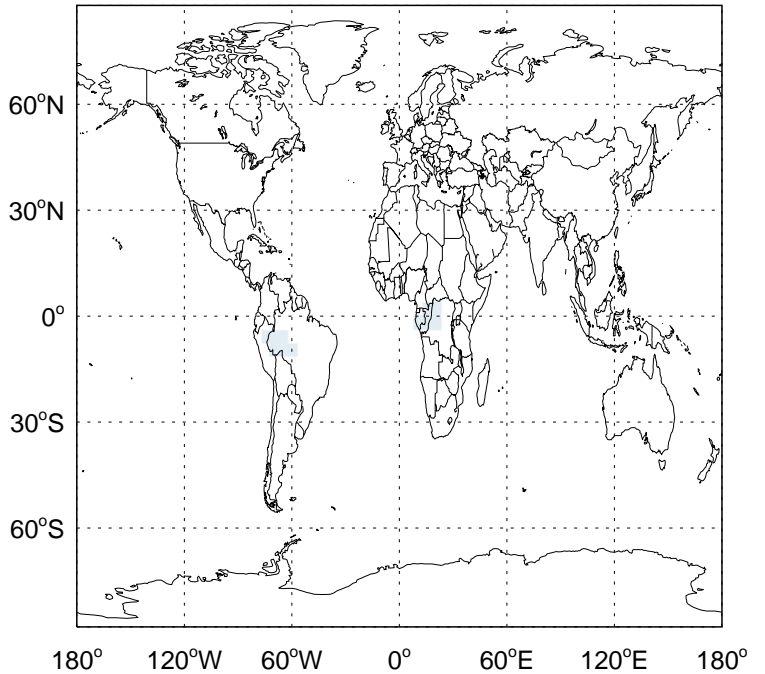
v11-02a - v11-01-public-Run0  
TSOG3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOG3 - Diff @ Surface for Jul

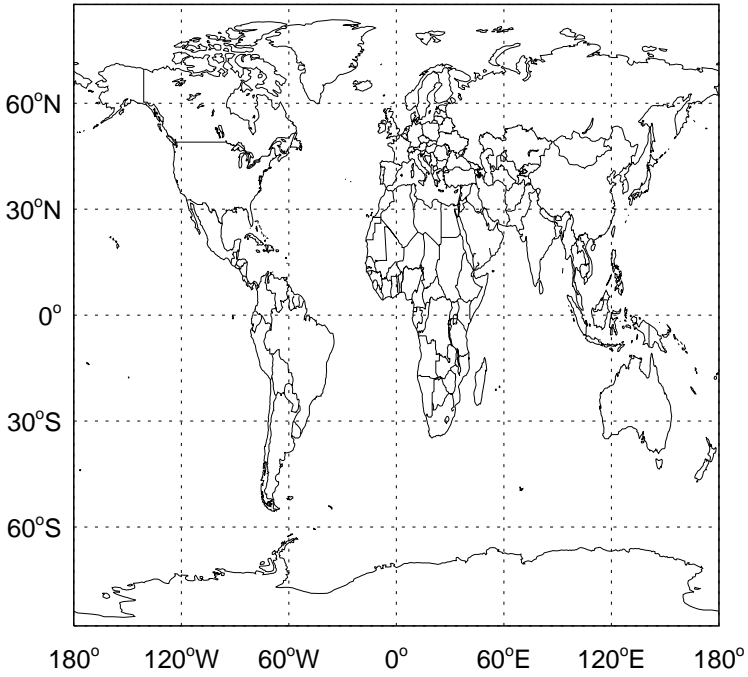


v11-02a - v11-01k-Run0  
TSOG3- Diff @ 500 hPa for Jul

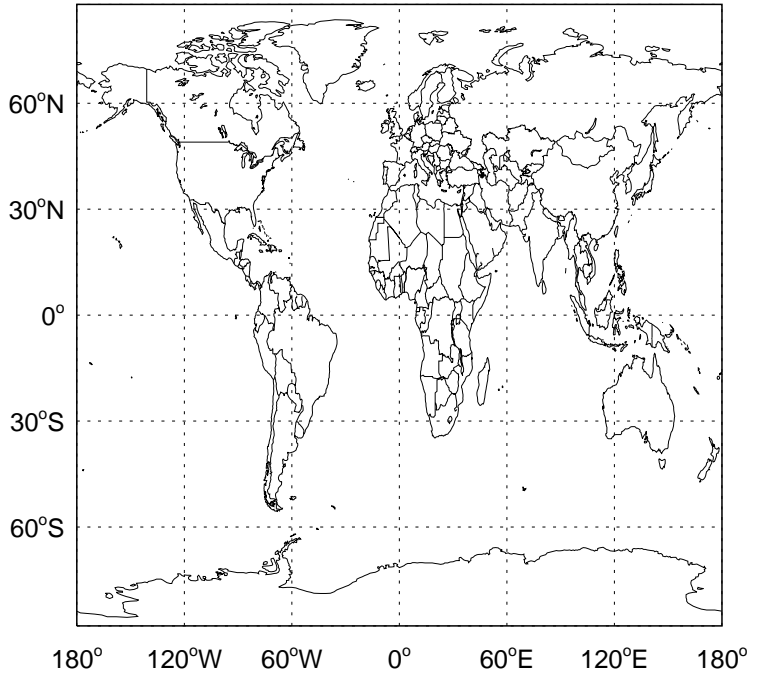


# GEOS-Chem Difference Maps at surface and 500 hPa

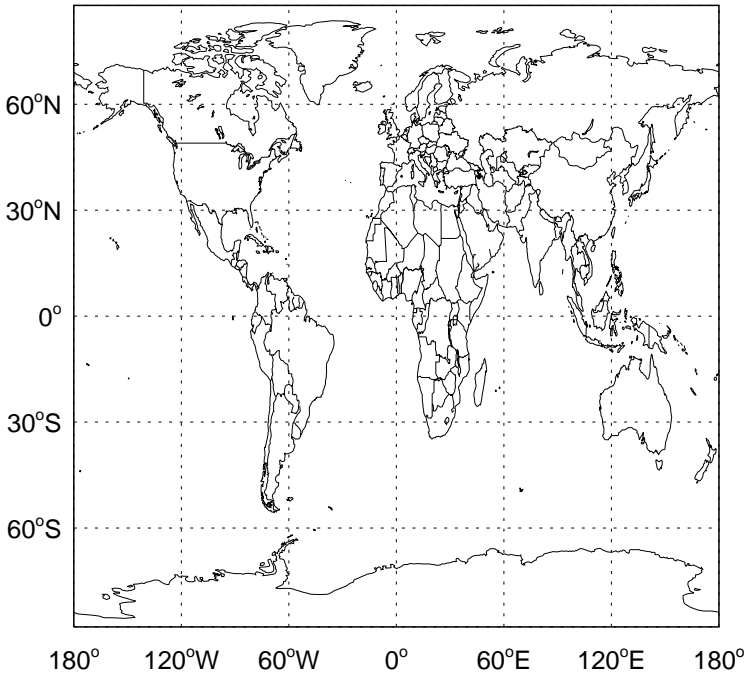
v11-02a - v11-01-public-Run0  
TSOG0 - Diff @ Surface for Jul



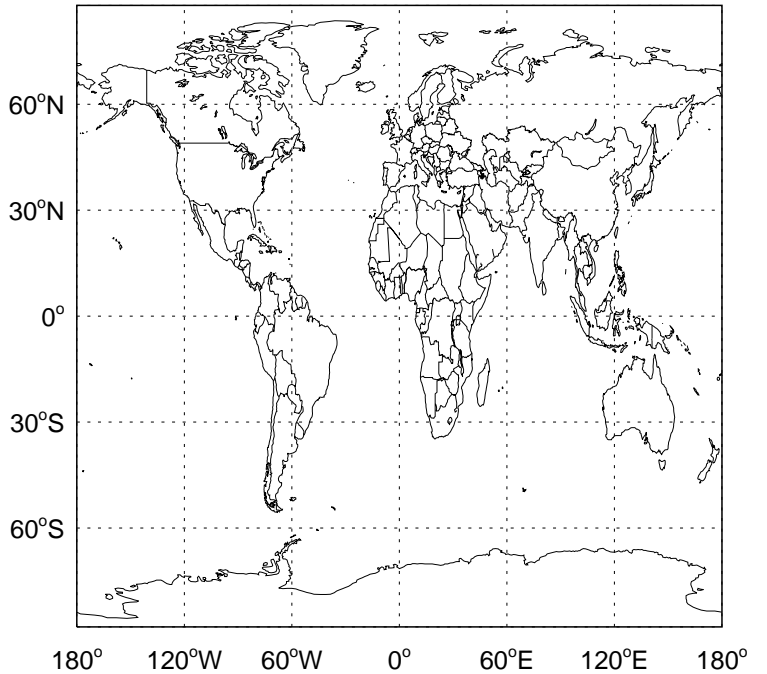
v11-02a - v11-01-public-Run0  
TSOG0- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOG0 - Diff @ Surface for Jul

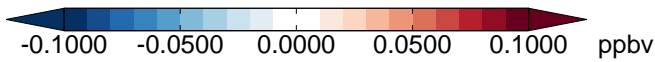
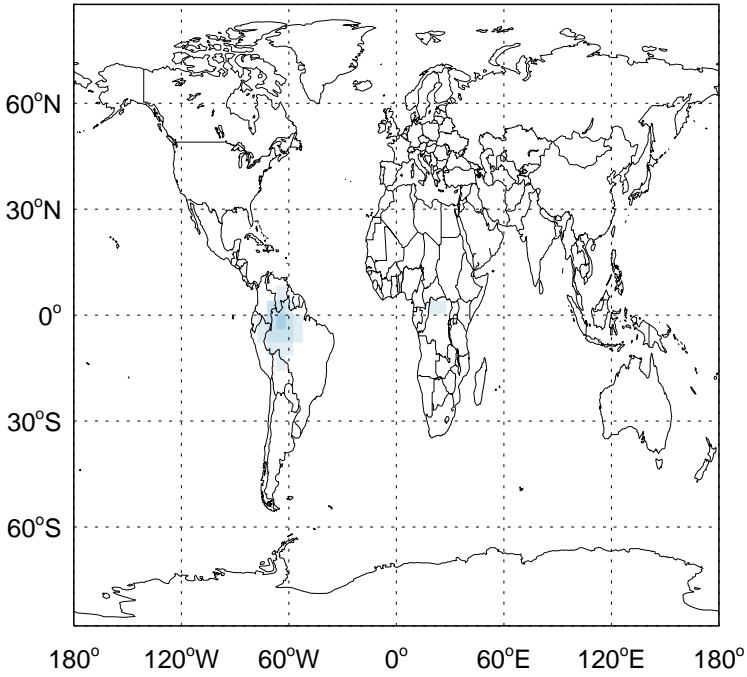


v11-02a - v11-01k-Run0  
TSOG0- Diff @ 500 hPa for Jul

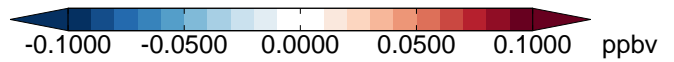


# GEOS-Chem Difference Maps at surface and 500 hPa

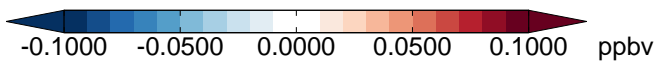
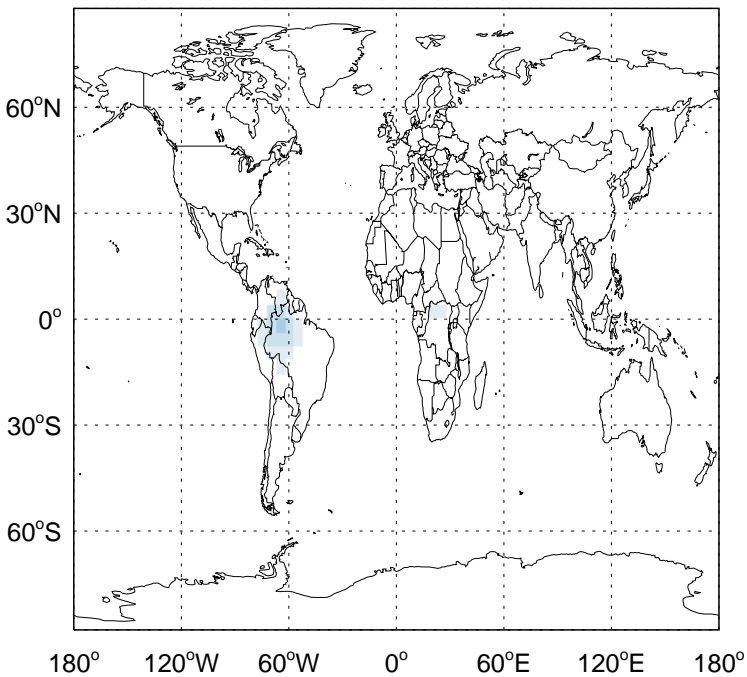
v11-02a - v11-01-public-Run0  
TSOA1 - Diff @ Surface for Jul



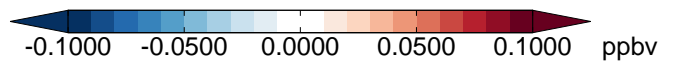
v11-02a - v11-01-public-Run0  
TSOA1- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOA1 - Diff @ Surface for Jul

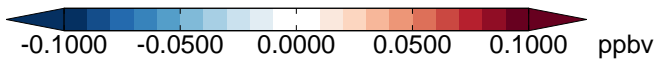
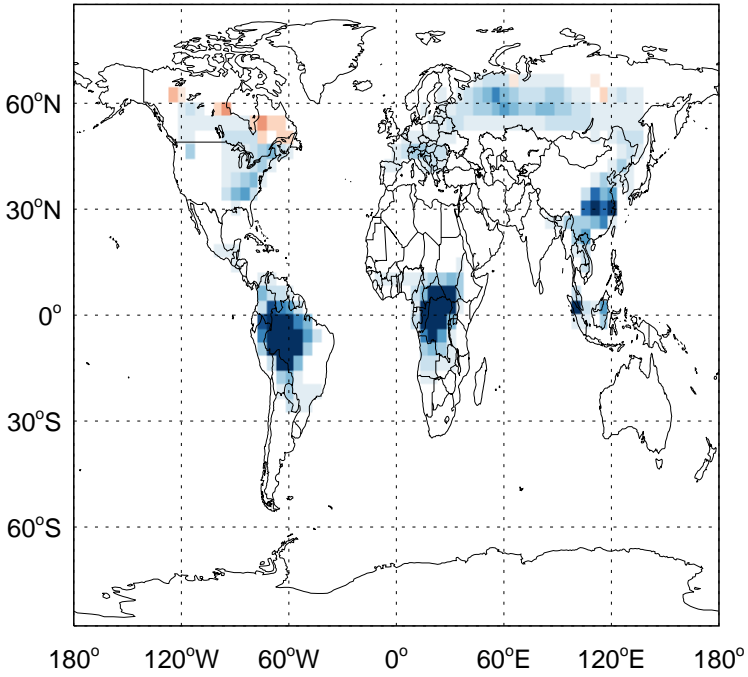


v11-02a - v11-01k-Run0  
TSOA1- Diff @ 500 hPa for Jul

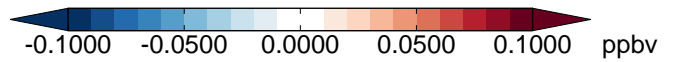


# GEOS-Chem Difference Maps at surface and 500 hPa

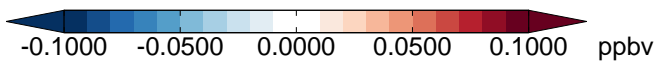
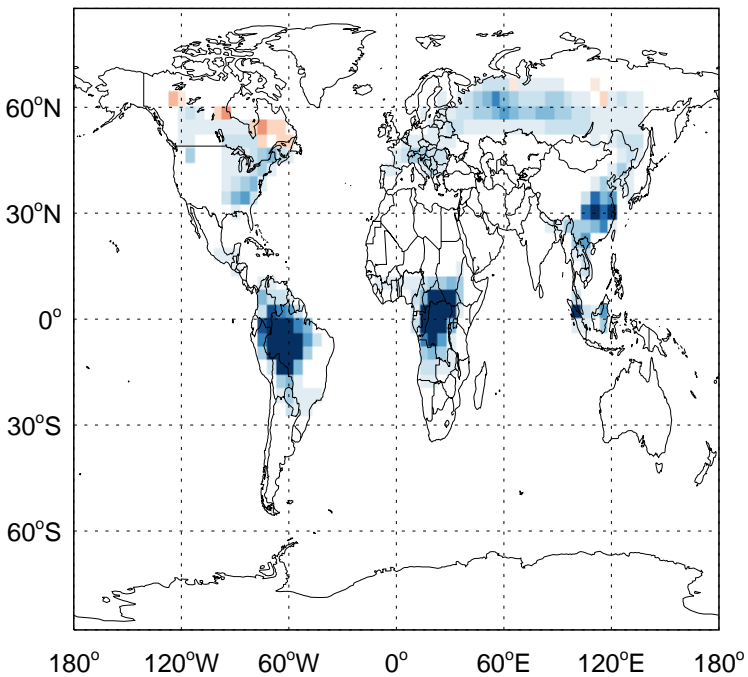
v11-02a - v11-01-public-Run0  
TSOA2 - Diff @ Surface for Jul



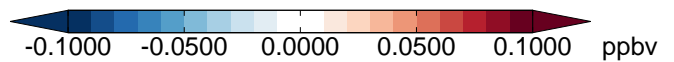
v11-02a - v11-01-public-Run0  
TSOA2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOA2 - Diff @ Surface for Jul

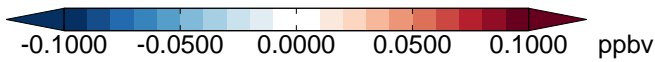
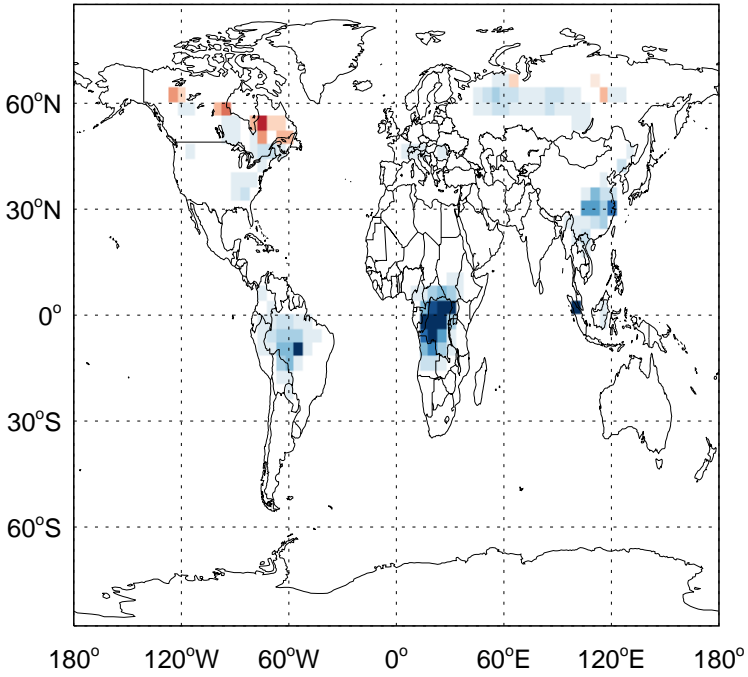


v11-02a - v11-01k-Run0  
TSOA2- Diff @ 500 hPa for Jul

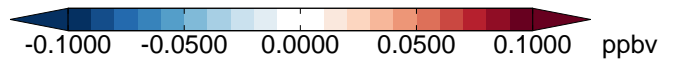


# GEOS-Chem Difference Maps at surface and 500 hPa

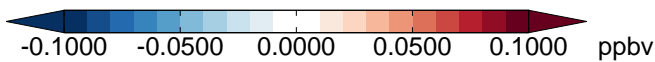
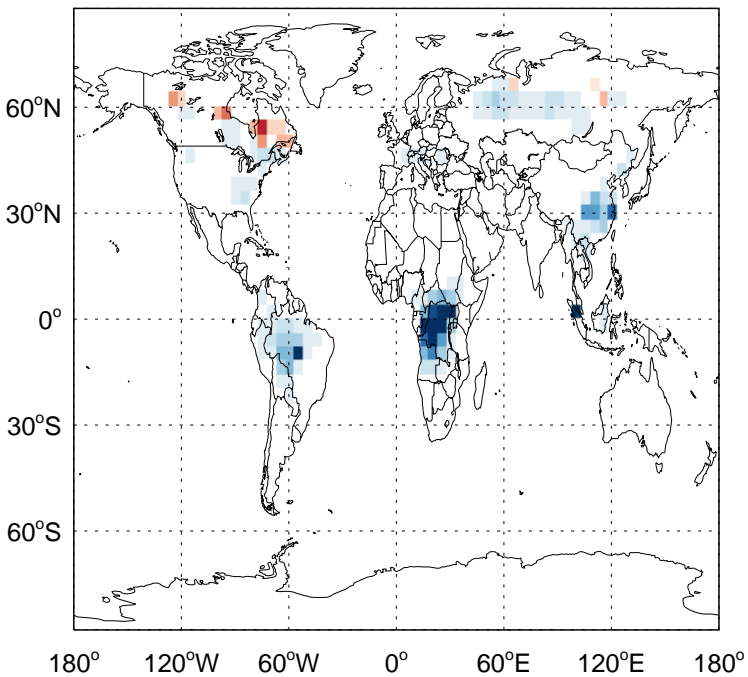
v11-02a - v11-01-public-Run0  
TSOA3 - Diff @ Surface for Jul



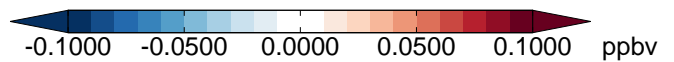
v11-02a - v11-01-public-Run0  
TSOA3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOA3 - Diff @ Surface for Jul

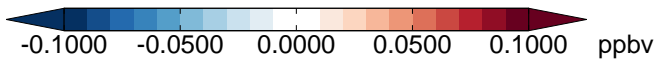
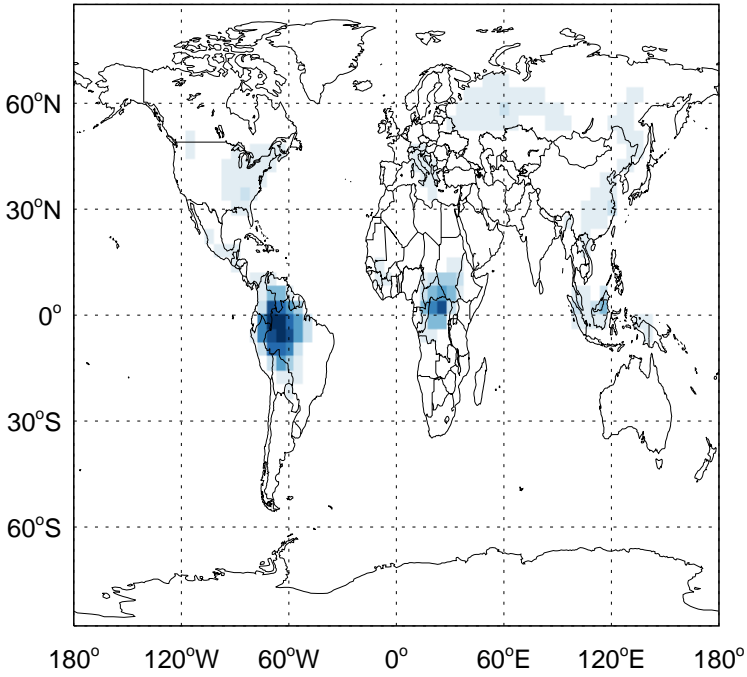


v11-02a - v11-01k-Run0  
TSOA3- Diff @ 500 hPa for Jul

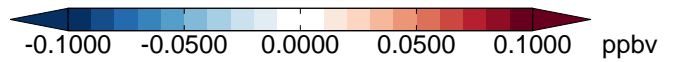


# GEOS-Chem Difference Maps at surface and 500 hPa

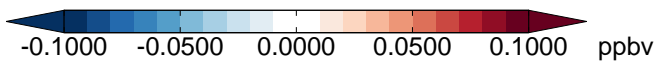
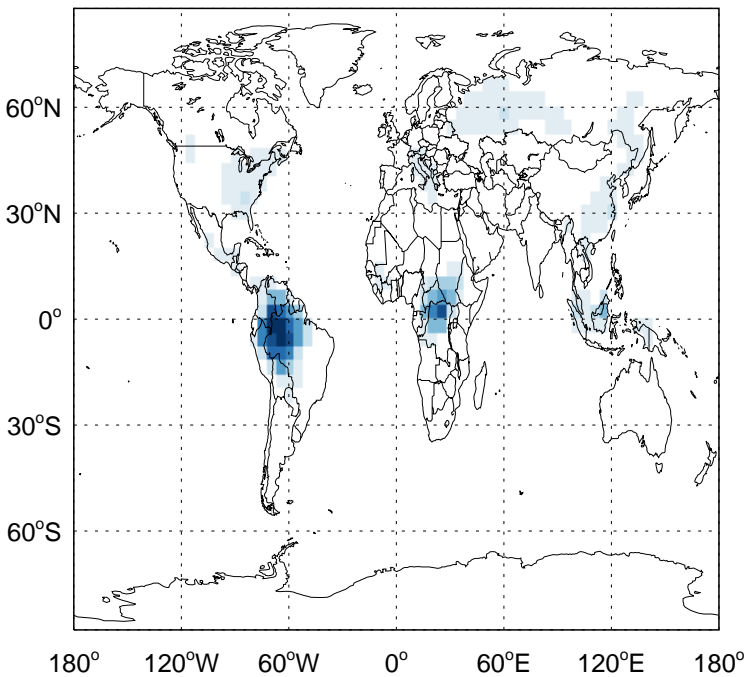
v11-02a - v11-01-public-Run0  
TSOA0 - Diff @ Surface for Jul



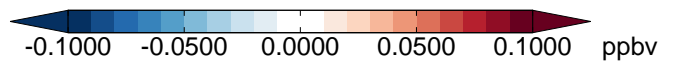
v11-02a - v11-01-public-Run0  
TSOA0- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TSOA0 - Diff @ Surface for Jul

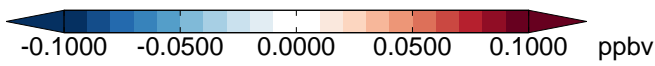


v11-02a - v11-01k-Run0  
TSOA0- Diff @ 500 hPa for Jul

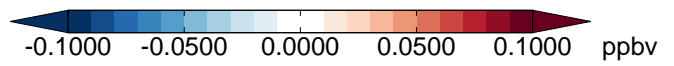


# GEOS-Chem Difference Maps at surface and 500 hPa

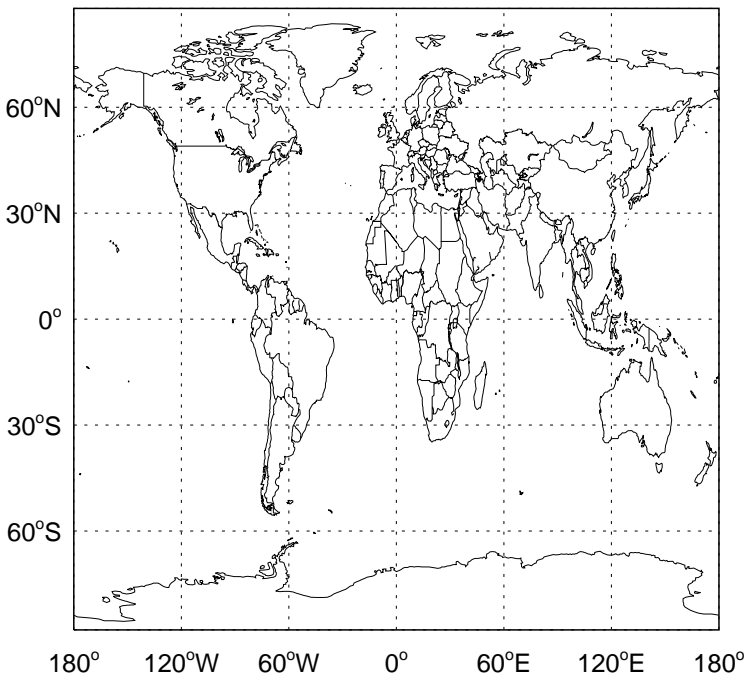
v11-02a - v11-01-public-Run0  
ISOG1 - Diff @ Surface for Jul



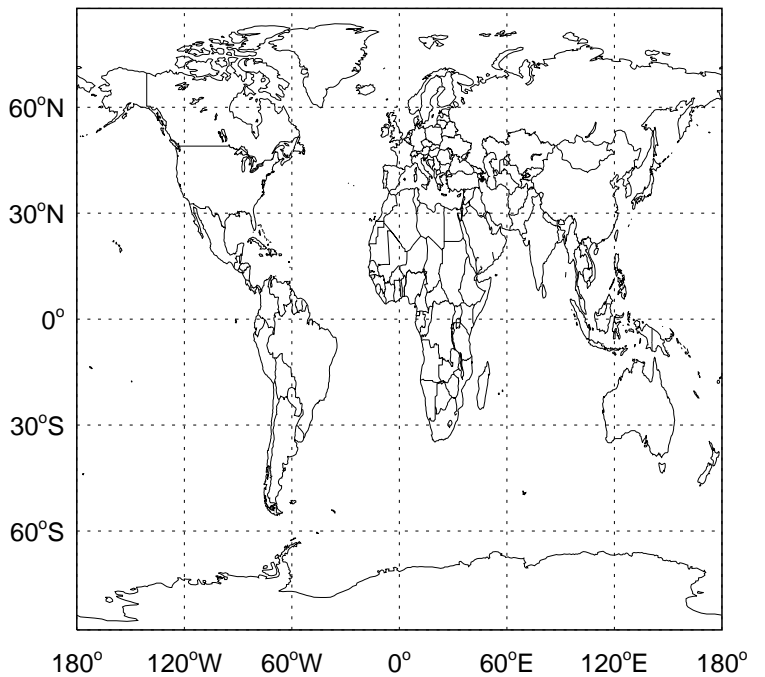
v11-02a - v11-01-public-Run0  
ISOG1- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOG1 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
ISOG1- Diff @ 500 hPa for Jul





# GEOS-Chem Difference Maps at surface and 500 hPa

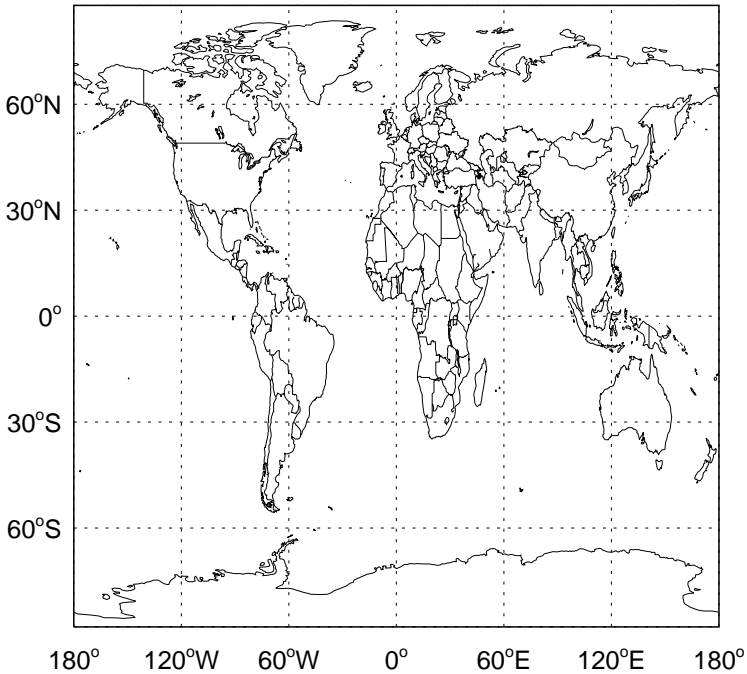
v11-02a - v11-01-public-Run0  
ISOG2 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOG2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOG2 - Diff @ Surface for Jul

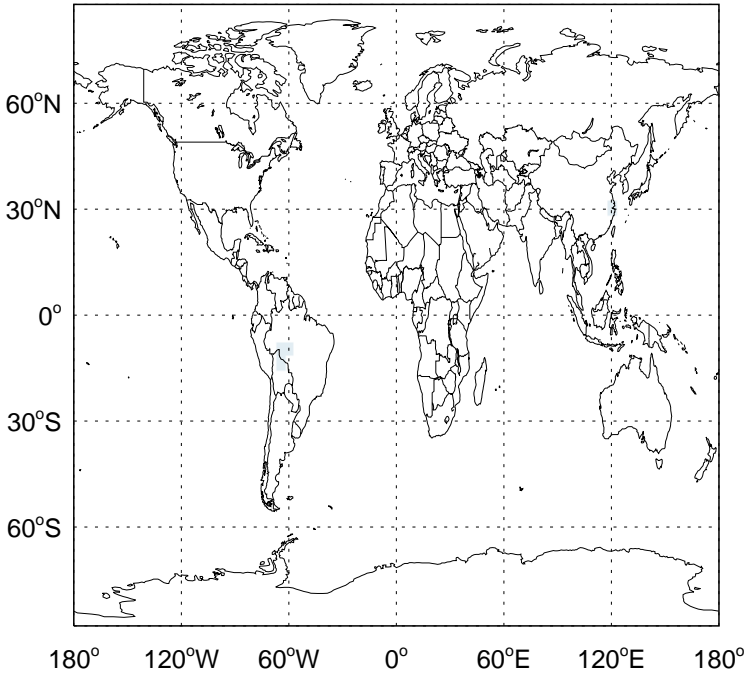


v11-02a - v11-01k-Run0  
ISOG2- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

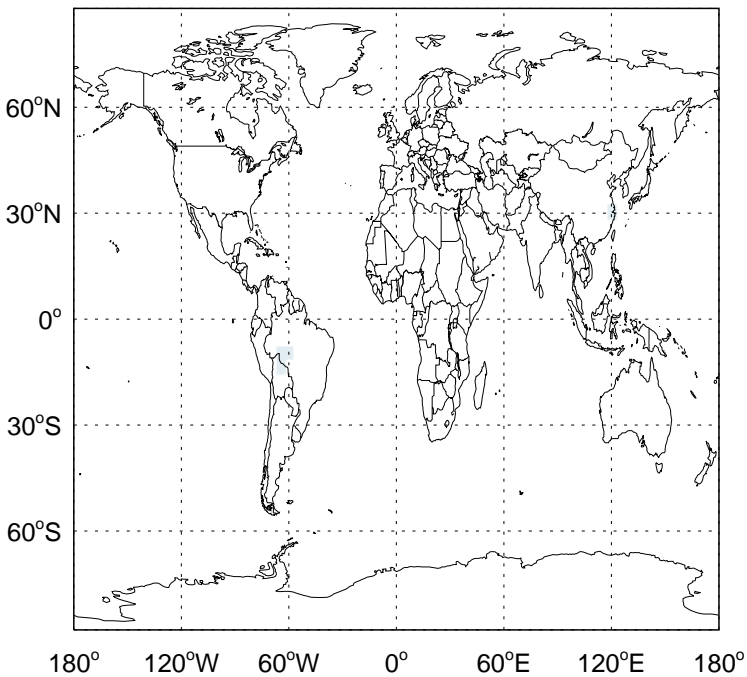
v11-02a - v11-01-public-Run0  
ISOG3 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOG3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOG3 - Diff @ Surface for Jul

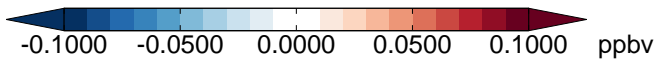
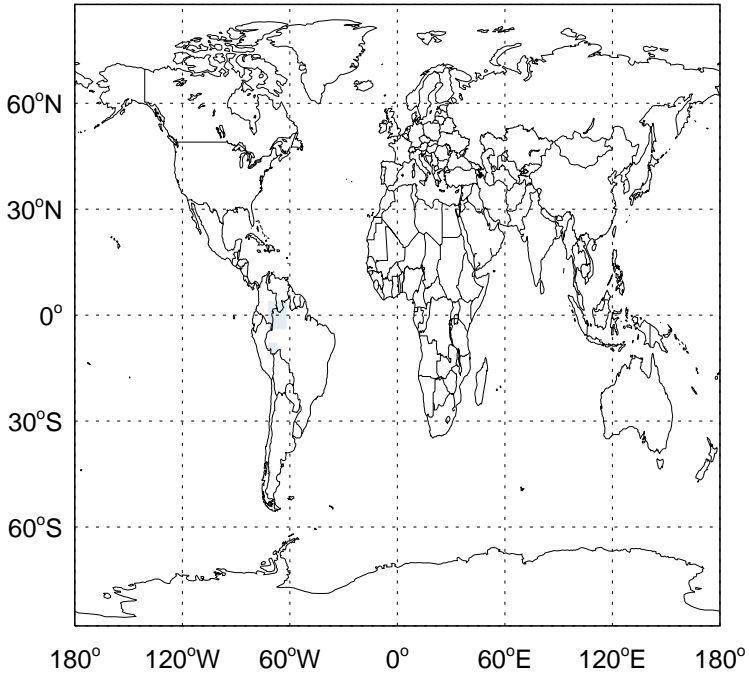


v11-02a - v11-01k-Run0  
ISOG3- Diff @ 500 hPa for Jul

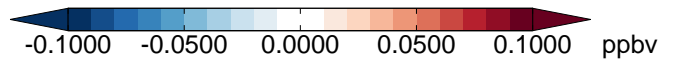


# GEOS-Chem Difference Maps at surface and 500 hPa

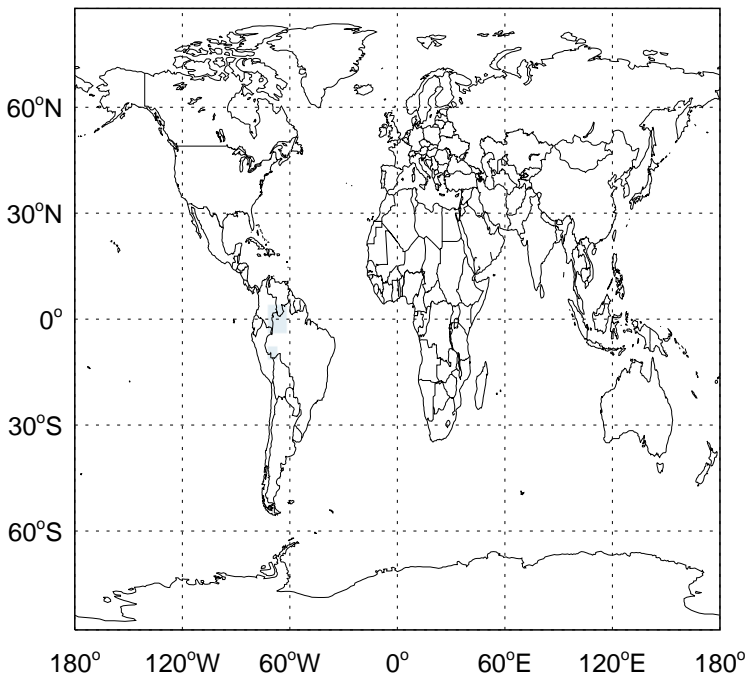
v11-02a - v11-01-public-Run0  
ISOA1 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOA1- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOA1 - Diff @ Surface for Jul

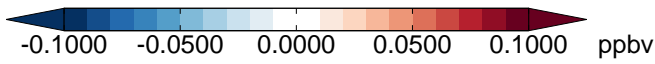
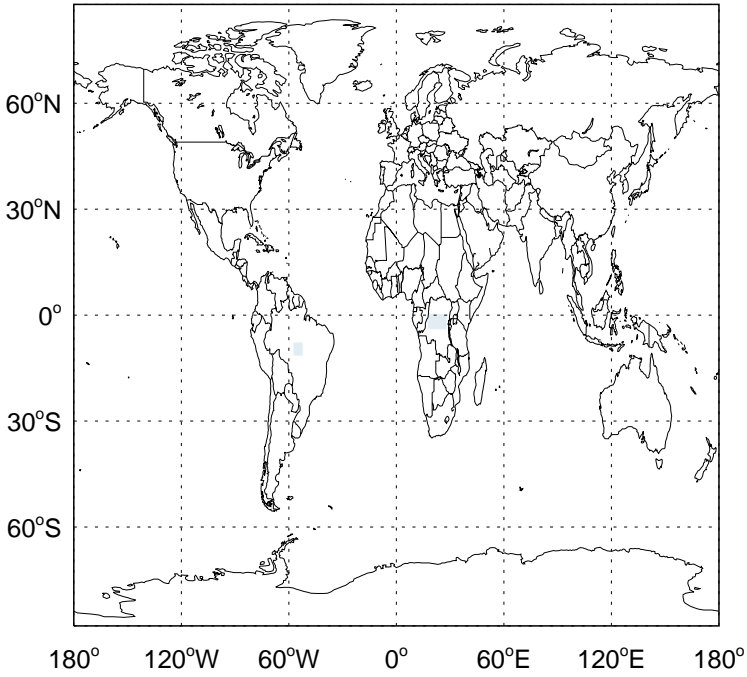


v11-02a - v11-01k-Run0  
ISOA1- Diff @ 500 hPa for Jul

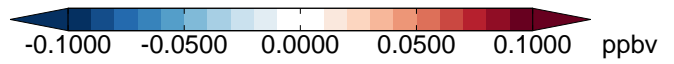


# GEOS-Chem Difference Maps at surface and 500 hPa

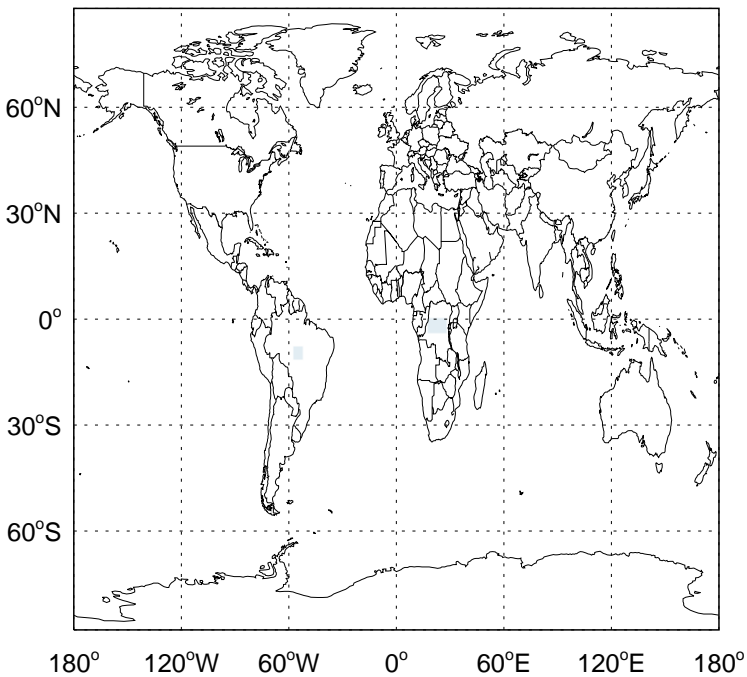
v11-02a - v11-01-public-Run0  
ISOA2 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOA2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOA2 - Diff @ Surface for Jul

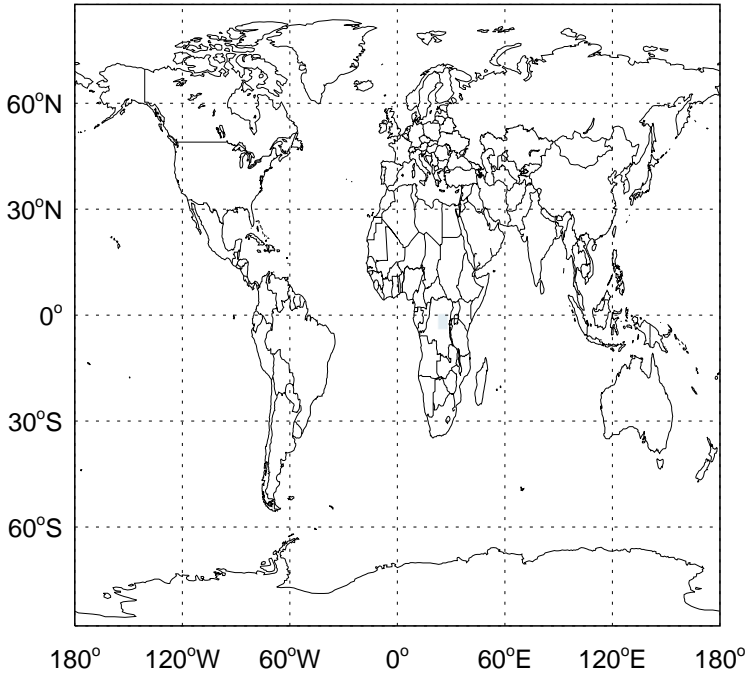


v11-02a - v11-01k-Run0  
ISOA2- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

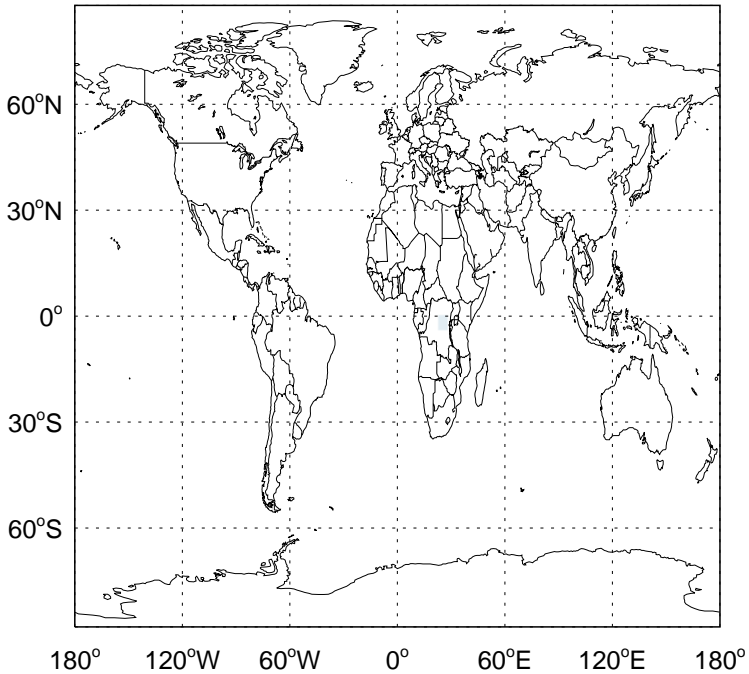
v11-02a - v11-01-public-Run0  
ISOA3 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ISOA3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ISOA3 - Diff @ Surface for Jul

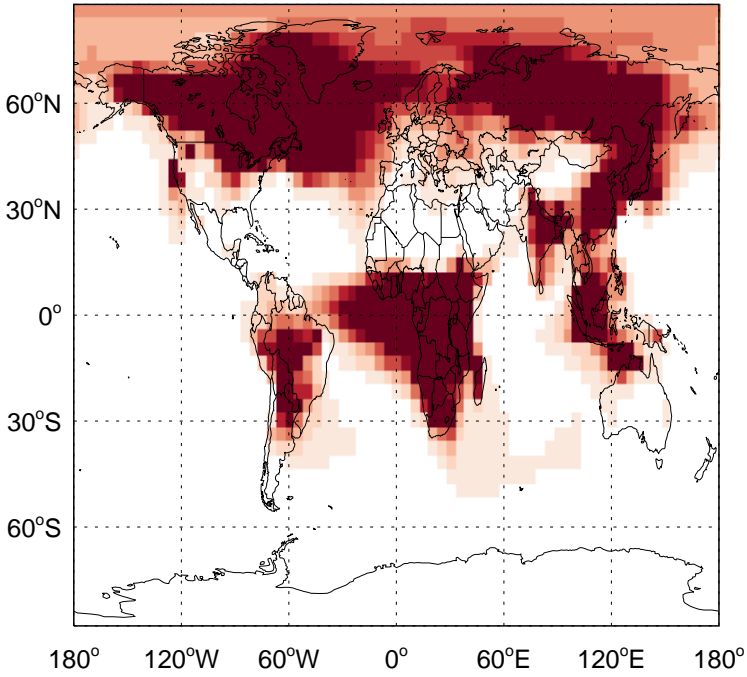


v11-02a - v11-01k-Run0  
ISOA3- Diff @ 500 hPa for Jul

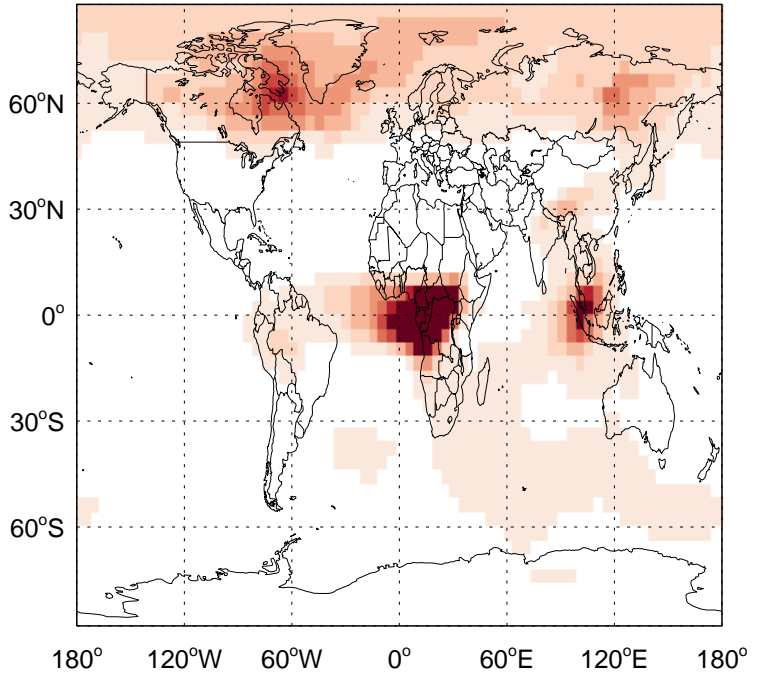


# GEOS-Chem Difference Maps at surface and 500 hPa

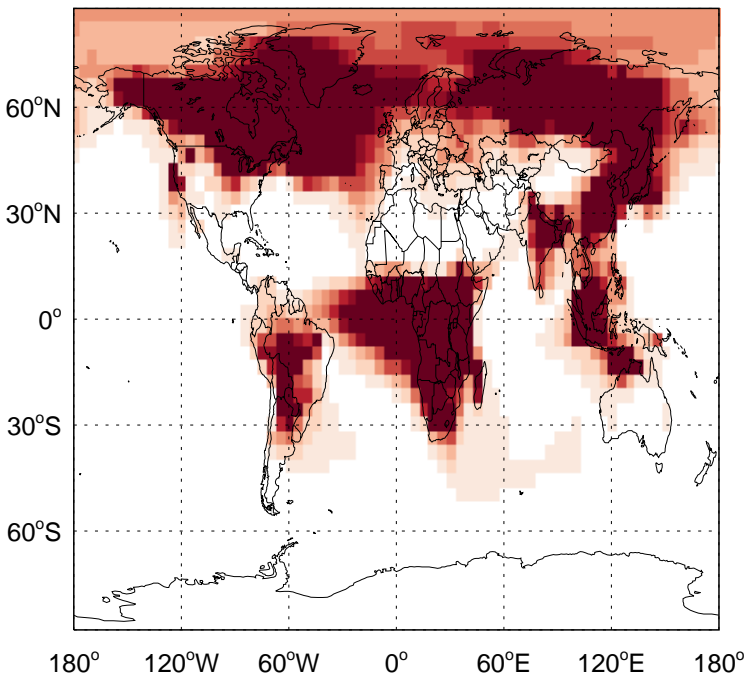
v11-02a - v11-01-public-Run0  
BENZ - Diff @ Surface for Jul



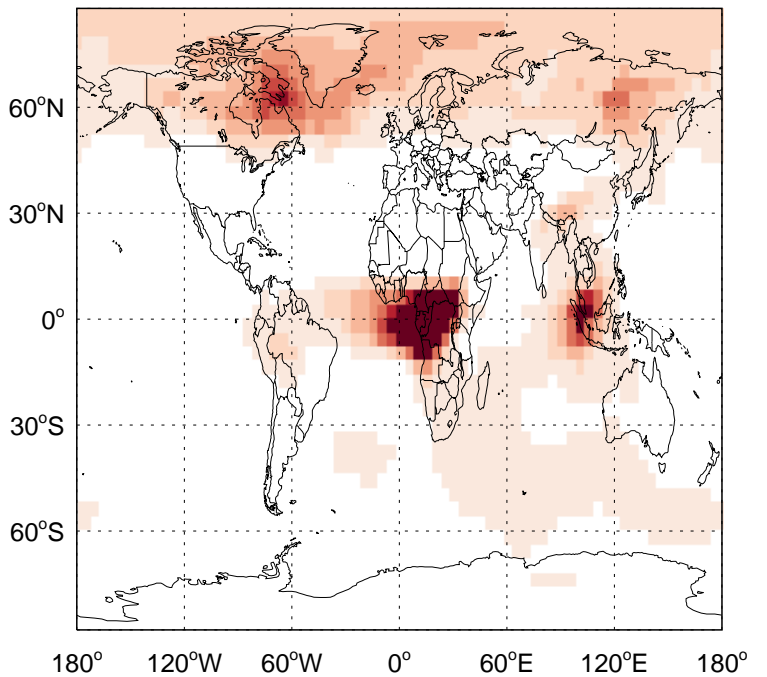
v11-02a - v11-01-public-Run0  
BENZ- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
BENZ - Diff @ Surface for Jul

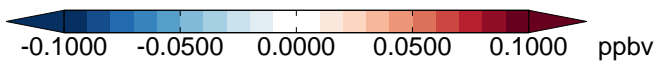
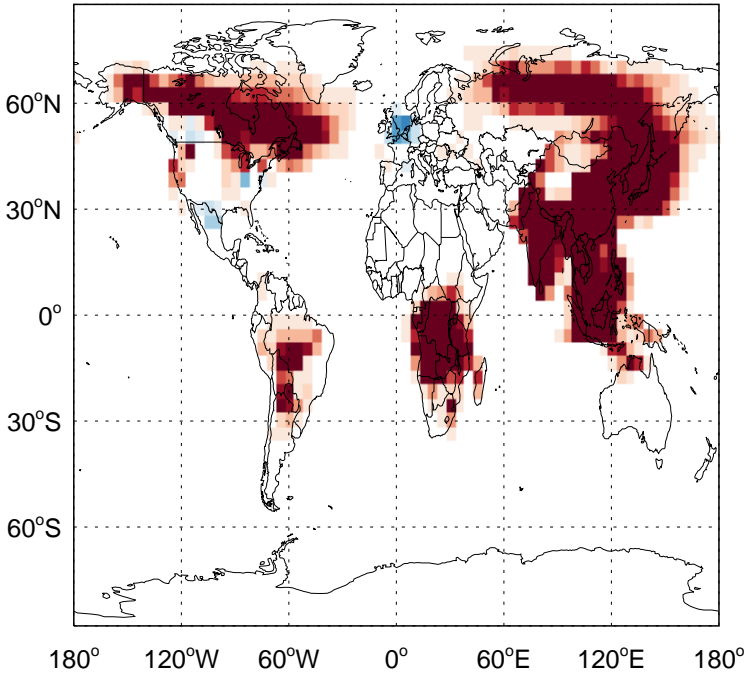


v11-02a - v11-01k-Run0  
BENZ- Diff @ 500 hPa for Jul

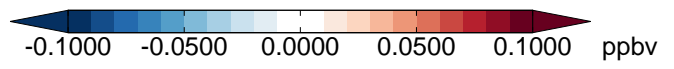
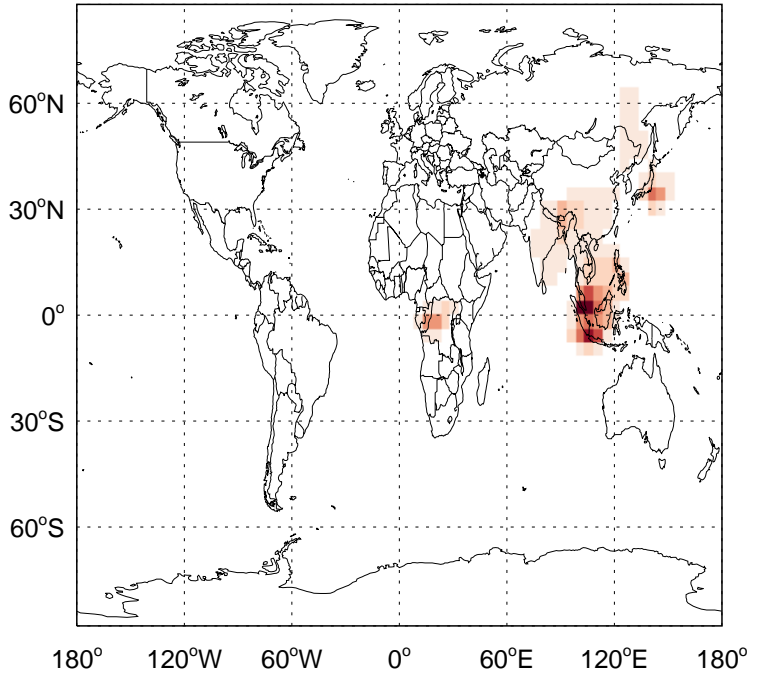


# GEOS-Chem Difference Maps at surface and 500 hPa

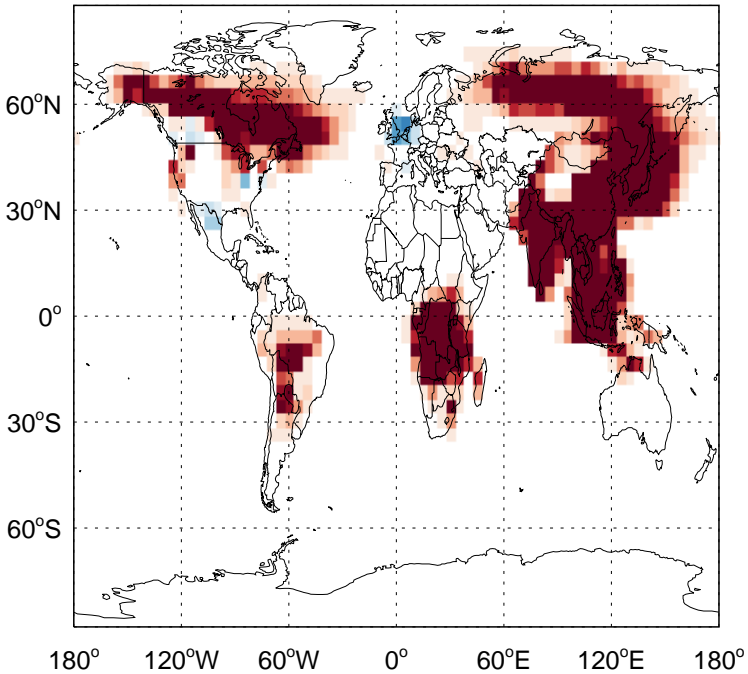
v11-02a - v11-01-public-Run0  
TOLU - Diff @ Surface for Jul



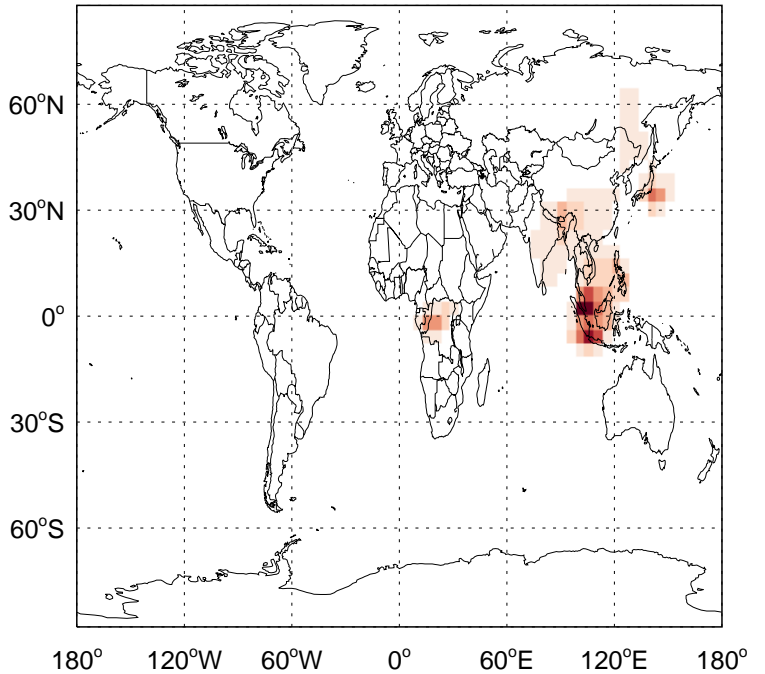
v11-02a - v11-01-public-Run0  
TOLU- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
TOLU - Diff @ Surface for Jul



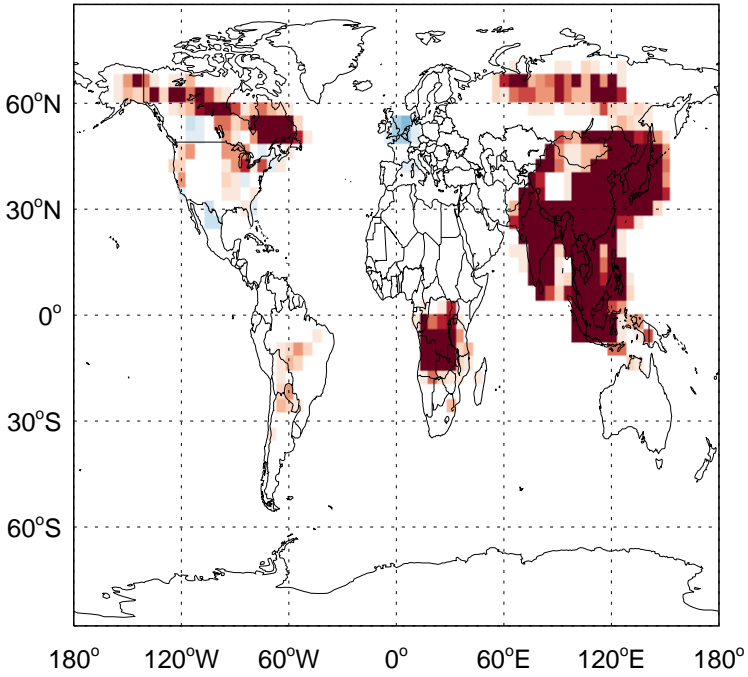
v11-02a - v11-01k-Run0  
TOLU- Diff @ 500 hPa for Jul



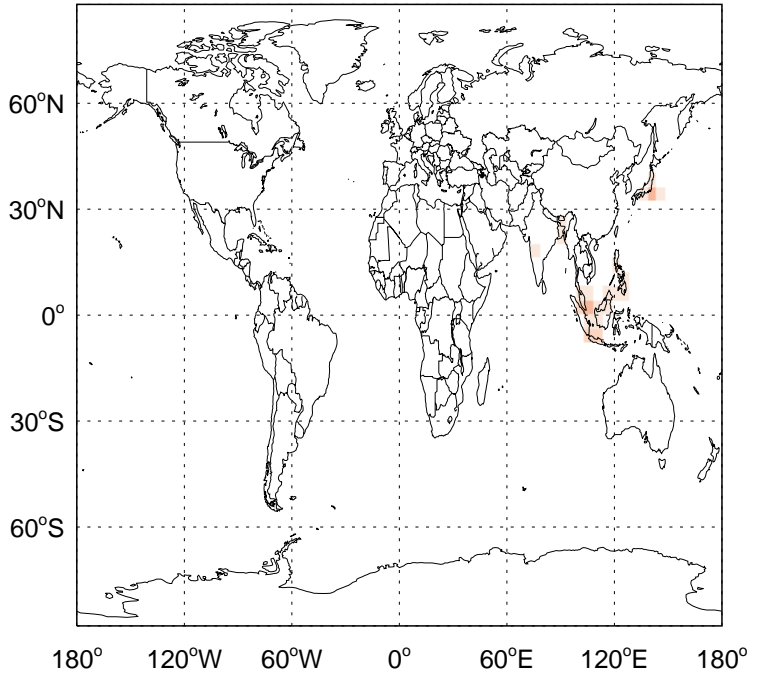


# GEOS-Chem Difference Maps at surface and 500 hPa

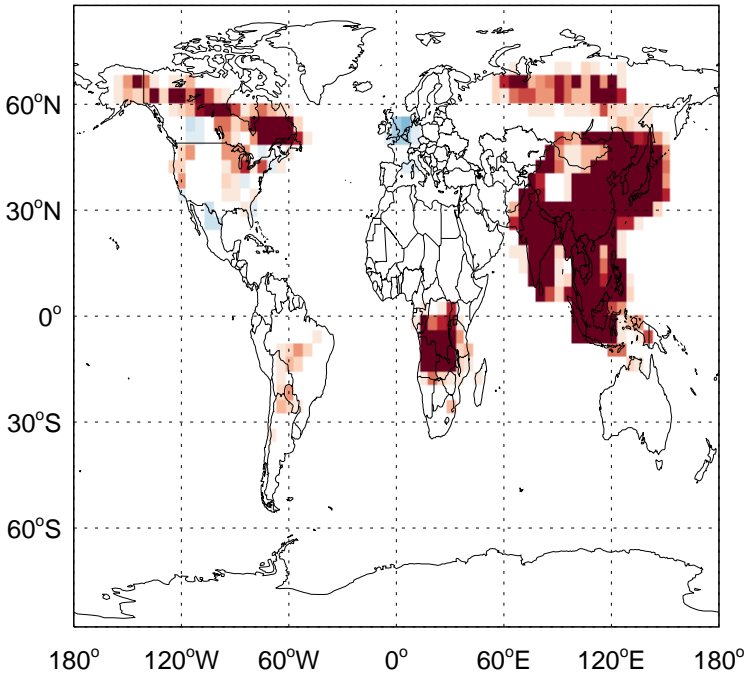
v11-02a - v11-01-public-Run0  
XYLE - Diff @ Surface for Jul



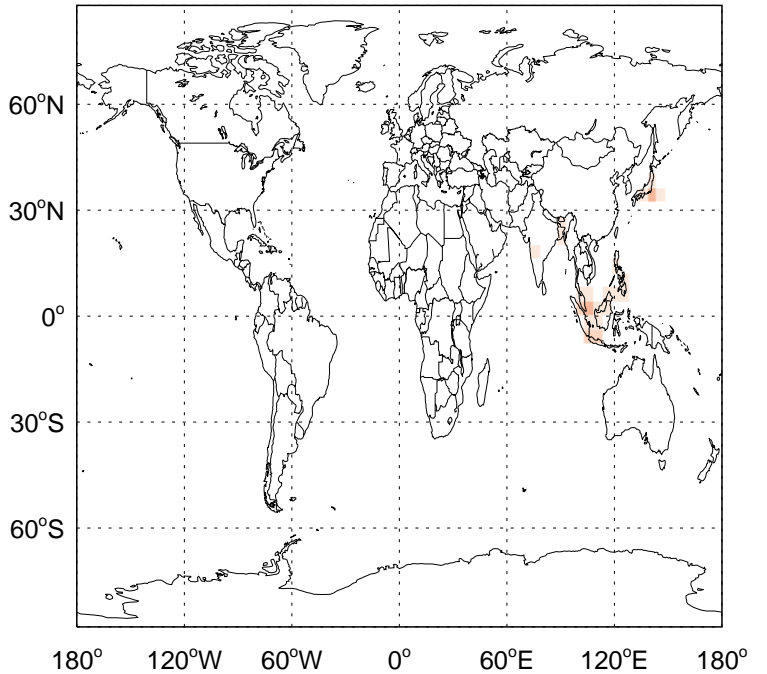
v11-02a - v11-01-public-Run0  
XYLE- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
XYLE - Diff @ Surface for Jul

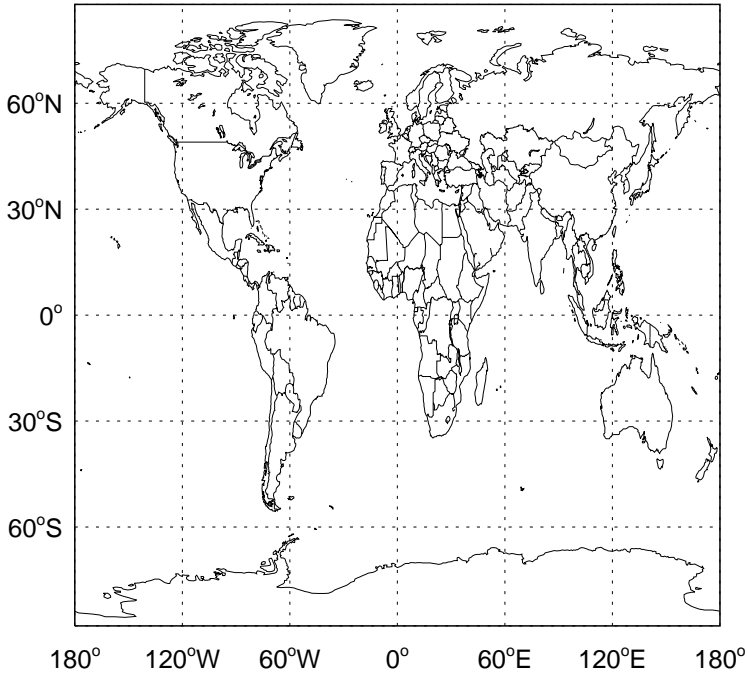


v11-02a - v11-01k-Run0  
XYLE- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

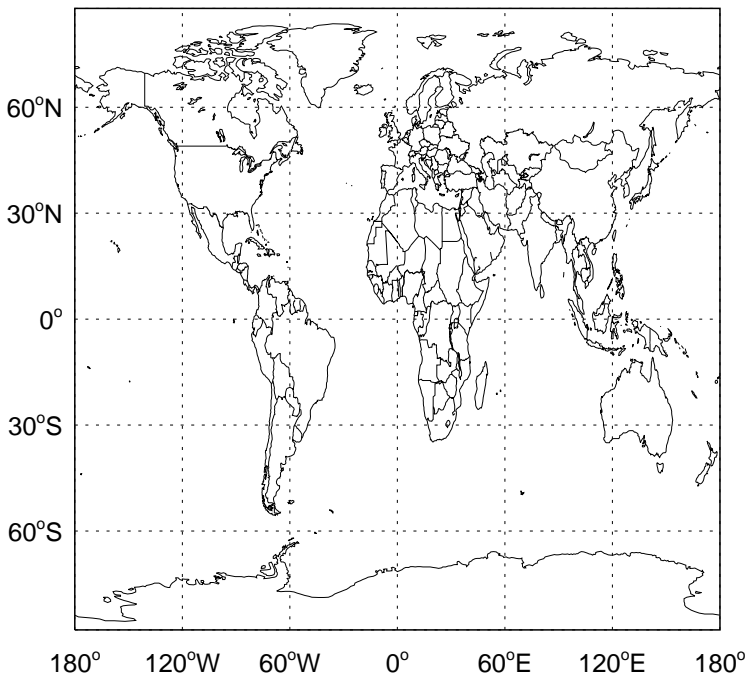
v11-02a - v11-01-public-Run0  
ASOG1 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ASOG1- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOG1 - Diff @ Surface for Jul

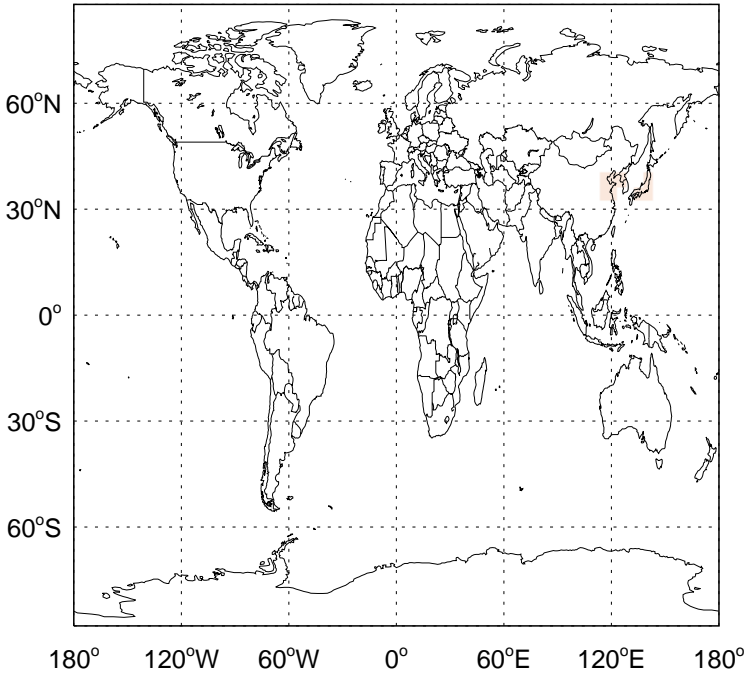


v11-02a - v11-01k-Run0  
ASOG1- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

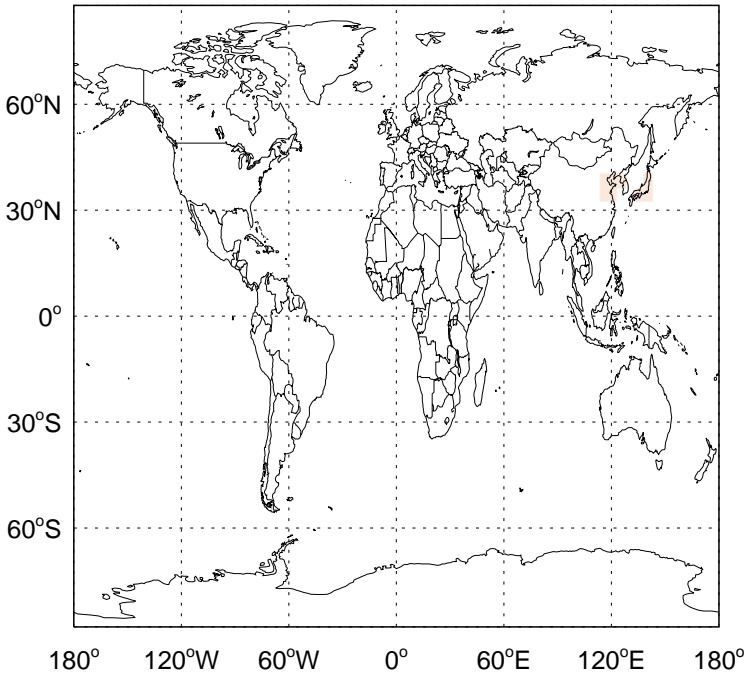
v11-02a - v11-01-public-Run0  
ASOG2 - Diff @ Surface for Jul



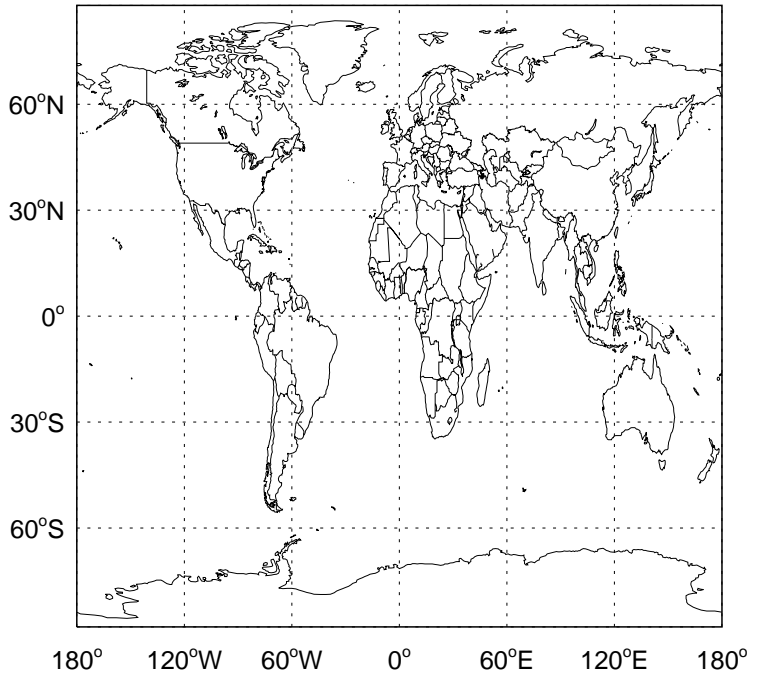
v11-02a - v11-01-public-Run0  
ASOG2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOG2 - Diff @ Surface for Jul

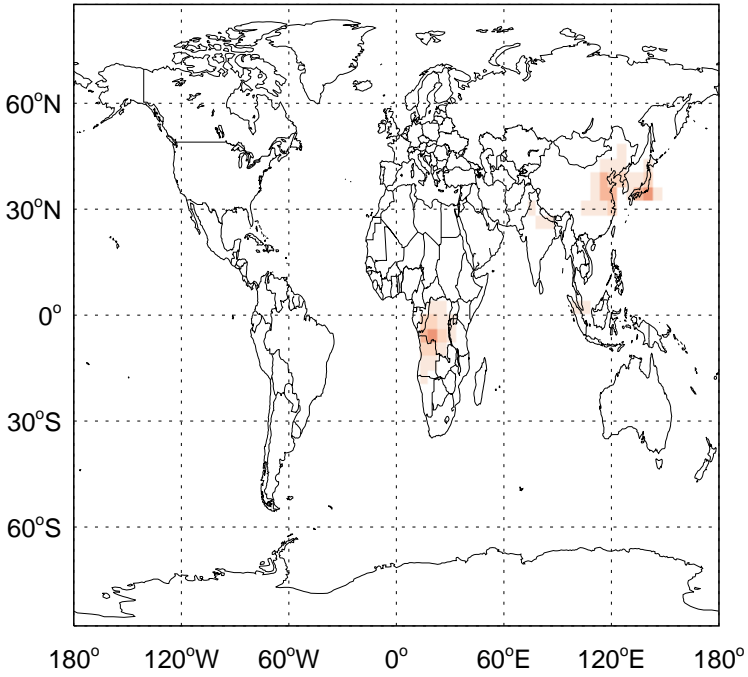


v11-02a - v11-01k-Run0  
ASOG2- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

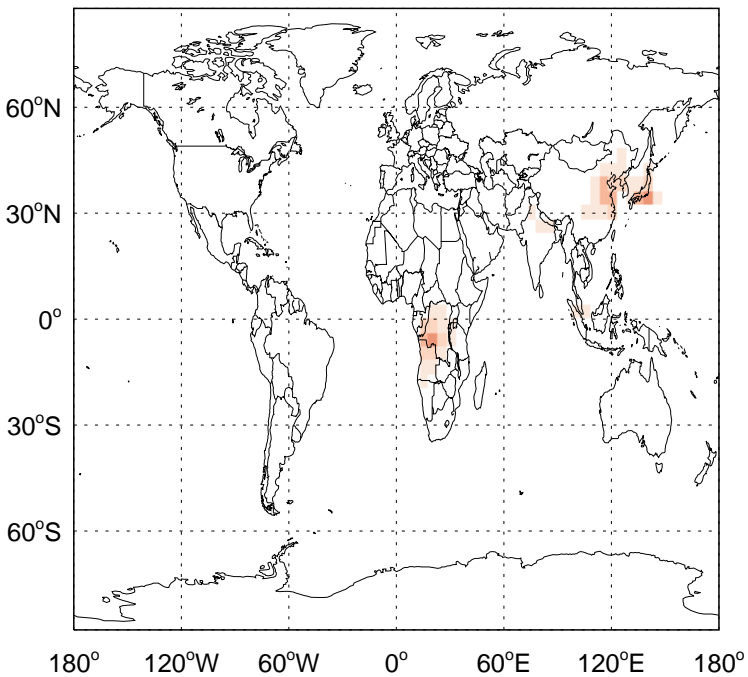
v11-02a - v11-01-public-Run0  
ASOG3 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ASOG3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOG3 - Diff @ Surface for Jul

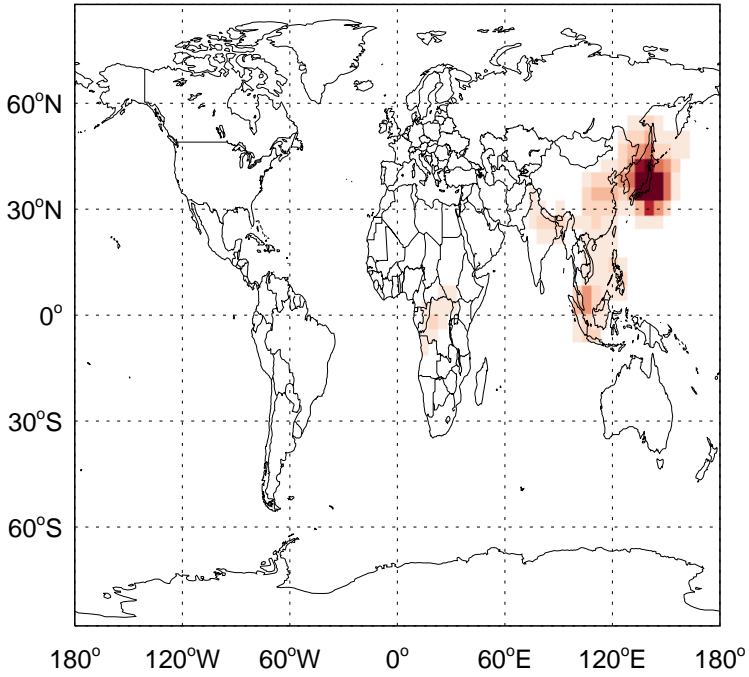


v11-02a - v11-01k-Run0  
ASOG3- Diff @ 500 hPa for Jul

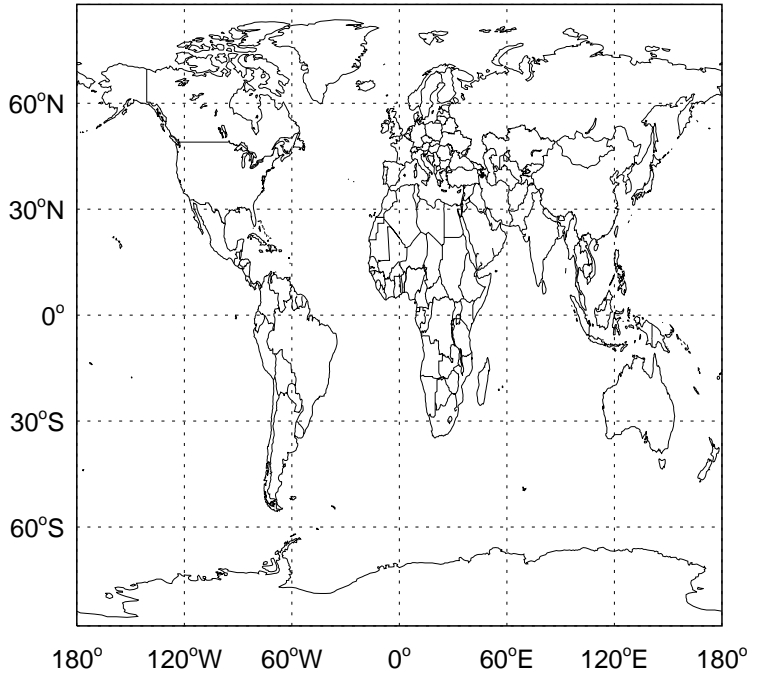


# GEOS-Chem Difference Maps at surface and 500 hPa

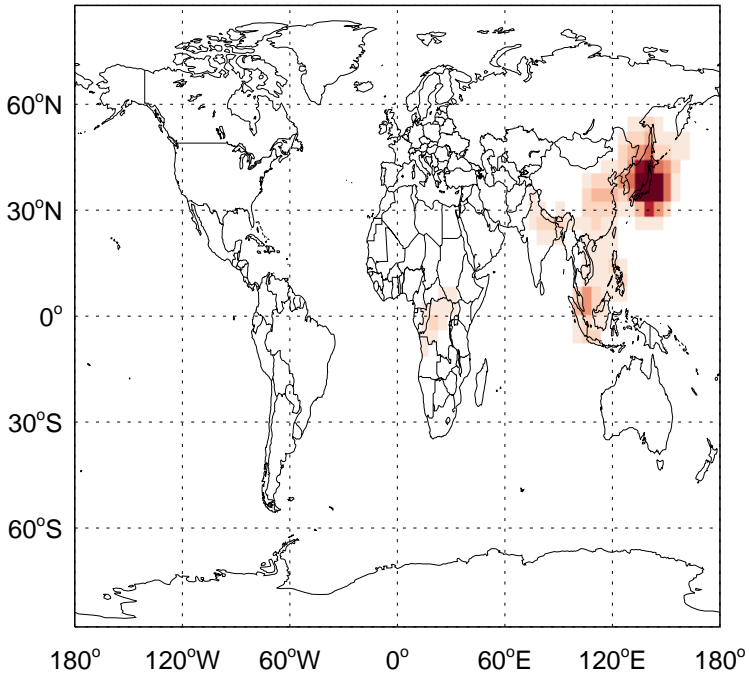
v11-02a - v11-01-public-Run0  
ASOAN - Diff @ Surface for Jul



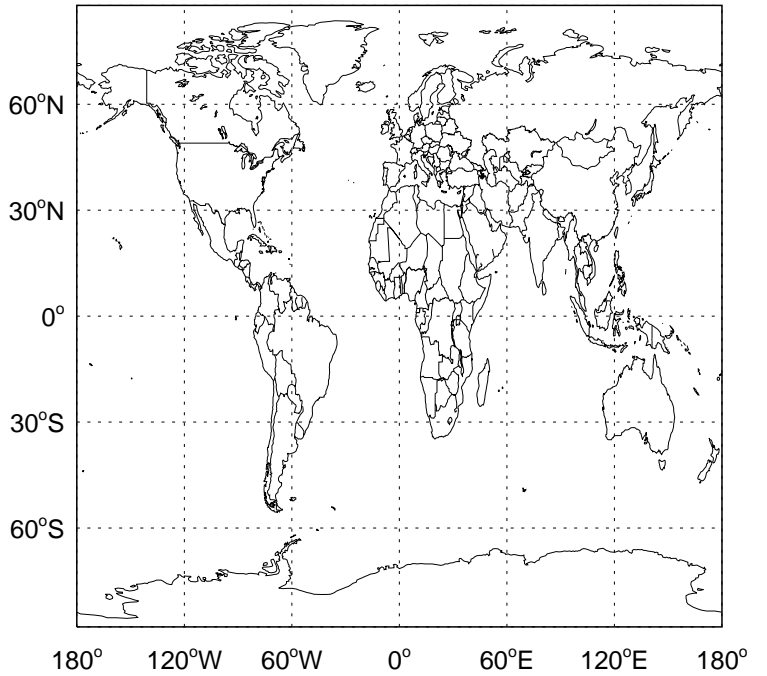
v11-02a - v11-01-public-Run0  
ASOAN- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOAN - Diff @ Surface for Jul

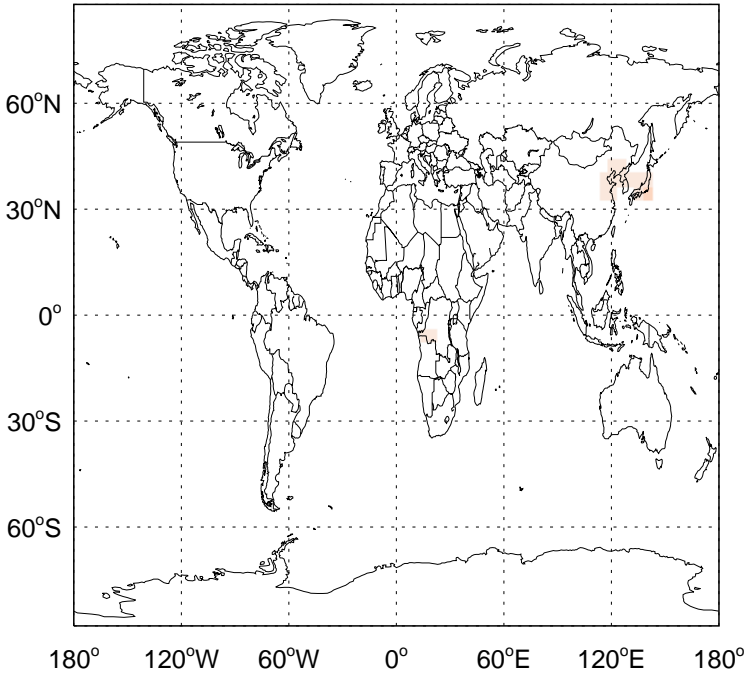


v11-02a - v11-01k-Run0  
ASOAN- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

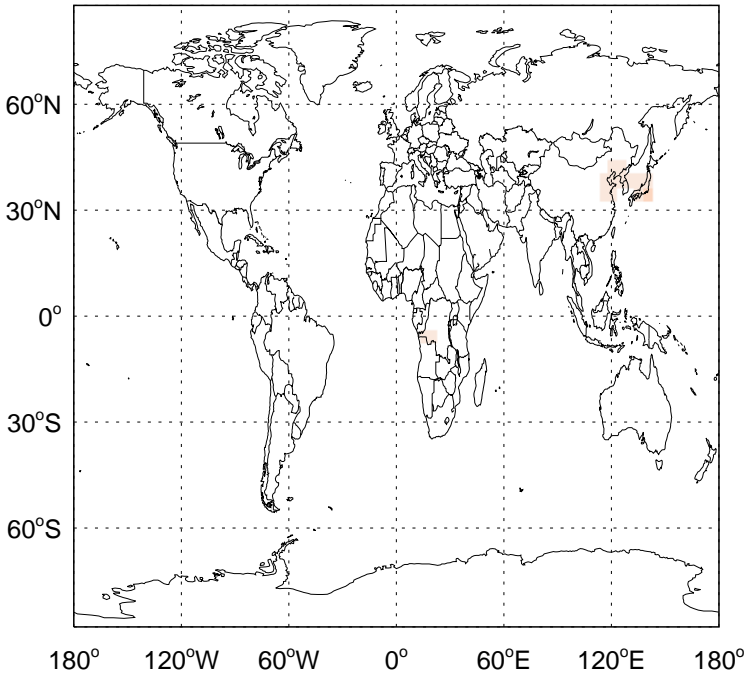
v11-02a - v11-01-public-Run0  
ASOA1 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ASOA1- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOA1 - Diff @ Surface for Jul

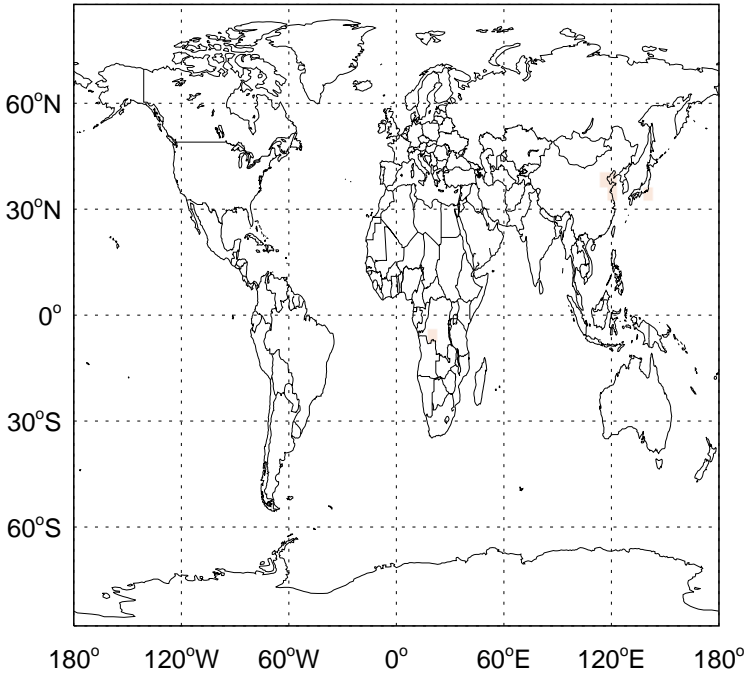


v11-02a - v11-01k-Run0  
ASOA1- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

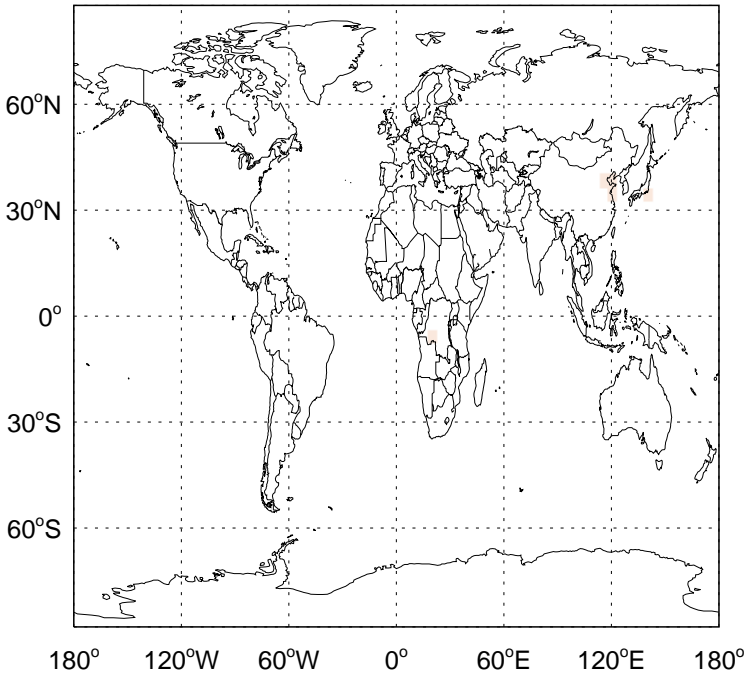
v11-02a - v11-01-public-Run0  
ASOA2 - Diff @ Surface for Jul



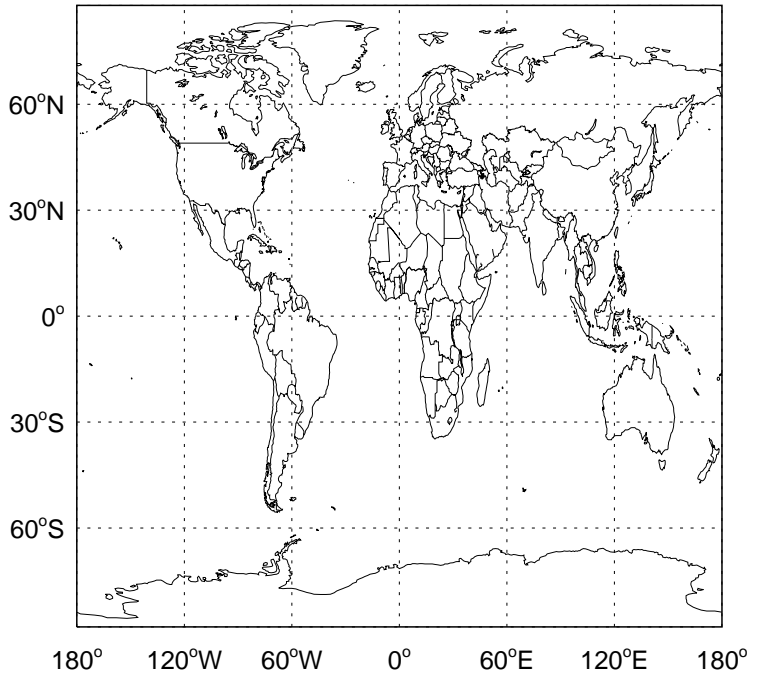
v11-02a - v11-01-public-Run0  
ASOA2- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOA2 - Diff @ Surface for Jul



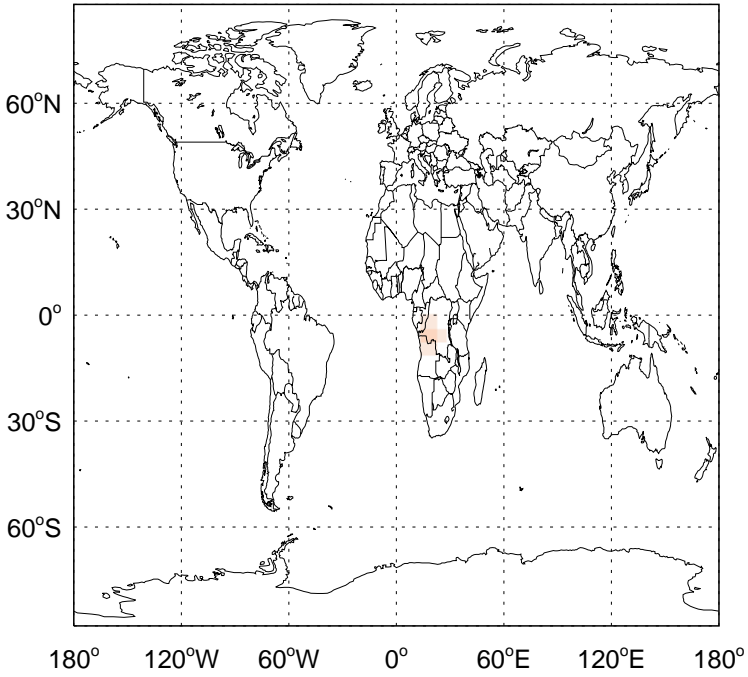
v11-02a - v11-01k-Run0  
ASOA2- Diff @ 500 hPa for Jul





# GEOS-Chem Difference Maps at surface and 500 hPa

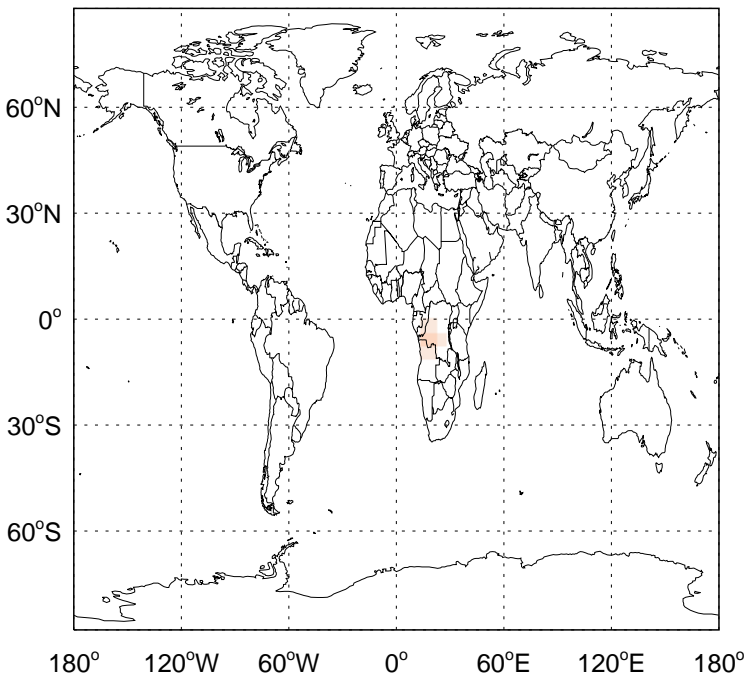
v11-02a - v11-01-public-Run0  
ASOA3 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
ASOA3- Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
ASOA3 - Diff @ Surface for Jul



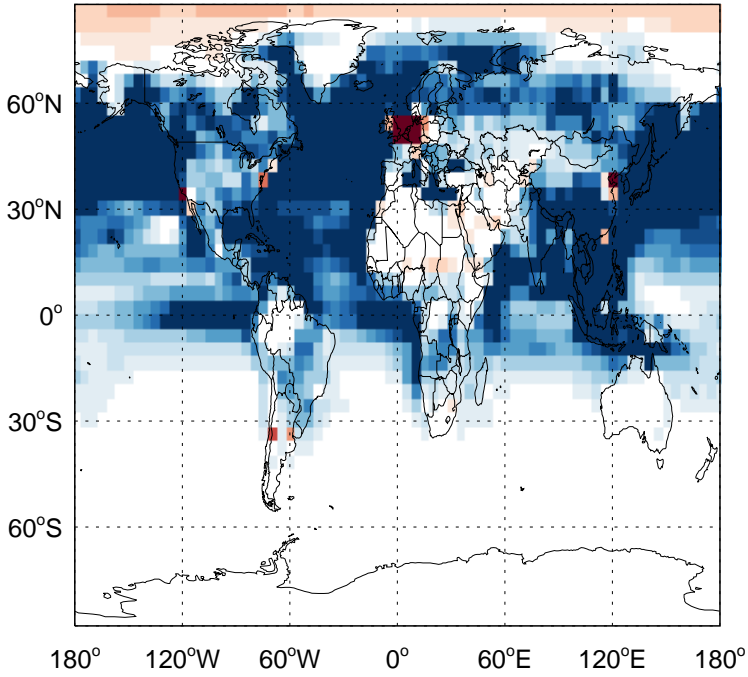
v11-02a - v11-01k-Run0  
ASOA3- Diff @ 500 hPa for Jul



# GEOS-Chem Difference Maps at surface and 500 hPa

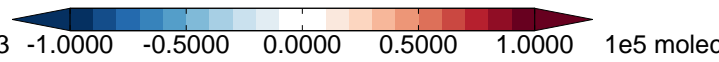
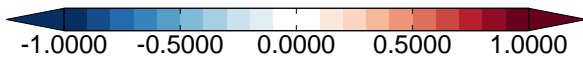
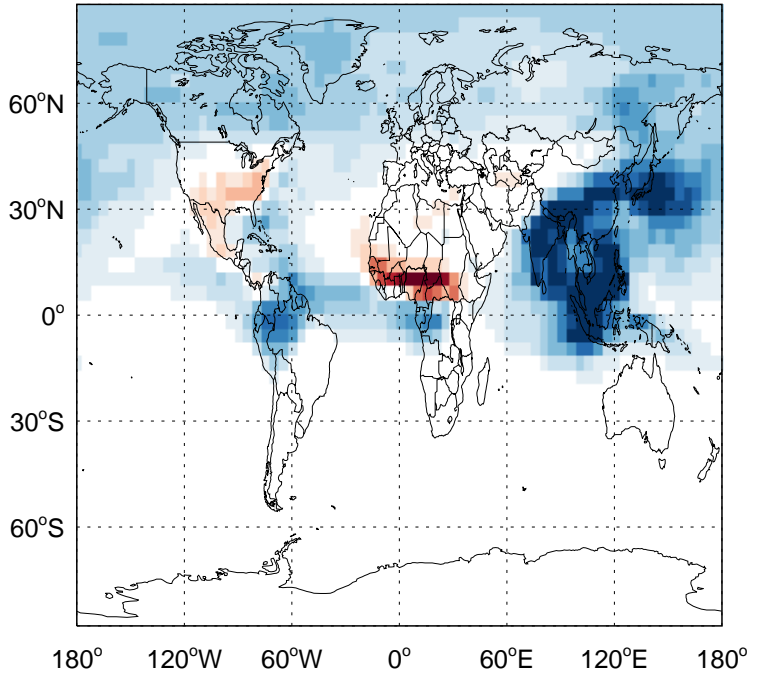
v11-02a - v11-01-public-Run0

OH - Diff @ Surface for Jul



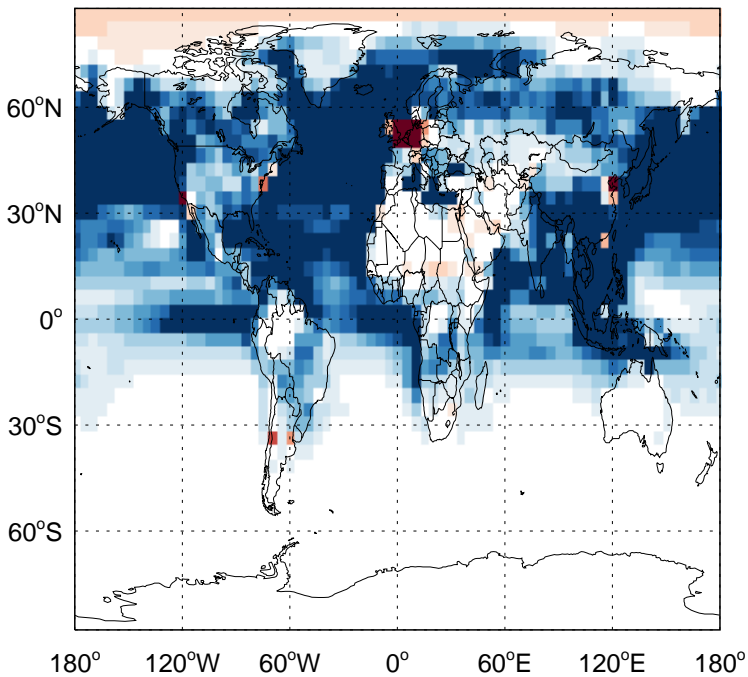
v11-02a - v11-01-public-Run0

OH - Diff @ 500 hPa for Jul



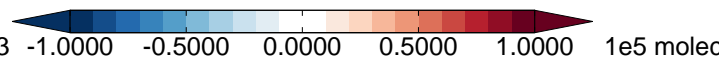
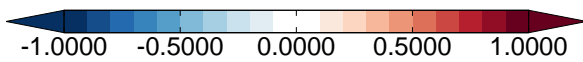
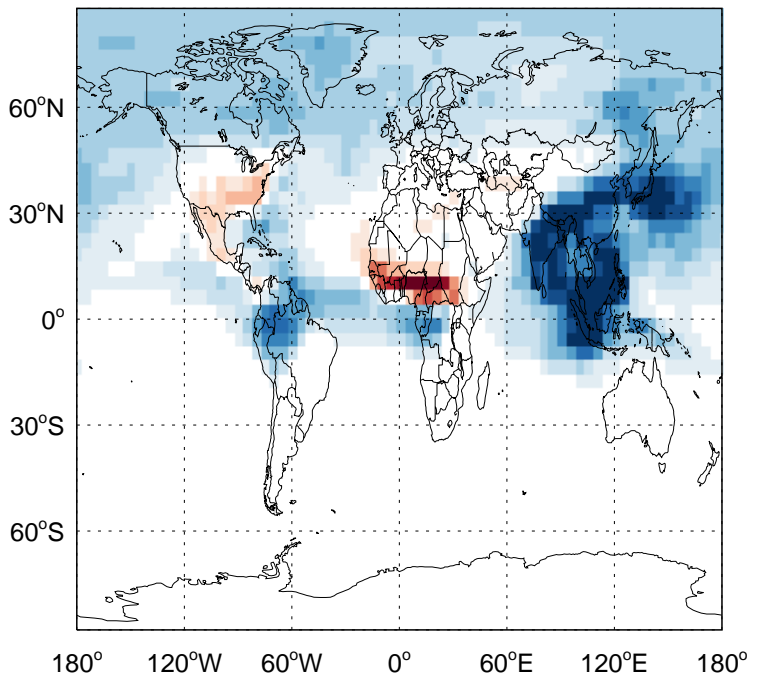
v11-02a - v11-01k-Run0

OH - Diff @ Surface for Jul



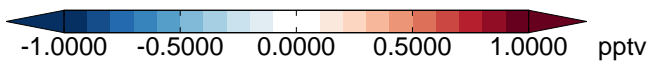
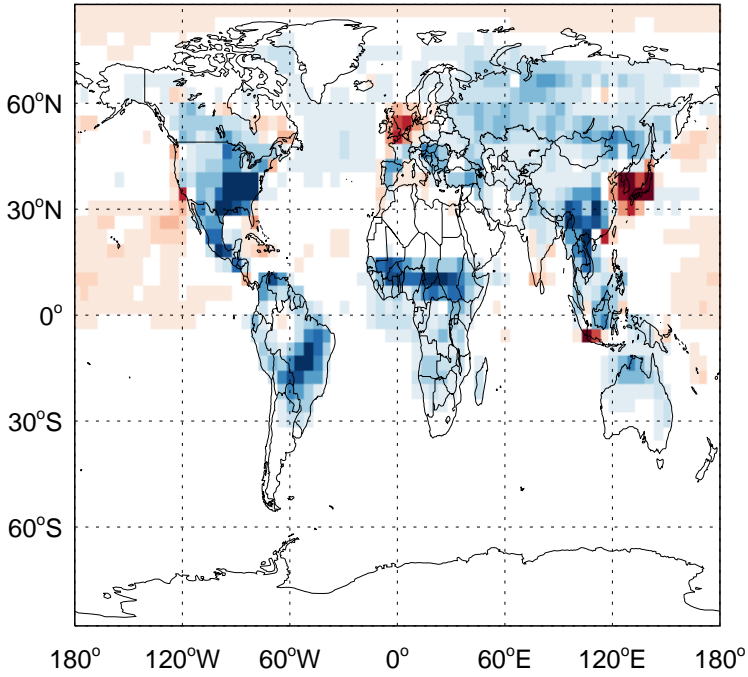
v11-02a - v11-01k-Run0

OH - Diff @ 500 hPa for Jul

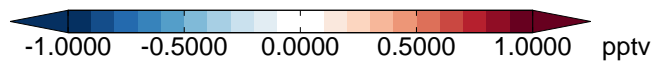
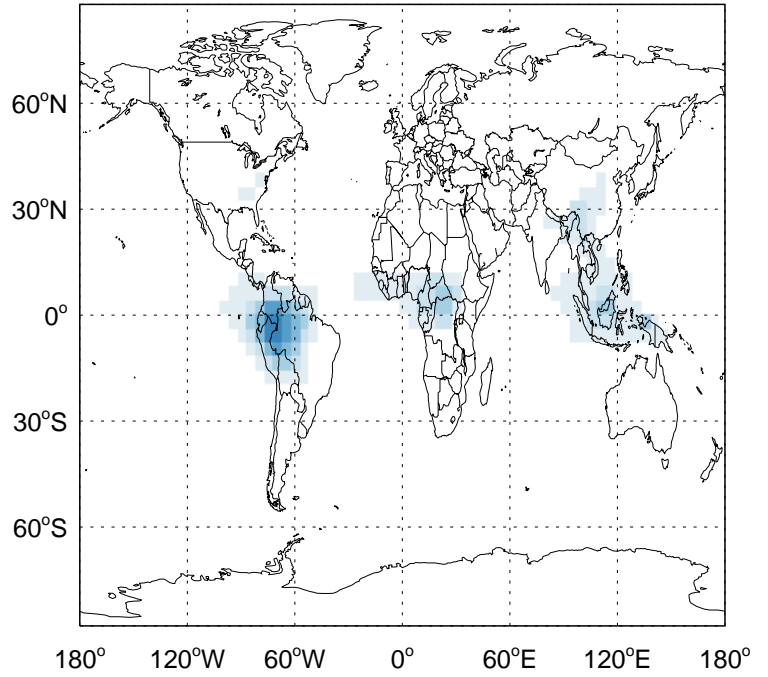


# GEOS-Chem Difference Maps at surface and 500 hPa

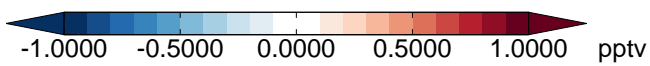
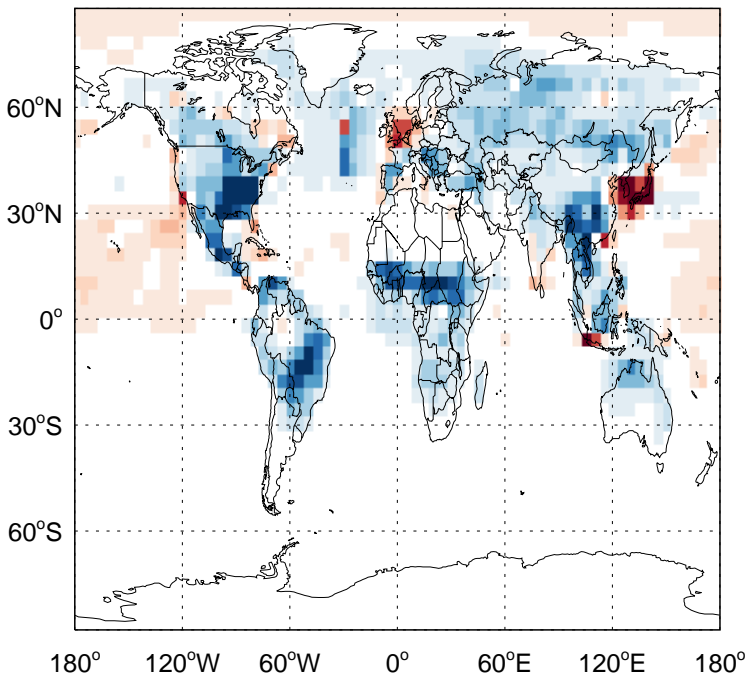
v11-02a - v11-01-public-Run0  
HO2 - Diff @ Surface for Jul



v11-02a - v11-01-public-Run0  
HO2 - Diff @ 500 hPa for Jul



v11-02a - v11-01k-Run0  
HO2 - Diff @ Surface for Jul



v11-02a - v11-01k-Run0  
HO2 - Diff @ 500 hPa for Jul

