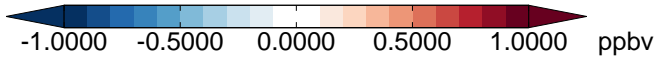
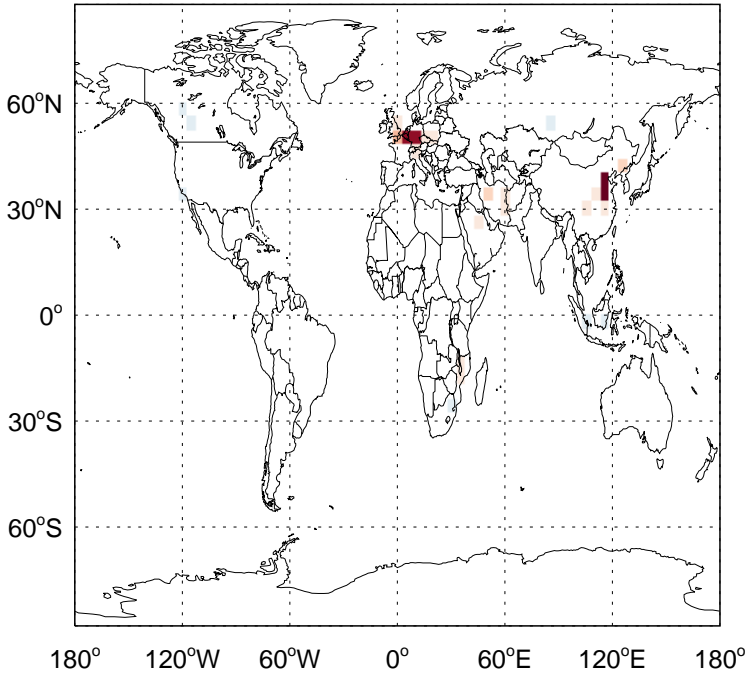


# GEOS-Chem Difference Maps at surface and 500 hPa

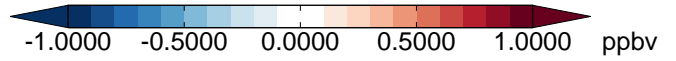
v11-02f-Run0 - v11-02e-Run1

NO - Diff @ Surface for Oct



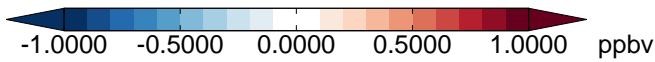
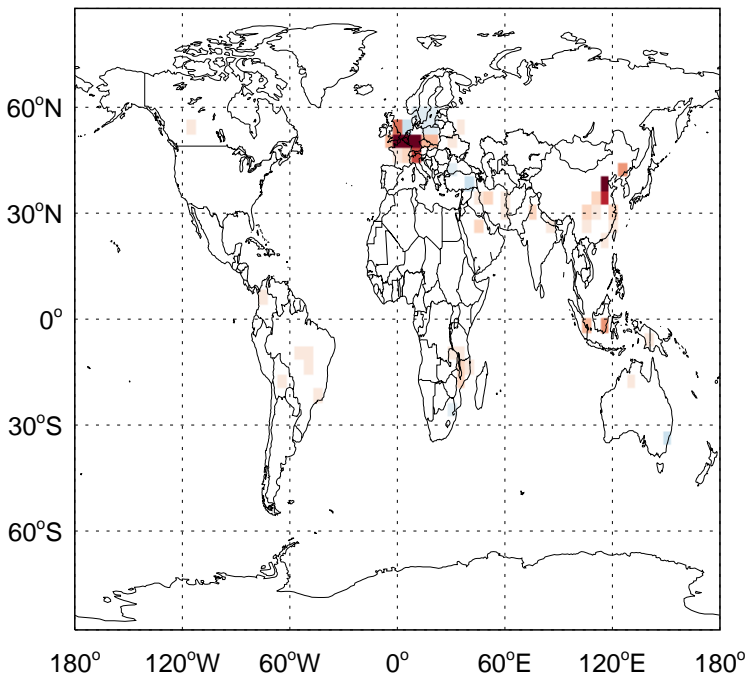
v11-02f-Run0 - v11-02e-Run1

NO - Diff @ 500 hPa for Oct



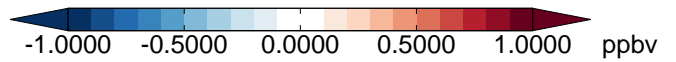
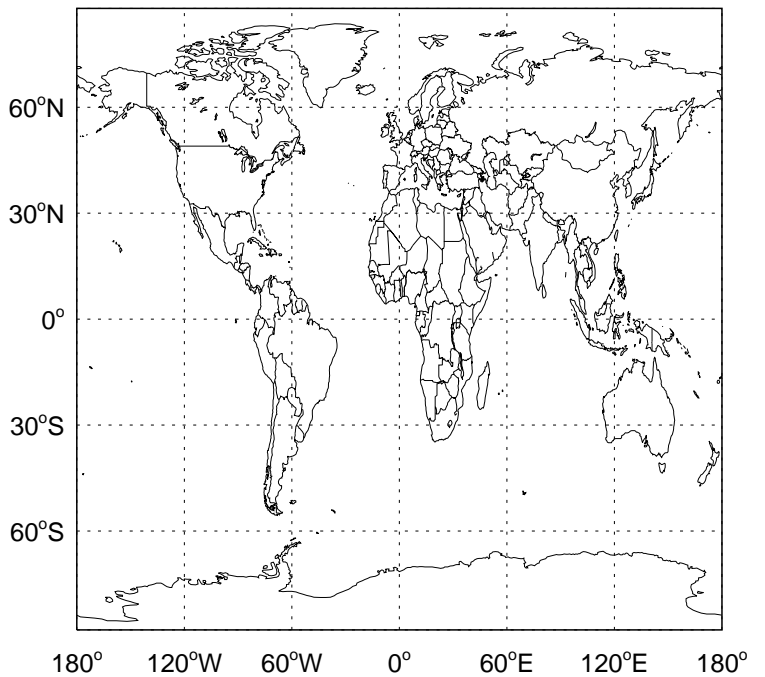
v11-02f-Run0 - v11-02e-Run0

NO - Diff @ Surface for Oct



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

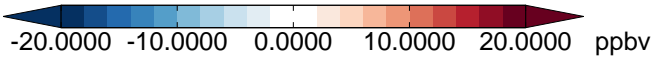
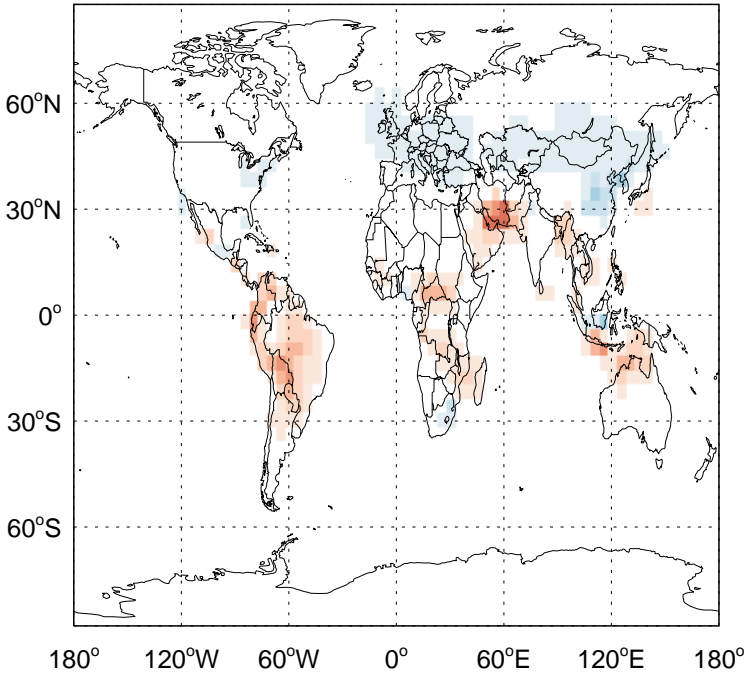
NO - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

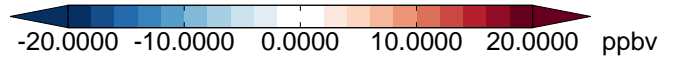
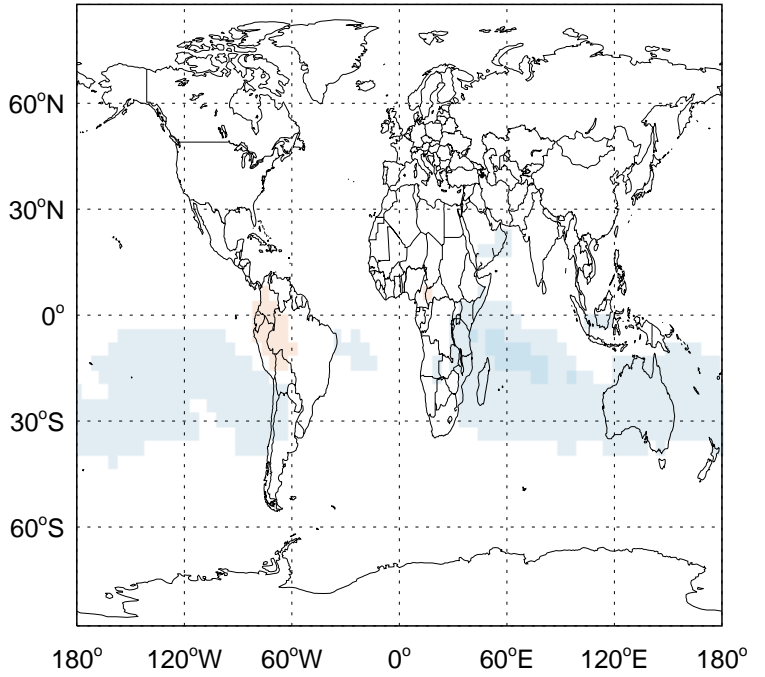
v11-02f-Run0 - v11-02e-Run1

O3 - Diff @ Surface for Oct



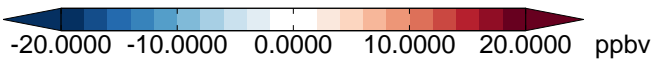
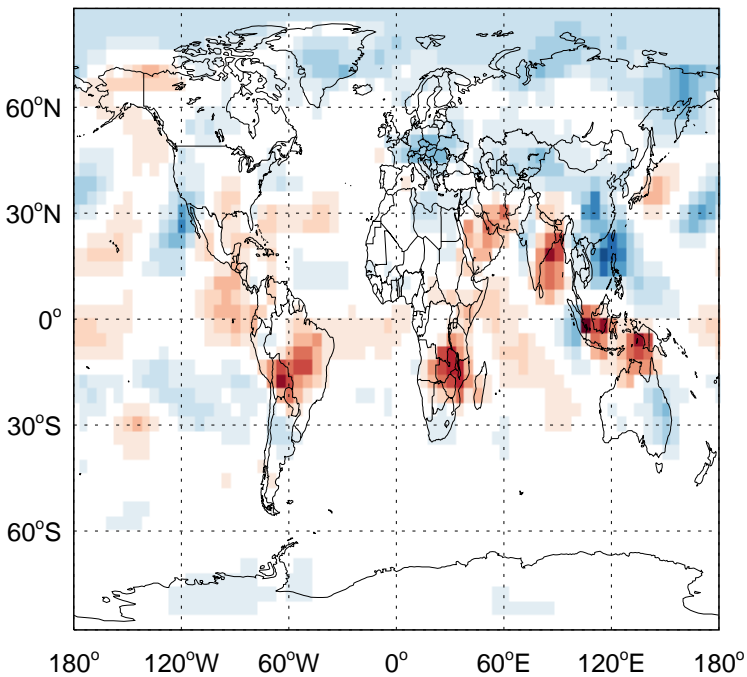
v11-02f-Run0 - v11-02e-Run1

O3- Diff @ 500 hPa for Oct



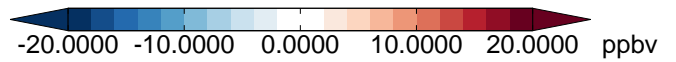
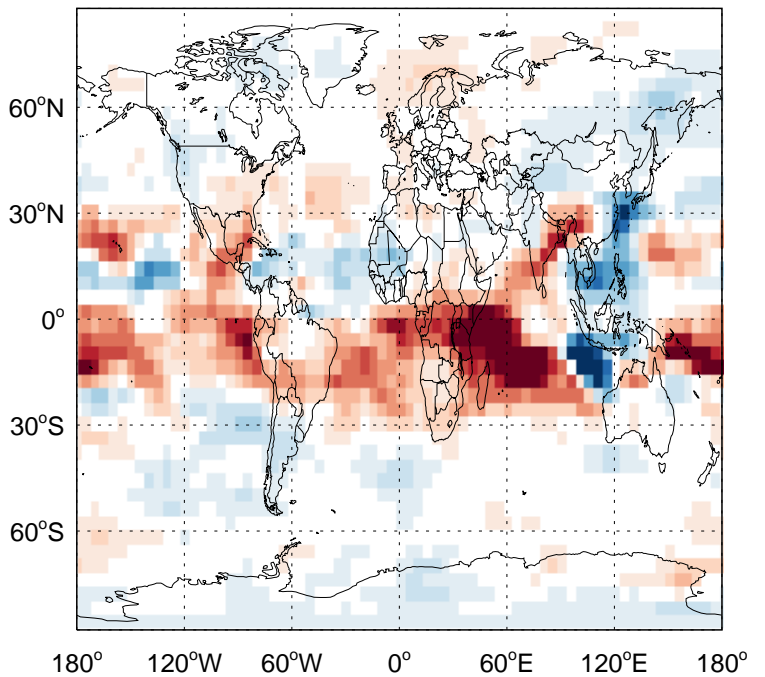
v11-02f-Run0 - v11-02e-Run0

O3 - Diff @ Surface for Oct



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

O3- Diff @ 500 hPa for Oct

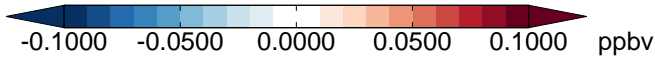
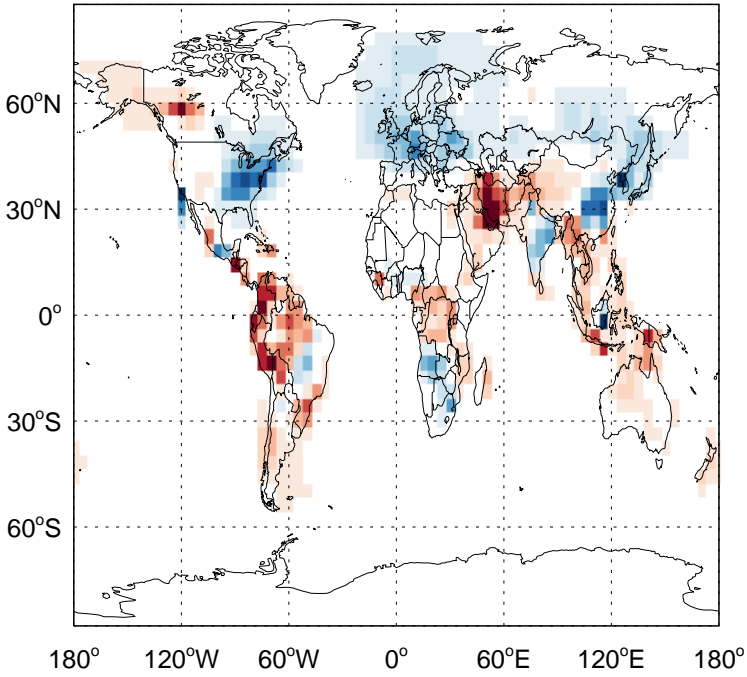




# GEOS-Chem Difference Maps at surface and 500 hPa

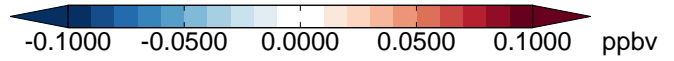
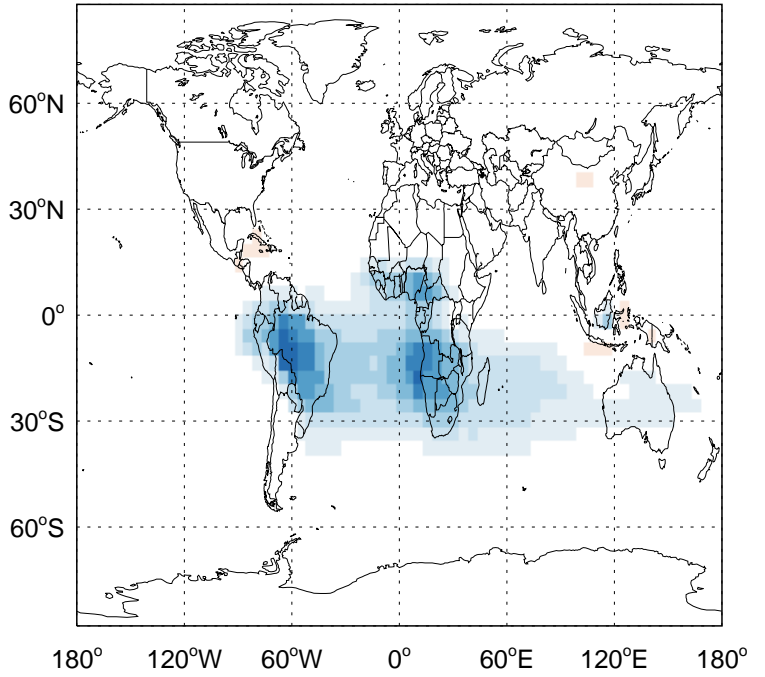
v11-02f-Run0 - v11-02e-Run1

PAN - Diff @ Surface for Oct



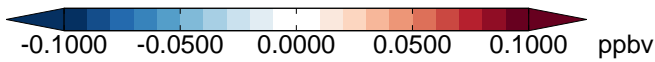
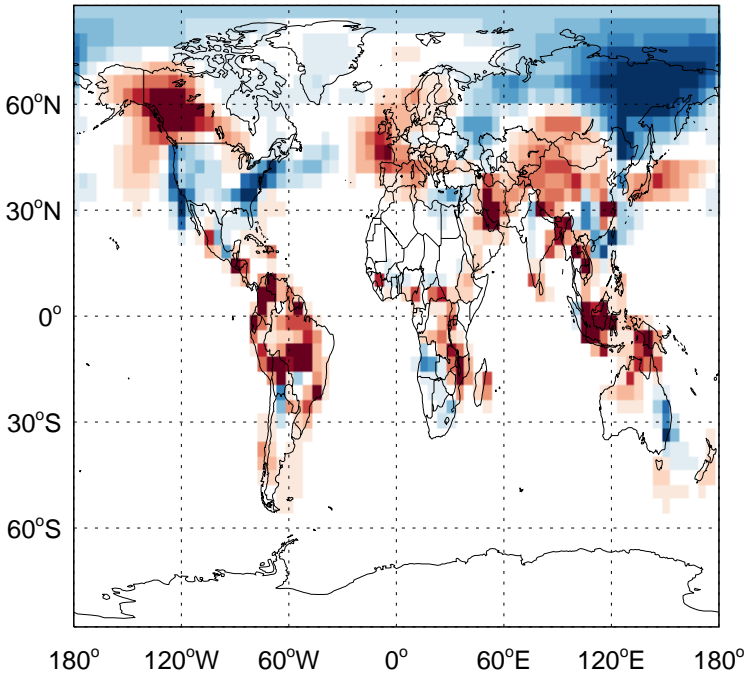
v11-02f-Run0 - v11-02e-Run1

PAN- Diff @ 500 hPa for Oct



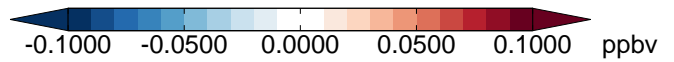
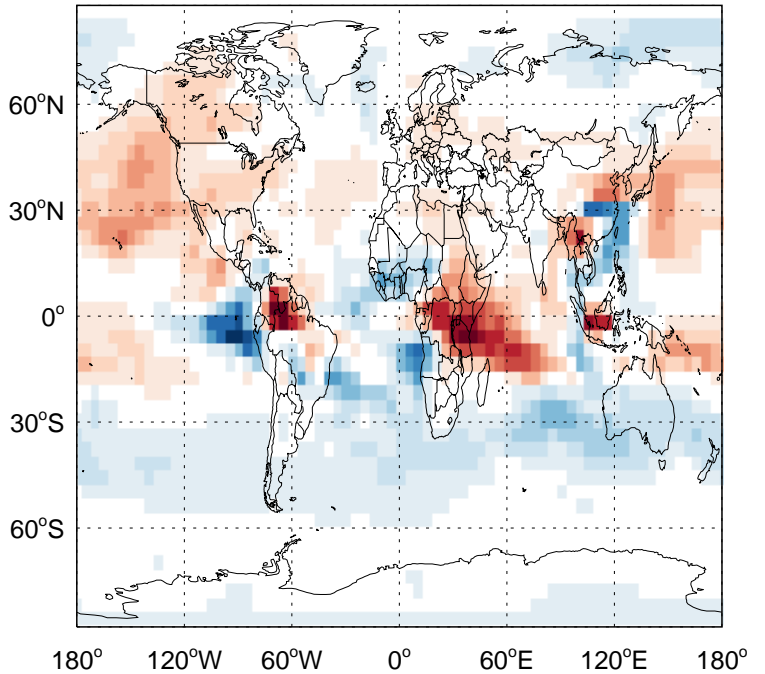
v11-02f-Run0 - v11-02e-Run0

PAN - Diff @ Surface for Oct



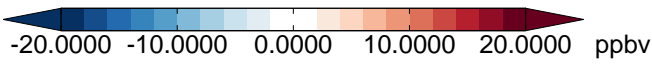
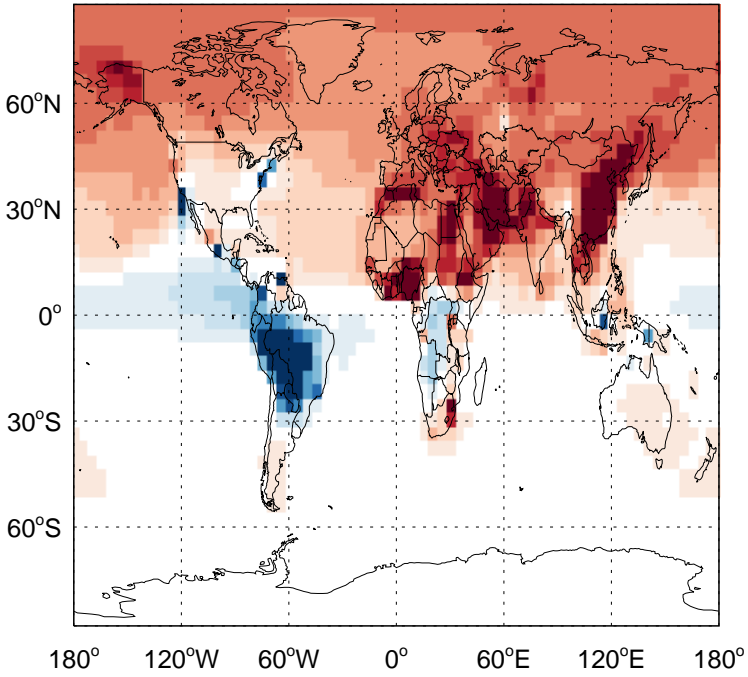
v11-02f-Run0 - v11-02e-Run0

PAN- Diff @ 500 hPa for Oct

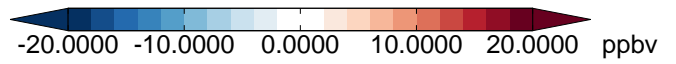
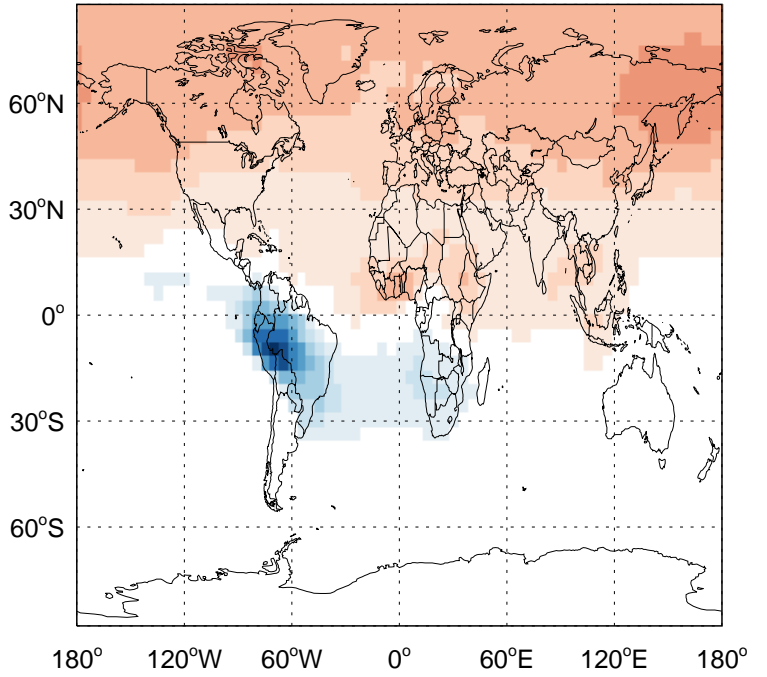


# GEOS-Chem Difference Maps at surface and 500 hPa

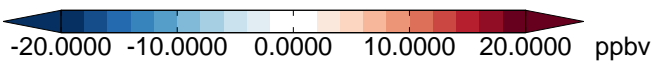
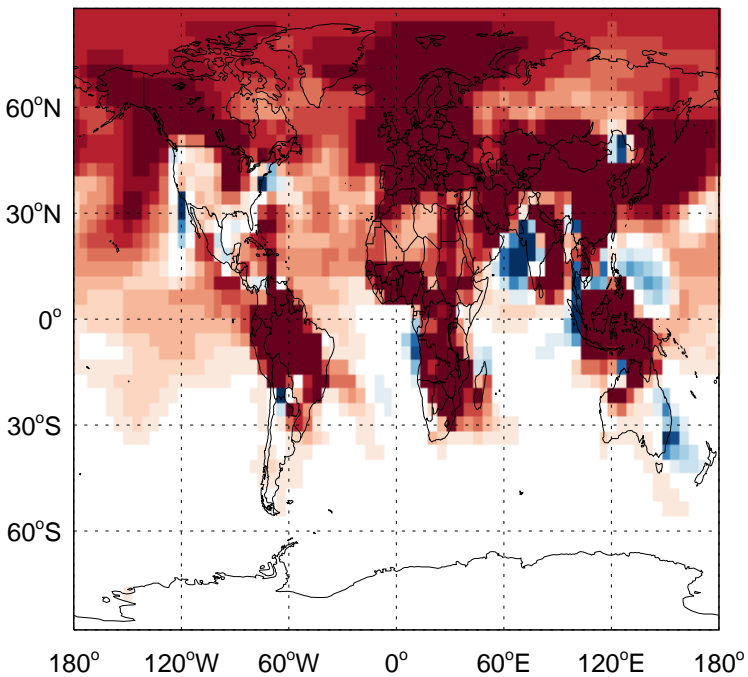
v11-02f-Run0 - v11-02e-Run1  
CO - Diff @ Surface for Oct



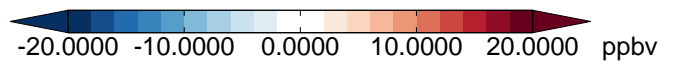
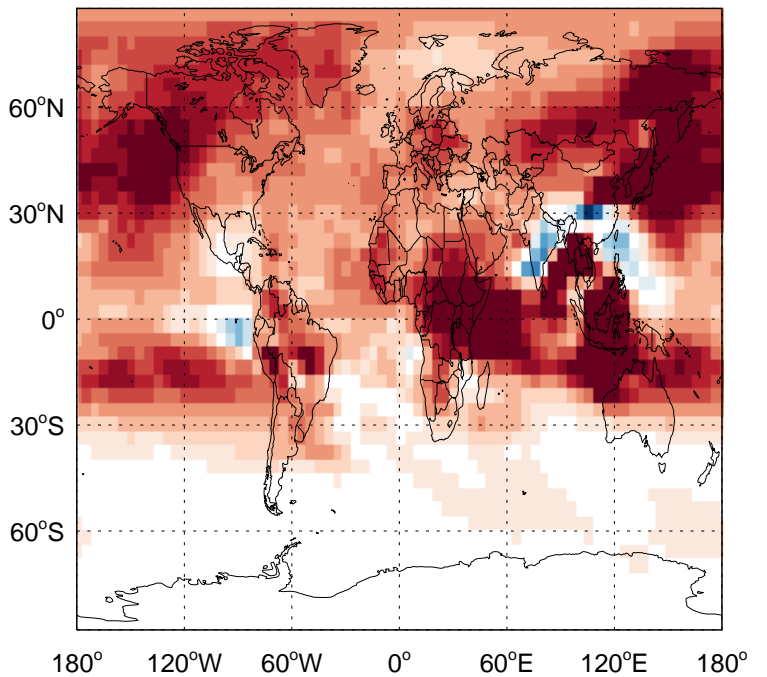
v11-02f-Run0 - v11-02e-Run1  
CO- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CO - Diff @ Surface for Oct



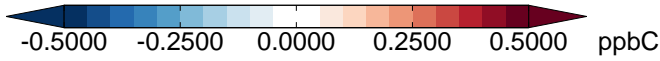
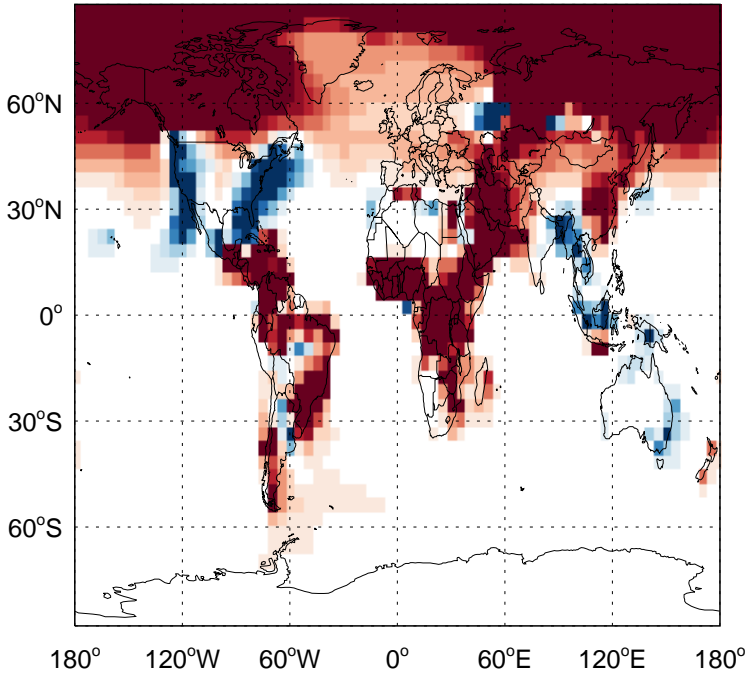
v11-02f-Run0 - v11-02e-Run0  
CO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

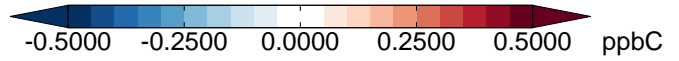
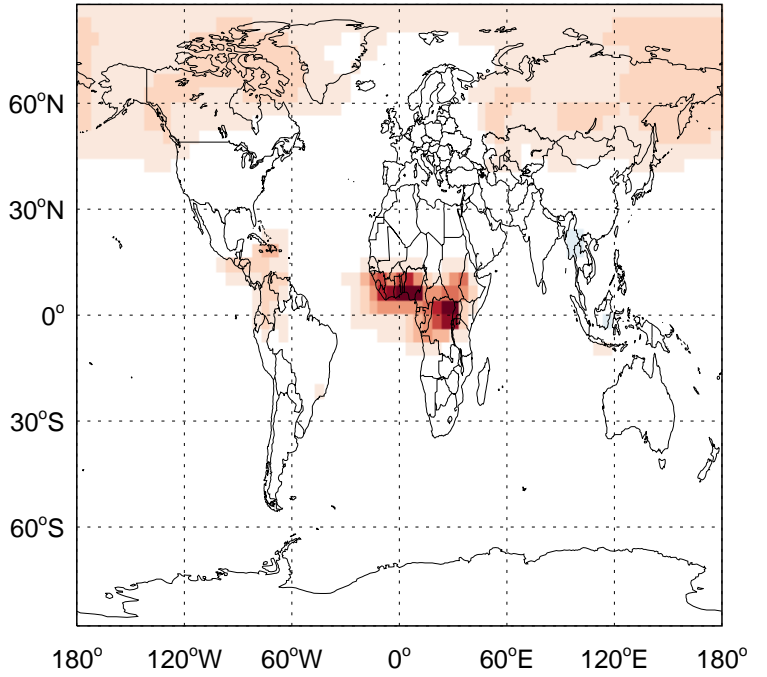
v11-02f-Run0 - v11-02e-Run1

ALK4 - Diff @ Surface for Oct



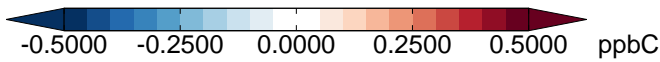
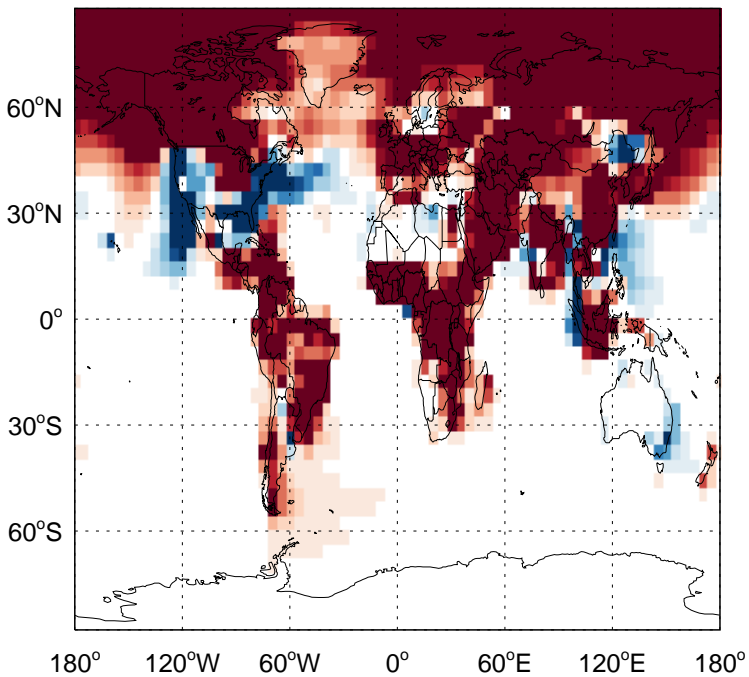
v11-02f-Run0 - v11-02e-Run1

ALK4- Diff @ 500 hPa for Oct



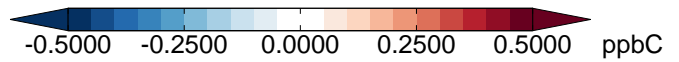
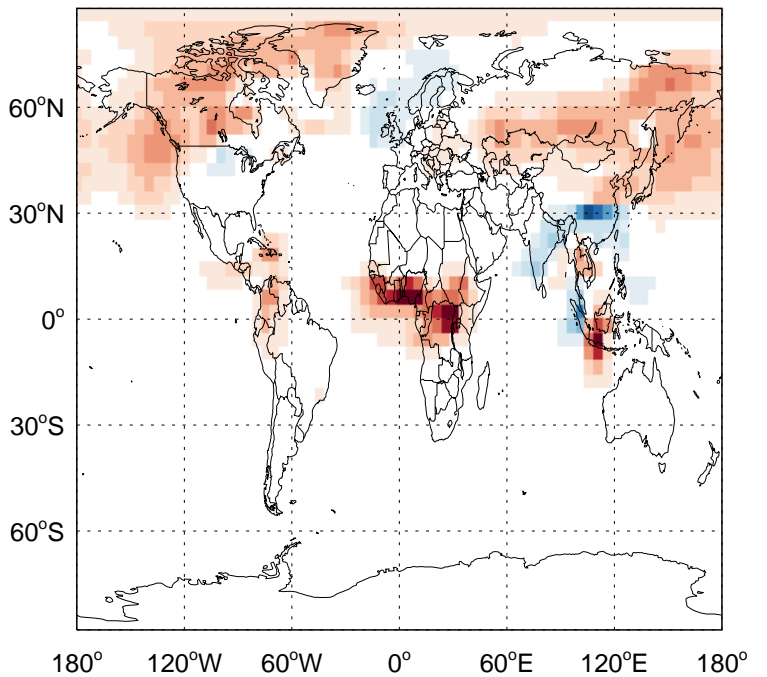
v11-02f-Run0 - v11-02e-Run0

ALK4 - Diff @ Surface for Oct



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

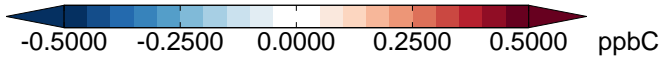
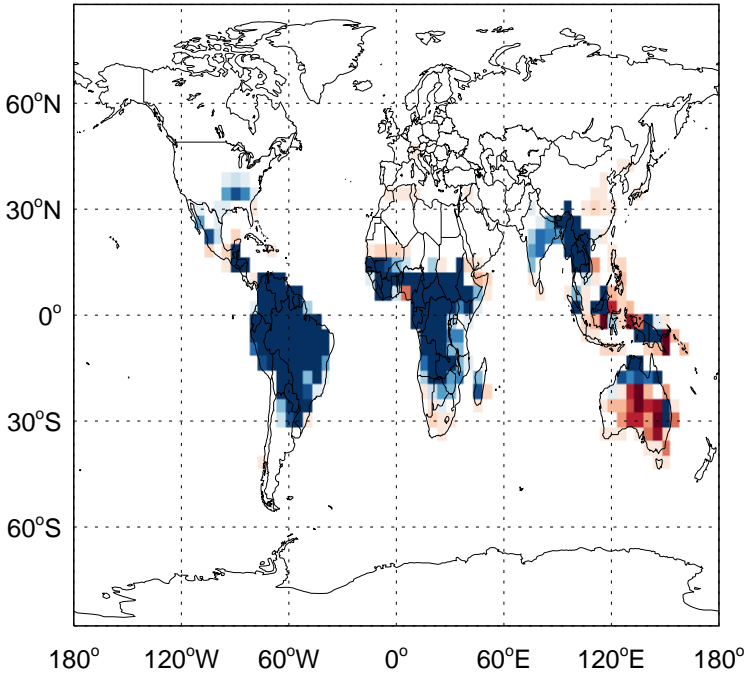
ALK4- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

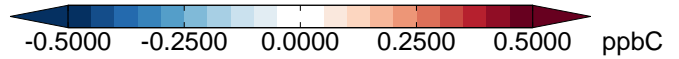
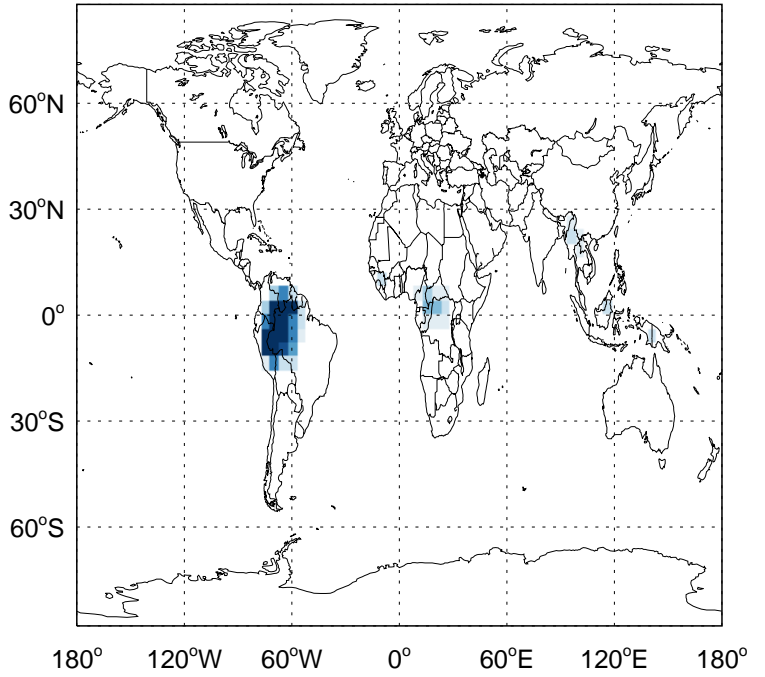
v11-02f-Run0 - v11-02e-Run1

ISOP - Diff @ Surface for Oct



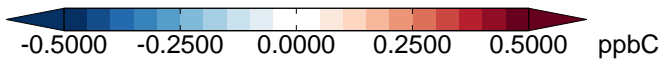
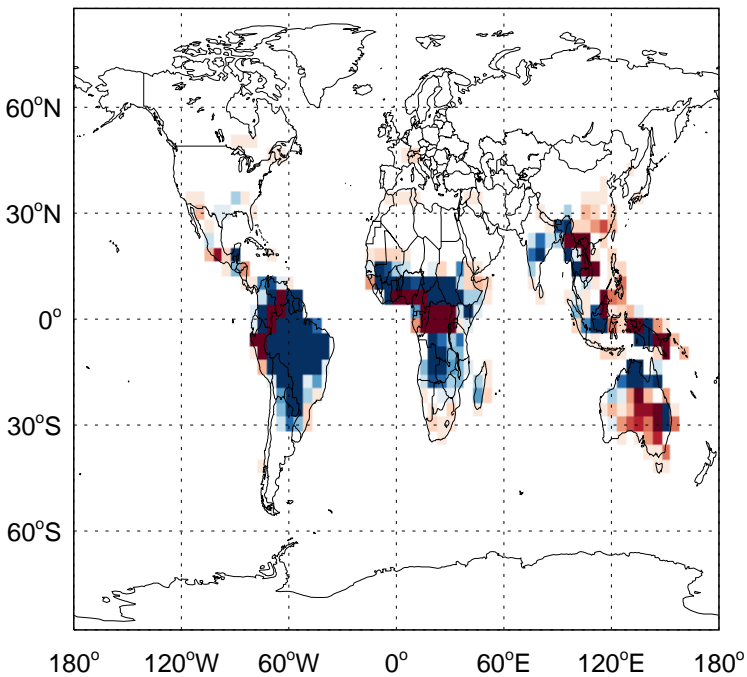
v11-02f-Run0 - v11-02e-Run1

ISOP- Diff @ 500 hPa for Oct



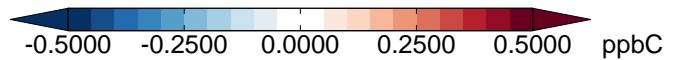
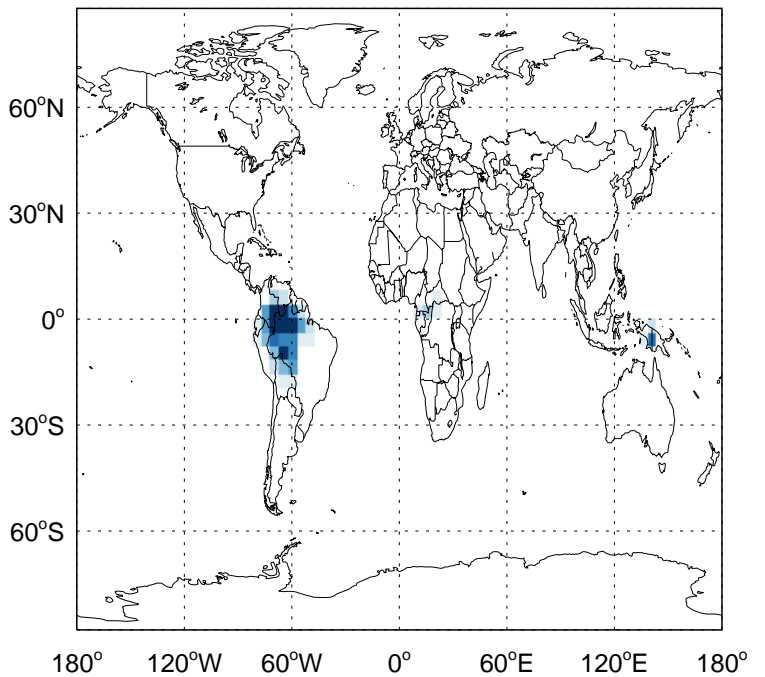
v11-02f-Run0 - v11-02e-Run0

ISOP - Diff @ Surface for Oct



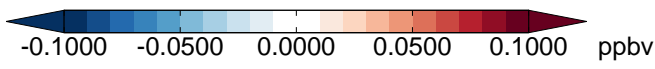
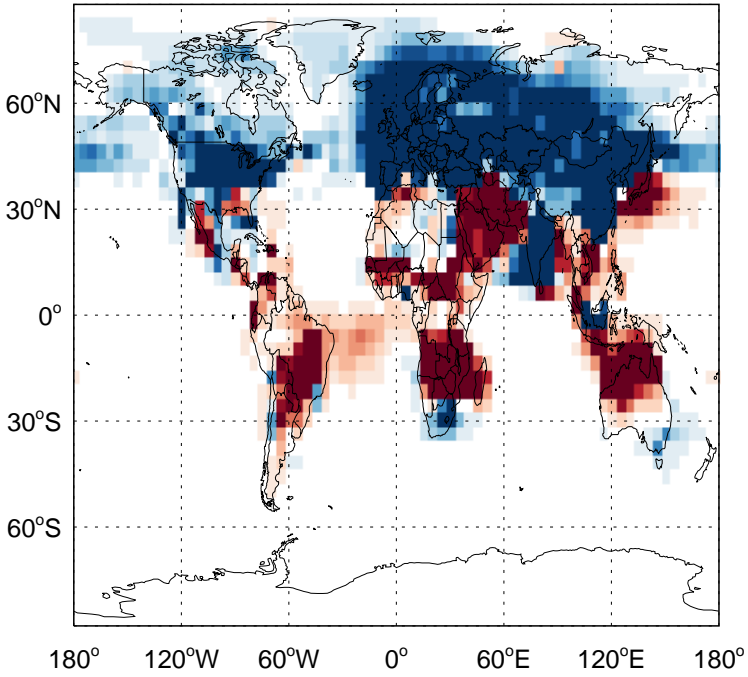
v11-02f-Run0 - v11-02e-Run0

ISOP- Diff @ 500 hPa for Oct

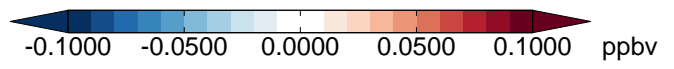
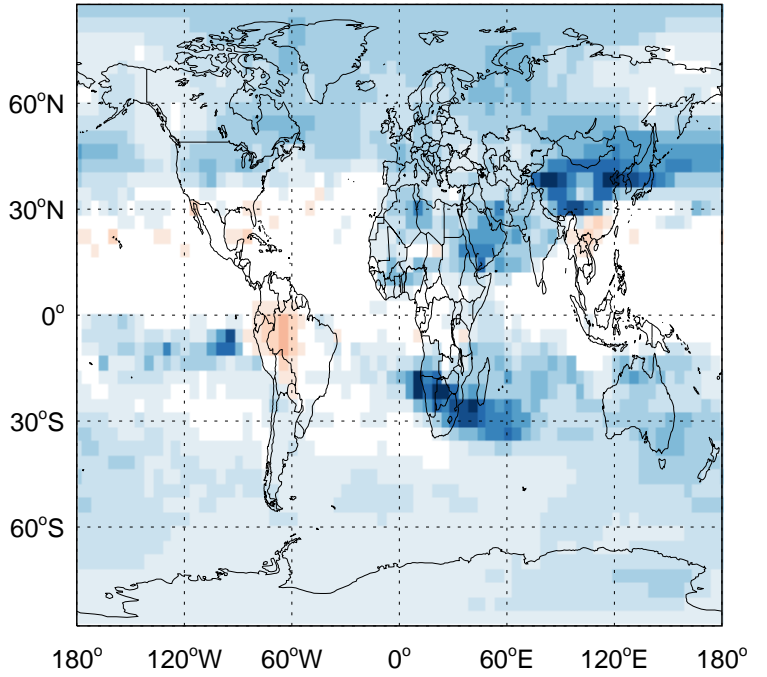


# GEOS-Chem Difference Maps at surface and 500 hPa

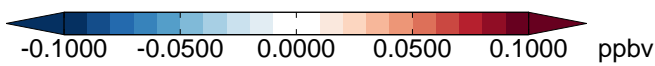
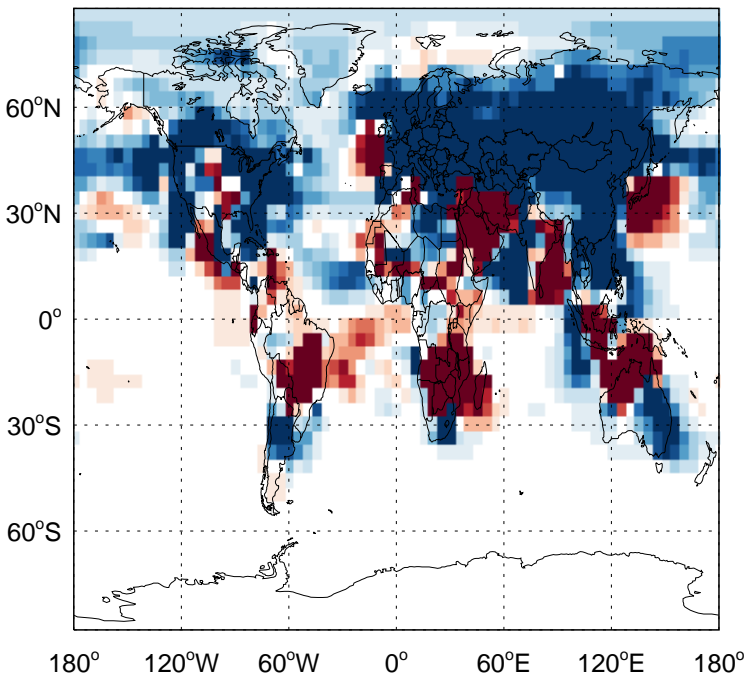
v11-02f-Run0 - v11-02e-Run1  
HNO<sub>3</sub> - Diff @ Surface for Oct



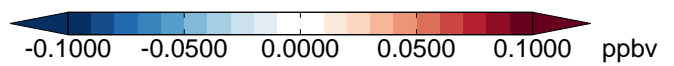
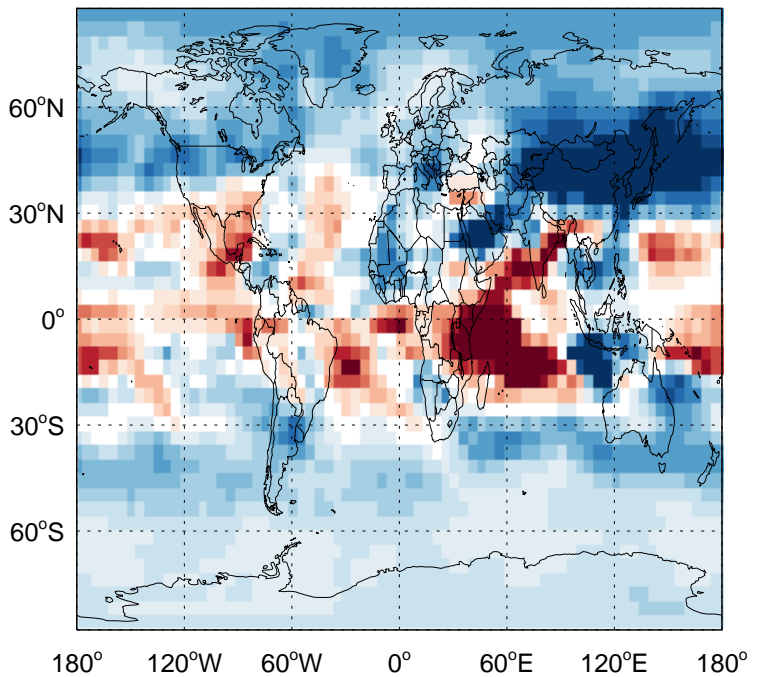
v11-02f-Run0 - v11-02e-Run1  
HNO<sub>3</sub>- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HNO<sub>3</sub> - Diff @ Surface for Oct



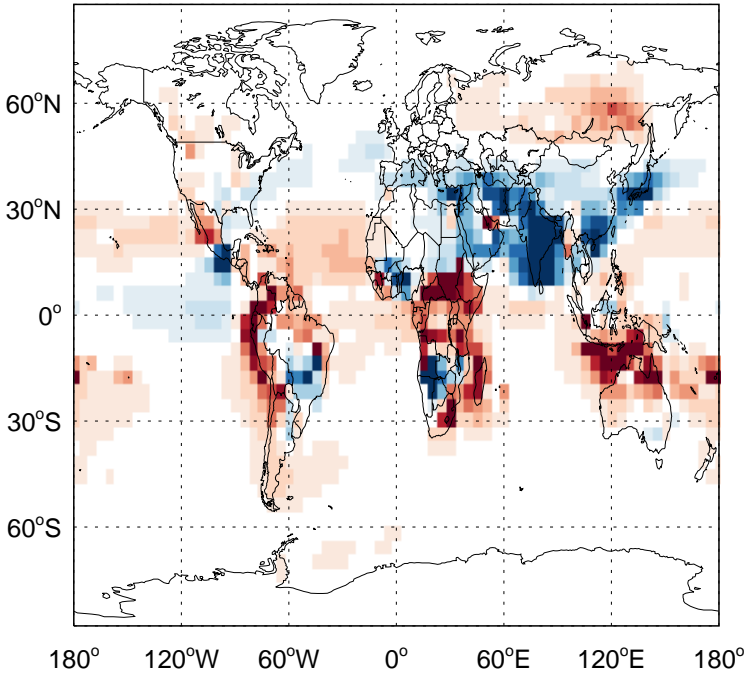
v11-02f-Run0 - v11-02e-Run0  
HNO<sub>3</sub>- Diff @ 500 hPa for Oct



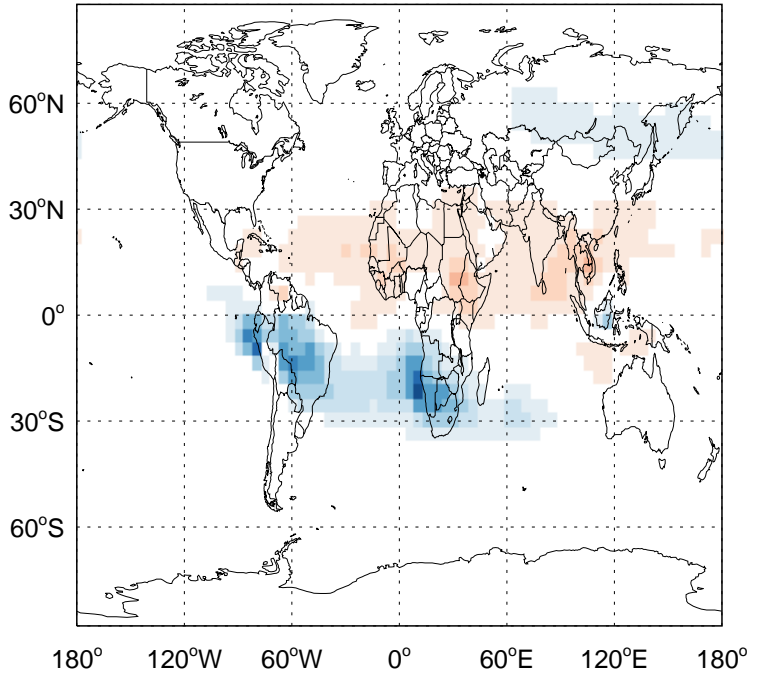


# GEOS-Chem Difference Maps at surface and 500 hPa

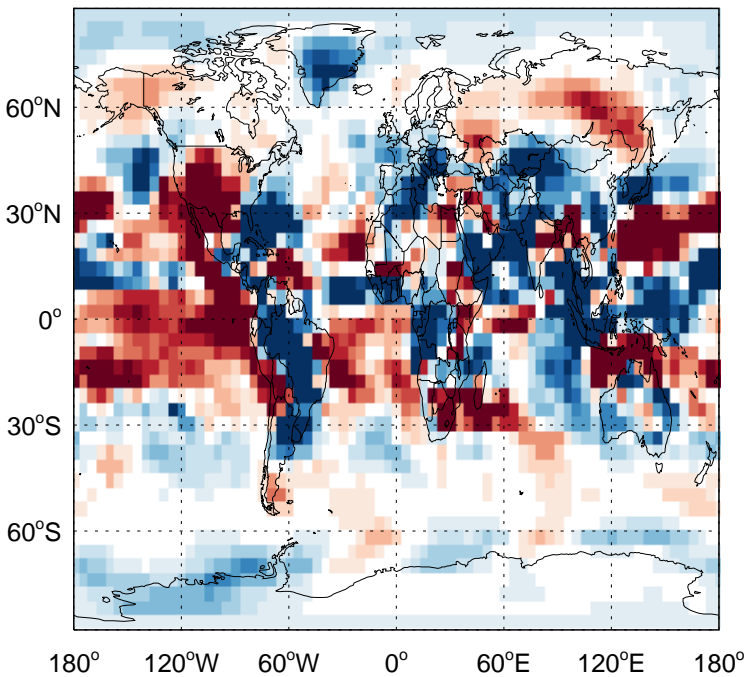
v11-02f-Run0 - v11-02e-Run1  
H2O2 - Diff @ Surface for Oct



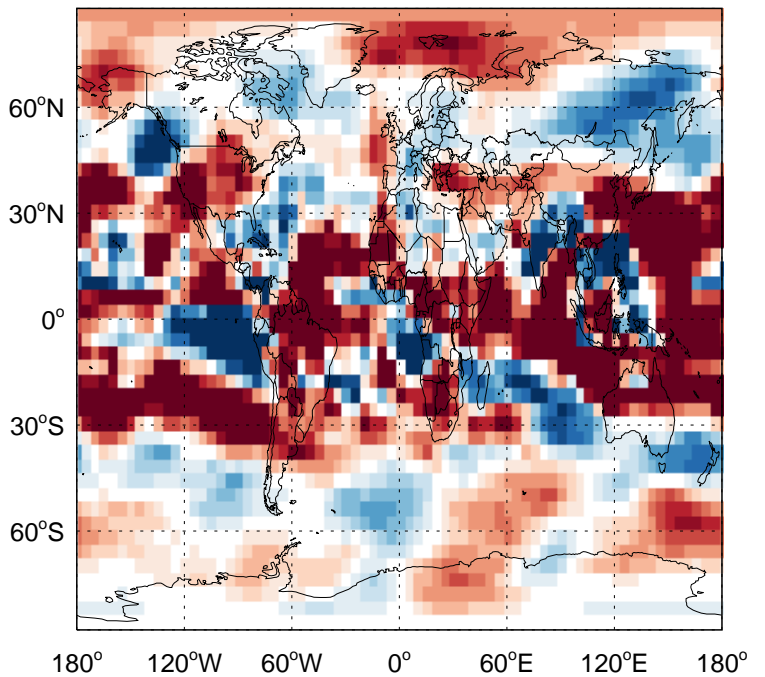
v11-02f-Run0 - v11-02e-Run1  
H2O2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
H2O2 - Diff @ Surface for Oct



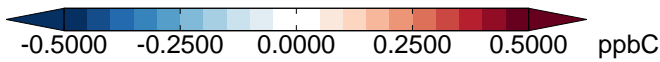
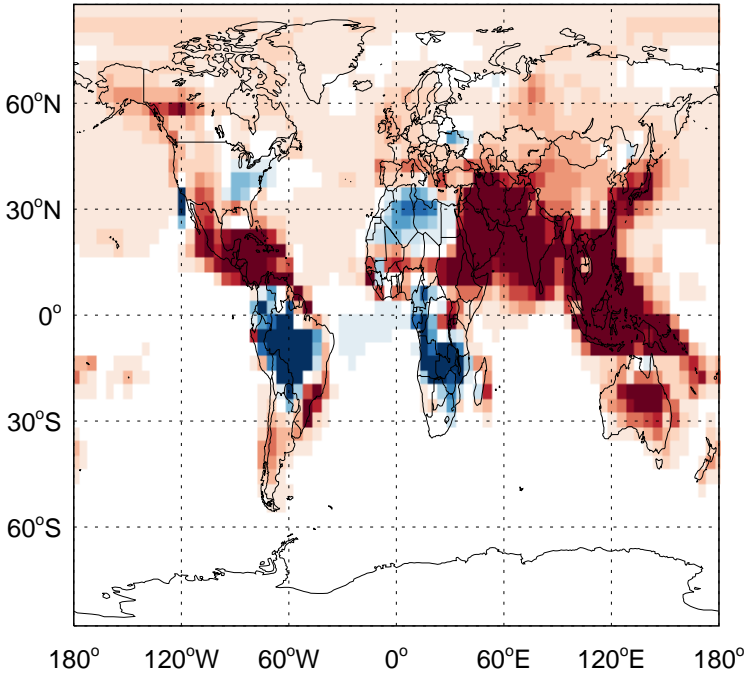
v11-02f-Run0 - v11-02e-Run0  
H2O2- Diff @ 500 hPa for Oct



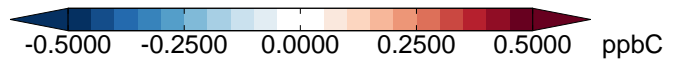
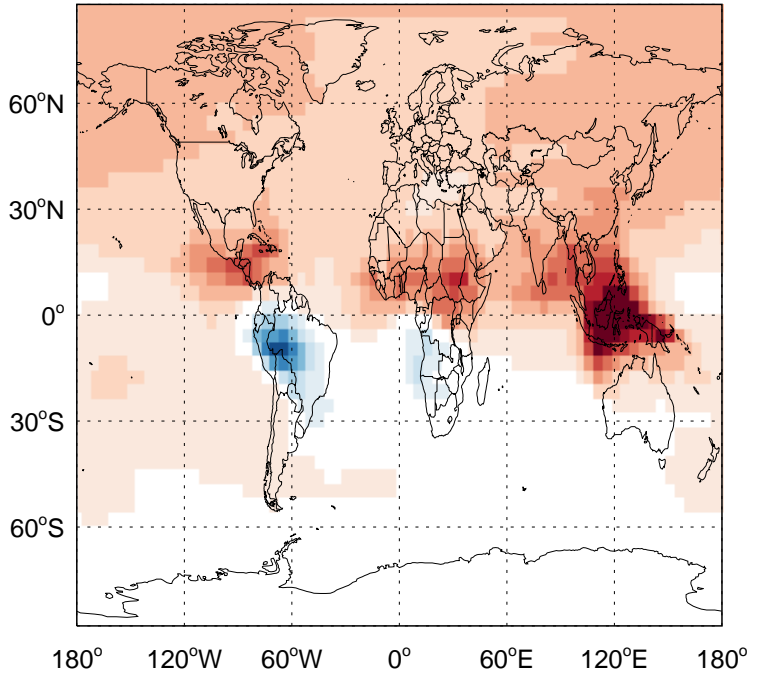


# GEOS-Chem Difference Maps at surface and 500 hPa

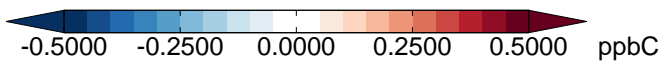
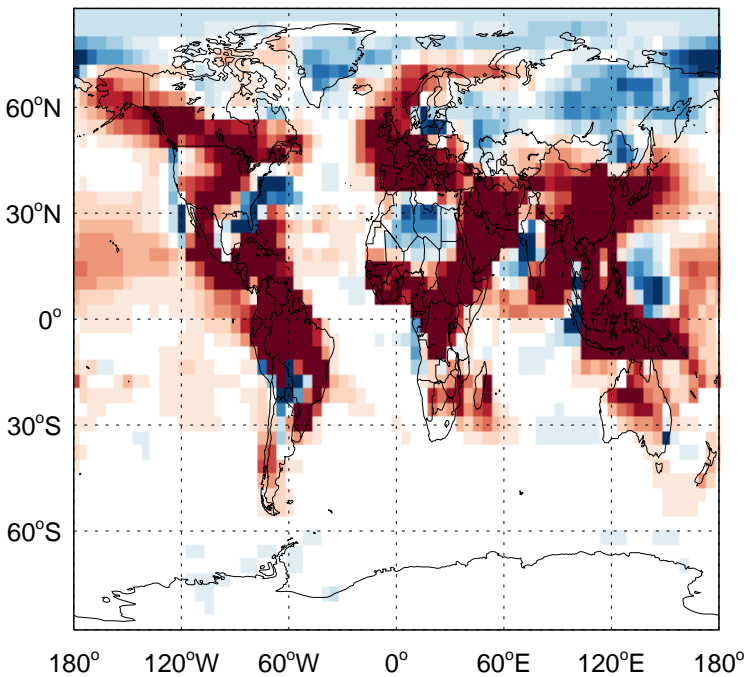
v11-02f-Run0 - v11-02e-Run1  
ACET - Diff @ Surface for Oct



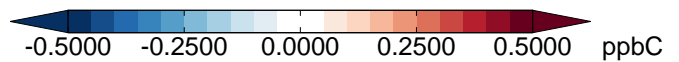
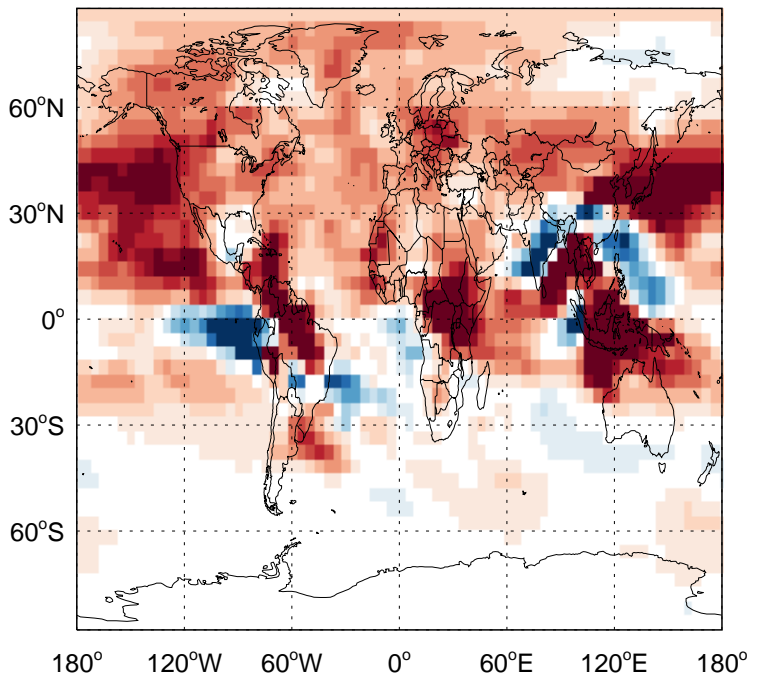
v11-02f-Run0 - v11-02e-Run1  
ACET- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ACET - Diff @ Surface for Oct

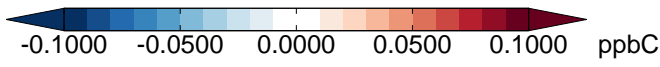
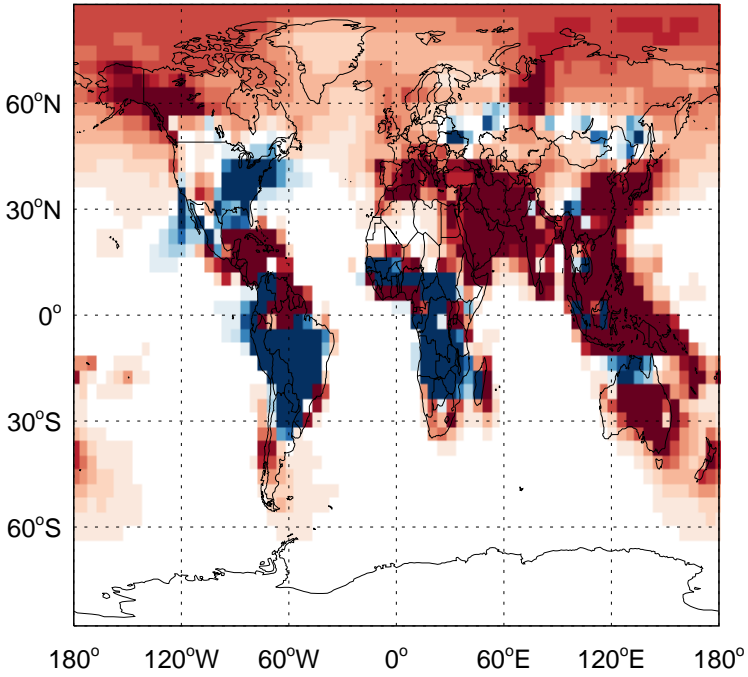


v11-02f-Run0 - v11-02e-Run0  
ACET- Diff @ 500 hPa for Oct

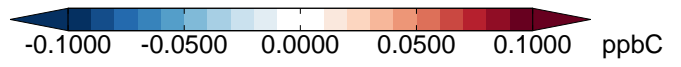
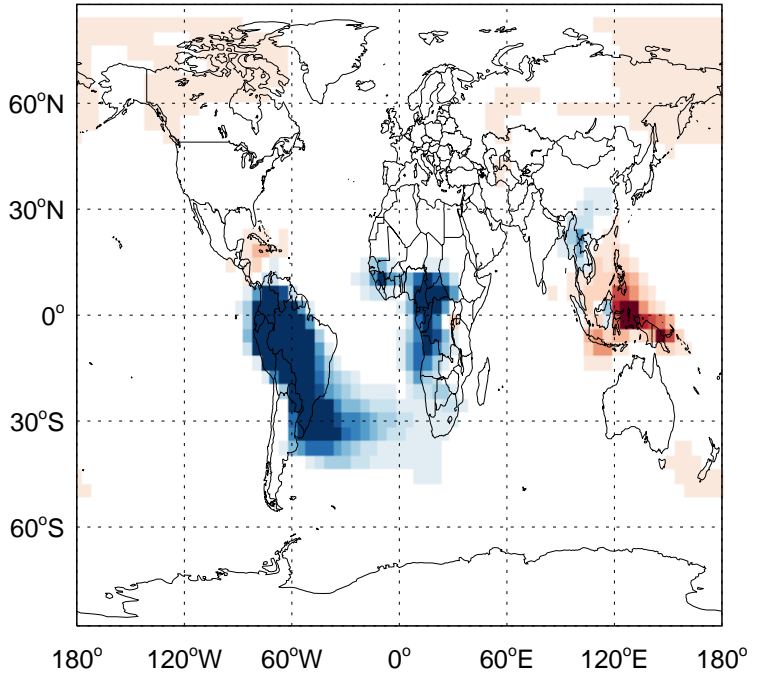


# GEOS-Chem Difference Maps at surface and 500 hPa

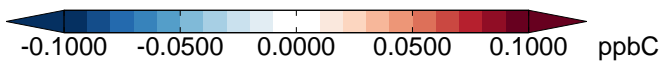
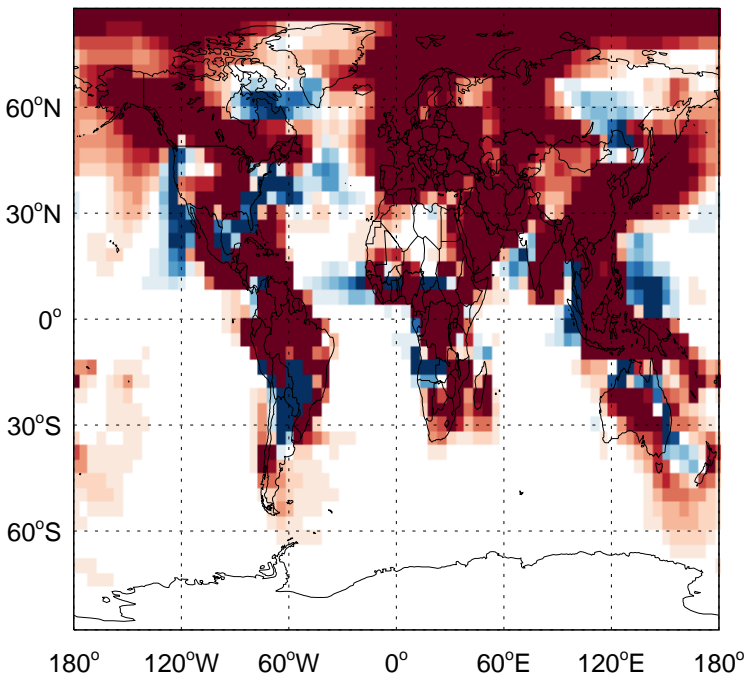
v11-02f-Run0 - v11-02e-Run1  
MEK - Diff @ Surface for Oct



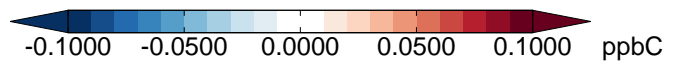
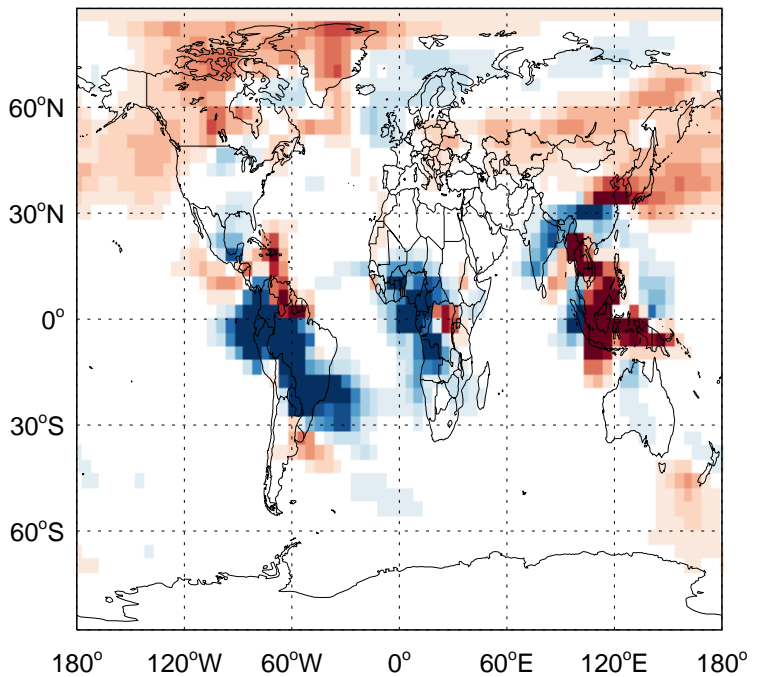
v11-02f-Run0 - v11-02e-Run1  
MEK- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MEK - Diff @ Surface for Oct



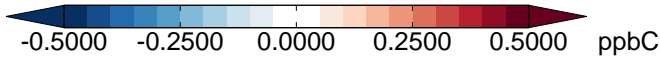
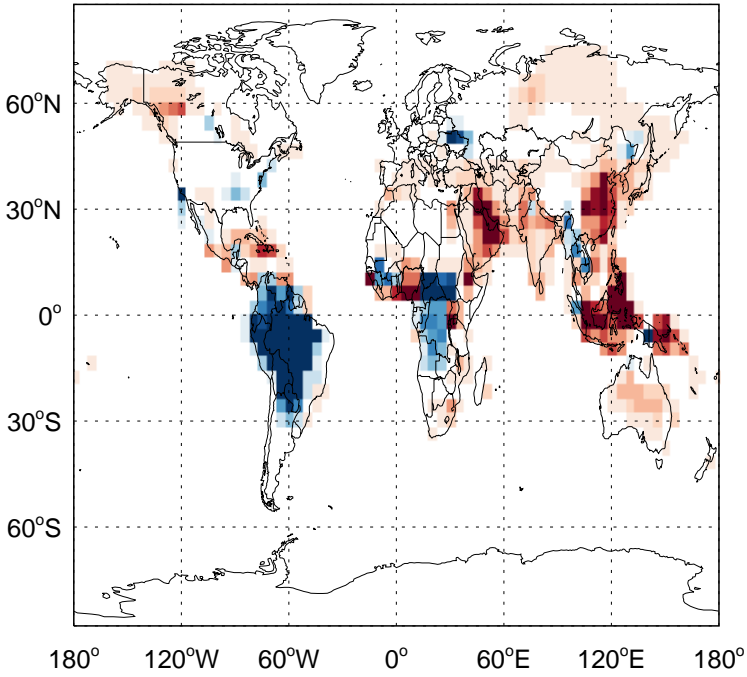
v11-02f-Run0 - v11-02e-Run0  
MEK- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

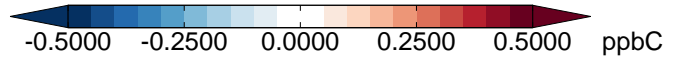
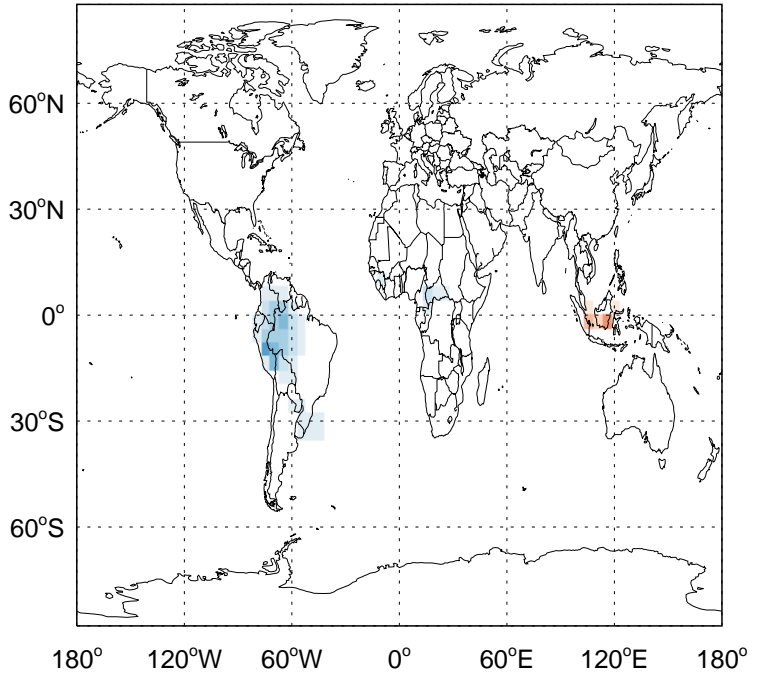
v11-02f-Run0 - v11-02e-Run1

ALD2 - Diff @ Surface for Oct



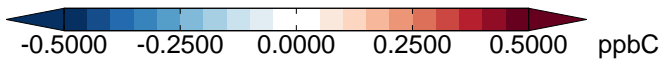
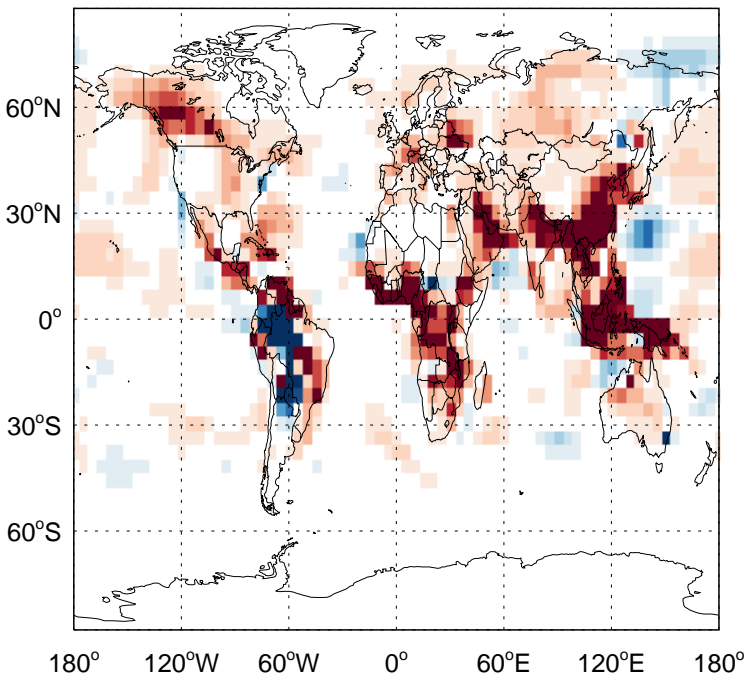
v11-02f-Run0 - v11-02e-Run1

ALD2- Diff @ 500 hPa for Oct



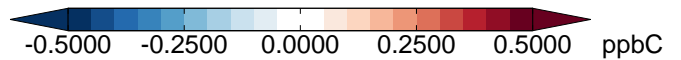
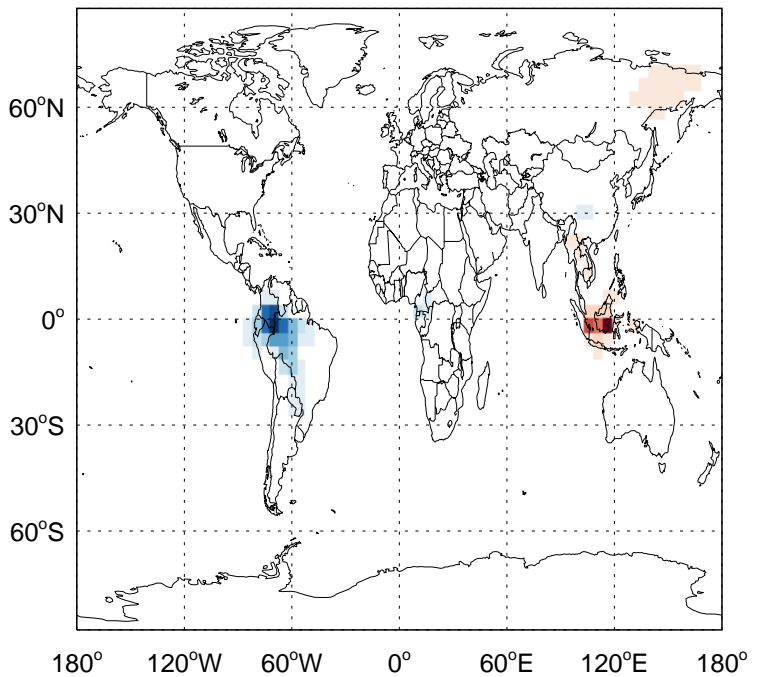
v11-02f-Run0 - v11-02e-Run0

ALD2 - Diff @ Surface for Oct



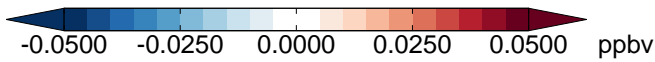
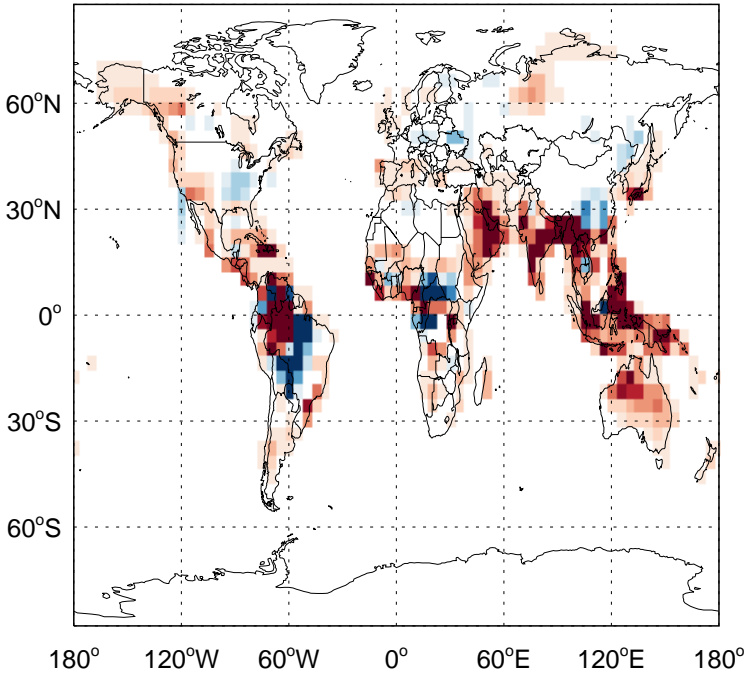
v11-02f-Run0 - v11-02e-Run0

ALD2- Diff @ 500 hPa for Oct

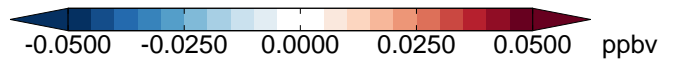
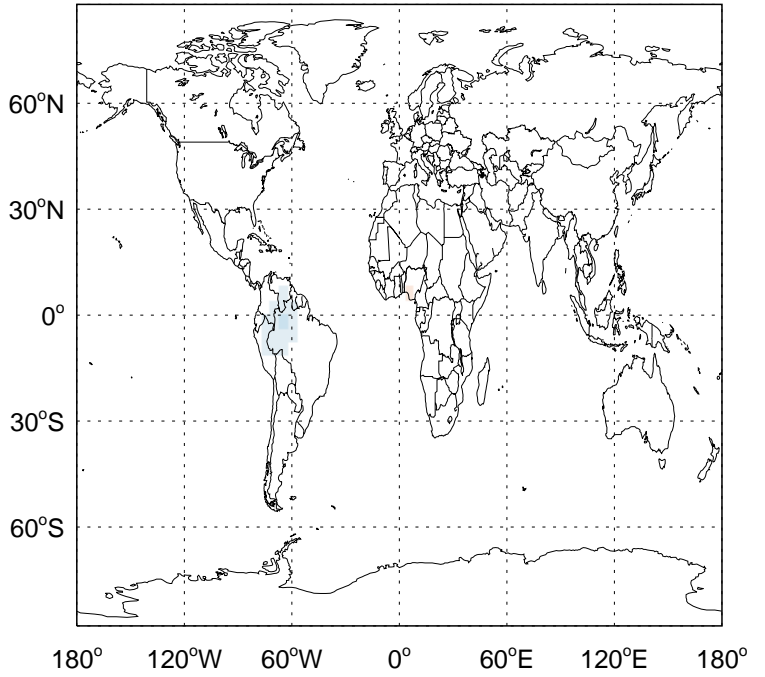


# GEOS-Chem Difference Maps at surface and 500 hPa

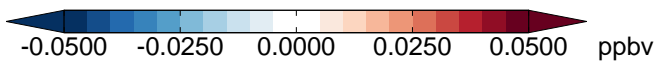
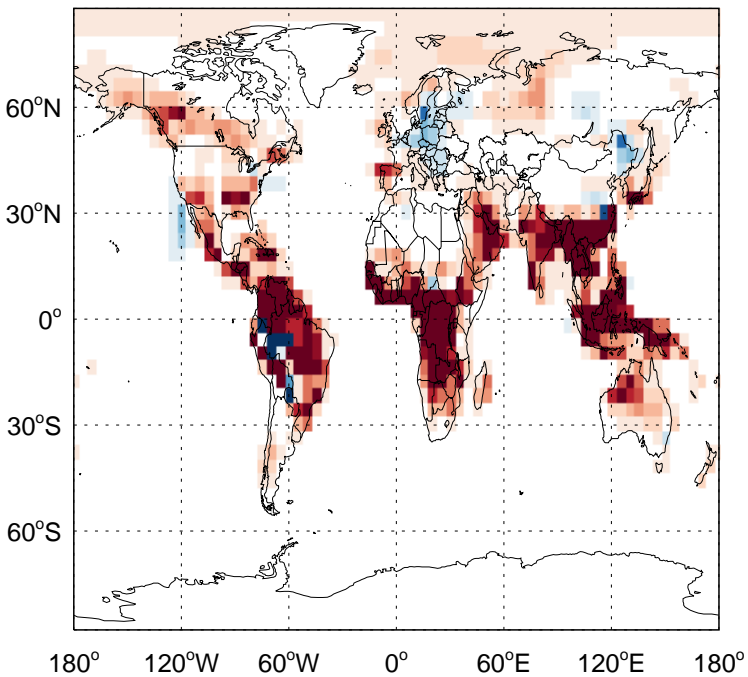
v11-02f-Run0 - v11-02e-Run1  
RCHO - Diff @ Surface for Oct



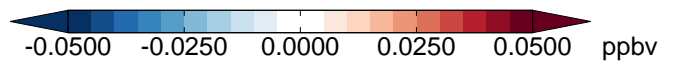
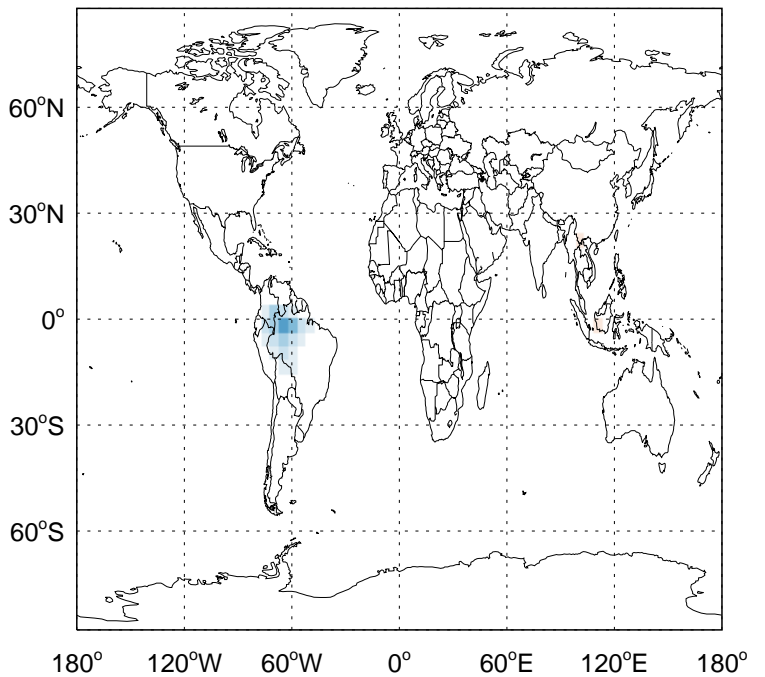
v11-02f-Run0 - v11-02e-Run1  
RCHO- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
RCHO - Diff @ Surface for Oct

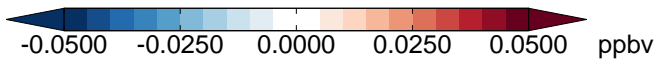
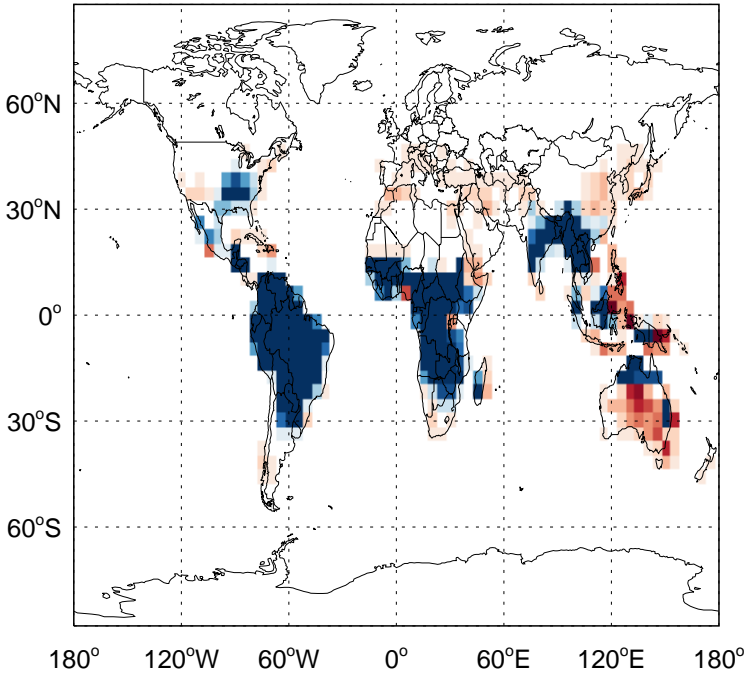


v11-02f-Run0 - v11-02e-Run0  
RCHO- Diff @ 500 hPa for Oct

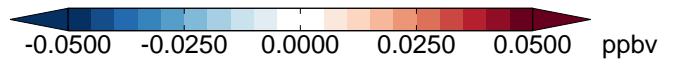
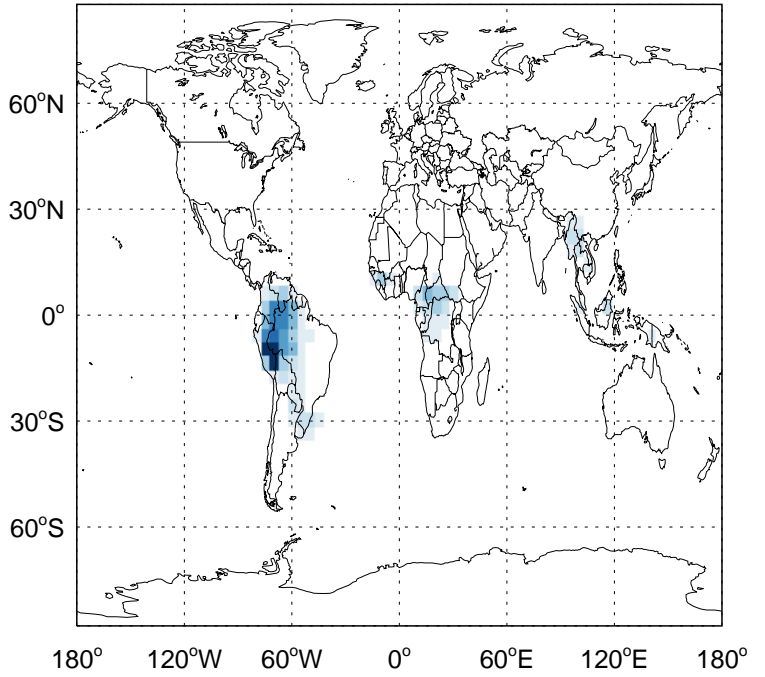


# GEOS-Chem Difference Maps at surface and 500 hPa

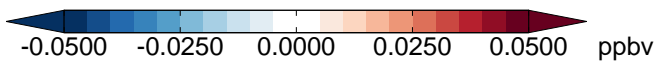
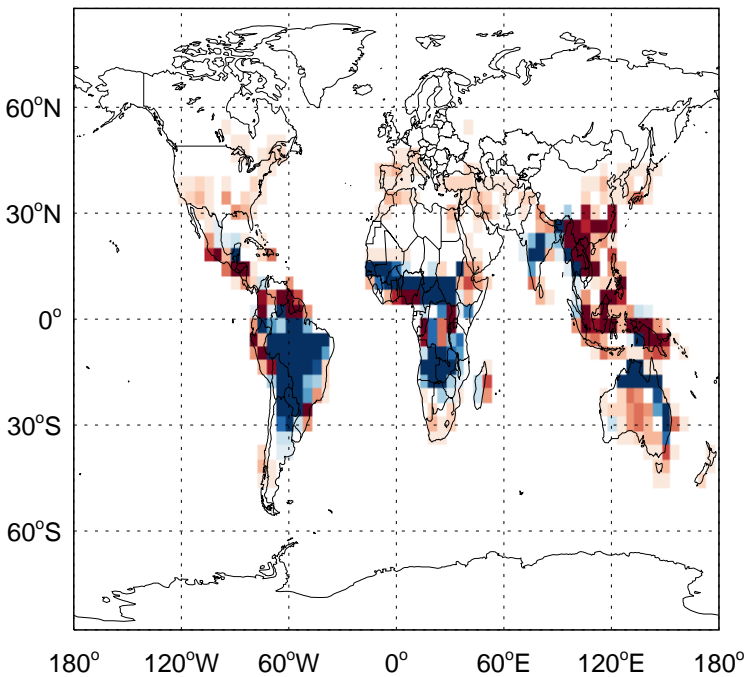
v11-02f-Run0 - v11-02e-Run1  
MVK - Diff @ Surface for Oct



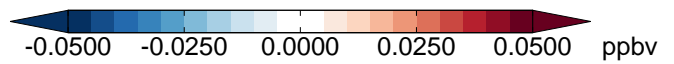
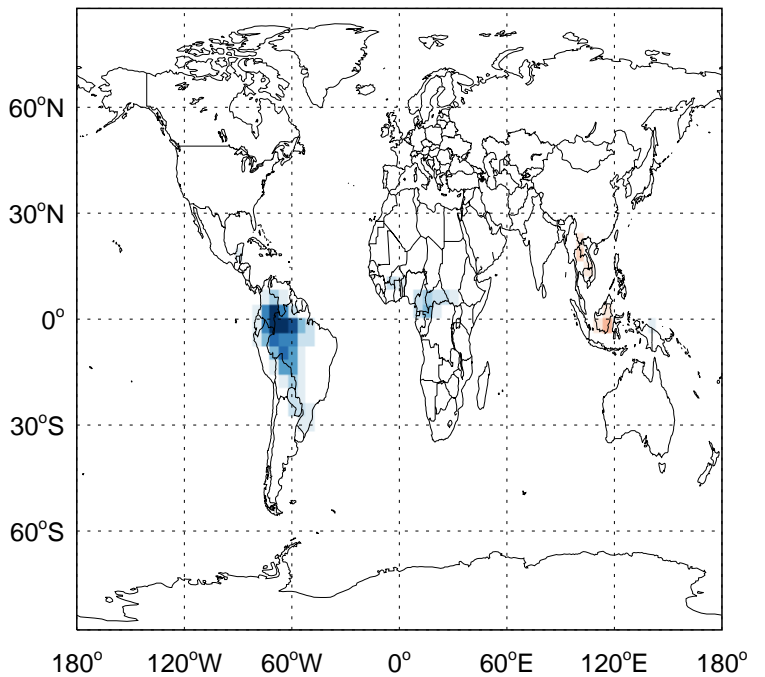
v11-02f-Run0 - v11-02e-Run1  
MVK- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MVK - Diff @ Surface for Oct



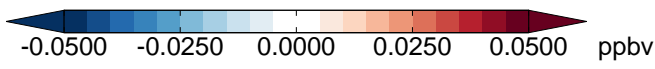
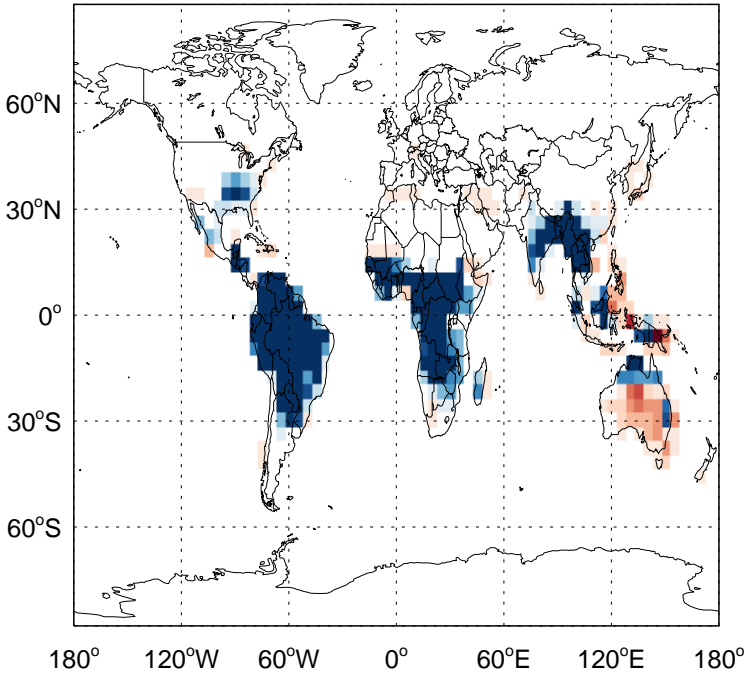
v11-02f-Run0 - v11-02e-Run0  
MVK- Diff @ 500 hPa for Oct



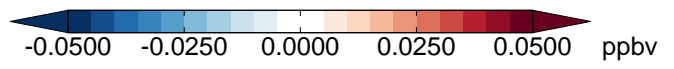
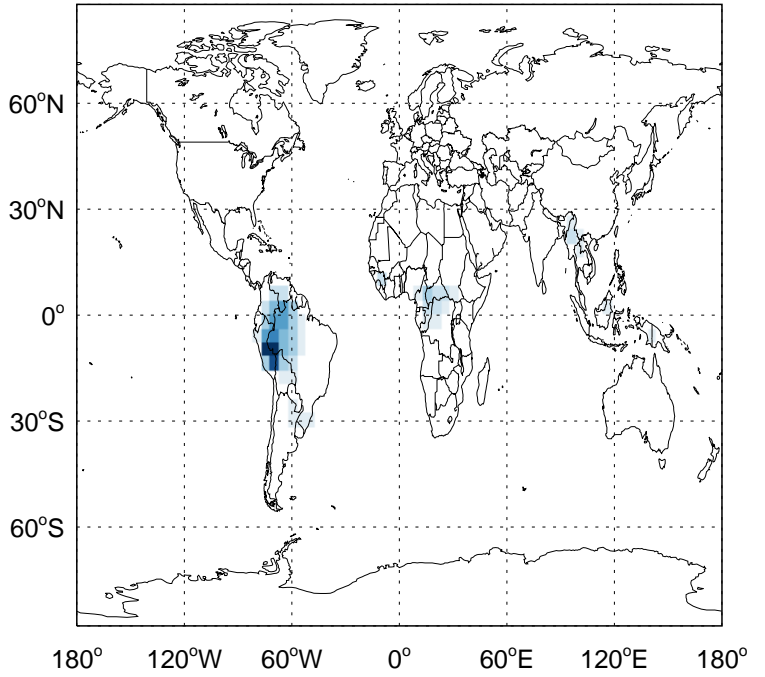


# GEOS-Chem Difference Maps at surface and 500 hPa

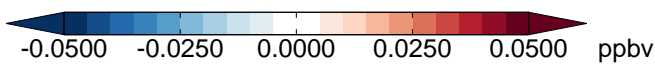
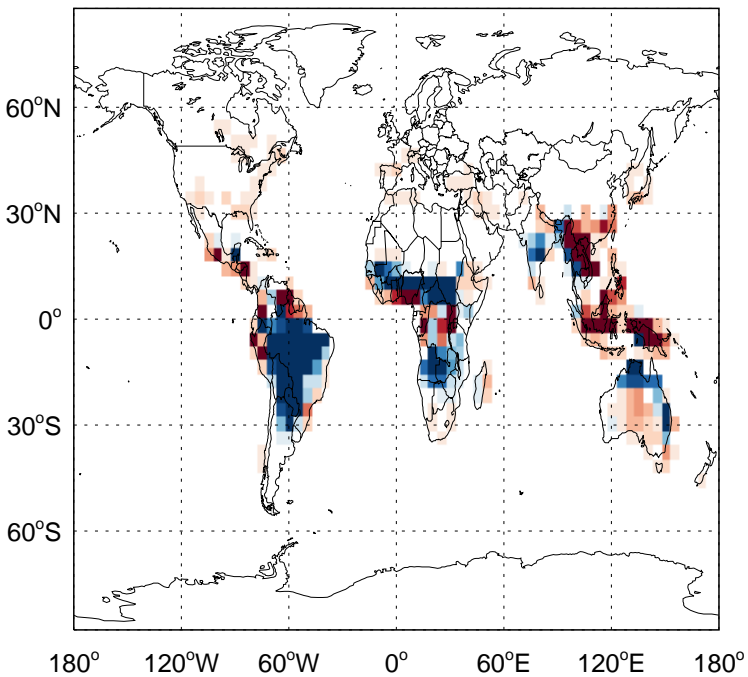
v11-02f-Run0 - v11-02e-Run1  
MACR - Diff @ Surface for Oct



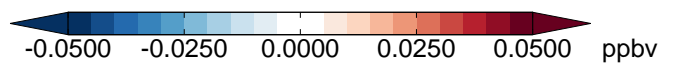
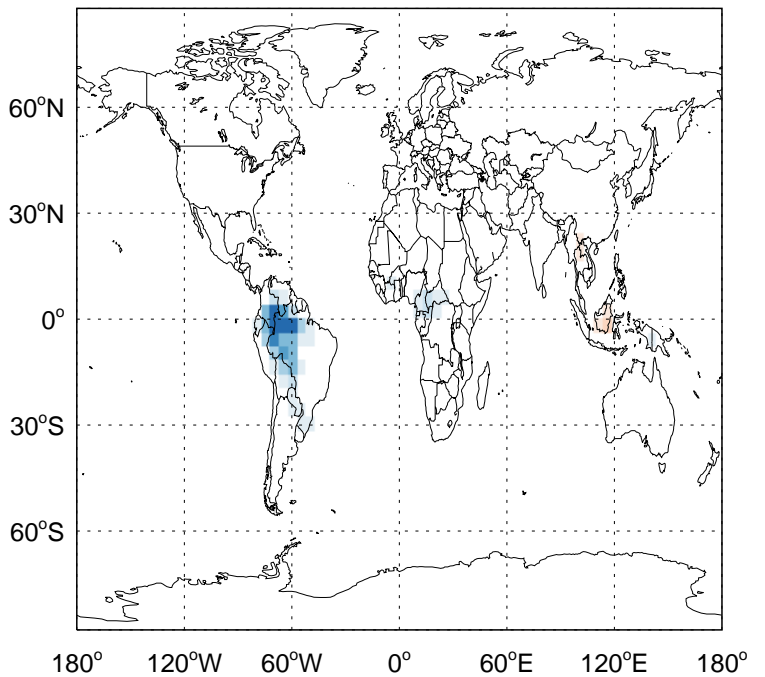
v11-02f-Run0 - v11-02e-Run1  
MACR- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MACR - Diff @ Surface for Oct



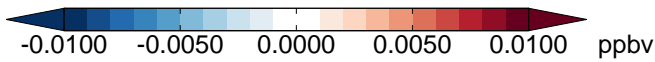
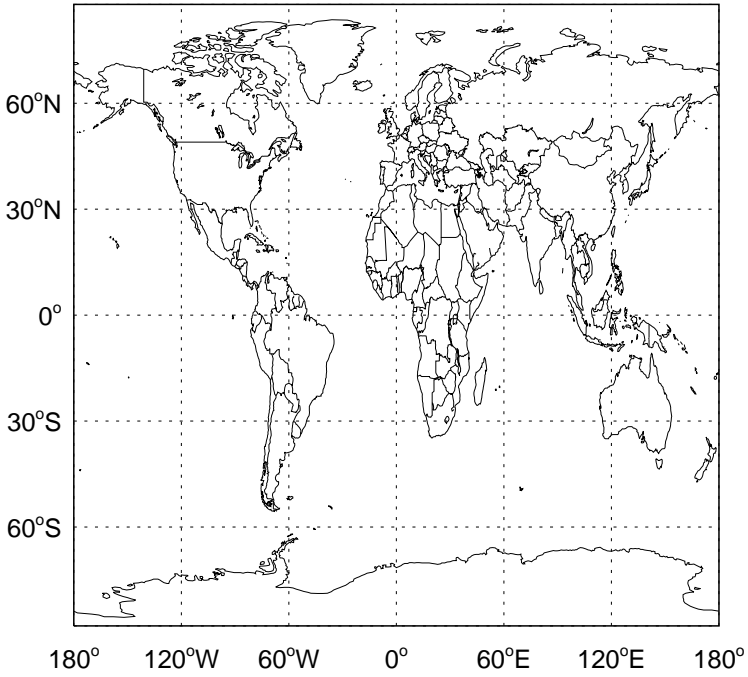
v11-02f-Run0 - v11-02e-Run0  
MACR- Diff @ 500 hPa for Oct



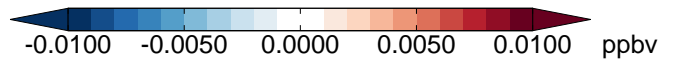


# GEOS-Chem Difference Maps at surface and 500 hPa

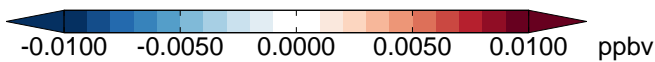
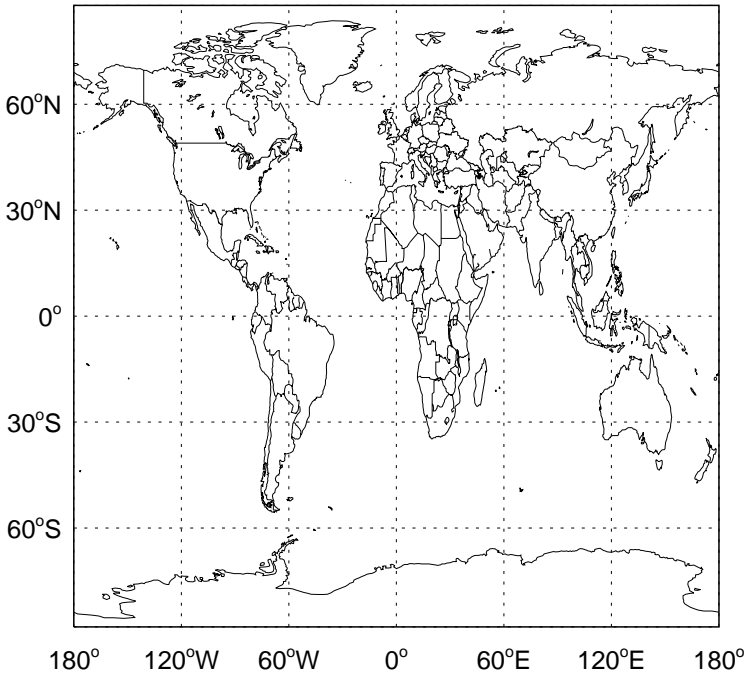
v11-02f-Run0 - v11-02e-Run1  
NPMN - Diff @ Surface for Oct



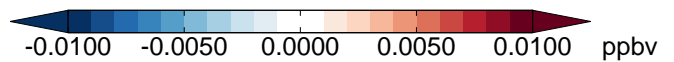
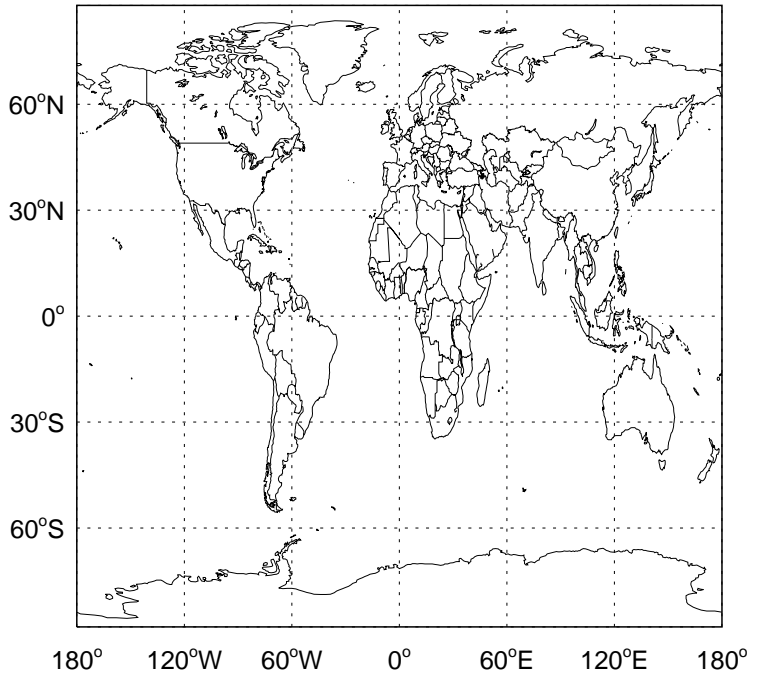
v11-02f-Run0 - v11-02e-Run1  
NPMN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
NPMN - Diff @ Surface for Oct

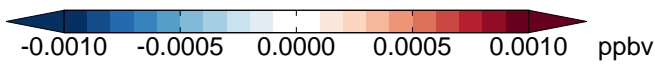
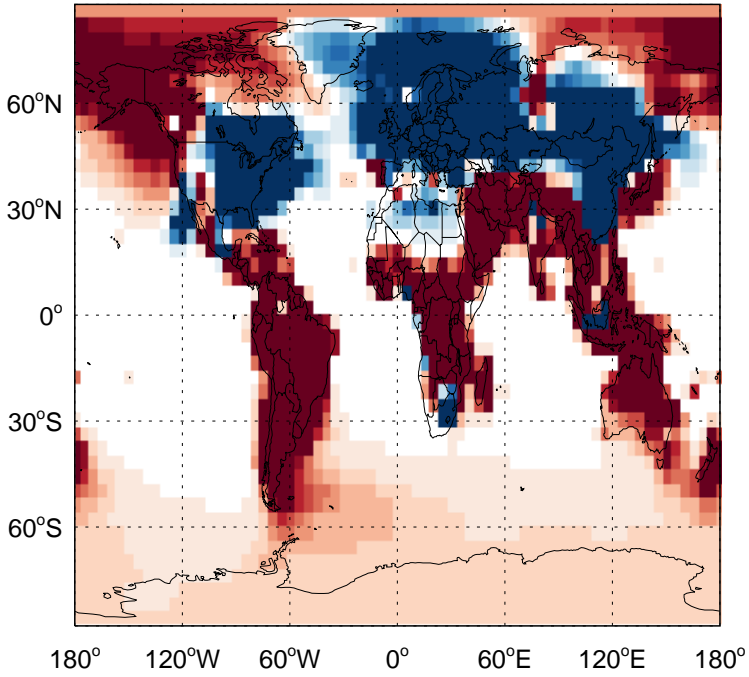


v11-02f-Run0 - v11-02e-Run0  
NPMN- Diff @ 500 hPa for Oct

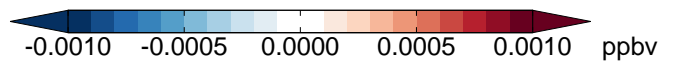
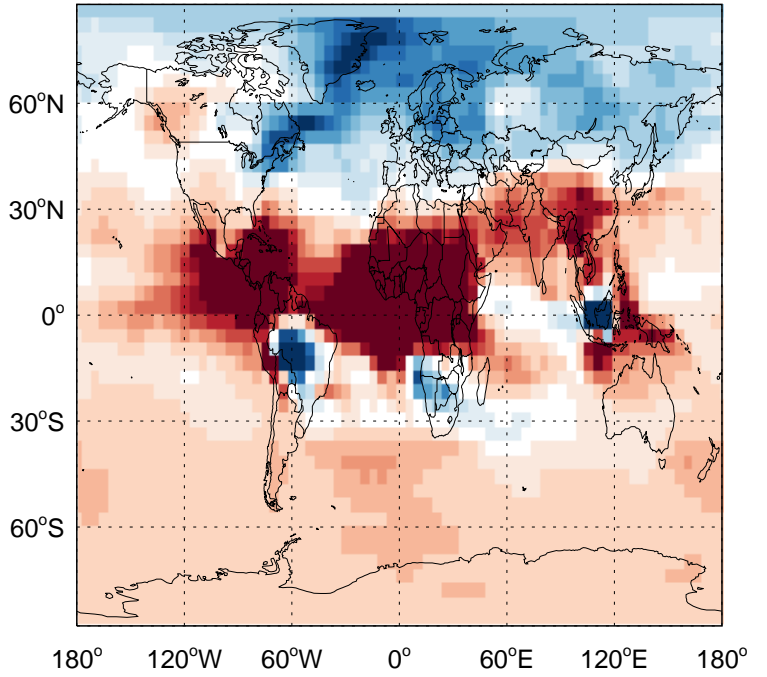


# GEOS-Chem Difference Maps at surface and 500 hPa

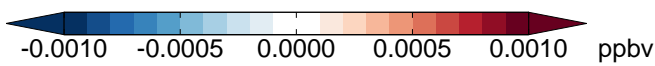
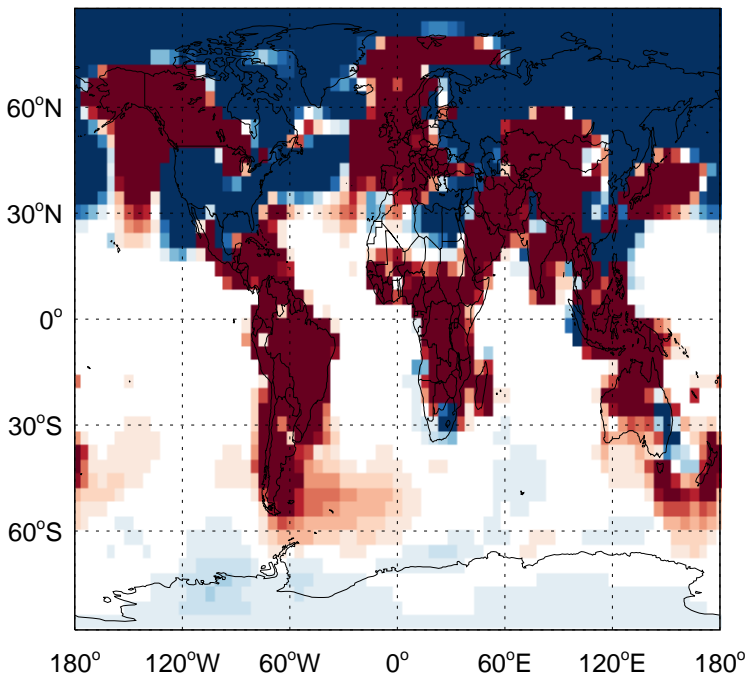
v11-02f-Run0 - v11-02e-Run1  
PPN - Diff @ Surface for Oct



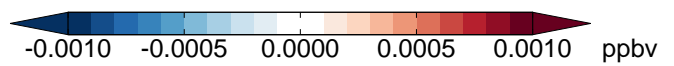
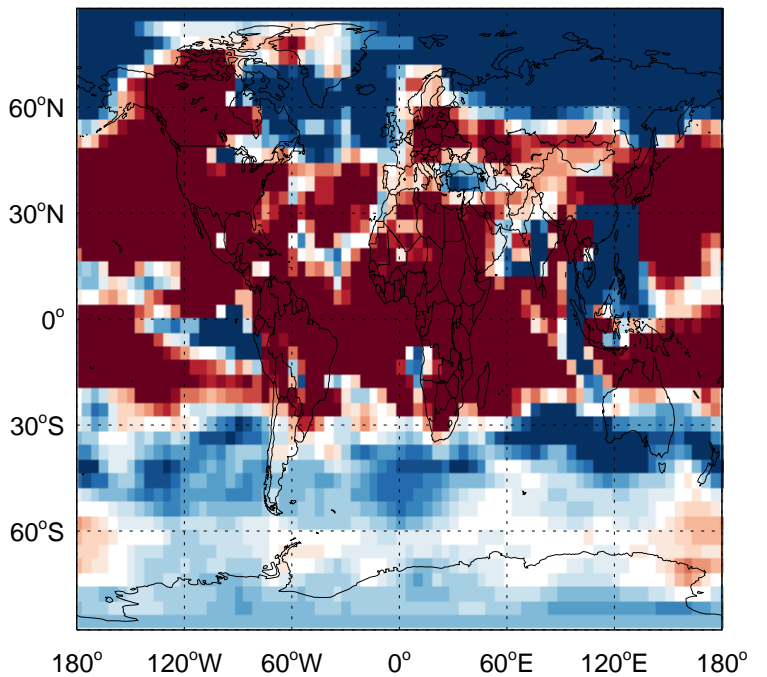
v11-02f-Run0 - v11-02e-Run1  
PPN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
PPN - Diff @ Surface for Oct



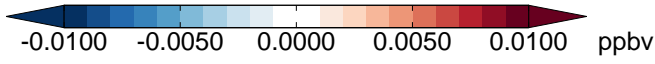
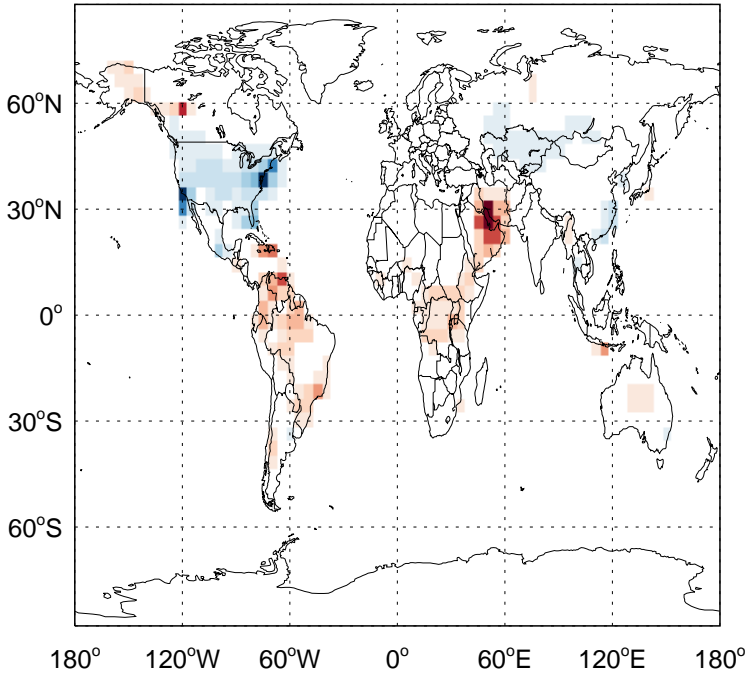
v11-02f-Run0 - v11-02e-Run0  
PPN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

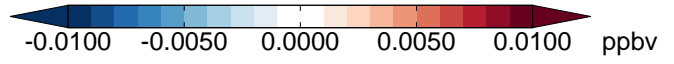
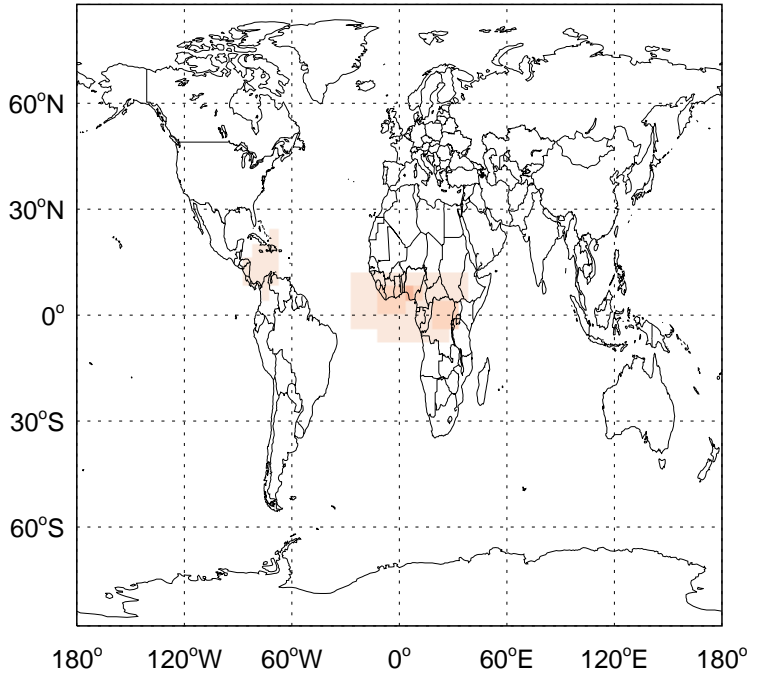
v11-02f-Run0 - v11-02e-Run1

R4N2 - Diff @ Surface for Oct



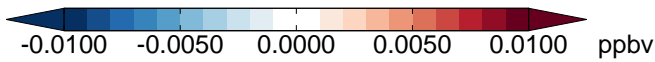
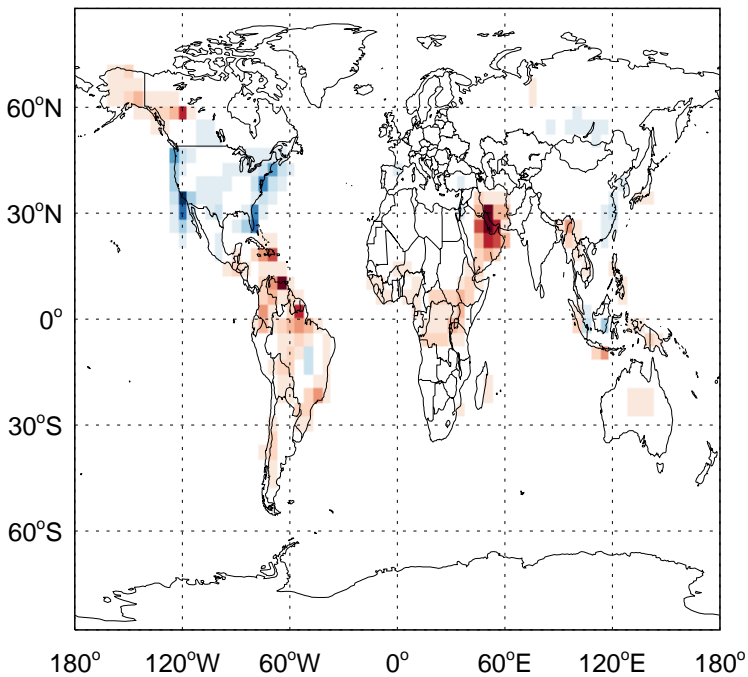
v11-02f-Run0 - v11-02e-Run1

R4N2- Diff @ 500 hPa for Oct



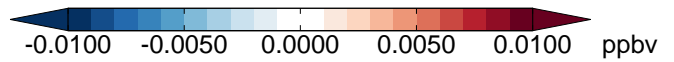
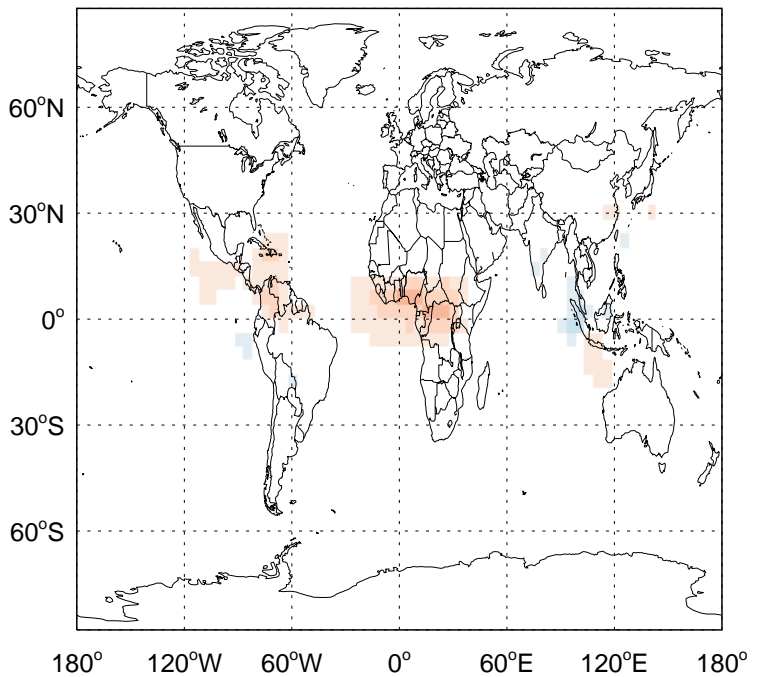
v11-02f-Run0 - v11-02e-Run0

R4N2 - Diff @ Surface for Oct



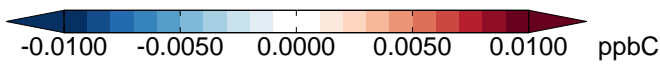
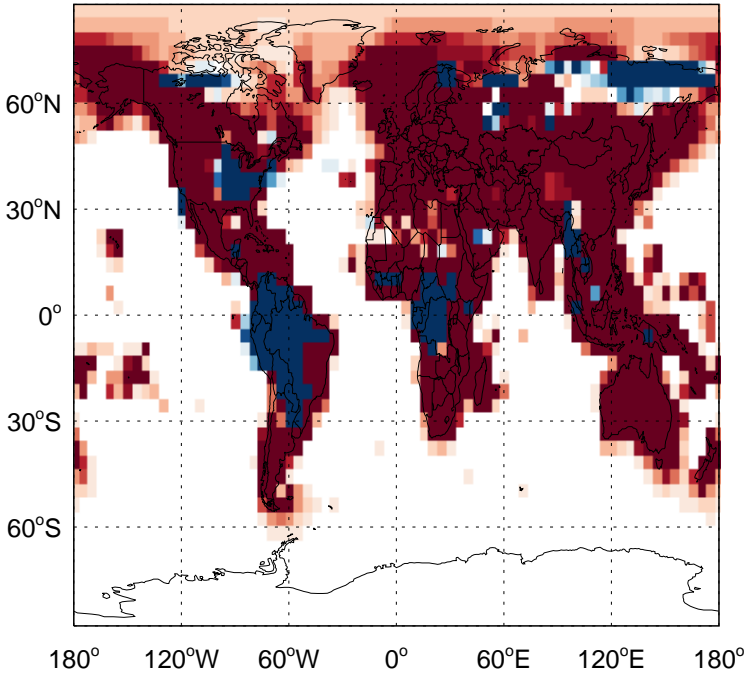
v11-02f-Run0 - v11-02e-Run0

R4N2- Diff @ 500 hPa for Oct

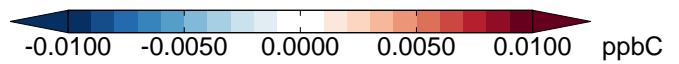
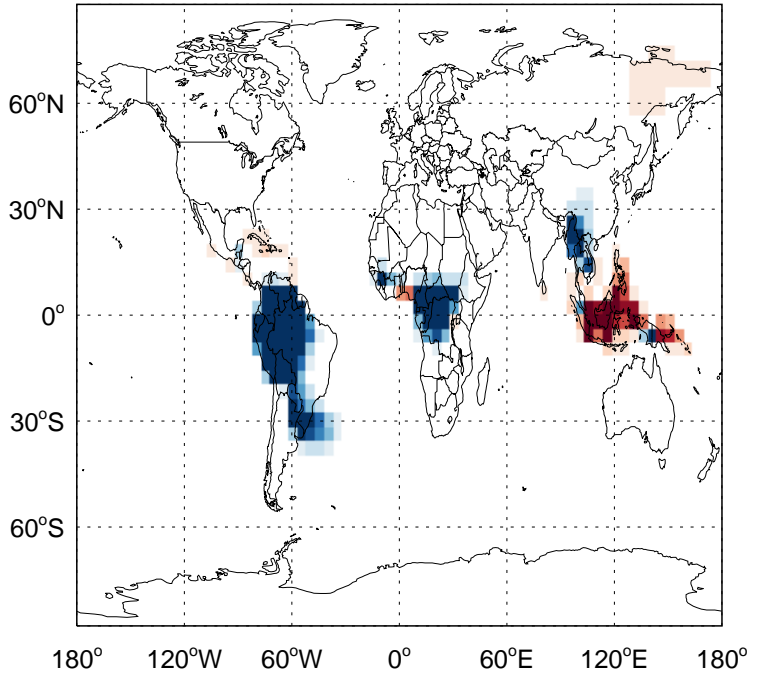


# GEOS-Chem Difference Maps at surface and 500 hPa

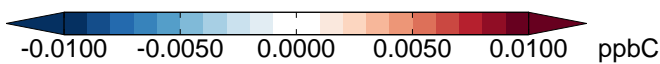
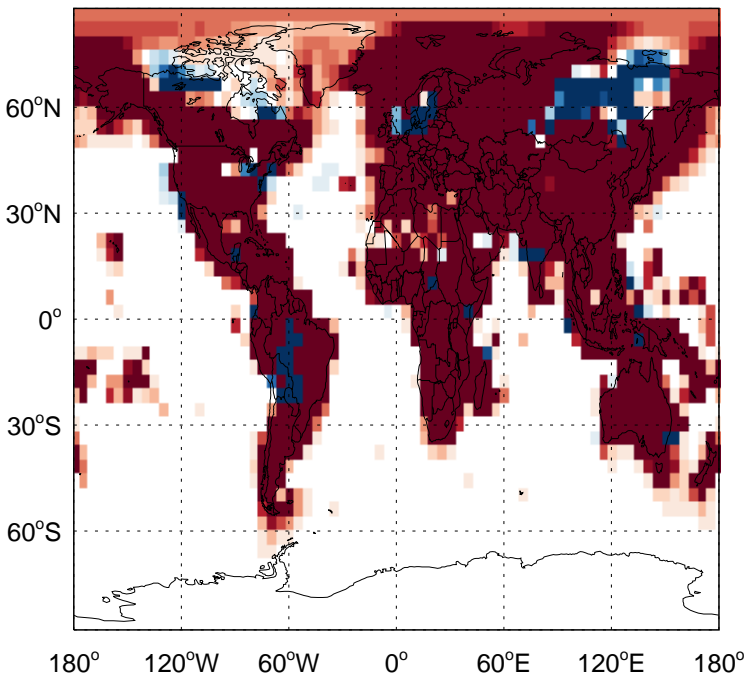
v11-02f-Run0 - v11-02e-Run1  
PRPE - Diff @ Surface for Oct



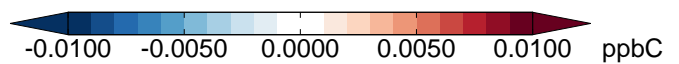
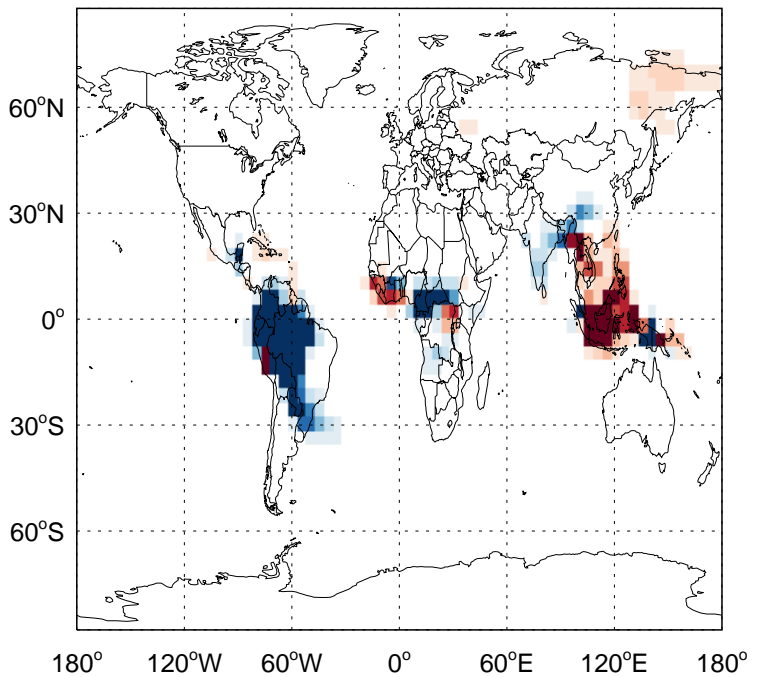
v11-02f-Run0 - v11-02e-Run1  
PRPE- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
PRPE - Diff @ Surface for Oct



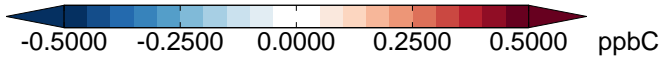
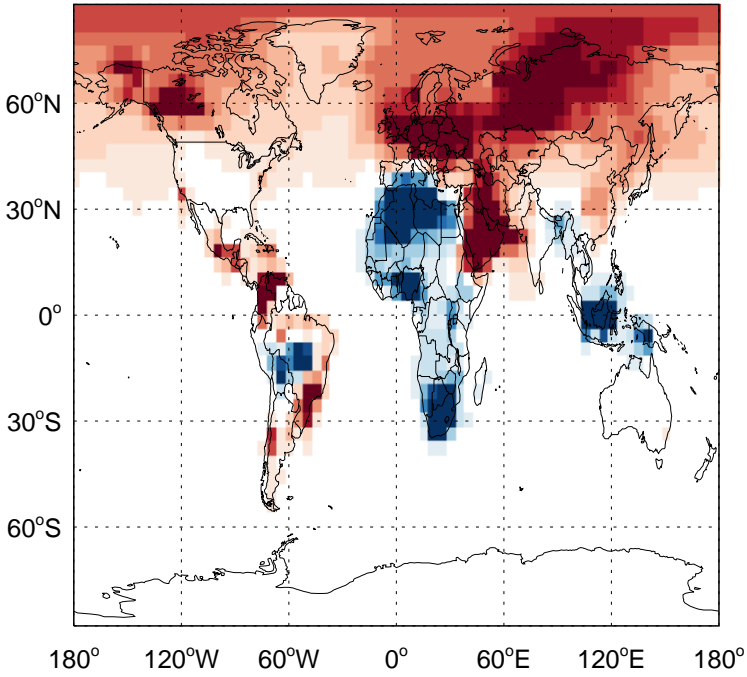
v11-02f-Run0 - v11-02e-Run0  
PRPE- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

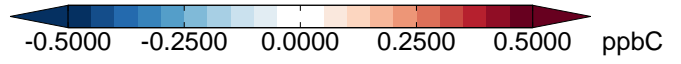
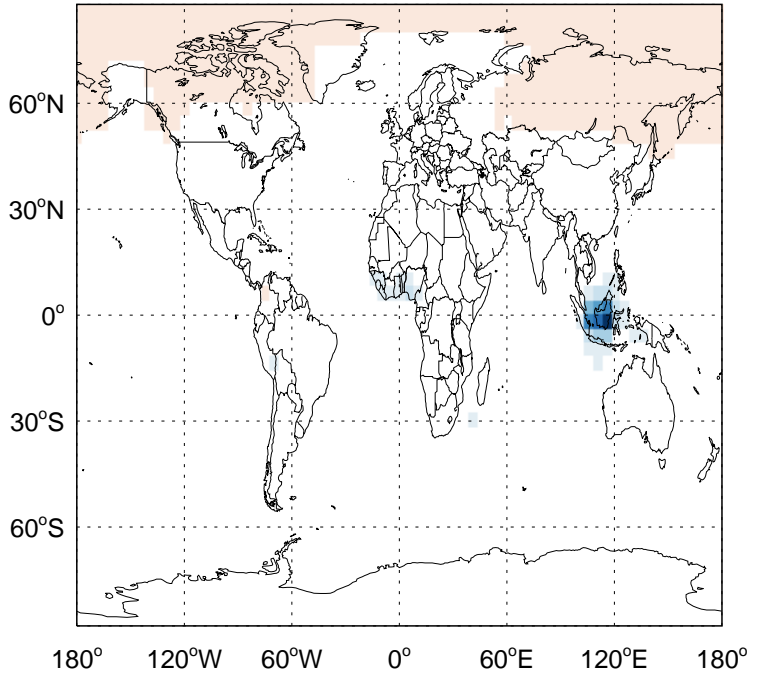
v11-02f-Run0 - v11-02e-Run1

C3H8 - Diff @ Surface for Oct



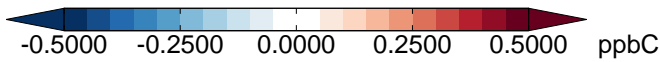
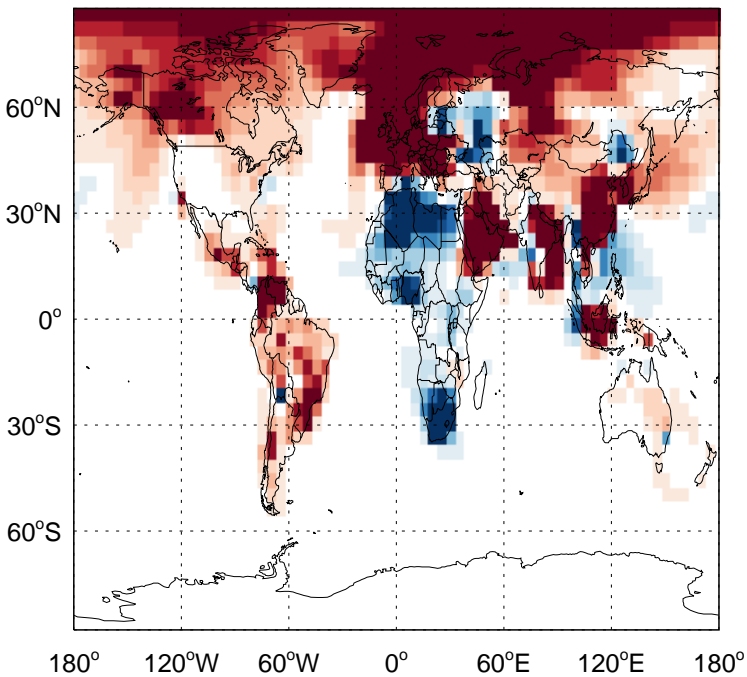
v11-02f-Run0 - v11-02e-Run1

C3H8- Diff @ 500 hPa for Oct



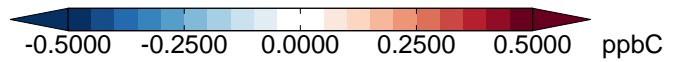
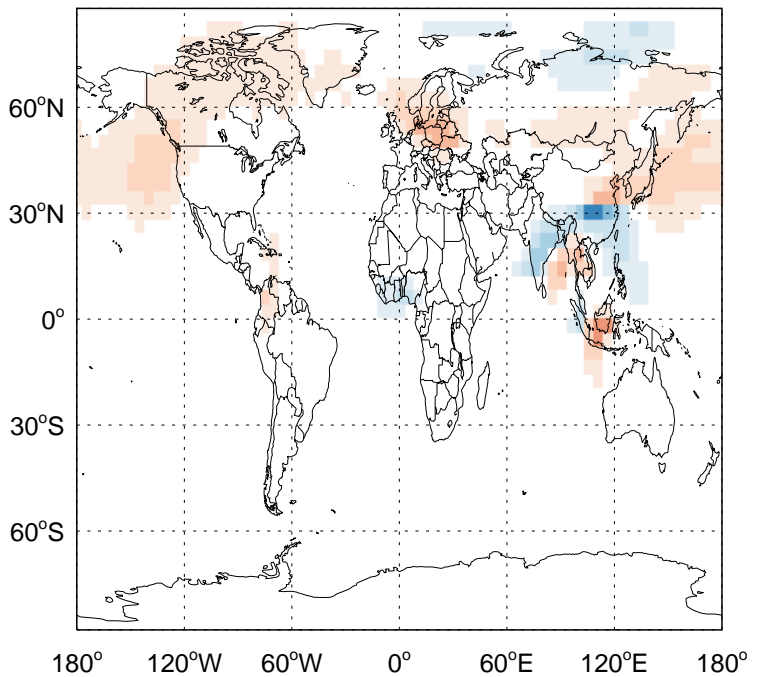
v11-02f-Run0 - v11-02e-Run0

C3H8 - Diff @ Surface for Oct



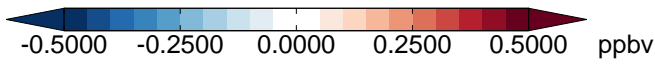
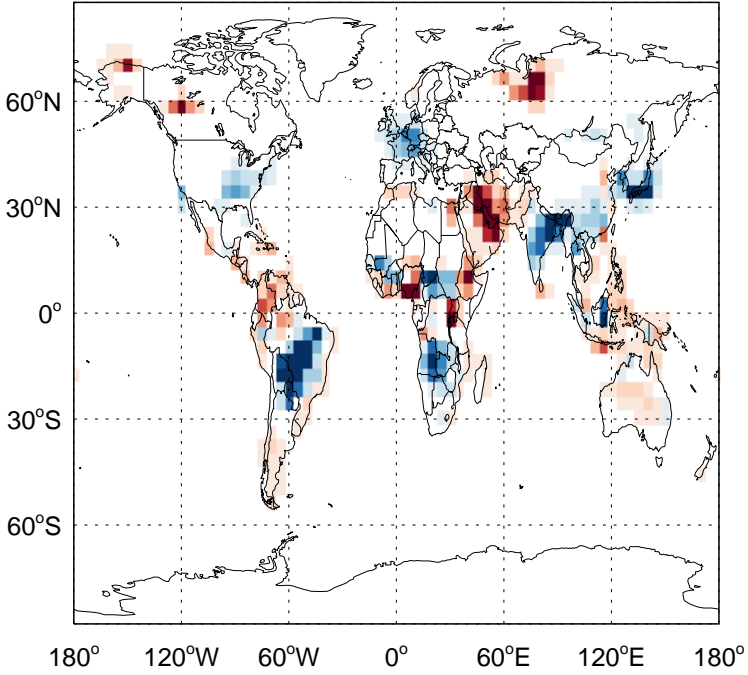
v11-02f-Run0 - v11-02e-Run0

C3H8- Diff @ 500 hPa for Oct

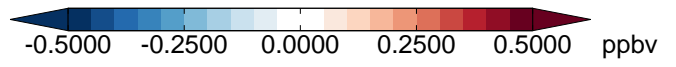
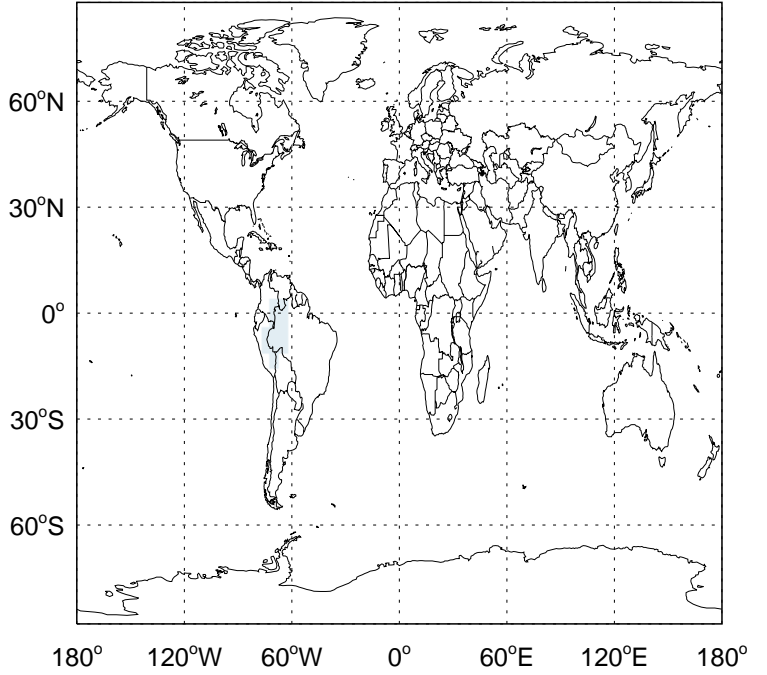


# GEOS-Chem Difference Maps at surface and 500 hPa

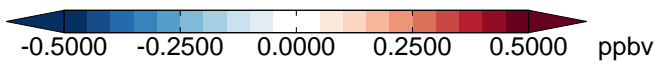
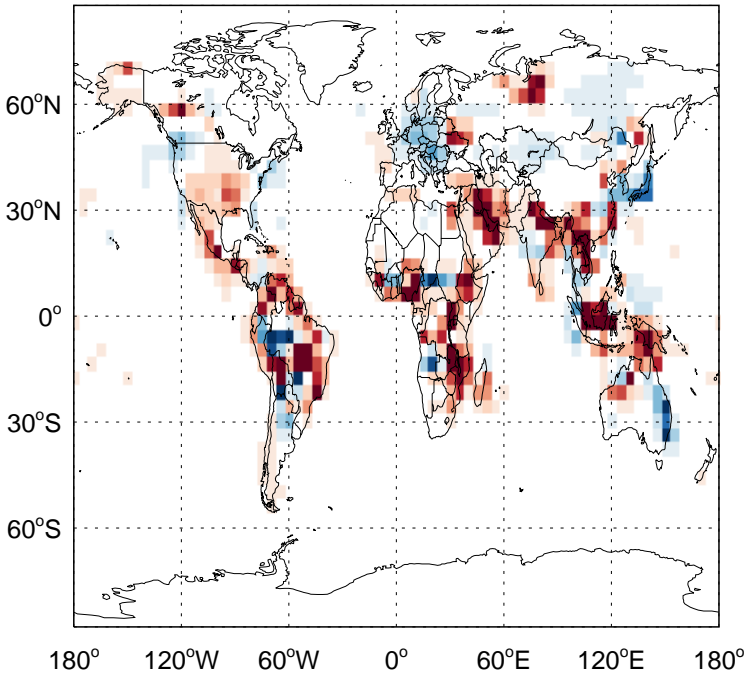
v11-02f-Run0 - v11-02e-Run1  
CH<sub>2</sub>O - Diff @ Surface for Oct



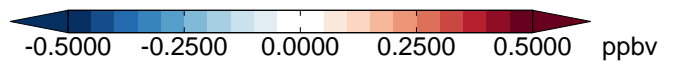
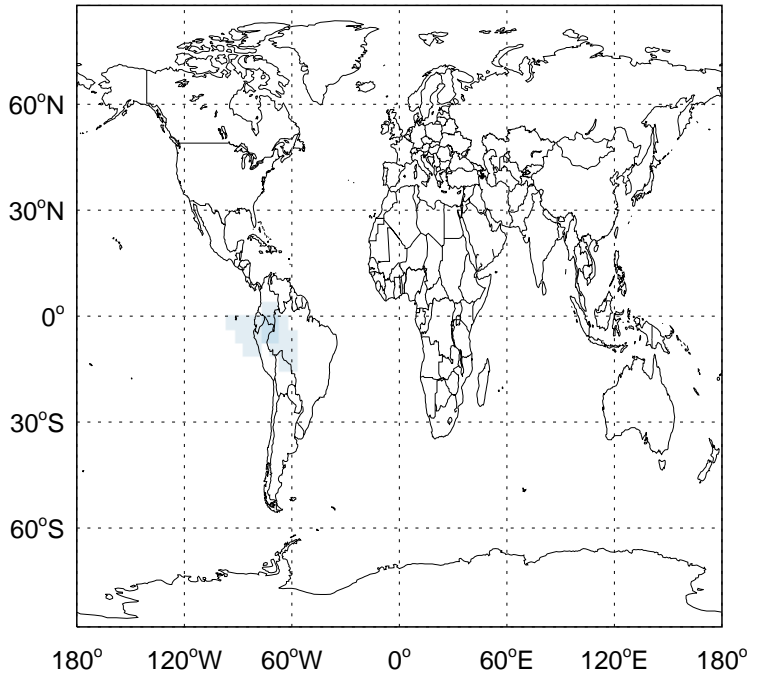
v11-02f-Run0 - v11-02e-Run1  
CH<sub>2</sub>O - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CH<sub>2</sub>O - Diff @ Surface for Oct



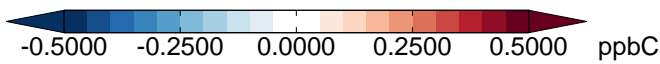
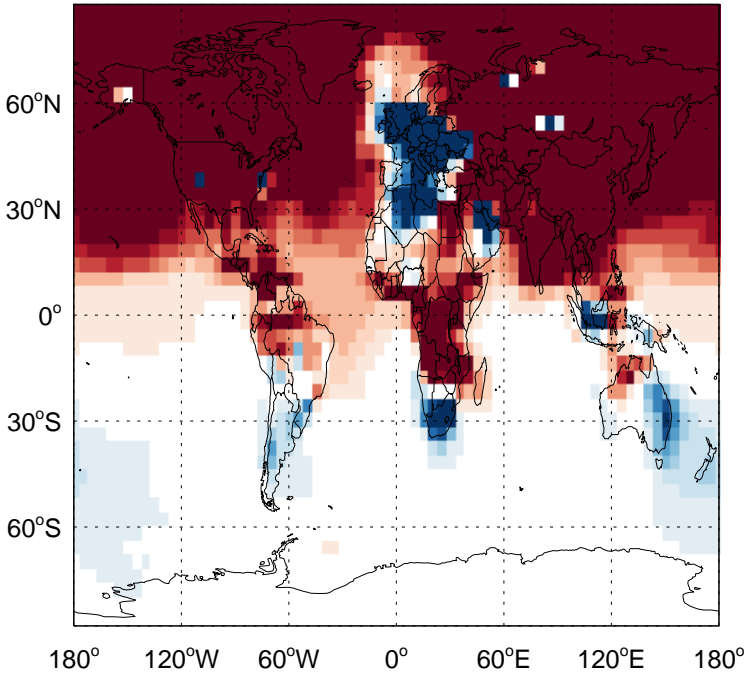
v11-02f-Run0 - v11-02e-Run0  
CH<sub>2</sub>O - Diff @ 500 hPa for Oct



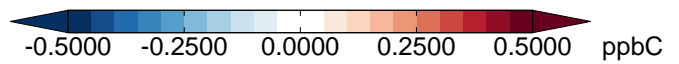
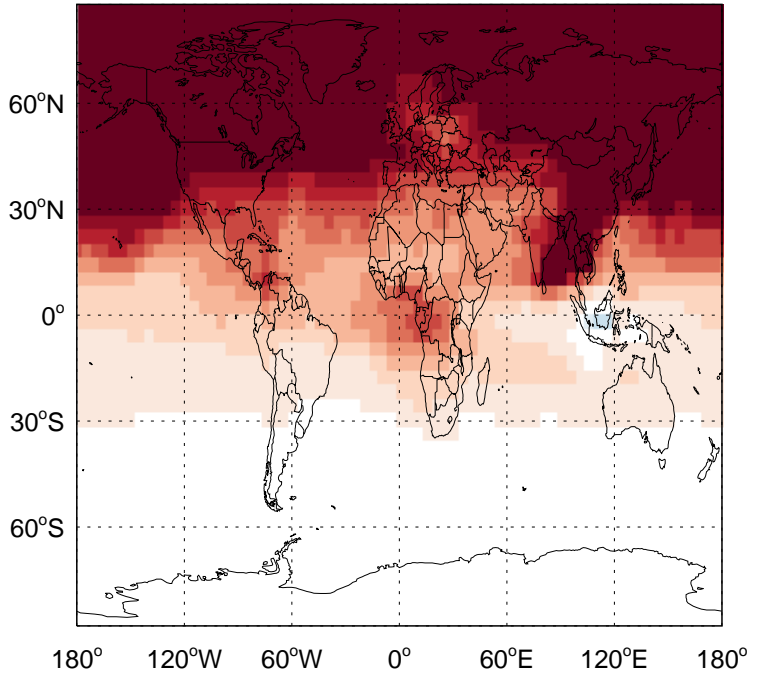


# GEOS-Chem Difference Maps at surface and 500 hPa

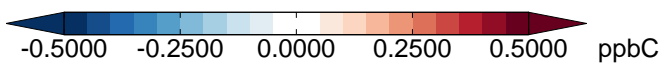
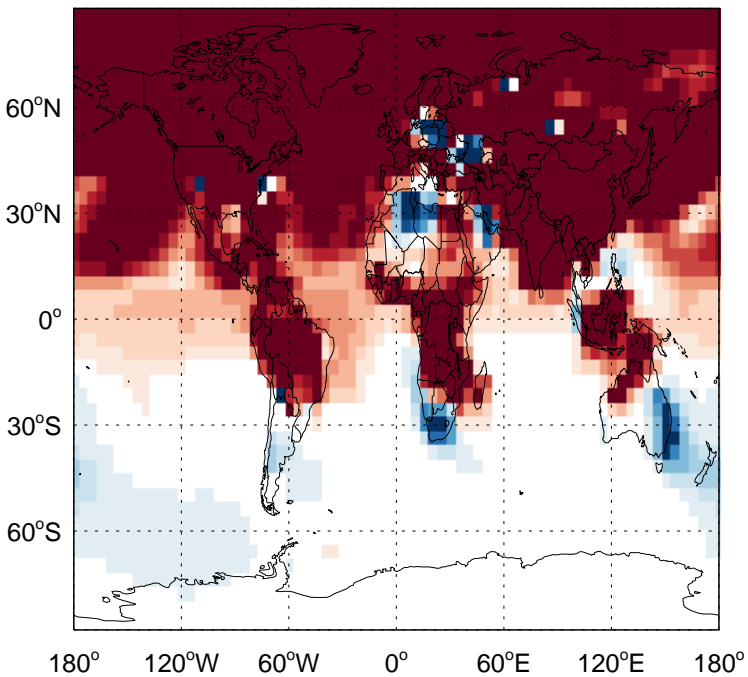
v11-02f-Run0 - v11-02e-Run1  
C2H6 - Diff @ Surface for Oct



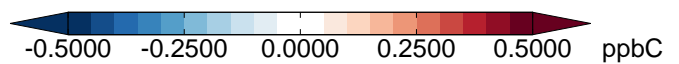
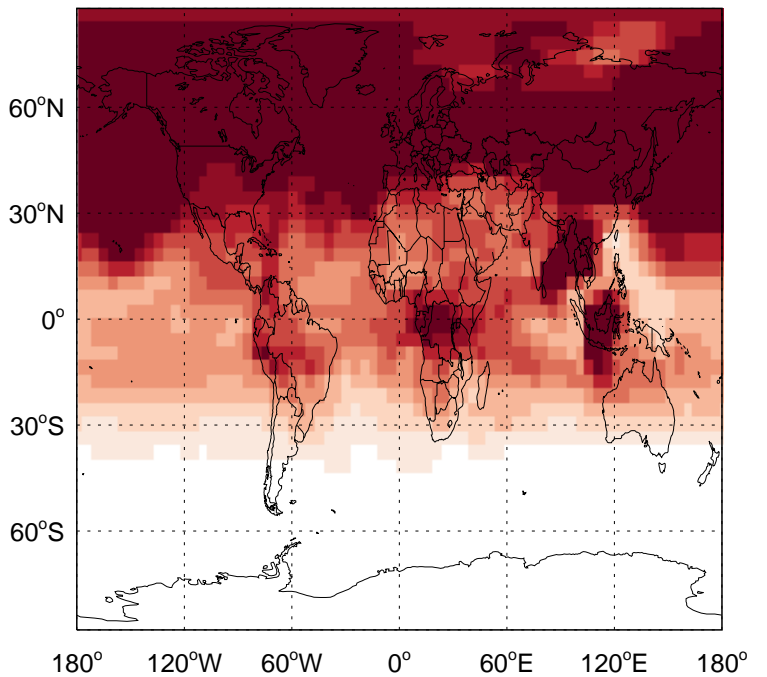
v11-02f-Run0 - v11-02e-Run1  
C2H6- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
C2H6 - Diff @ Surface for Oct

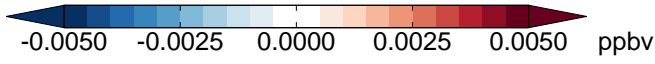
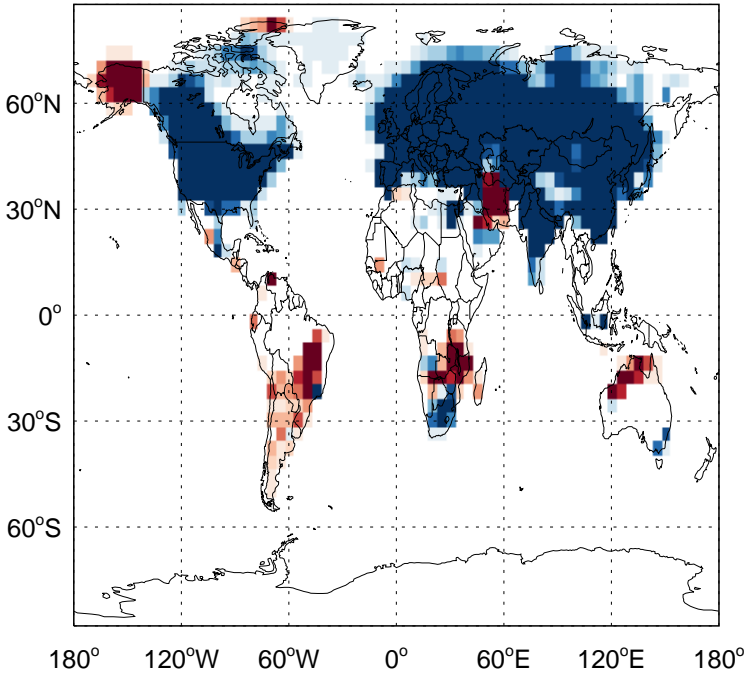


v11-02f-Run0 - v11-02e-Run0  
C2H6- Diff @ 500 hPa for Oct

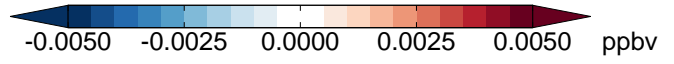
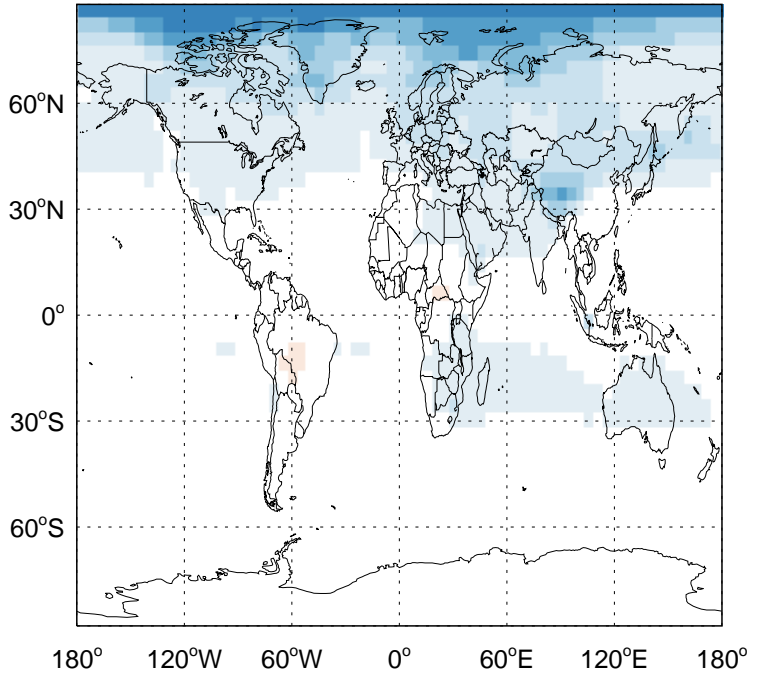


# GEOS-Chem Difference Maps at surface and 500 hPa

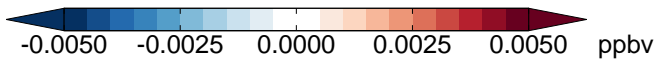
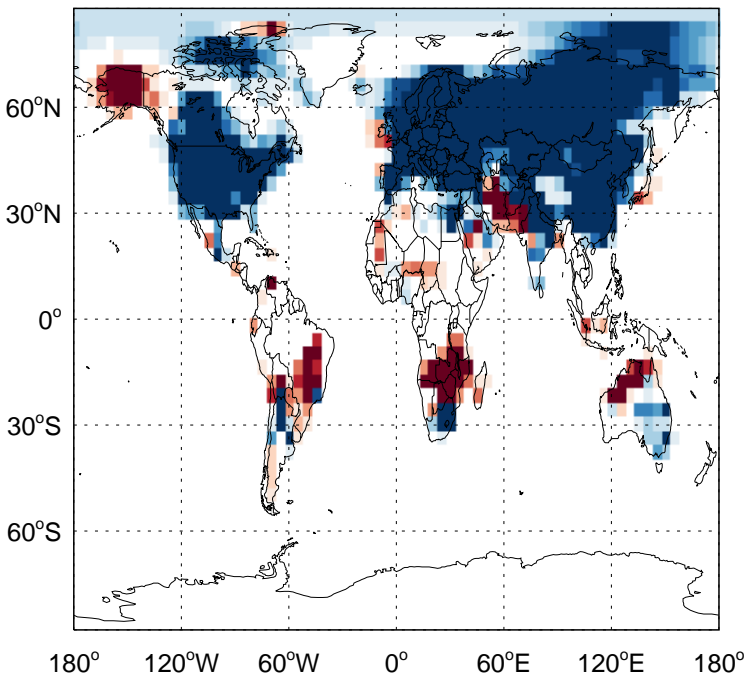
v11-02f-Run0 - v11-02e-Run1  
N2O5 - Diff @ Surface for Oct



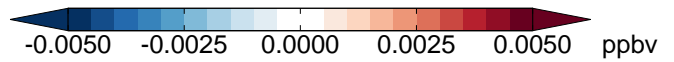
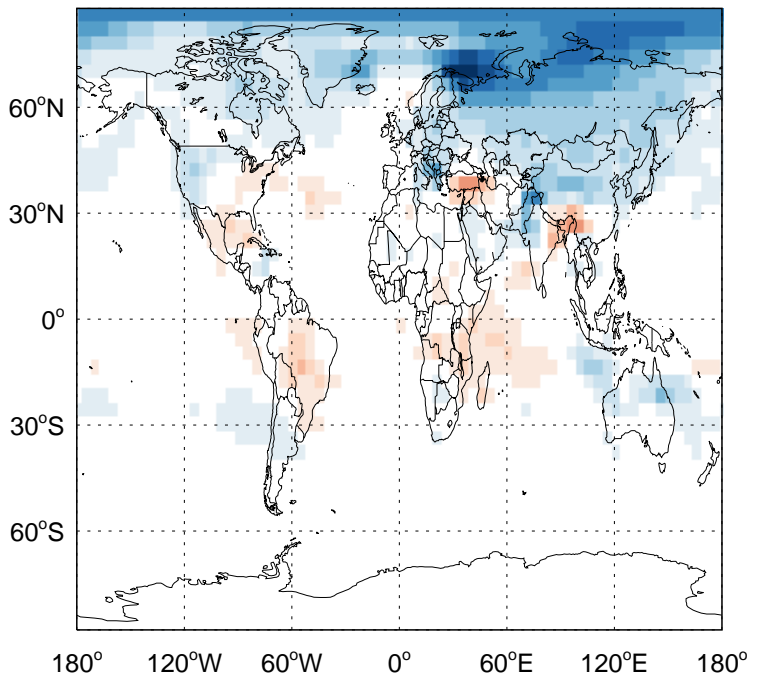
v11-02f-Run0 - v11-02e-Run1  
N2O5- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
N2O5 - Diff @ Surface for Oct

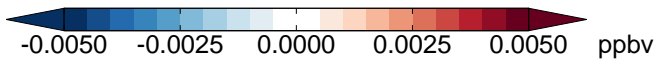
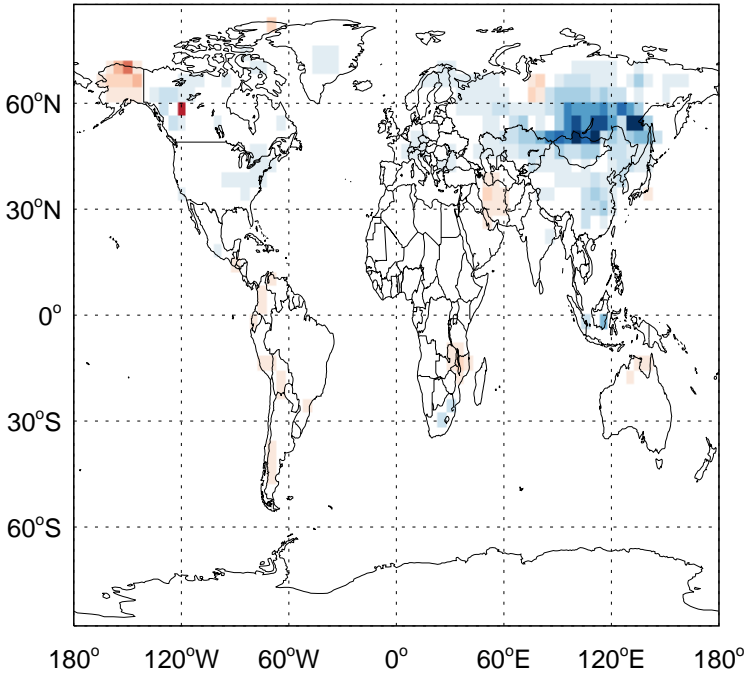


v11-02f-Run0 - v11-02e-Run0  
N2O5- Diff @ 500 hPa for Oct

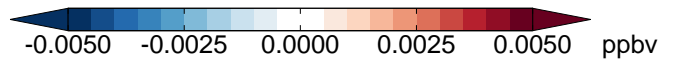
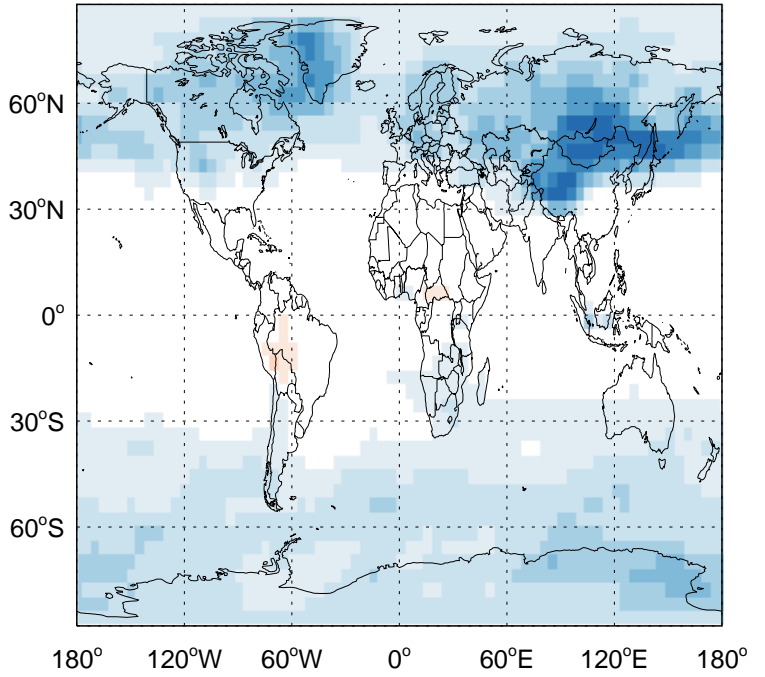


# GEOS-Chem Difference Maps at surface and 500 hPa

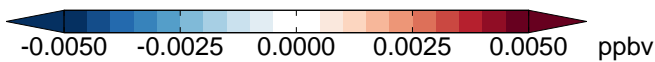
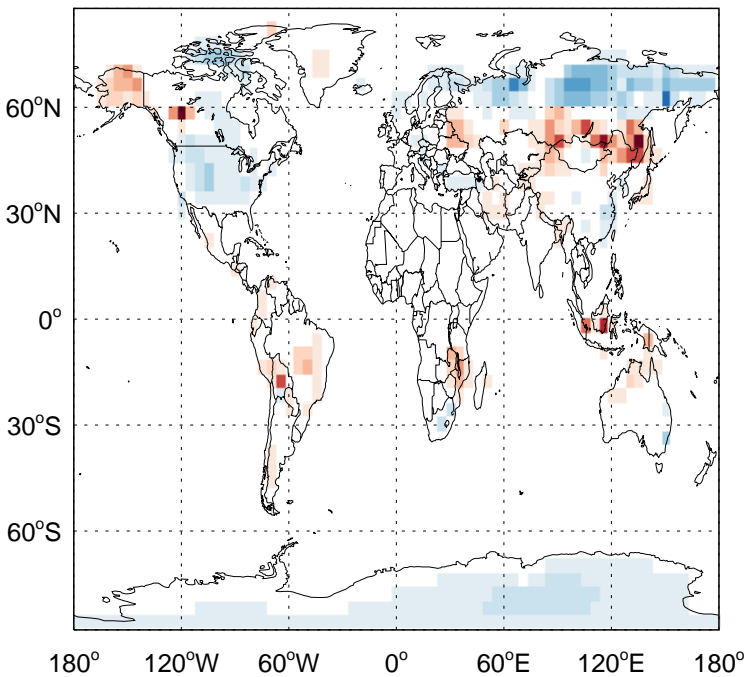
v11-02f-Run0 - v11-02e-Run1  
HNO<sub>4</sub> - Diff @ Surface for Oct



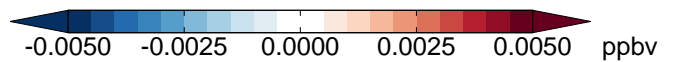
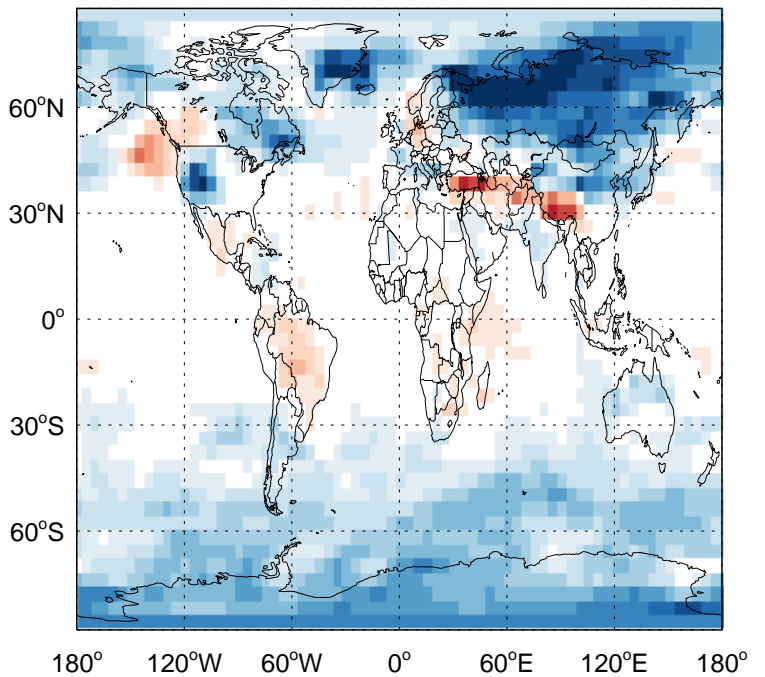
v11-02f-Run0 - v11-02e-Run1  
HNO<sub>4</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HNO<sub>4</sub> - Diff @ Surface for Oct

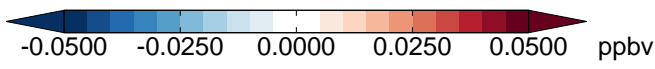
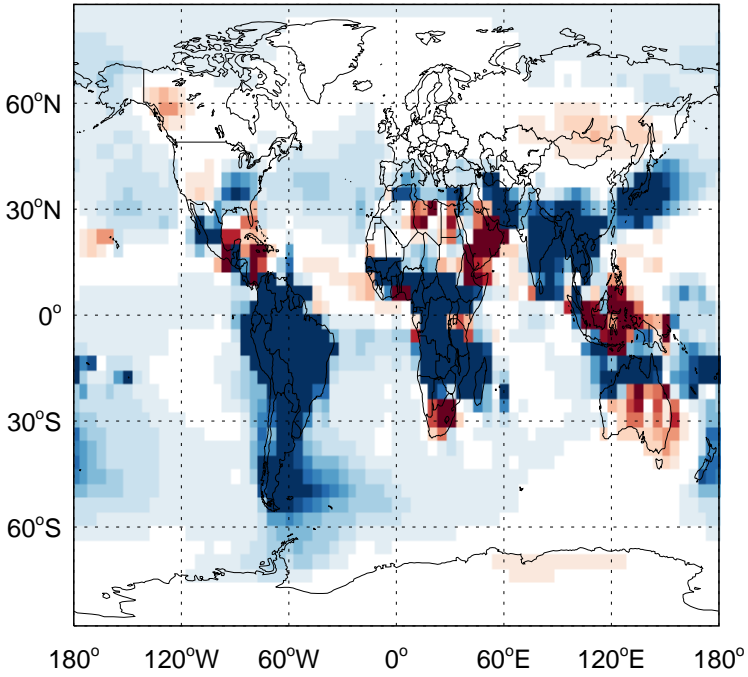


v11-02f-Run0 - v11-02e-Run0  
HNO<sub>4</sub> - Diff @ 500 hPa for Oct

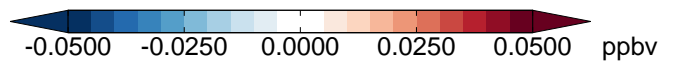
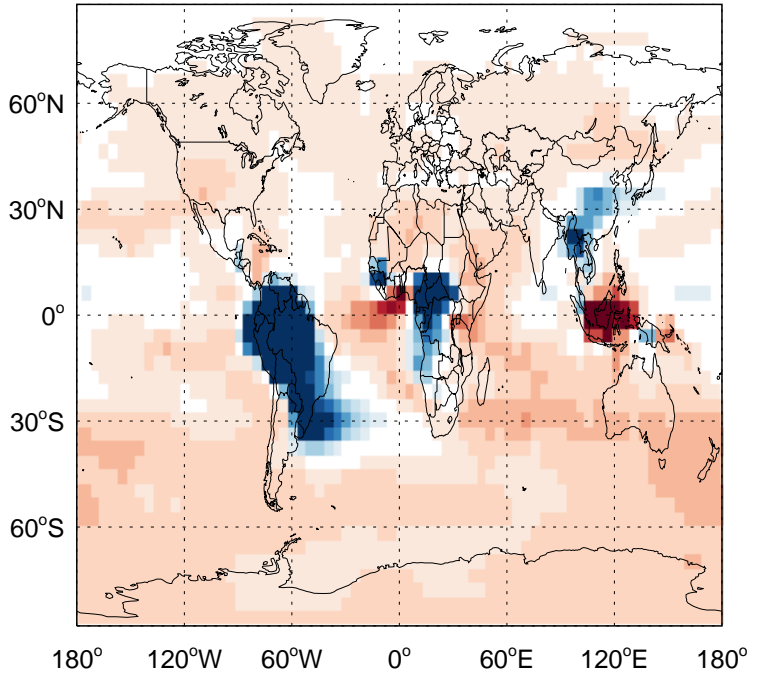


# GEOS-Chem Difference Maps at surface and 500 hPa

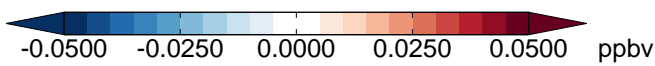
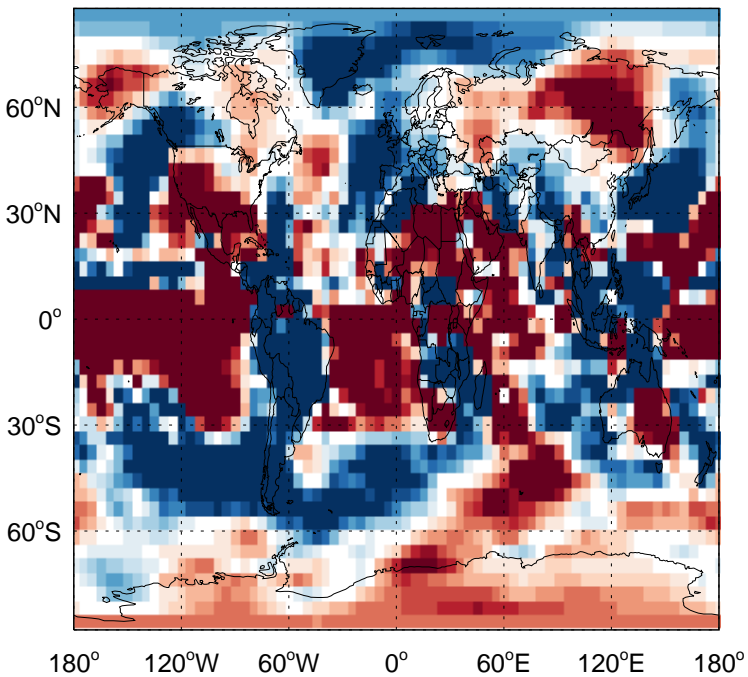
v11-02f-Run0 - v11-02e-Run1  
MP - Diff @ Surface for Oct



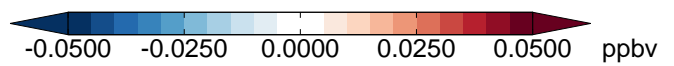
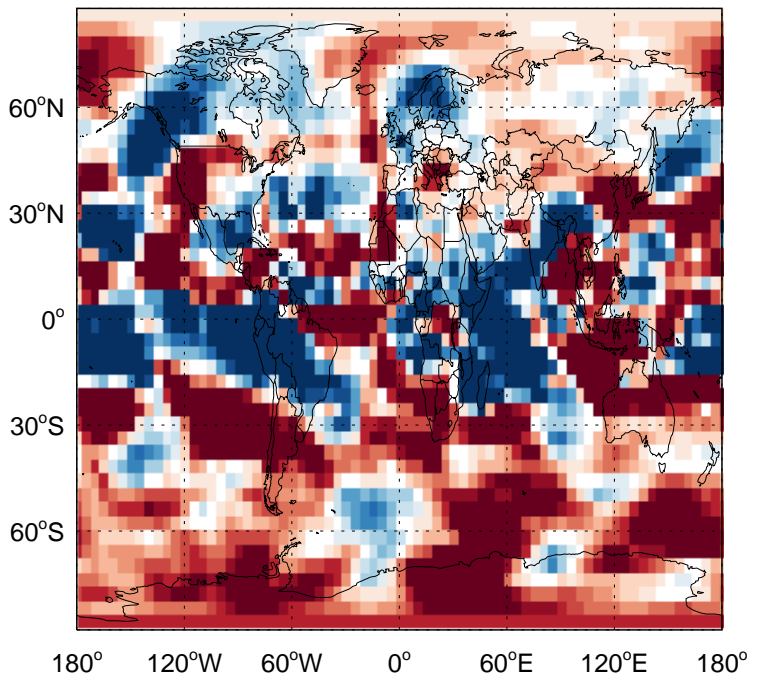
v11-02f-Run0 - v11-02e-Run1  
MP - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MP - Diff @ Surface for Oct



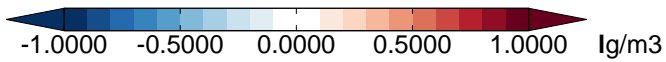
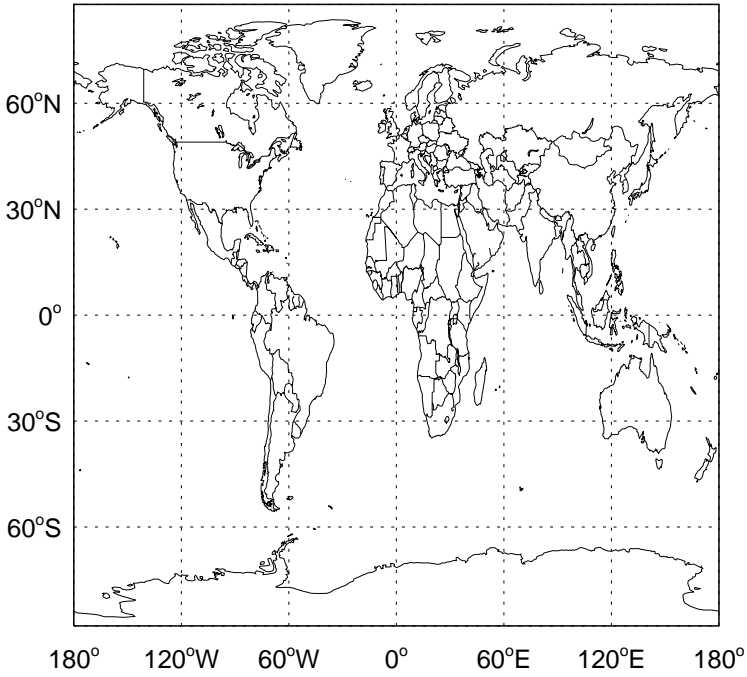
v11-02f-Run0 - v11-02e-Run0  
MP - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

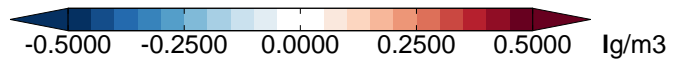
v11-02f-Run0 - v11-02e-Run1

DMS - Diff @ Surface for Oct



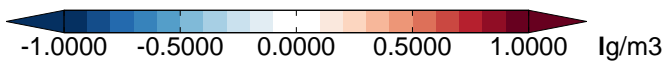
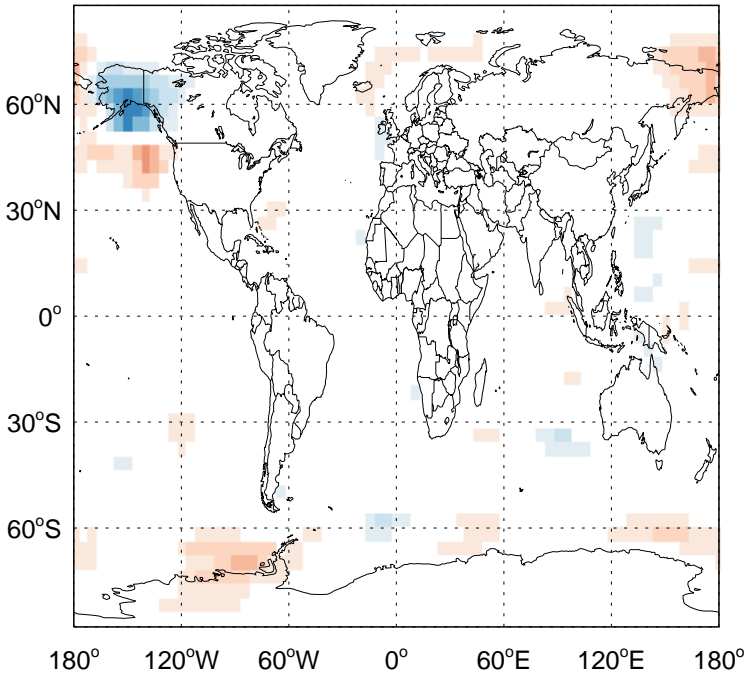
v11-02f-Run0 - v11-02e-Run1

DMS- Diff @ 500 hPa for Oct



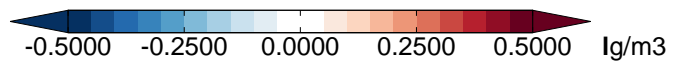
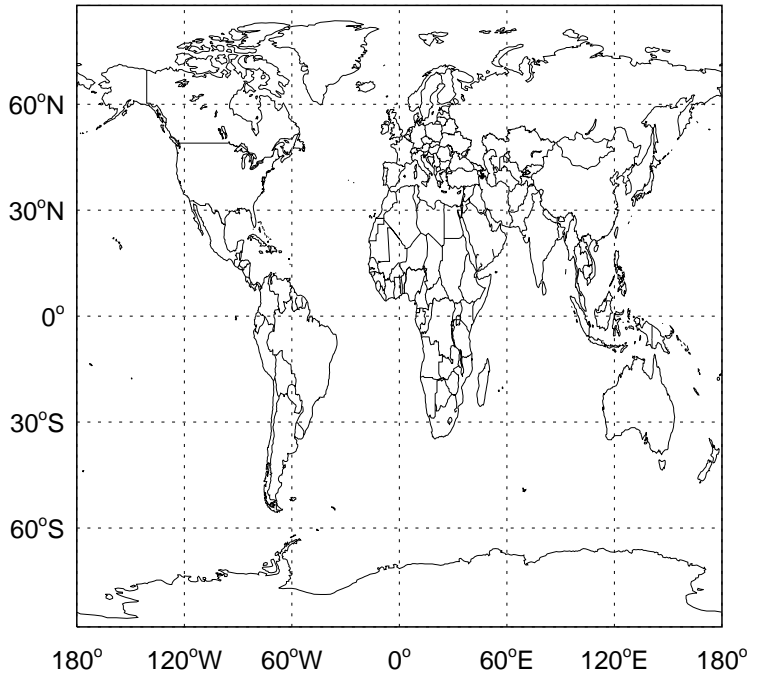
v11-02f-Run0 - v11-02e-Run0

DMS - Diff @ Surface for Oct



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

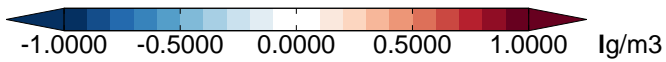
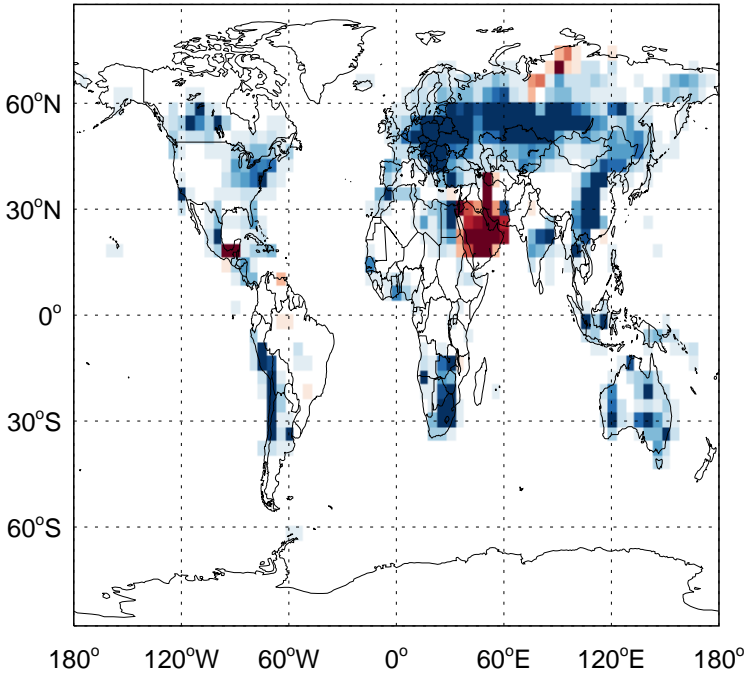
DMS- Diff @ 500 hPa for Oct



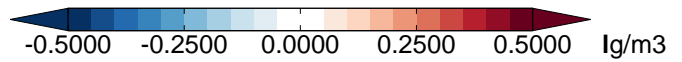
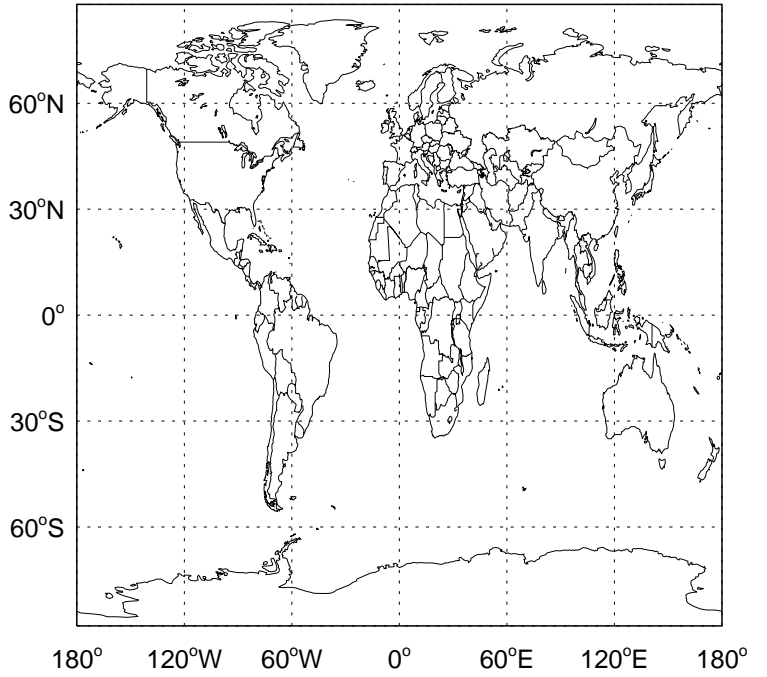


# GEOS-Chem Difference Maps at surface and 500 hPa

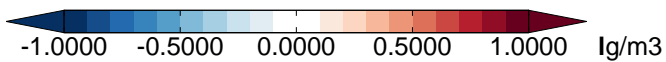
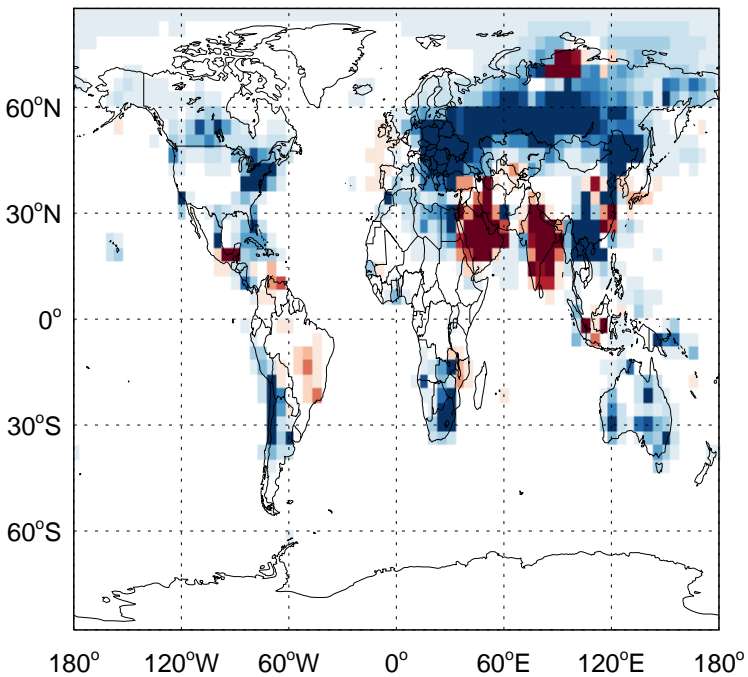
v11-02f-Run0 - v11-02e-Run1  
SO<sub>2</sub> - Diff @ Surface for Oct



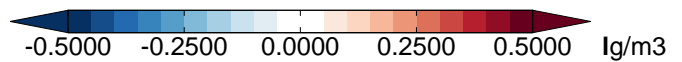
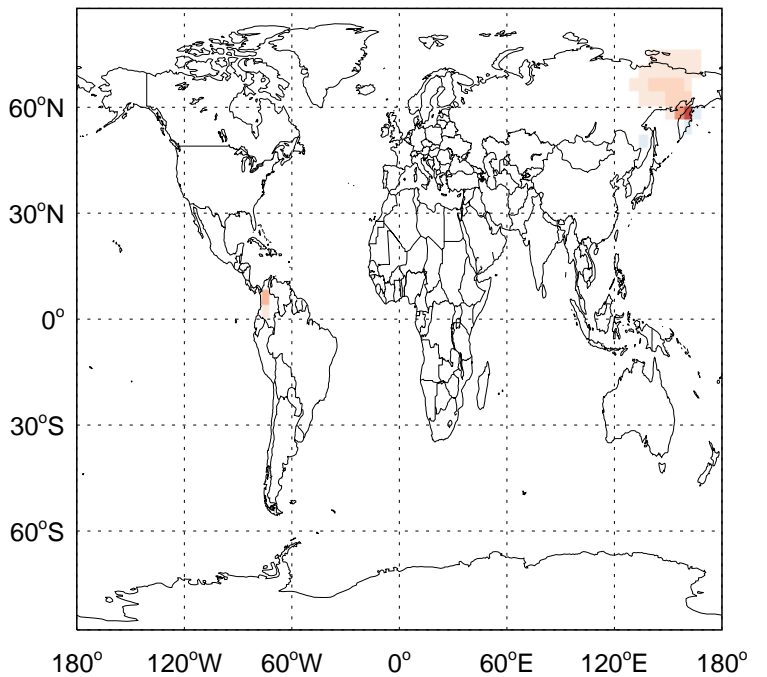
v11-02f-Run0 - v11-02e-Run1  
SO<sub>2</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SO<sub>2</sub> - Diff @ Surface for Oct



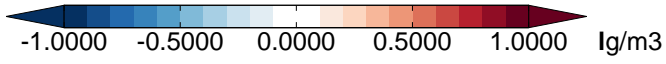
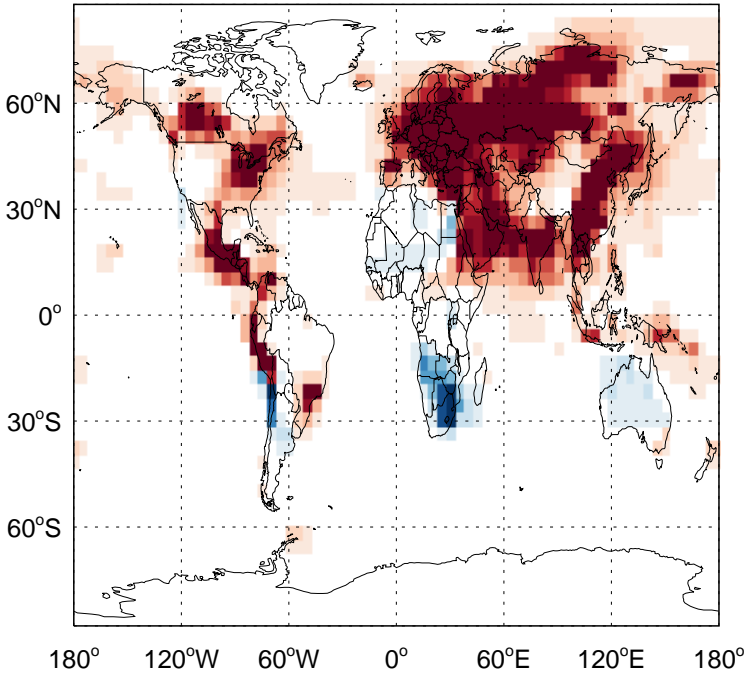
v11-02f-Run0 - v11-02e-Run0  
SO<sub>2</sub> - Diff @ 500 hPa for Oct



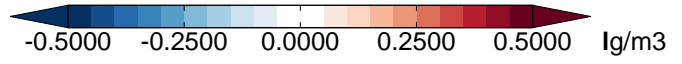
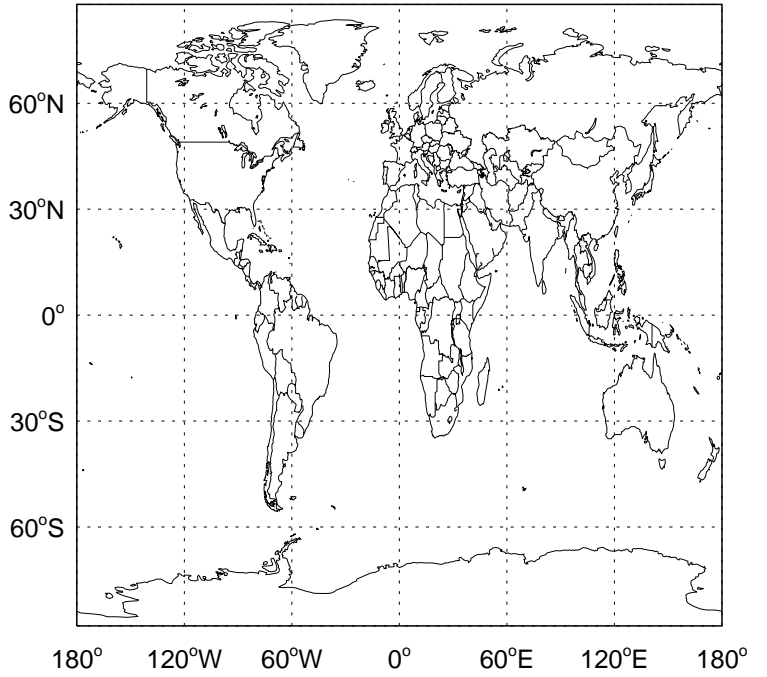


# GEOS-Chem Difference Maps at surface and 500 hPa

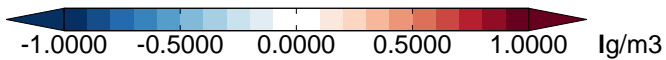
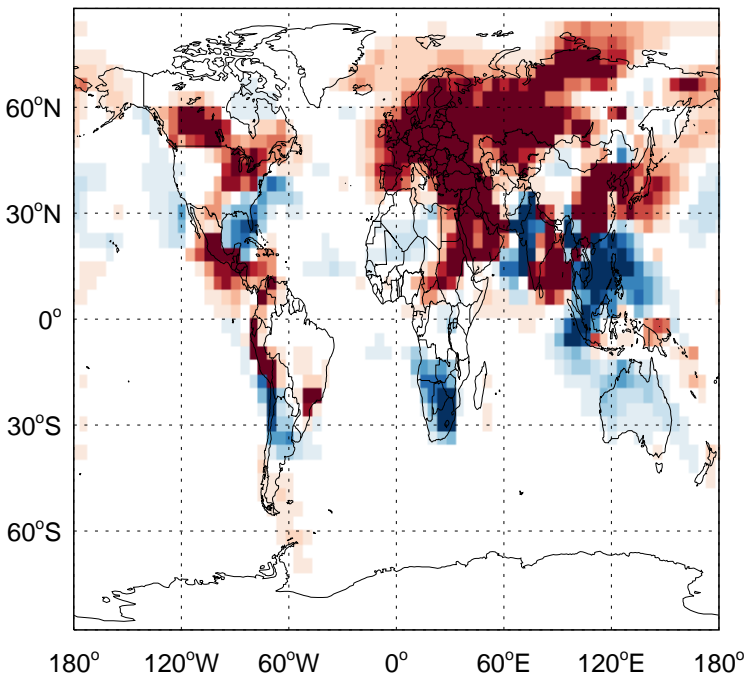
v11-02f-Run0 - v11-02e-Run1  
SO<sub>4</sub> - Diff @ Surface for Oct



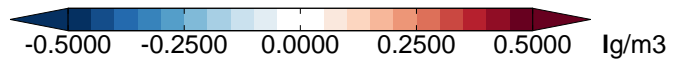
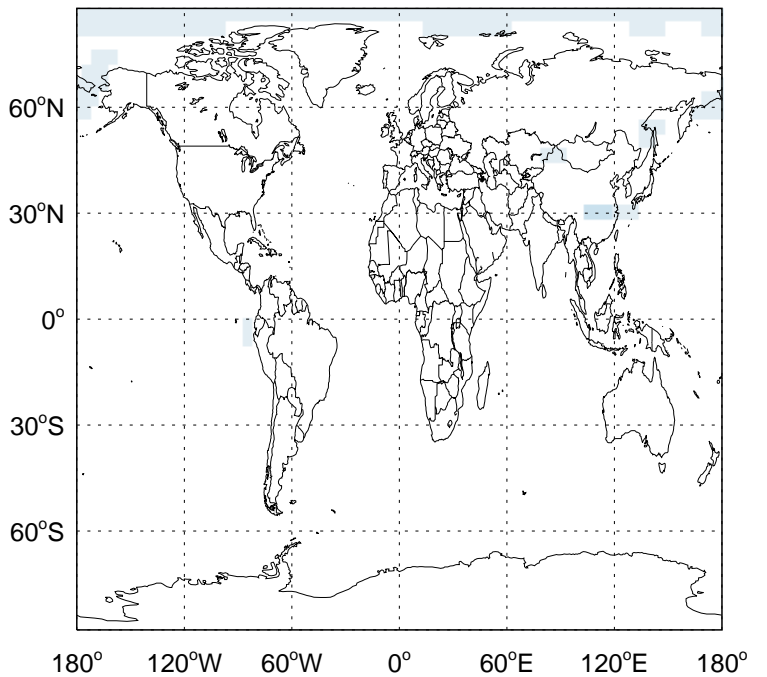
v11-02f-Run0 - v11-02e-Run1  
SO<sub>4</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SO<sub>4</sub> - Diff @ Surface for Oct



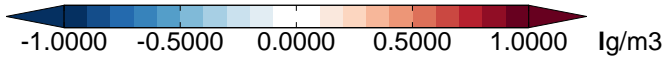
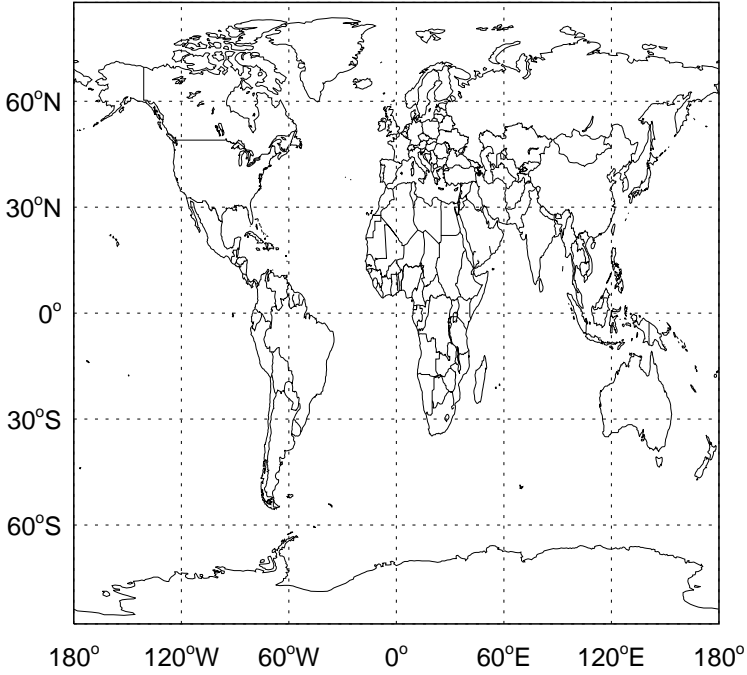
v11-02f-Run0 - v11-02e-Run0  
SO<sub>4</sub> - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

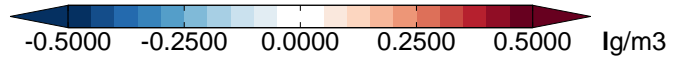
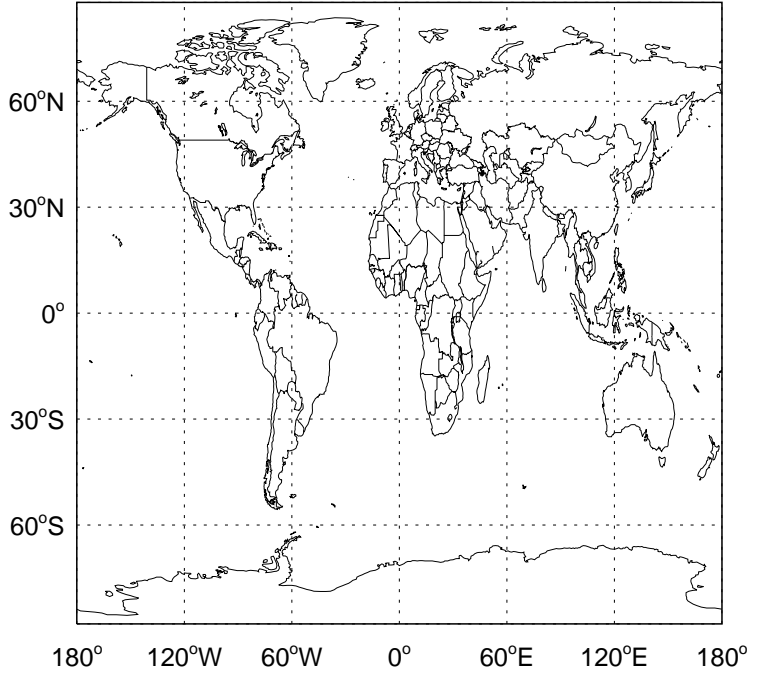
v11-02f-Run0 - v11-02e-Run1

SO4s - Diff @ Surface for Oct



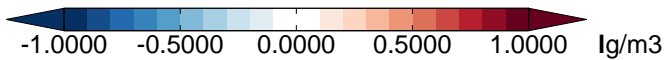
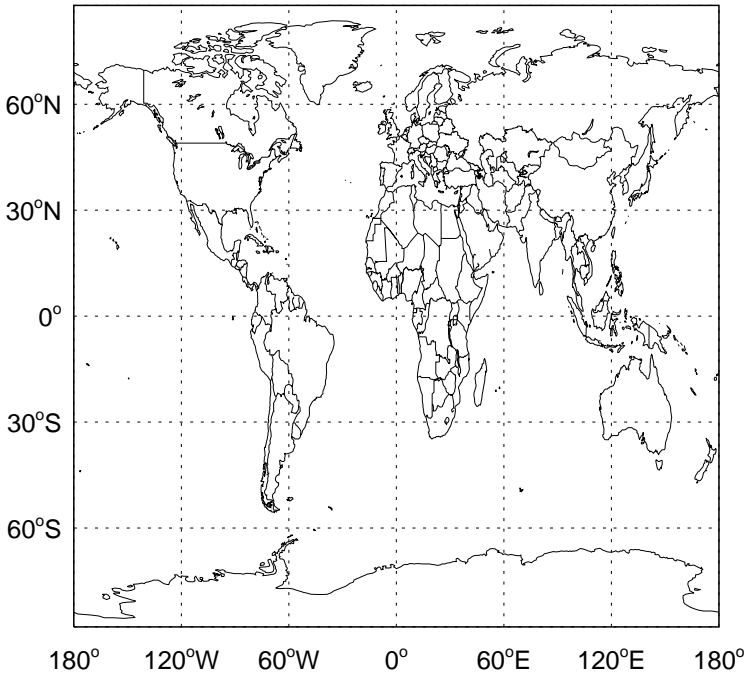
v11-02f-Run0 - v11-02e-Run1

SO4s- Diff @ 500 hPa for Oct



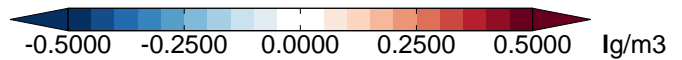
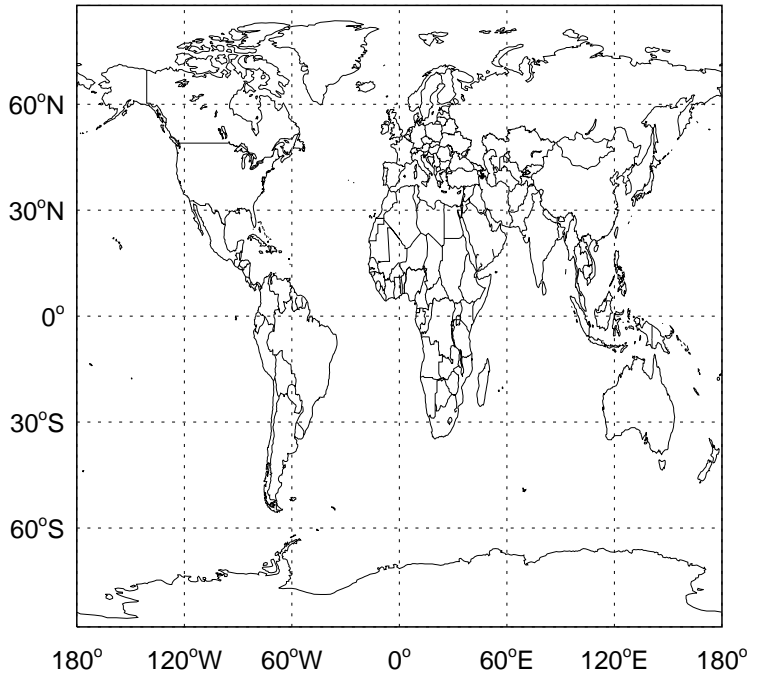
v11-02f-Run0 - v11-02e-Run0

SO4s - Diff @ Surface for Oct



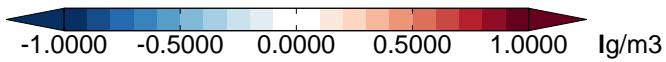
v11-02f-Run0 - v11-02e-Run0

SO4s- Diff @ 500 hPa for Oct

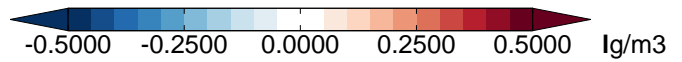


# GEOS-Chem Difference Maps at surface and 500 hPa

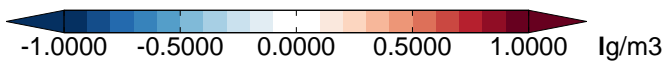
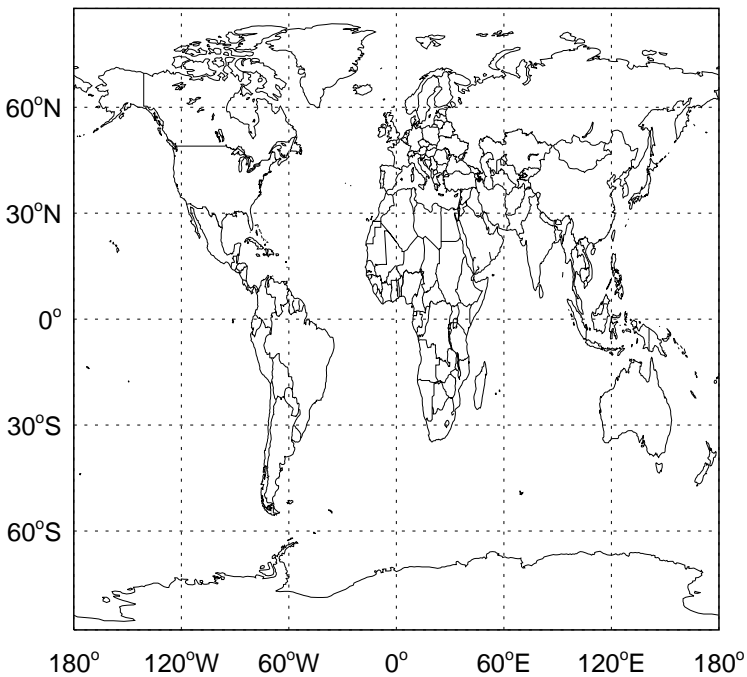
v11-02f-Run0 - v11-02e-Run1  
MSA - Diff @ Surface for Oct



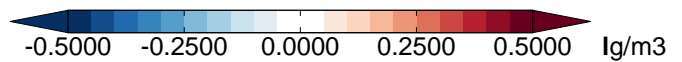
v11-02f-Run0 - v11-02e-Run1  
MSA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MSA - Diff @ Surface for Oct

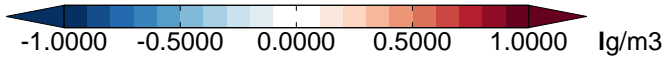
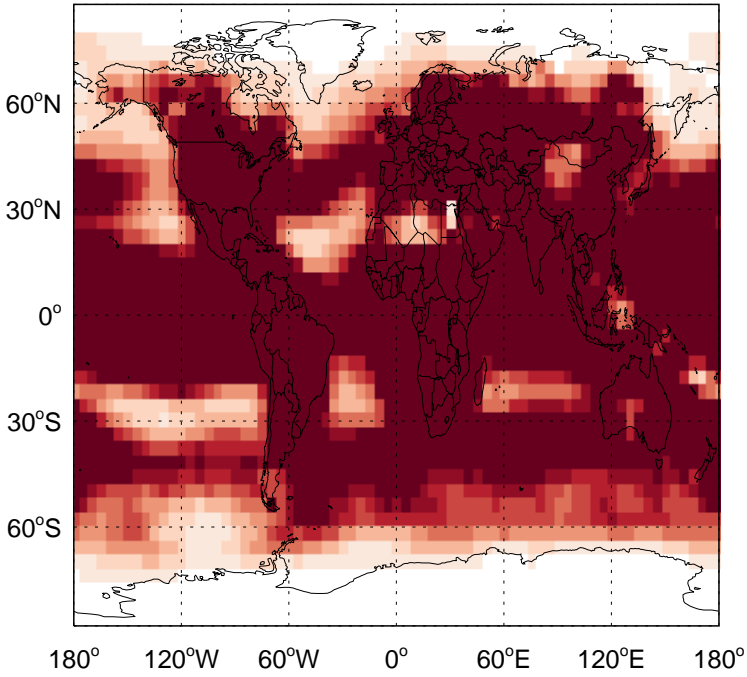


v11-02f-Run0 - v11-02e-Run0  
MSA- Diff @ 500 hPa for Oct

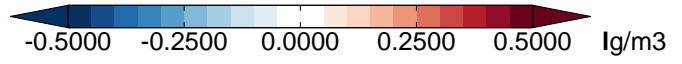
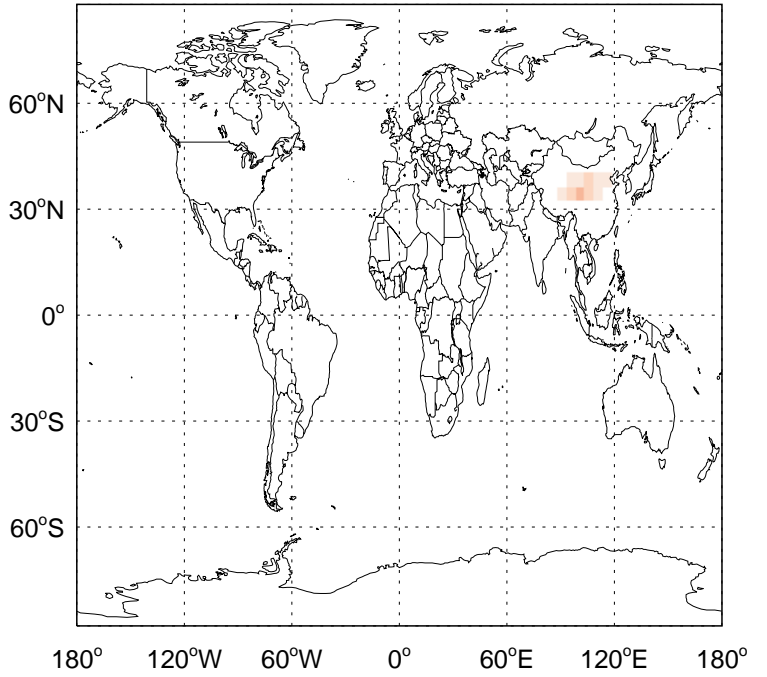


# GEOS-Chem Difference Maps at surface and 500 hPa

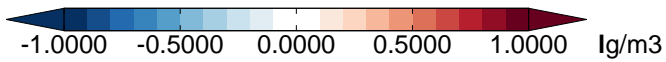
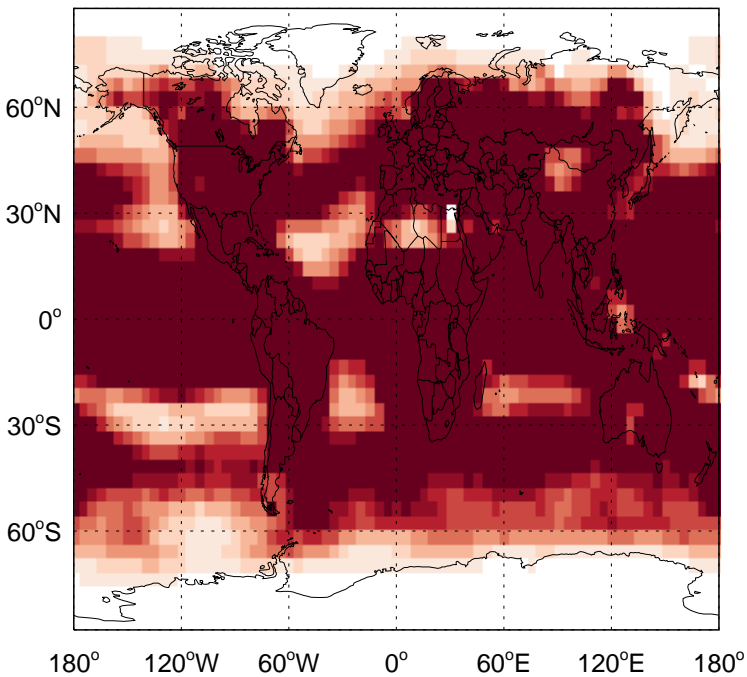
v11-02f-Run0 - v11-02e-Run1  
NH<sub>3</sub> - Diff @ Surface for Oct



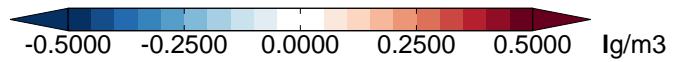
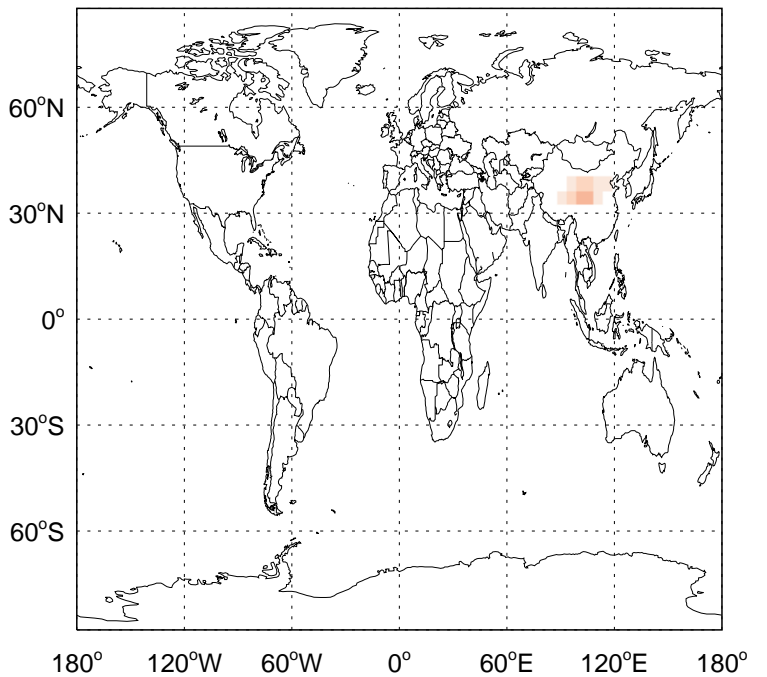
v11-02f-Run0 - v11-02e-Run1  
NH<sub>3</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
NH<sub>3</sub> - Diff @ Surface for Oct

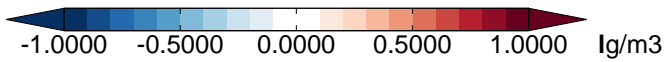
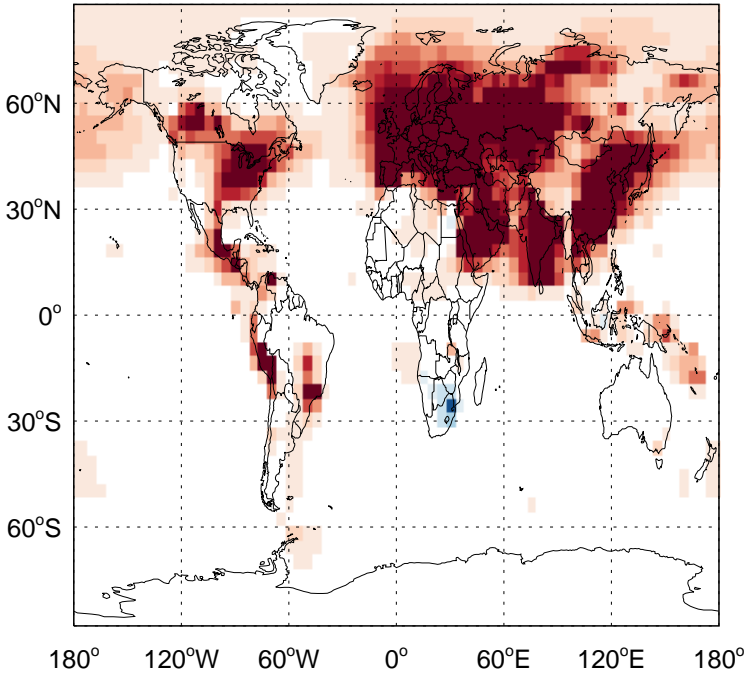


v11-02f-Run0 - v11-02e-Run0  
NH<sub>3</sub> - Diff @ 500 hPa for Oct

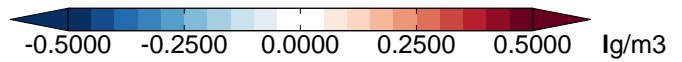
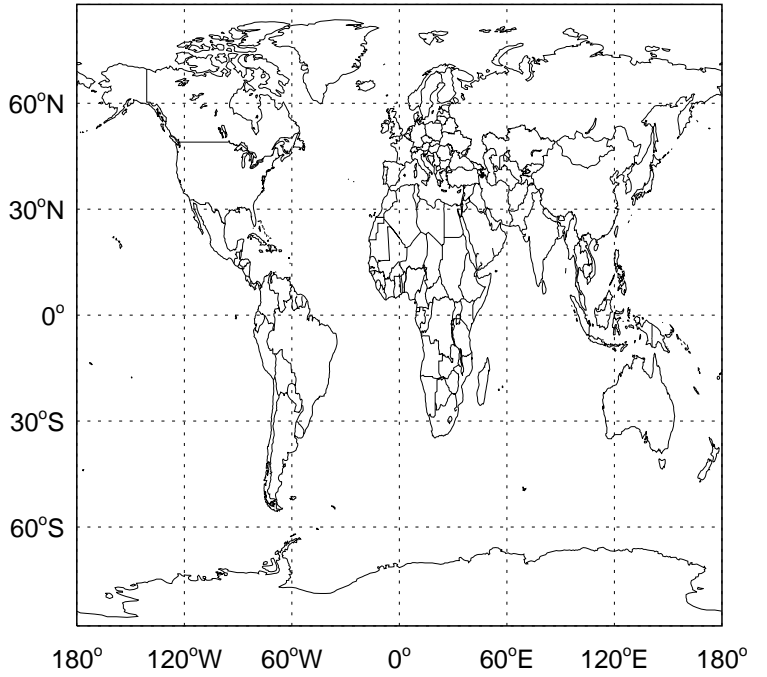


# GEOS-Chem Difference Maps at surface and 500 hPa

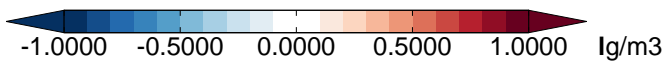
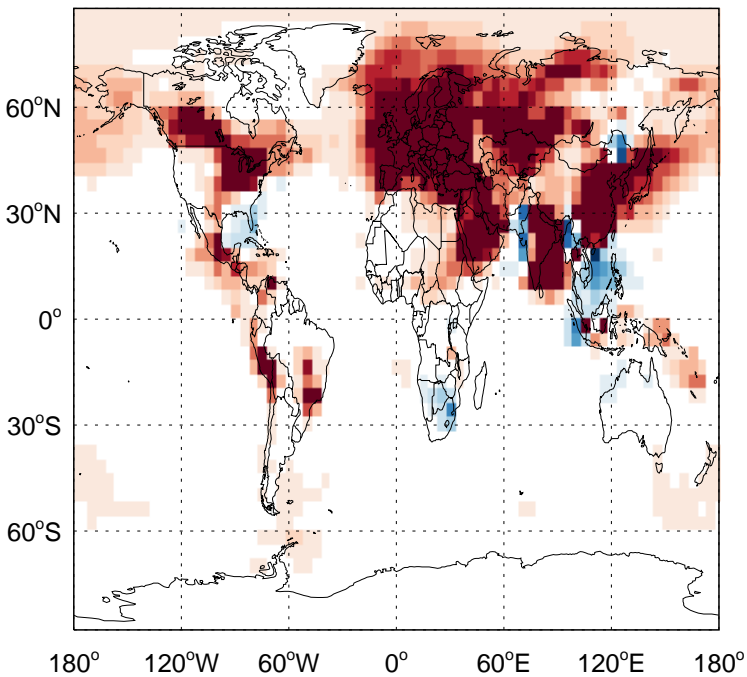
v11-02f-Run0 - v11-02e-Run1  
NH4 - Diff @ Surface for Oct



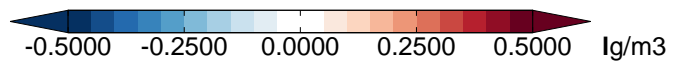
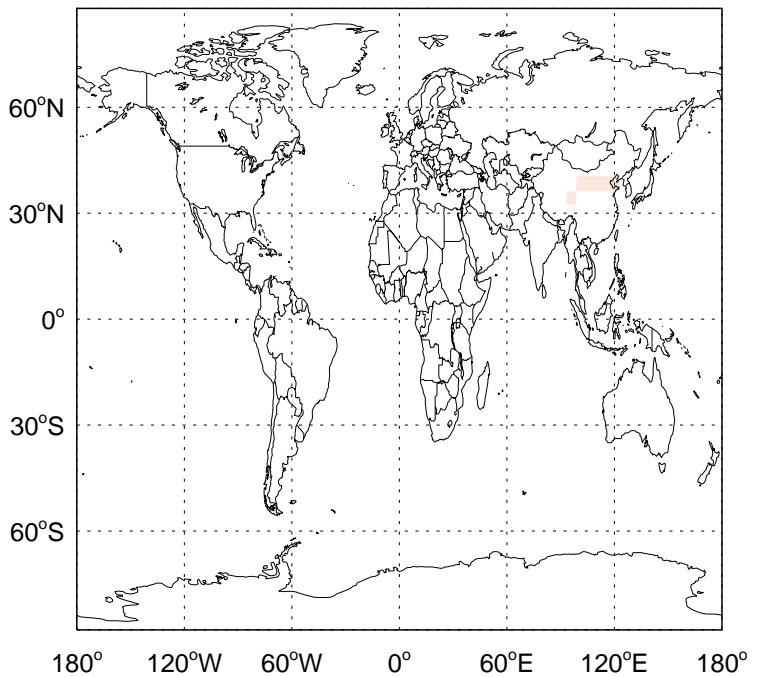
v11-02f-Run0 - v11-02e-Run1  
NH4- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
NH4 - Diff @ Surface for Oct



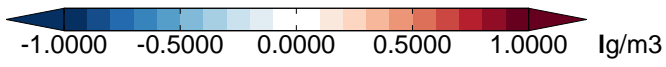
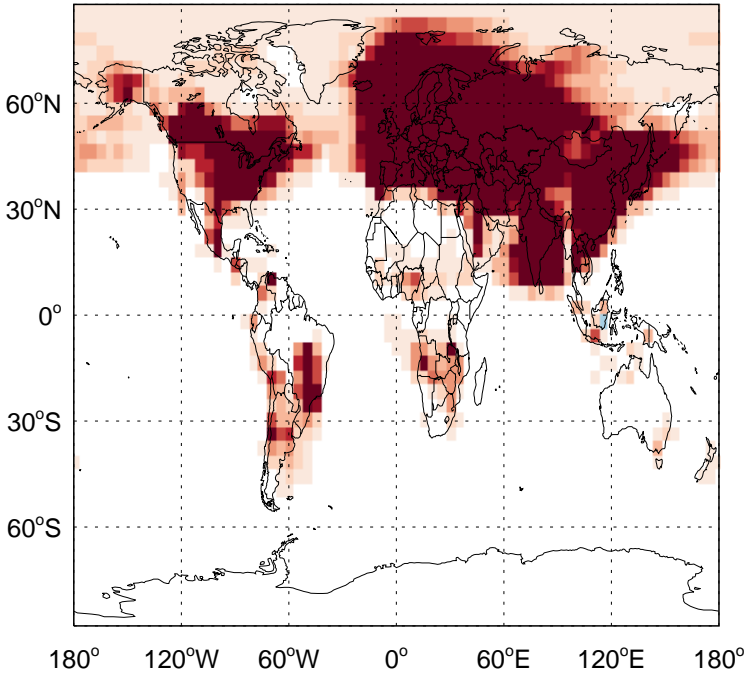
v11-02f-Run0 - v11-02e-Run0  
NH4- Diff @ 500 hPa for Oct



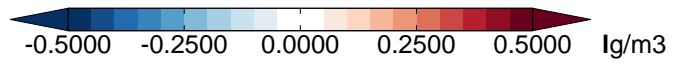
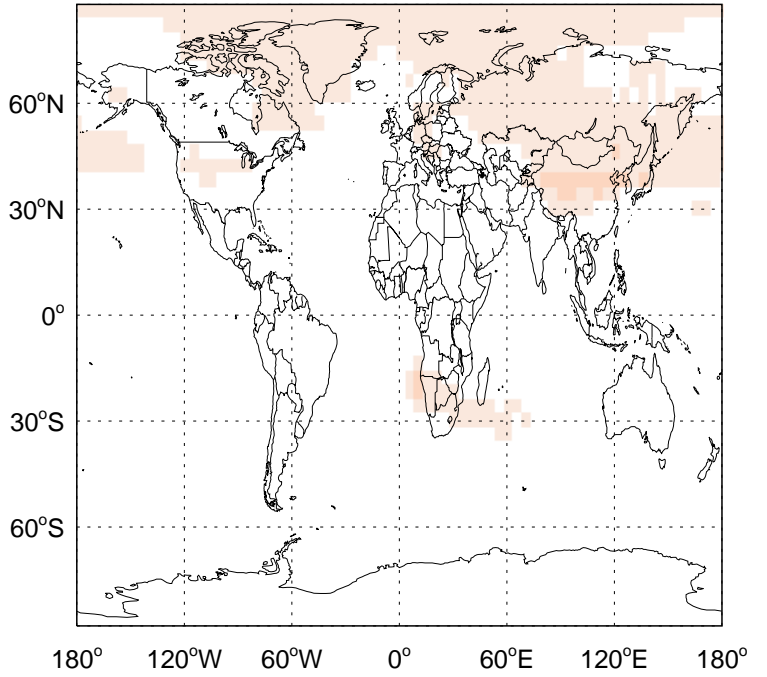


# GEOS-Chem Difference Maps at surface and 500 hPa

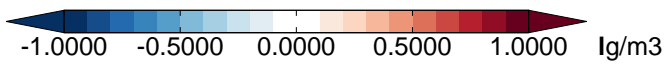
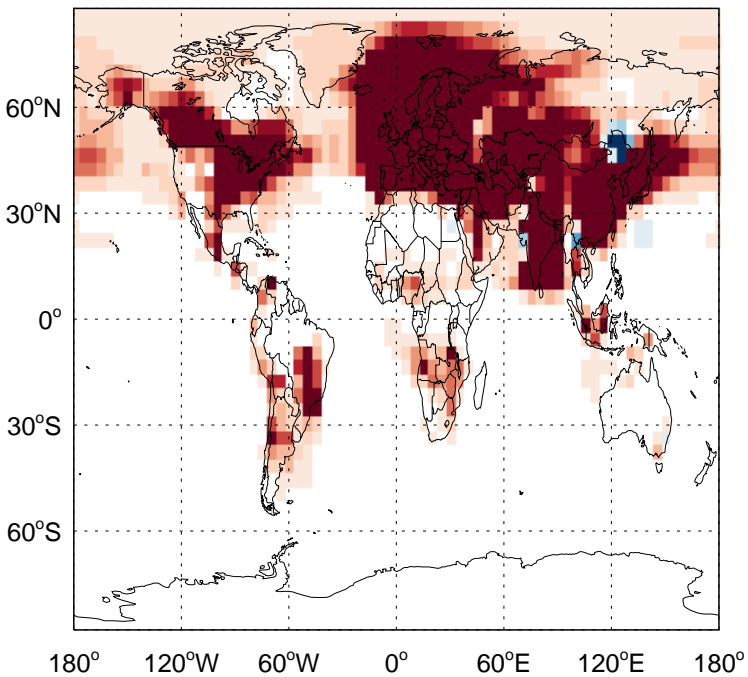
v11-02f-Run0 - v11-02e-Run1  
NIT - Diff @ Surface for Oct



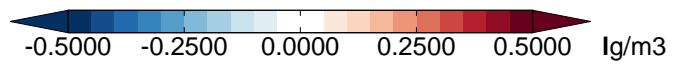
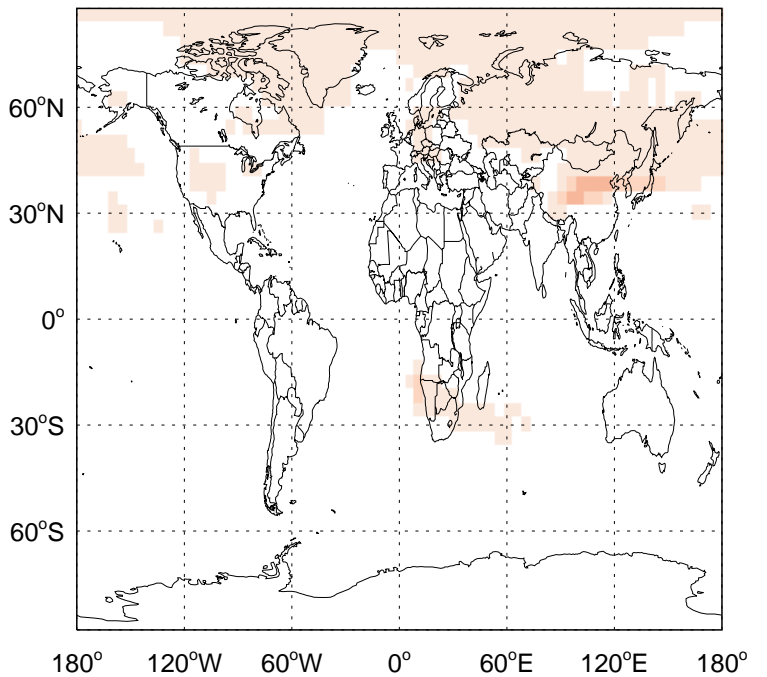
v11-02f-Run0 - v11-02e-Run1  
NIT- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
NIT - Diff @ Surface for Oct



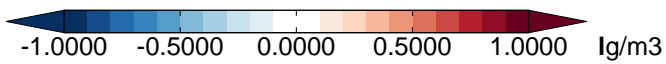
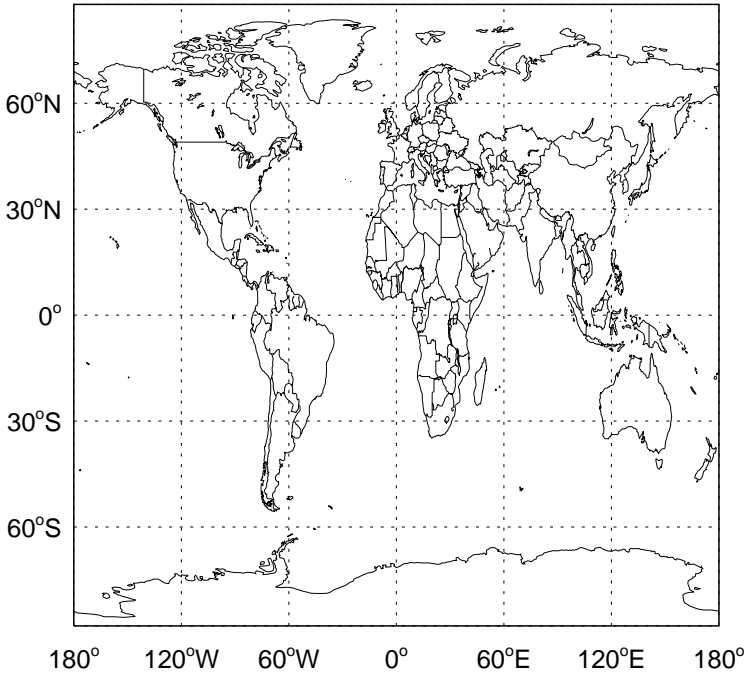
v11-02f-Run0 - v11-02e-Run0  
NIT- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

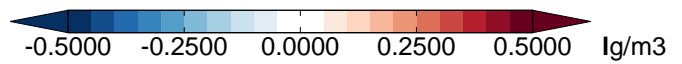
v11-02f-Run0 - v11-02e-Run1

NITs - Diff @ Surface for Oct



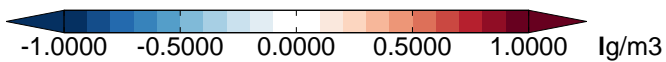
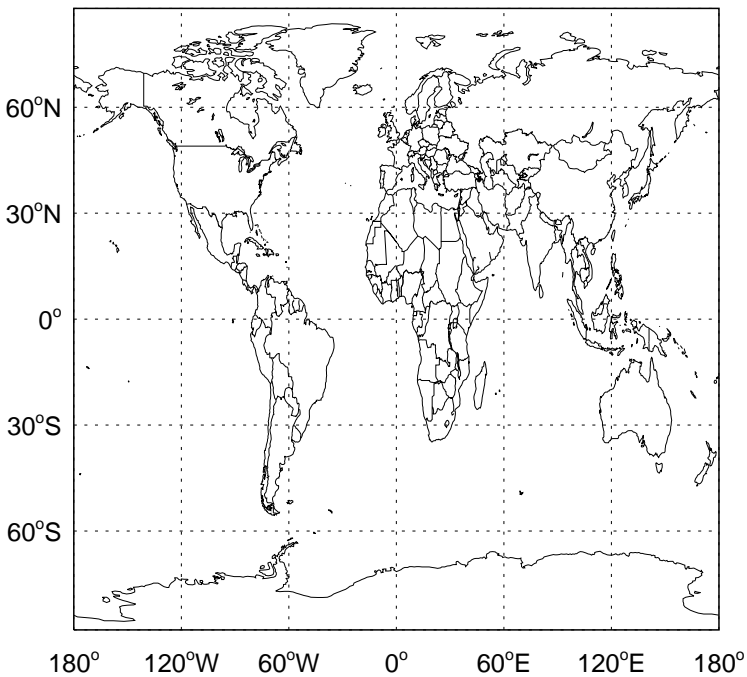
v11-02f-Run0 - v11-02e-Run1

NITs- Diff @ 500 hPa for Oct



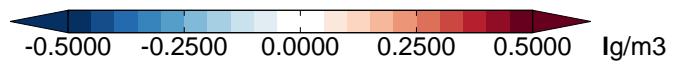
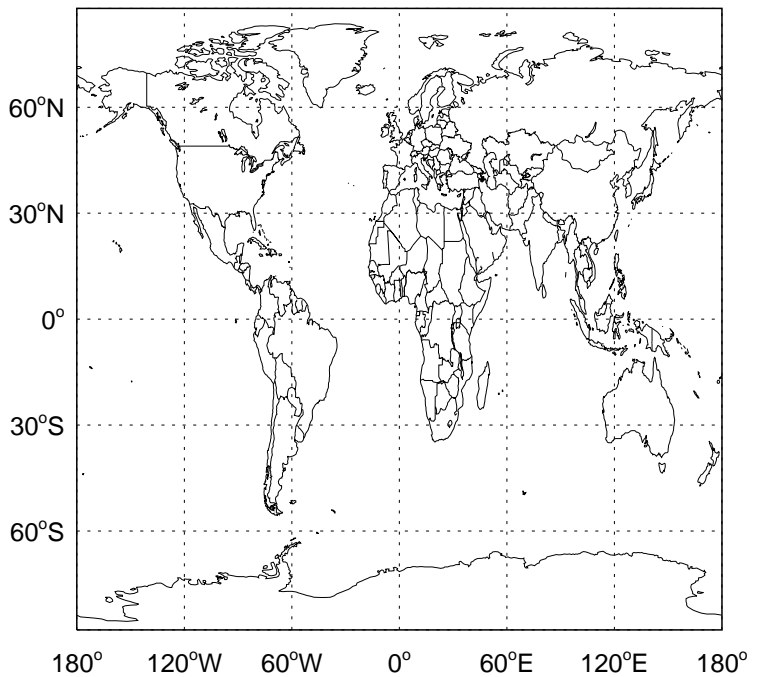
v11-02f-Run0 - v11-02e-Run0

NITs - Diff @ Surface for Oct



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

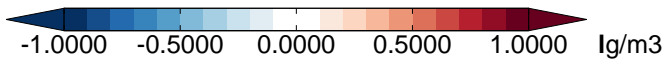
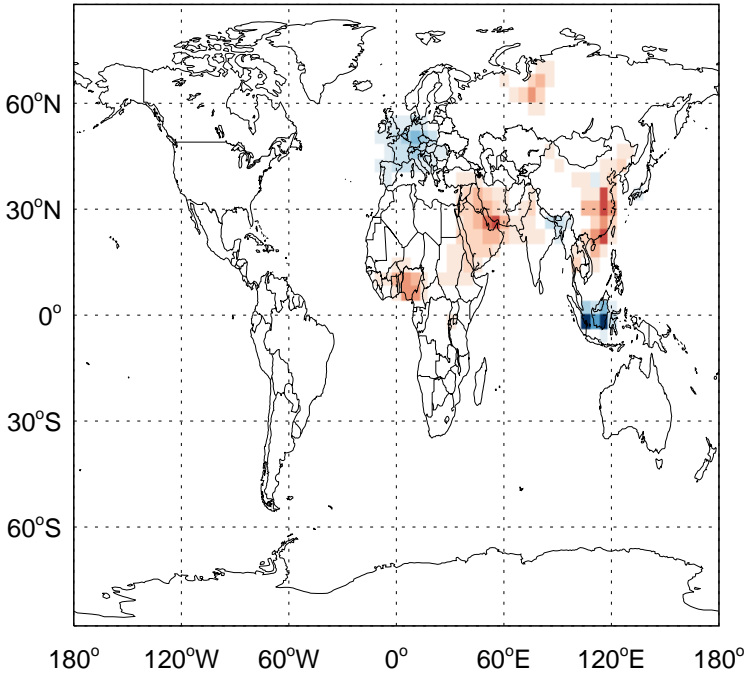
NITs- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

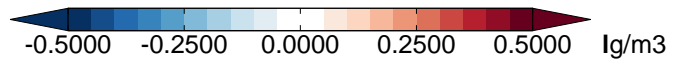
v11-02f-Run0 - v11-02e-Run1

BCPI - Diff @ Surface for Oct



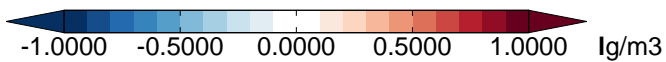
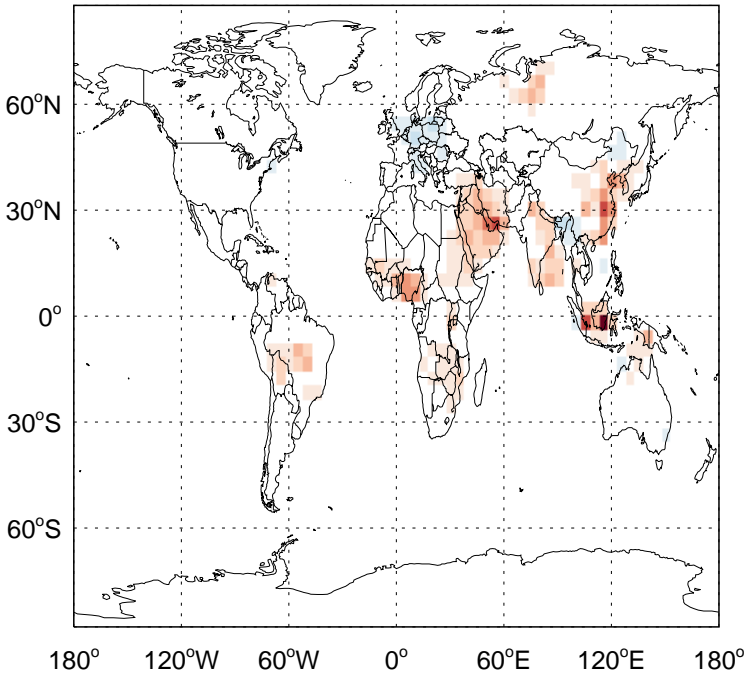
v11-02f-Run0 - v11-02e-Run1

BCPI - Diff @ 500 hPa for Oct



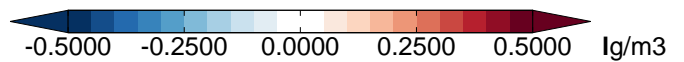
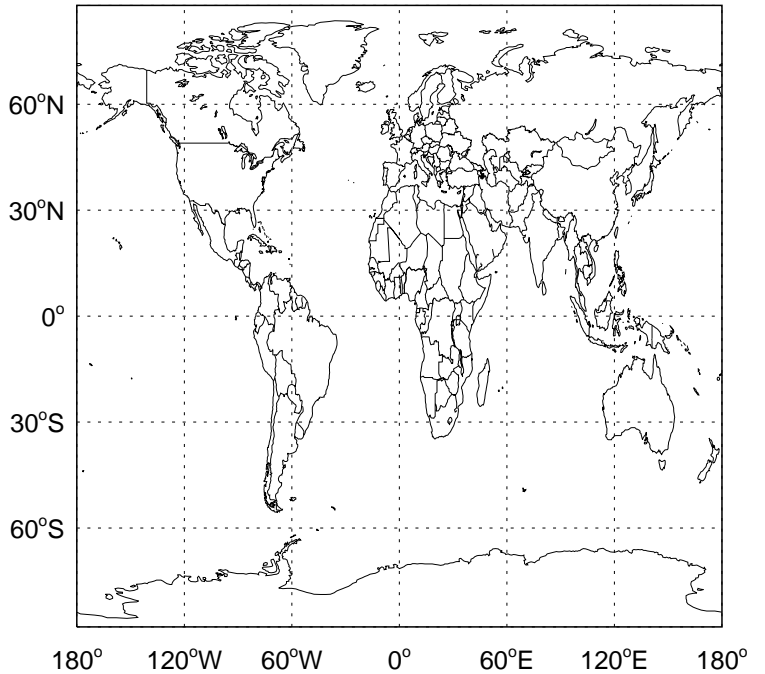
v11-02f-Run0 - v11-02e-Run0

BCPI - Diff @ Surface for Oct



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

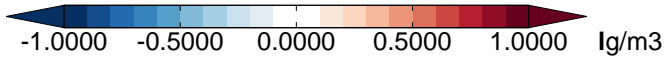
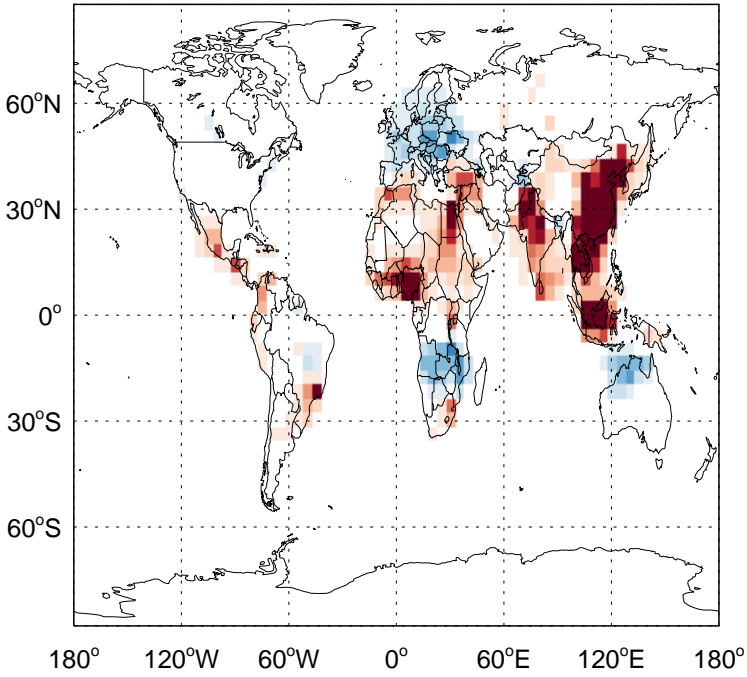
BCPI - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

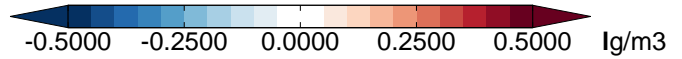
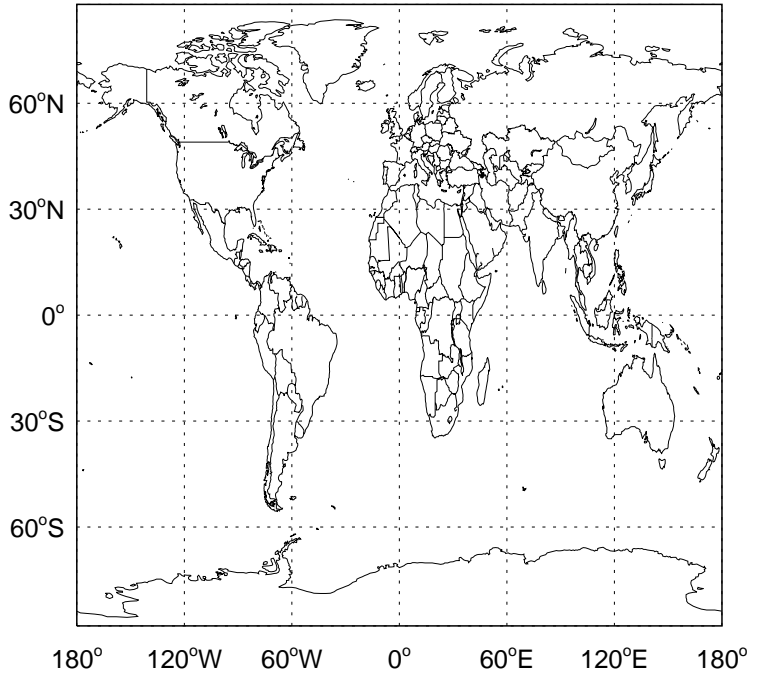
v11-02f-Run0 - v11-02e-Run1

OCPI - Diff @ Surface for Oct



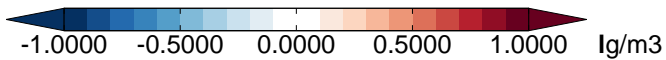
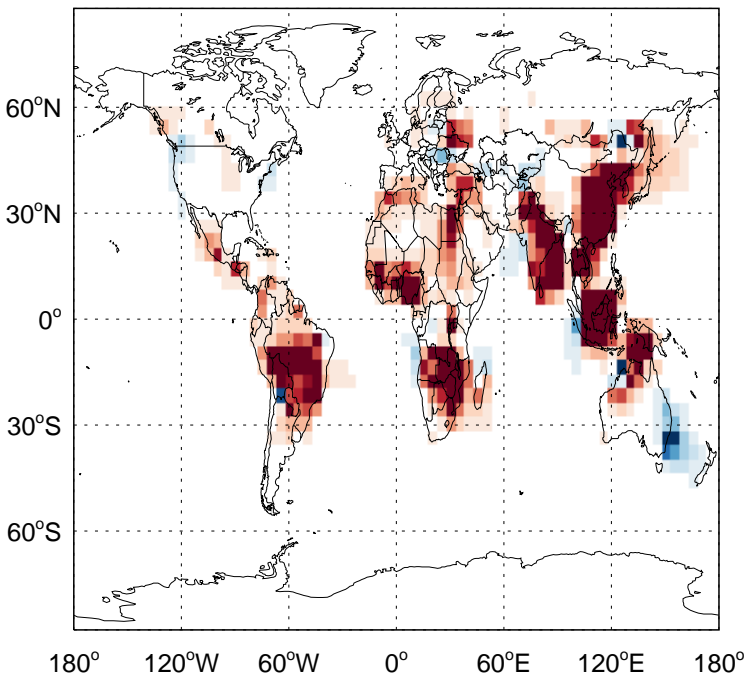
v11-02f-Run0 - v11-02e-Run1

OCPI- Diff @ 500 hPa for Oct



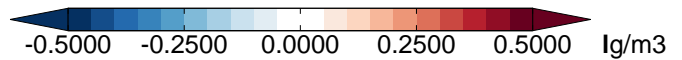
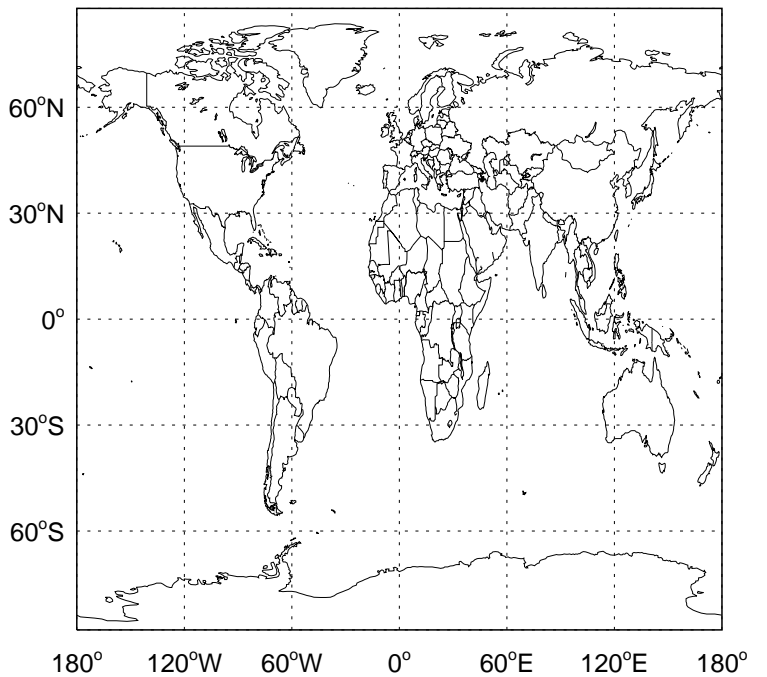
v11-02f-Run0 - v11-02e-Run0

OCPI - Diff @ Surface for Oct



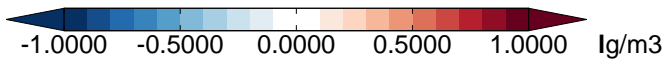
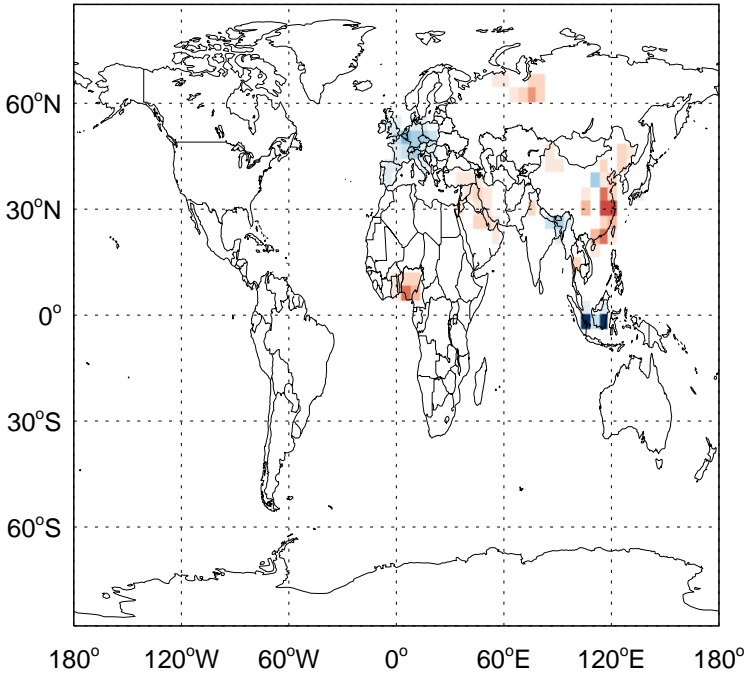
v11-02f-Run0 - v11-02e-Run0

OCPI- Diff @ 500 hPa for Oct

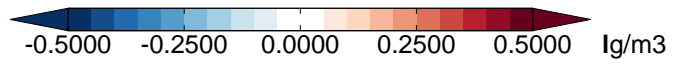
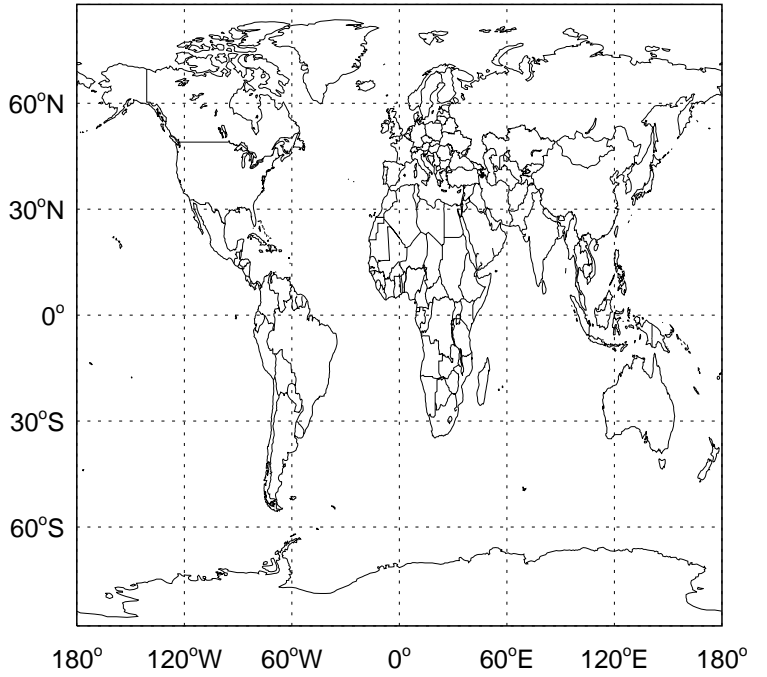


# GEOS-Chem Difference Maps at surface and 500 hPa

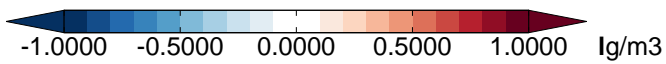
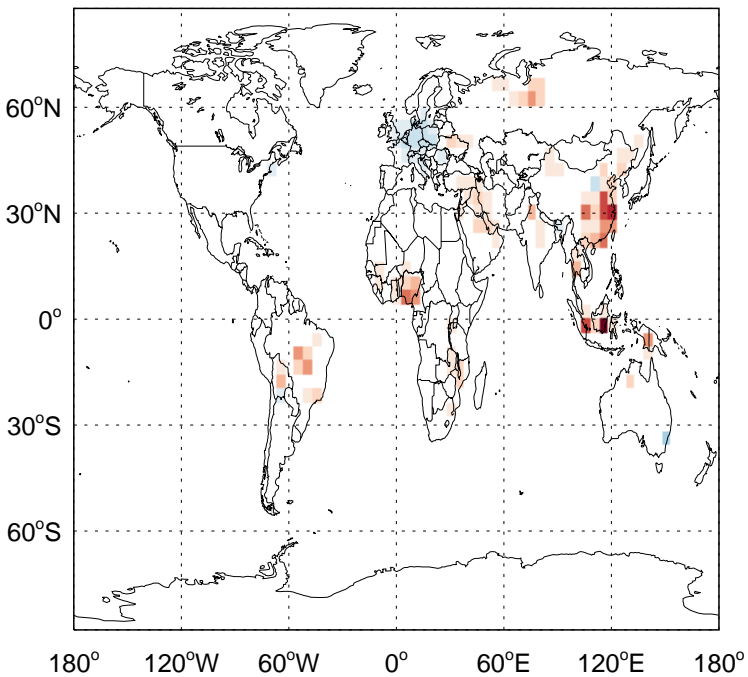
v11-02f-Run0 - v11-02e-Run1  
BCPO - Diff @ Surface for Oct



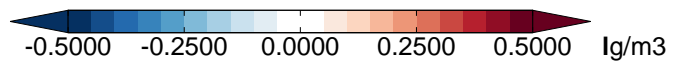
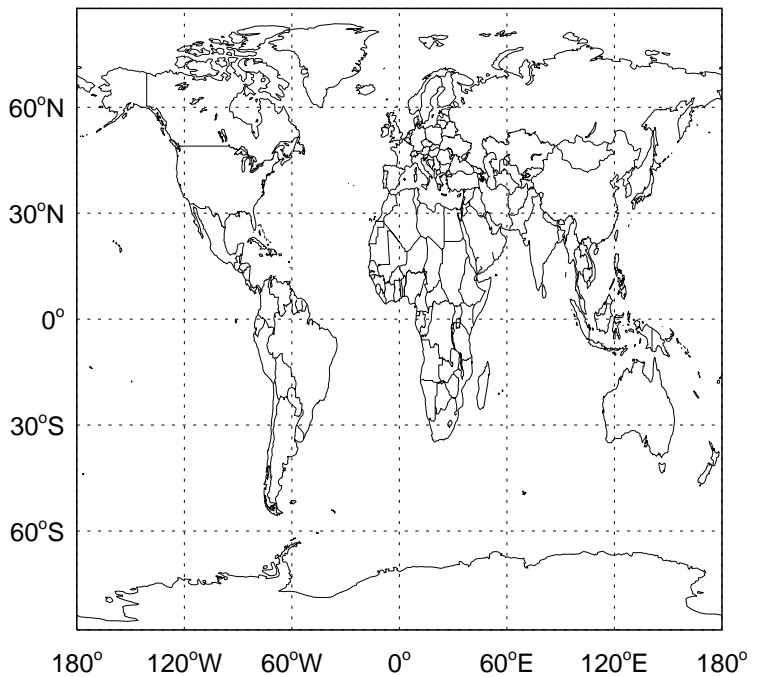
v11-02f-Run0 - v11-02e-Run1  
BCPO- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
BCPO - Diff @ Surface for Oct



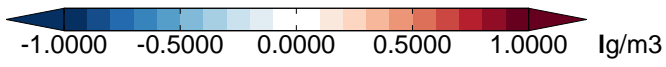
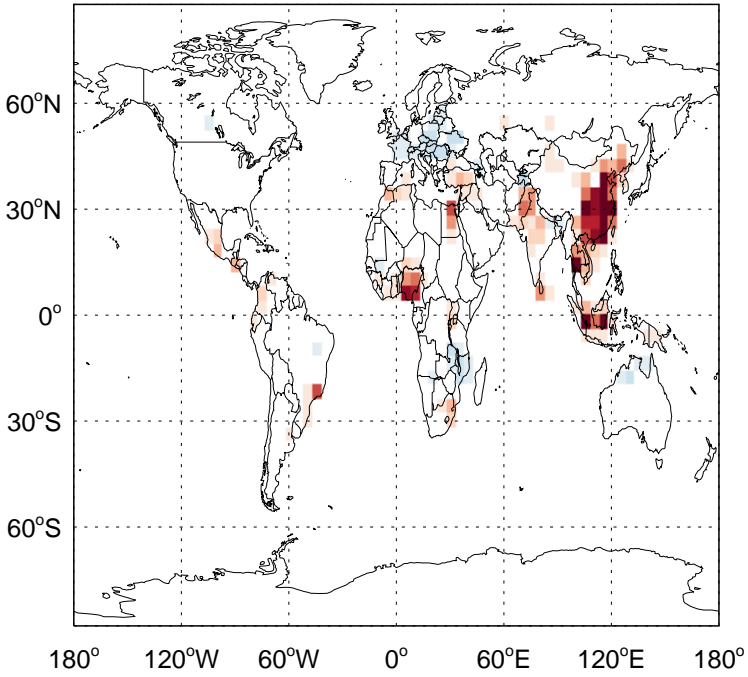
v11-02f-Run0 - v11-02e-Run0  
BCPO- Diff @ 500 hPa for Oct



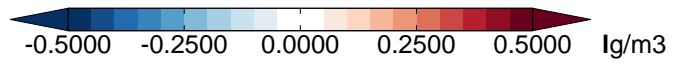
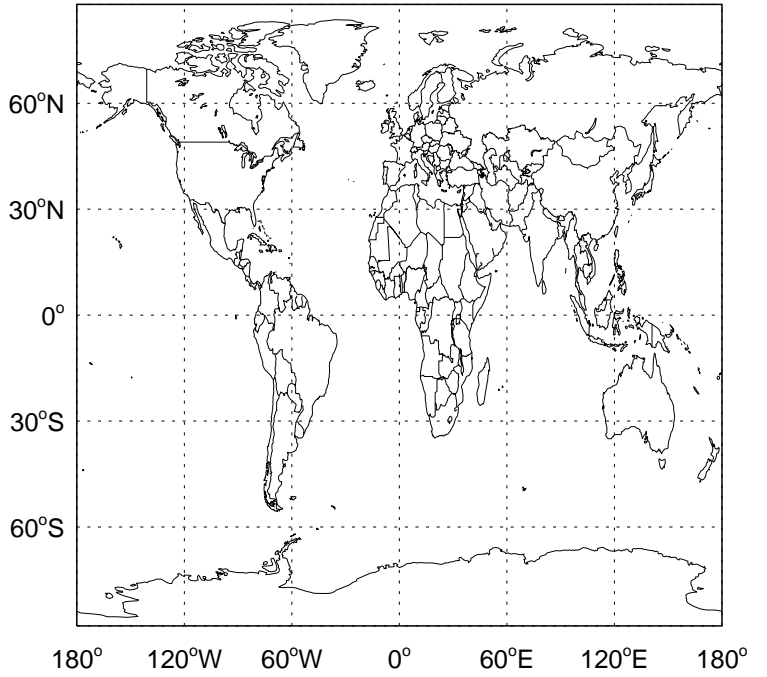


# GEOS-Chem Difference Maps at surface and 500 hPa

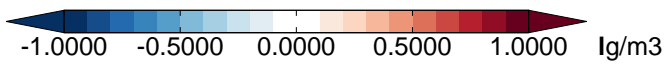
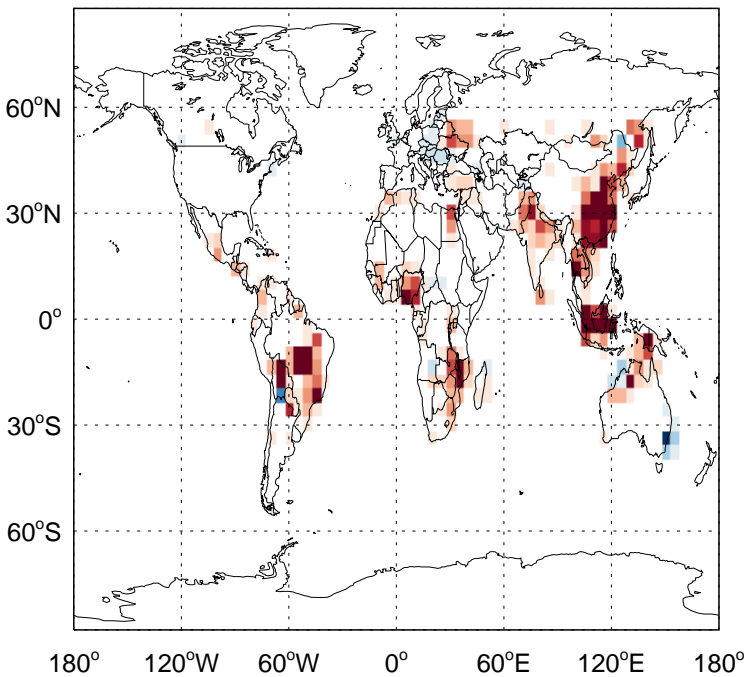
v11-02f-Run0 - v11-02e-Run1  
OCPO - Diff @ Surface for Oct



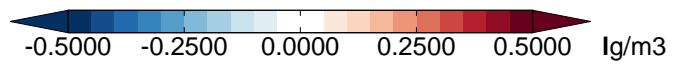
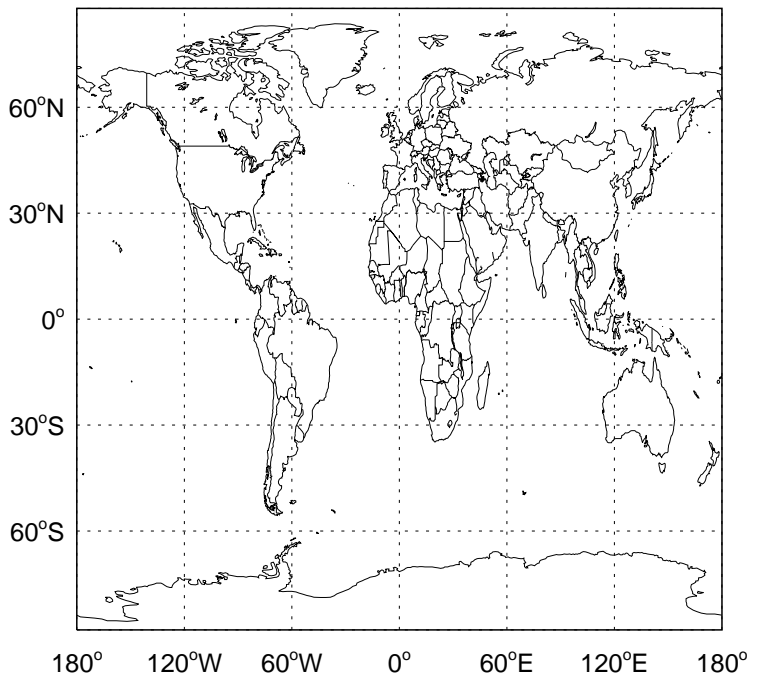
v11-02f-Run0 - v11-02e-Run1  
OCPO- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
OCPO - Diff @ Surface for Oct



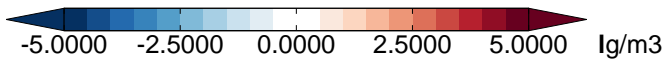
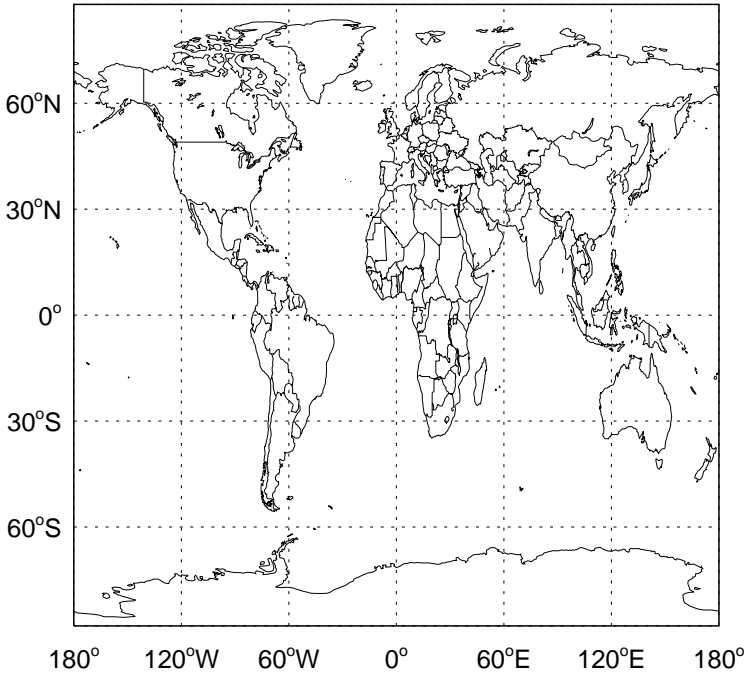
v11-02f-Run0 - v11-02e-Run0  
OCPO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

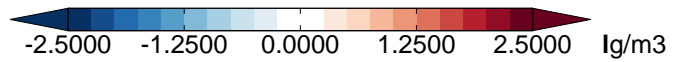
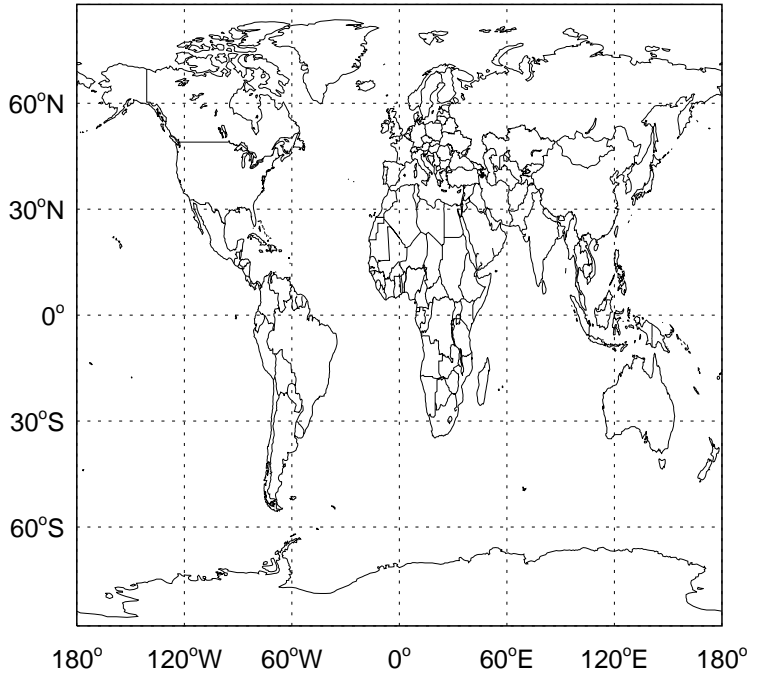
v11-02f-Run0 - v11-02e-Run1

DST1 - Diff @ Surface for Oct



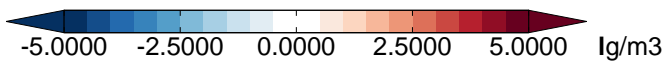
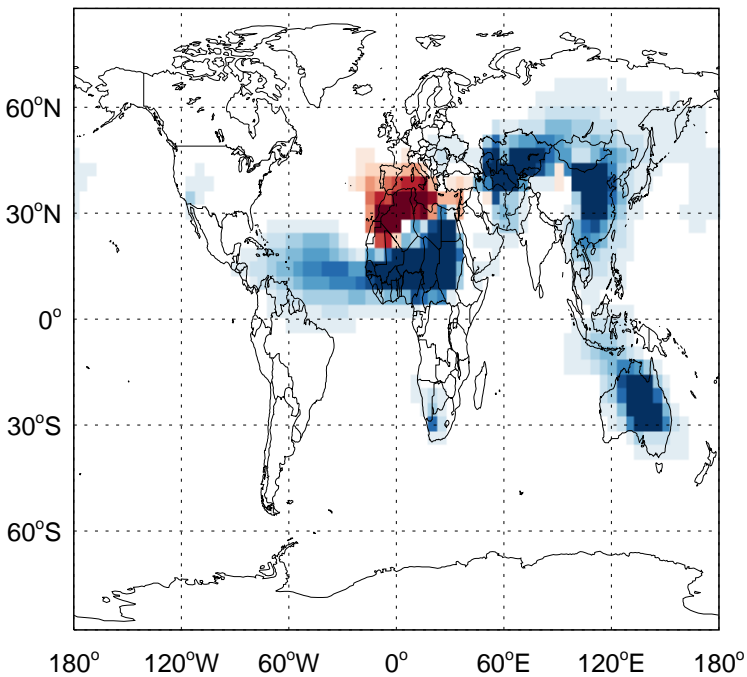
v11-02f-Run0 - v11-02e-Run1

DST1- Diff @ 500 hPa for Oct



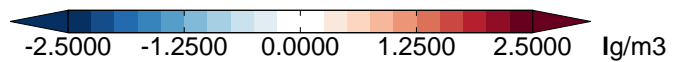
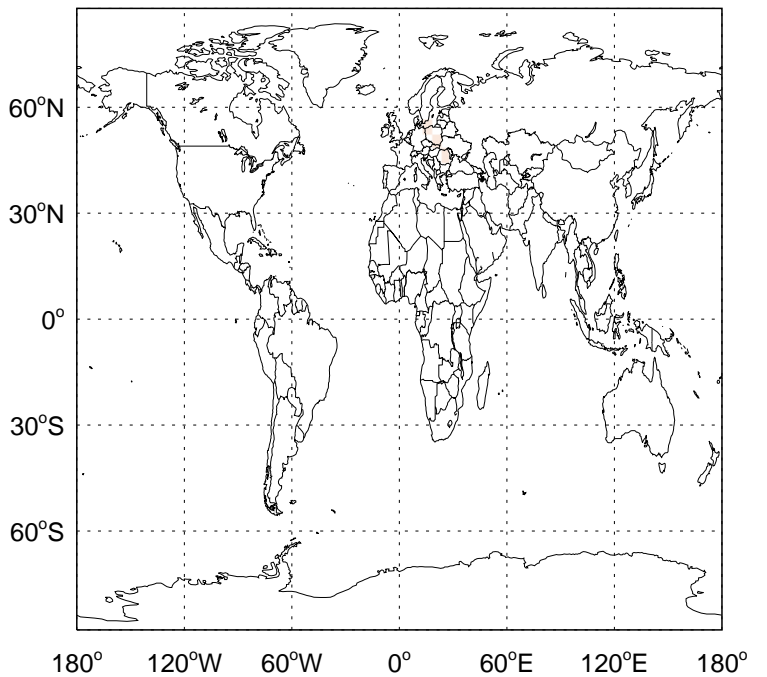
v11-02f-Run0 - v11-02e-Run0

DST1 - Diff @ Surface for Oct



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

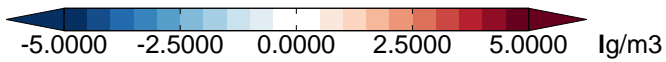
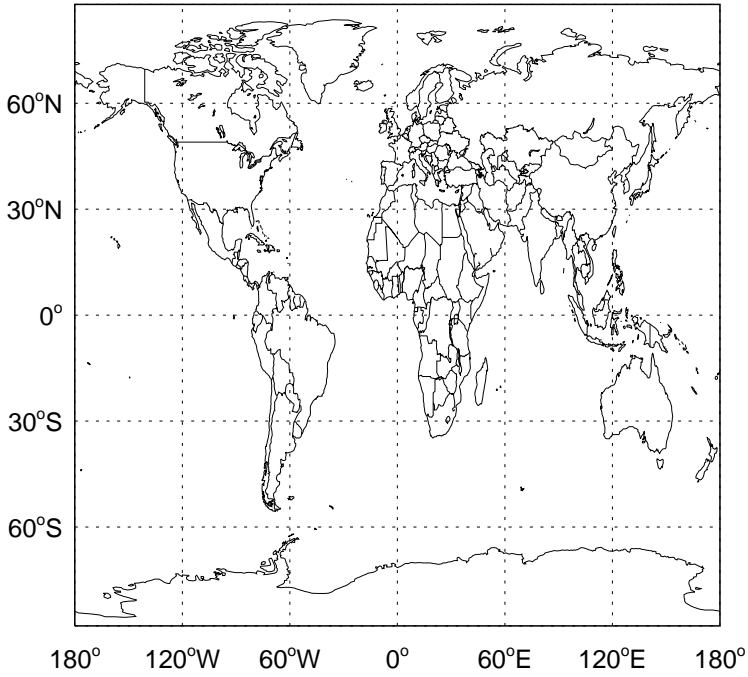
DST1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

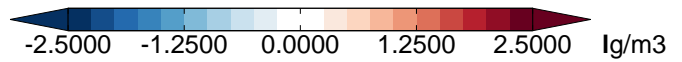
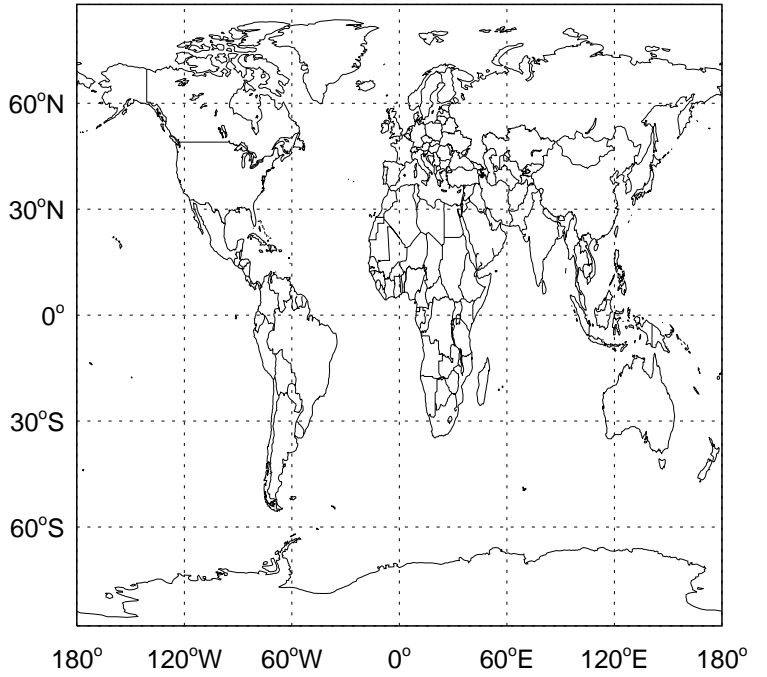
v11-02f-Run0 - v11-02e-Run1

DST2 - Diff @ Surface for Oct



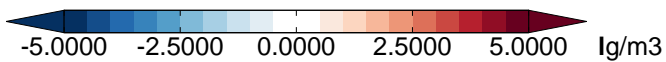
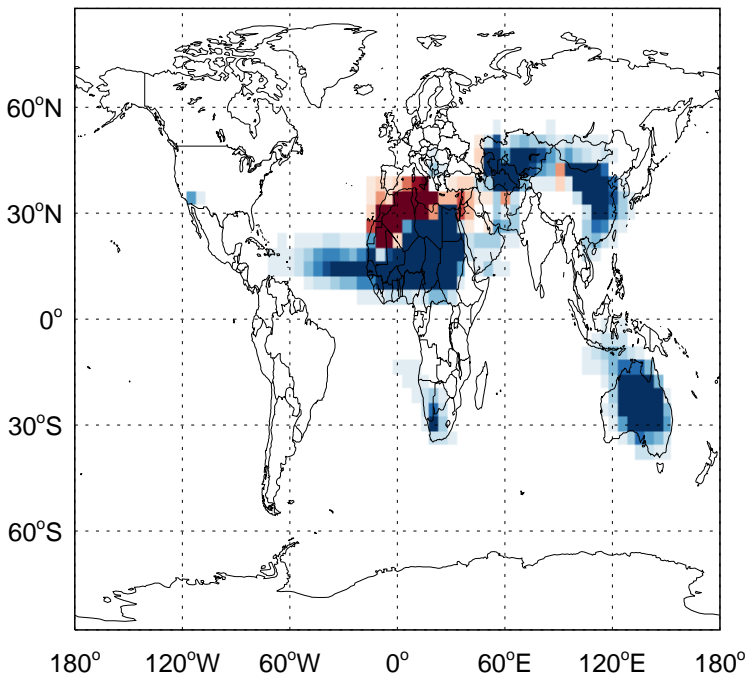
v11-02f-Run0 - v11-02e-Run1

DST2- Diff @ 500 hPa for Oct



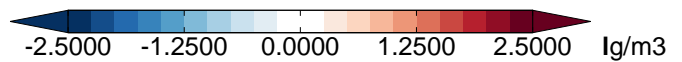
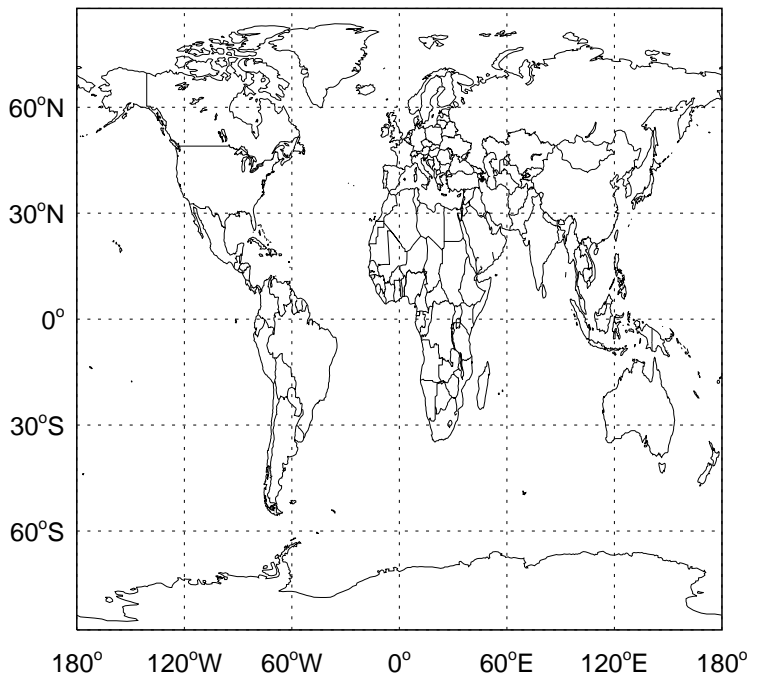
v11-02f-Run0 - v11-02e-Run0

DST2 - Diff @ Surface for Oct



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

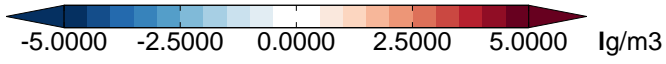
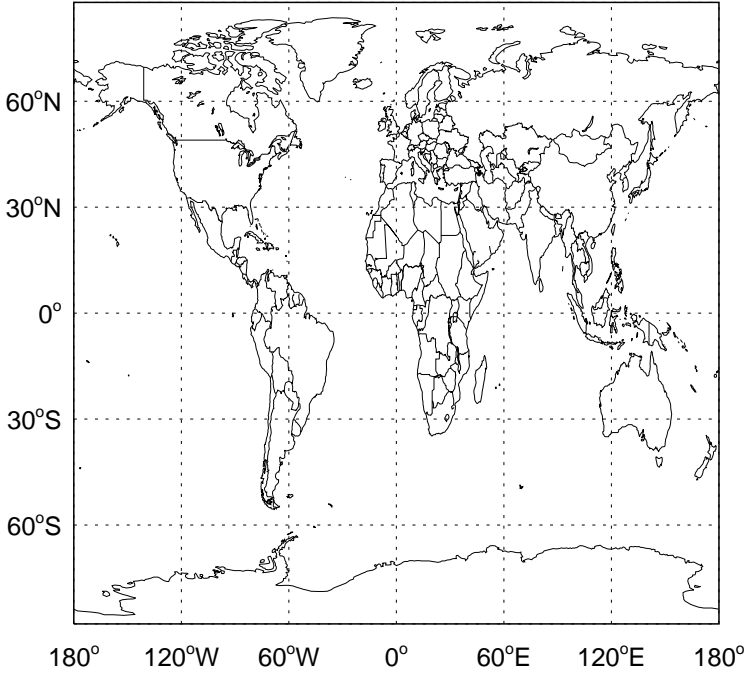
DST2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

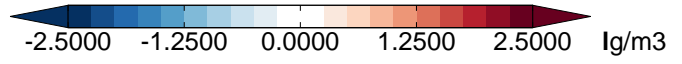
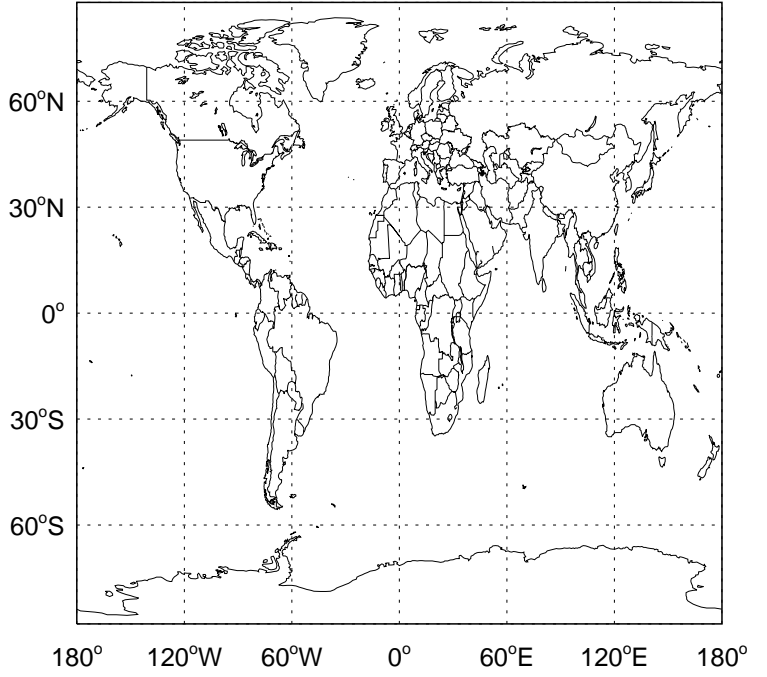
v11-02f-Run0 - v11-02e-Run1

DST3 - Diff @ Surface for Oct



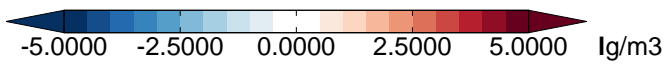
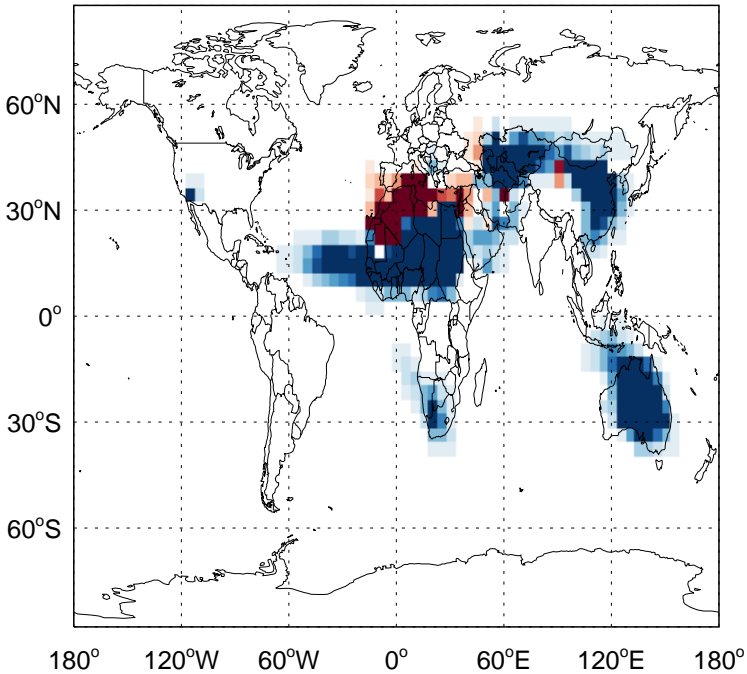
v11-02f-Run0 - v11-02e-Run1

DST3- Diff @ 500 hPa for Oct



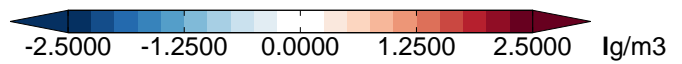
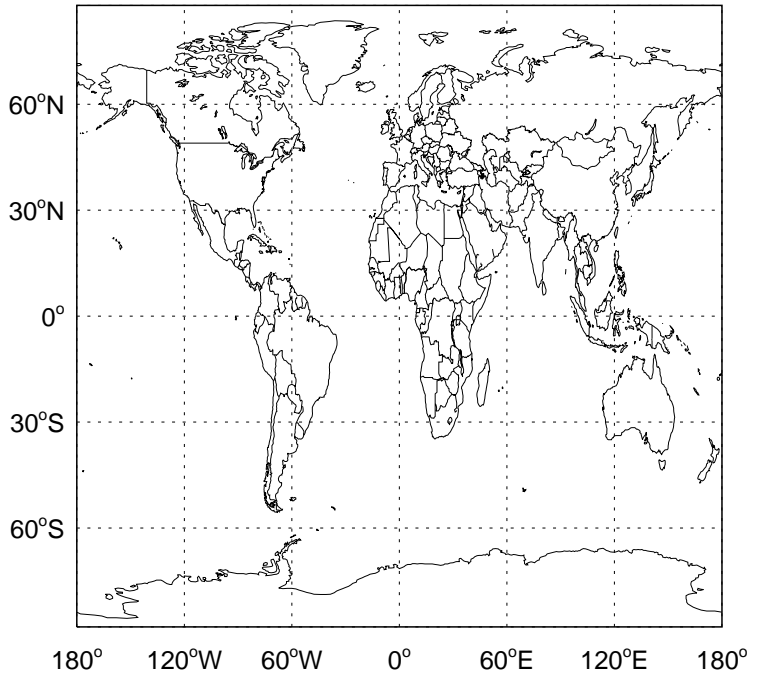
v11-02f-Run0 - v11-02e-Run0

DST3 - Diff @ Surface for Oct



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

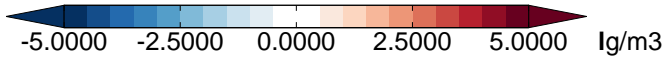
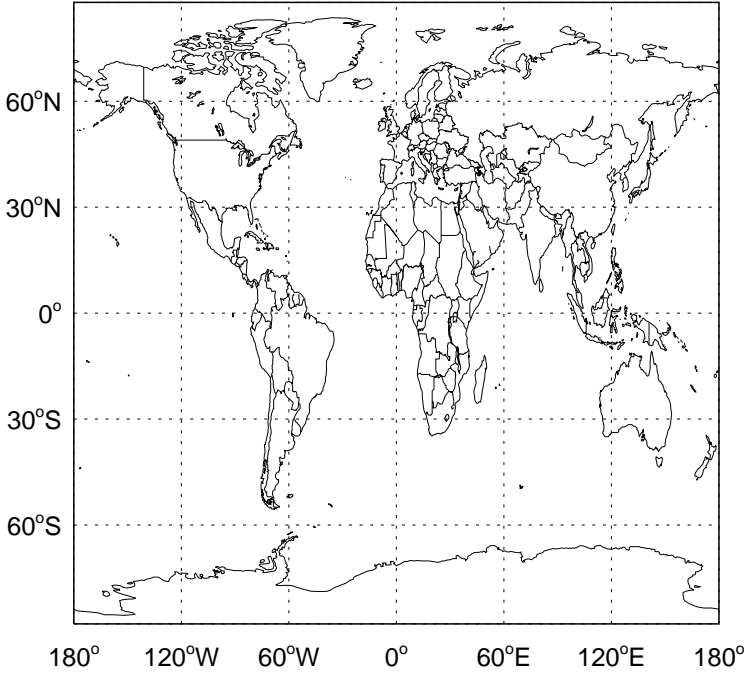
DST3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

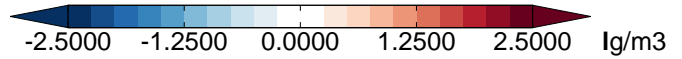
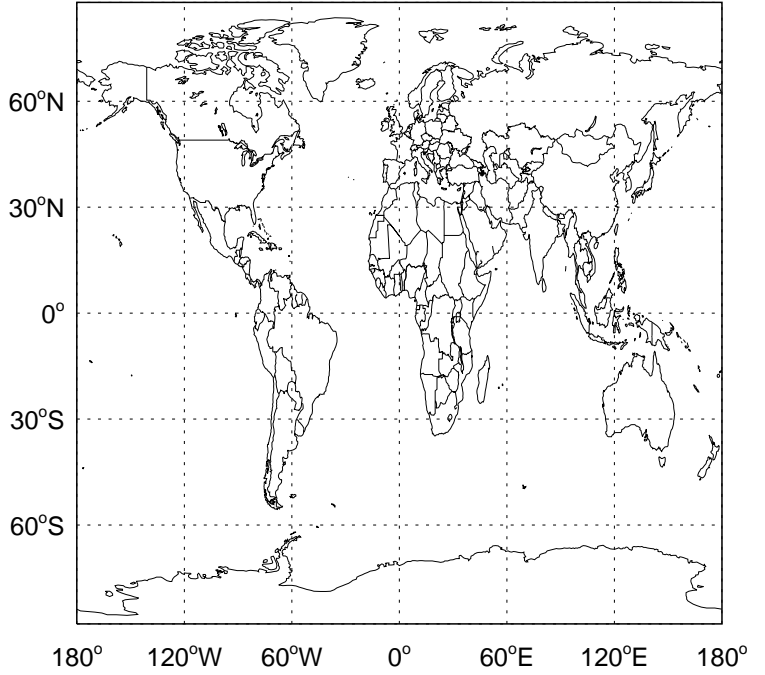
v11-02f-Run0 - v11-02e-Run1

DST4 - Diff @ Surface for Oct



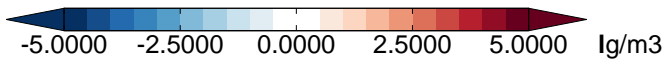
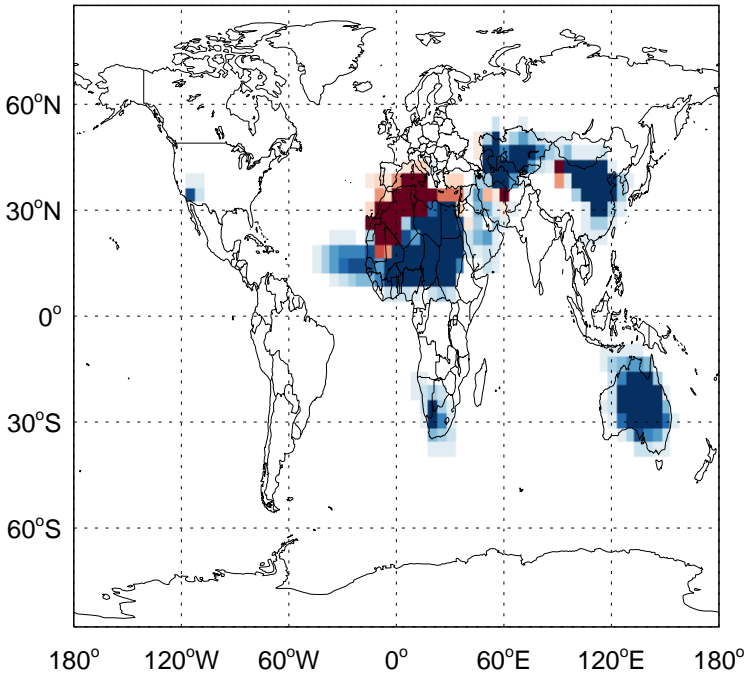
v11-02f-Run0 - v11-02e-Run1

DST4- Diff @ 500 hPa for Oct



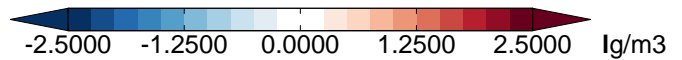
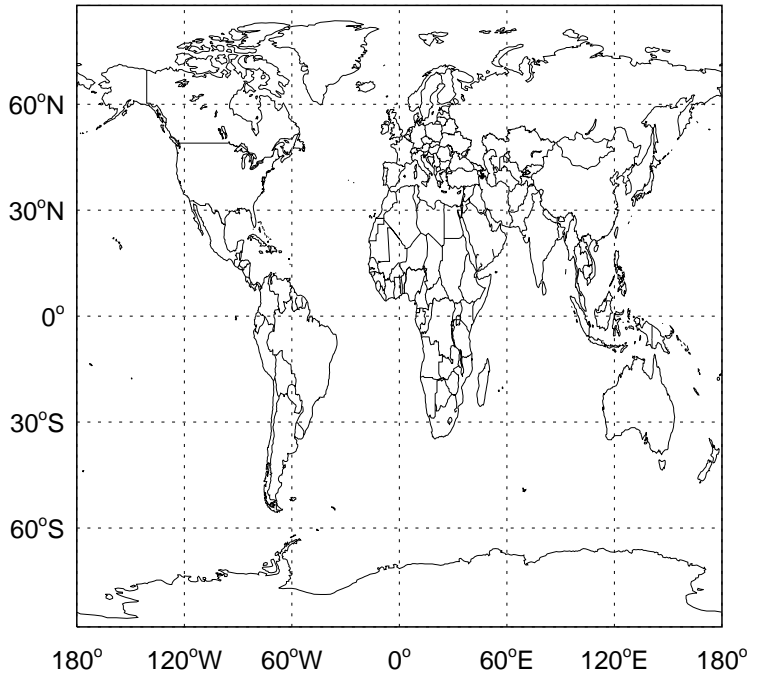
v11-02f-Run0 - v11-02e-Run0

DST4 - Diff @ Surface for Oct



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

DST4- Diff @ 500 hPa for Oct

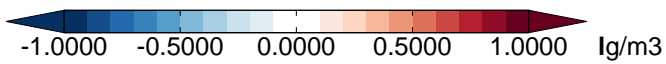
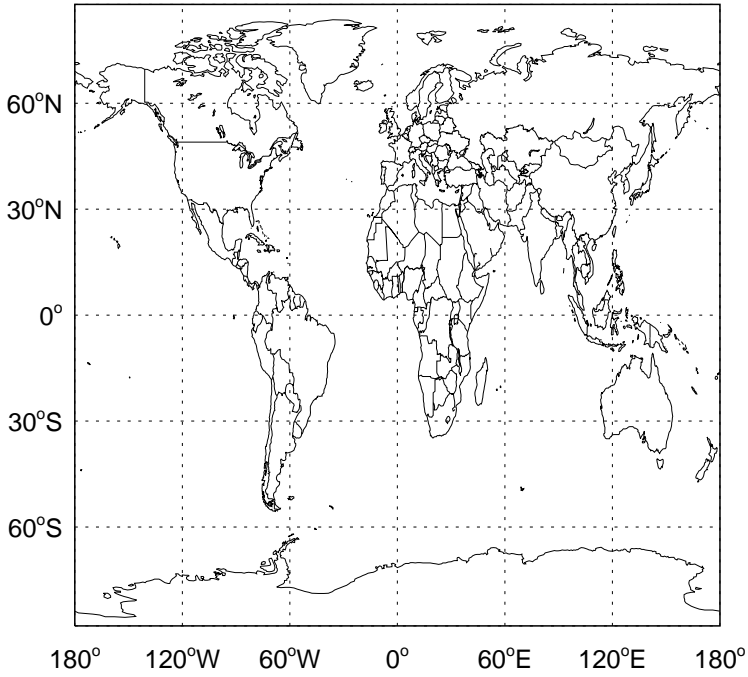




# GEOS-Chem Difference Maps at surface and 500 hPa

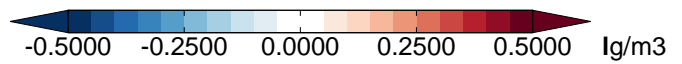
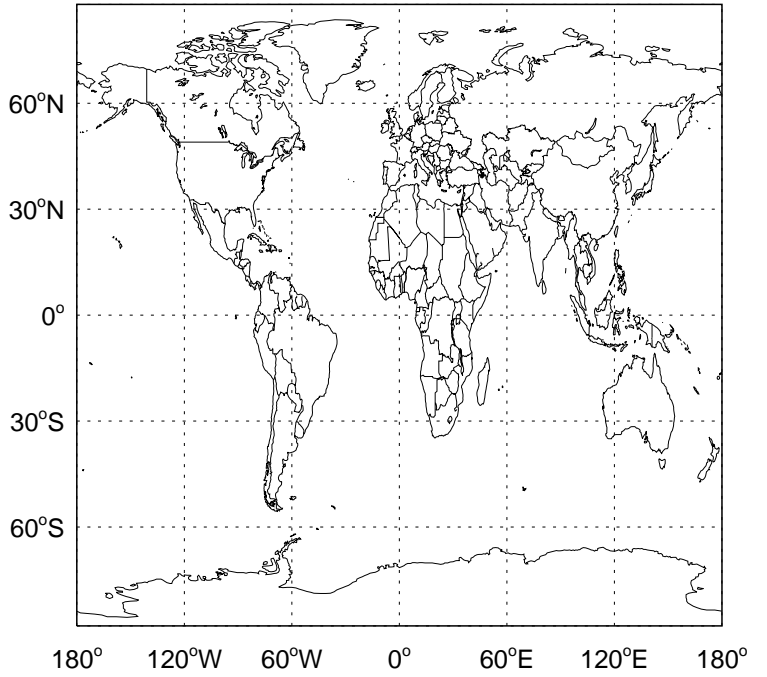
v11-02f-Run0 - v11-02e-Run1

SALA - Diff @ Surface for Oct



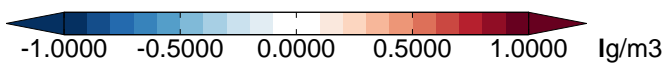
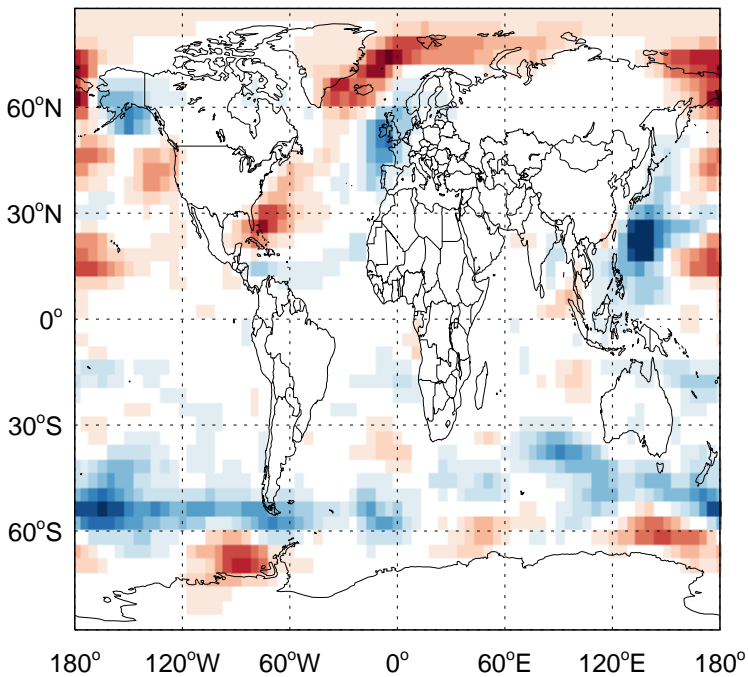
v11-02f-Run0 - v11-02e-Run1

SALA- Diff @ 500 hPa for Oct



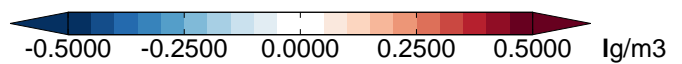
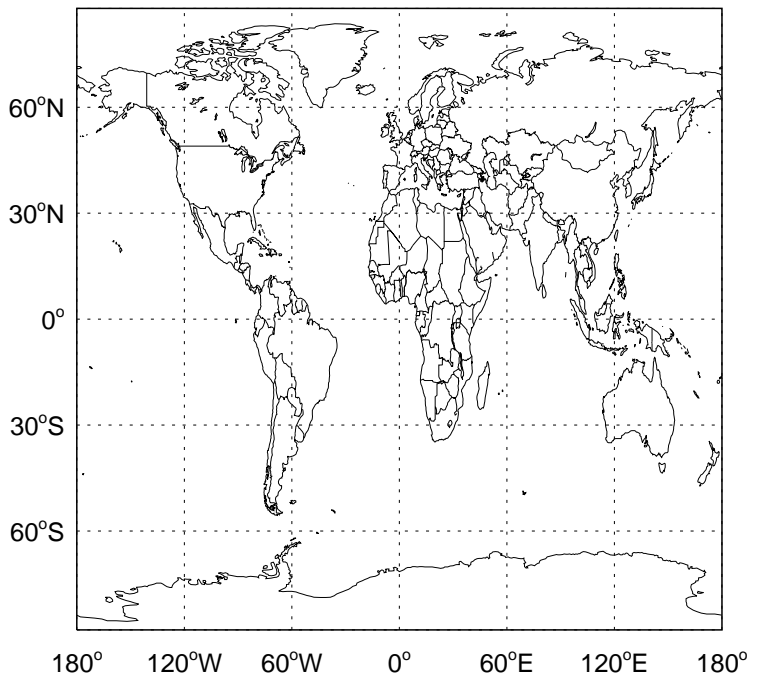
v11-02f-Run0 - v11-02e-Run0

SALA - Diff @ Surface for Oct



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

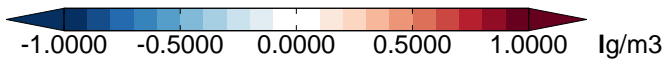
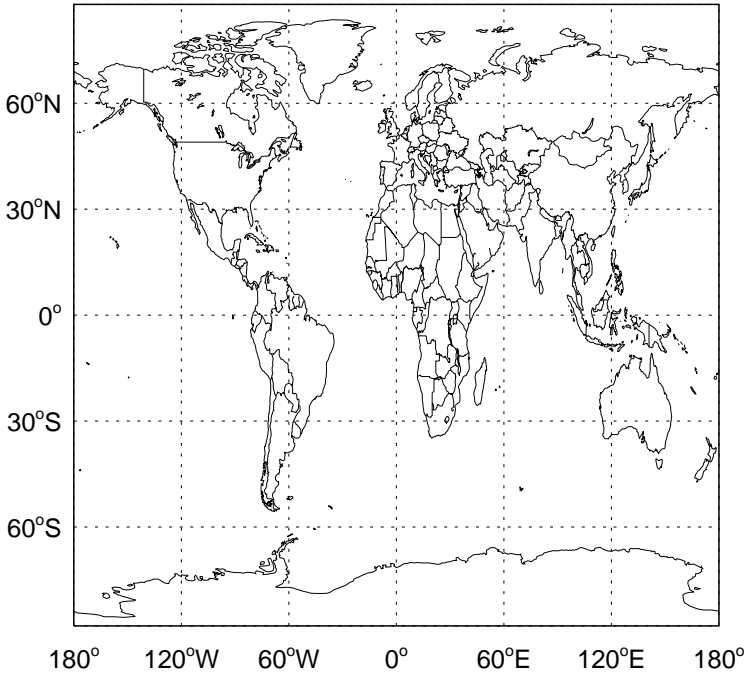
SALA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

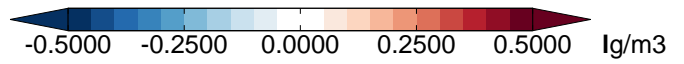
v11-02f-Run0 - v11-02e-Run1

SALC - Diff @ Surface for Oct



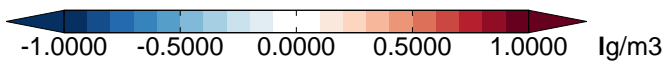
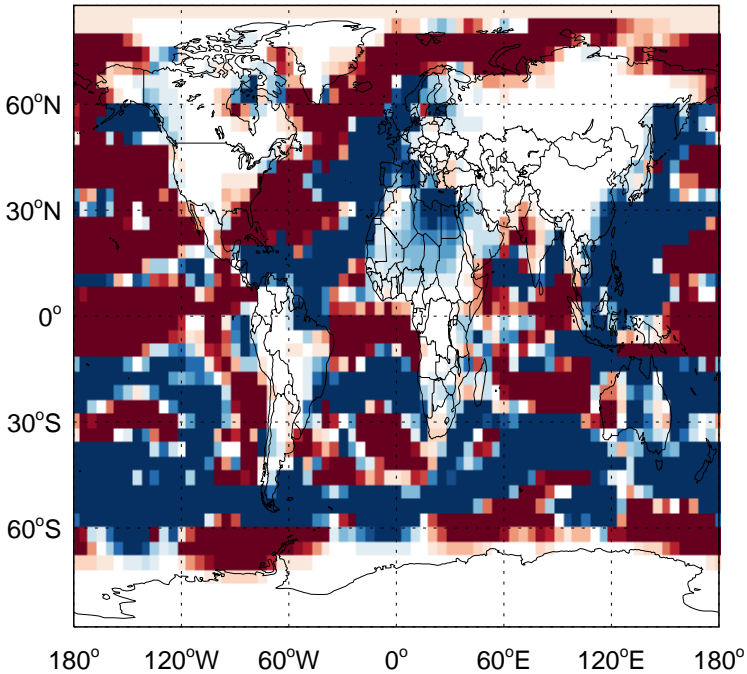
v11-02f-Run0 - v11-02e-Run1

SALC- Diff @ 500 hPa for Oct



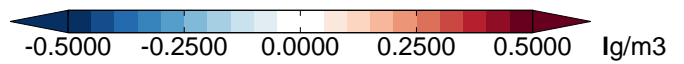
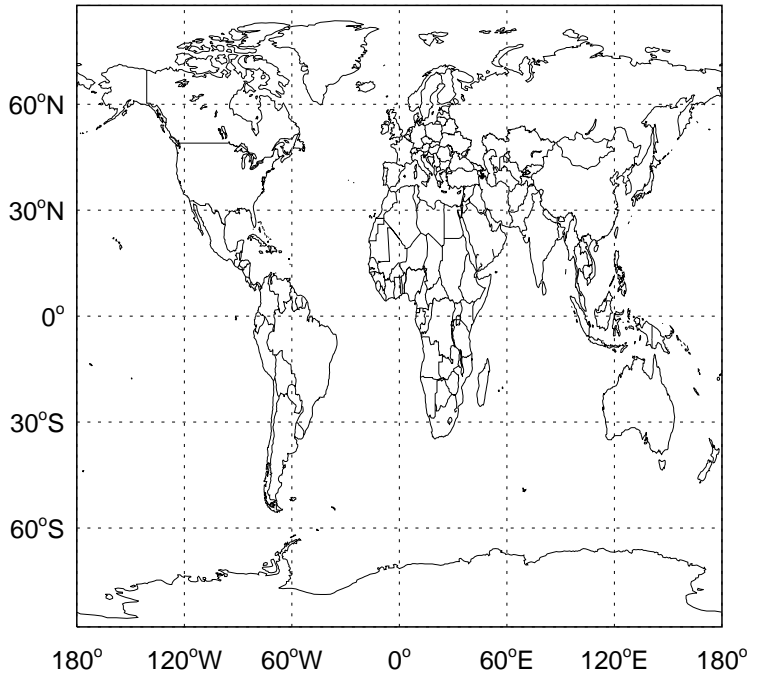
v11-02f-Run0 - v11-02e-Run0

SALC - Diff @ Surface for Oct



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

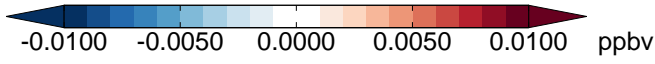
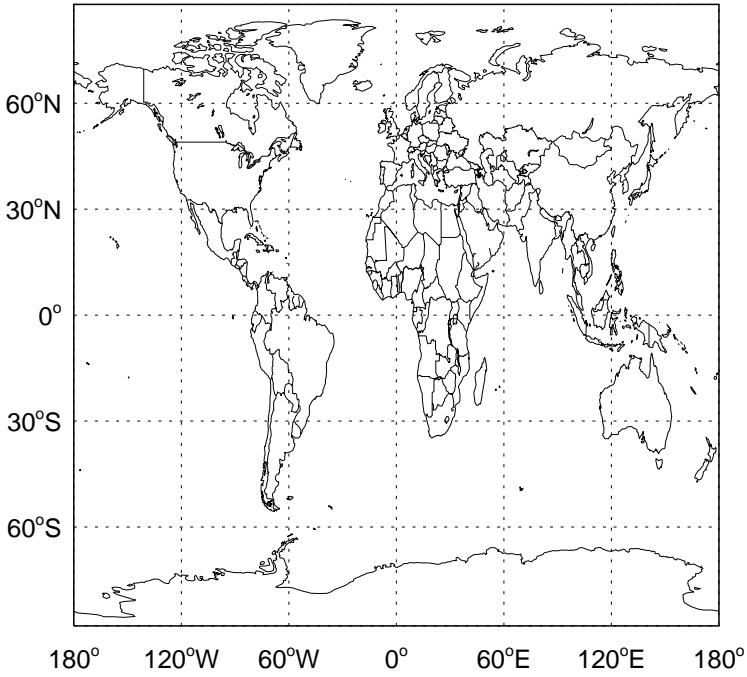
SALC- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

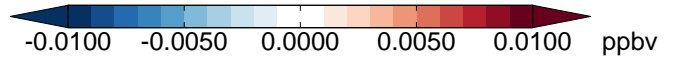
v11-02f-Run0 - v11-02e-Run1

Br2 - Diff @ Surface for Oct



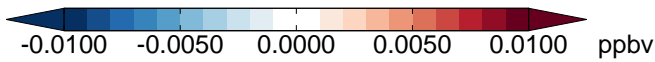
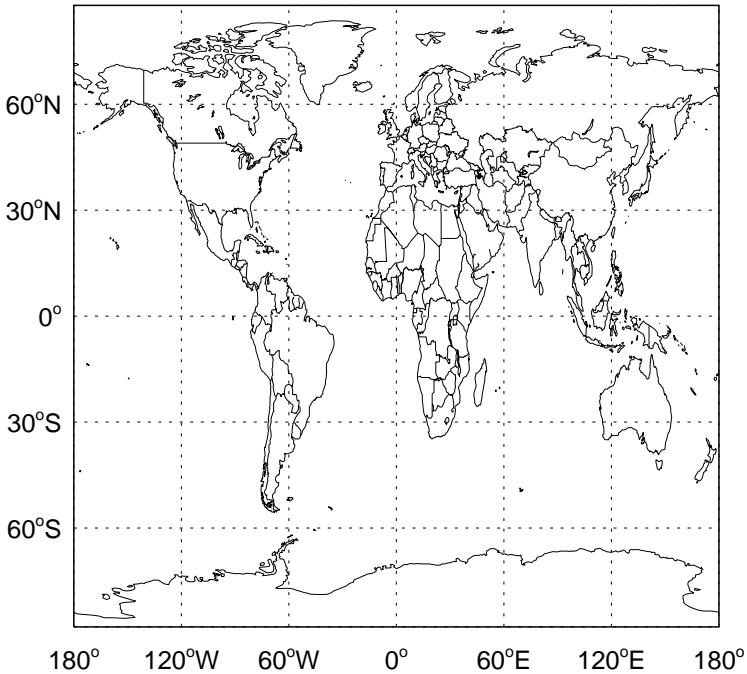
v11-02f-Run0 - v11-02e-Run1

Br2- Diff @ 500 hPa for Oct



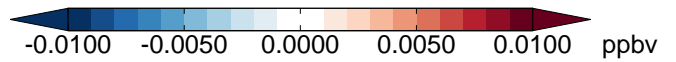
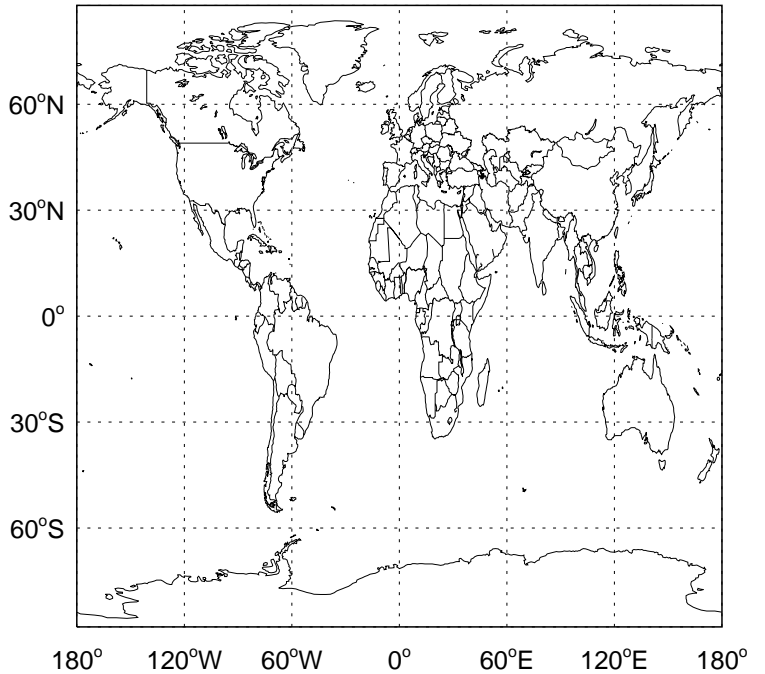
v11-02f-Run0 - v11-02e-Run0

Br2 - Diff @ Surface for Oct



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

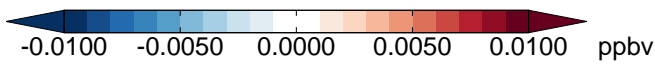
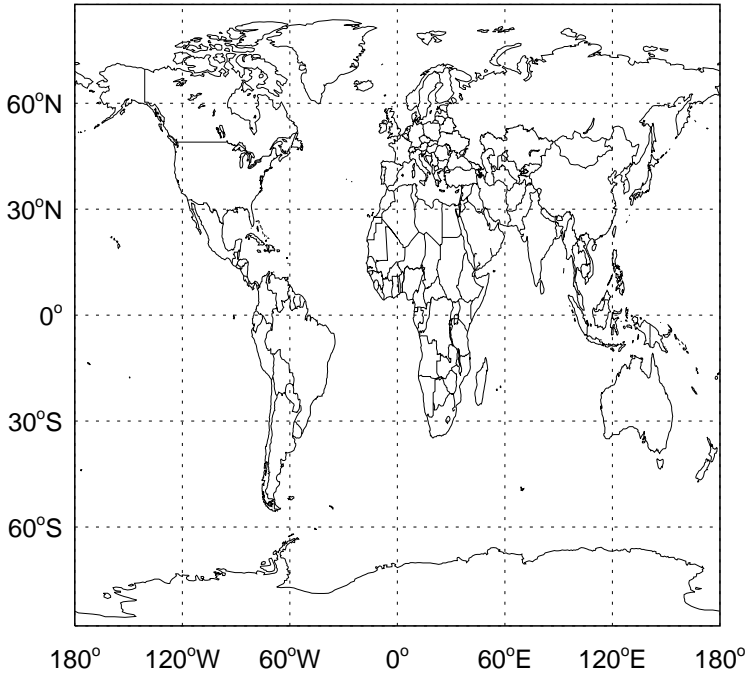
Br2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

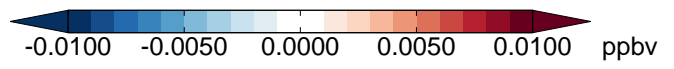
v11-02f-Run0 - v11-02e-Run1

Br - Diff @ Surface for Oct



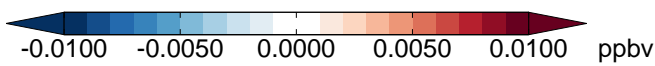
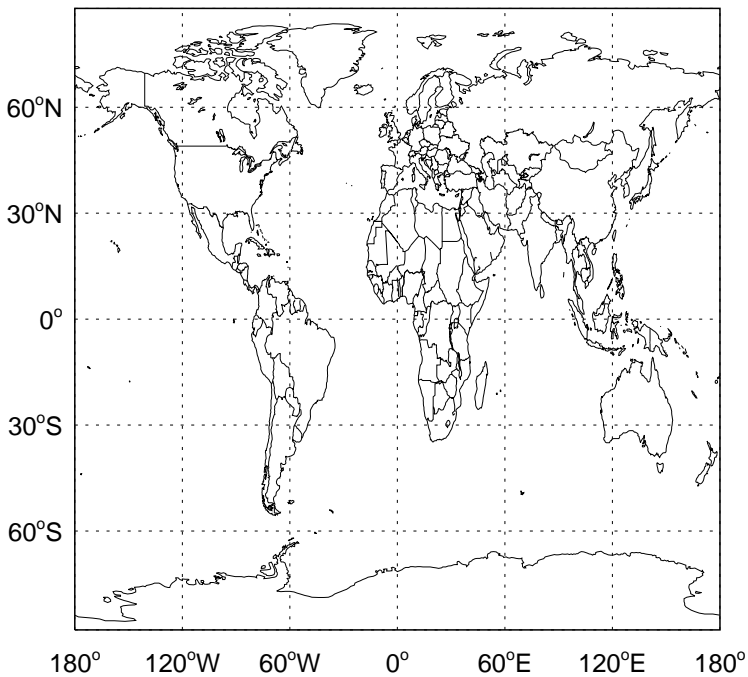
v11-02f-Run0 - v11-02e-Run1

Br - Diff @ 500 hPa for Oct



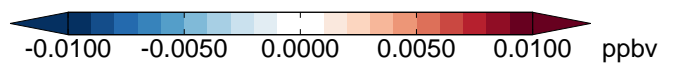
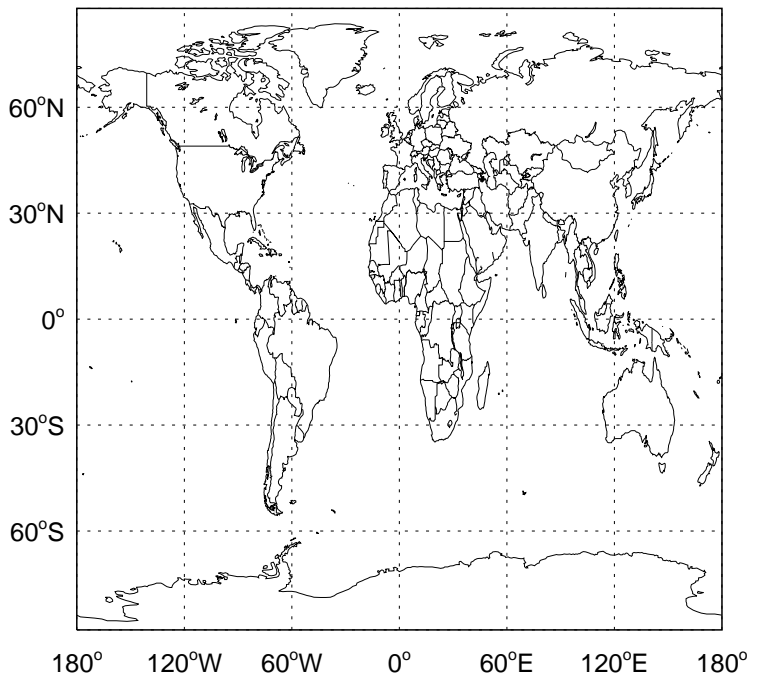
v11-02f-Run0 - v11-02e-Run0

Br - Diff @ Surface for Oct



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

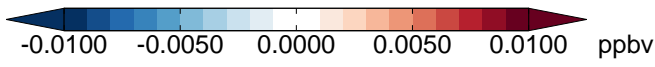
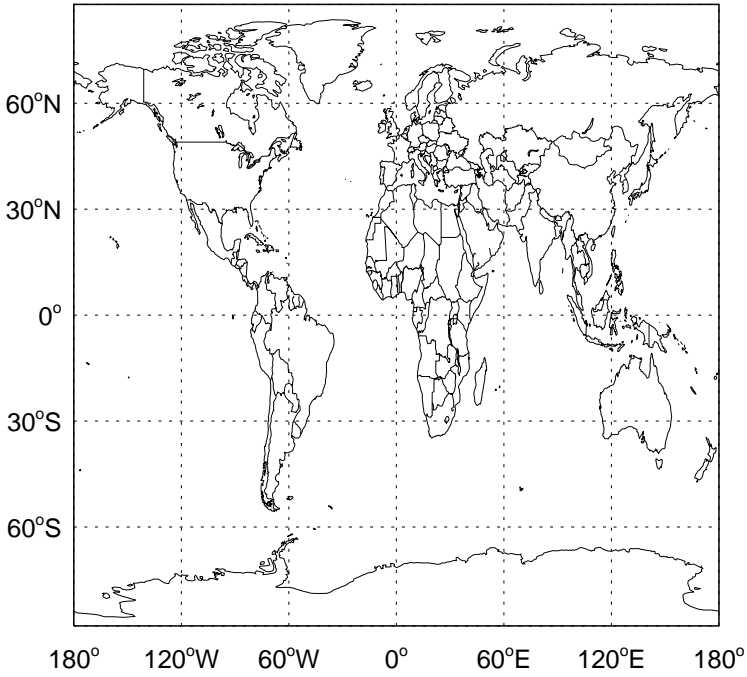
Br - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

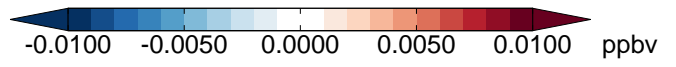
v11-02f-Run0 - v11-02e-Run1

BrO - Diff @ Surface for Oct



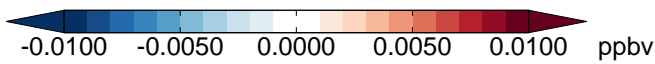
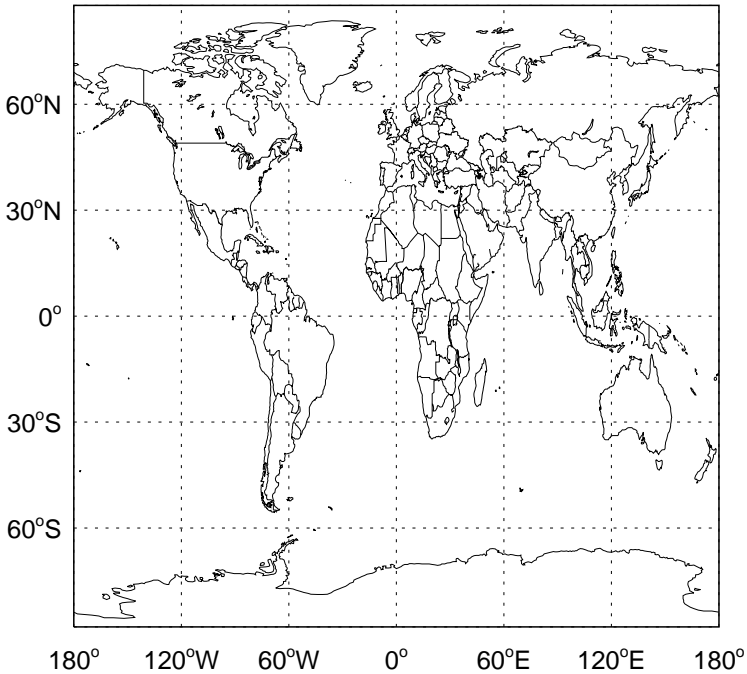
v11-02f-Run0 - v11-02e-Run1

BrO - Diff @ 500 hPa for Oct



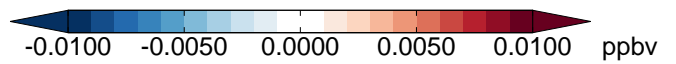
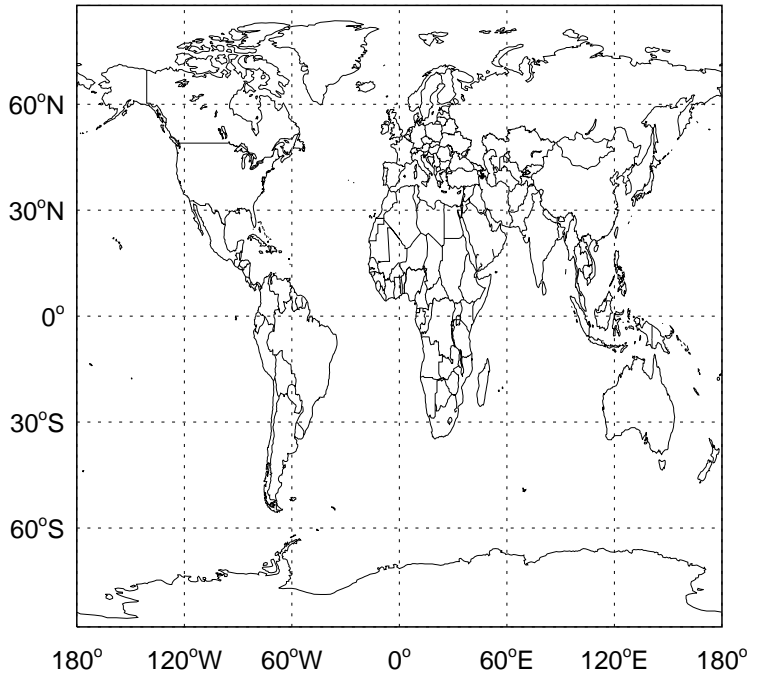
v11-02f-Run0 - v11-02e-Run0

BrO - Diff @ Surface for Oct



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

BrO - Diff @ 500 hPa for Oct

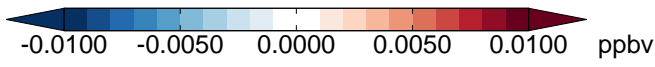
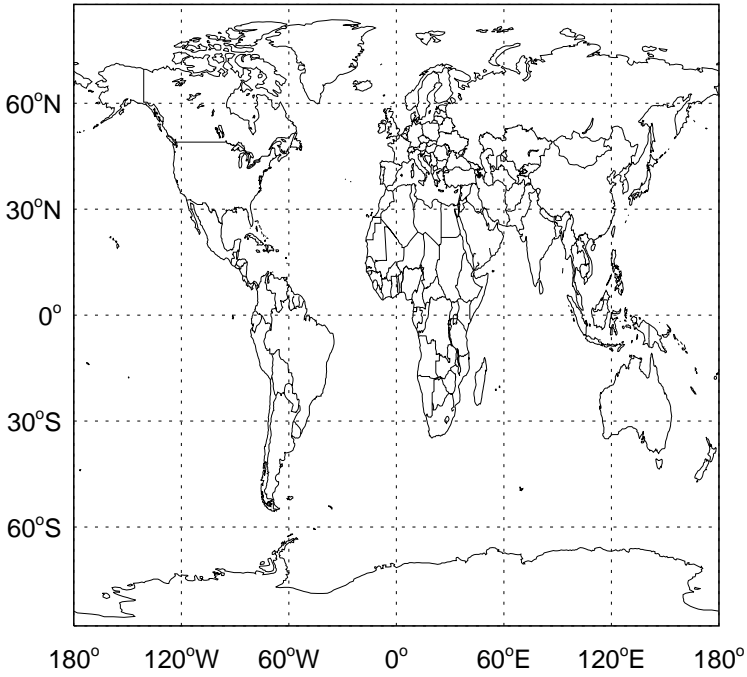




# GEOS-Chem Difference Maps at surface and 500 hPa

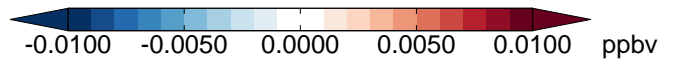
v11-02f-Run0 - v11-02e-Run1

HOBr - Diff @ Surface for Oct



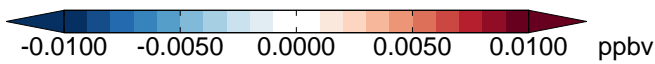
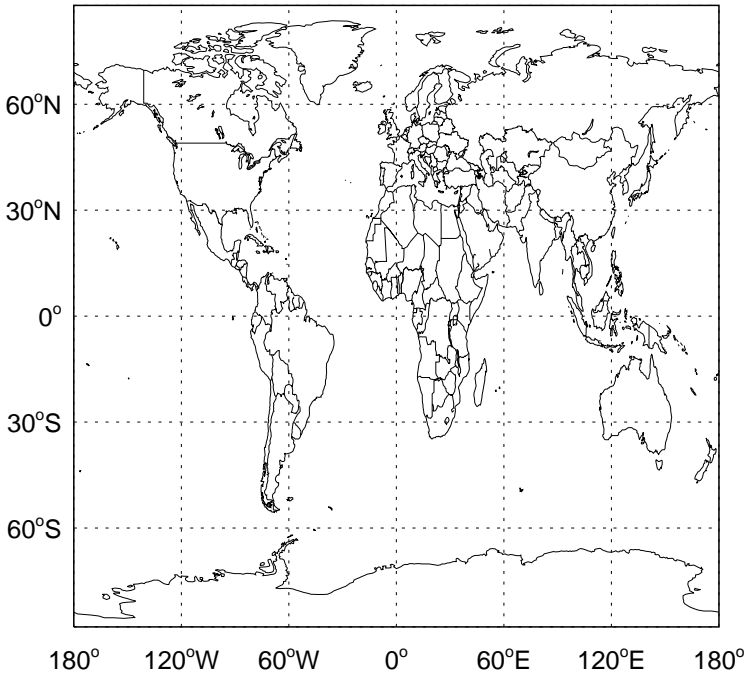
v11-02f-Run0 - v11-02e-Run1

HOBr - Diff @ 500 hPa for Oct



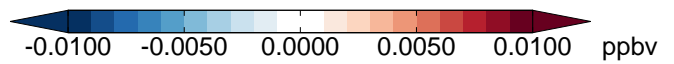
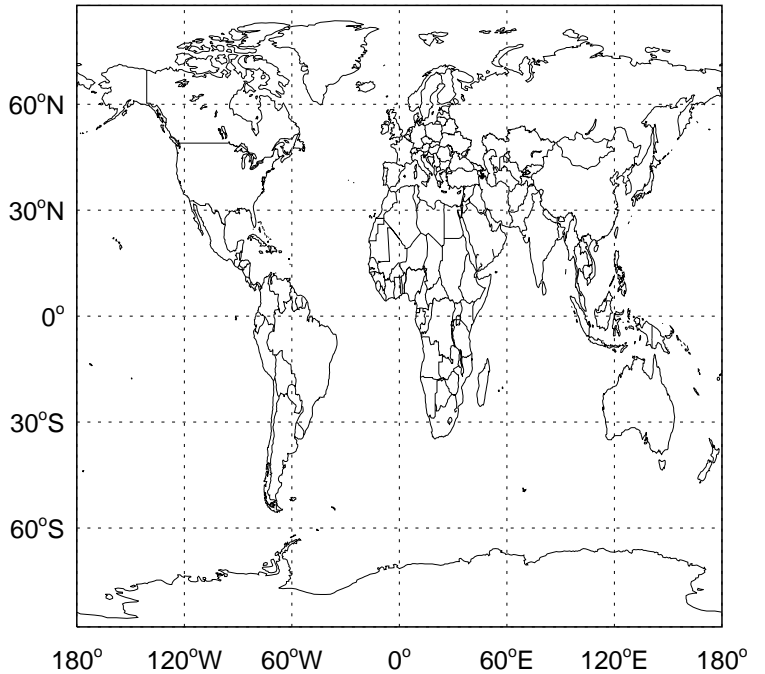
v11-02f-Run0 - v11-02e-Run0

HOBr - Diff @ Surface for Oct



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

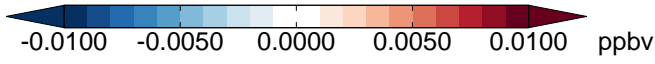
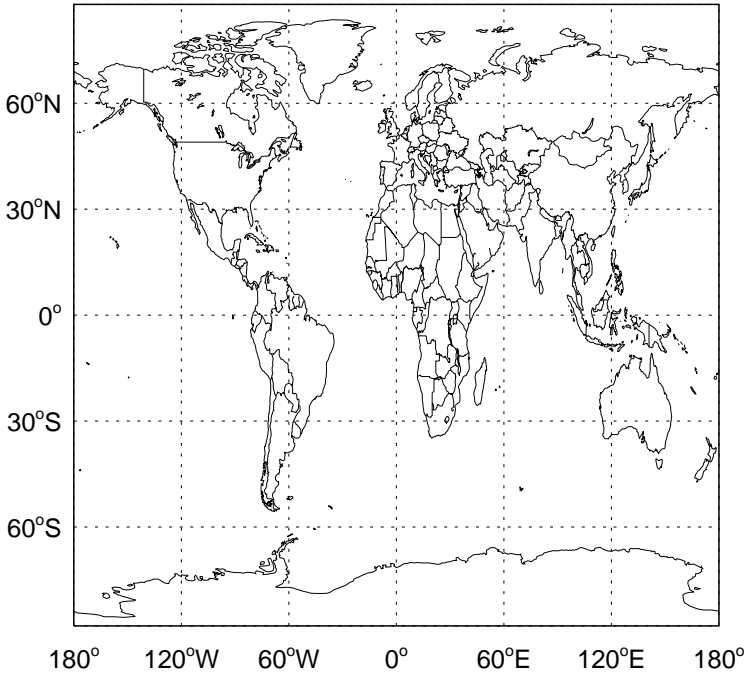
HOBr - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

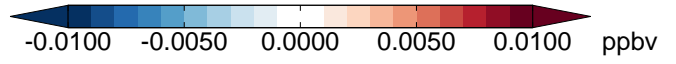
v11-02f-Run0 - v11-02e-Run1

HBr - Diff @ Surface for Oct



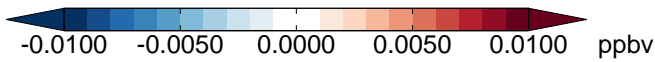
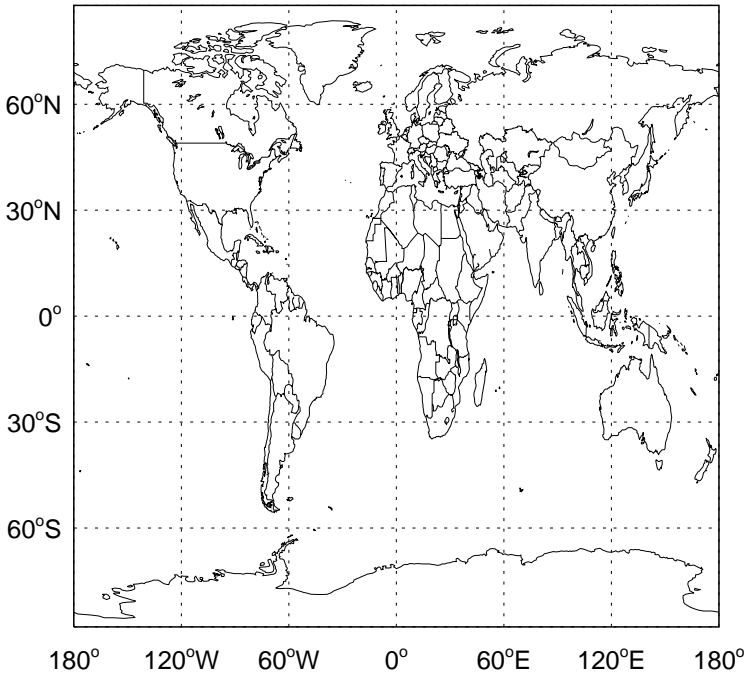
v11-02f-Run0 - v11-02e-Run1

HBr- Diff @ 500 hPa for Oct



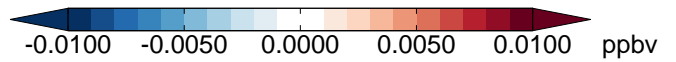
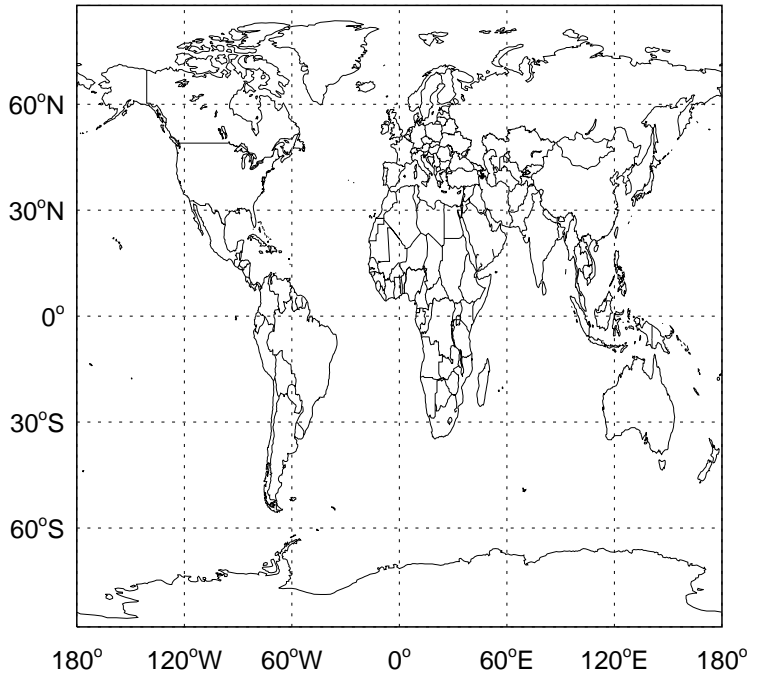
v11-02f-Run0 - v11-02e-Run0

HBr - Diff @ Surface for Oct



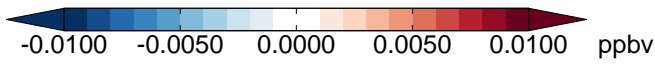
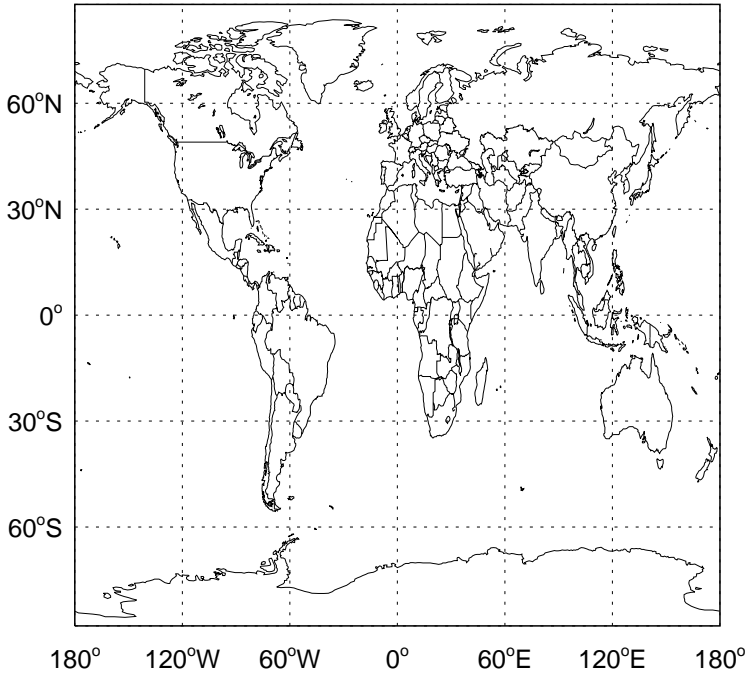
v11-02f-Run0 - v11-02e-Run0

HBr- Diff @ 500 hPa for Oct

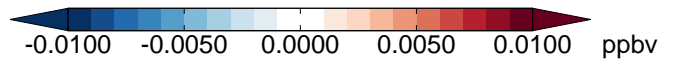


# GEOS-Chem Difference Maps at surface and 500 hPa

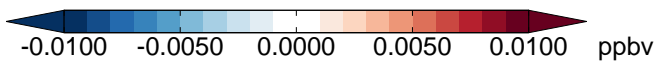
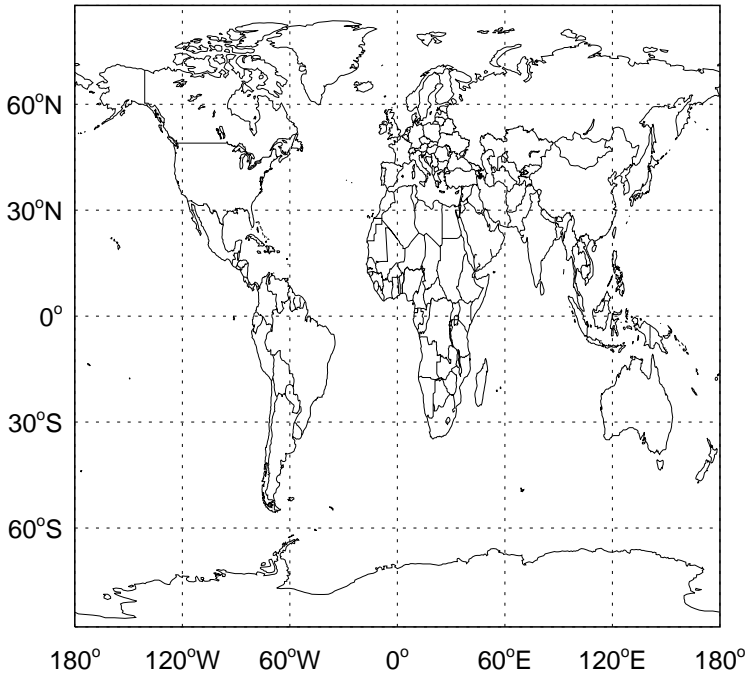
v11-02f-Run0 - v11-02e-Run1  
BrNO<sub>2</sub> - Diff @ Surface for Oct



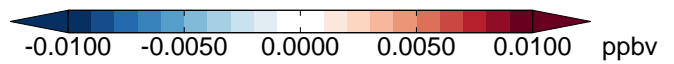
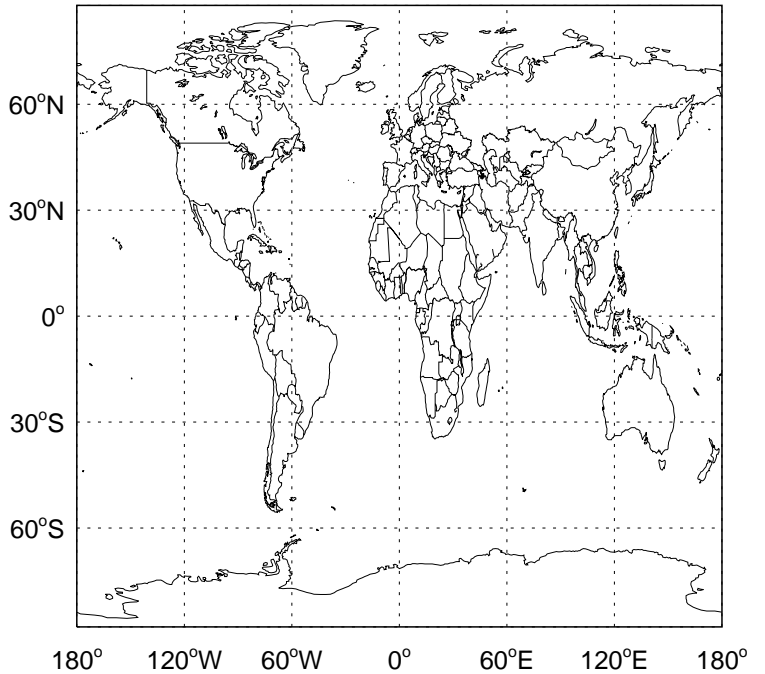
v11-02f-Run0 - v11-02e-Run1  
BrNO<sub>2</sub>- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
BrNO<sub>2</sub> - Diff @ Surface for Oct

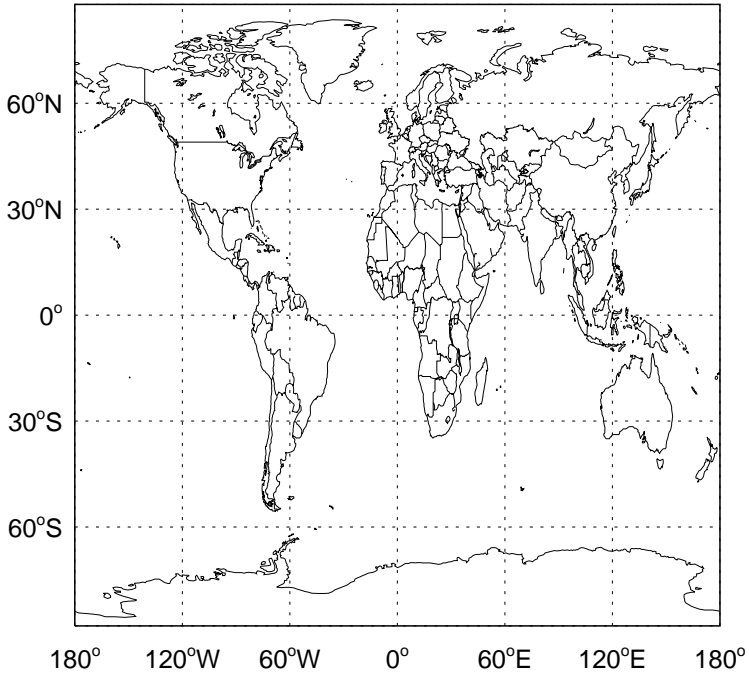


v11-02f-Run0 - v11-02e-Run0  
BrNO<sub>2</sub>- Diff @ 500 hPa for Oct

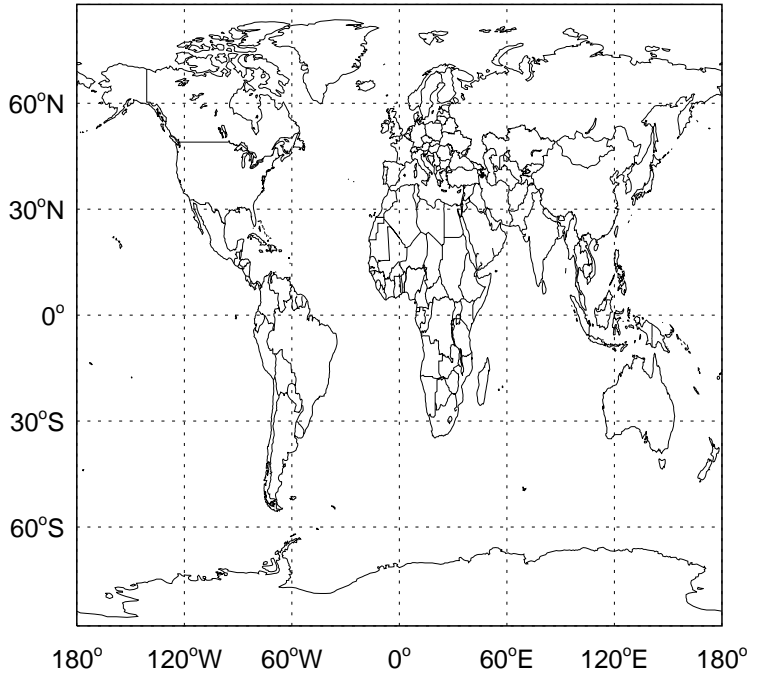


# GEOS-Chem Difference Maps at surface and 500 hPa

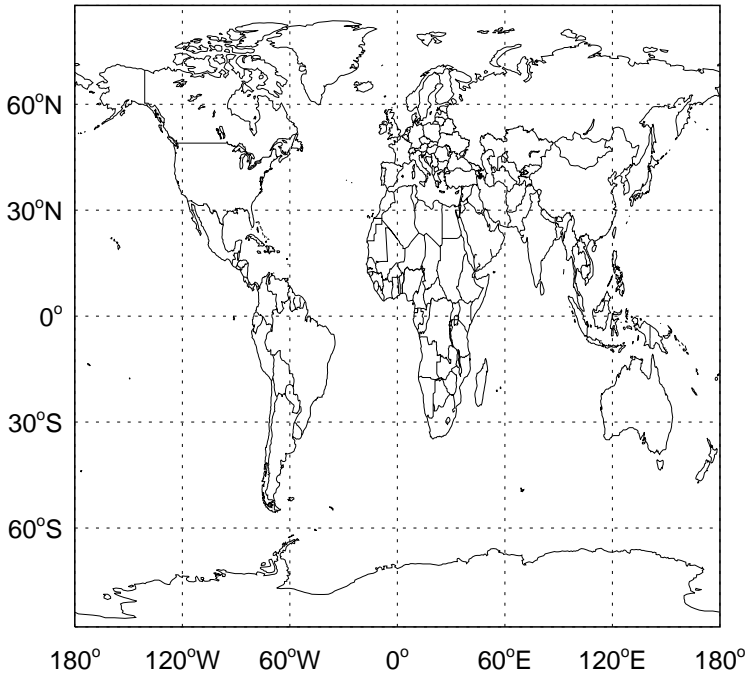
v11-02f-Run0 - v11-02e-Run1  
BrNO3 - Diff @ Surface for Oct



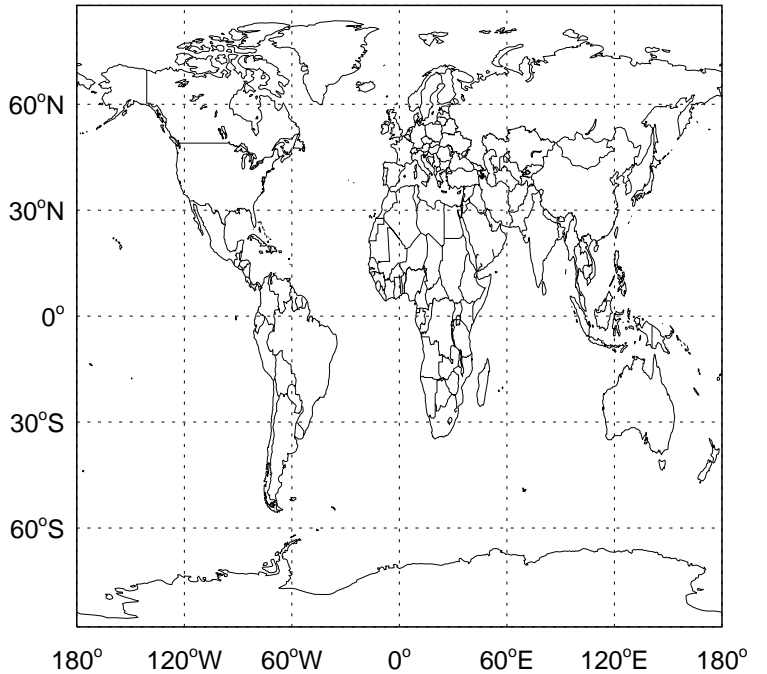
v11-02f-Run0 - v11-02e-Run1  
BrNO3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
BrNO3 - Diff @ Surface for Oct

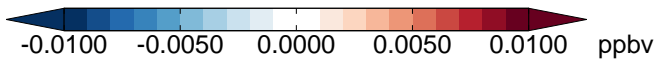
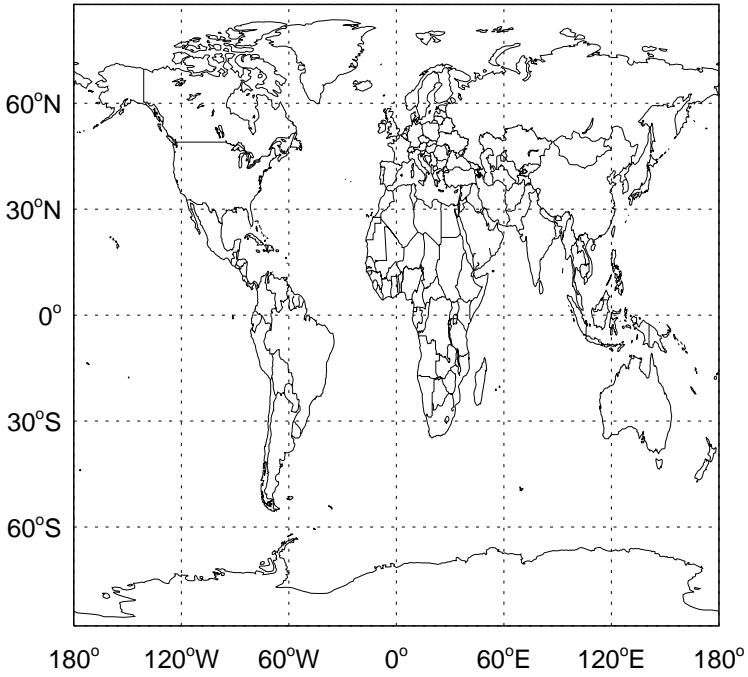


v11-02f-Run0 - v11-02e-Run0  
BrNO3- Diff @ 500 hPa for Oct

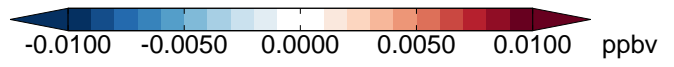


# GEOS-Chem Difference Maps at surface and 500 hPa

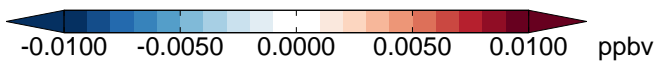
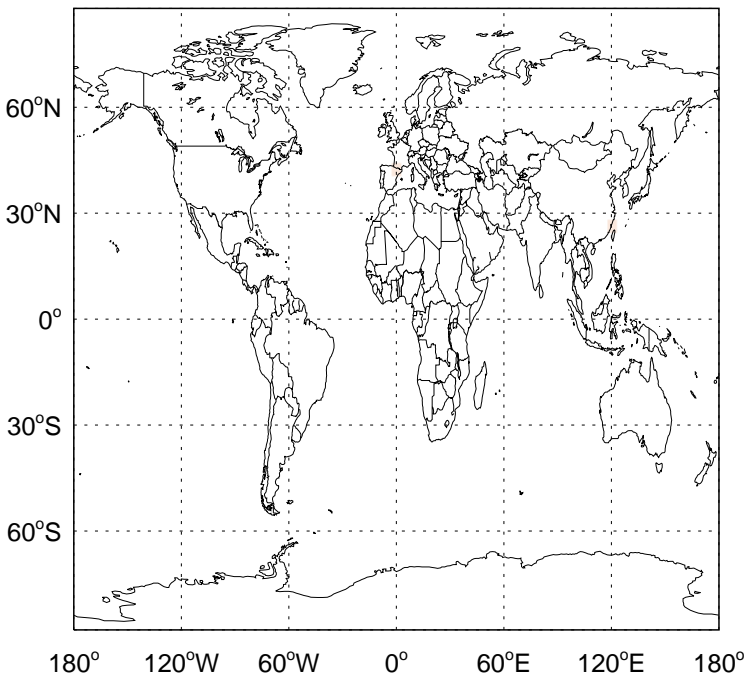
v11-02f-Run0 - v11-02e-Run1  
CHBr3 - Diff @ Surface for Oct



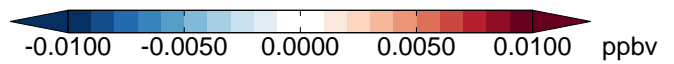
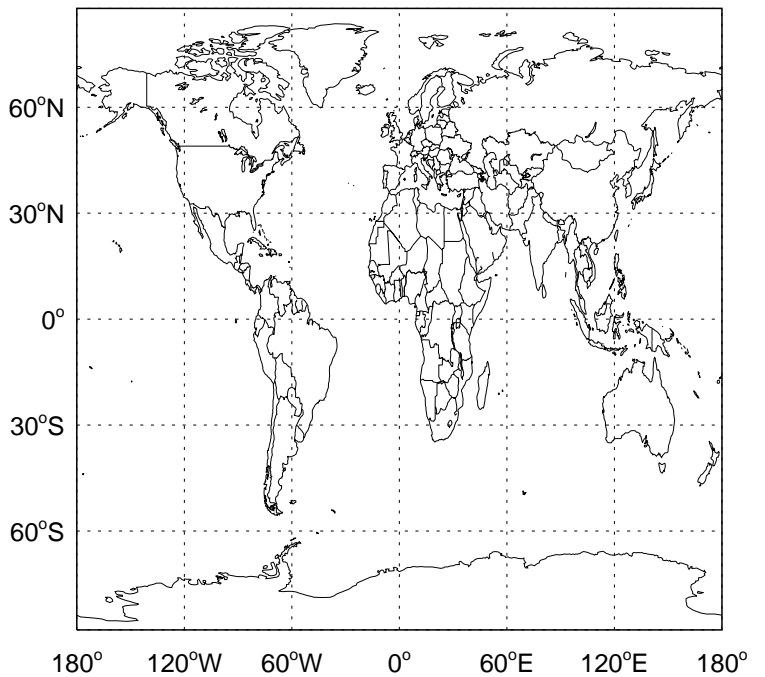
v11-02f-Run0 - v11-02e-Run1  
CHBr3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CHBr3 - Diff @ Surface for Oct

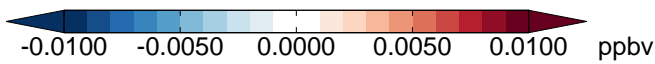
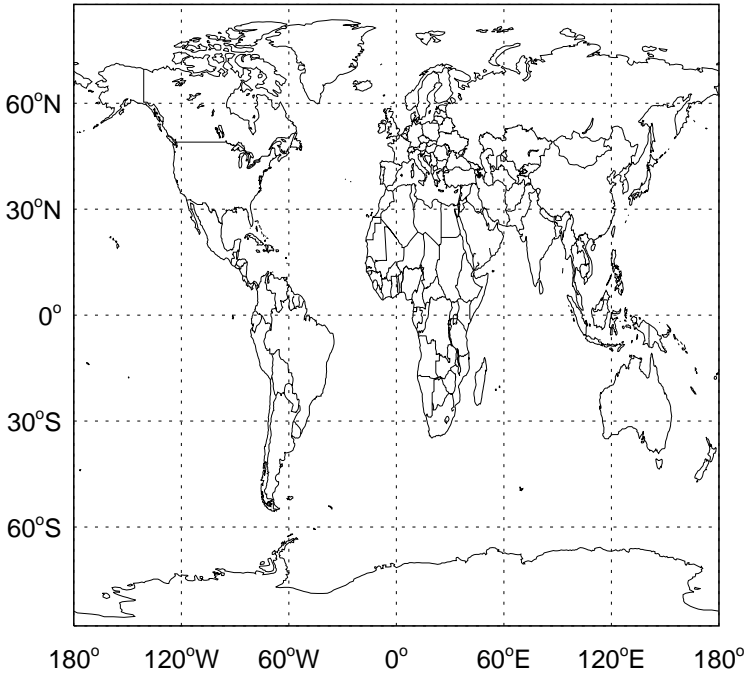


v11-02f-Run0 - v11-02e-Run0  
CHBr3- Diff @ 500 hPa for Oct

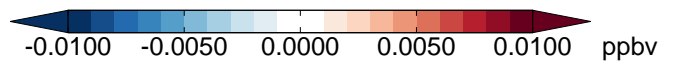


# GEOS-Chem Difference Maps at surface and 500 hPa

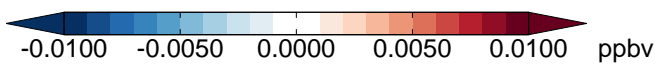
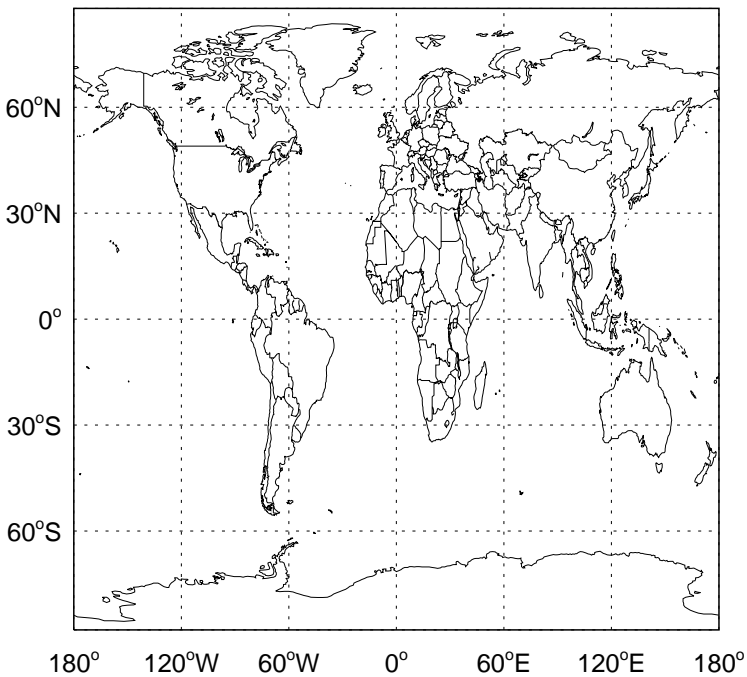
v11-02f-Run0 - v11-02e-Run1  
CH2Br2 - Diff @ Surface for Oct



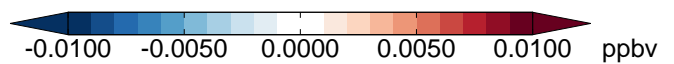
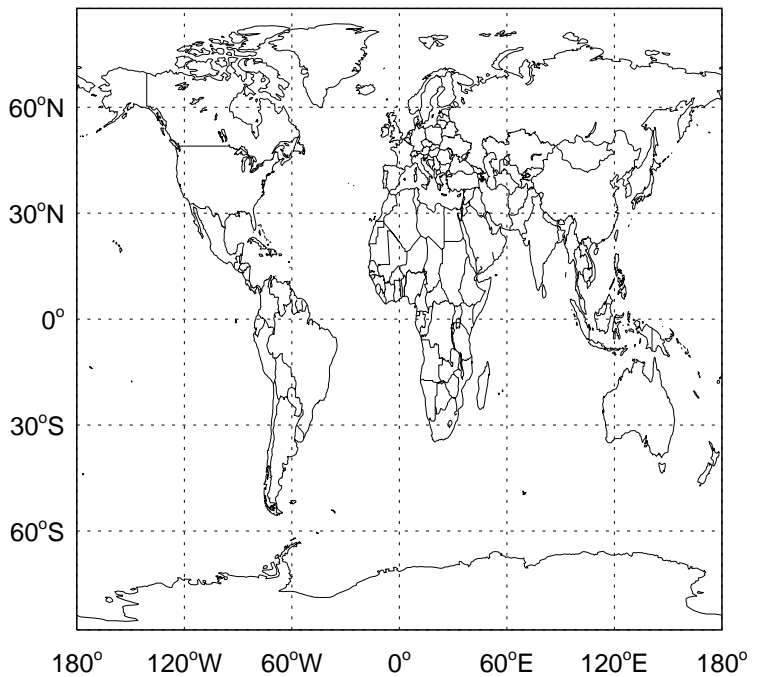
v11-02f-Run0 - v11-02e-Run1  
CH2Br2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CH2Br2 - Diff @ Surface for Oct



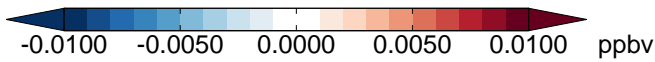
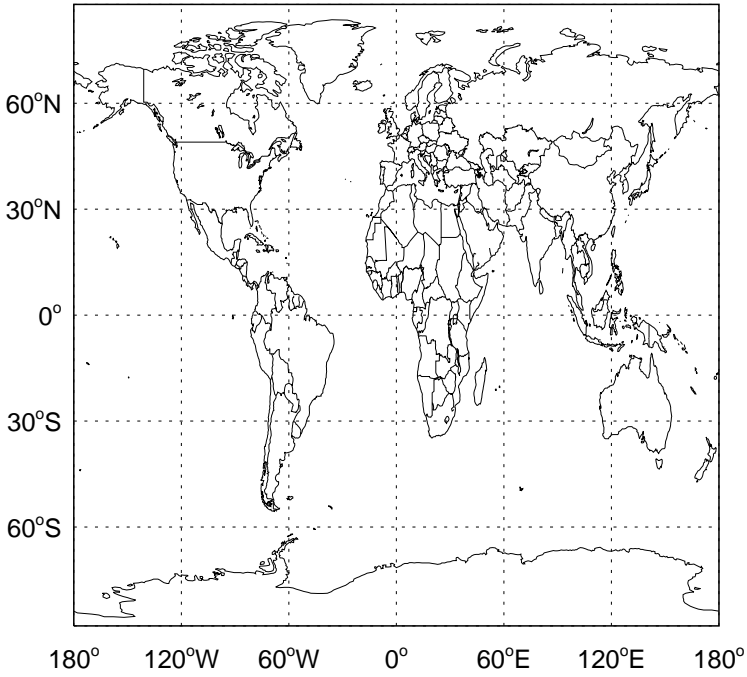
v11-02f-Run0 - v11-02e-Run0  
CH2Br2- Diff @ 500 hPa for Oct



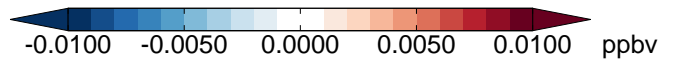


# GEOS-Chem Difference Maps at surface and 500 hPa

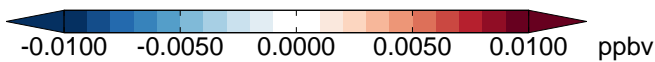
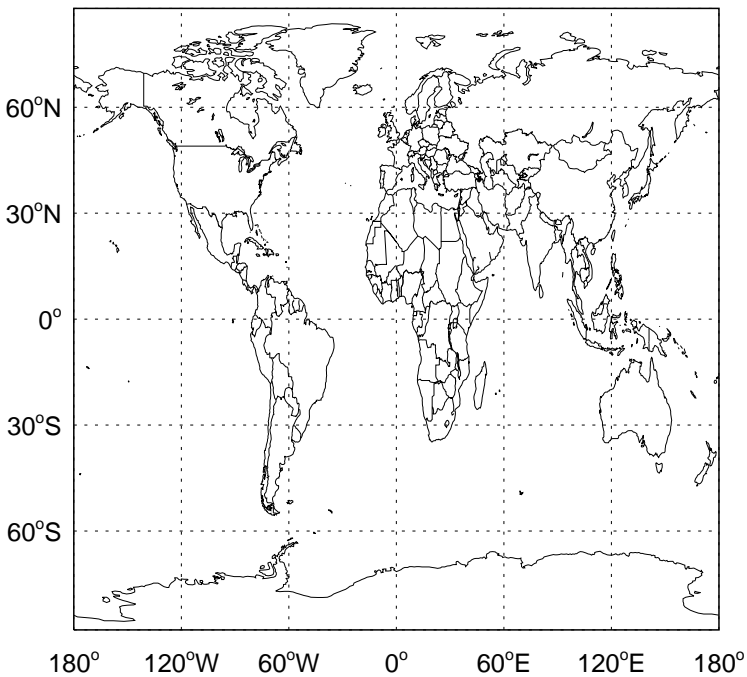
v11-02f-Run0 - v11-02e-Run1  
CH3Br - Diff @ Surface for Oct



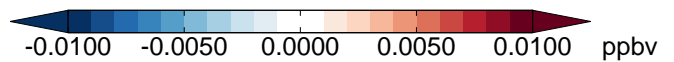
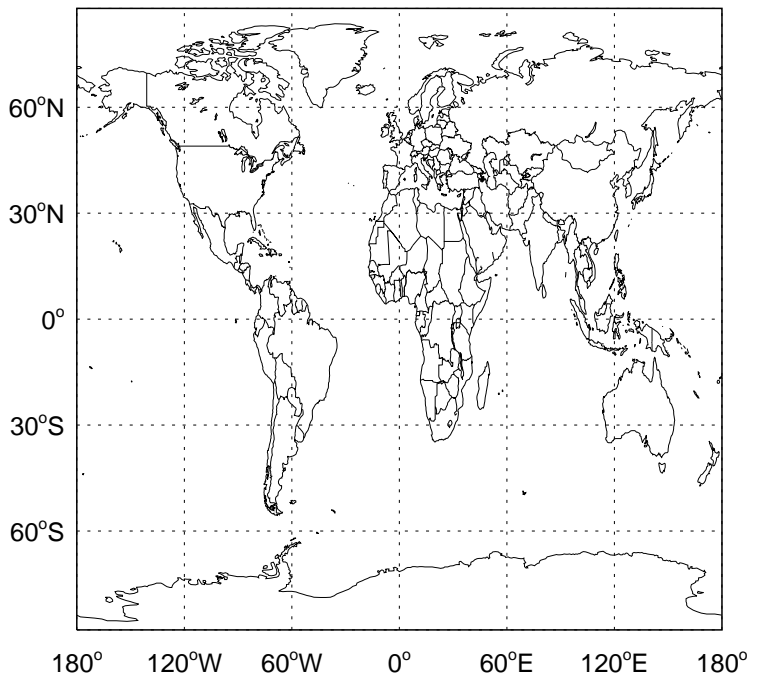
v11-02f-Run0 - v11-02e-Run1  
CH3Br - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CH3Br - Diff @ Surface for Oct



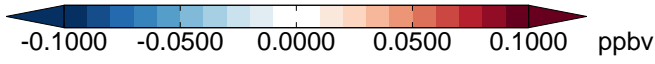
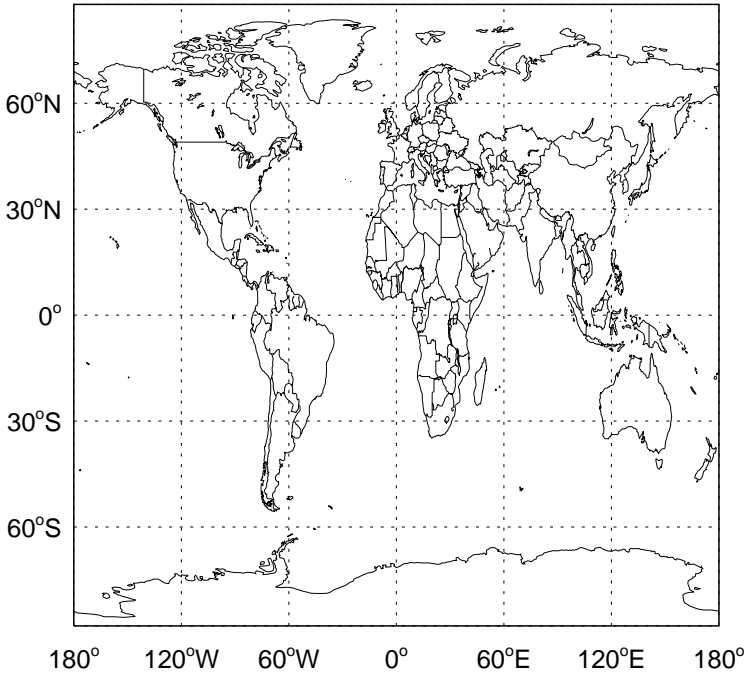
v11-02f-Run0 - v11-02e-Run0  
CH3Br - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

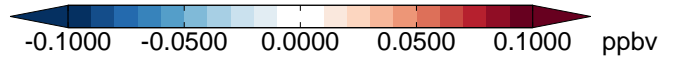
v11-02f-Run0 - v11-02e-Run1

MPN - Diff @ Surface for Oct



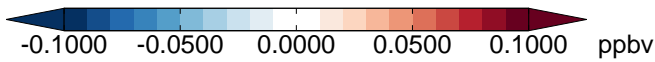
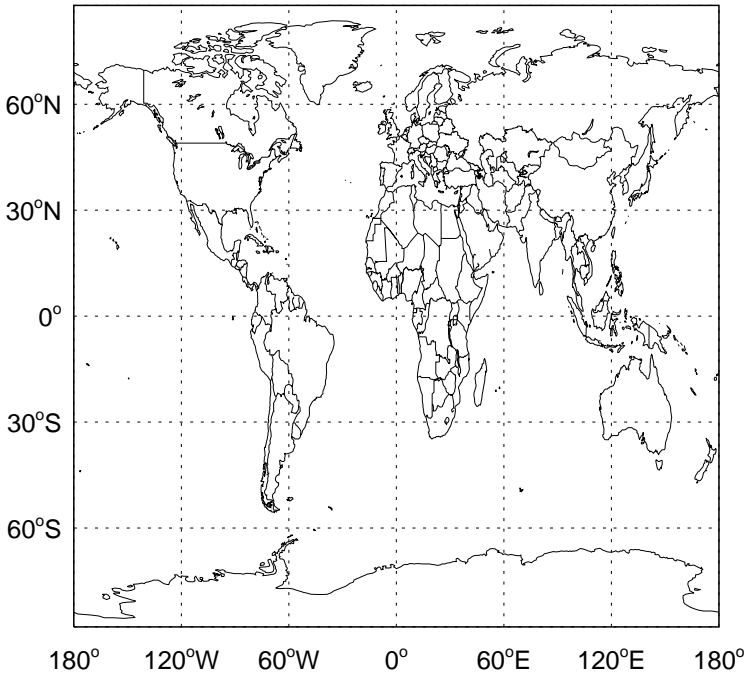
v11-02f-Run0 - v11-02e-Run1

MPN- Diff @ 500 hPa for Oct



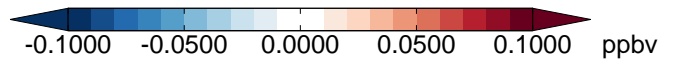
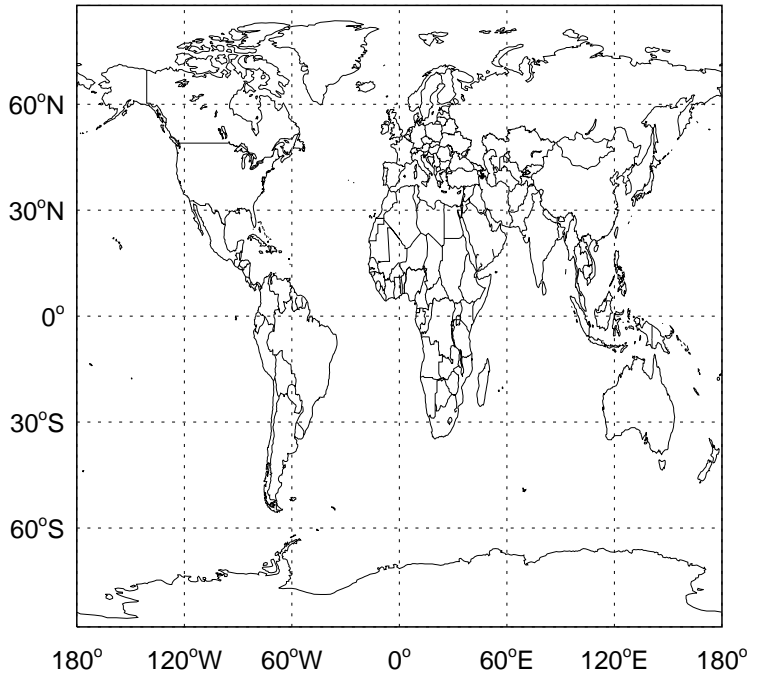
v11-02f-Run0 - v11-02e-Run0

MPN - Diff @ Surface for Oct



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

MPN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

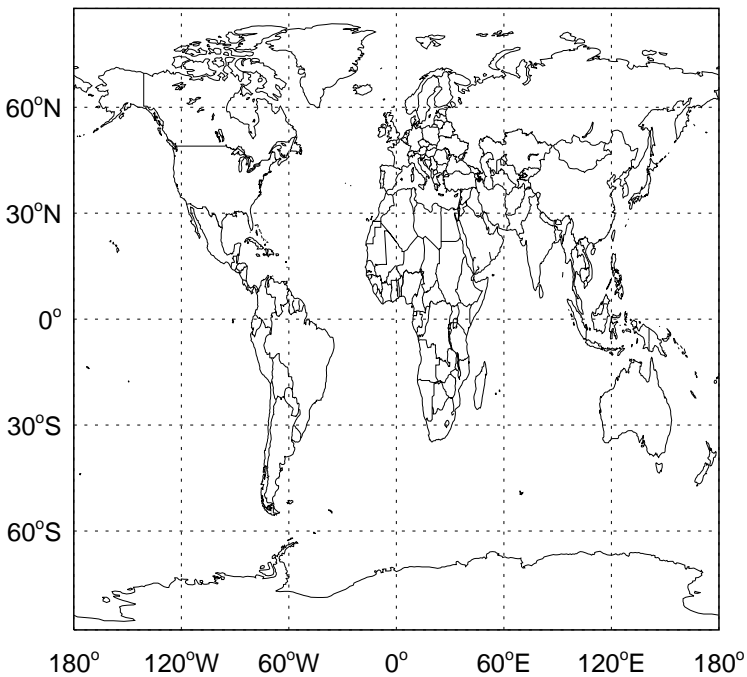
v11-02f-Run0 - v11-02e-Run1  
ISOPND - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
ISOPND- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOPND - Diff @ Surface for Oct

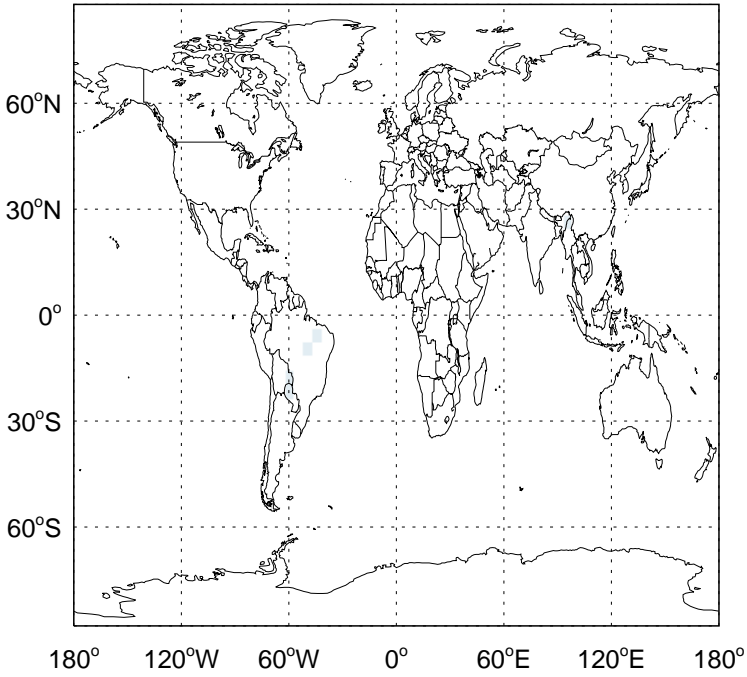


v11-02f-Run0 - v11-02e-Run0  
ISOPND- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

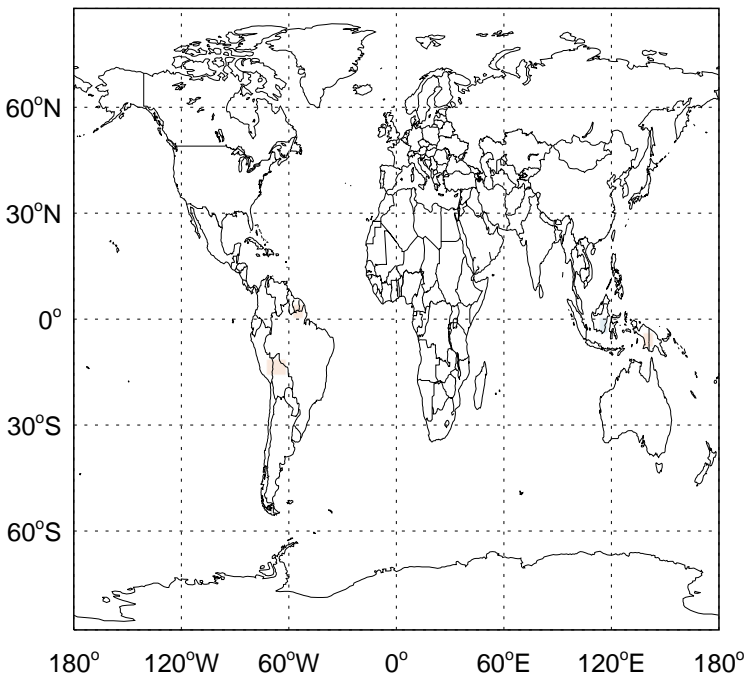
v11-02f-Run0 - v11-02e-Run1  
ISOPNB - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
ISOPNB- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOPNB - Diff @ Surface for Oct

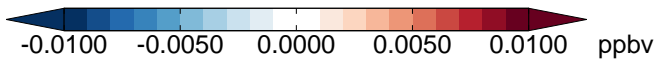
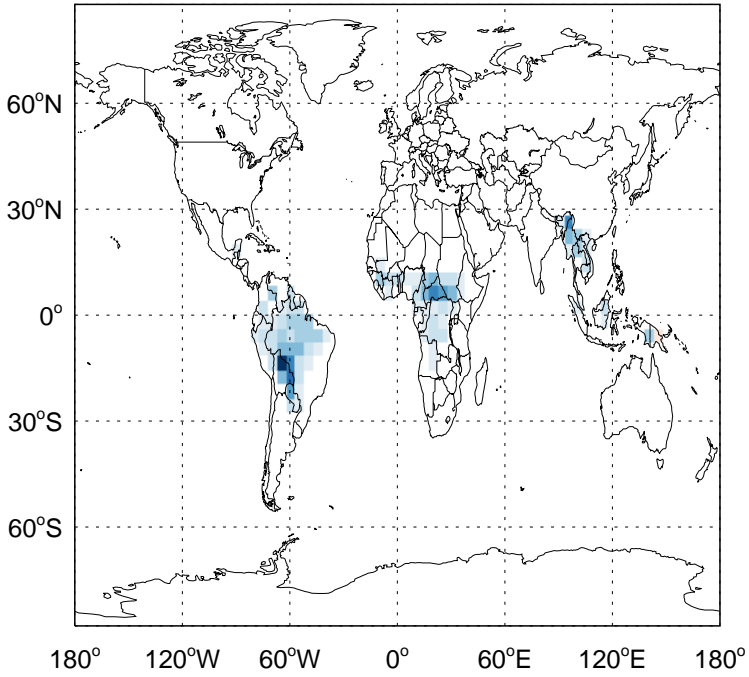


v11-02f-Run0 - v11-02e-Run0  
ISOPNB- Diff @ 500 hPa for Oct

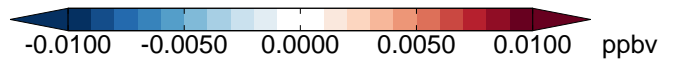


# GEOS-Chem Difference Maps at surface and 500 hPa

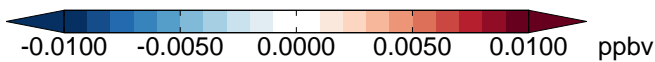
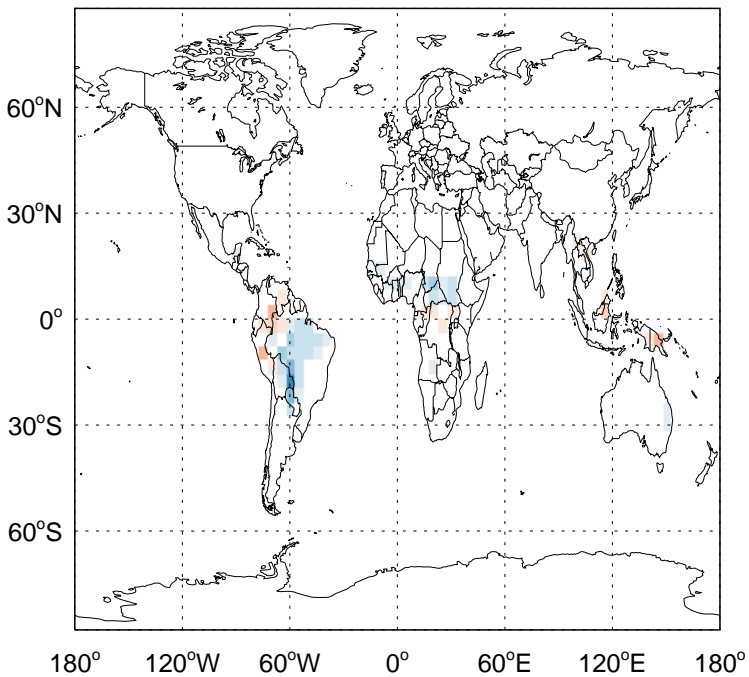
v11-02f-Run0 - v11-02e-Run1  
MOBA - Diff @ Surface for Oct



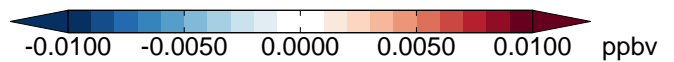
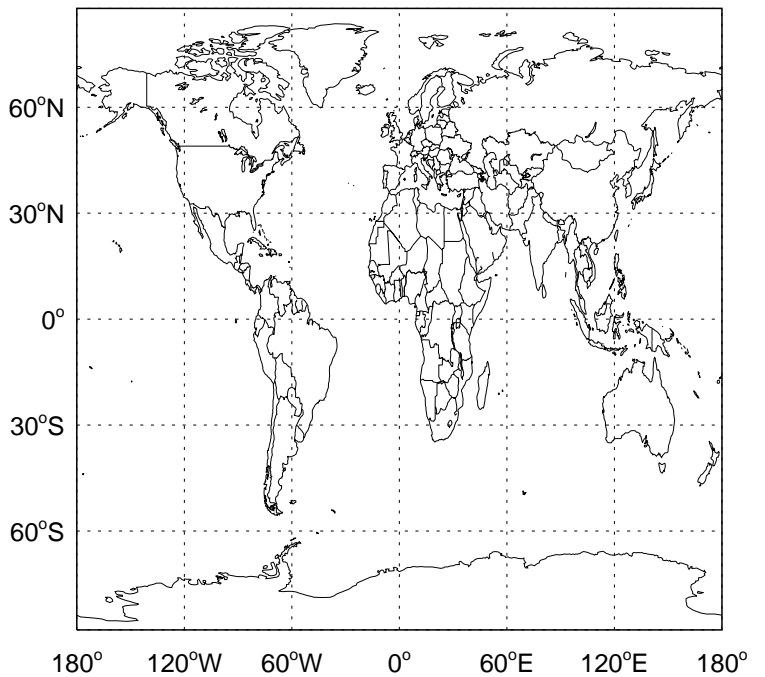
v11-02f-Run0 - v11-02e-Run1  
MOBA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MOBA - Diff @ Surface for Oct

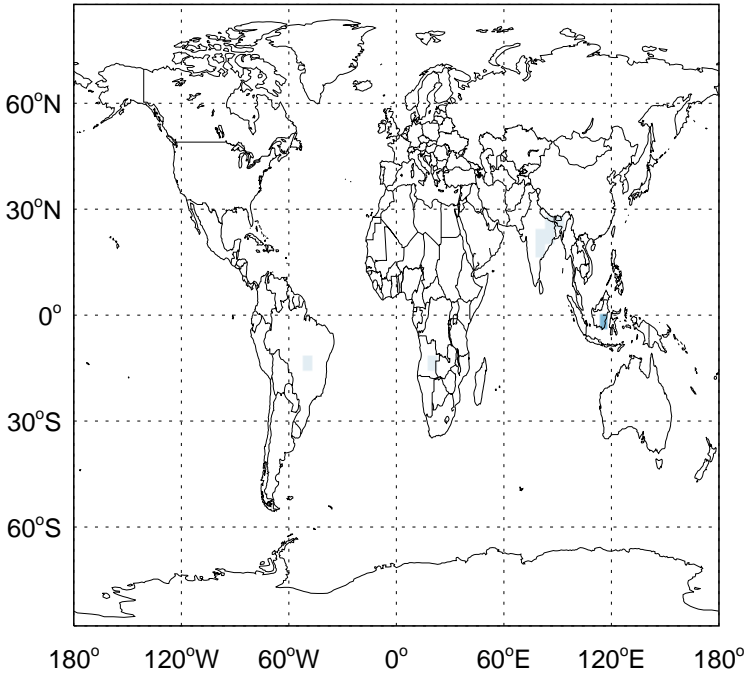


v11-02f-Run0 - v11-02e-Run0  
MOBA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

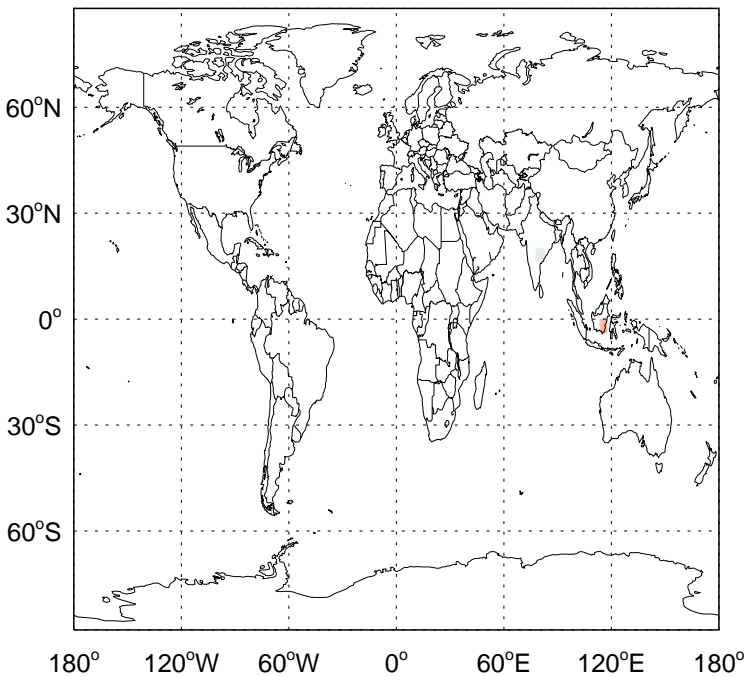
v11-02f-Run0 - v11-02e-Run1  
PROPNN - Diff @ Surface for Oct



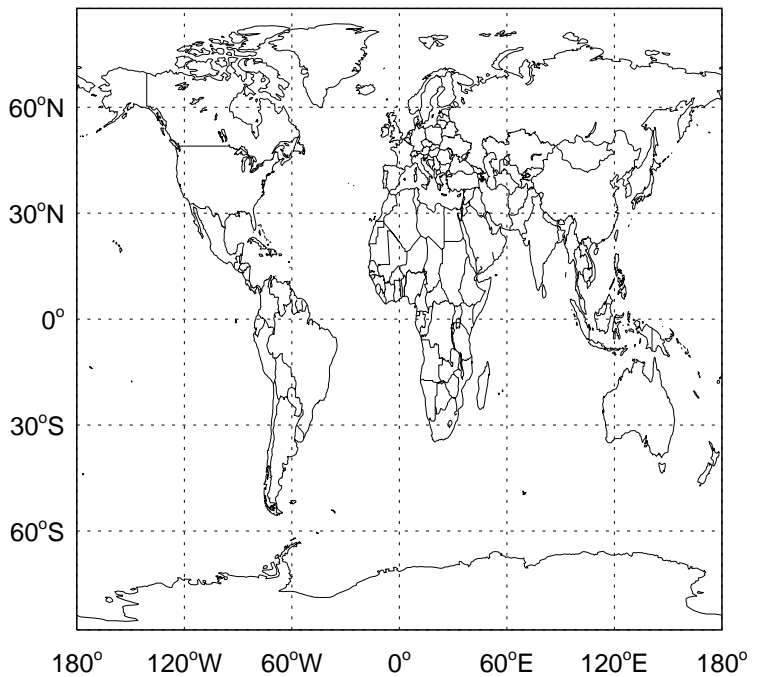
v11-02f-Run0 - v11-02e-Run1  
PROPNN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
PROPNN - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
PROPNN- Diff @ 500 hPa for Oct

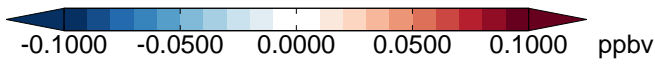
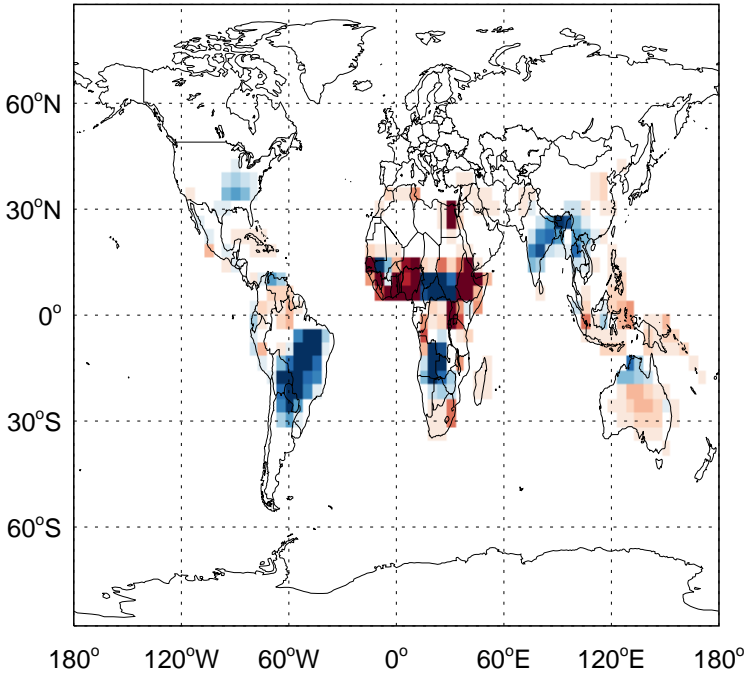




# GEOS-Chem Difference Maps at surface and 500 hPa

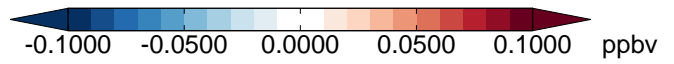
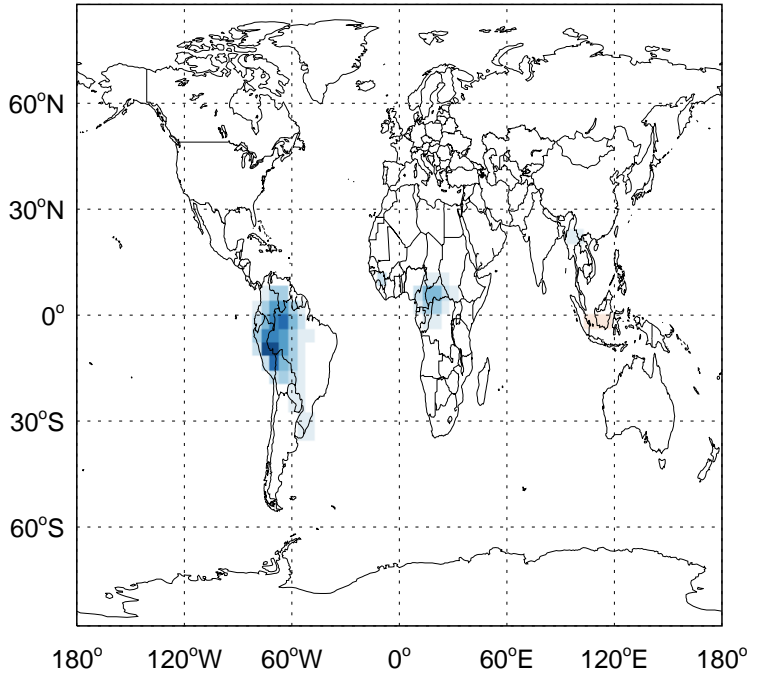
v11-02f-Run0 - v11-02e-Run1

HAC - Diff @ Surface for Oct



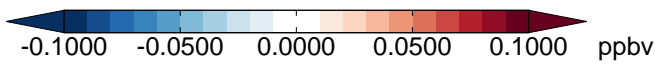
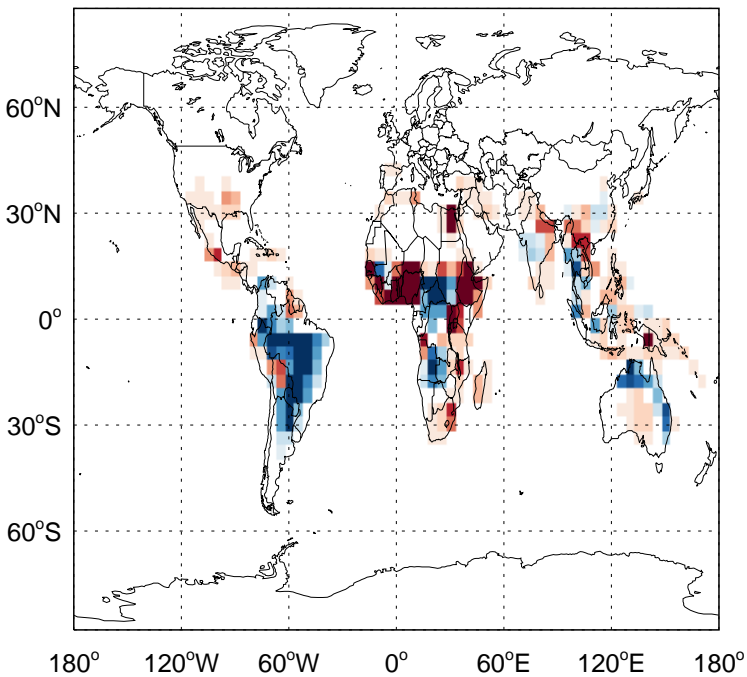
v11-02f-Run0 - v11-02e-Run1

HAC- Diff @ 500 hPa for Oct



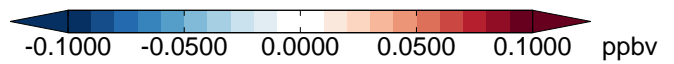
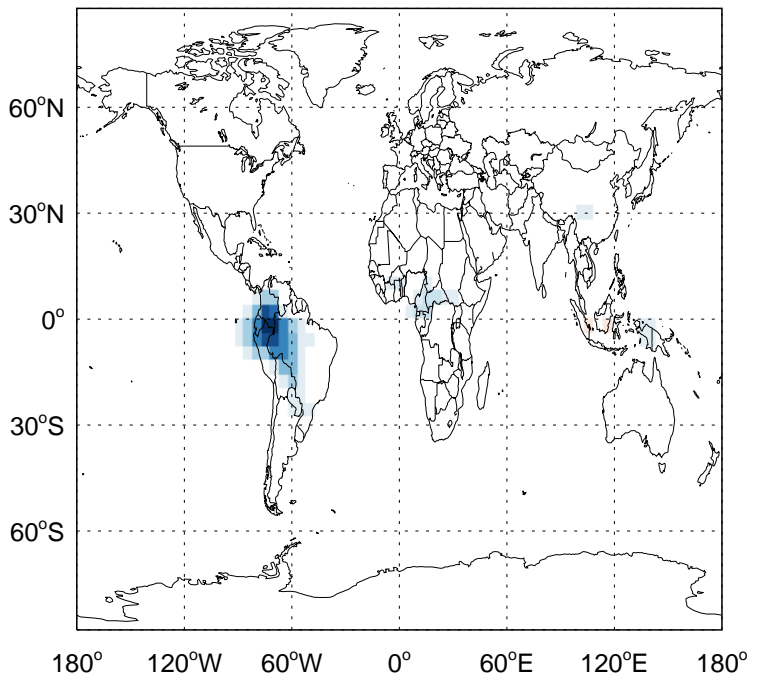
v11-02f-Run0 - v11-02e-Run0

HAC - Diff @ Surface for Oct



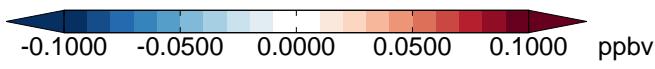
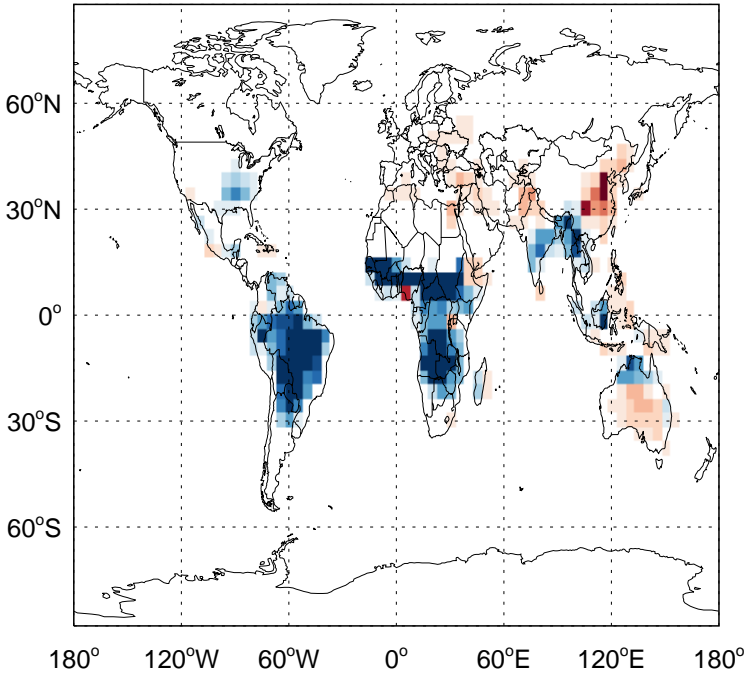
v11-02f-Run0 - v11-02e-Run0

HAC- Diff @ 500 hPa for Oct

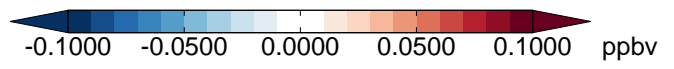
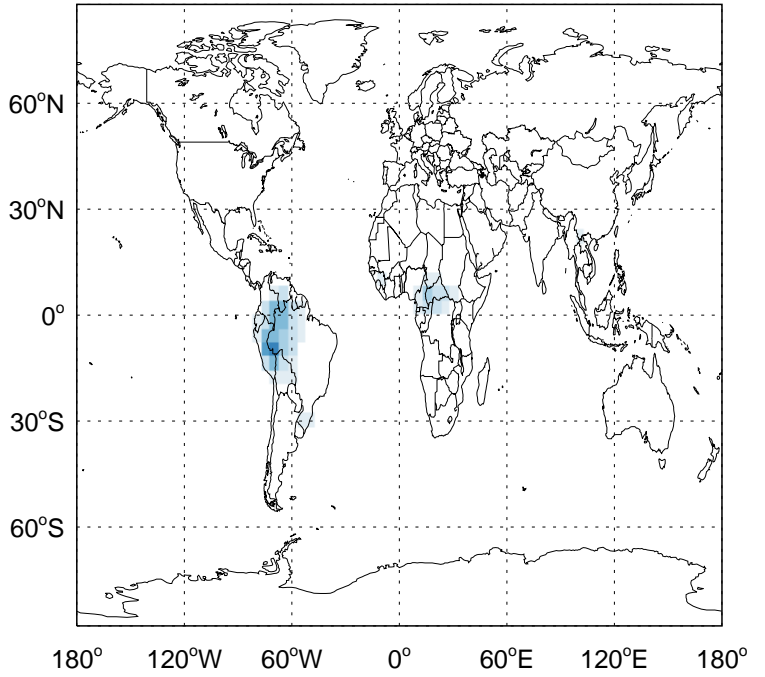


# GEOS-Chem Difference Maps at surface and 500 hPa

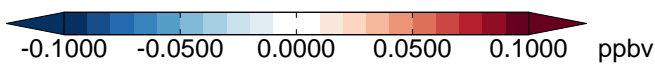
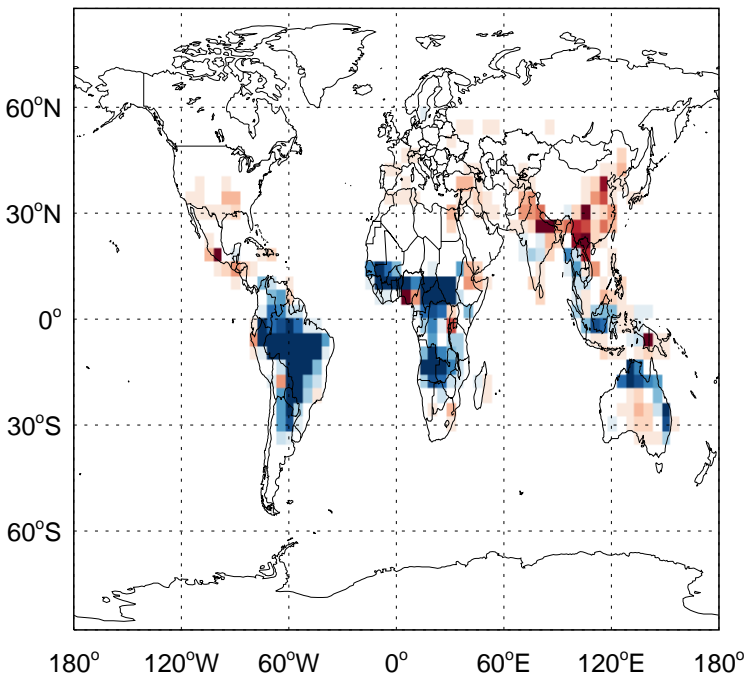
v11-02f-Run0 - v11-02e-Run1  
GLYC - Diff @ Surface for Oct



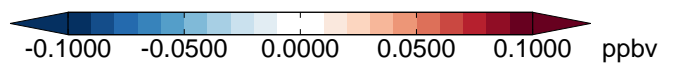
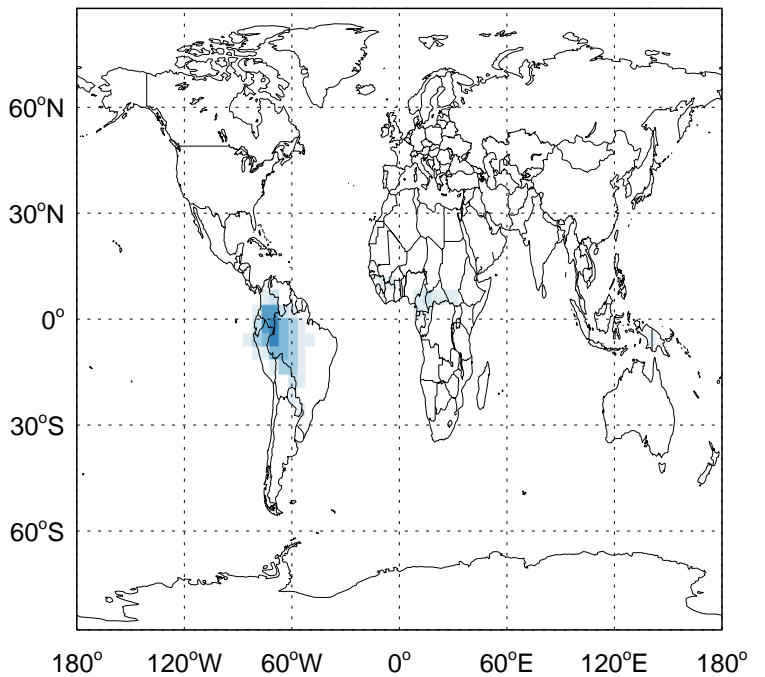
v11-02f-Run0 - v11-02e-Run1  
GLYC- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
GLYC - Diff @ Surface for Oct

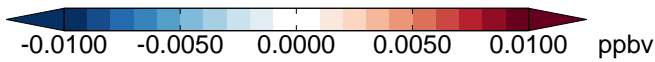
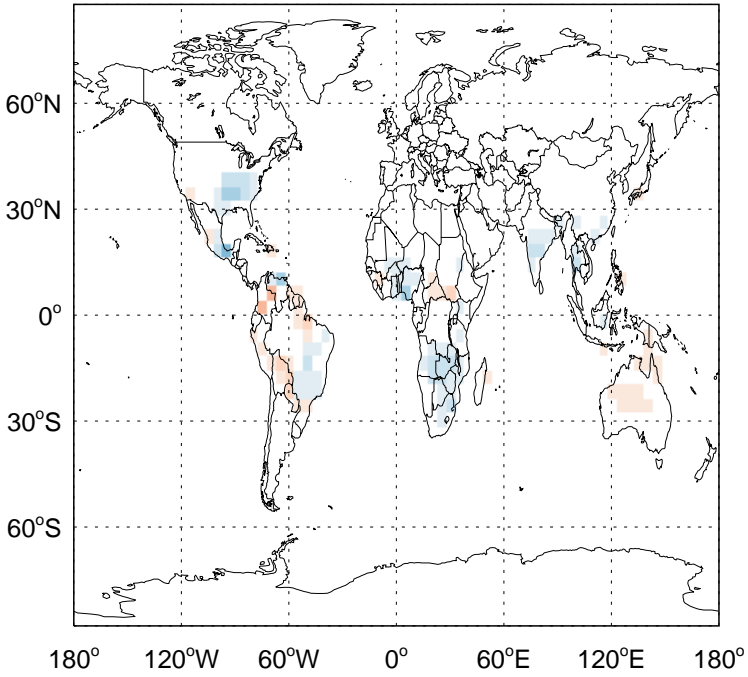


v11-02f-Run0 - v11-02e-Run0  
GLYC- Diff @ 500 hPa for Oct

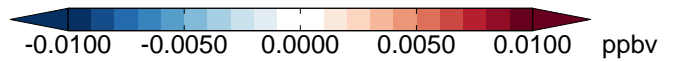


# GEOS-Chem Difference Maps at surface and 500 hPa

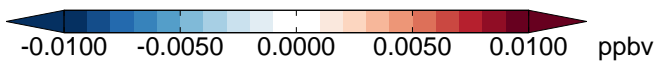
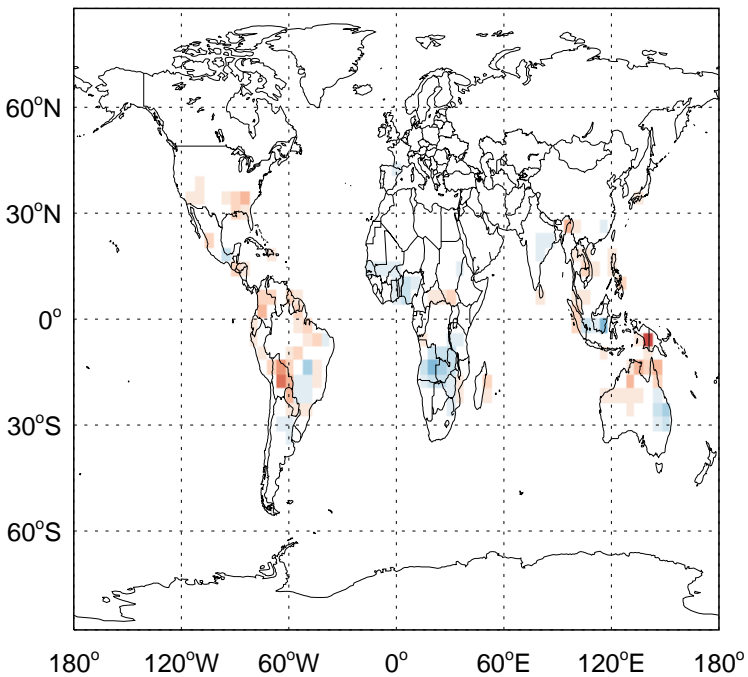
v11-02f-Run0 - v11-02e-Run1  
MVKN - Diff @ Surface for Oct



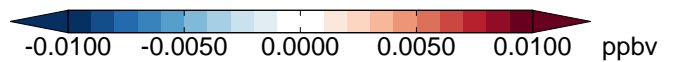
v11-02f-Run0 - v11-02e-Run1  
MVKN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MVKN - Diff @ Surface for Oct

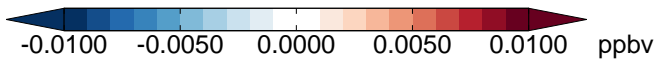
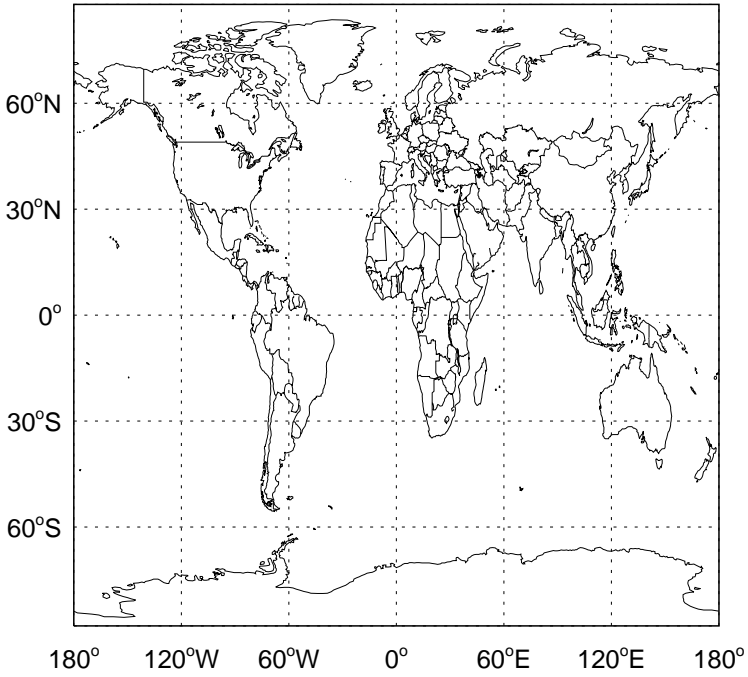


v11-02f-Run0 - v11-02e-Run0  
MVKN- Diff @ 500 hPa for Oct

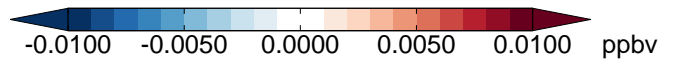


# GEOS-Chem Difference Maps at surface and 500 hPa

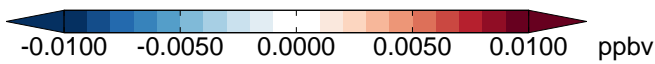
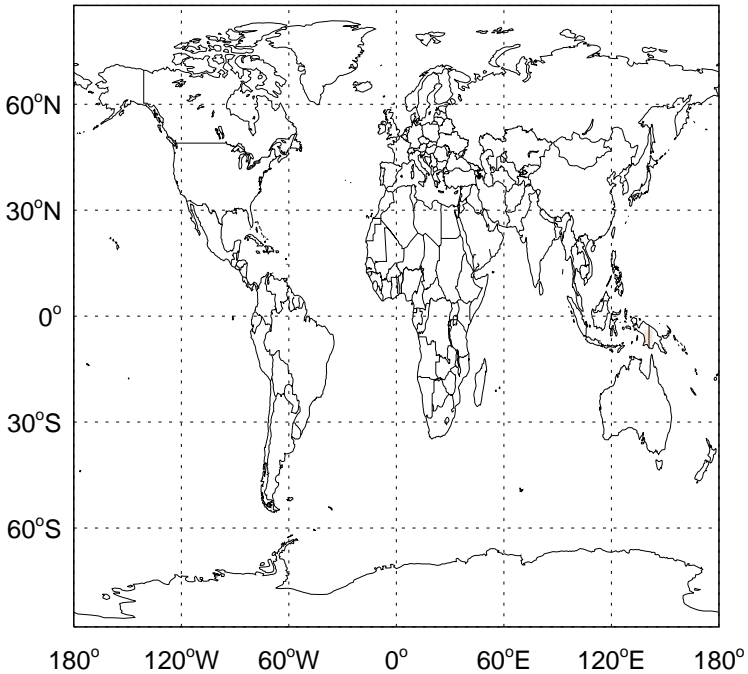
v11-02f-Run0 - v11-02e-Run1  
MACRN - Diff @ Surface for Oct



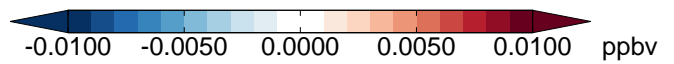
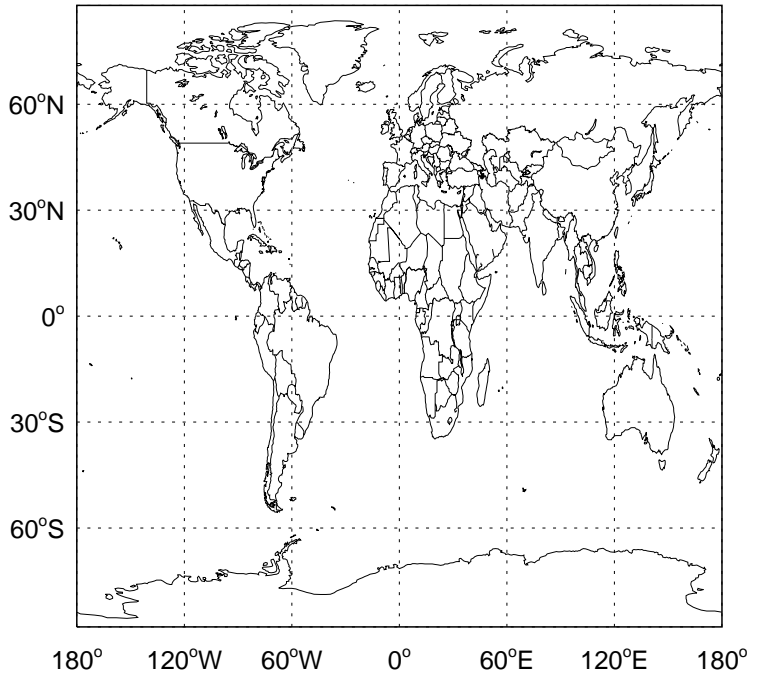
v11-02f-Run0 - v11-02e-Run1  
MACRN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MACRN - Diff @ Surface for Oct



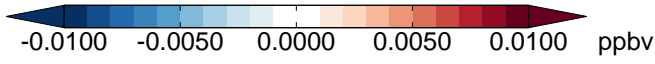
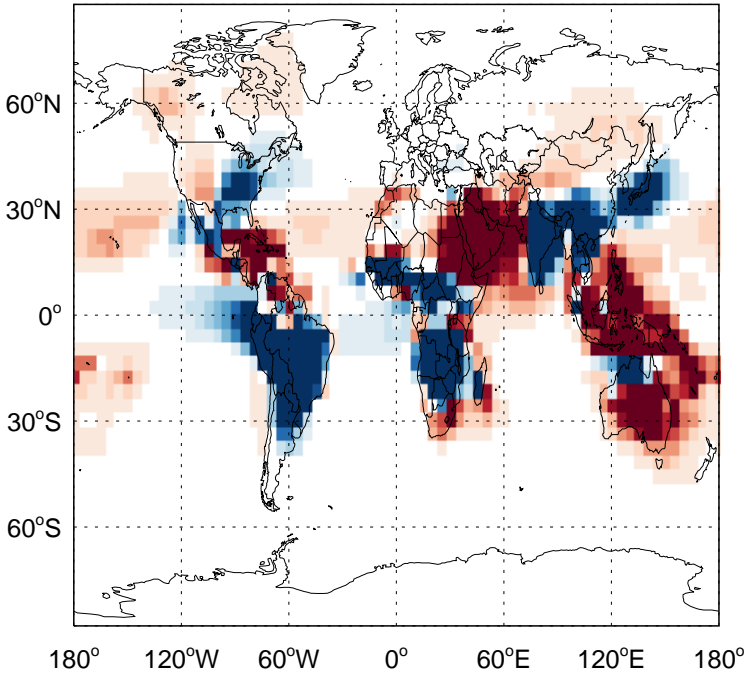
v11-02f-Run0 - v11-02e-Run0  
MACRN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

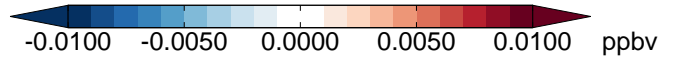
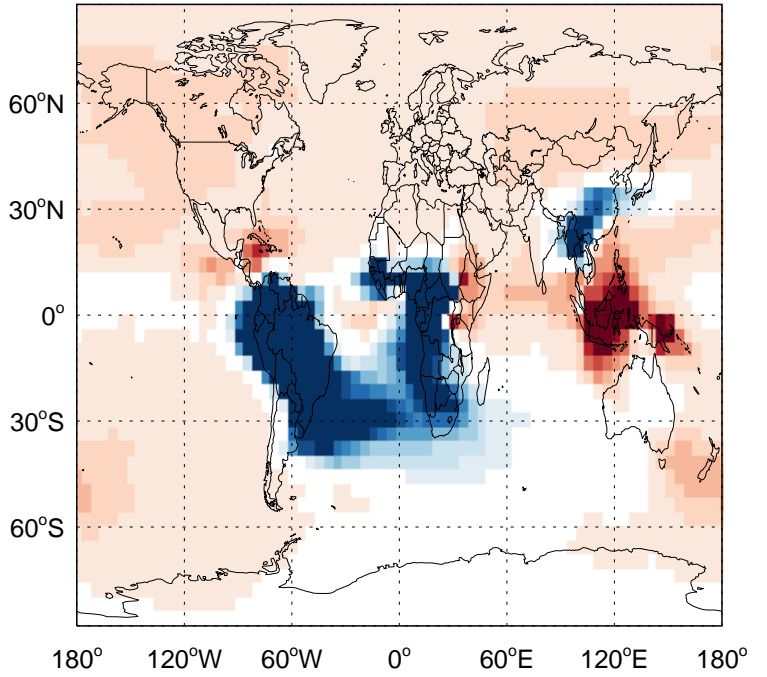
v11-02f-Run0 - v11-02e-Run1

MAP - Diff @ Surface for Oct



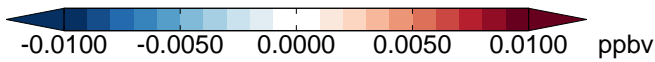
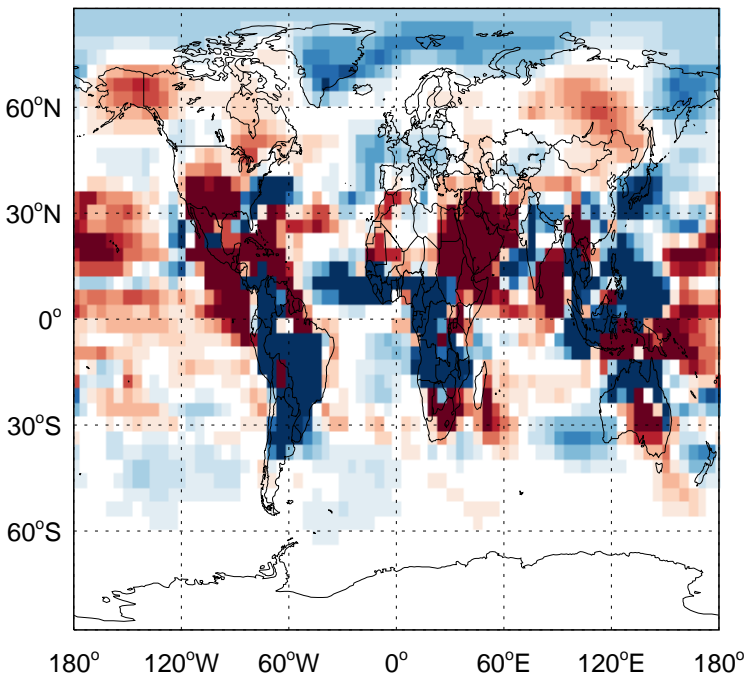
v11-02f-Run0 - v11-02e-Run1

MAP- Diff @ 500 hPa for Oct



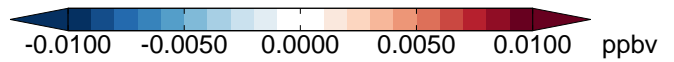
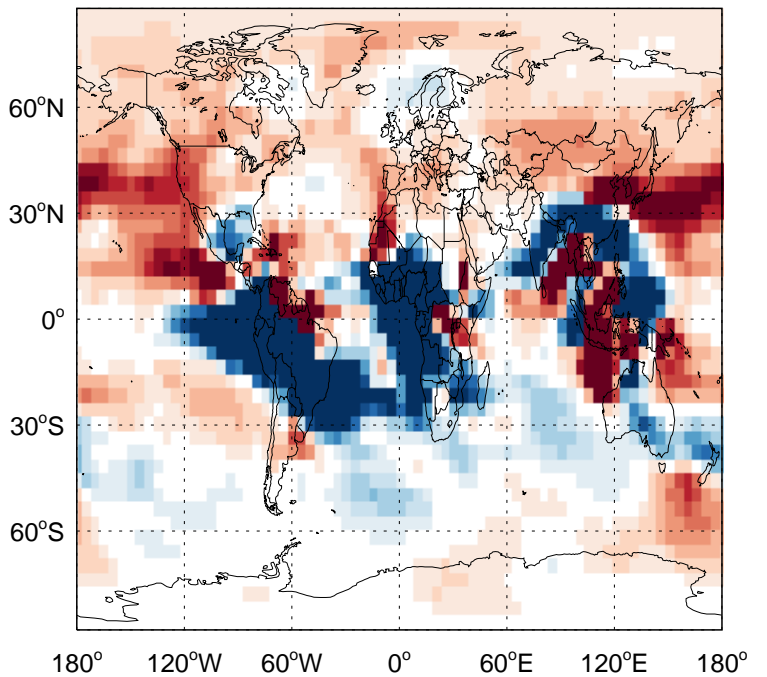
v11-02f-Run0 - v11-02e-Run0

MAP - Diff @ Surface for Oct



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

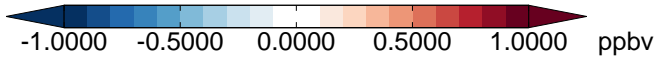
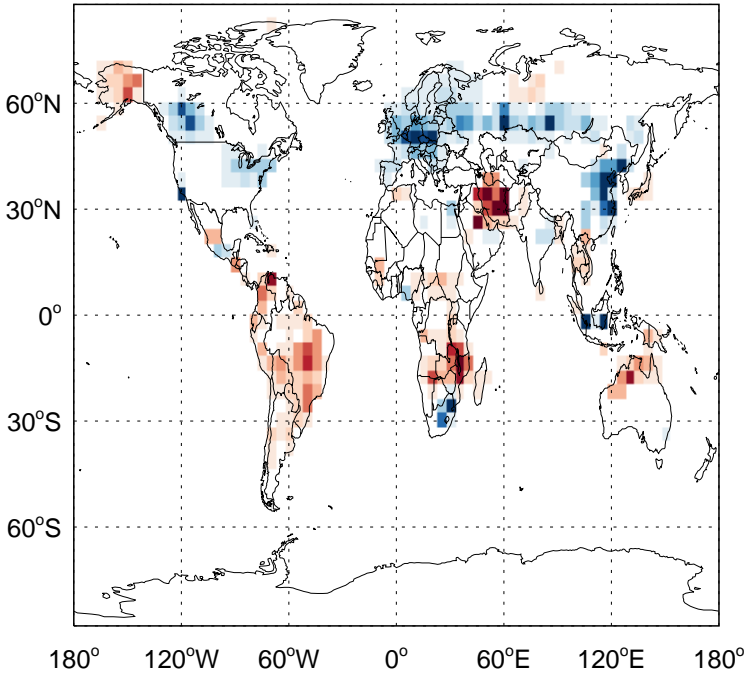
MAP- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

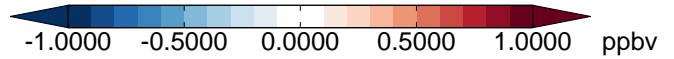
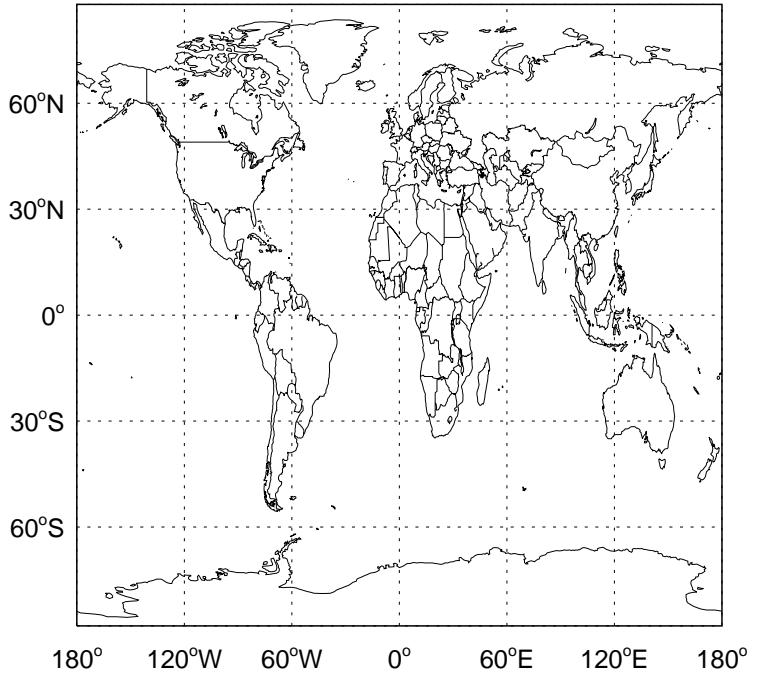
v11-02f-Run0 - v11-02e-Run1

NO<sub>2</sub> - Diff @ Surface for Oct



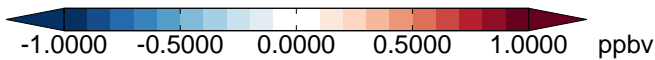
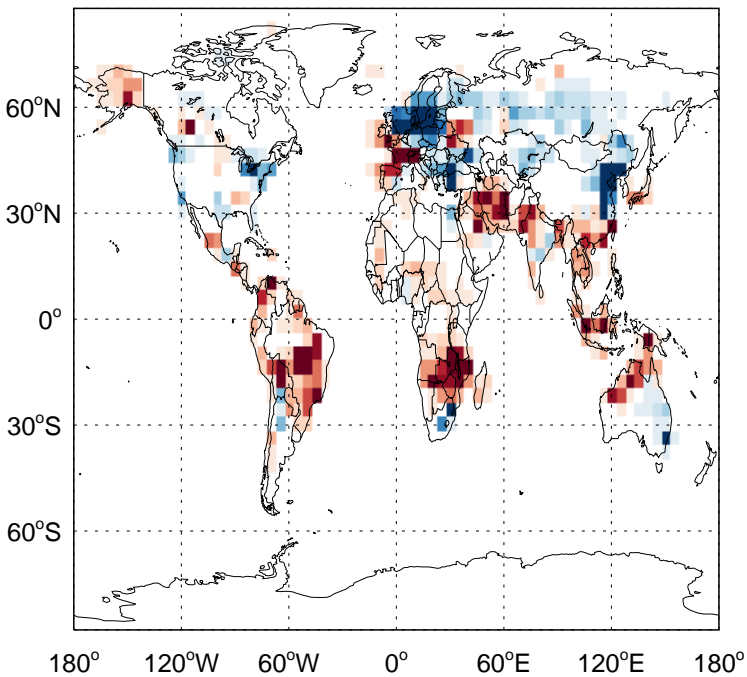
v11-02f-Run0 - v11-02e-Run1

NO<sub>2</sub> - Diff @ 500 hPa for Oct



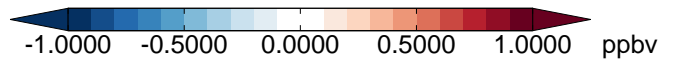
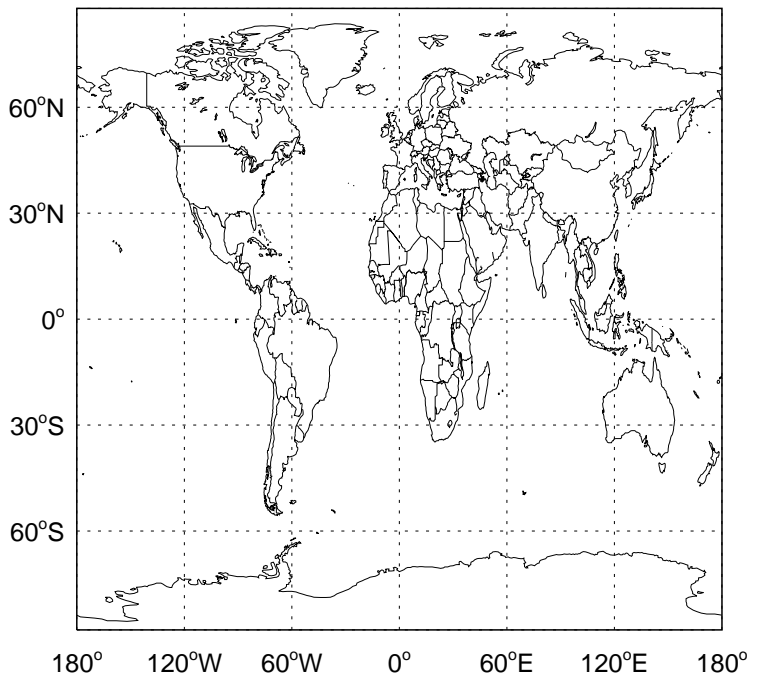
v11-02f-Run0 - v11-02e-Run0

NO<sub>2</sub> - Diff @ Surface for Oct



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

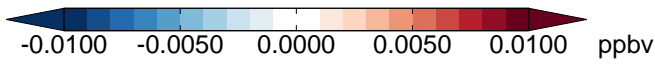
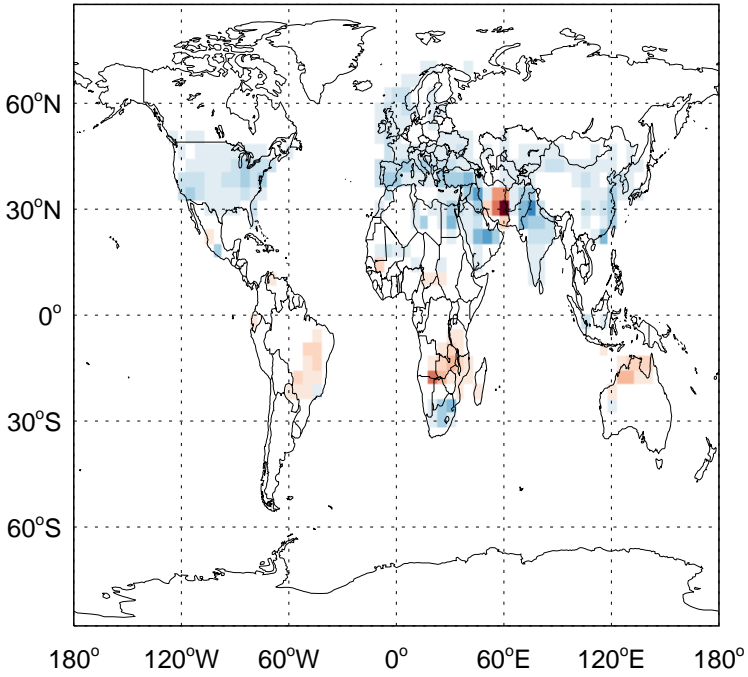
NO<sub>2</sub> - Diff @ 500 hPa for Oct



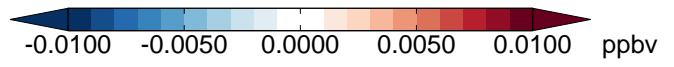
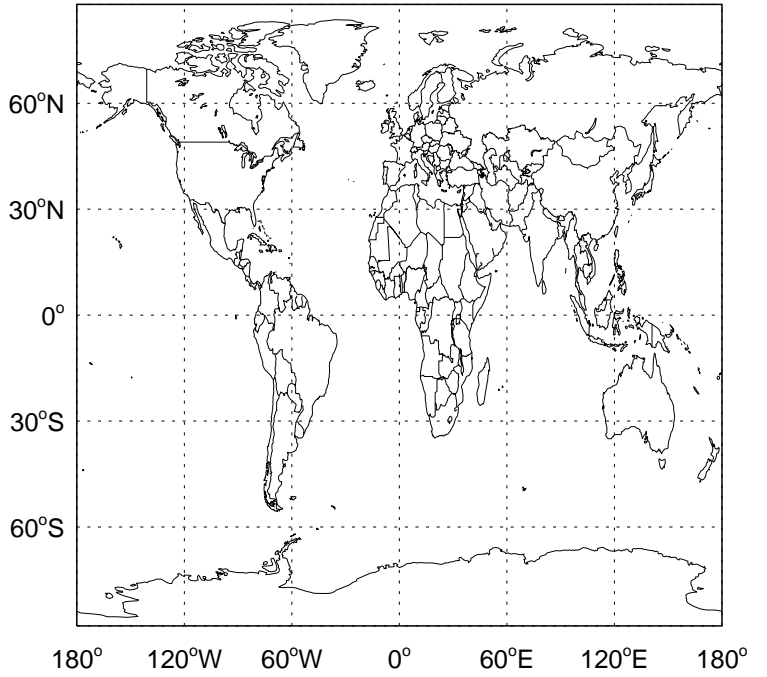


# GEOS-Chem Difference Maps at surface and 500 hPa

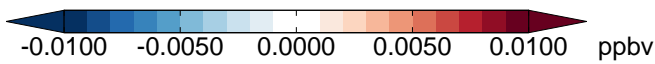
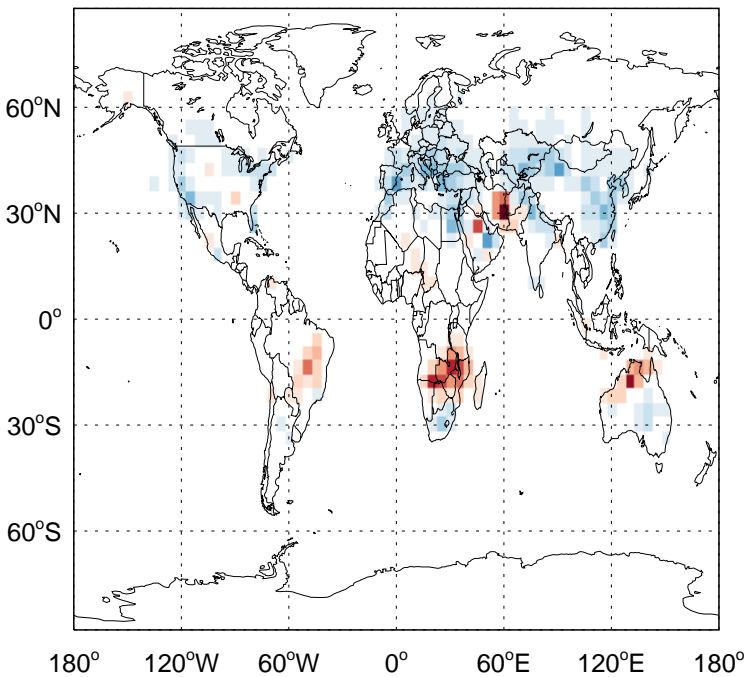
v11-02f-Run0 - v11-02e-Run1  
NO<sub>3</sub> - Diff @ Surface for Oct



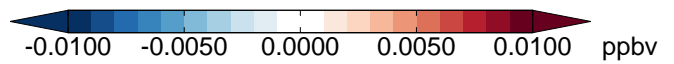
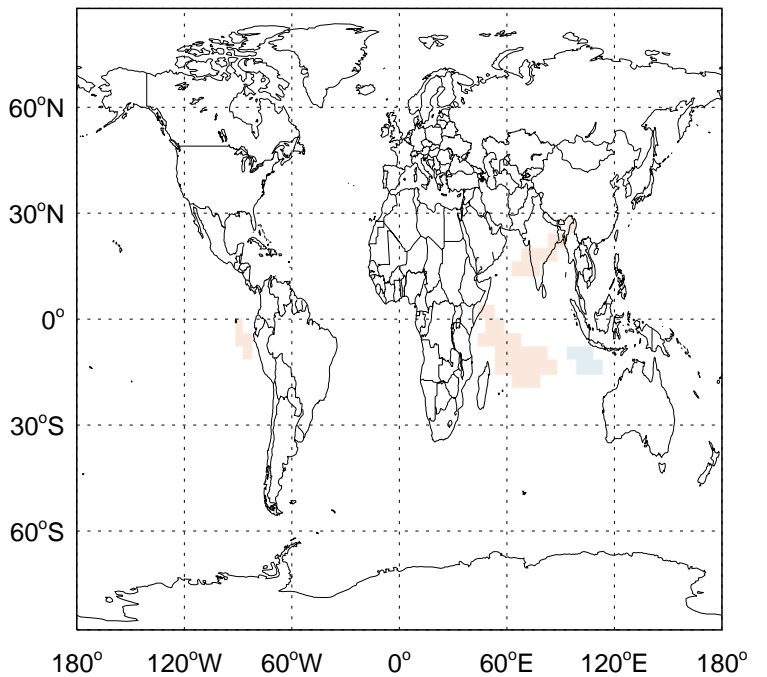
v11-02f-Run0 - v11-02e-Run1  
NO<sub>3</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
NO<sub>3</sub> - Diff @ Surface for Oct

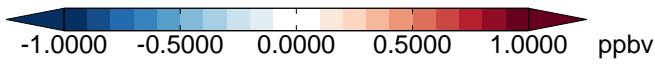
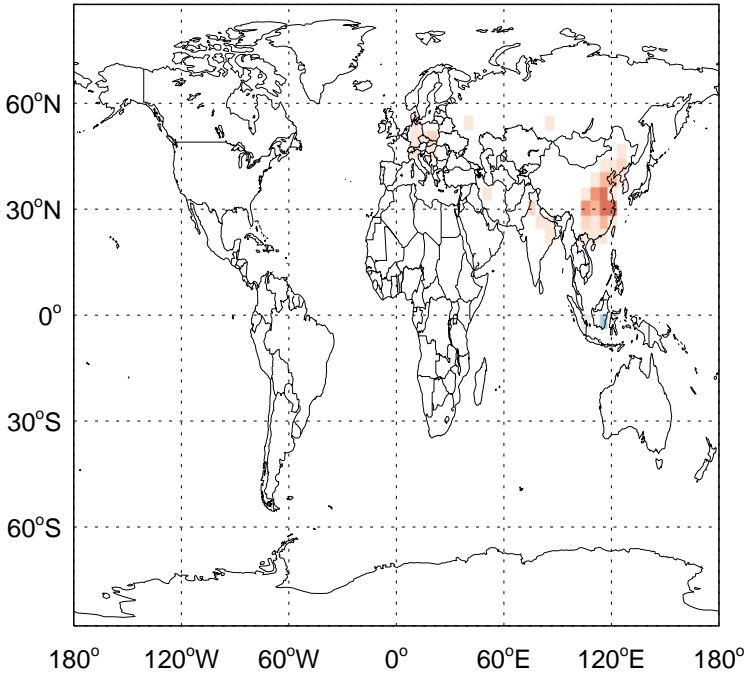


v11-02f-Run0 - v11-02e-Run0  
NO<sub>3</sub> - Diff @ 500 hPa for Oct

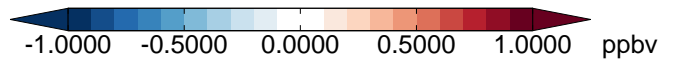
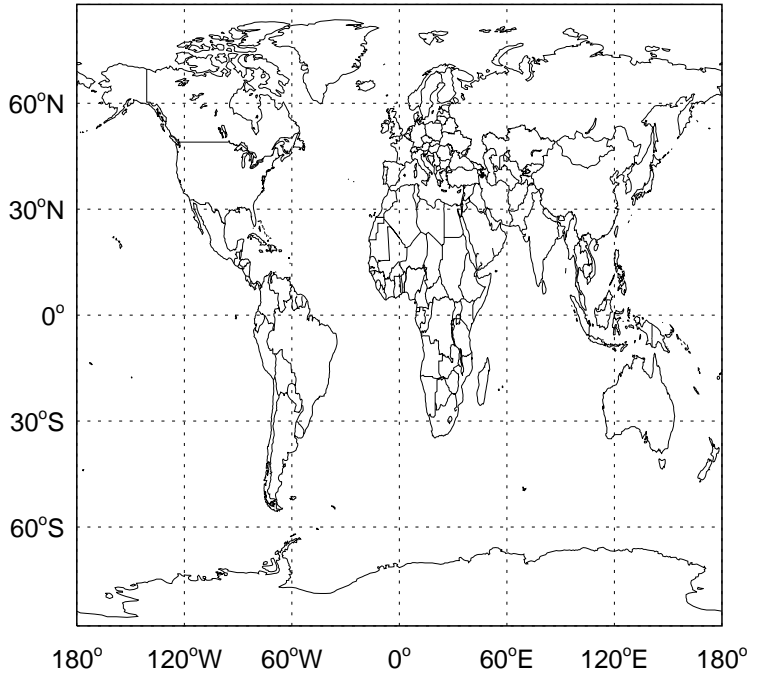


# GEOS-Chem Difference Maps at surface and 500 hPa

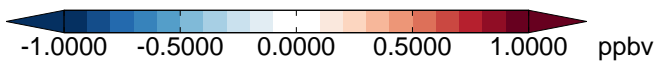
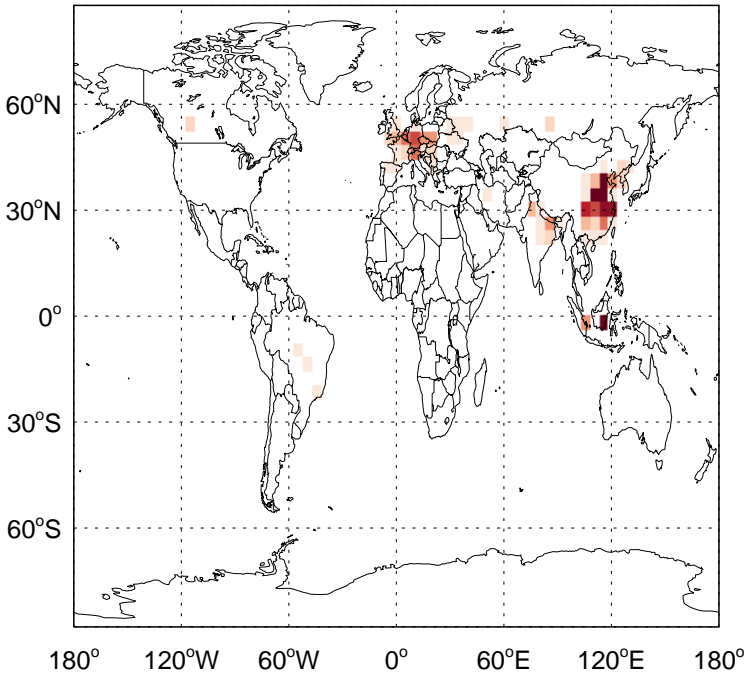
v11-02f-Run0 - v11-02e-Run1  
HNO<sub>2</sub> - Diff @ Surface for Oct



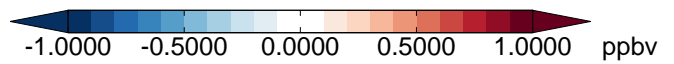
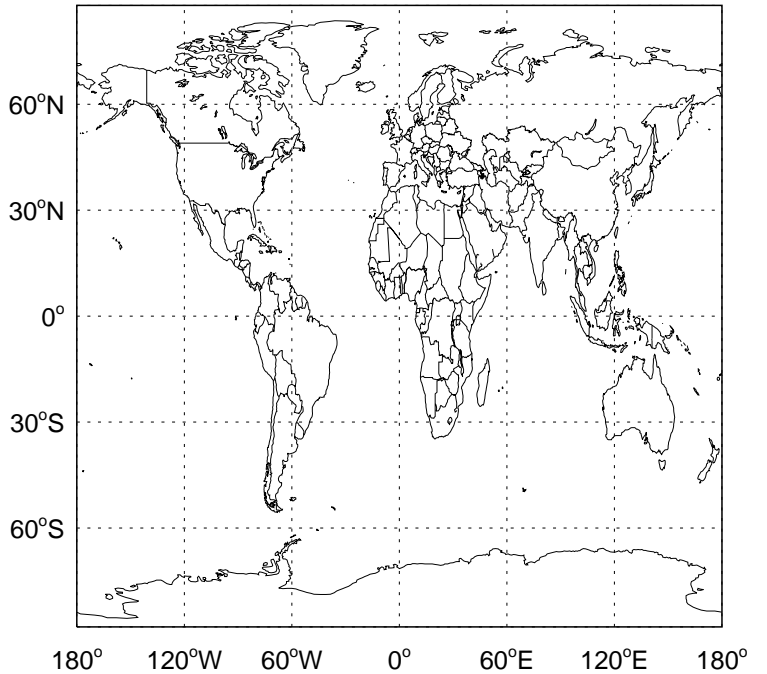
v11-02f-Run0 - v11-02e-Run1  
HNO<sub>2</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HNO<sub>2</sub> - Diff @ Surface for Oct

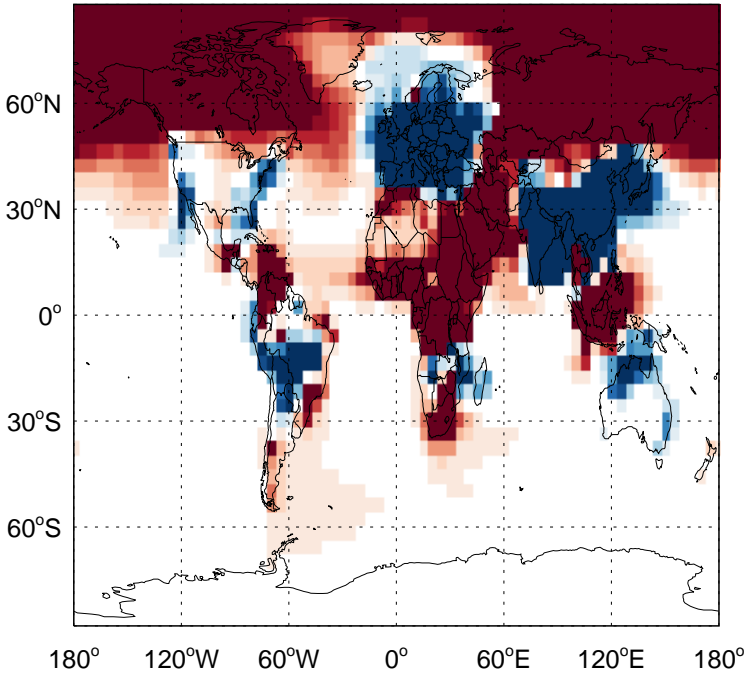


v11-02f-Run0 - v11-02e-Run0  
HNO<sub>2</sub> - Diff @ 500 hPa for Oct

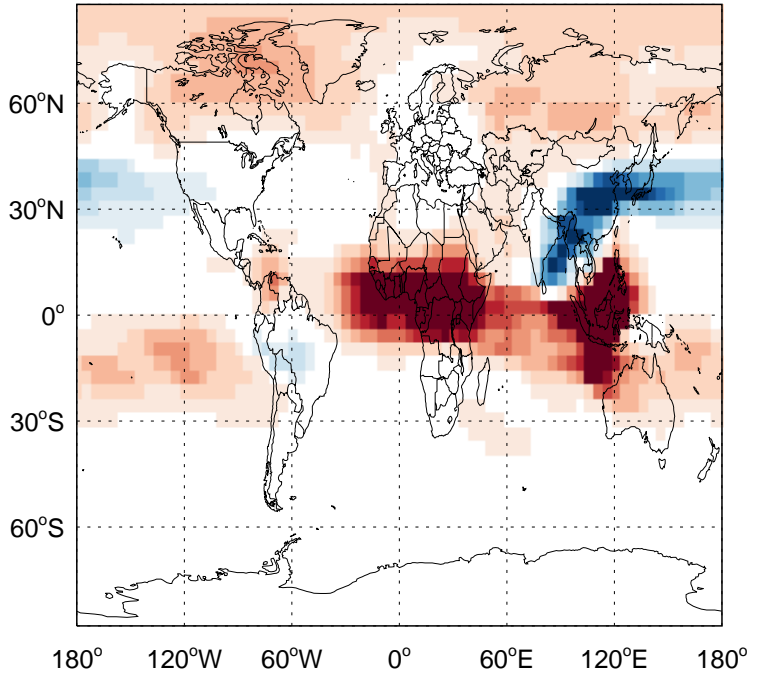


# GEOS-Chem Difference Maps at surface and 500 hPa

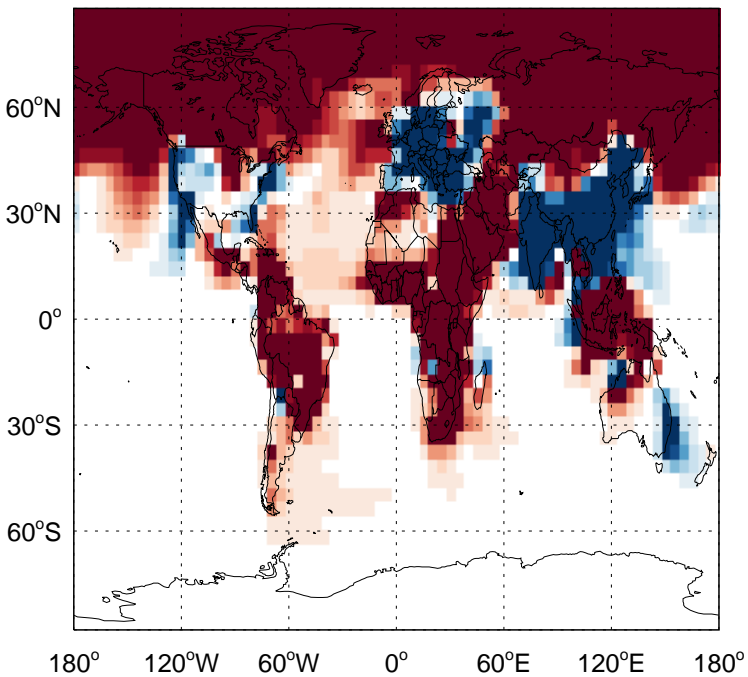
v11-02f-Run0 - v11-02e-Run1  
BENZ - Diff @ Surface for Oct



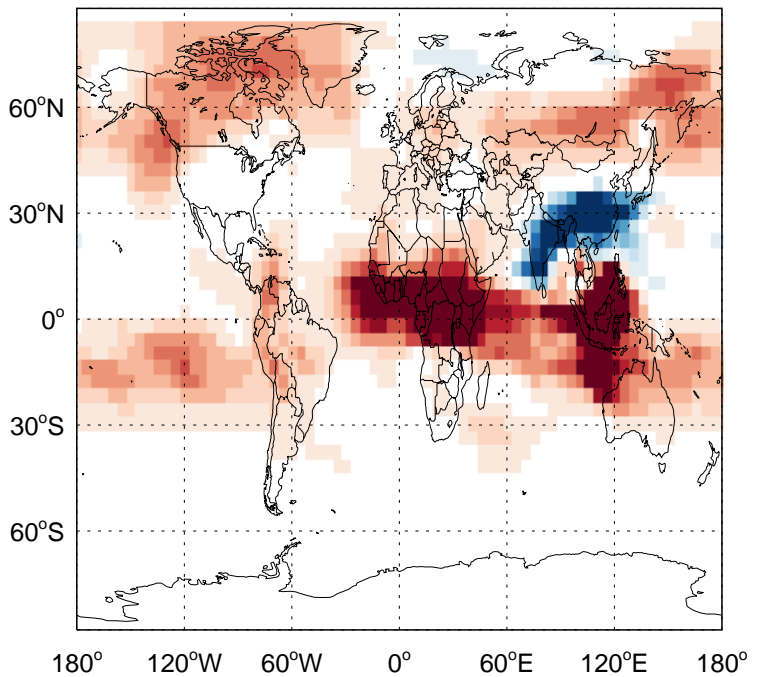
v11-02f-Run0 - v11-02e-Run1  
BENZ- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
BENZ - Diff @ Surface for Oct

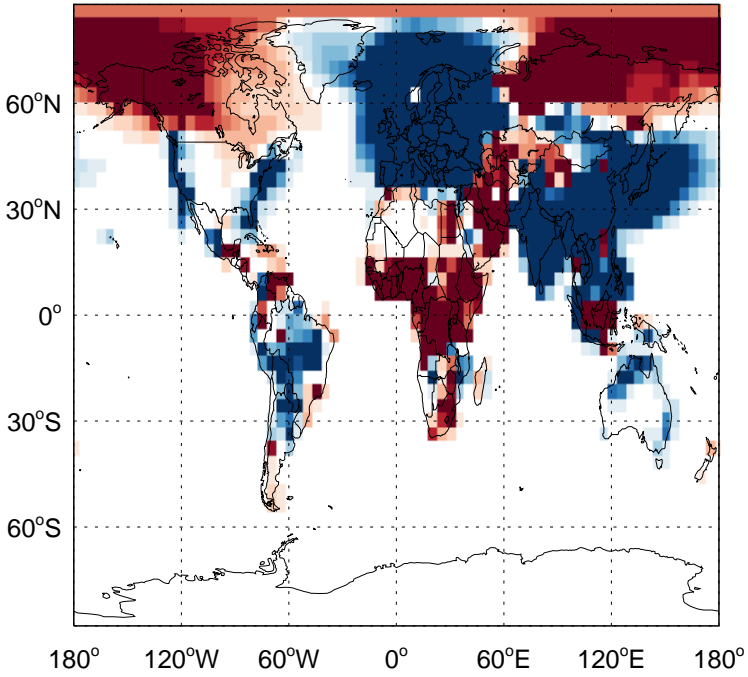


v11-02f-Run0 - v11-02e-Run0  
BENZ- Diff @ 500 hPa for Oct

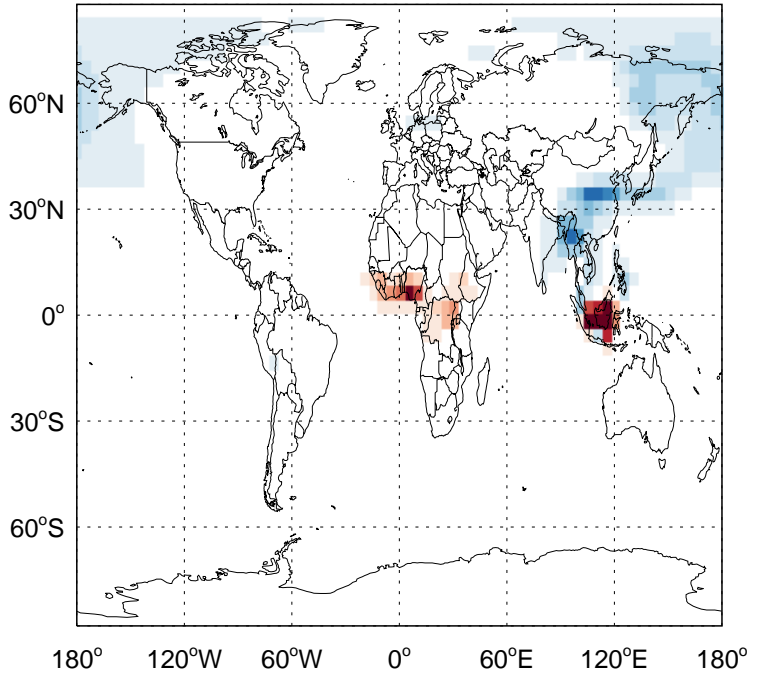


# GEOS-Chem Difference Maps at surface and 500 hPa

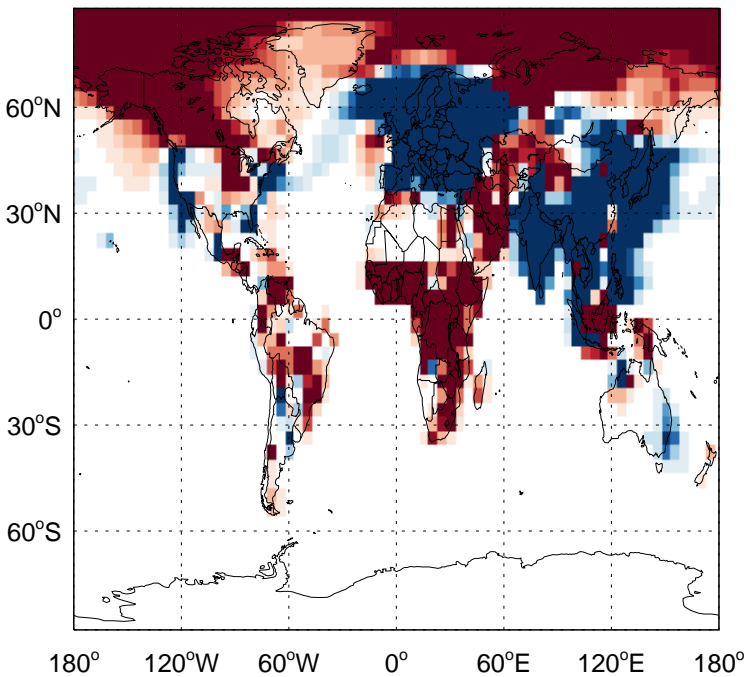
v11-02f-Run0 - v11-02e-Run1  
TOLU - Diff @ Surface for Oct



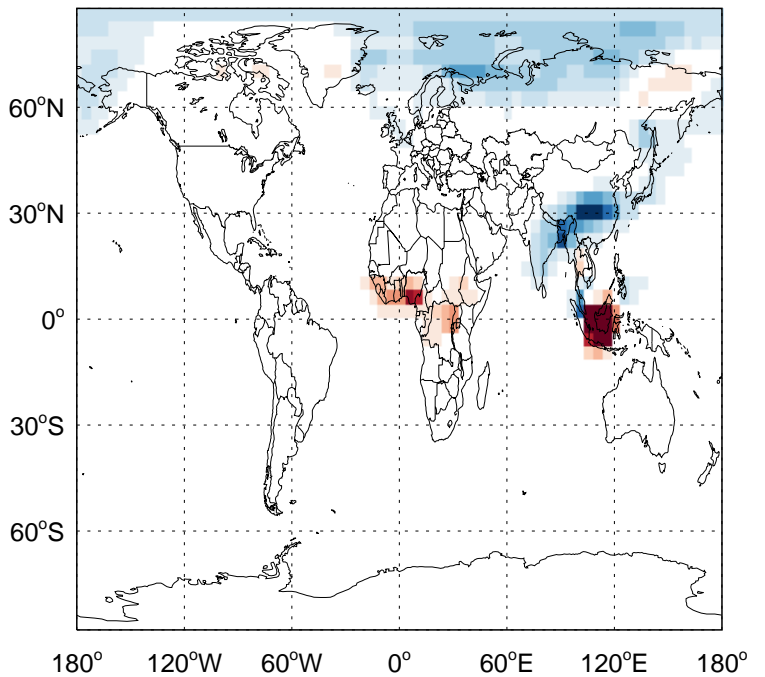
v11-02f-Run0 - v11-02e-Run1  
TOLU- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TOLU - Diff @ Surface for Oct

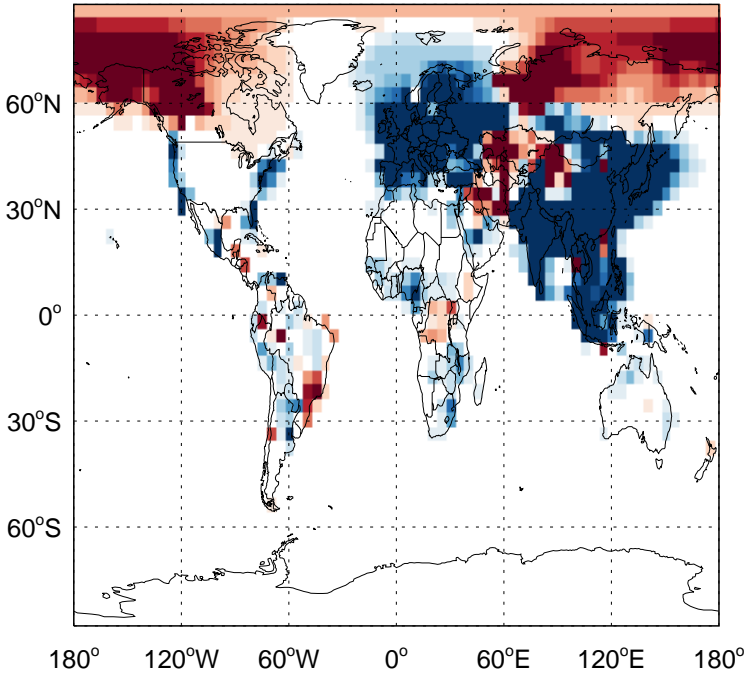


v11-02f-Run0 - v11-02e-Run0  
TOLU- Diff @ 500 hPa for Oct

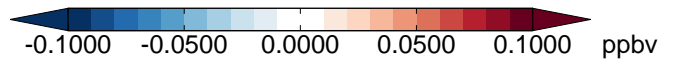
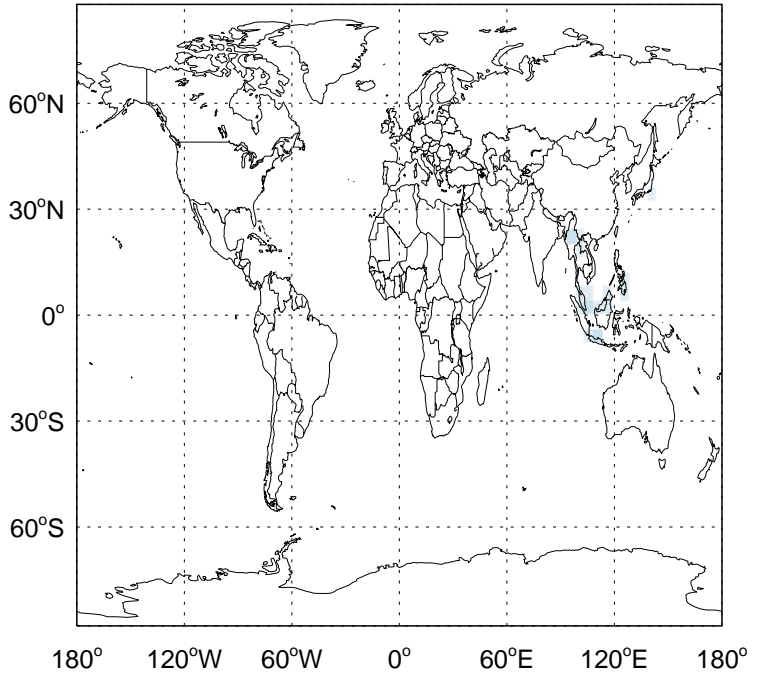


# GEOS-Chem Difference Maps at surface and 500 hPa

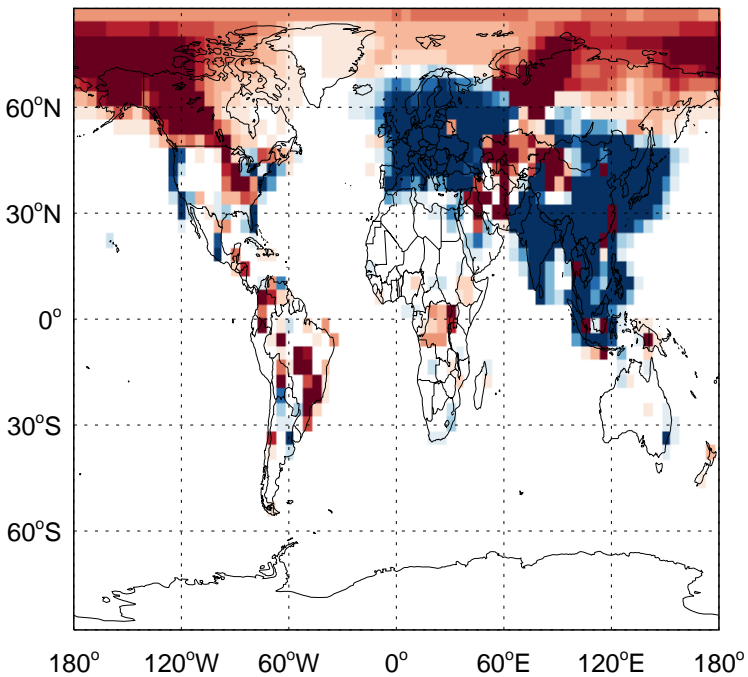
v11-02f-Run0 - v11-02e-Run1  
XYLE - Diff @ Surface for Oct



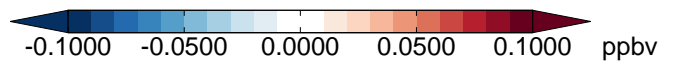
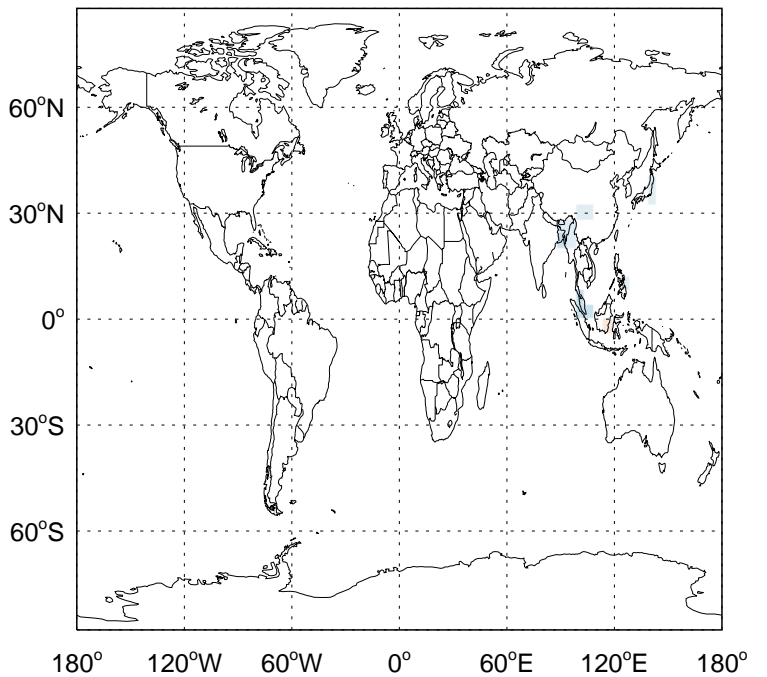
v11-02f-Run0 - v11-02e-Run1  
XYLE- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
XYLE - Diff @ Surface for Oct

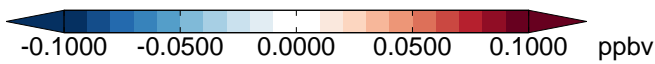
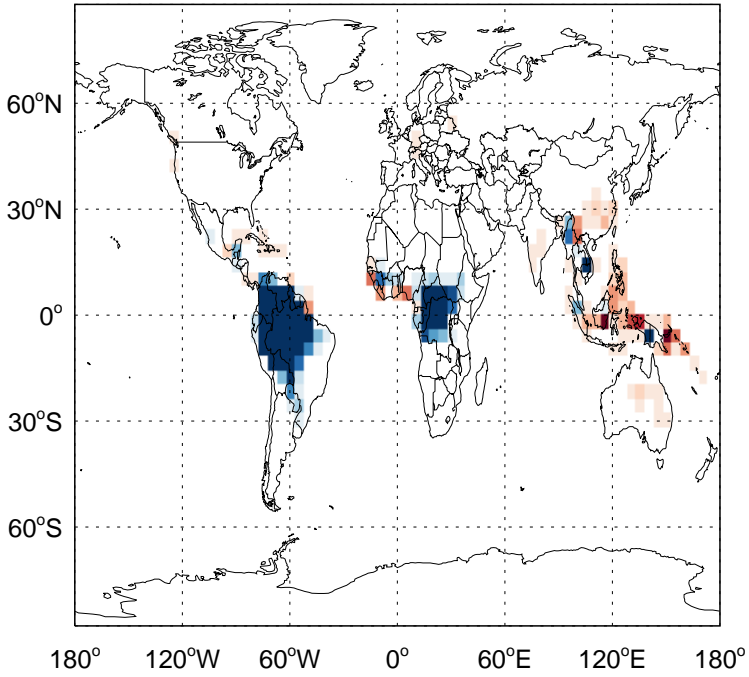


v11-02f-Run0 - v11-02e-Run0  
XYLE- Diff @ 500 hPa for Oct

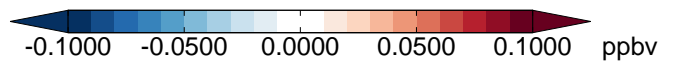


# GEOS-Chem Difference Maps at surface and 500 hPa

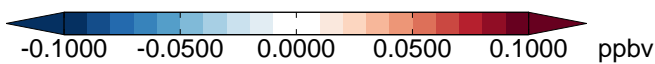
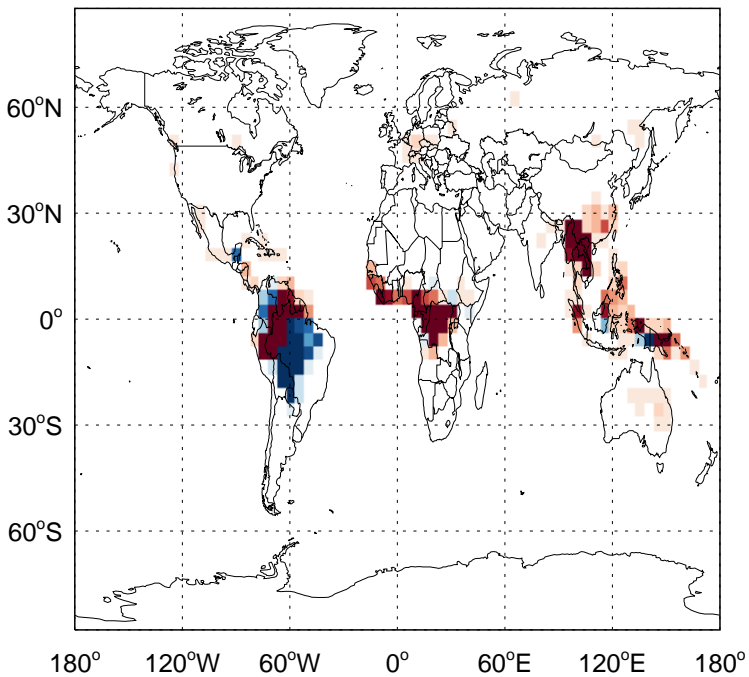
v11-02f-Run0 - v11-02e-Run1  
MTPA - Diff @ Surface for Oct



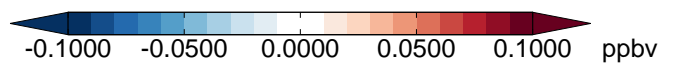
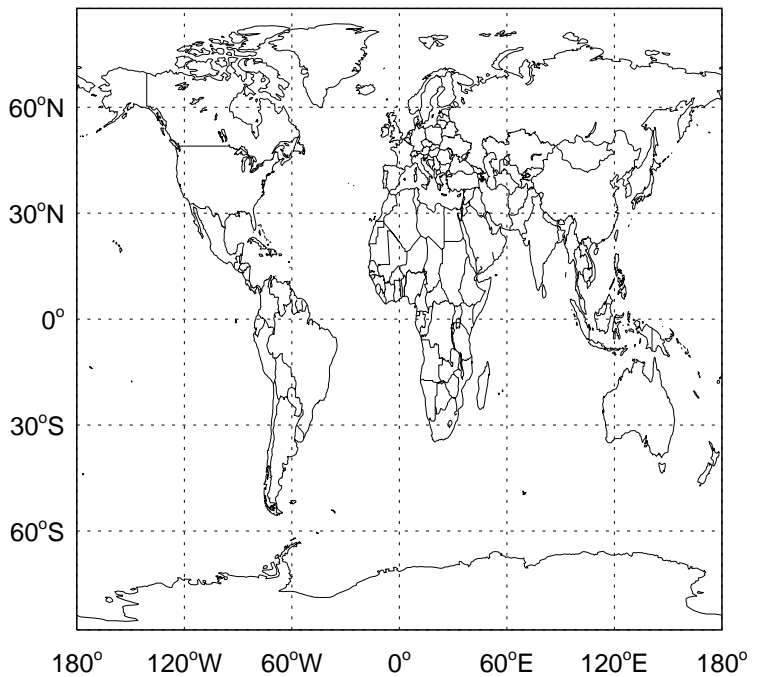
v11-02f-Run0 - v11-02e-Run1  
MTPA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MTPA - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
MTPA- Diff @ 500 hPa for Oct

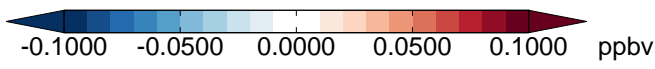
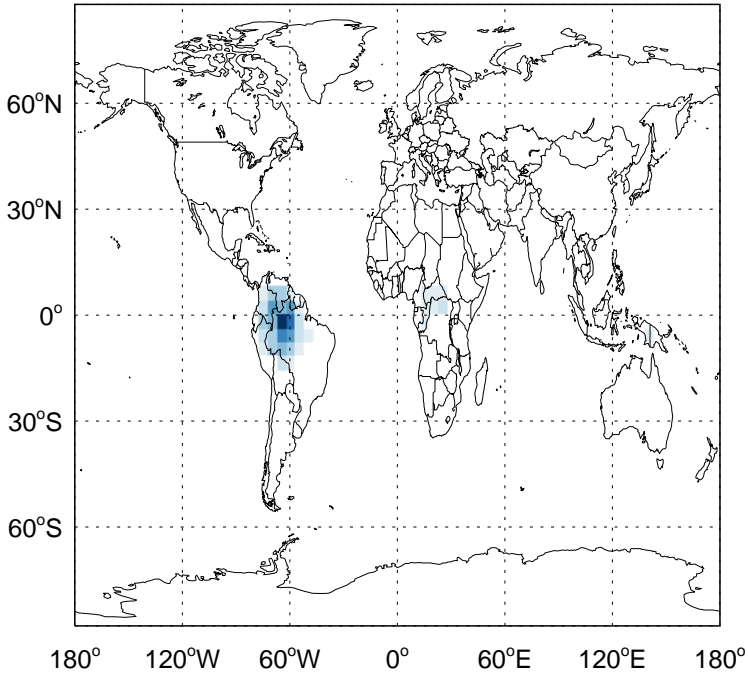




# GEOS-Chem Difference Maps at surface and 500 hPa

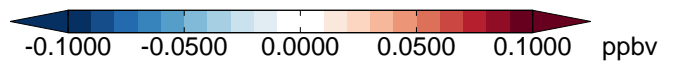
v11-02f-Run0 - v11-02e-Run1

LIMO - Diff @ Surface for Oct



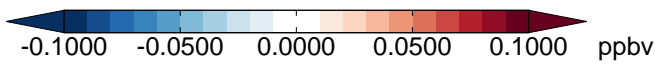
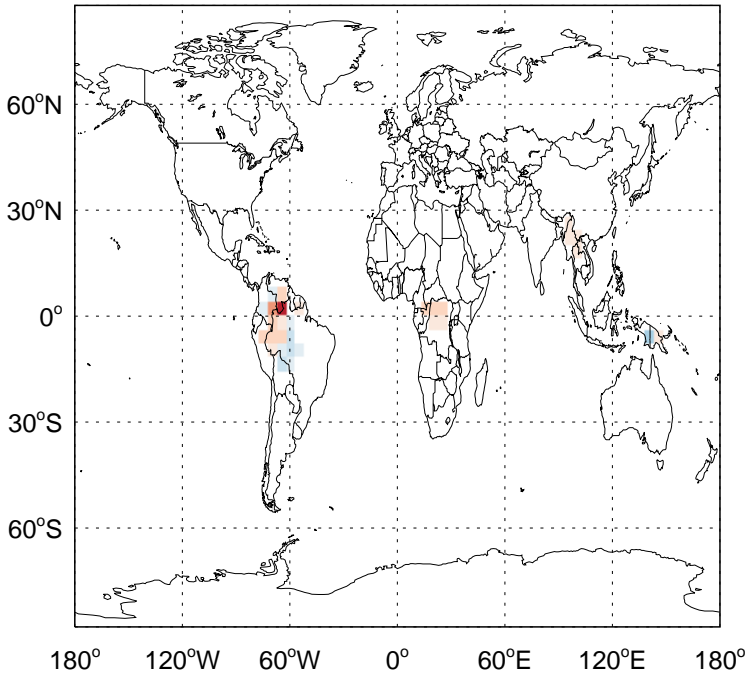
v11-02f-Run0 - v11-02e-Run1

LIMO- Diff @ 500 hPa for Oct



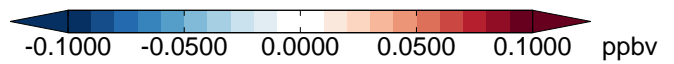
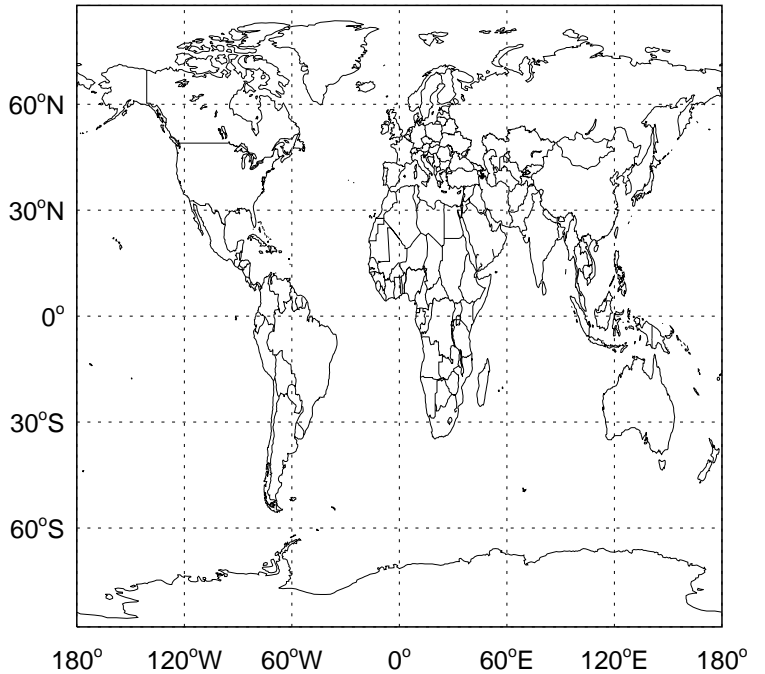
v11-02f-Run0 - v11-02e-Run0

LIMO - Diff @ Surface for Oct



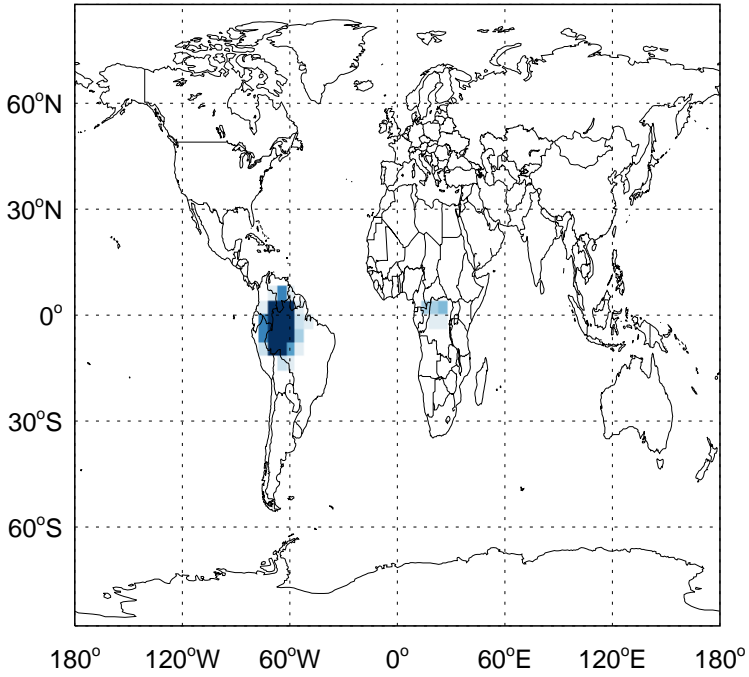
v11-02f-Run0 - v11-02e-Run0

LIMO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

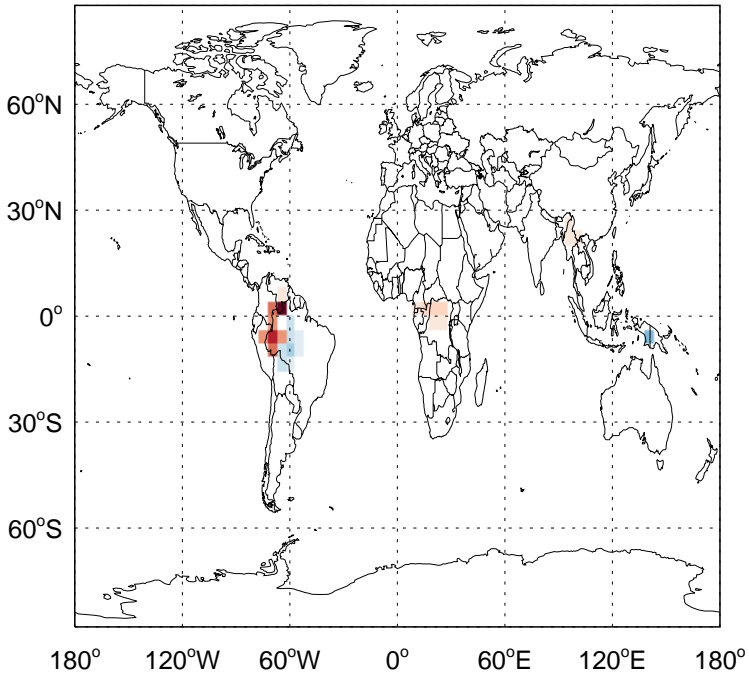
v11-02f-Run0 - v11-02e-Run1  
MTPO - Diff @ Surface for Oct



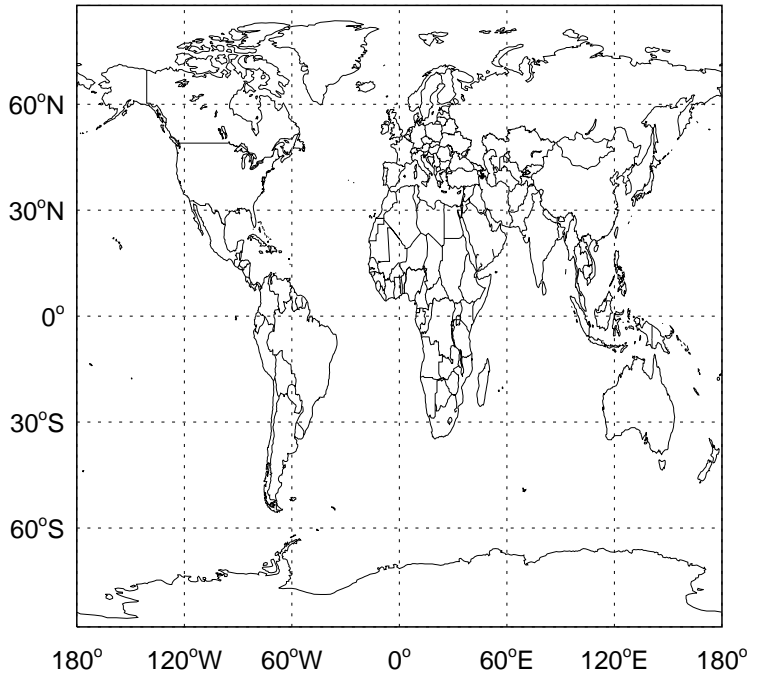
v11-02f-Run0 - v11-02e-Run1  
MTPO- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MTPO - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
MTPO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

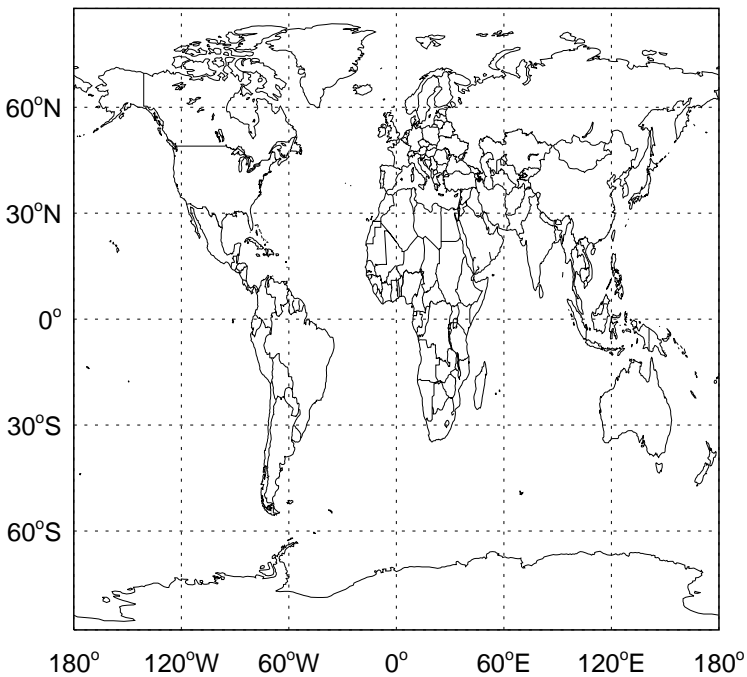
v11-02f-Run0 - v11-02e-Run1  
TSOG1 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
TSOG1- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOG1 - Diff @ Surface for Oct

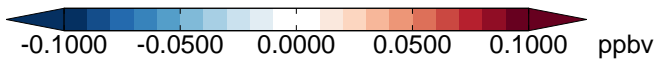
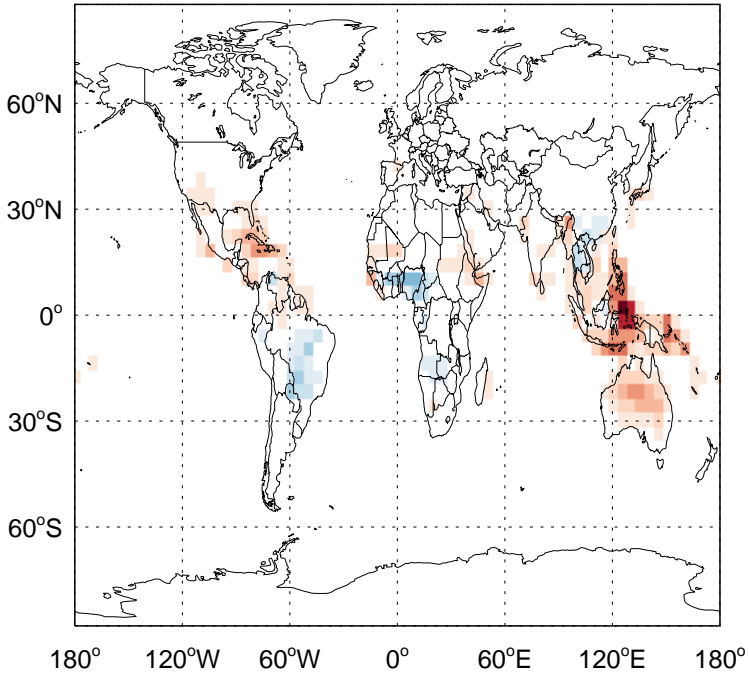


v11-02f-Run0 - v11-02e-Run0  
TSOG1- Diff @ 500 hPa for Oct

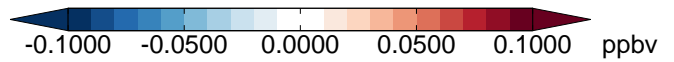
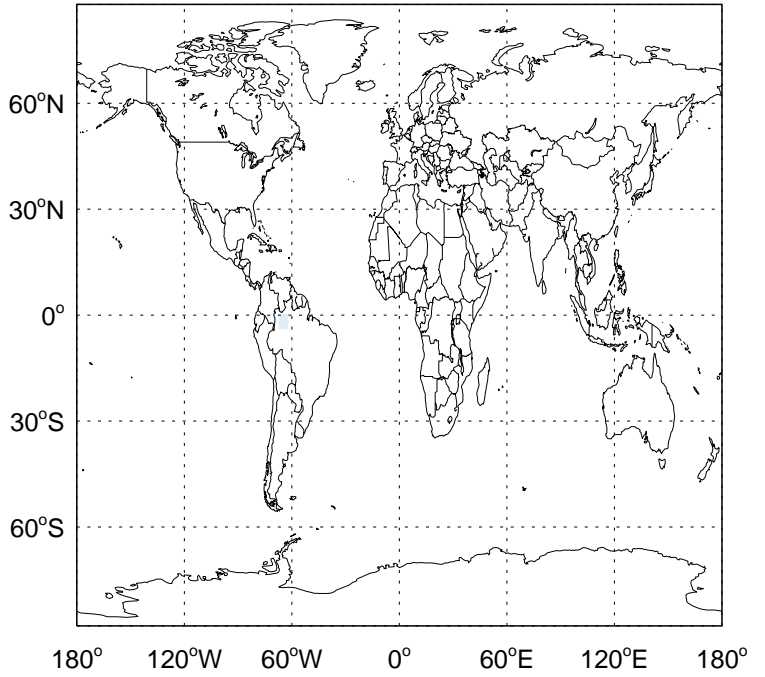


# GEOS-Chem Difference Maps at surface and 500 hPa

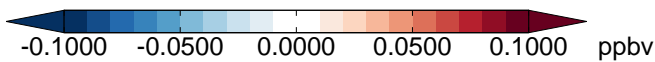
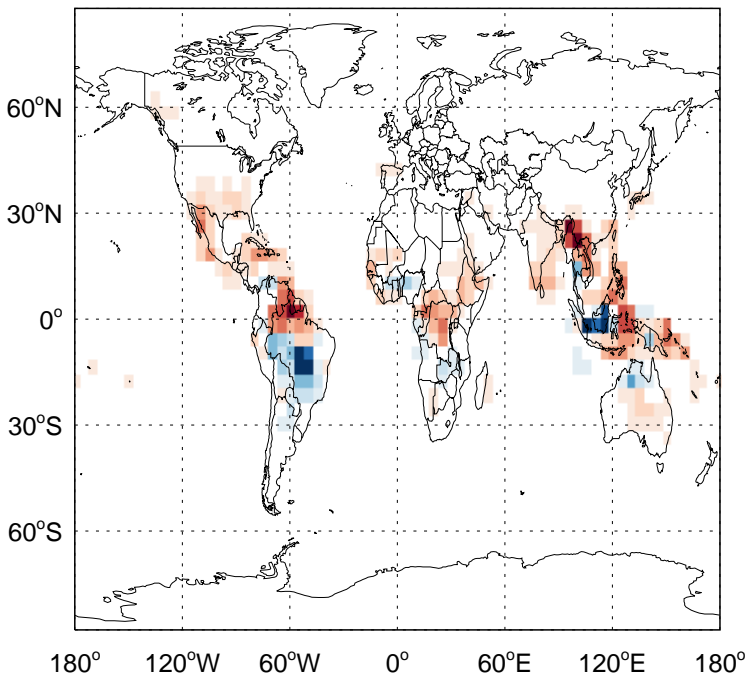
v11-02f-Run0 - v11-02e-Run1  
TSOG2 - Diff @ Surface for Oct



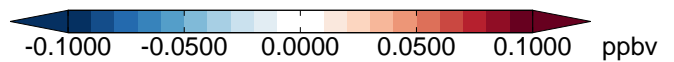
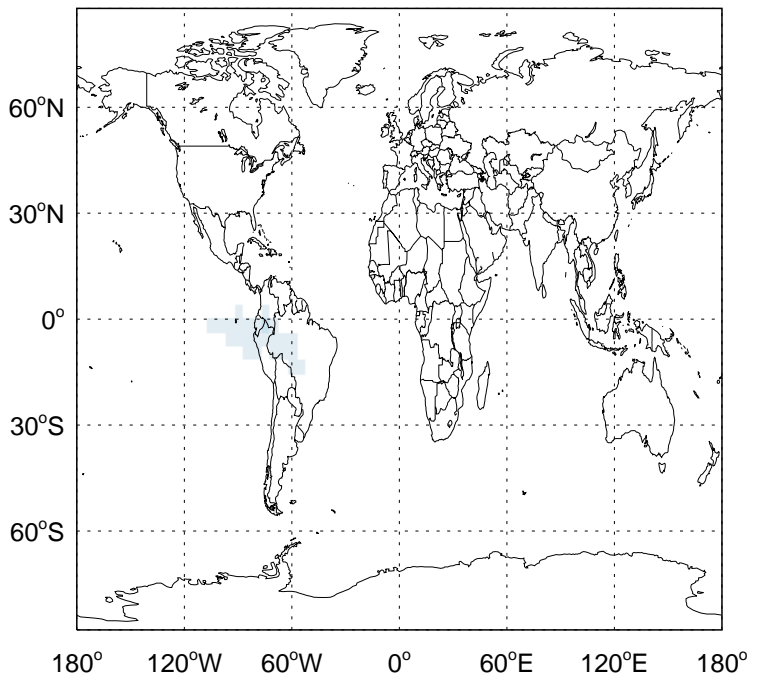
v11-02f-Run0 - v11-02e-Run1  
TSOG2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOG2 - Diff @ Surface for Oct

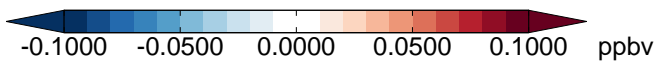
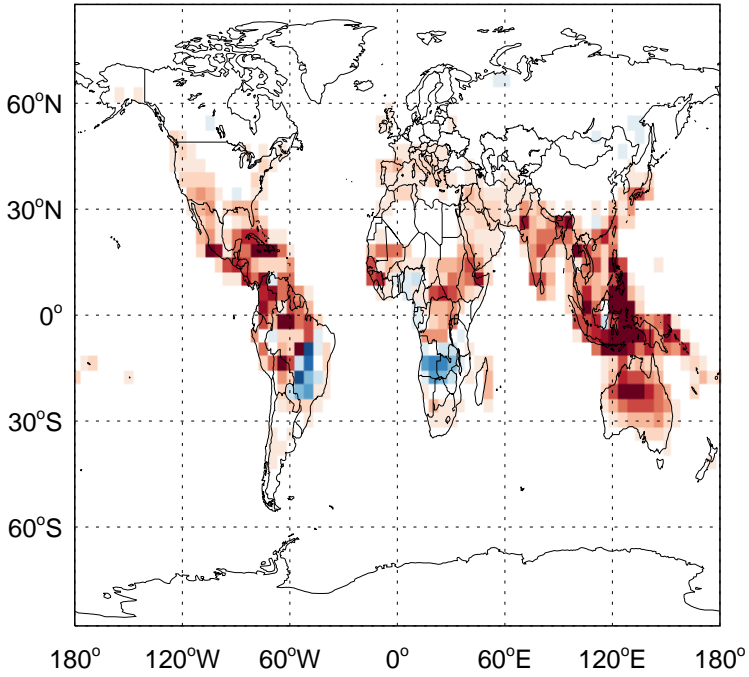


v11-02f-Run0 - v11-02e-Run0  
TSOG2- Diff @ 500 hPa for Oct

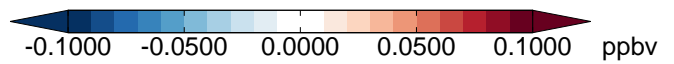


# GEOS-Chem Difference Maps at surface and 500 hPa

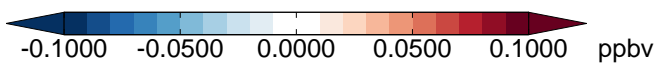
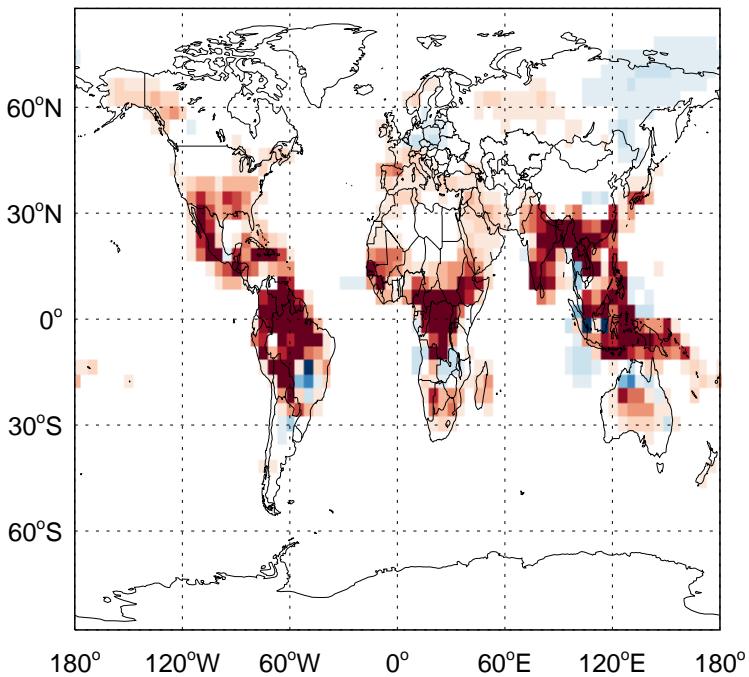
v11-02f-Run0 - v11-02e-Run1  
TSOG3 - Diff @ Surface for Oct



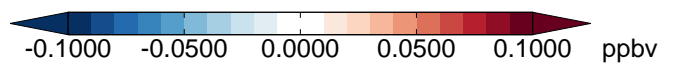
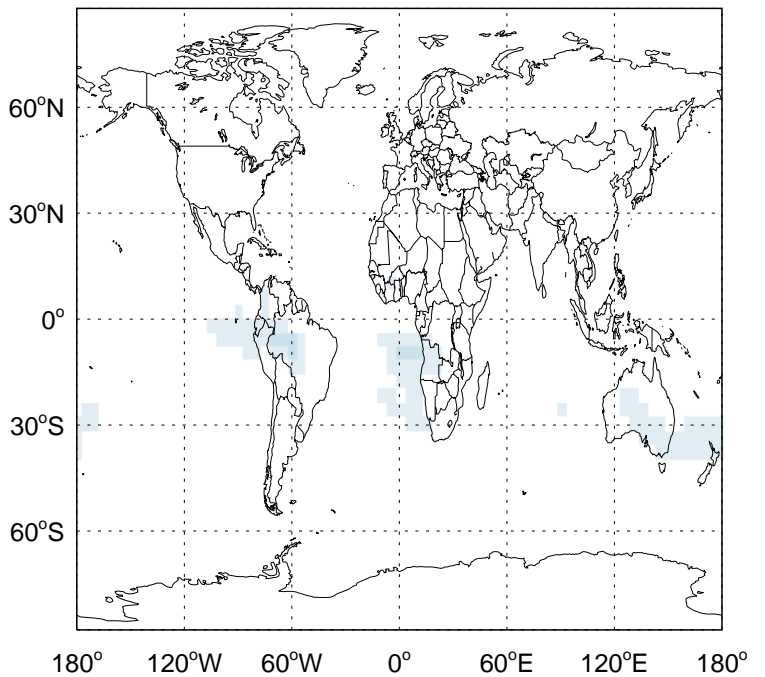
v11-02f-Run0 - v11-02e-Run1  
TSOG3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOG3 - Diff @ Surface for Oct

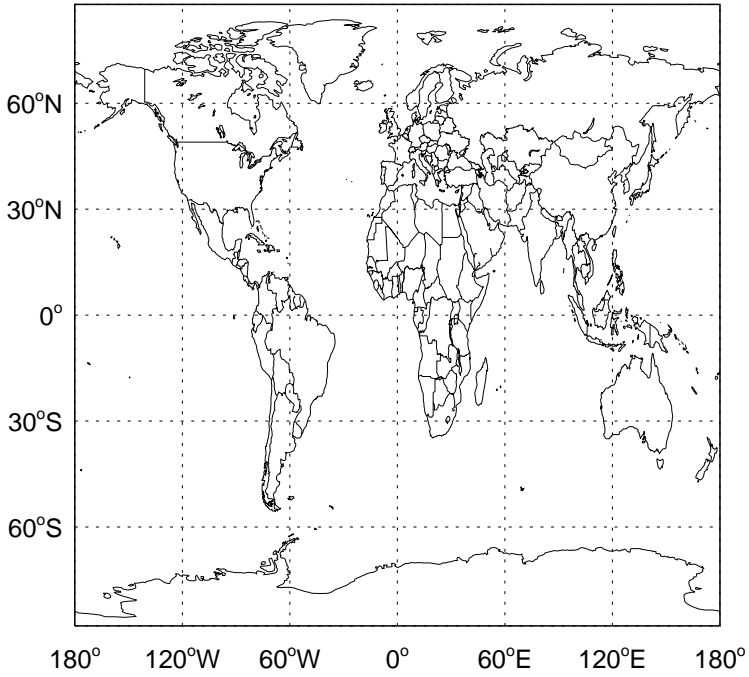


v11-02f-Run0 - v11-02e-Run0  
TSOG3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

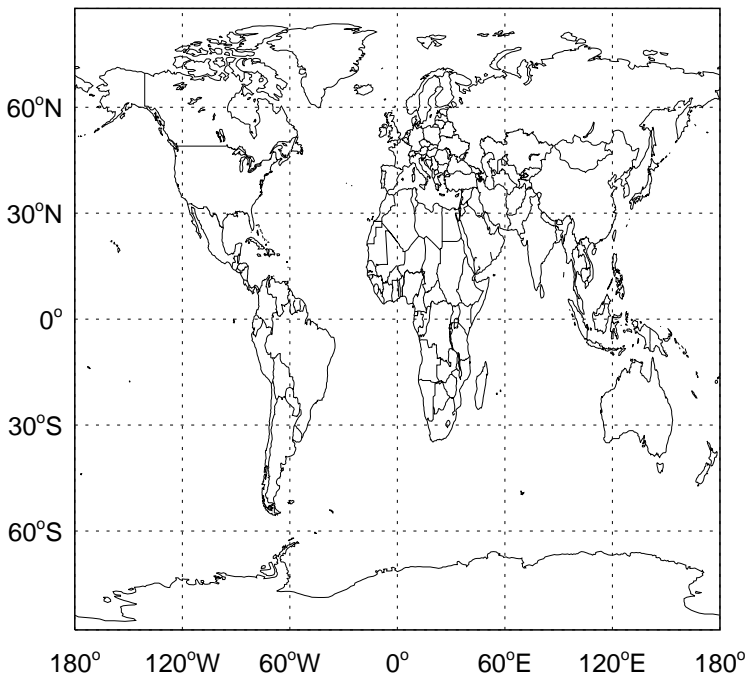
v11-02f-Run0 - v11-02e-Run1  
TSOG0 - Diff @ Surface for Oct



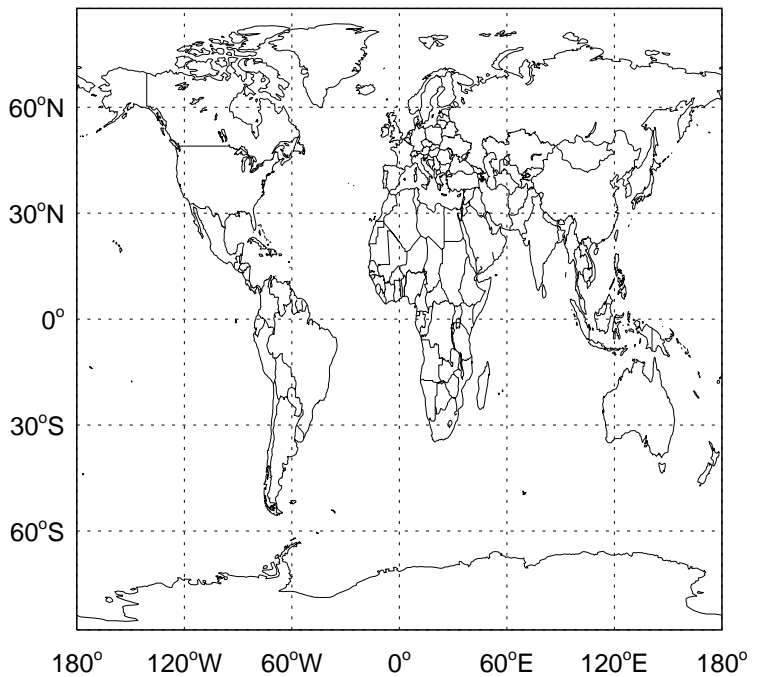
v11-02f-Run0 - v11-02e-Run1  
TSOG0- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOG0 - Diff @ Surface for Oct



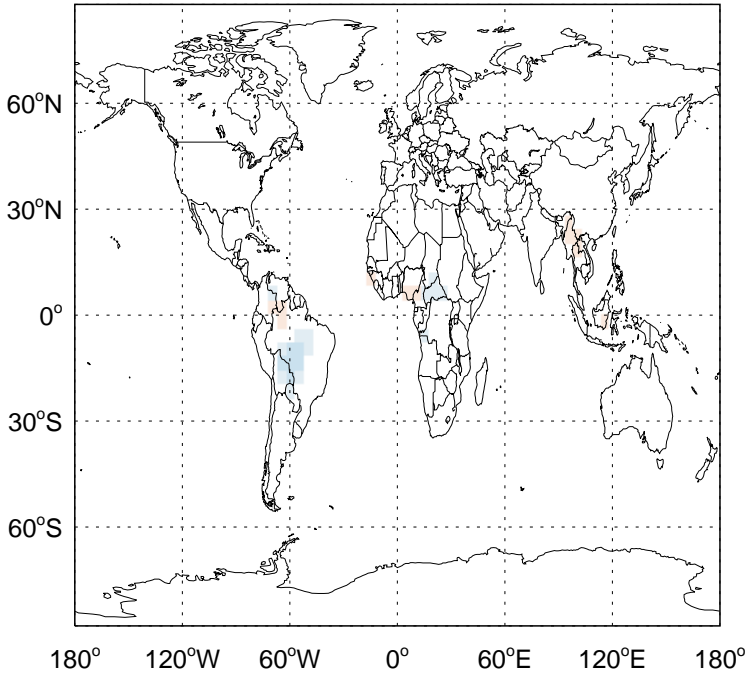
v11-02f-Run0 - v11-02e-Run0  
TSOG0- Diff @ 500 hPa for Oct



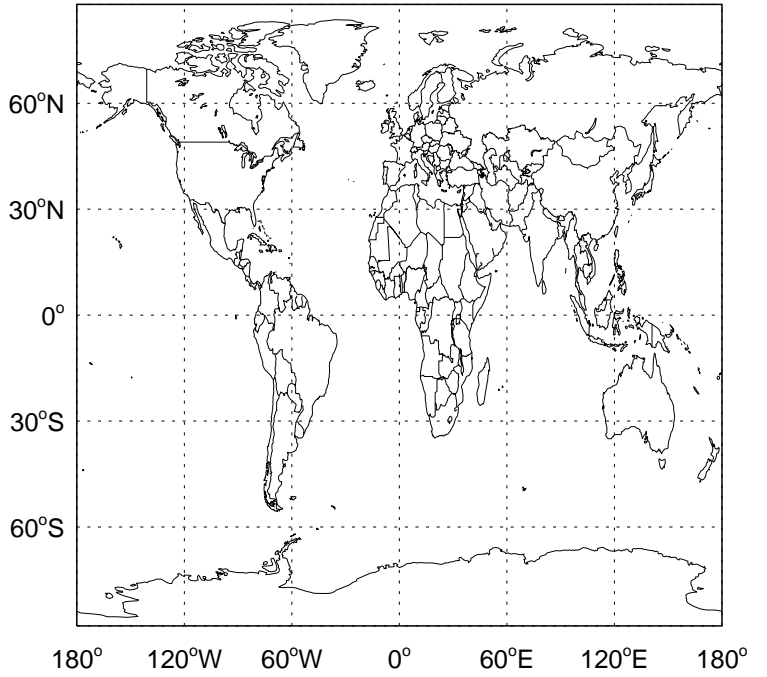


# GEOS-Chem Difference Maps at surface and 500 hPa

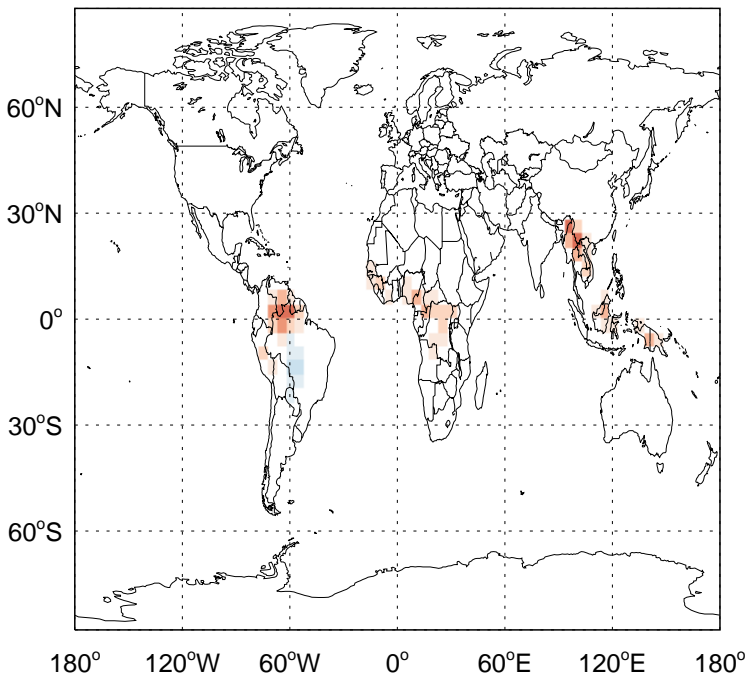
v11-02f-Run0 - v11-02e-Run1  
TSOA1 - Diff @ Surface for Oct



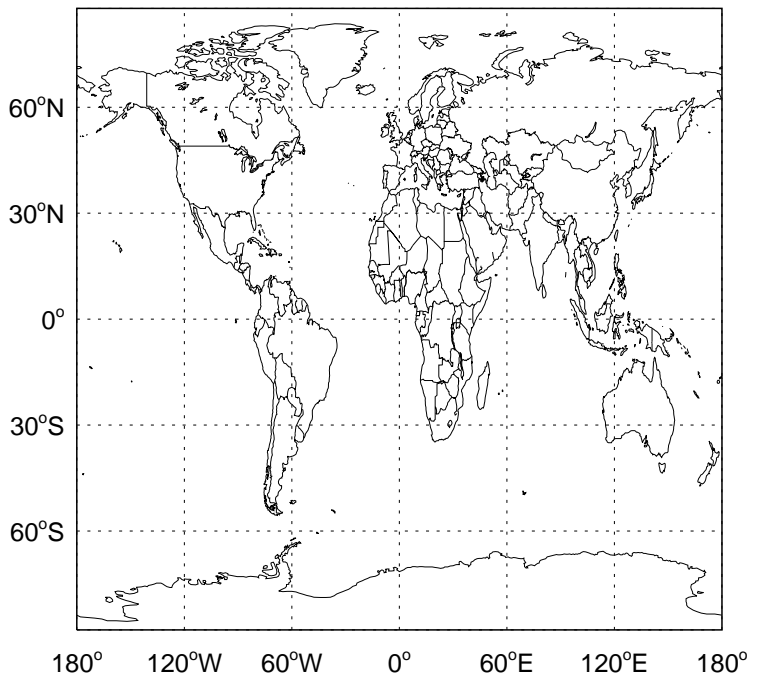
v11-02f-Run0 - v11-02e-Run1  
TSOA1- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOA1 - Diff @ Surface for Oct

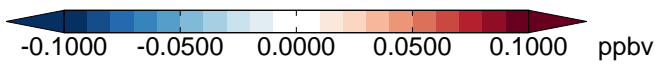
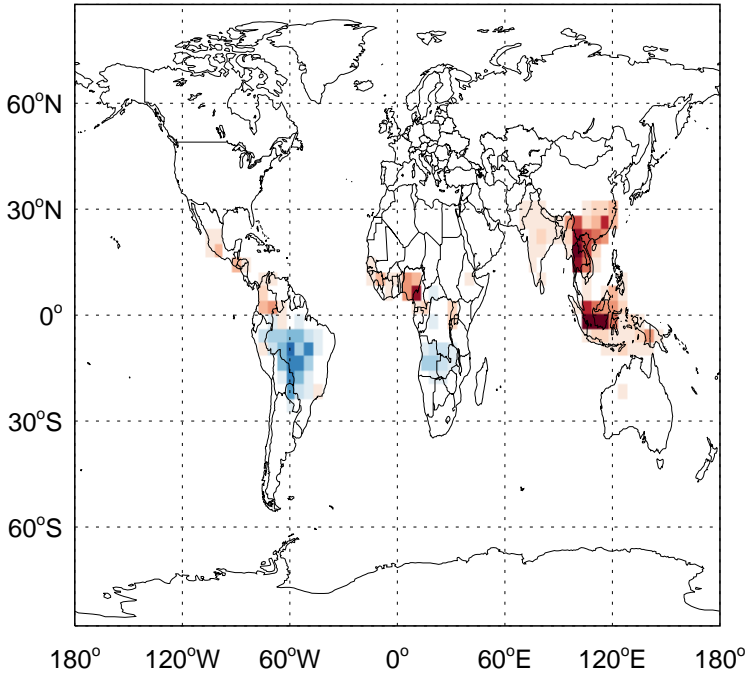


v11-02f-Run0 - v11-02e-Run0  
TSOA1- Diff @ 500 hPa for Oct

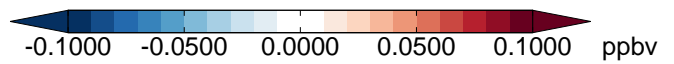
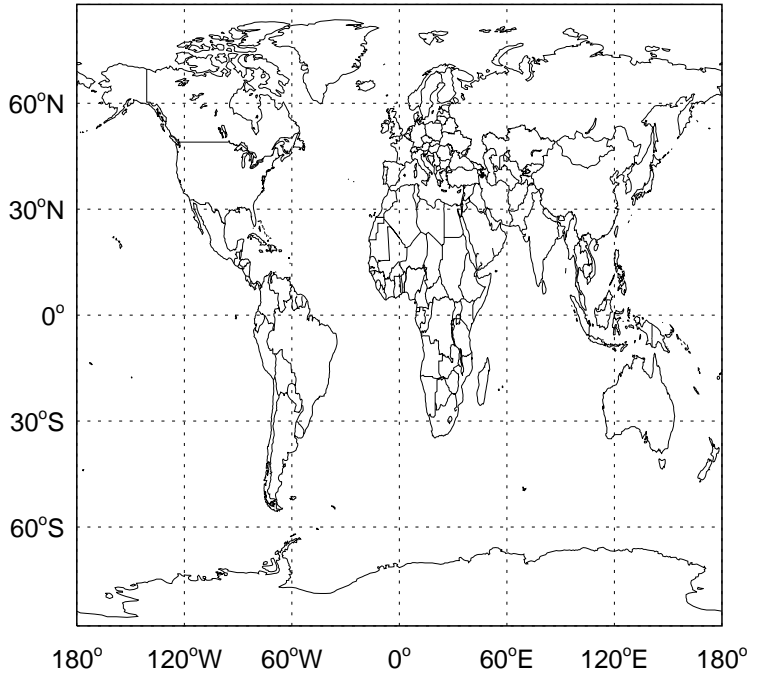


# GEOS-Chem Difference Maps at surface and 500 hPa

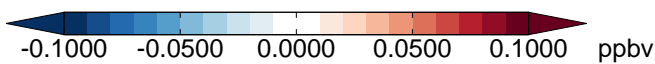
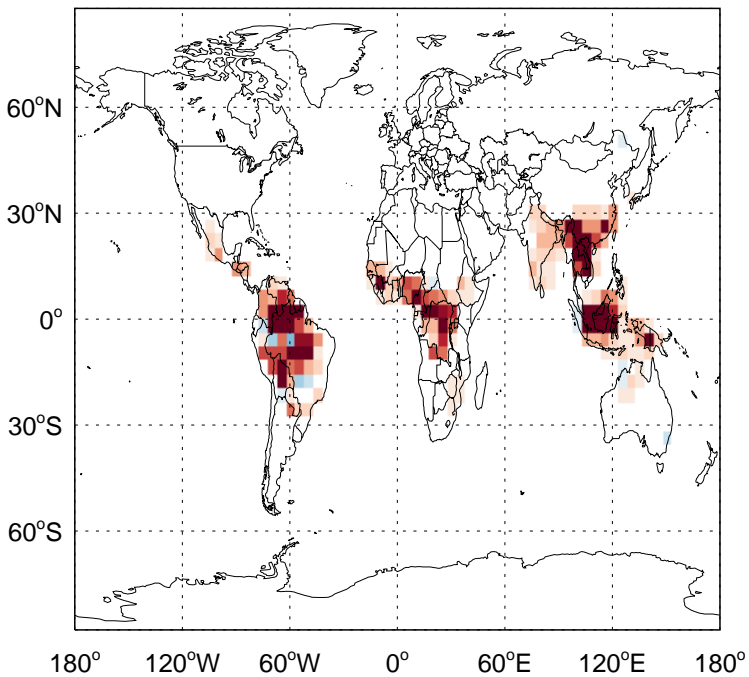
v11-02f-Run0 - v11-02e-Run1  
TSOA2 - Diff @ Surface for Oct



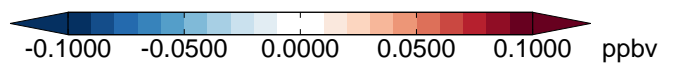
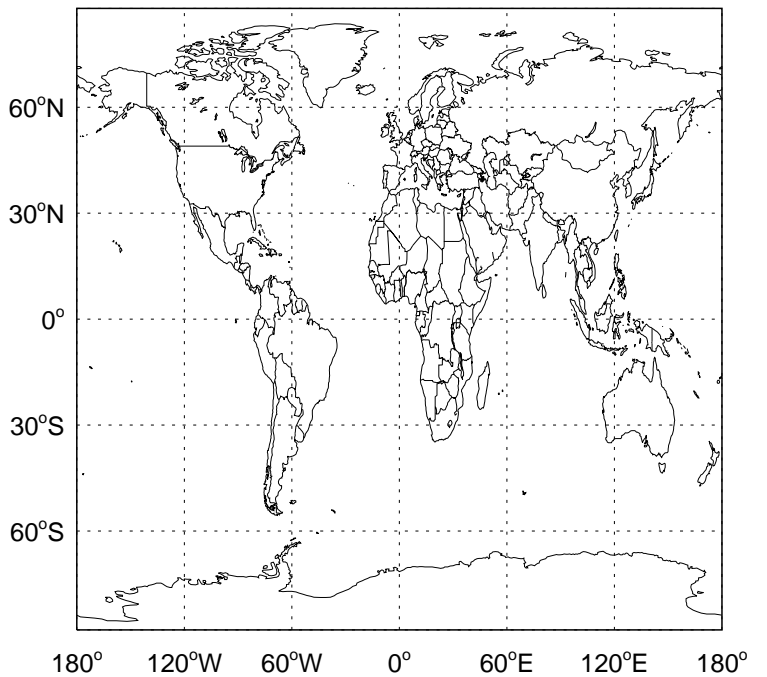
v11-02f-Run0 - v11-02e-Run1  
TSOA2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOA2 - Diff @ Surface for Oct

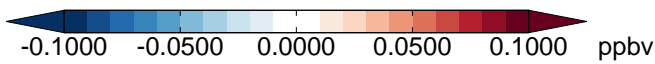
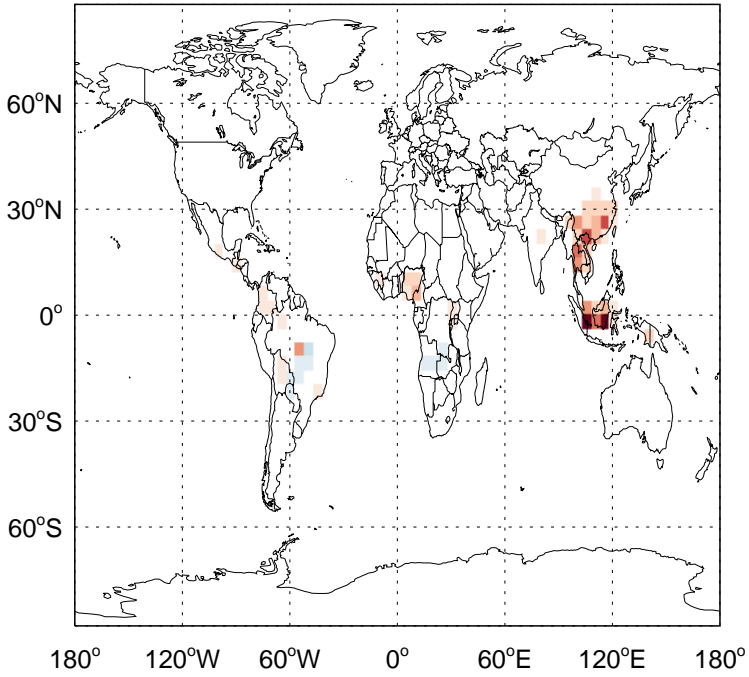


v11-02f-Run0 - v11-02e-Run0  
TSOA2- Diff @ 500 hPa for Oct

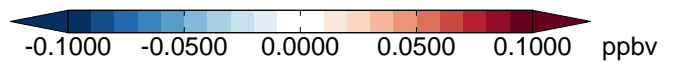
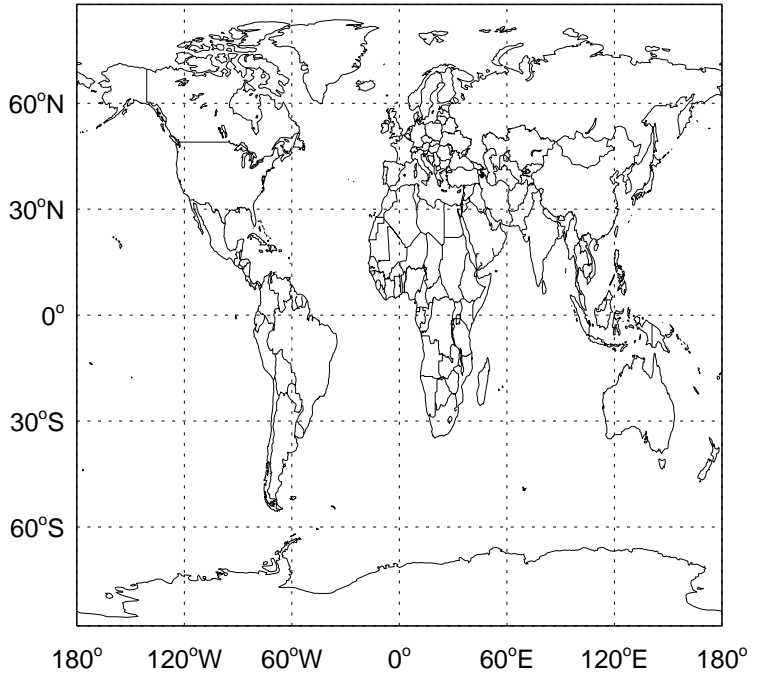


# GEOS-Chem Difference Maps at surface and 500 hPa

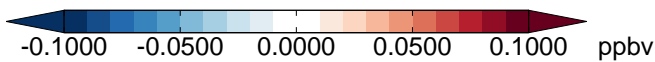
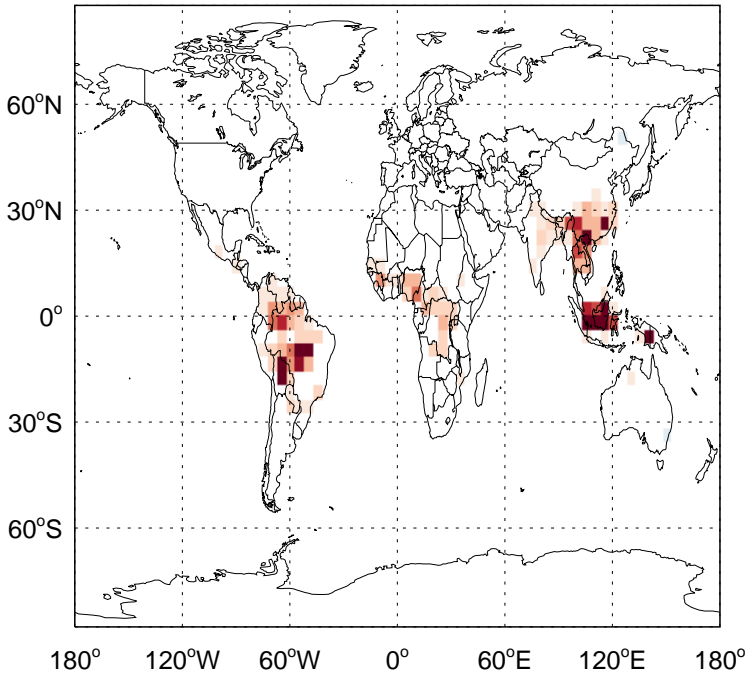
v11-02f-Run0 - v11-02e-Run1  
TSOA3 - Diff @ Surface for Oct



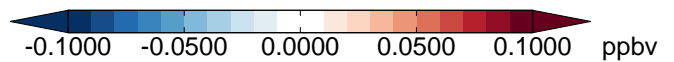
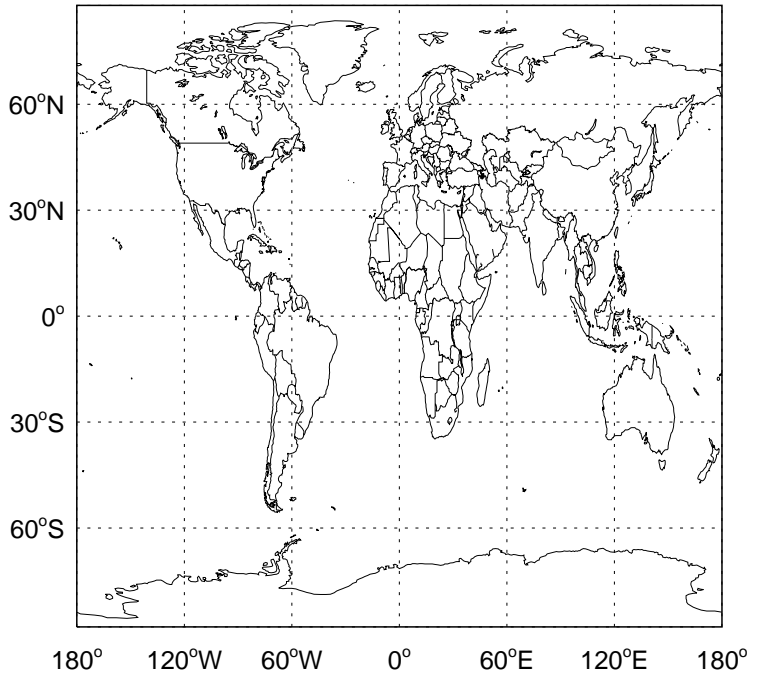
v11-02f-Run0 - v11-02e-Run1  
TSOA3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOA3 - Diff @ Surface for Oct

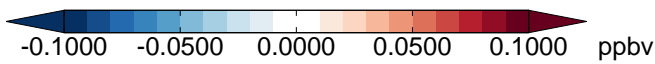
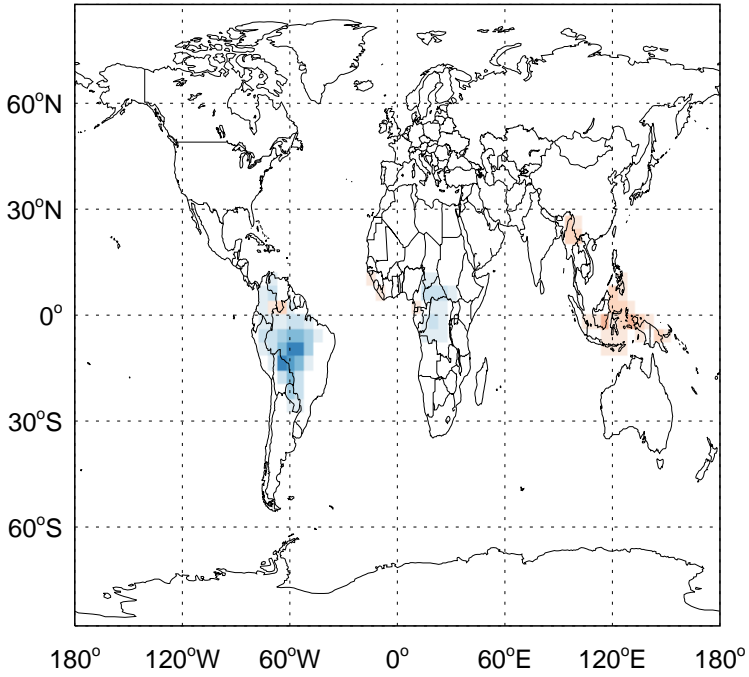


v11-02f-Run0 - v11-02e-Run0  
TSOA3- Diff @ 500 hPa for Oct

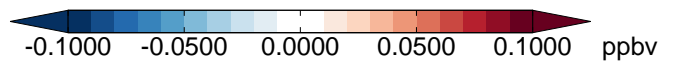


# GEOS-Chem Difference Maps at surface and 500 hPa

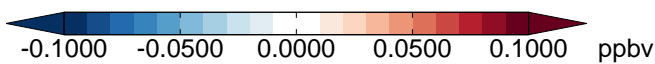
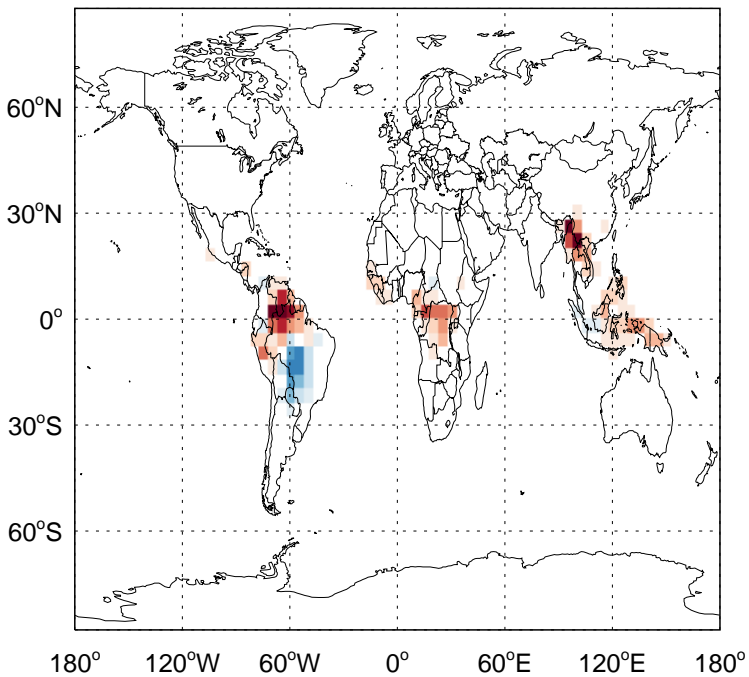
v11-02f-Run0 - v11-02e-Run1  
TSOA0 - Diff @ Surface for Oct



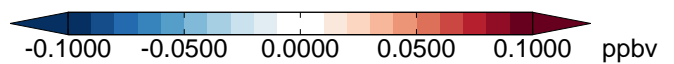
v11-02f-Run0 - v11-02e-Run1  
TSOA0- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
TSOA0 - Diff @ Surface for Oct

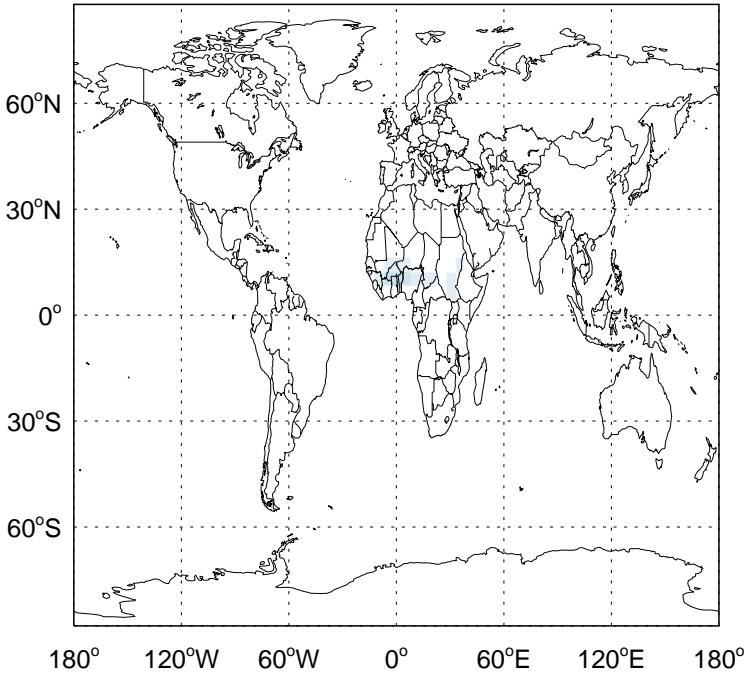


v11-02f-Run0 - v11-02e-Run0  
TSOA0- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

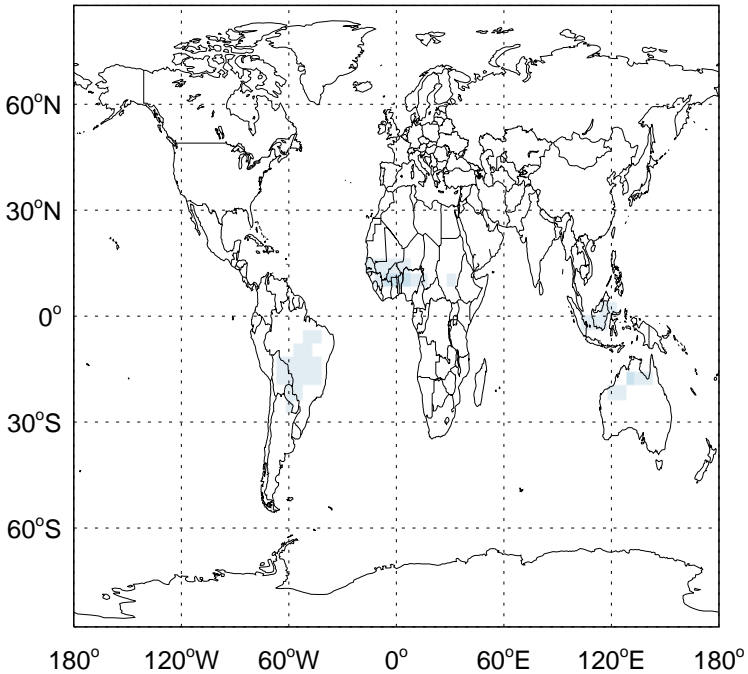
v11-02f-Run0 - v11-02e-Run1  
ISOG1 - Diff @ Surface for Oct



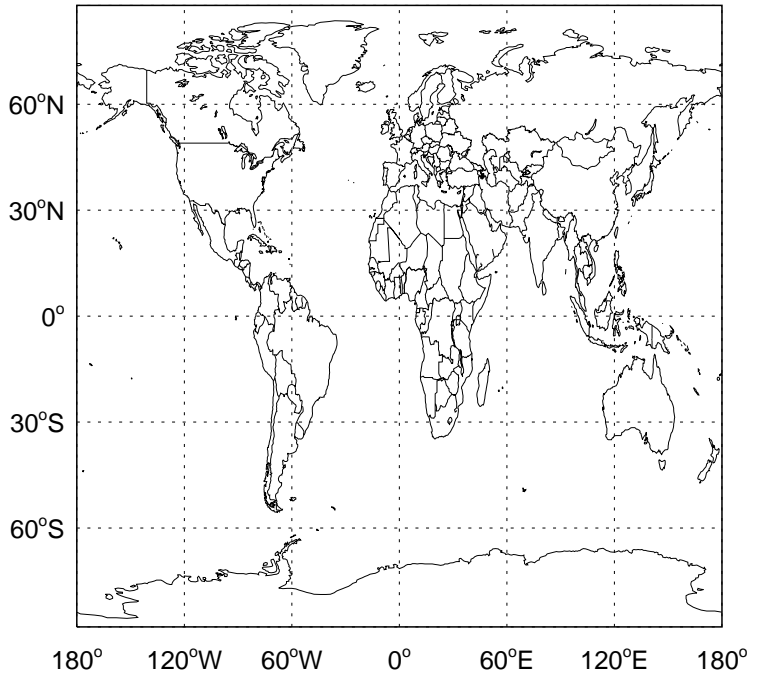
v11-02f-Run0 - v11-02e-Run1  
ISOG1- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOG1 - Diff @ Surface for Oct

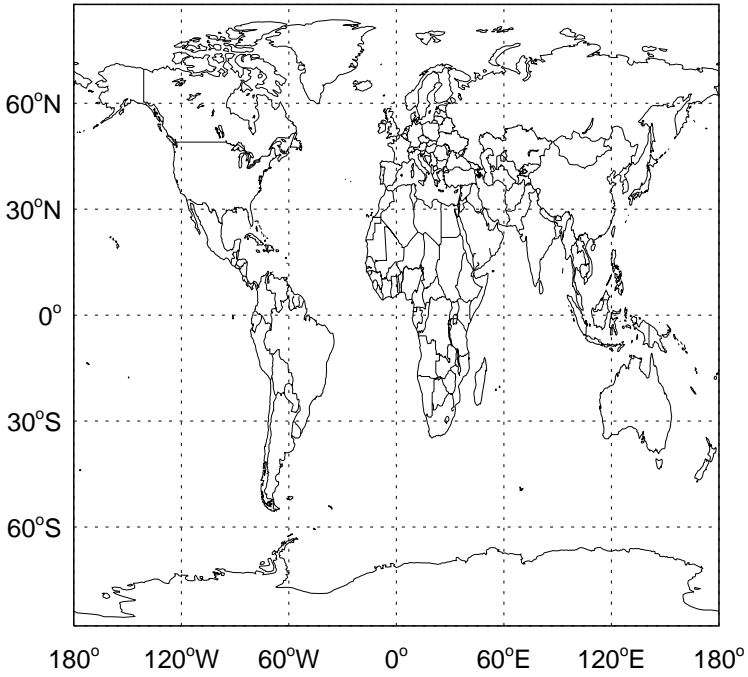


v11-02f-Run0 - v11-02e-Run0  
ISOG1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

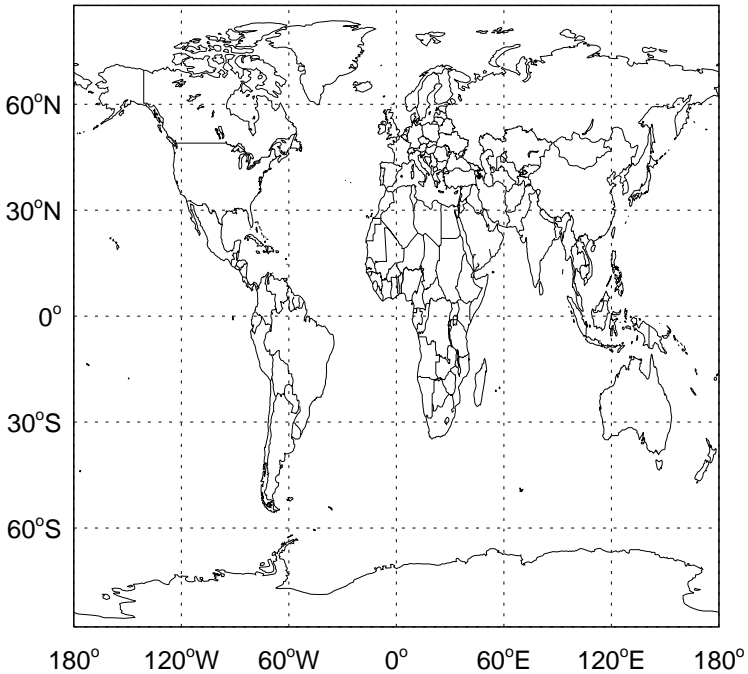
v11-02f-Run0 - v11-02e-Run1  
ISOG2 - Diff @ Surface for Oct



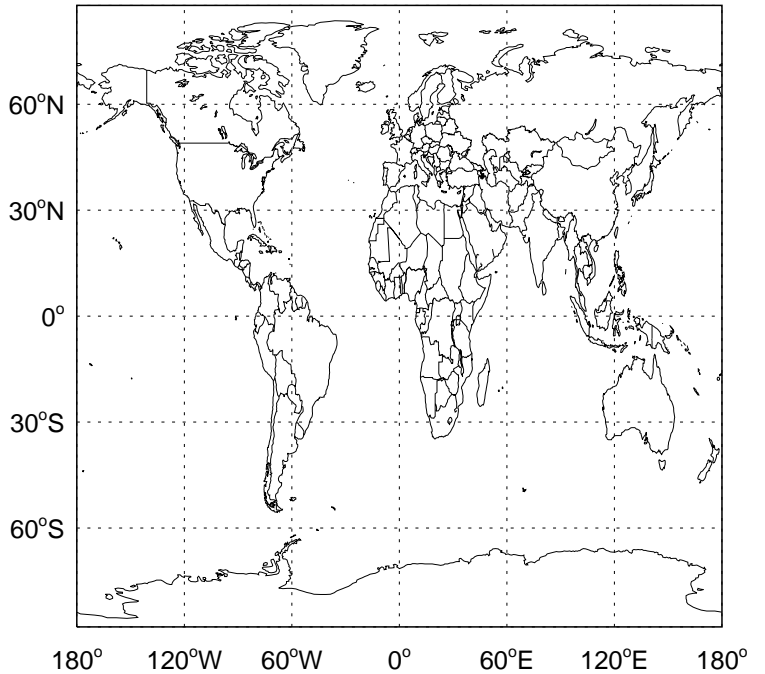
v11-02f-Run0 - v11-02e-Run1  
ISOG2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOG2 - Diff @ Surface for Oct



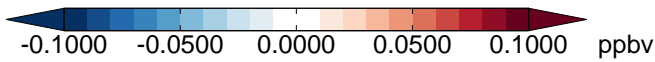
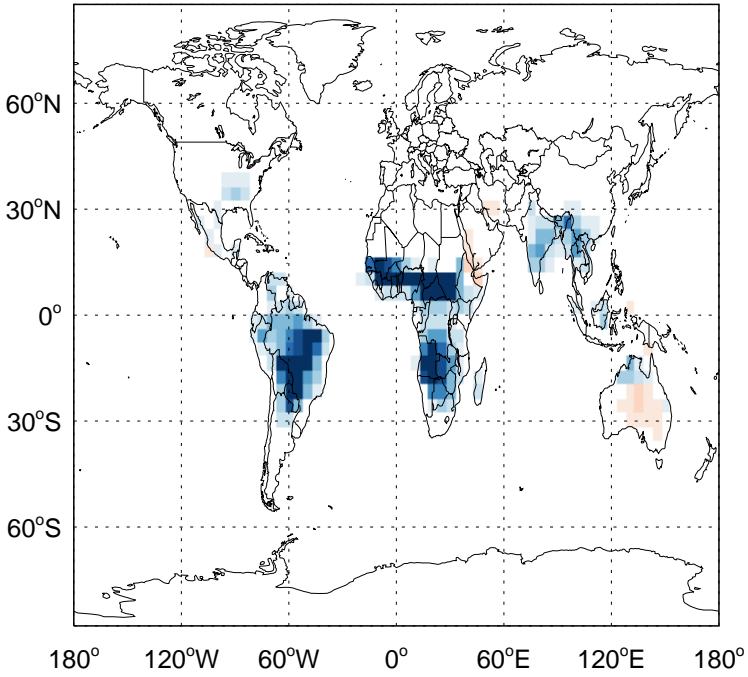
v11-02f-Run0 - v11-02e-Run0  
ISOG2- Diff @ 500 hPa for Oct



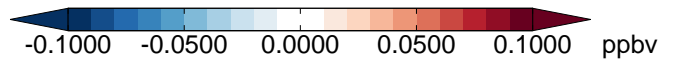
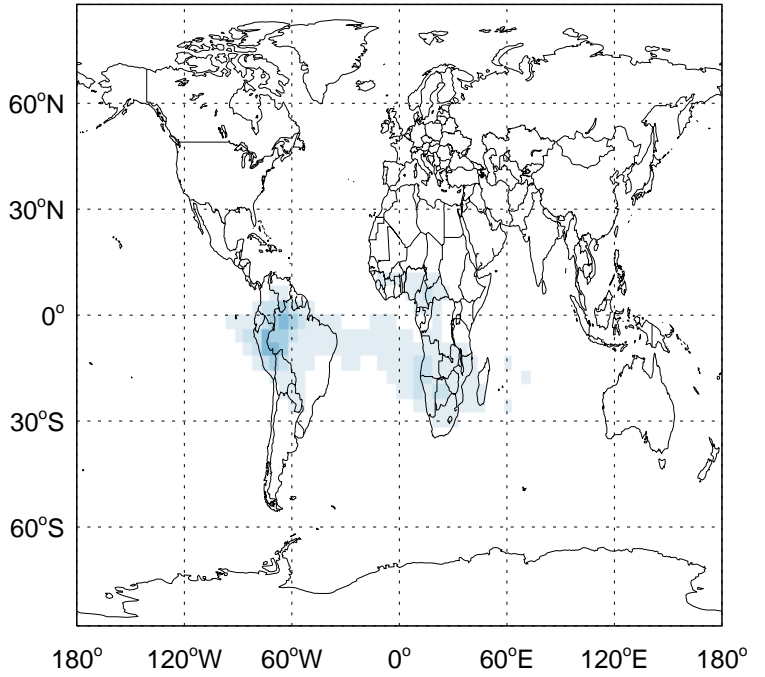


# GEOS-Chem Difference Maps at surface and 500 hPa

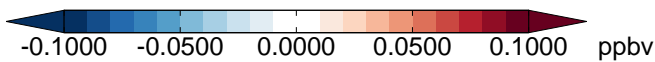
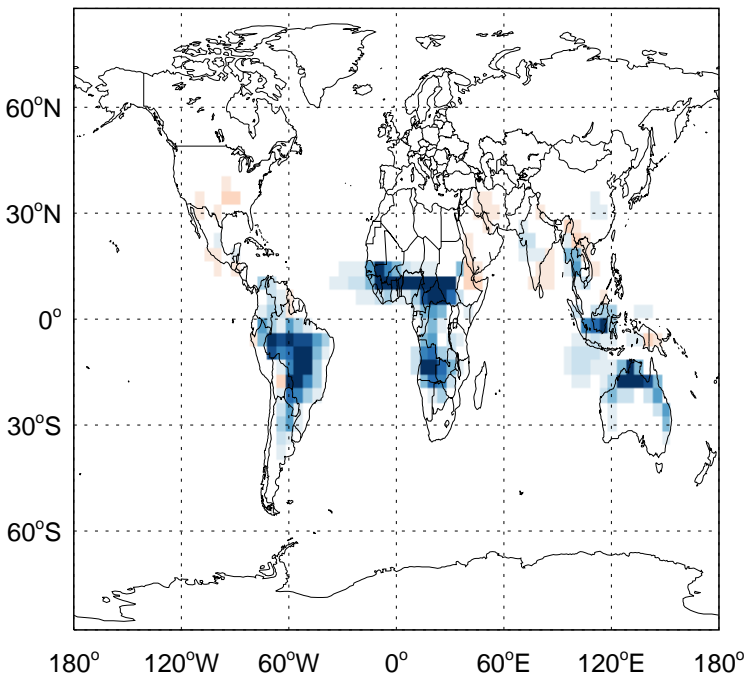
v11-02f-Run0 - v11-02e-Run1  
ISOG3 - Diff @ Surface for Oct



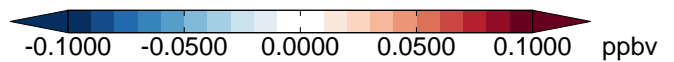
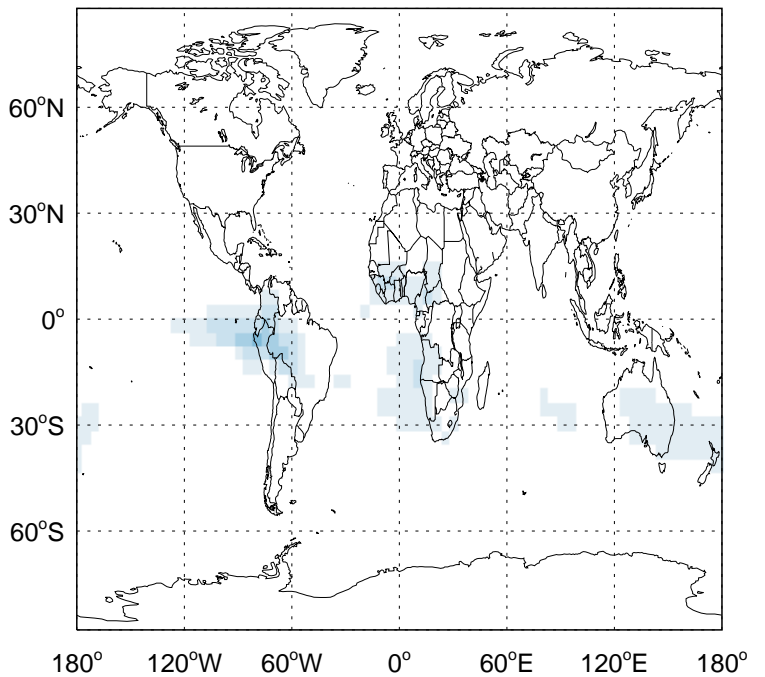
v11-02f-Run0 - v11-02e-Run1  
ISOG3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOG3 - Diff @ Surface for Oct

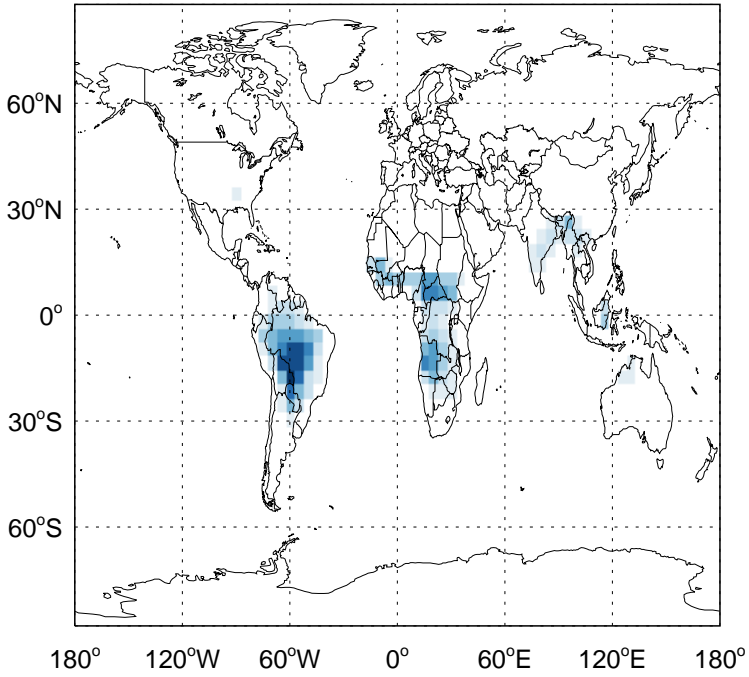


v11-02f-Run0 - v11-02e-Run0  
ISOG3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

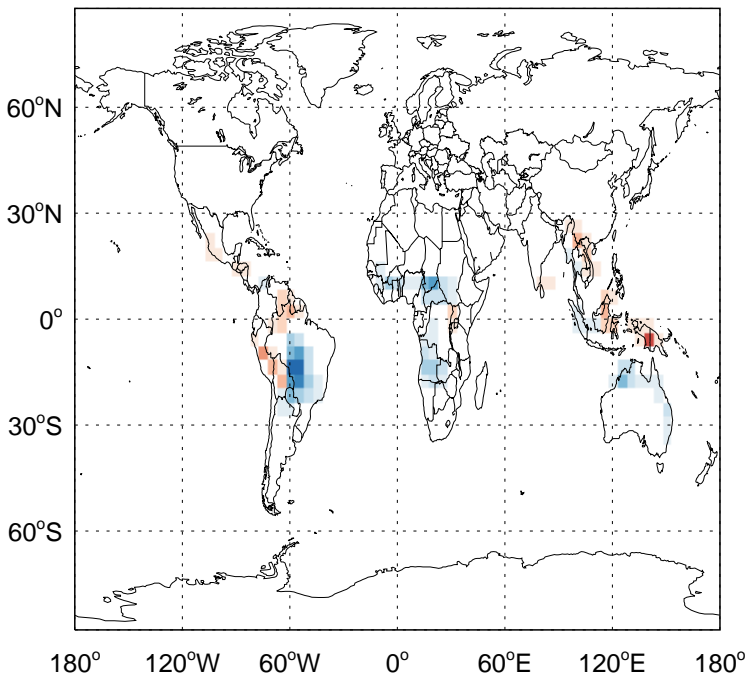
v11-02f-Run0 - v11-02e-Run1  
ISOA1 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
ISOA1- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOA1 - Diff @ Surface for Oct

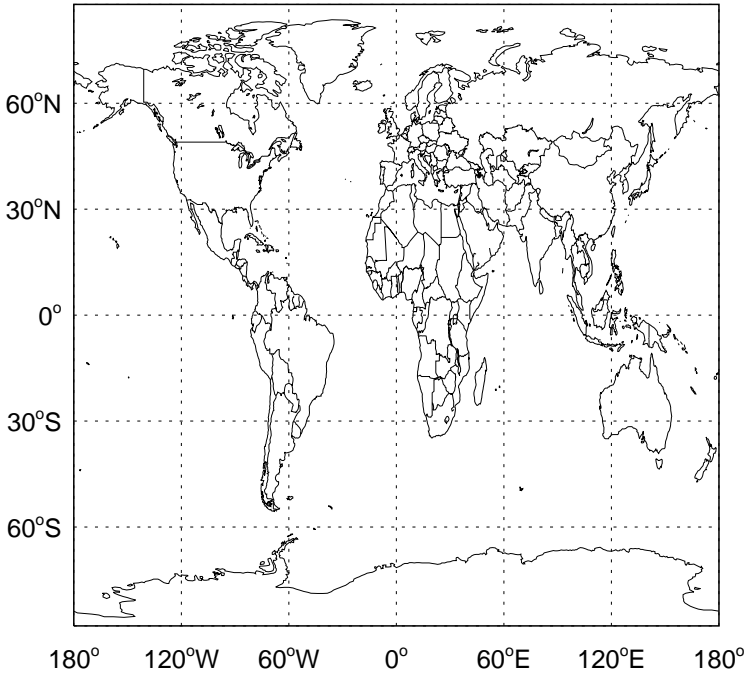


v11-02f-Run0 - v11-02e-Run0  
ISOA1- Diff @ 500 hPa for Oct

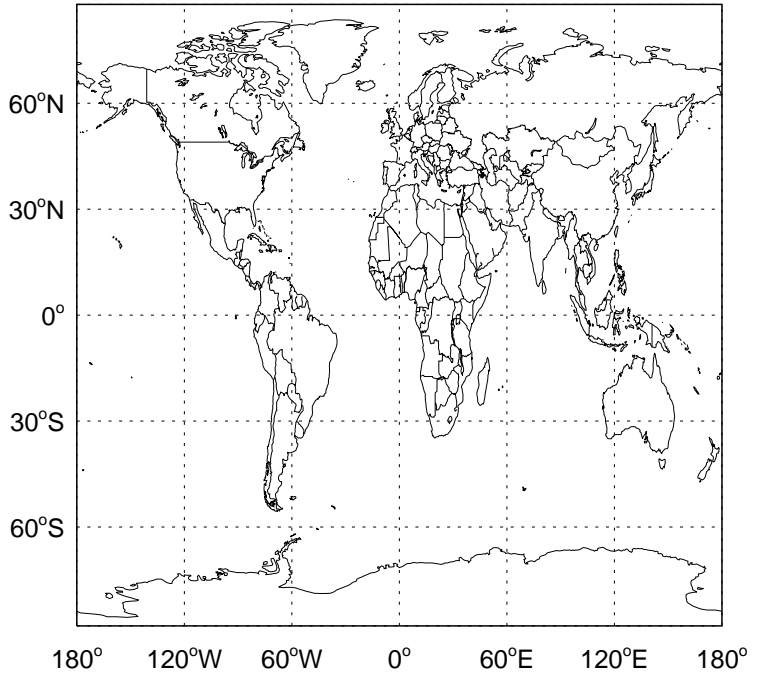


# GEOS-Chem Difference Maps at surface and 500 hPa

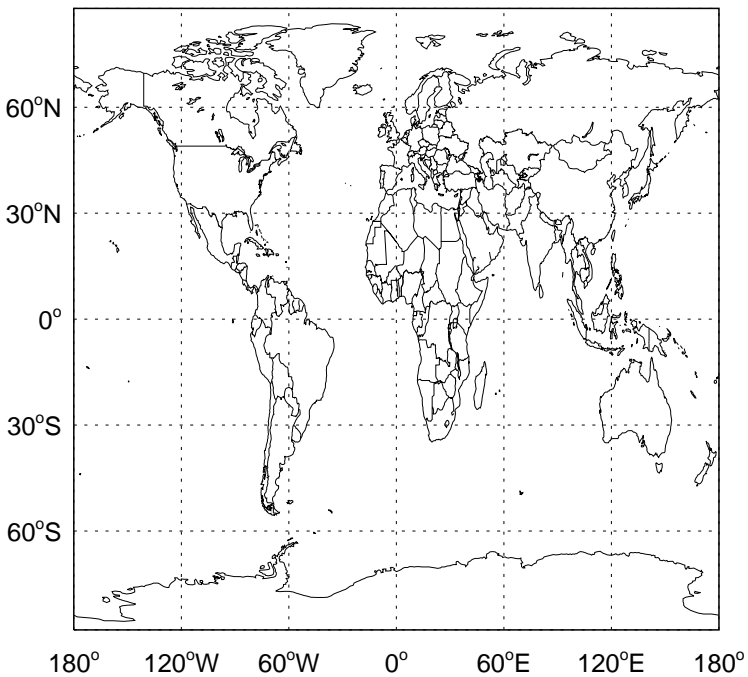
v11-02f-Run0 - v11-02e-Run1  
ISOA2 - Diff @ Surface for Oct



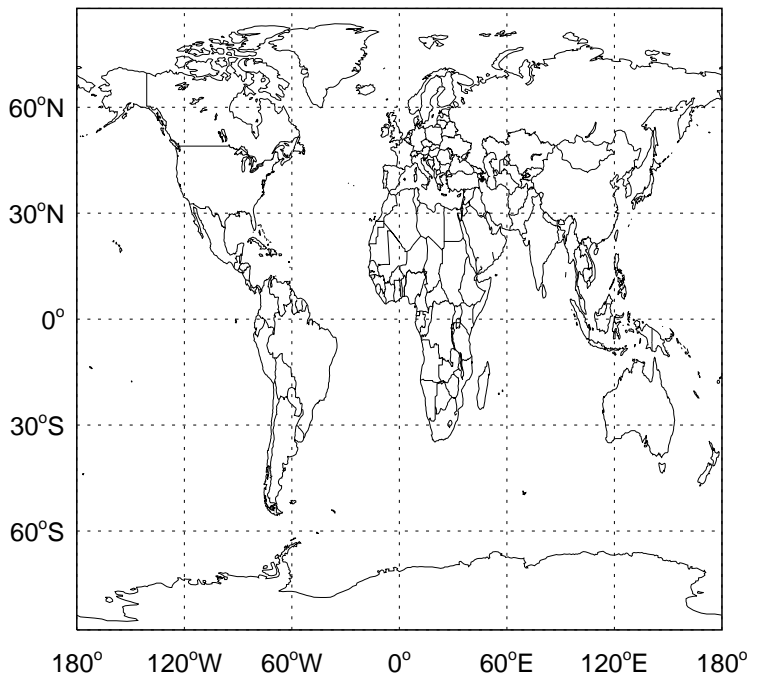
v11-02f-Run0 - v11-02e-Run1  
ISOA2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOA2 - Diff @ Surface for Oct

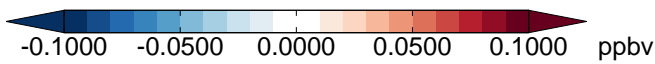
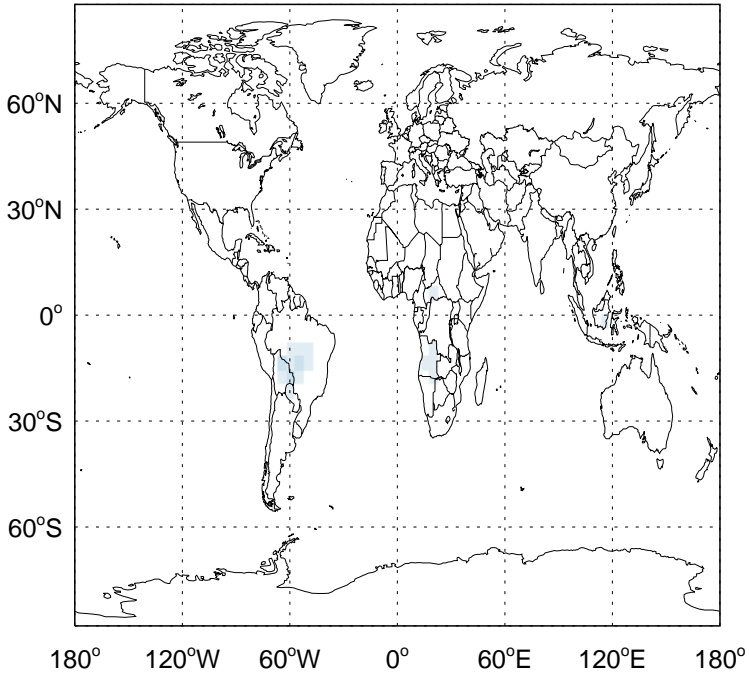


v11-02f-Run0 - v11-02e-Run0  
ISOA2- Diff @ 500 hPa for Oct

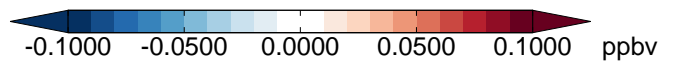


# GEOS-Chem Difference Maps at surface and 500 hPa

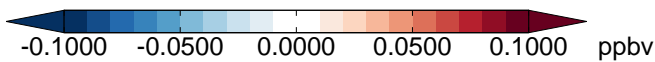
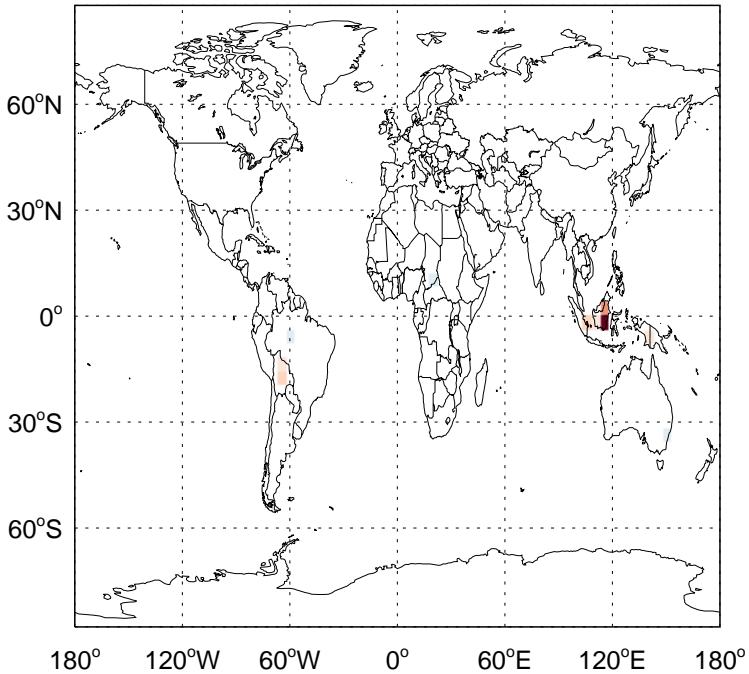
v11-02f-Run0 - v11-02e-Run1  
ISOA3 - Diff @ Surface for Oct



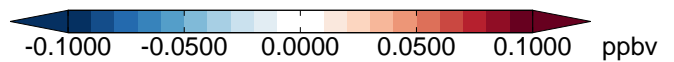
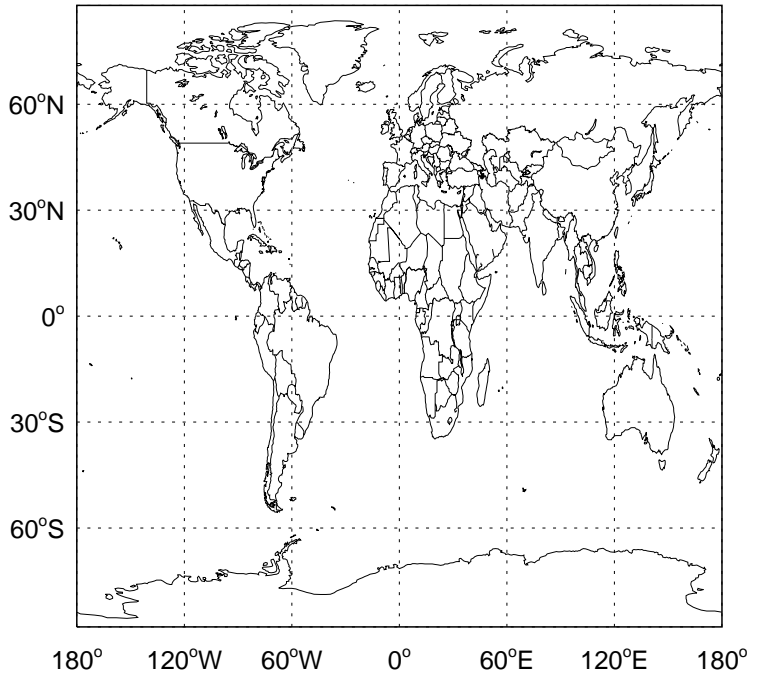
v11-02f-Run0 - v11-02e-Run1  
ISOA3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISOA3 - Diff @ Surface for Oct

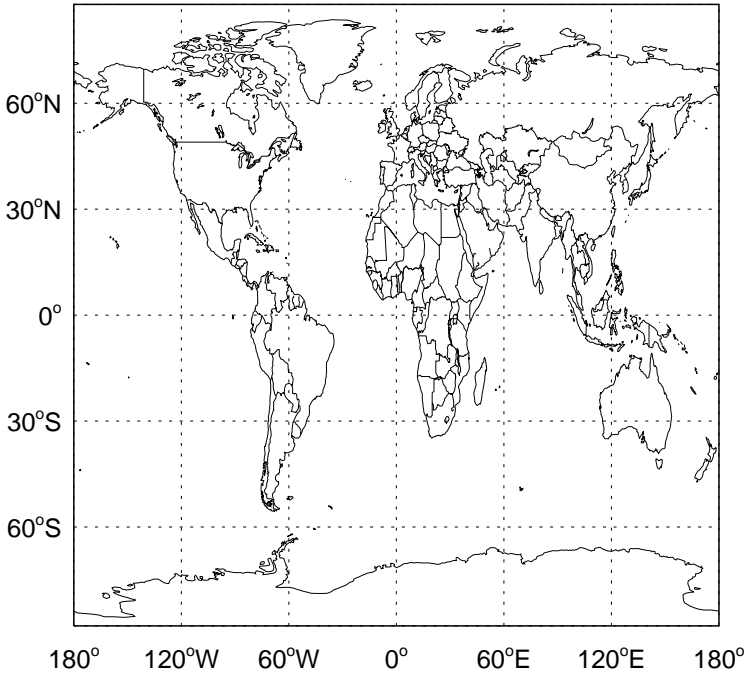


v11-02f-Run0 - v11-02e-Run0  
ISOA3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

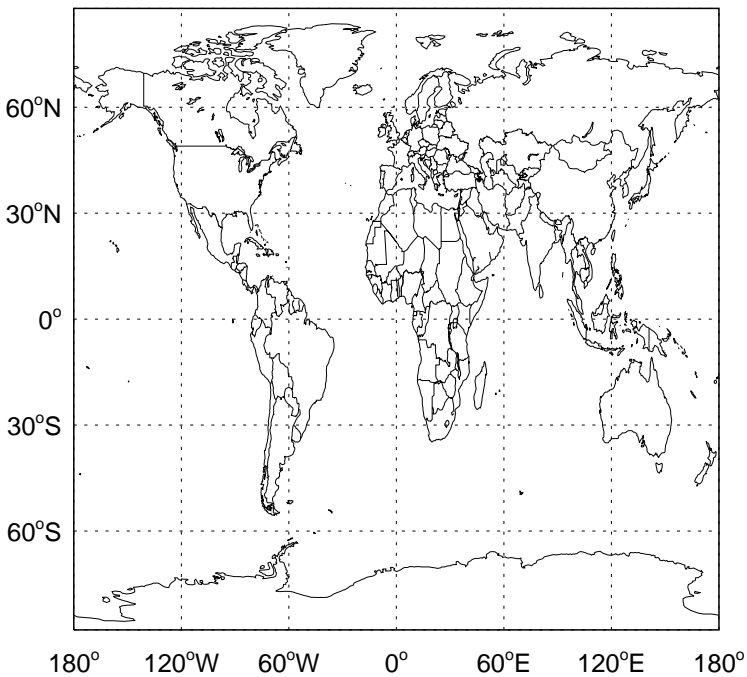
v11-02f-Run0 - v11-02e-Run1  
ASOG1 - Diff @ Surface for Oct



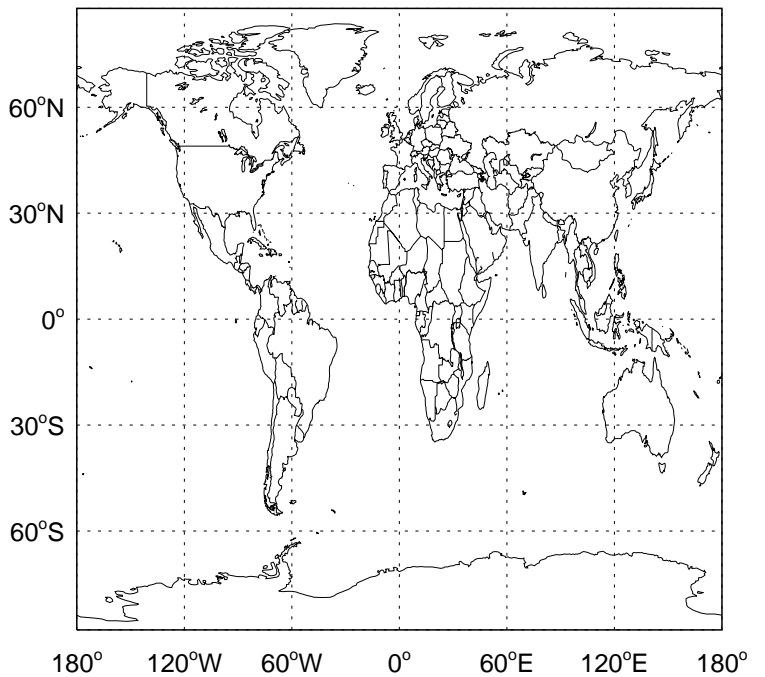
v11-02f-Run0 - v11-02e-Run1  
ASOG1- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOG1 - Diff @ Surface for Oct

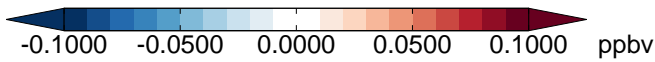
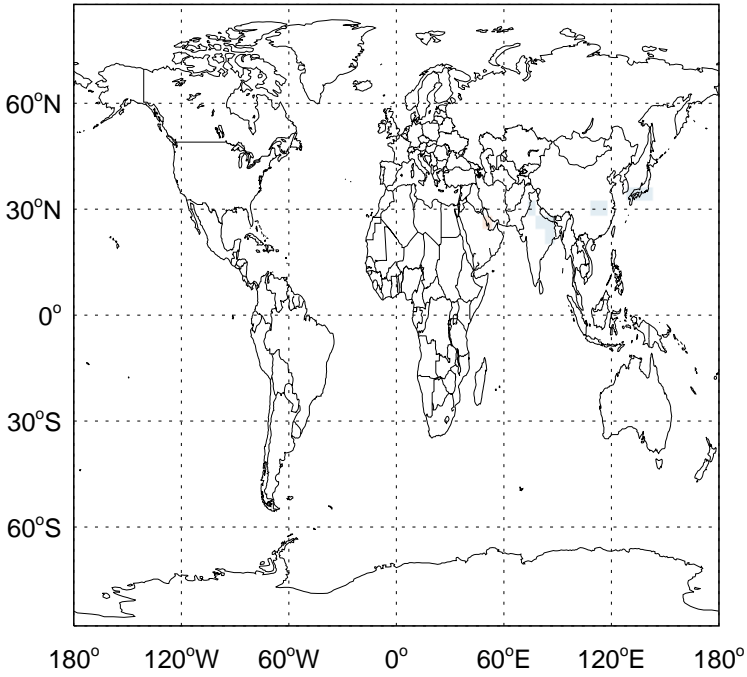


v11-02f-Run0 - v11-02e-Run0  
ASOG1- Diff @ 500 hPa for Oct

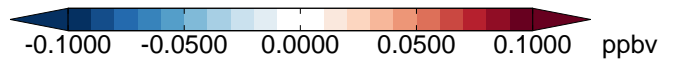


# GEOS-Chem Difference Maps at surface and 500 hPa

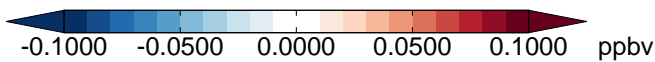
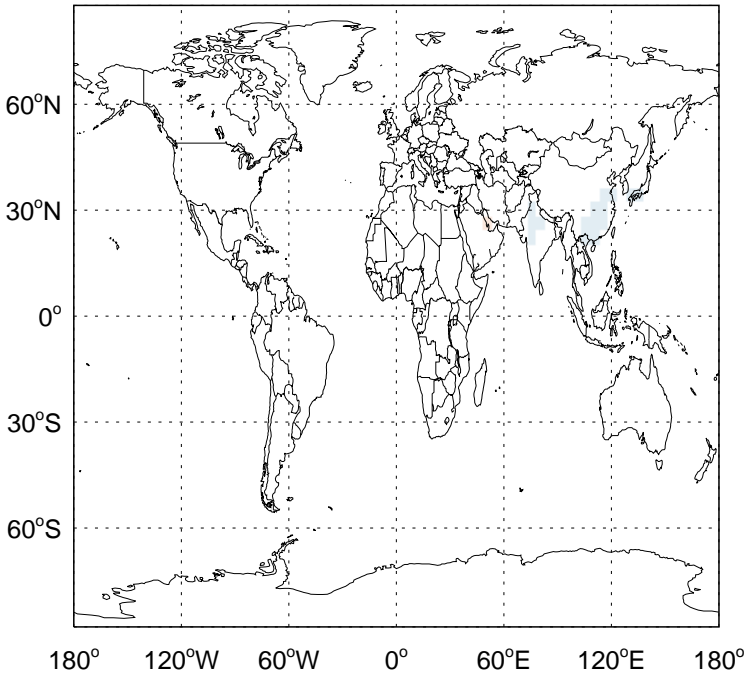
v11-02f-Run0 - v11-02e-Run1  
ASOG2 - Diff @ Surface for Oct



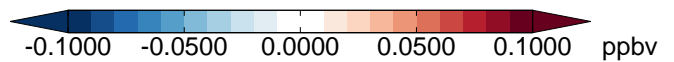
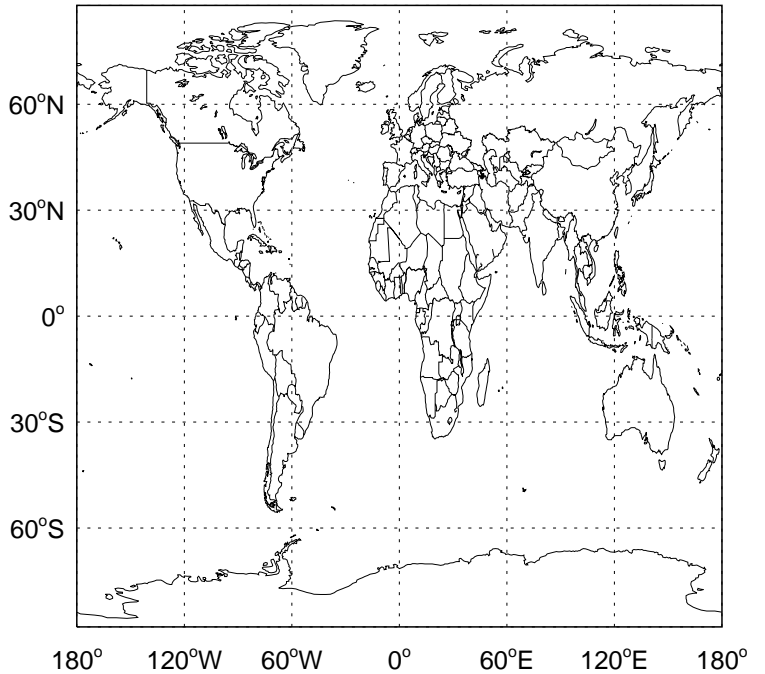
v11-02f-Run0 - v11-02e-Run1  
ASOG2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOG2 - Diff @ Surface for Oct



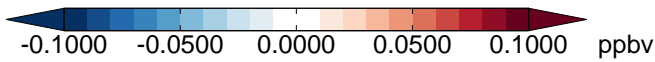
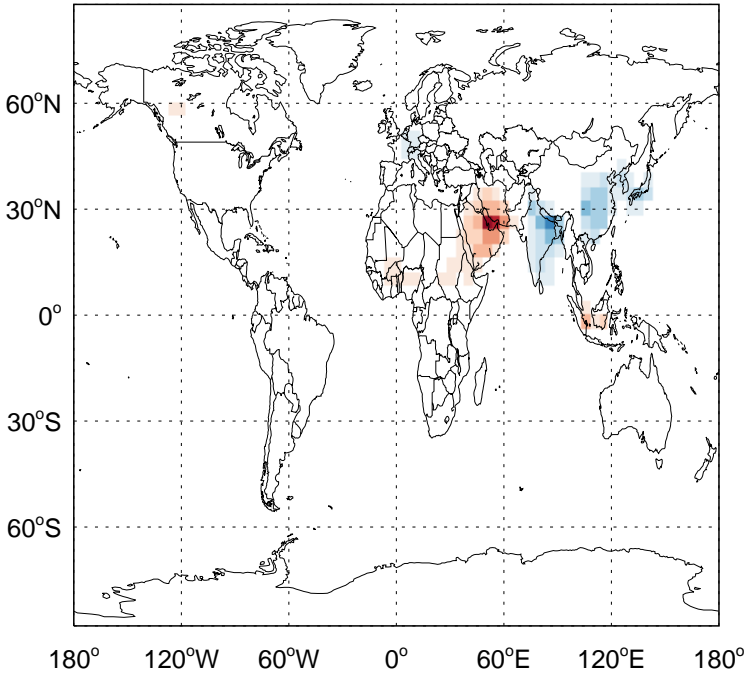
v11-02f-Run0 - v11-02e-Run0  
ASOG2- Diff @ 500 hPa for Oct



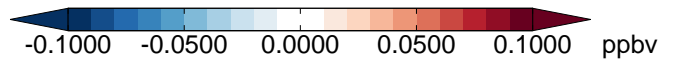


# GEOS-Chem Difference Maps at surface and 500 hPa

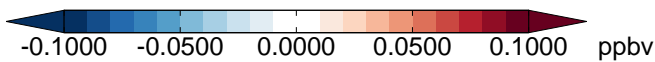
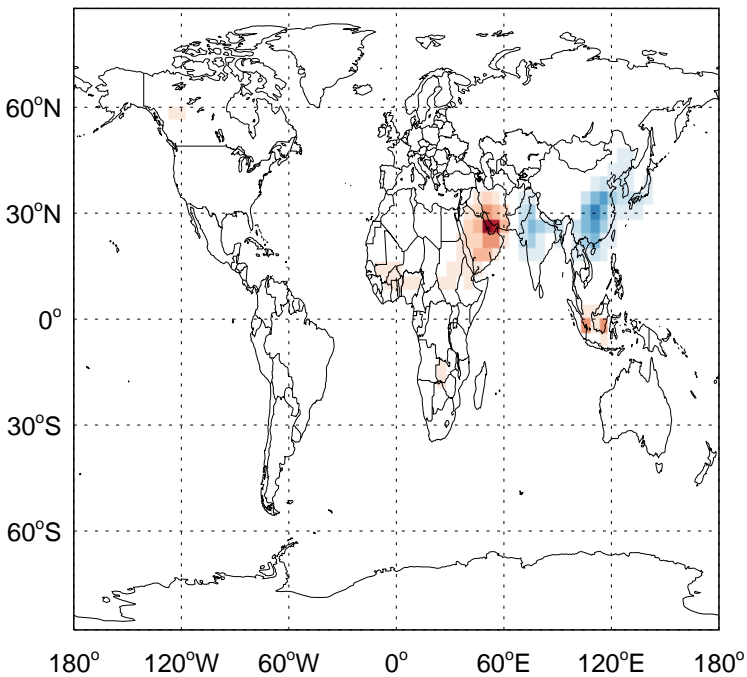
v11-02f-Run0 - v11-02e-Run1  
ASOG3 - Diff @ Surface for Oct



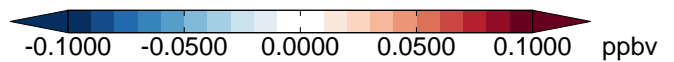
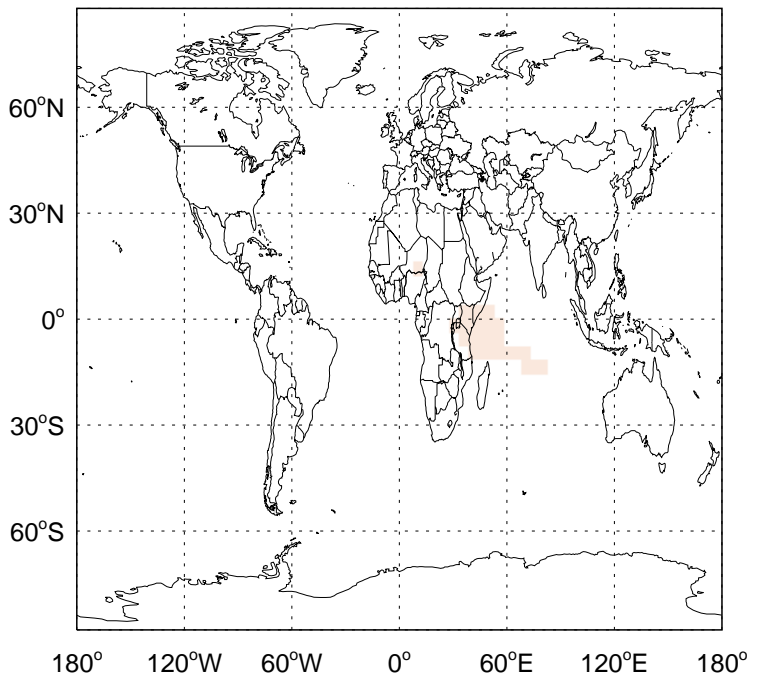
v11-02f-Run0 - v11-02e-Run1  
ASOG3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOG3 - Diff @ Surface for Oct

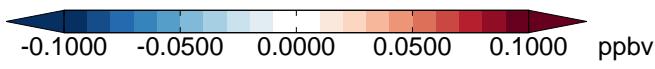
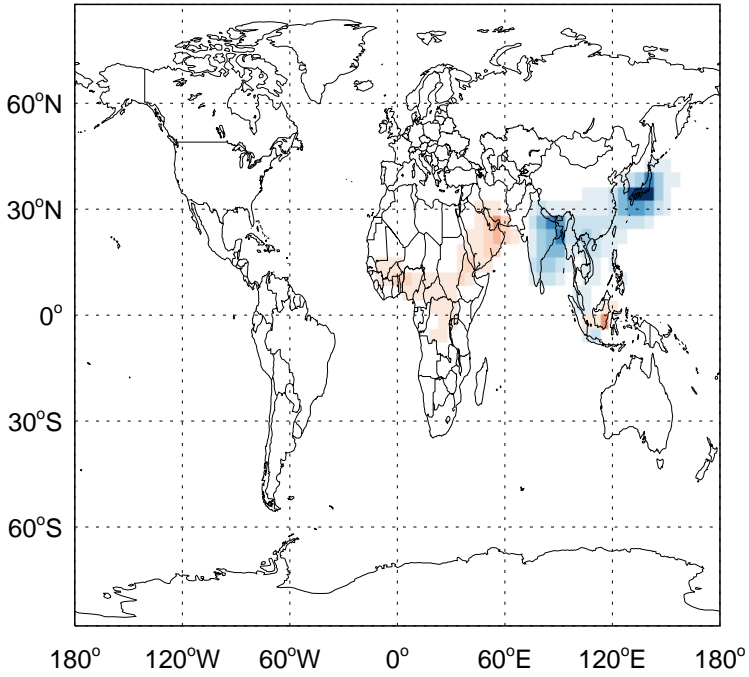


v11-02f-Run0 - v11-02e-Run0  
ASOG3- Diff @ 500 hPa for Oct

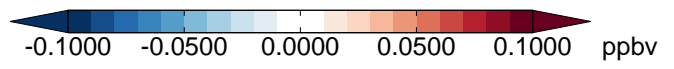


# GEOS-Chem Difference Maps at surface and 500 hPa

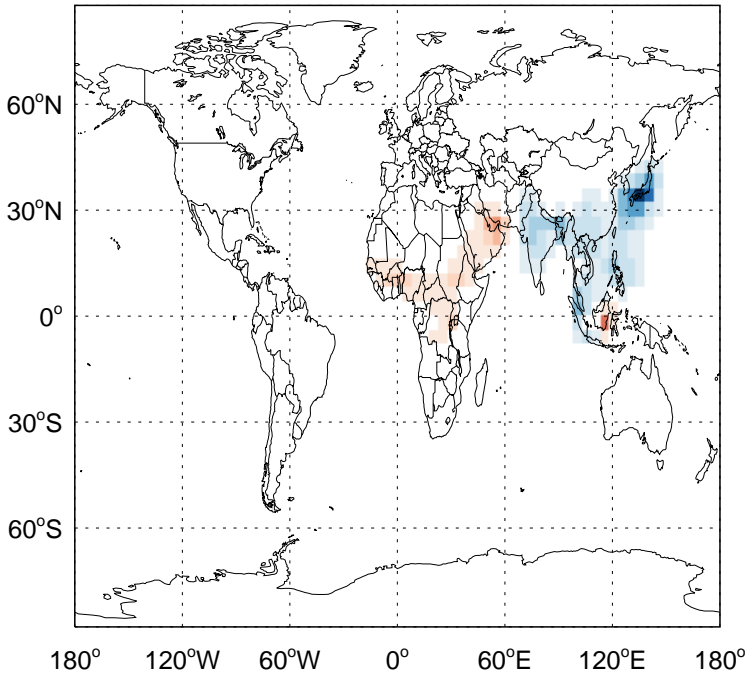
v11-02f-Run0 - v11-02e-Run1  
ASOAN - Diff @ Surface for Oct



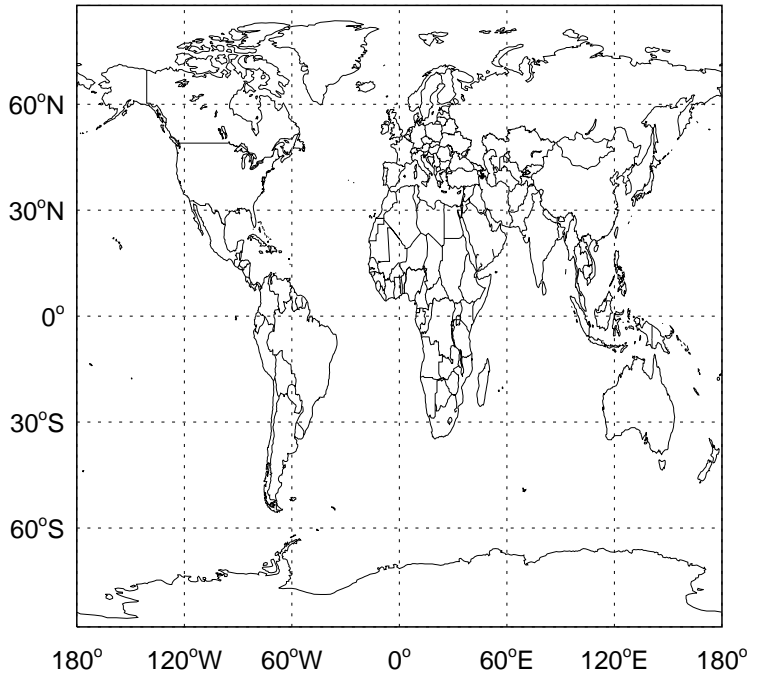
v11-02f-Run0 - v11-02e-Run1  
ASOAN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOAN - Diff @ Surface for Oct

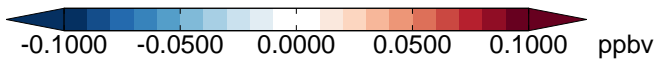
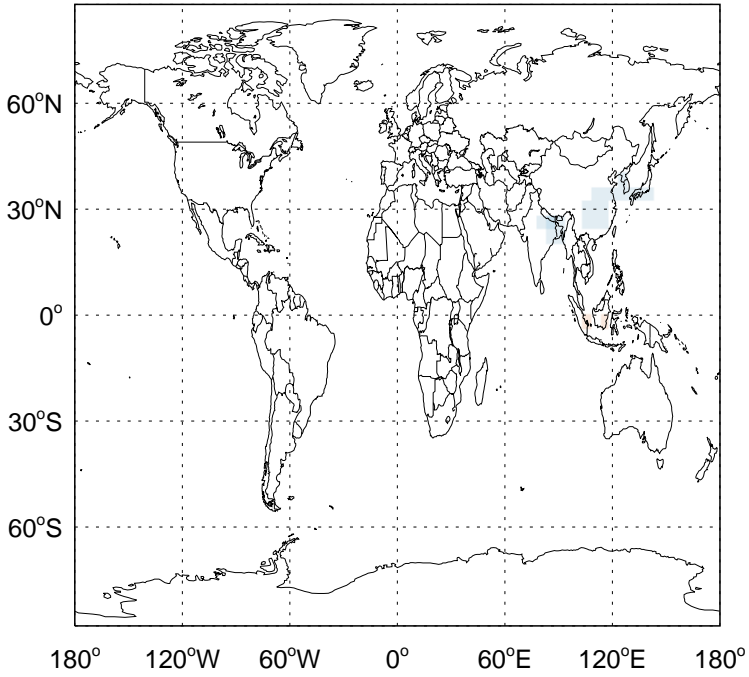


v11-02f-Run0 - v11-02e-Run0  
ASOAN- Diff @ 500 hPa for Oct

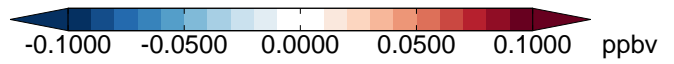


# GEOS-Chem Difference Maps at surface and 500 hPa

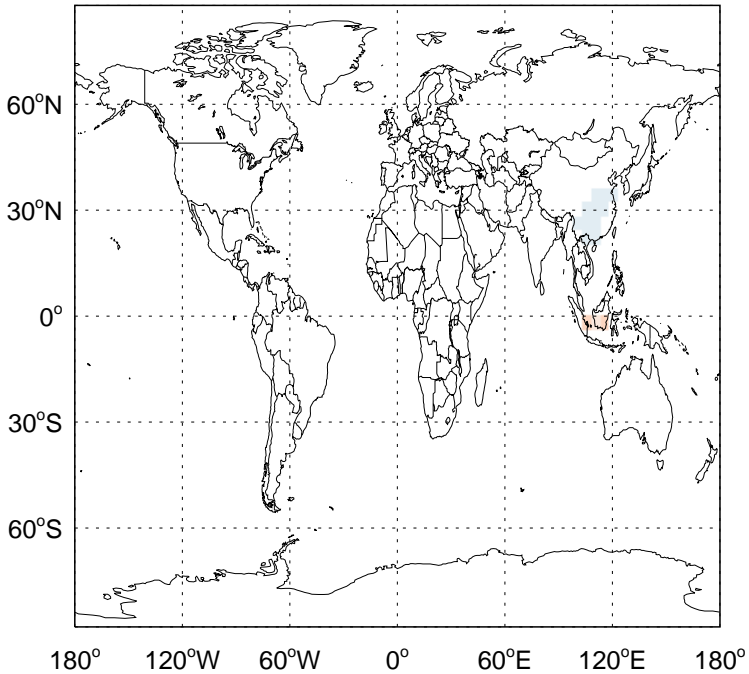
v11-02f-Run0 - v11-02e-Run1  
ASOA1 - Diff @ Surface for Oct



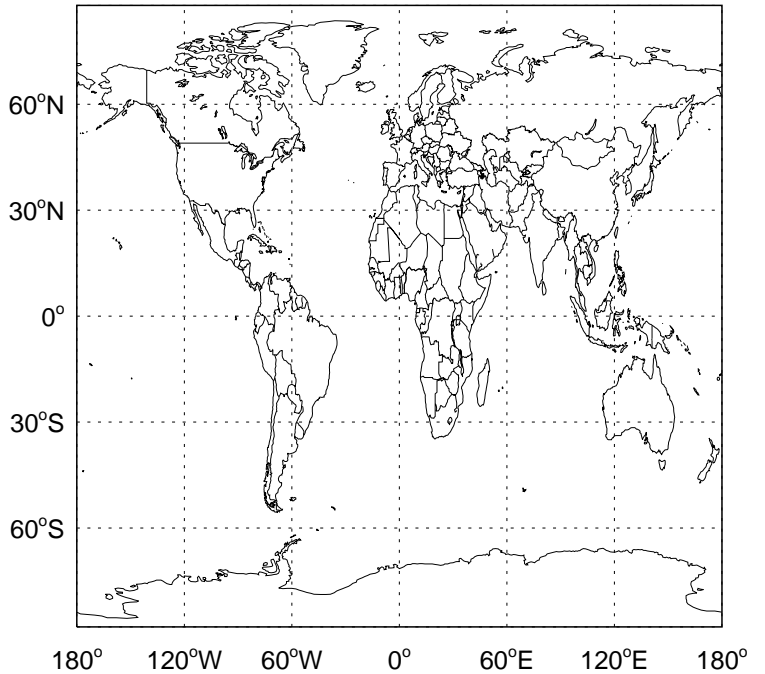
v11-02f-Run0 - v11-02e-Run1  
ASOA1- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOA1 - Diff @ Surface for Oct

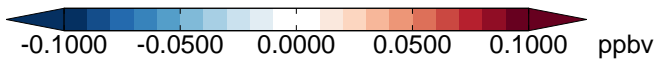
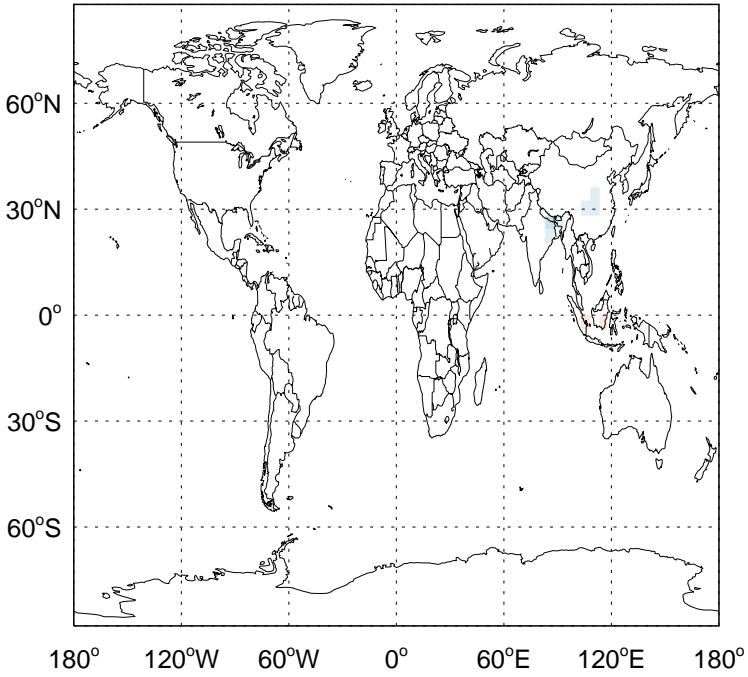


v11-02f-Run0 - v11-02e-Run0  
ASOA1- Diff @ 500 hPa for Oct

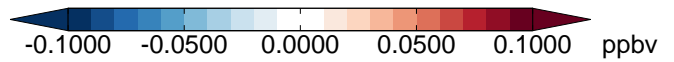


# GEOS-Chem Difference Maps at surface and 500 hPa

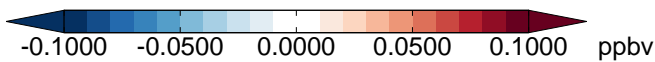
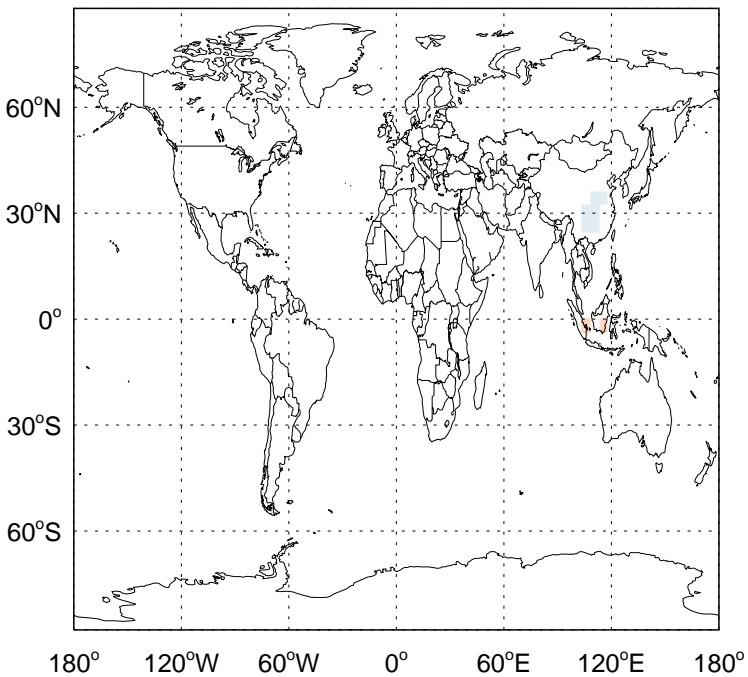
v11-02f-Run0 - v11-02e-Run1  
ASOA2 - Diff @ Surface for Oct



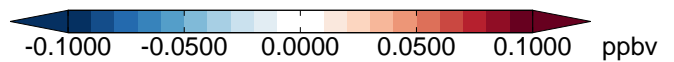
v11-02f-Run0 - v11-02e-Run1  
ASOA2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOA2 - Diff @ Surface for Oct

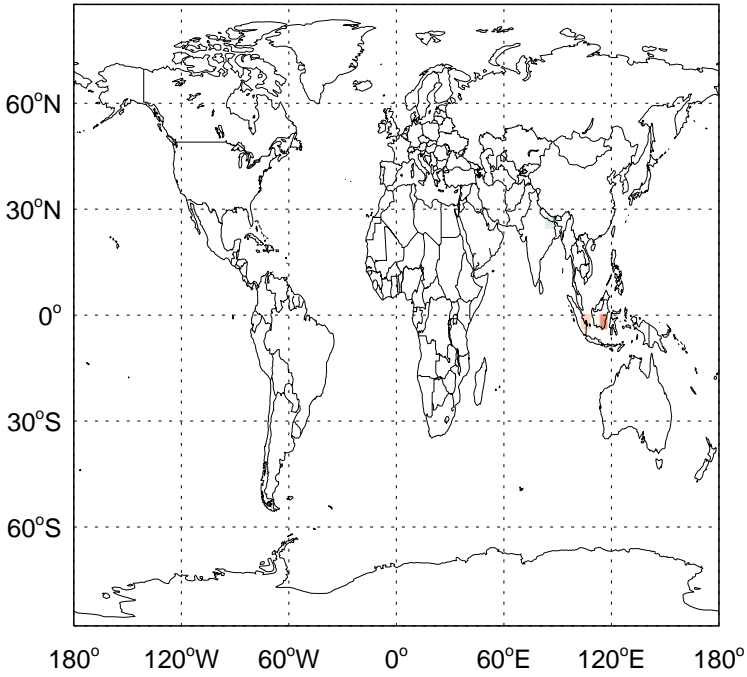


v11-02f-Run0 - v11-02e-Run0  
ASOA2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

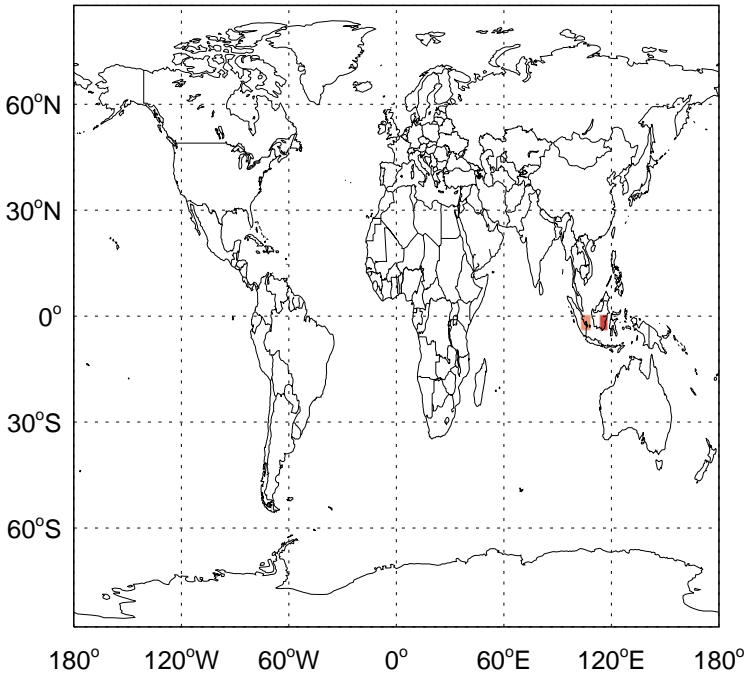
v11-02f-Run0 - v11-02e-Run1  
ASOA3 - Diff @ Surface for Oct



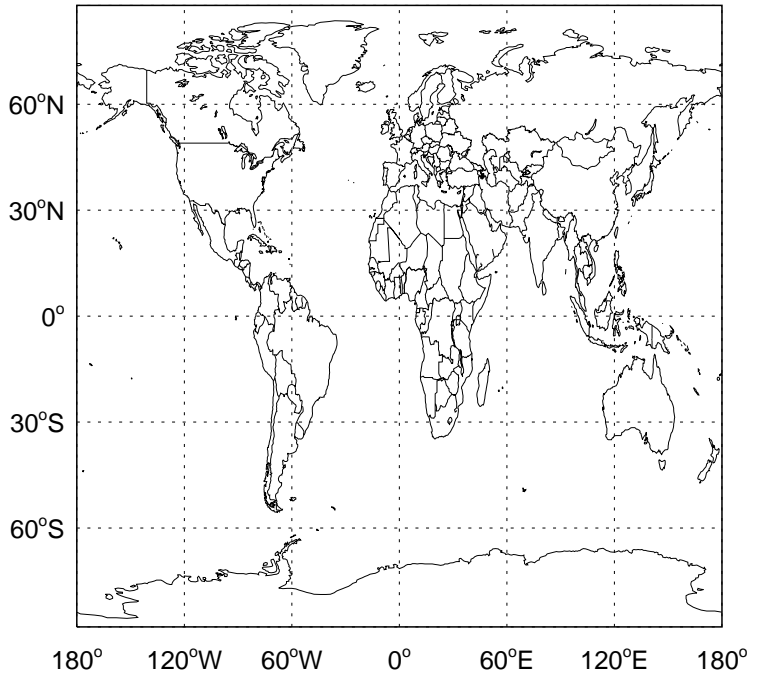
v11-02f-Run0 - v11-02e-Run1  
ASOA3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ASOA3 - Diff @ Surface for Oct

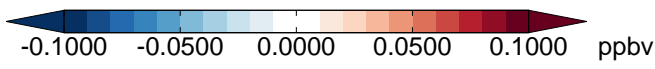
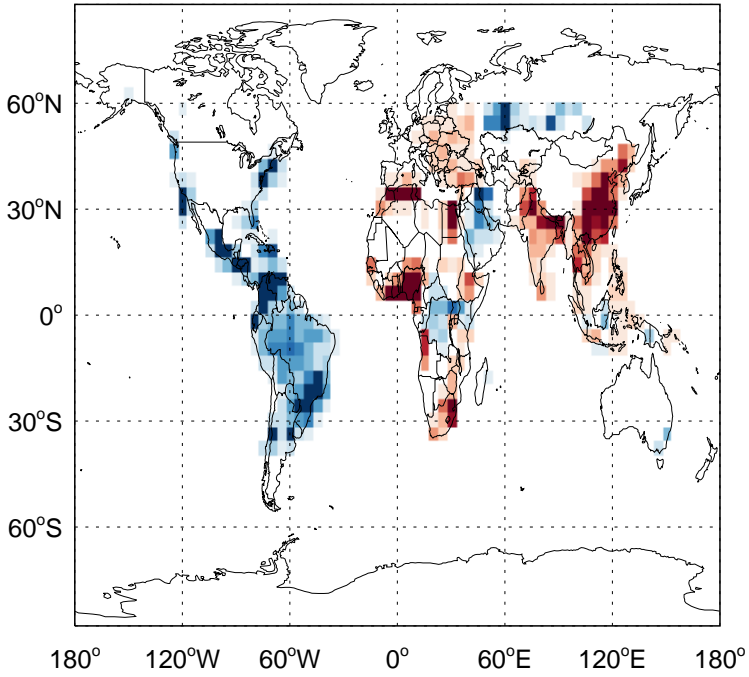


v11-02f-Run0 - v11-02e-Run0  
ASOA3- Diff @ 500 hPa for Oct

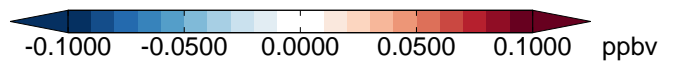
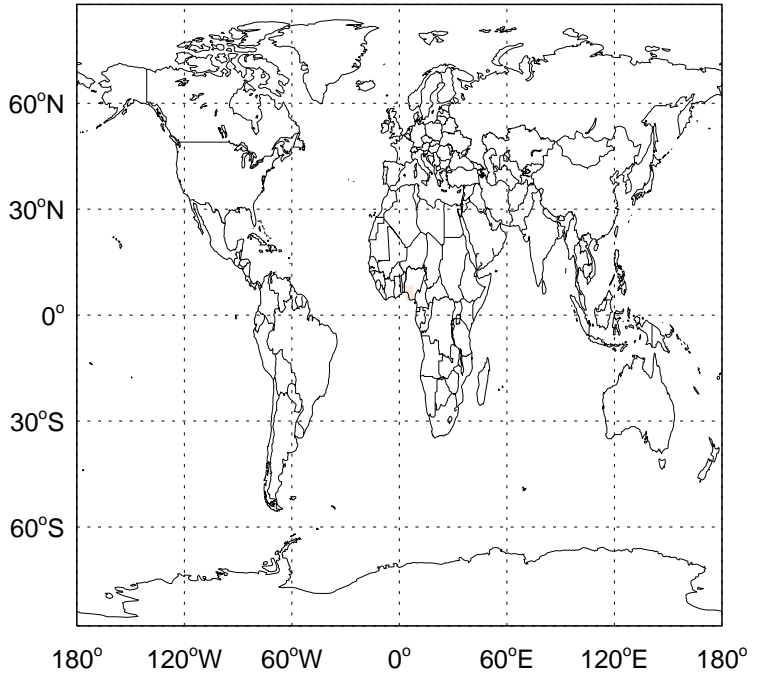


# GEOS-Chem Difference Maps at surface and 500 hPa

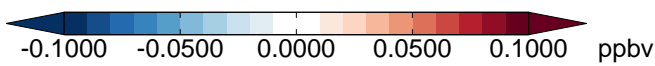
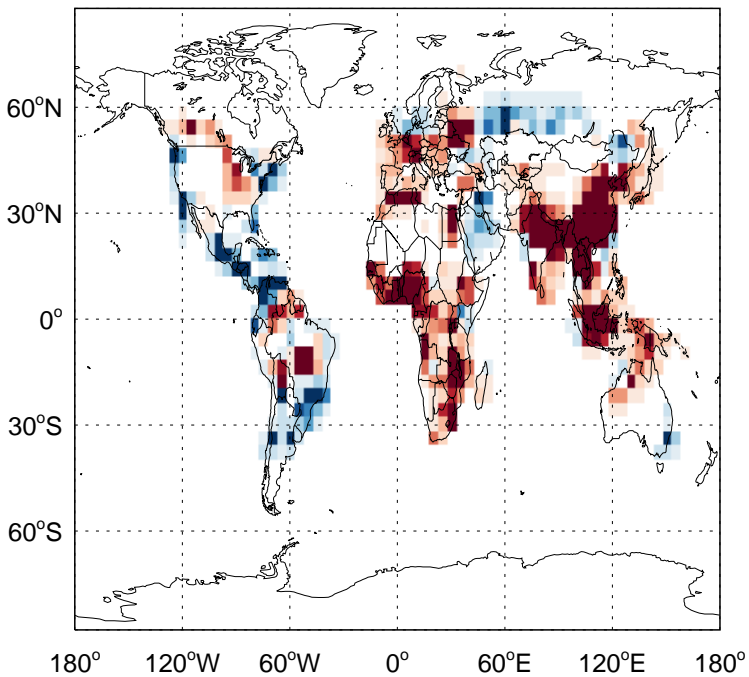
v11-02f-Run0 - v11-02e-Run1  
SOAP - Diff @ Surface for Oct



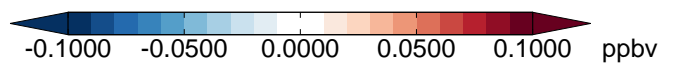
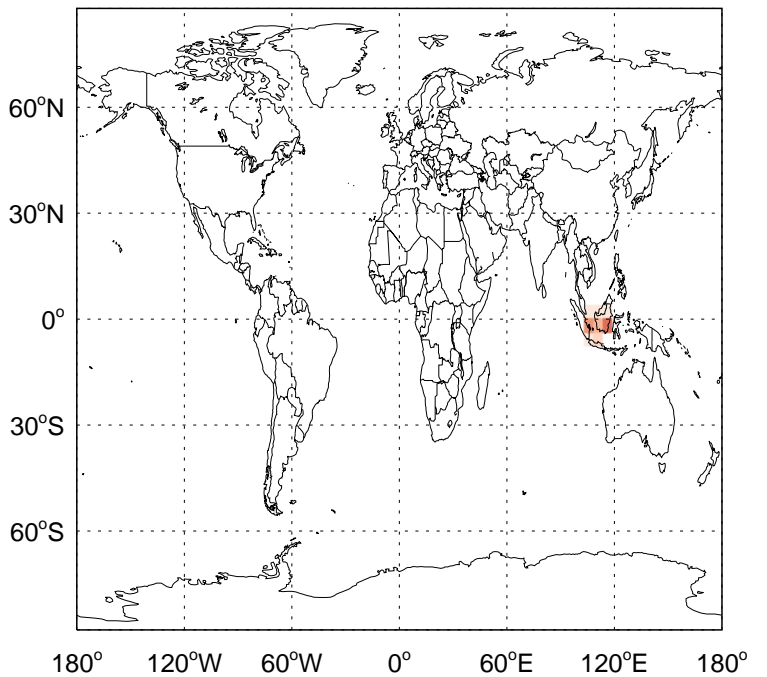
v11-02f-Run0 - v11-02e-Run1  
SOAP - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAP - Diff @ Surface for Oct



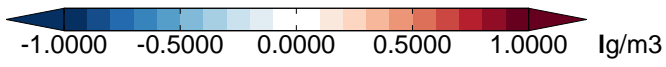
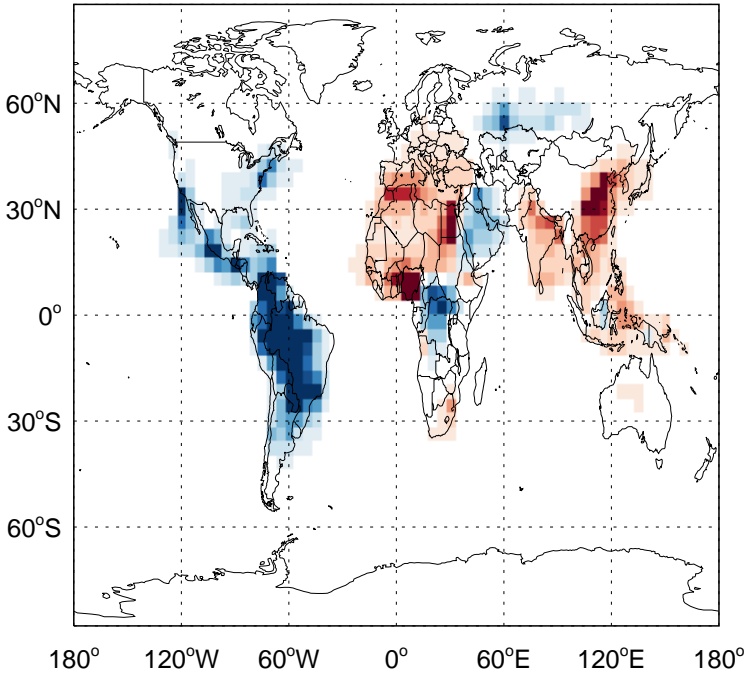
v11-02f-Run0 - v11-02e-Run0  
SOAP - Diff @ 500 hPa for Oct



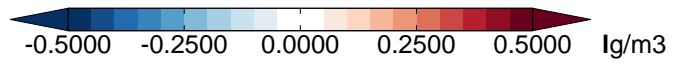
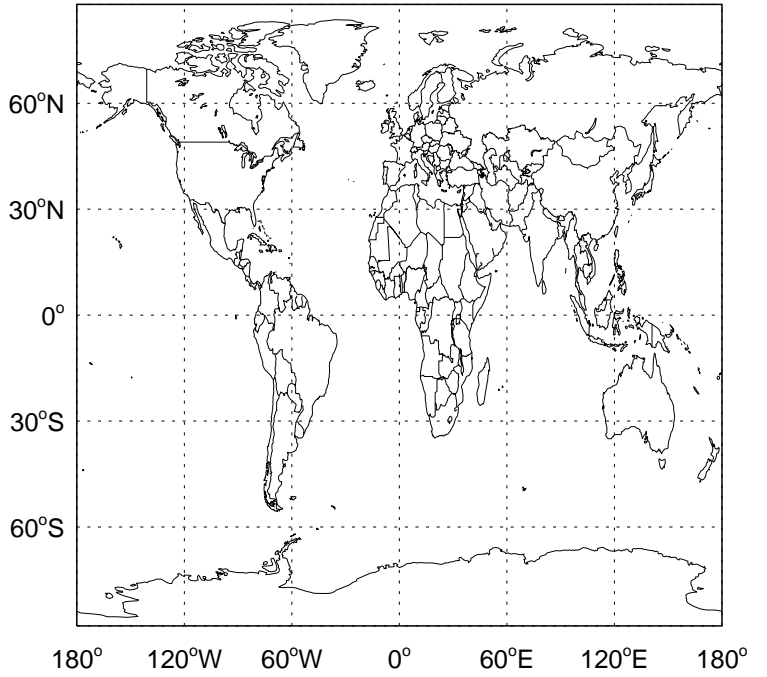


# GEOS-Chem Difference Maps at surface and 500 hPa

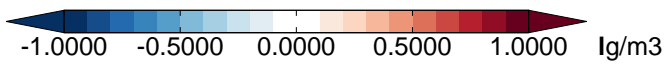
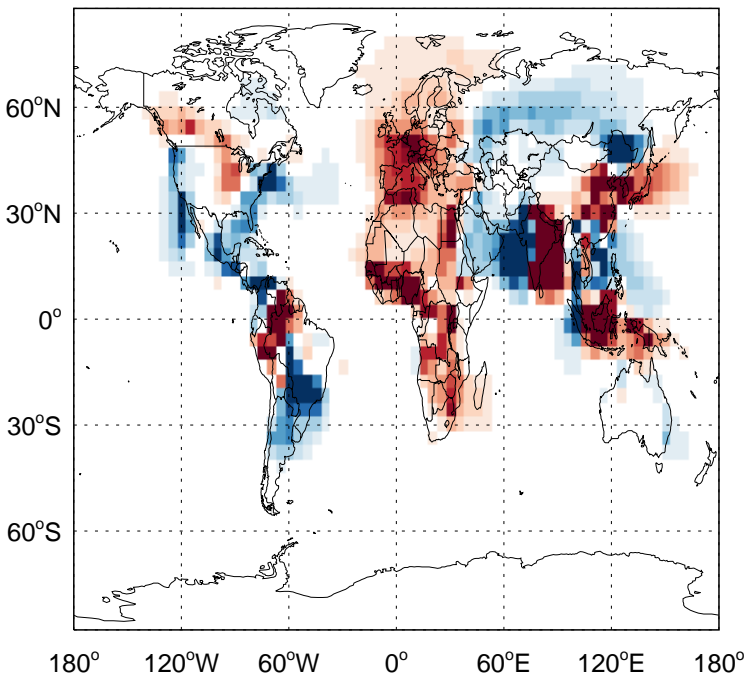
v11-02f-Run0 - v11-02e-Run1  
SOAS - Diff @ Surface for Oct



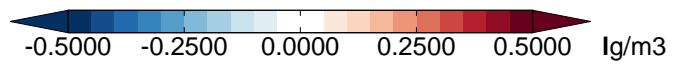
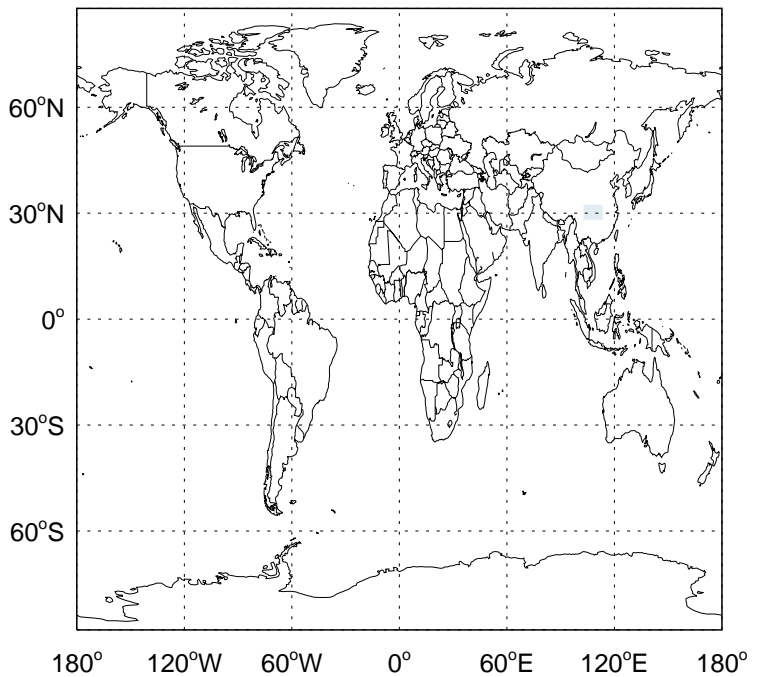
v11-02f-Run0 - v11-02e-Run1  
SOAS- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAS - Diff @ Surface for Oct

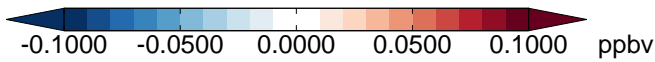
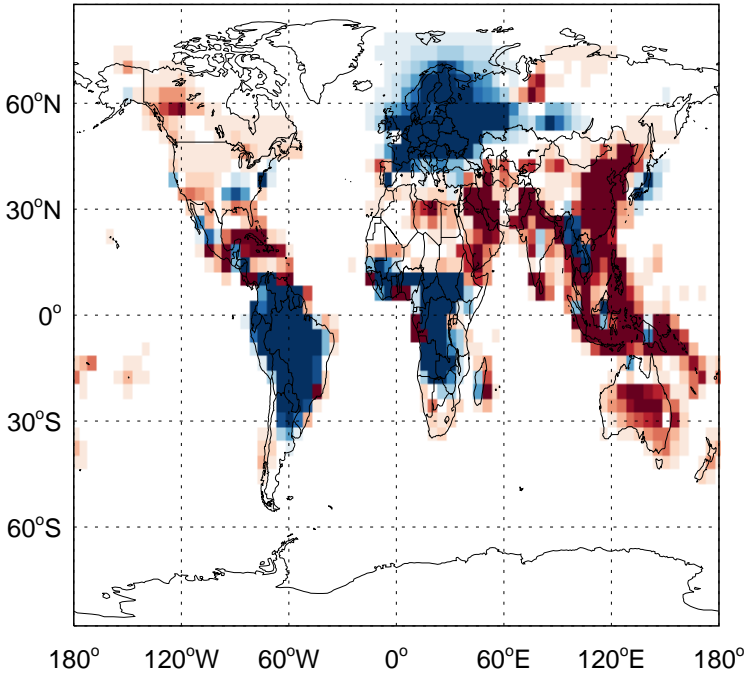


v11-02f-Run0 - v11-02e-Run0  
SOAS- Diff @ 500 hPa for Oct

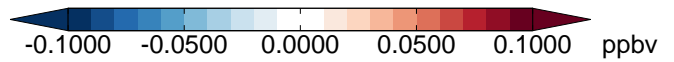
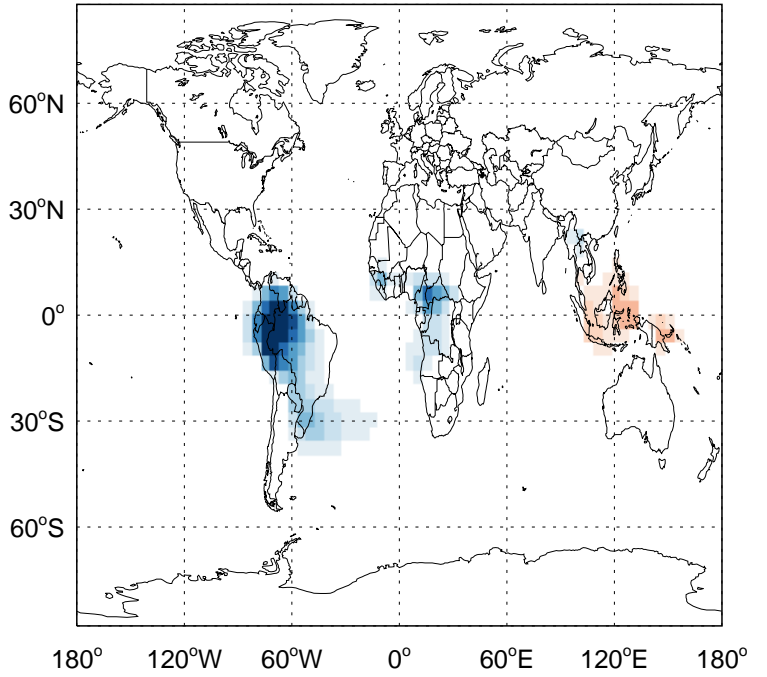


# GEOS-Chem Difference Maps at surface and 500 hPa

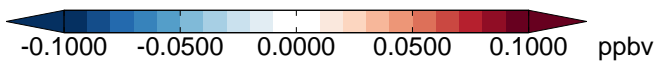
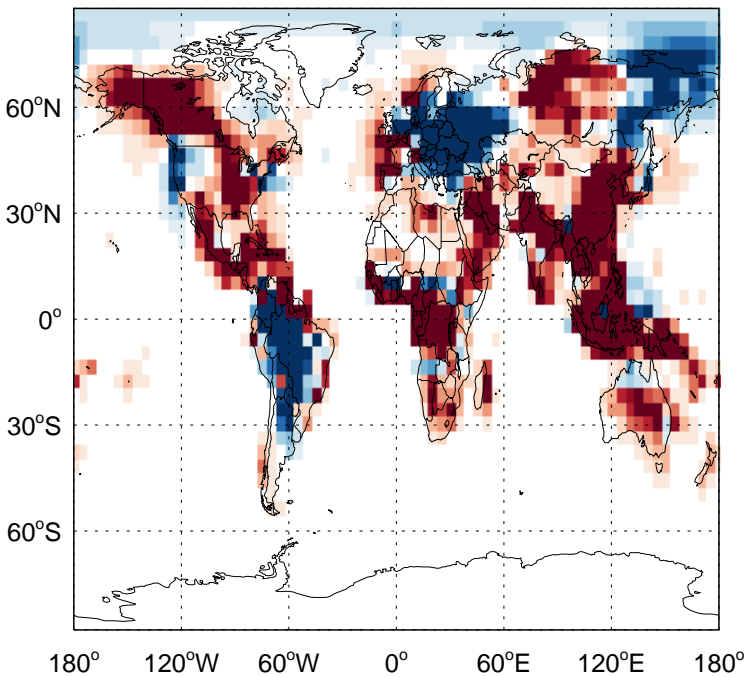
v11-02f-Run0 - v11-02e-Run1  
EOH - Diff @ Surface for Oct



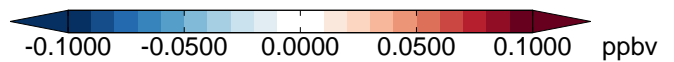
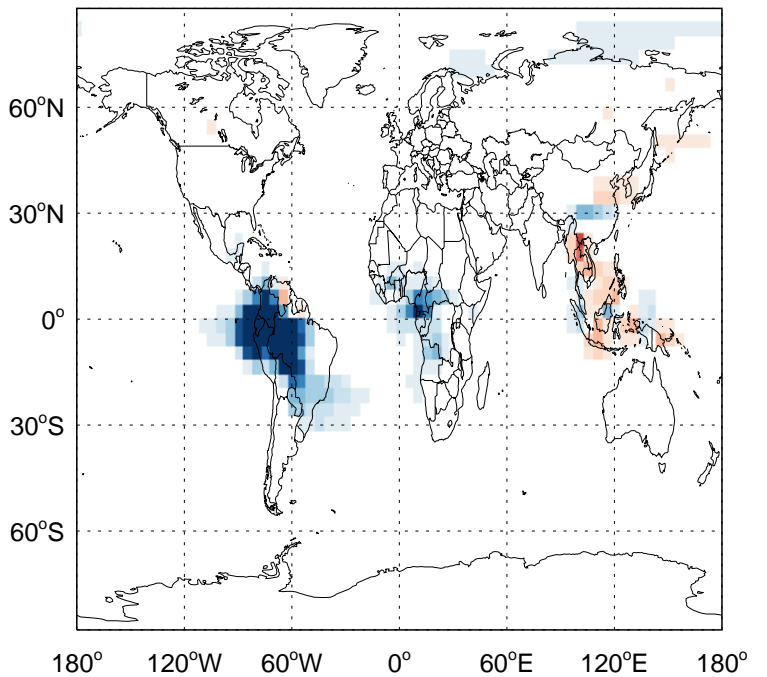
v11-02f-Run0 - v11-02e-Run1  
EOH- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
EOH - Diff @ Surface for Oct

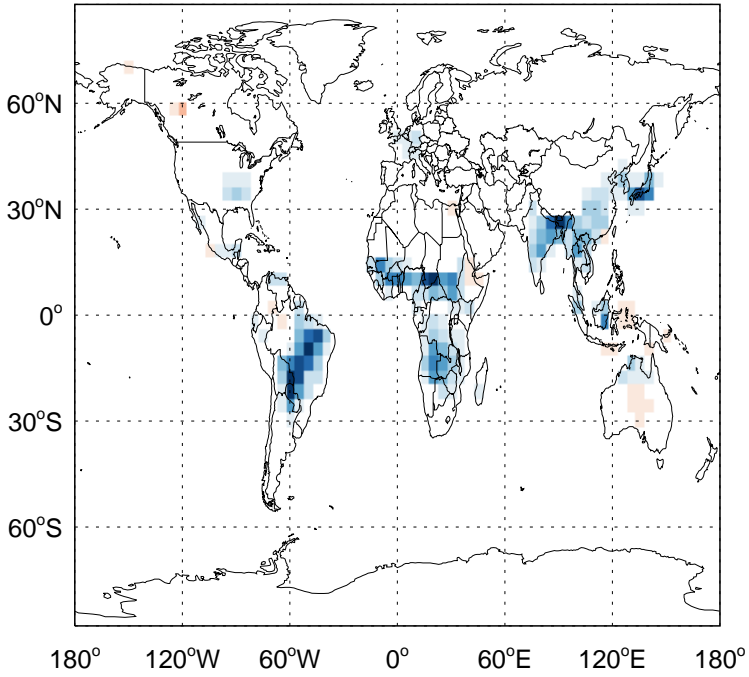


v11-02f-Run0 - v11-02e-Run0  
EOH- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

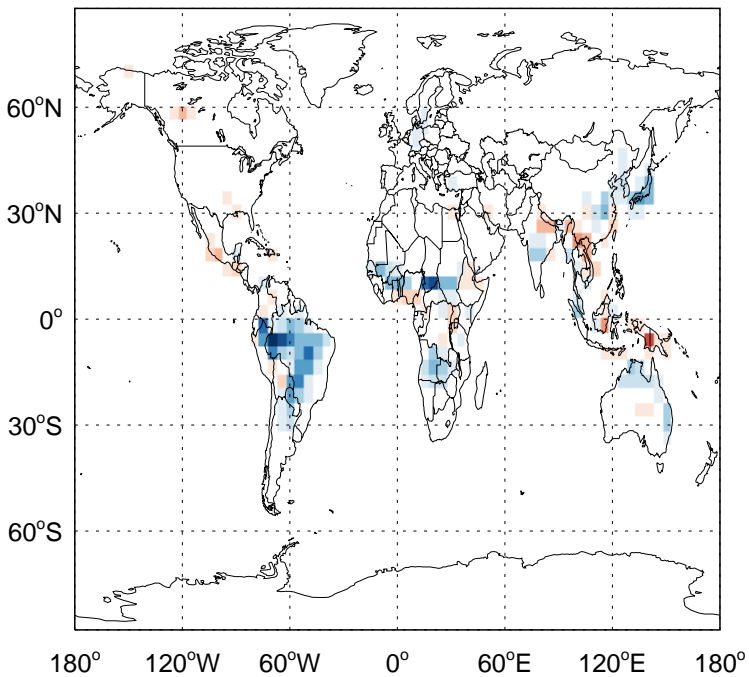
v11-02f-Run0 - v11-02e-Run1  
MGLY - Diff @ Surface for Oct



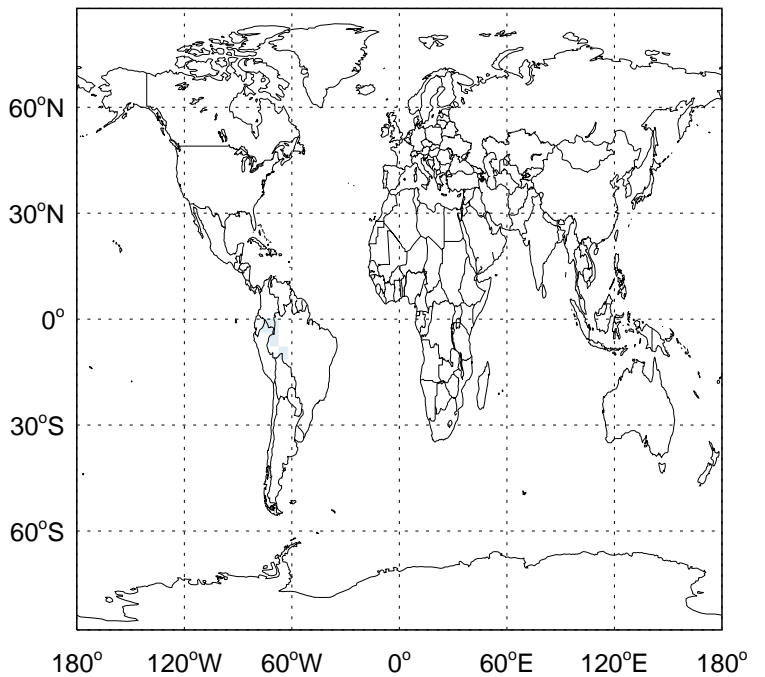
v11-02f-Run0 - v11-02e-Run1  
MGLY- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MGLY - Diff @ Surface for Oct

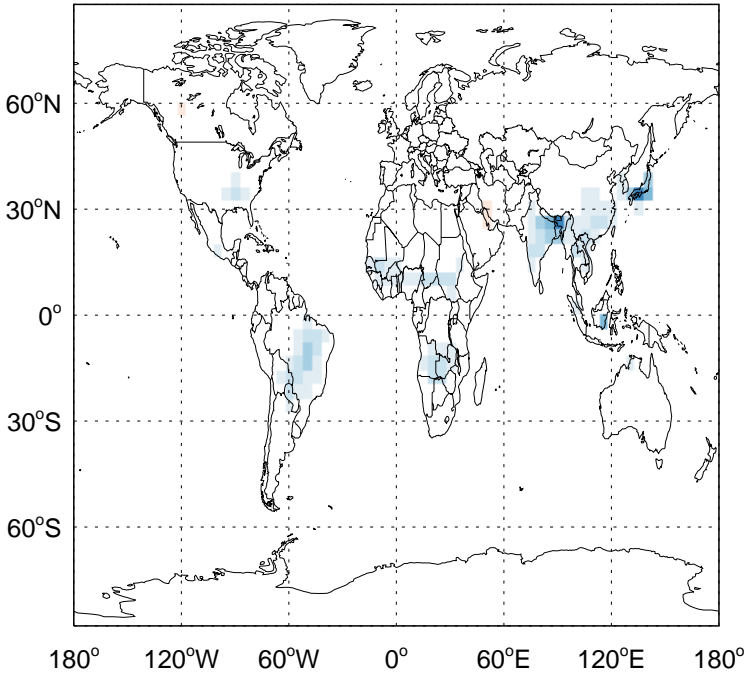


v11-02f-Run0 - v11-02e-Run0  
MGLY- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

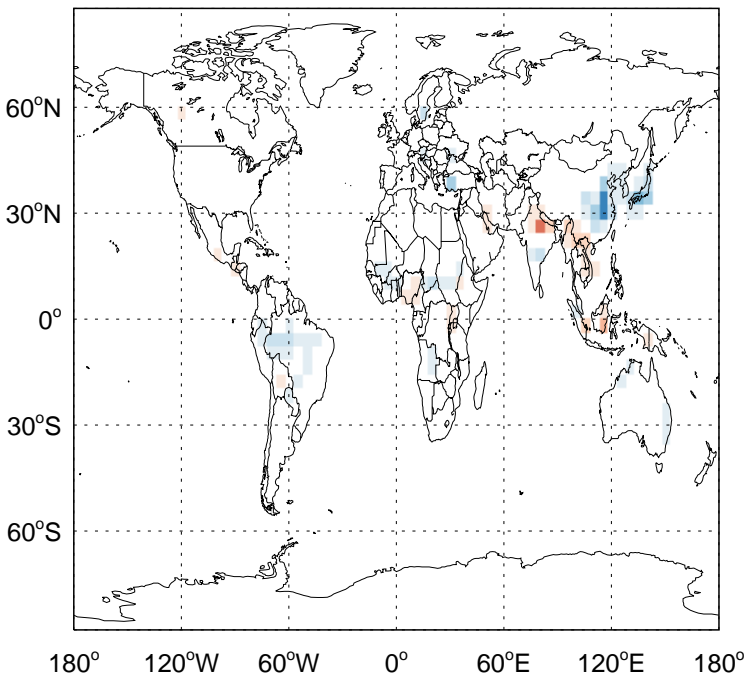
v11-02f-Run0 - v11-02e-Run1  
GLYX - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
GLYX- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
GLYX - Diff @ Surface for Oct

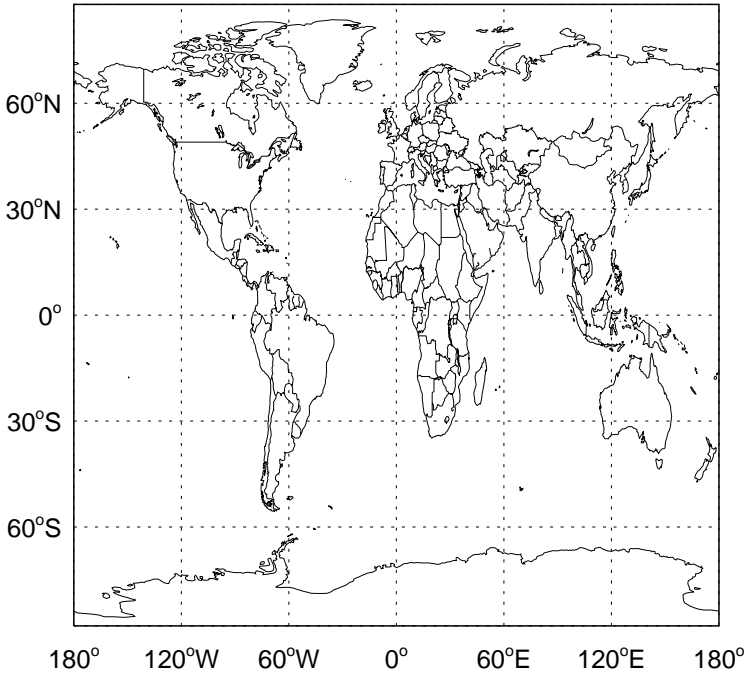


v11-02f-Run0 - v11-02e-Run0  
GLYX- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

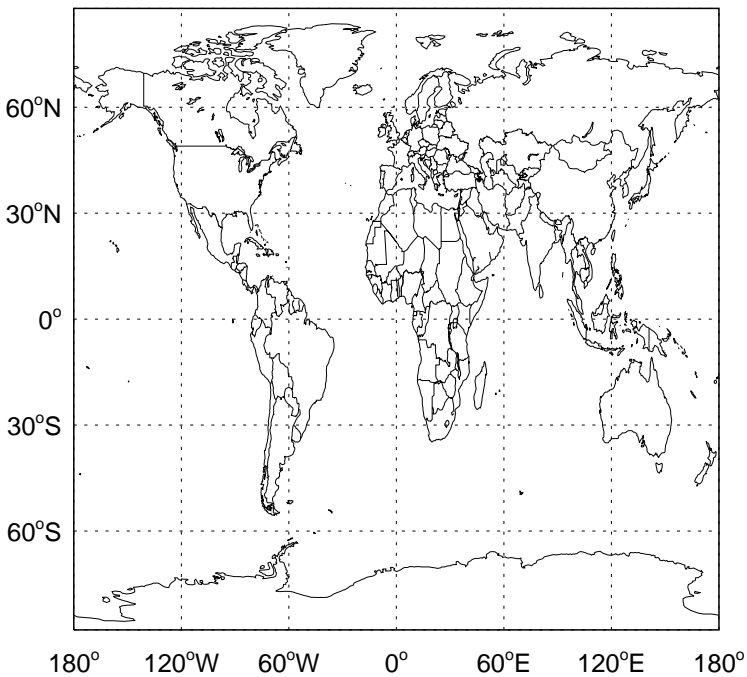
v11-02f-Run0 - v11-02e-Run1  
ACTA - Diff @ Surface for Oct



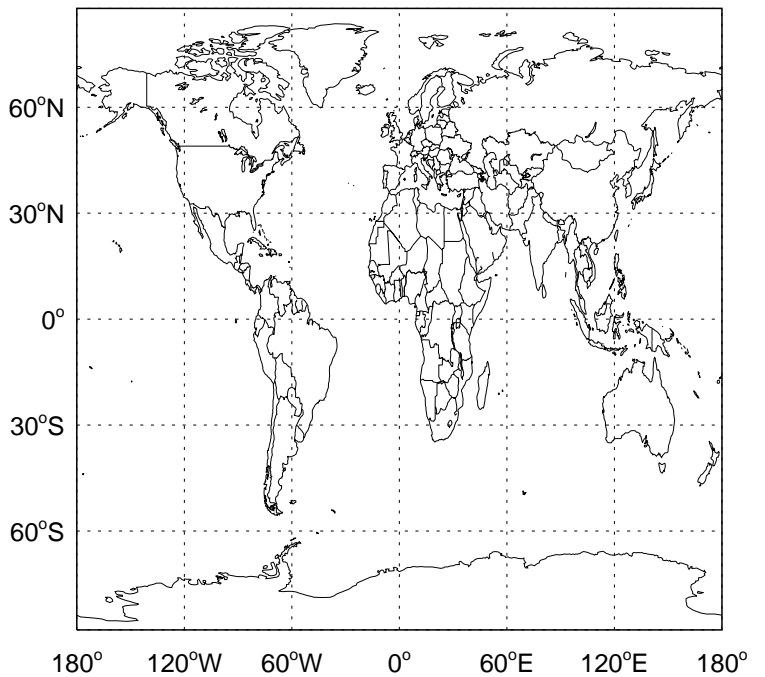
v11-02f-Run0 - v11-02e-Run1  
ACTA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ACTA - Diff @ Surface for Oct

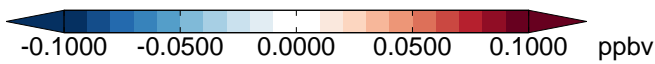
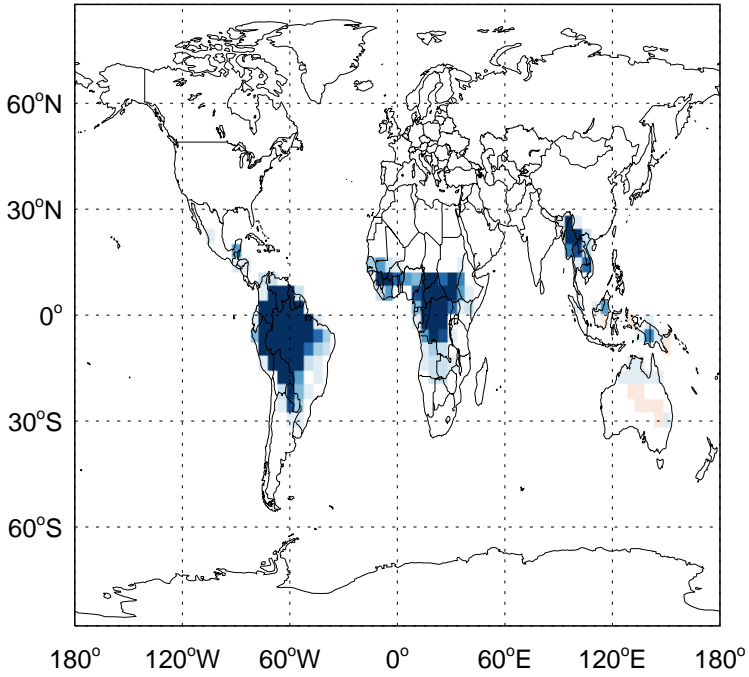


v11-02f-Run0 - v11-02e-Run0  
ACTA- Diff @ 500 hPa for Oct

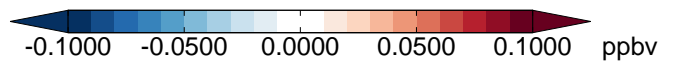
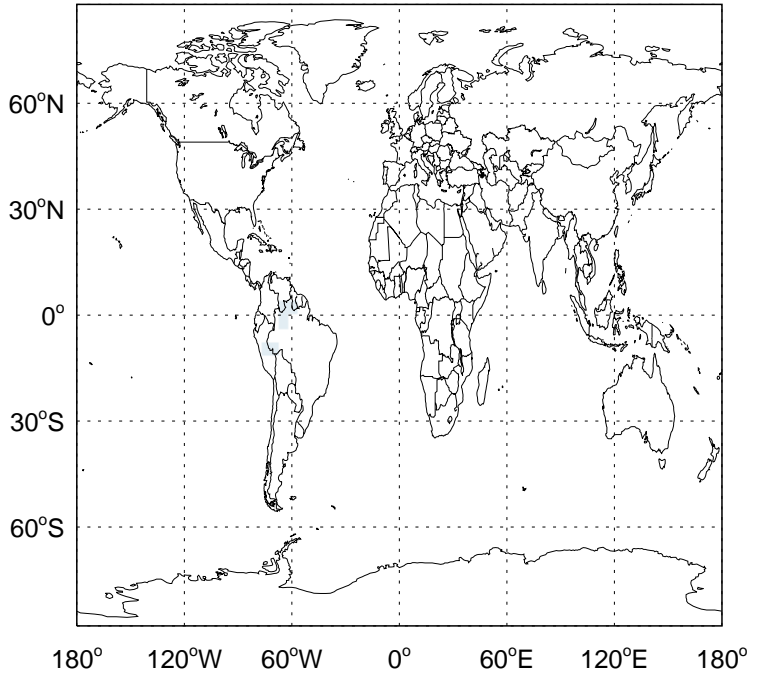


# GEOS-Chem Difference Maps at surface and 500 hPa

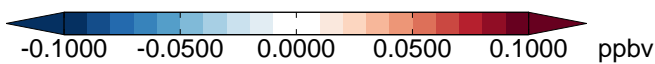
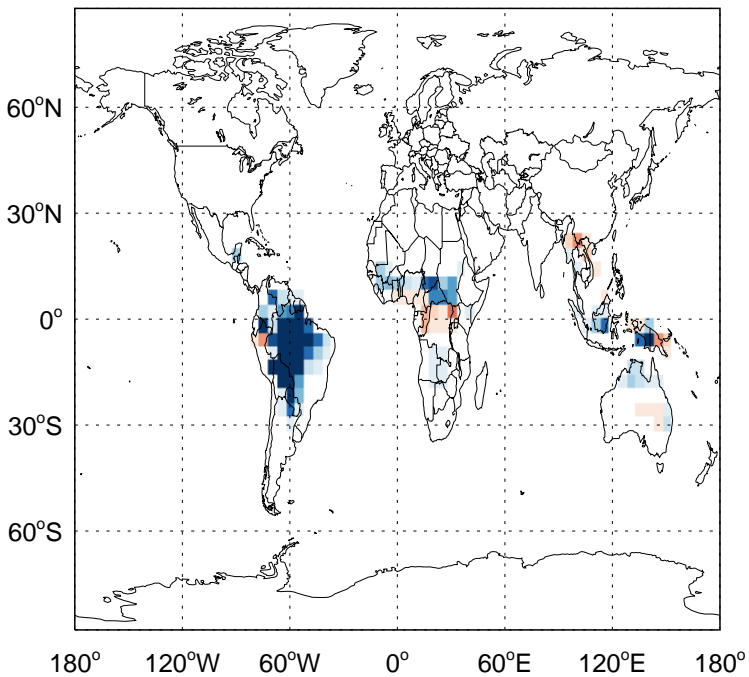
v11-02f-Run0 - v11-02e-Run1  
HPALD - Diff @ Surface for Oct



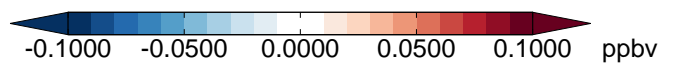
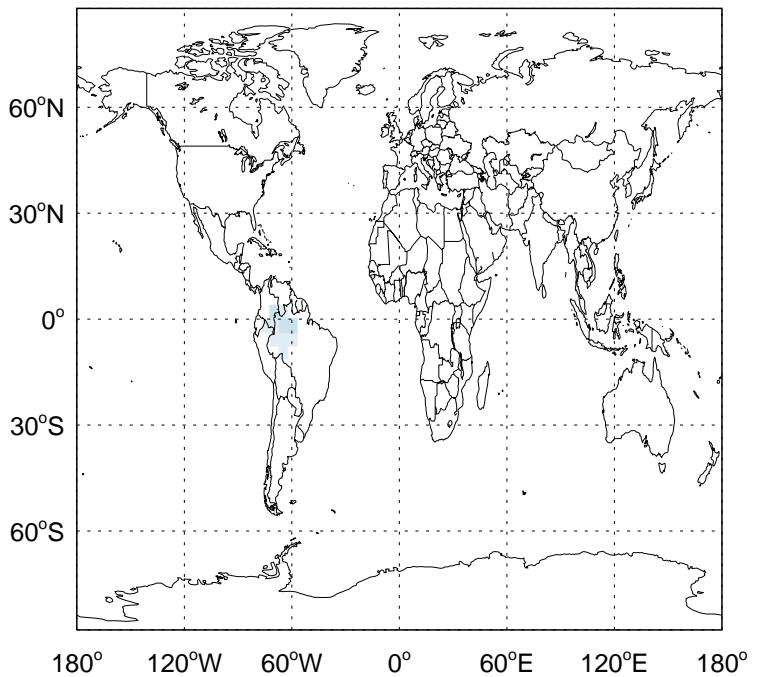
v11-02f-Run0 - v11-02e-Run1  
HPALD- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HPALD - Diff @ Surface for Oct



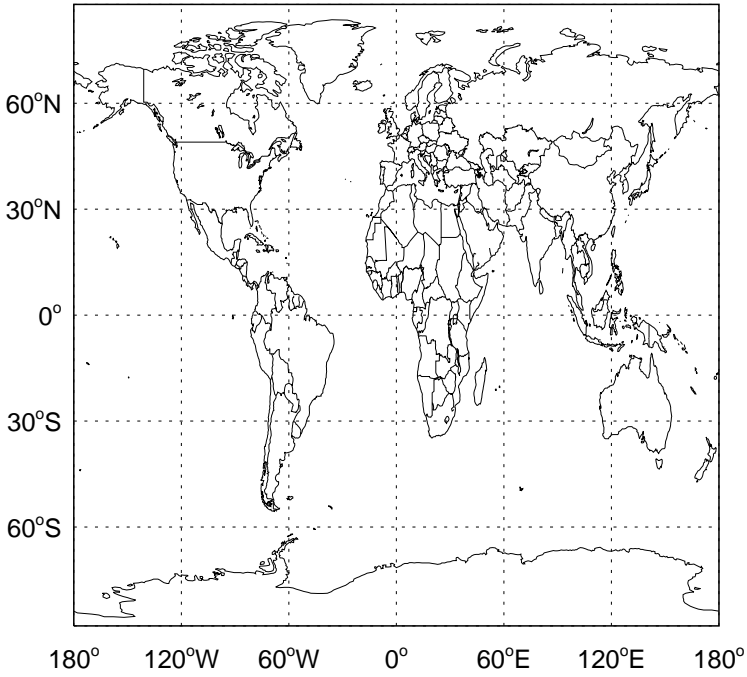
v11-02f-Run0 - v11-02e-Run0  
HPALD- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

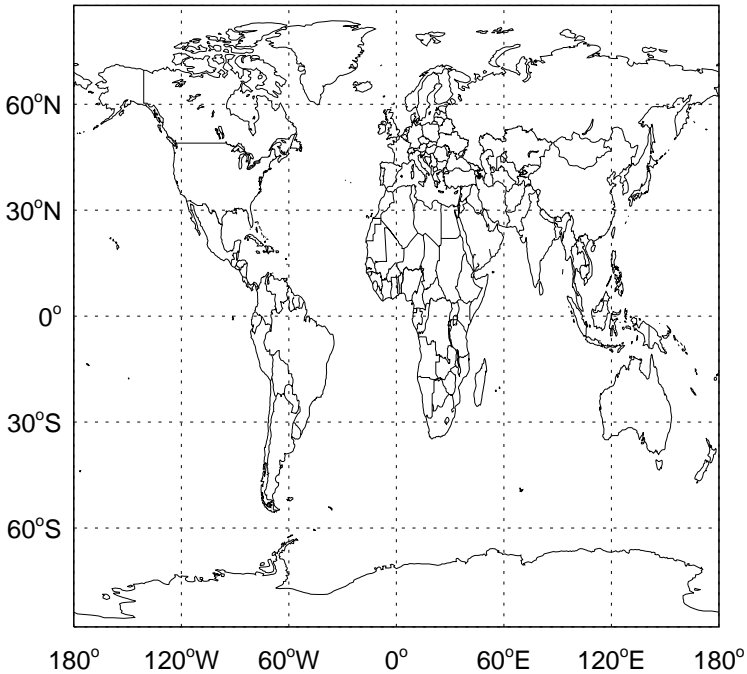
v11-02f-Run0 - v11-02e-Run1  
DHDN - Diff @ Surface for Oct



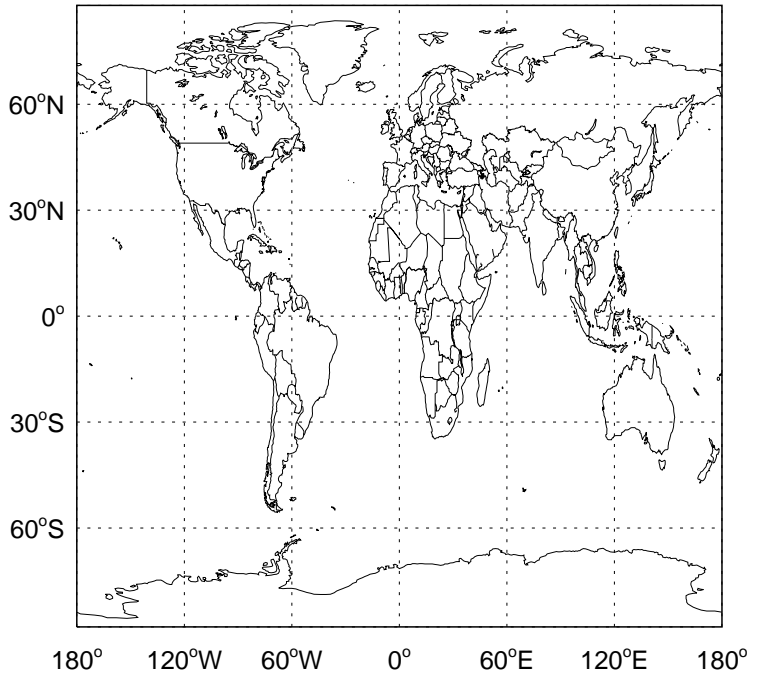
v11-02f-Run0 - v11-02e-Run1  
DHDN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
DHDN - Diff @ Surface for Oct

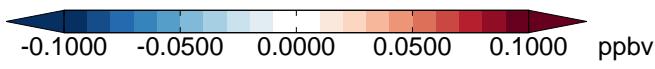
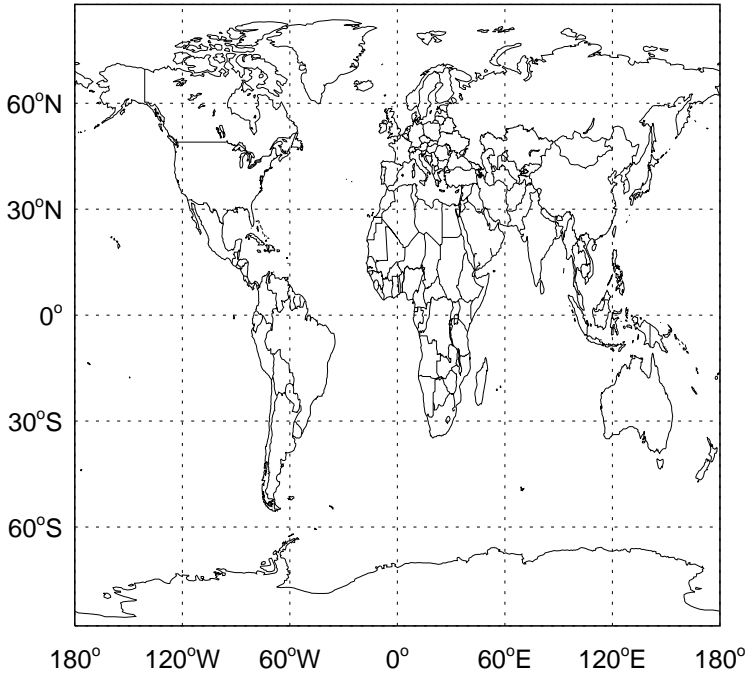


v11-02f-Run0 - v11-02e-Run0  
DHDN- Diff @ 500 hPa for Oct

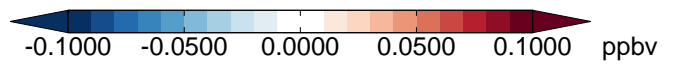


# GEOS-Chem Difference Maps at surface and 500 hPa

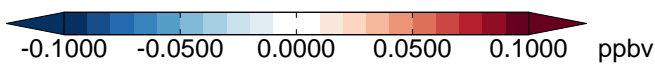
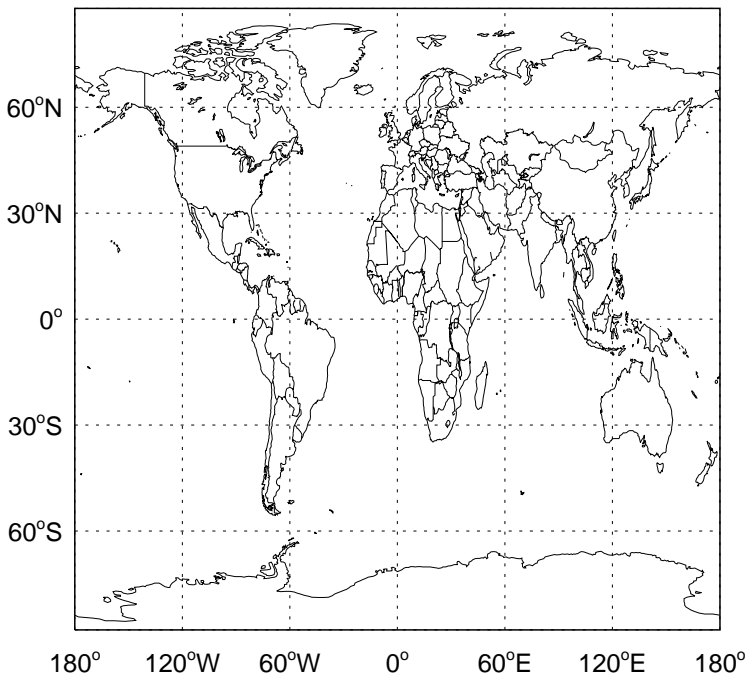
v11-02f-Run0 - v11-02e-Run1  
ETHLN - Diff @ Surface for Oct



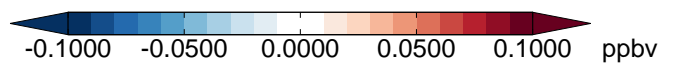
v11-02f-Run0 - v11-02e-Run1  
ETHLN- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ETHLN - Diff @ Surface for Oct

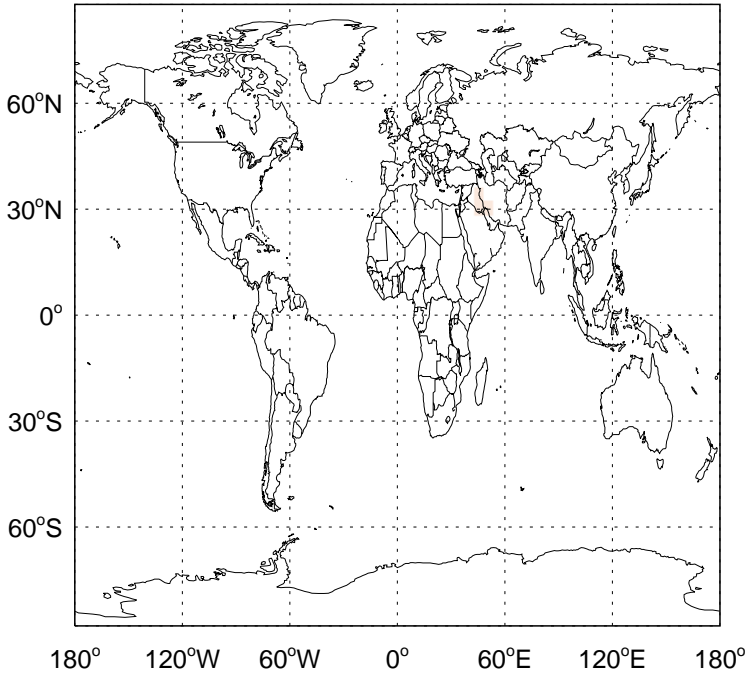


v11-02f-Run0 - v11-02e-Run0  
ETHLN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

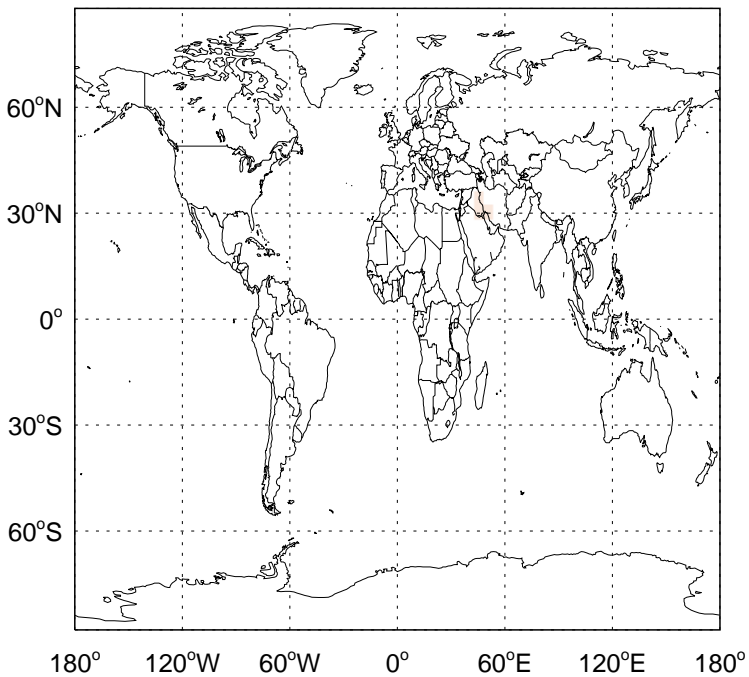
v11-02f-Run0 - v11-02e-Run1  
HCOOH - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
HCOOH- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HCOOH - Diff @ Surface for Oct

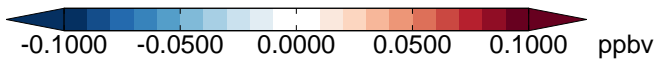
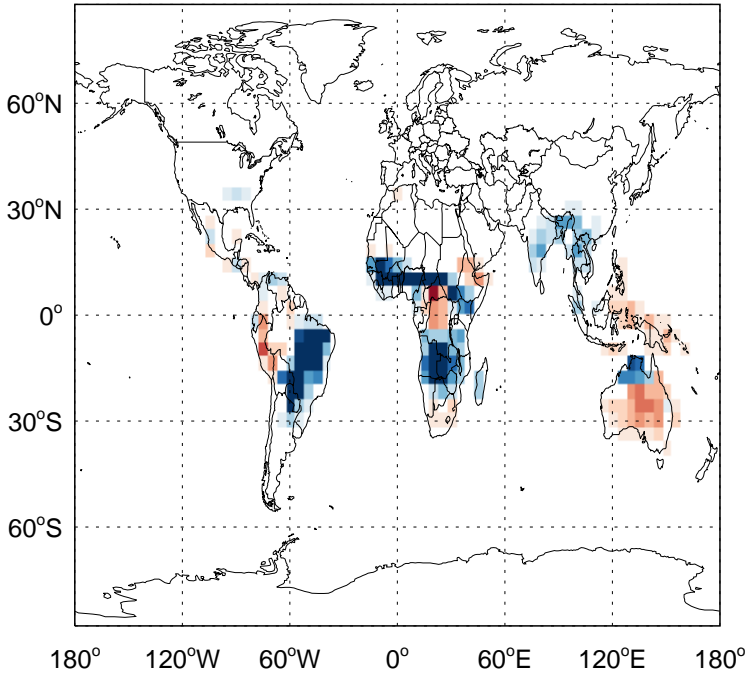


v11-02f-Run0 - v11-02e-Run0  
HCOOH- Diff @ 500 hPa for Oct

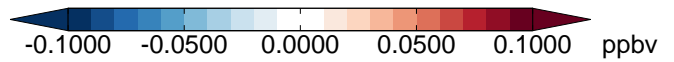
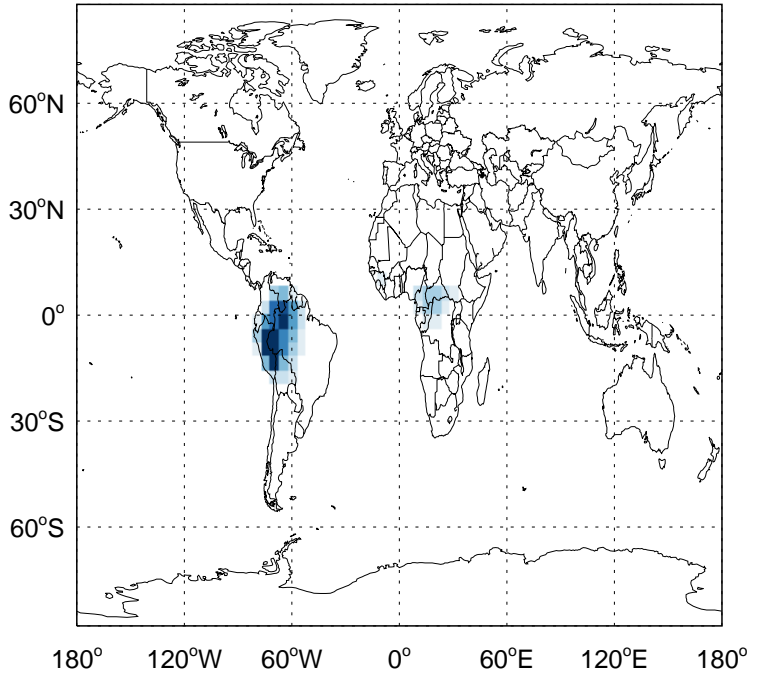


# GEOS-Chem Difference Maps at surface and 500 hPa

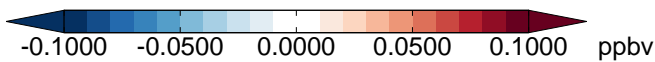
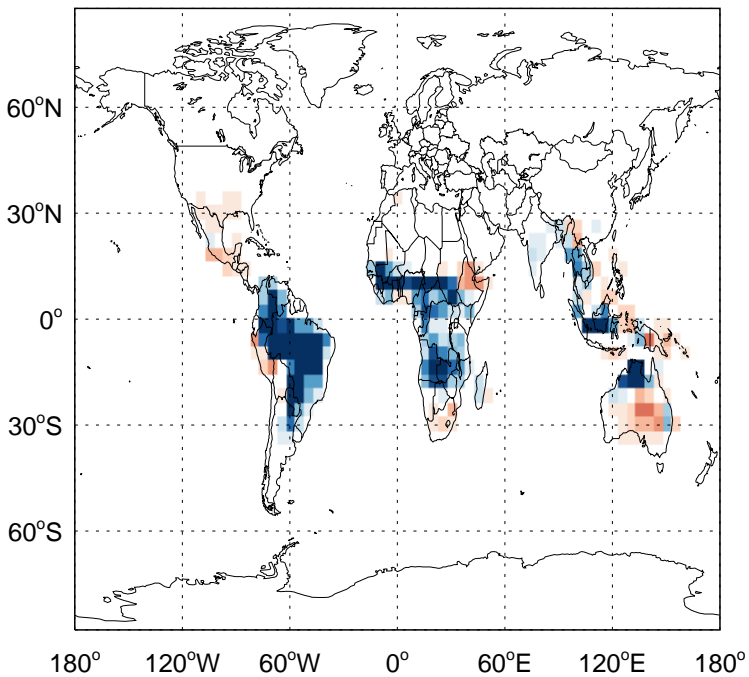
v11-02f-Run0 - v11-02e-Run1  
IEPOXA - Diff @ Surface for Oct



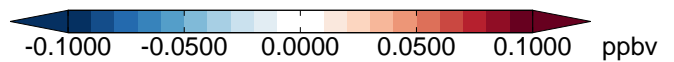
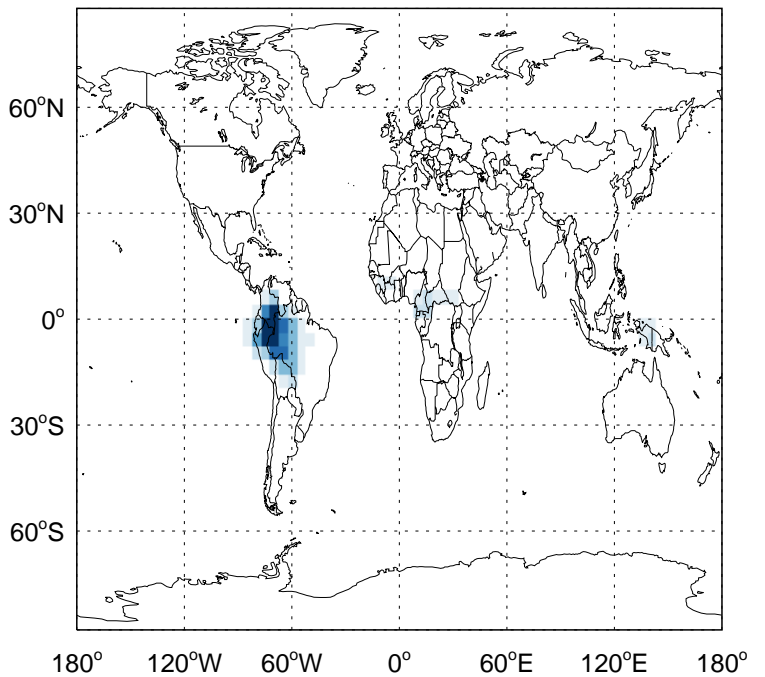
v11-02f-Run0 - v11-02e-Run1  
IEPOXA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
IEPOXA - Diff @ Surface for Oct

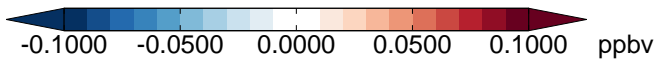
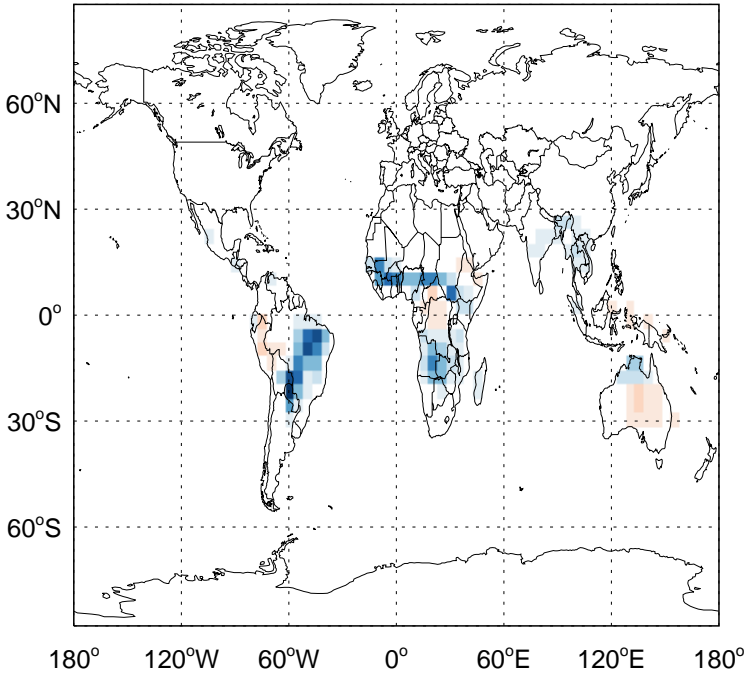


v11-02f-Run0 - v11-02e-Run0  
IEPOXA- Diff @ 500 hPa for Oct

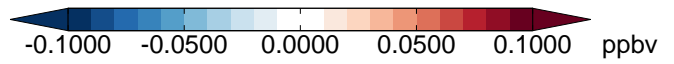
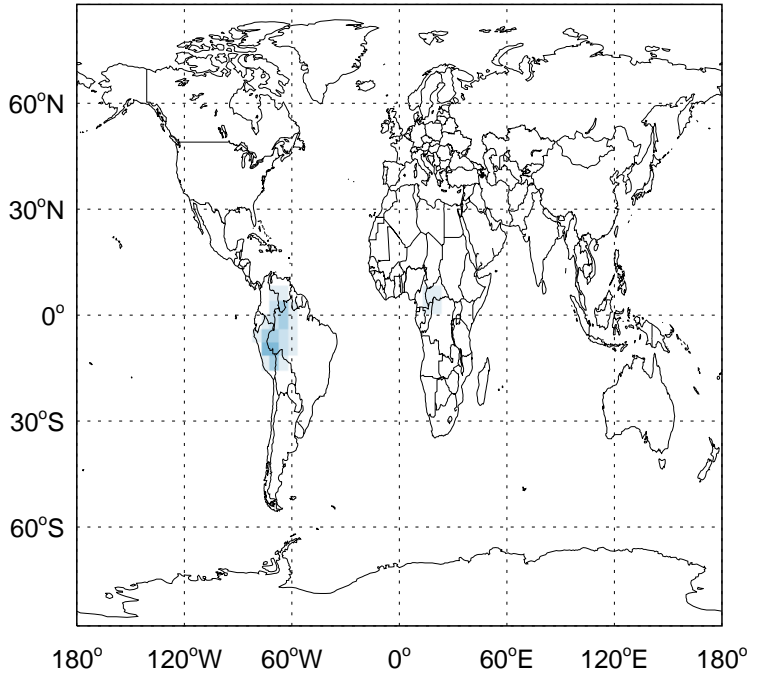


# GEOS-Chem Difference Maps at surface and 500 hPa

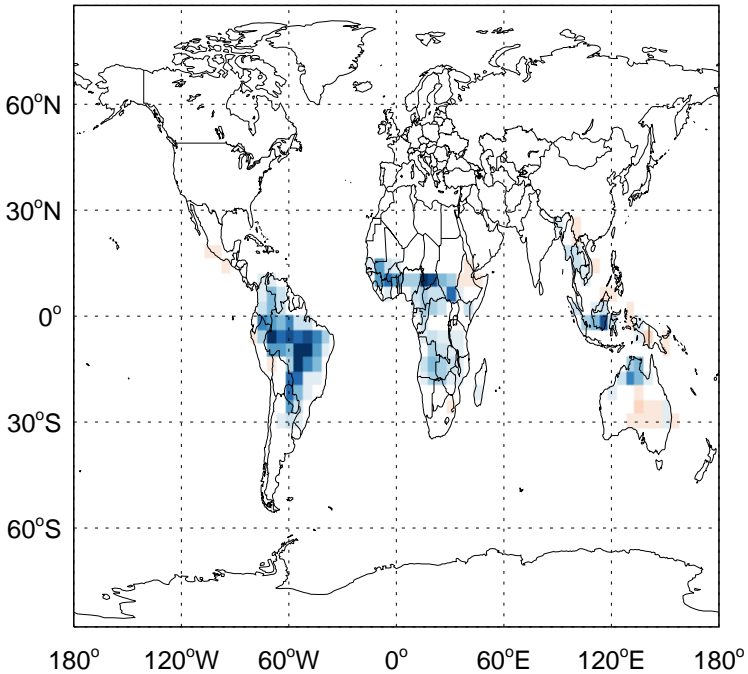
v11-02f-Run0 - v11-02e-Run1  
IEPOXB - Diff @ Surface for Oct



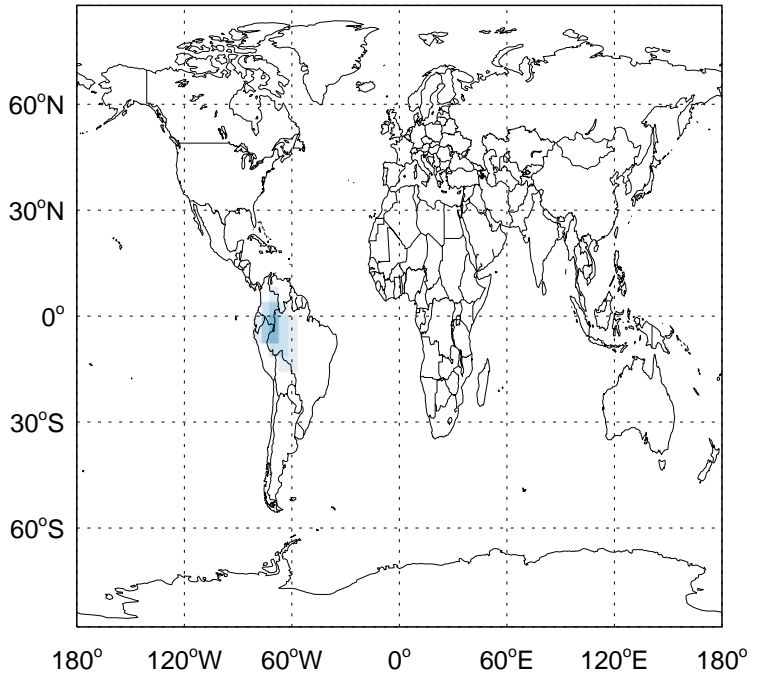
v11-02f-Run0 - v11-02e-Run1  
IEPOXB- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
IEPOXB - Diff @ Surface for Oct

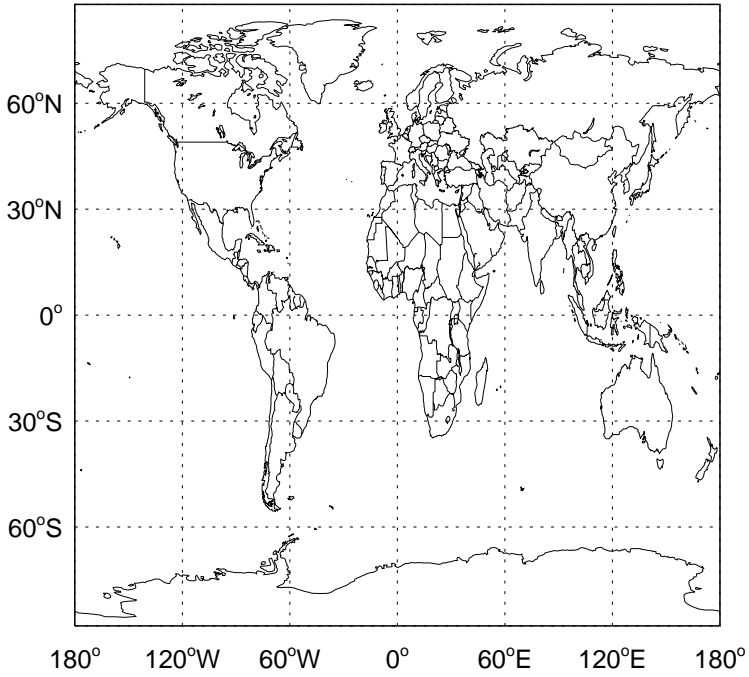


v11-02f-Run0 - v11-02e-Run0  
IEPOXB- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

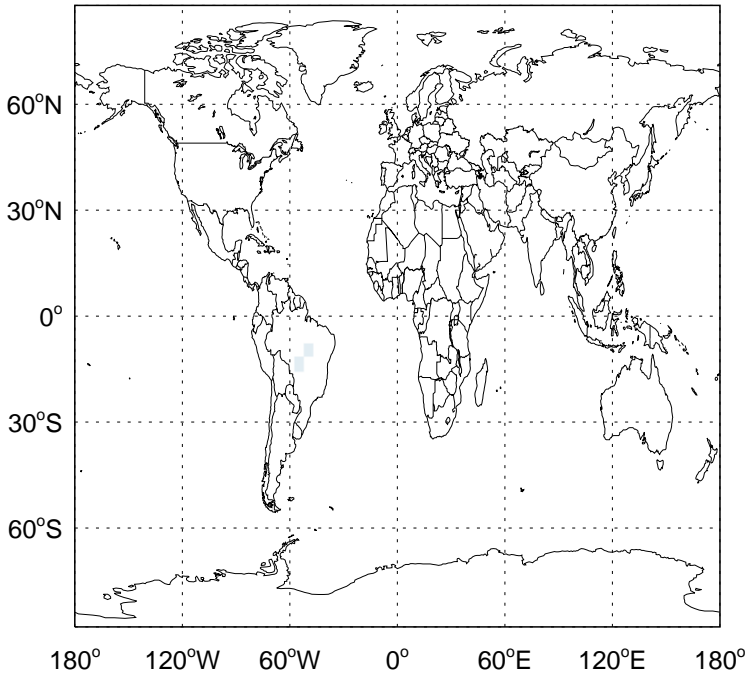
v11-02f-Run0 - v11-02e-Run1  
IEPOXD - Diff @ Surface for Oct



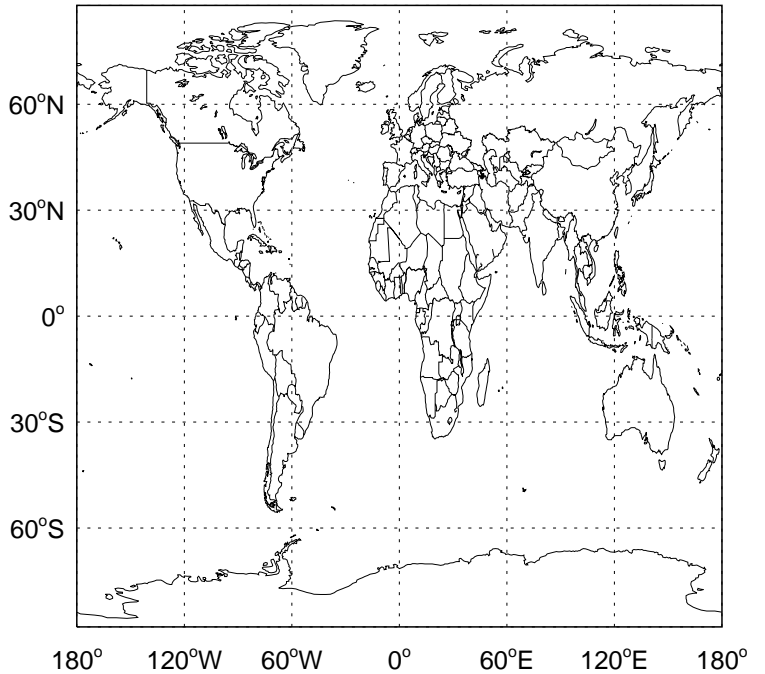
v11-02f-Run0 - v11-02e-Run1  
IEPOXD- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
IEPOXD - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
IEPOXD- Diff @ 500 hPa for Oct

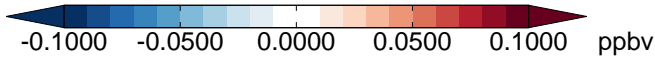
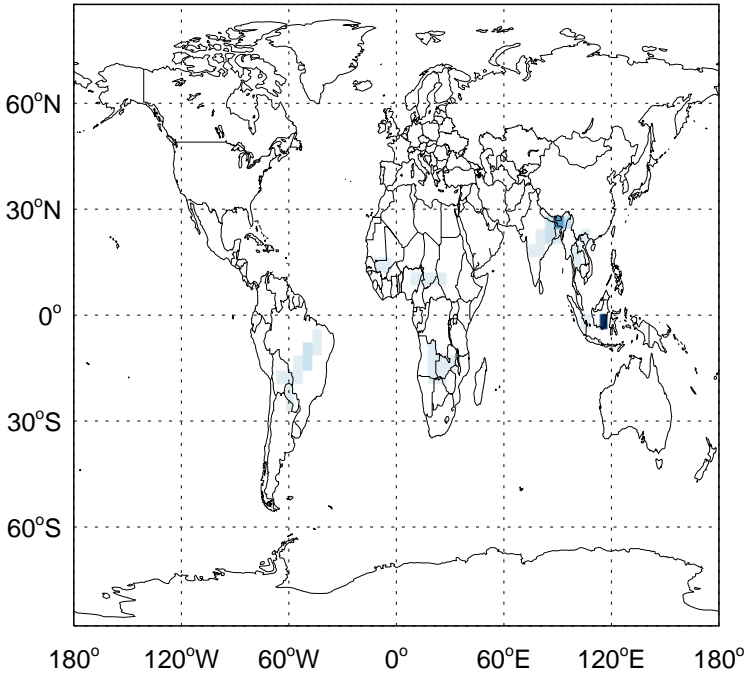




# GEOS-Chem Difference Maps at surface and 500 hPa

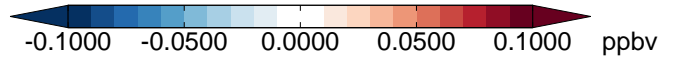
v11-02f-Run0 - v11-02e-Run1

ISN1 - Diff @ Surface for Oct



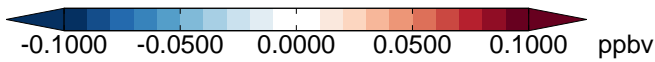
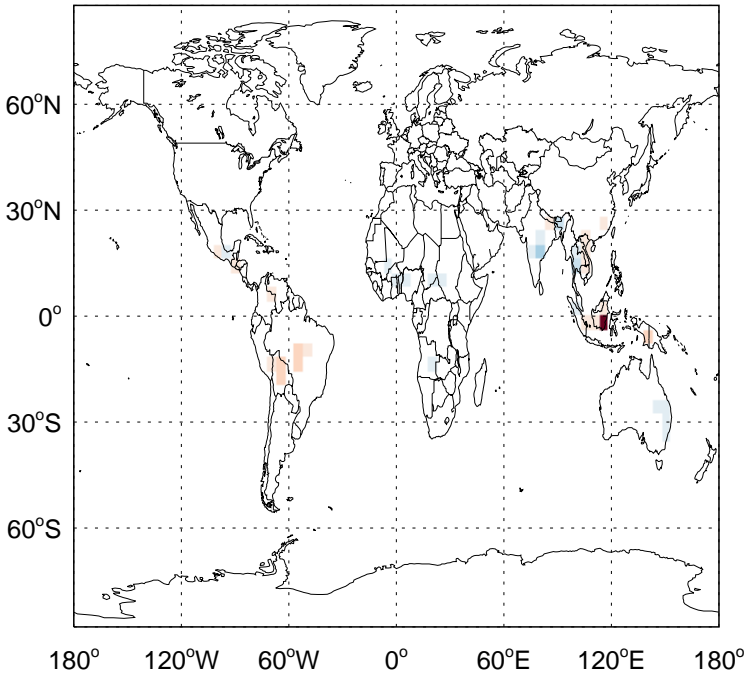
v11-02f-Run0 - v11-02e-Run1

ISN1- Diff @ 500 hPa for Oct



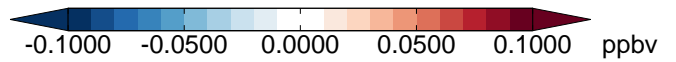
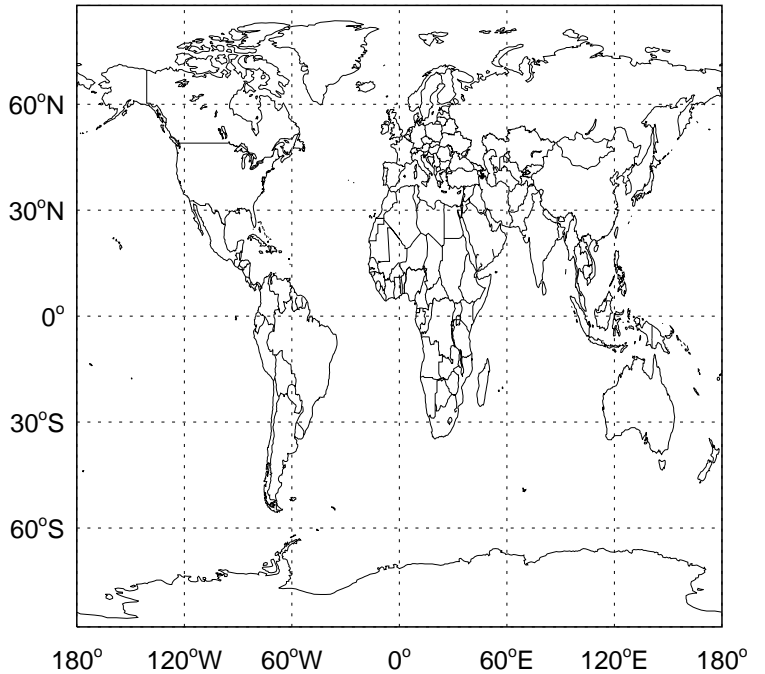
v11-02f-Run0 - v11-02e-Run0

ISN1 - Diff @ Surface for Oct



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

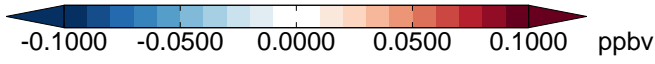
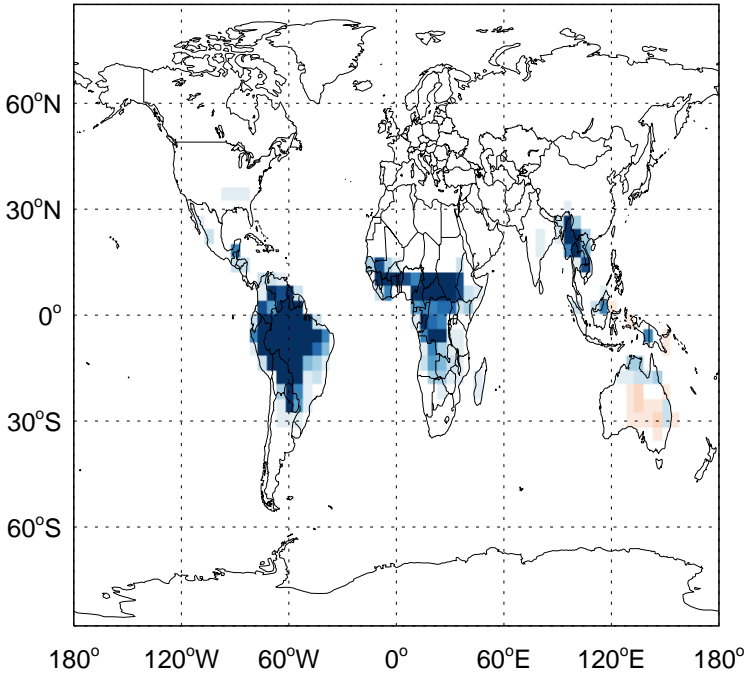
ISN1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

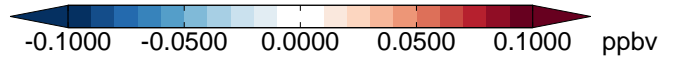
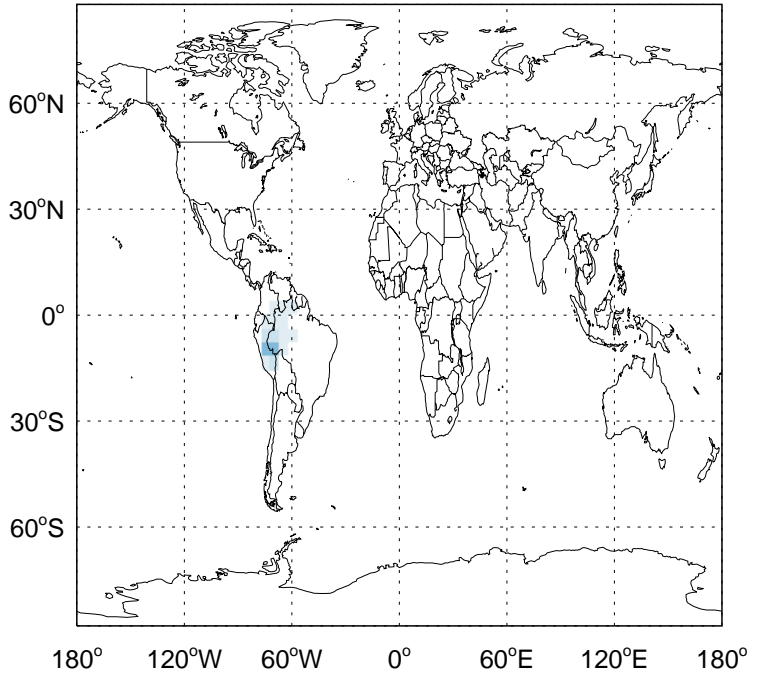
v11-02f-Run0 - v11-02e-Run1

RIPA - Diff @ Surface for Oct



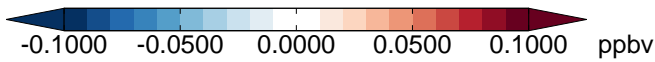
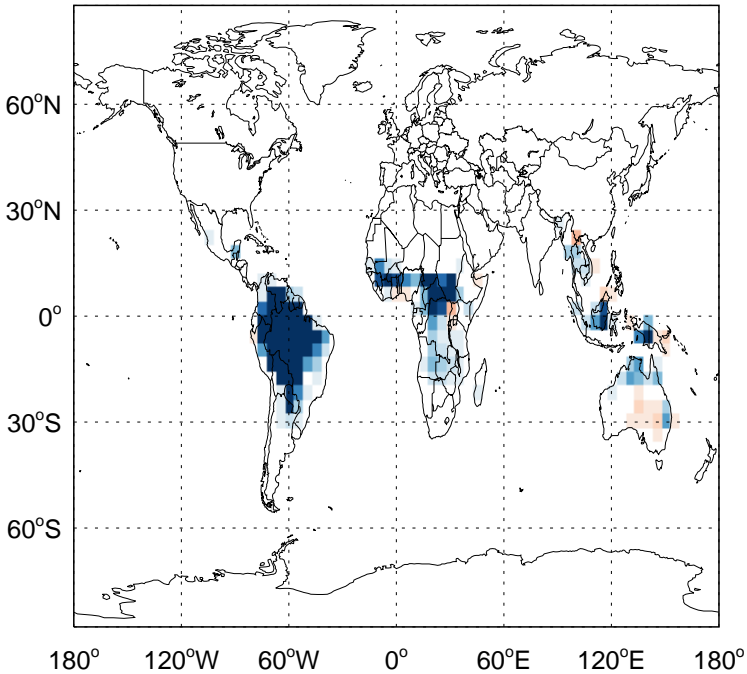
v11-02f-Run0 - v11-02e-Run1

RIPA- Diff @ 500 hPa for Oct



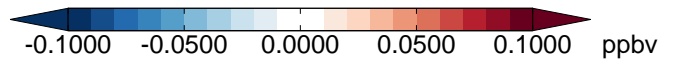
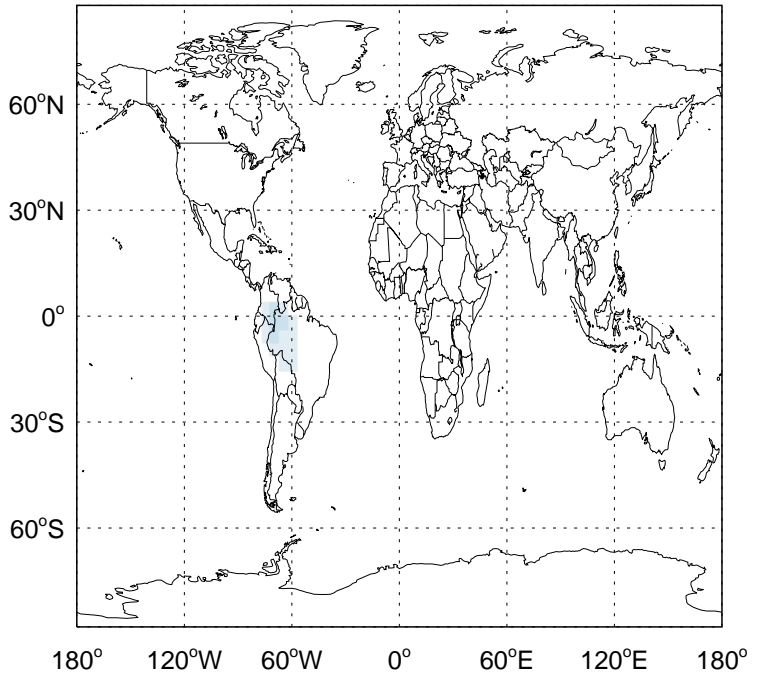
v11-02f-Run0 - v11-02e-Run0

RIPA - Diff @ Surface for Oct



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

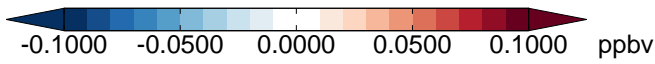
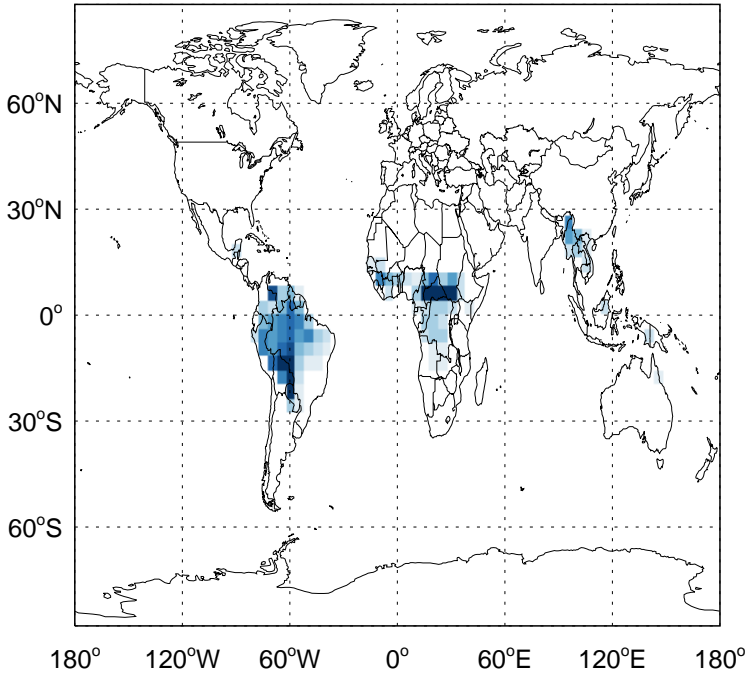
RIPA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

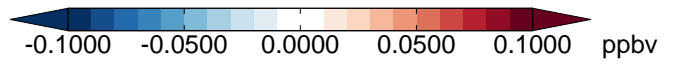
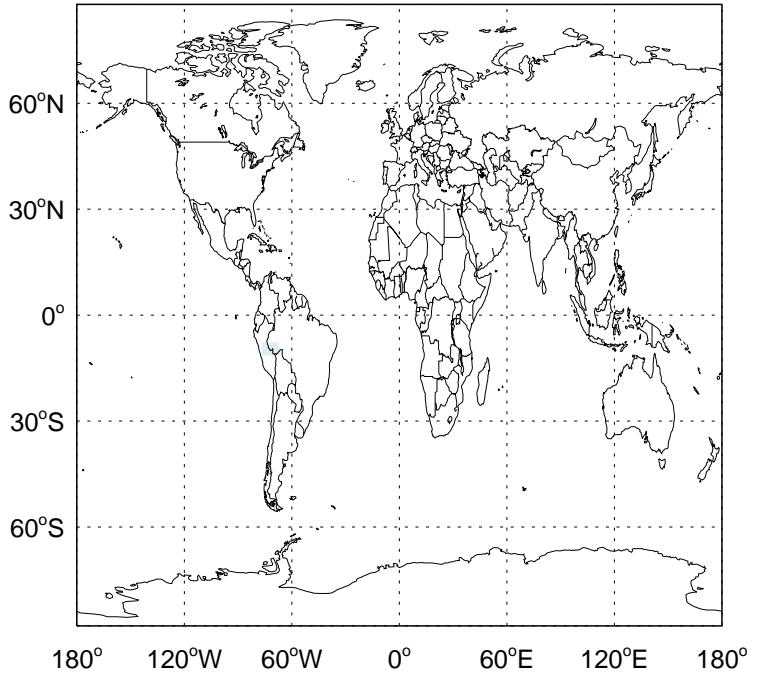
v11-02f-Run0 - v11-02e-Run1

RIPB - Diff @ Surface for Oct



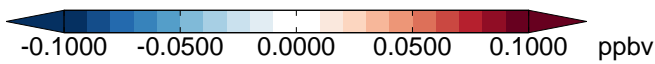
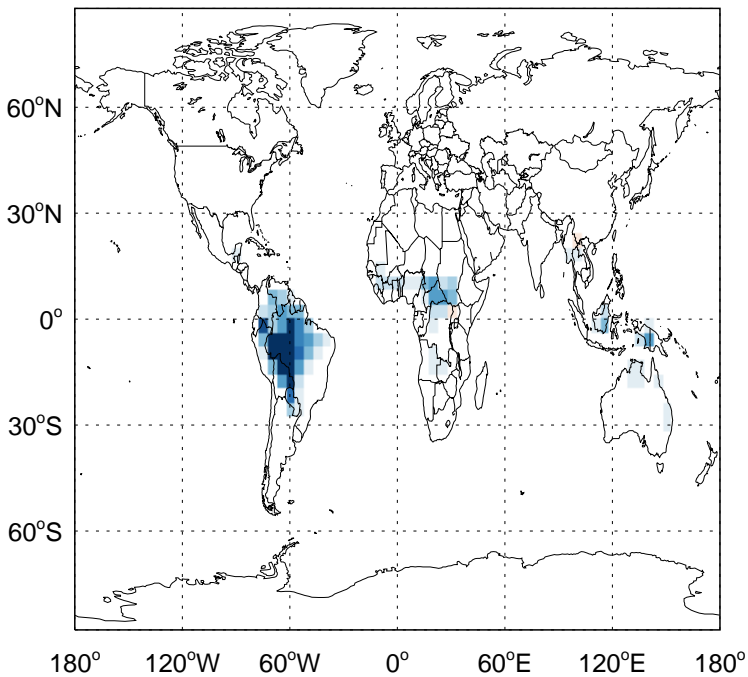
v11-02f-Run0 - v11-02e-Run1

RIPB- Diff @ 500 hPa for Oct



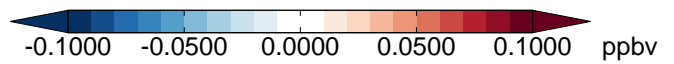
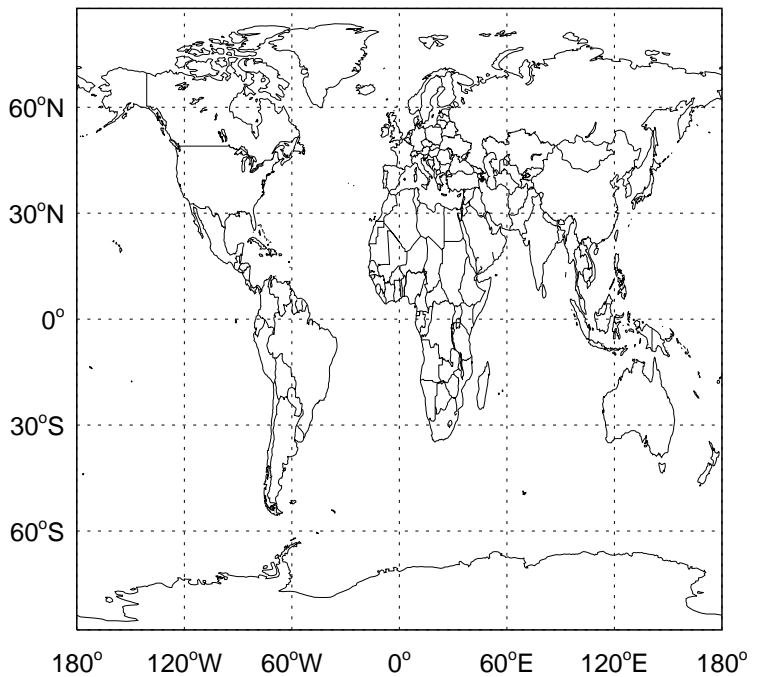
v11-02f-Run0 - v11-02e-Run0

RIPB - Diff @ Surface for Oct



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

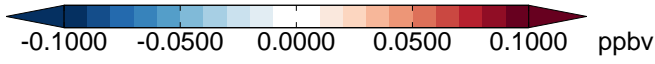
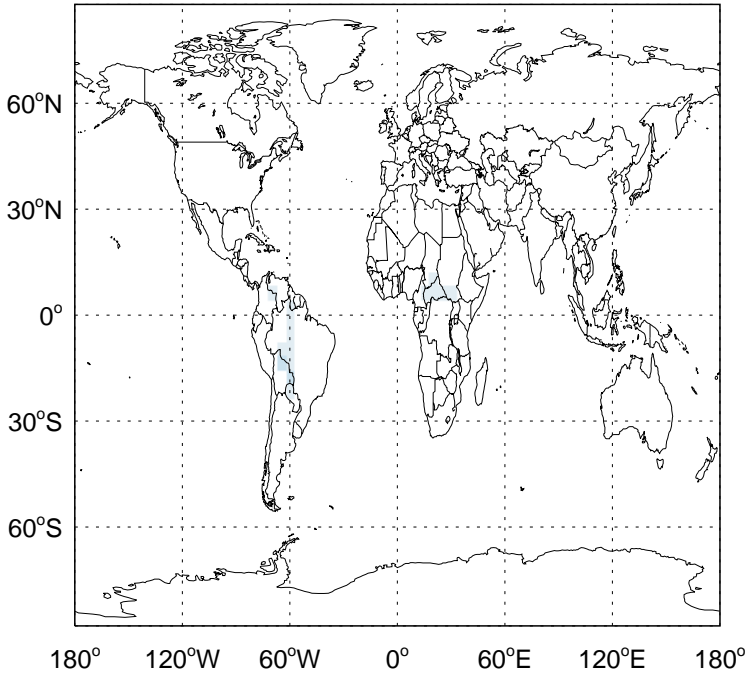
RIPB- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

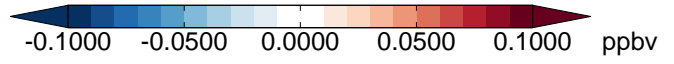
v11-02f-Run0 - v11-02e-Run1

RIPD - Diff @ Surface for Oct



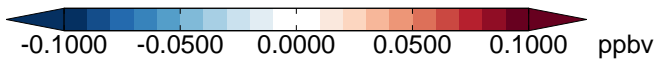
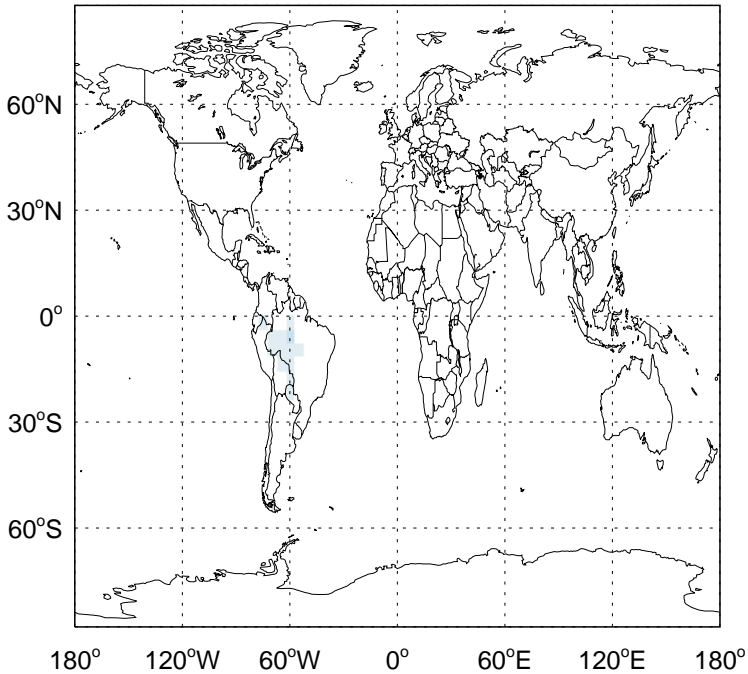
v11-02f-Run0 - v11-02e-Run1

RIPD- Diff @ 500 hPa for Oct



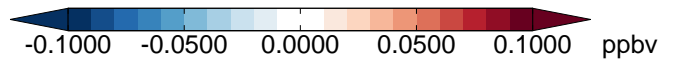
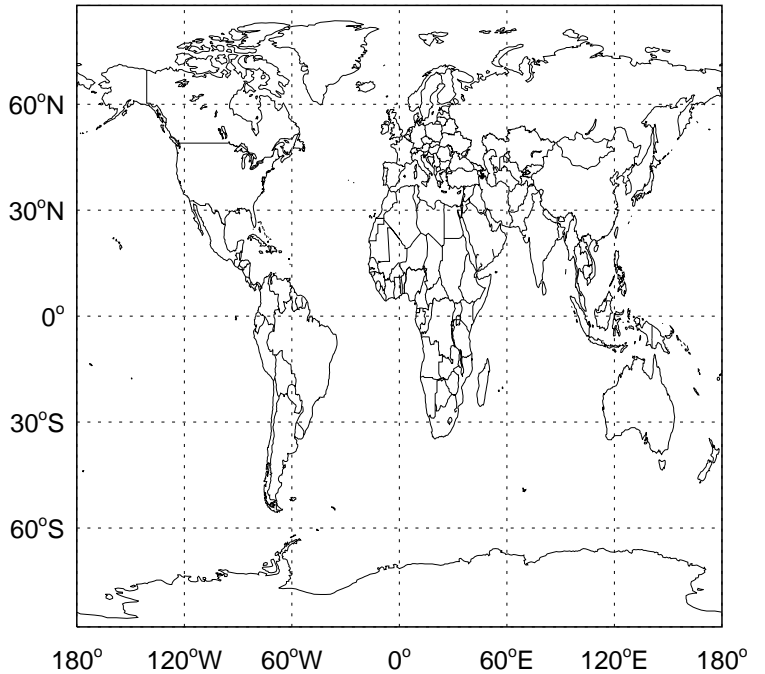
v11-02f-Run0 - v11-02e-Run0

RIPD - Diff @ Surface for Oct



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

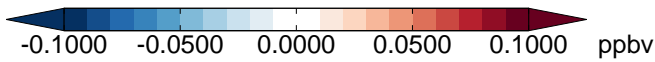
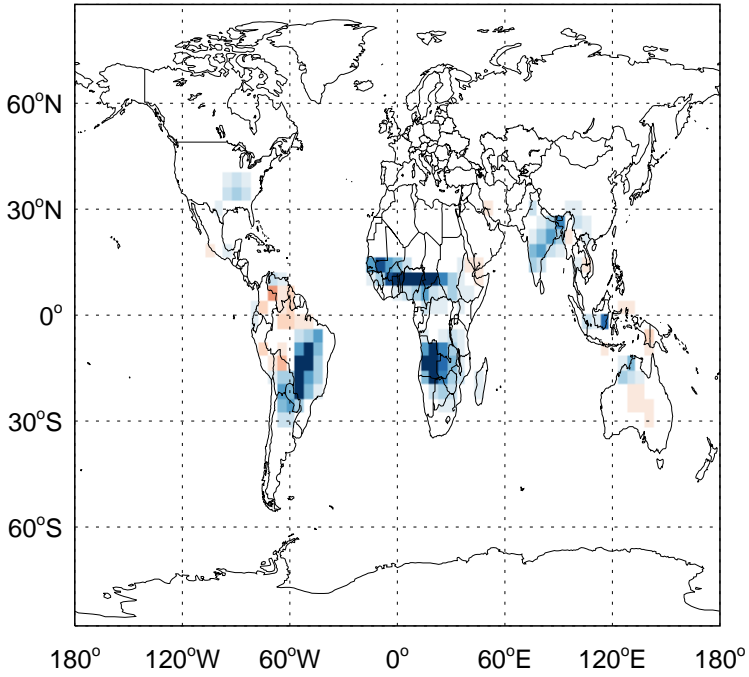
RIPD- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

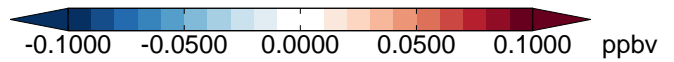
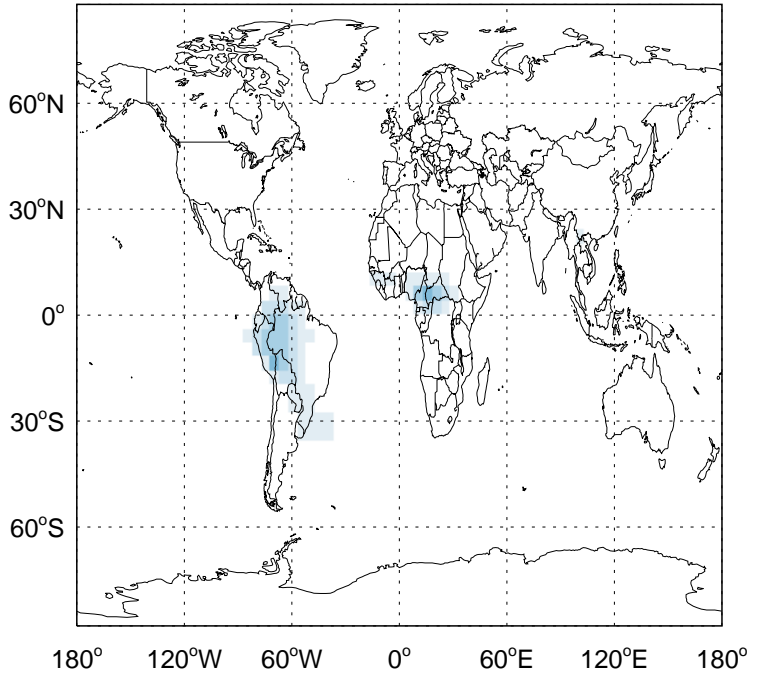
v11-02f-Run0 - v11-02e-Run1

IMAE - Diff @ Surface for Oct



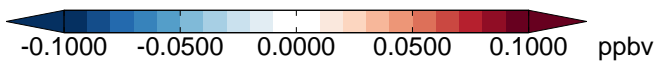
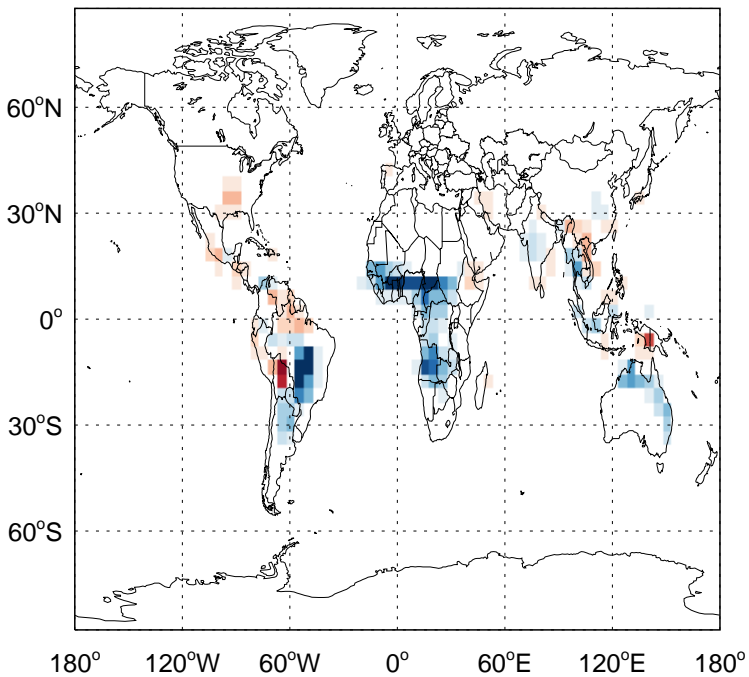
v11-02f-Run0 - v11-02e-Run1

IMAE- Diff @ 500 hPa for Oct



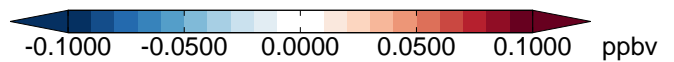
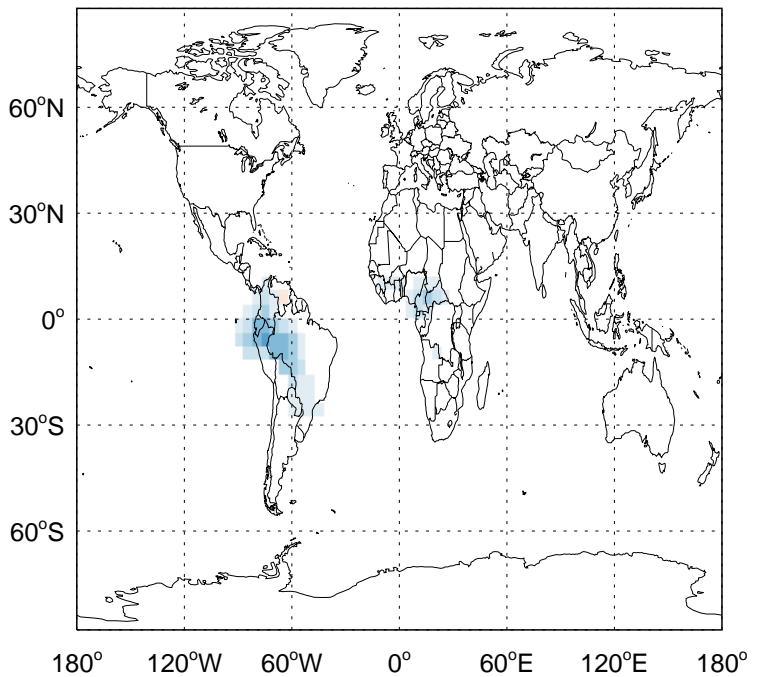
v11-02f-Run0 - v11-02e-Run0

IMAE - Diff @ Surface for Oct



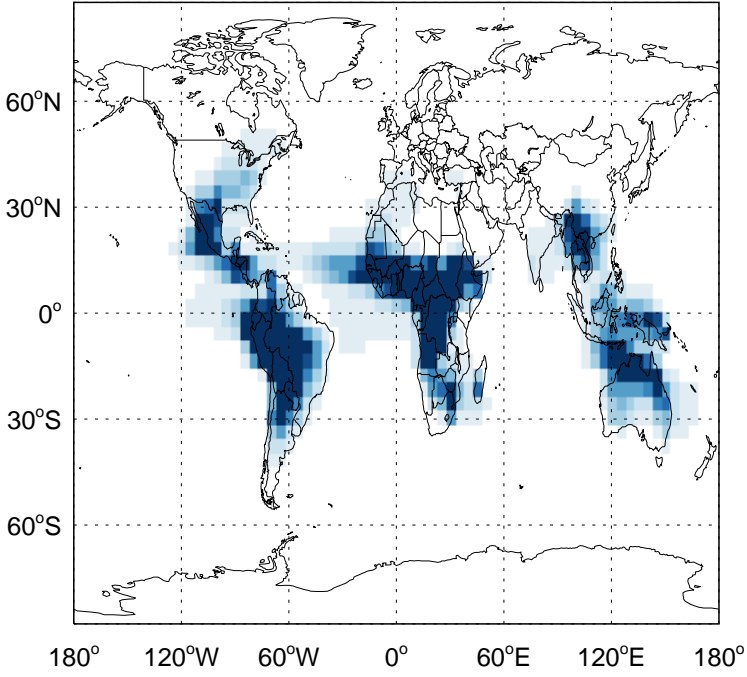
v11-02f-Run0 - v11-02e-Run0

IMAE- Diff @ 500 hPa for Oct

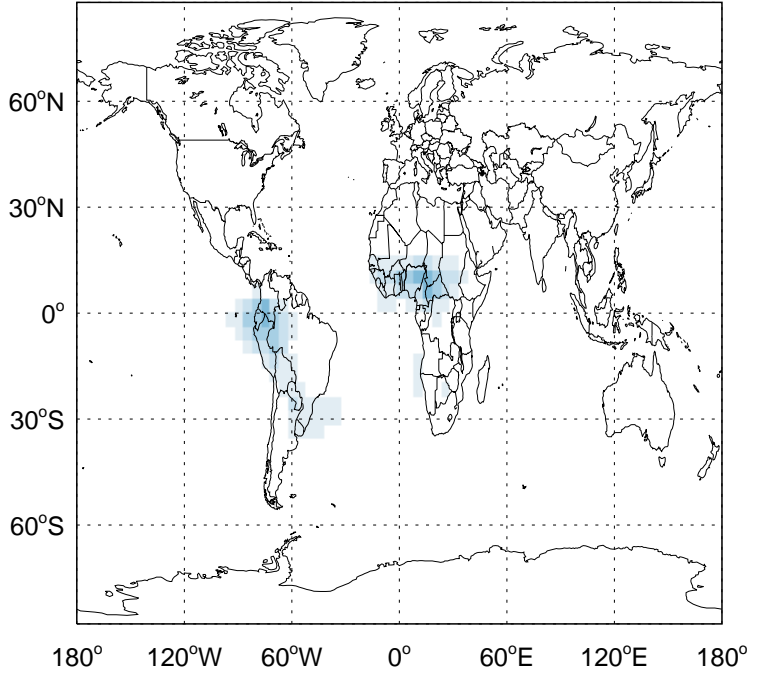


# GEOS-Chem Difference Maps at surface and 500 hPa

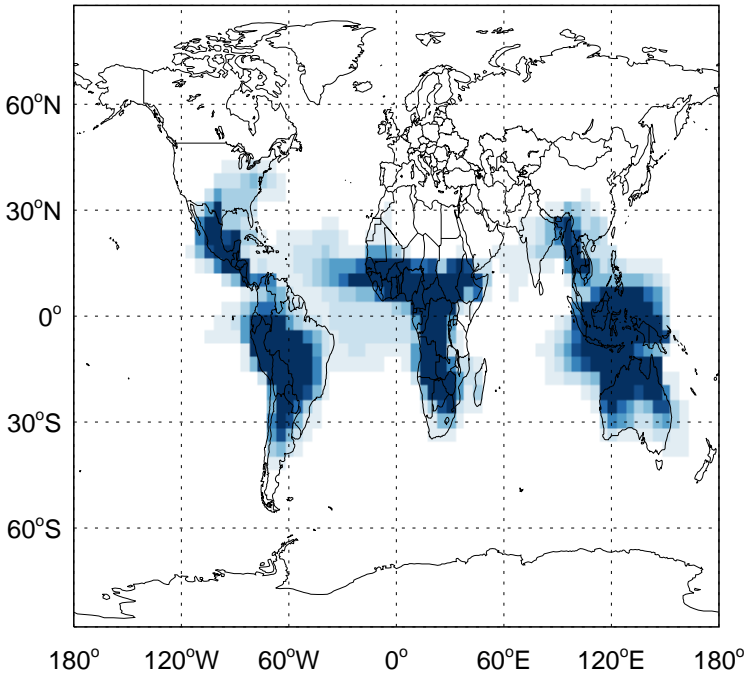
v11-02f-Run0 - v11-02e-Run1  
SOAIE - Diff @ Surface for Oct



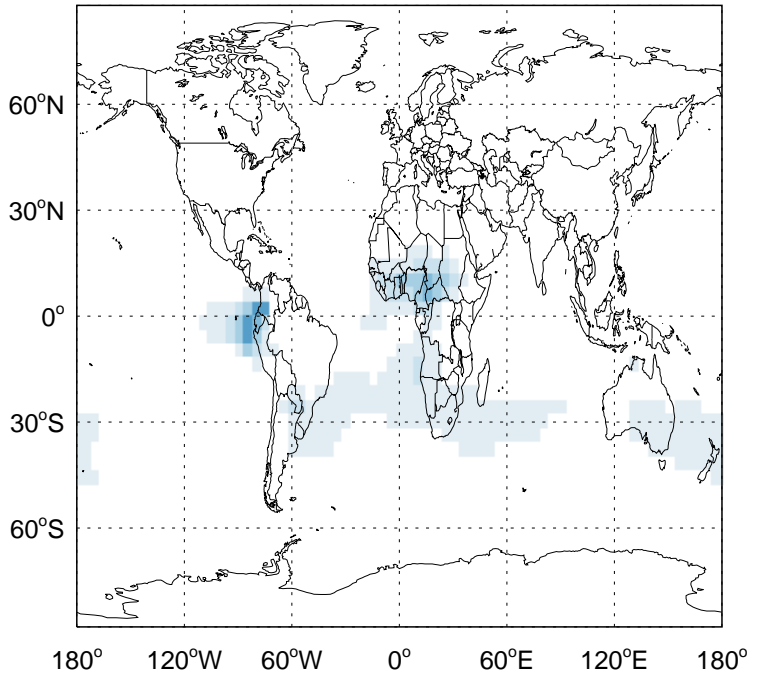
v11-02f-Run0 - v11-02e-Run1  
SOAIE- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAIE - Diff @ Surface for Oct



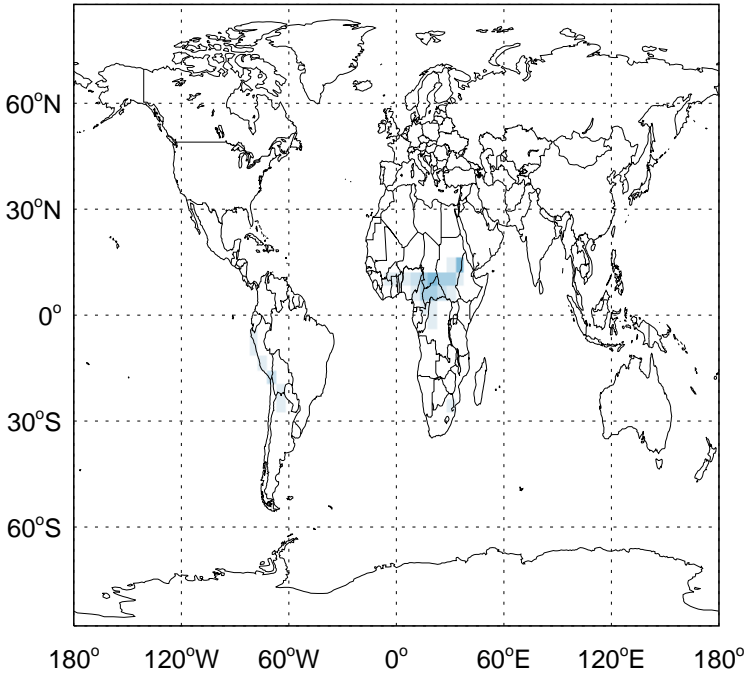
v11-02f-Run0 - v11-02e-Run0  
SOAIE- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

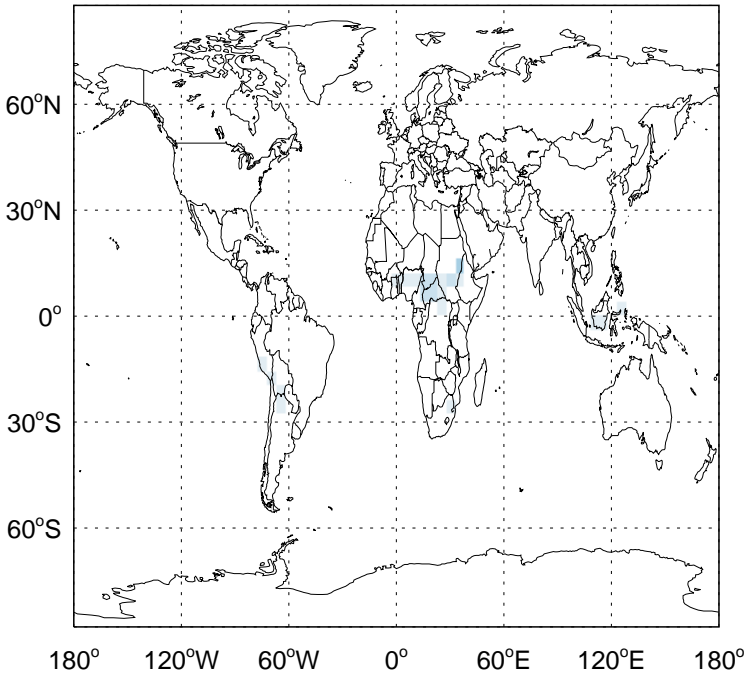
v11-02f-Run0 - v11-02e-Run1  
SOAME - Diff @ Surface for Oct



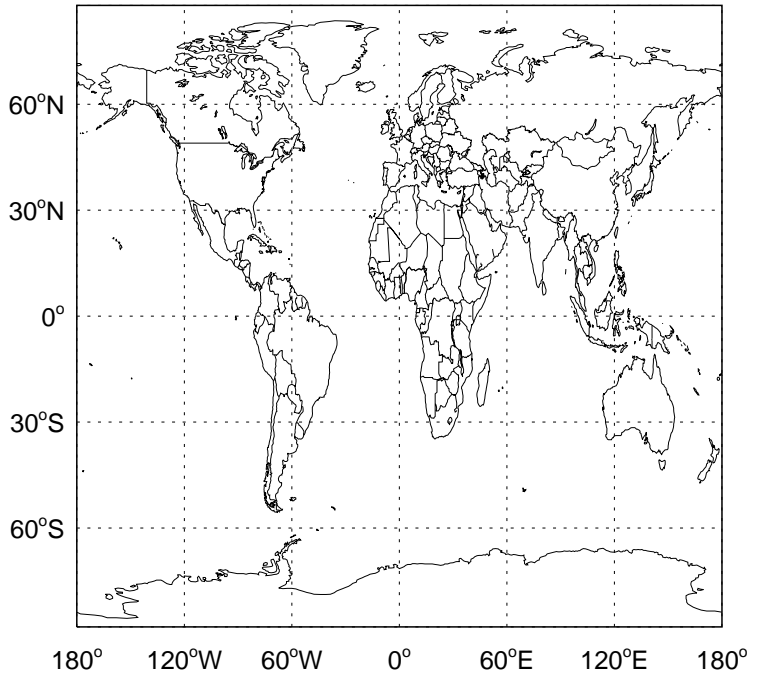
v11-02f-Run0 - v11-02e-Run1  
SOAME- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAME - Diff @ Surface for Oct

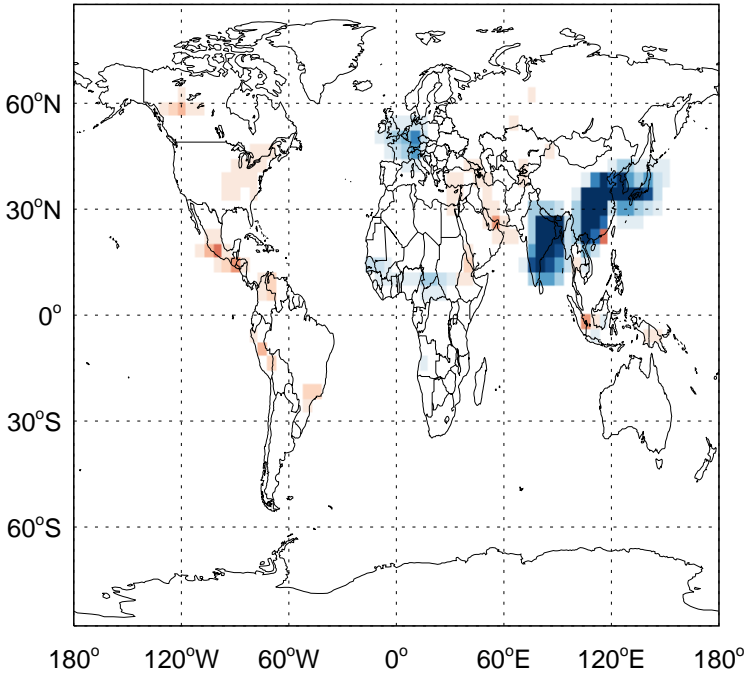


v11-02f-Run0 - v11-02e-Run0  
SOAME- Diff @ 500 hPa for Oct

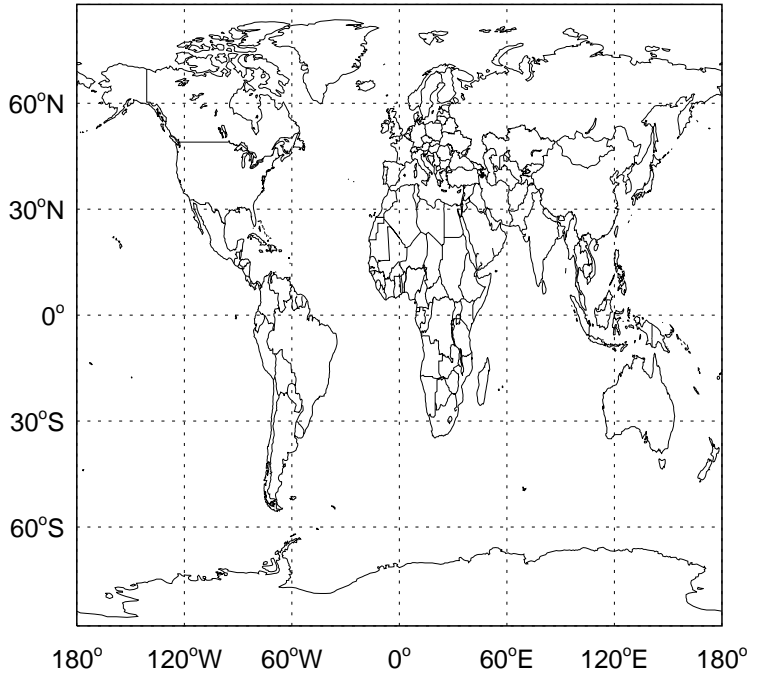


# GEOS-Chem Difference Maps at surface and 500 hPa

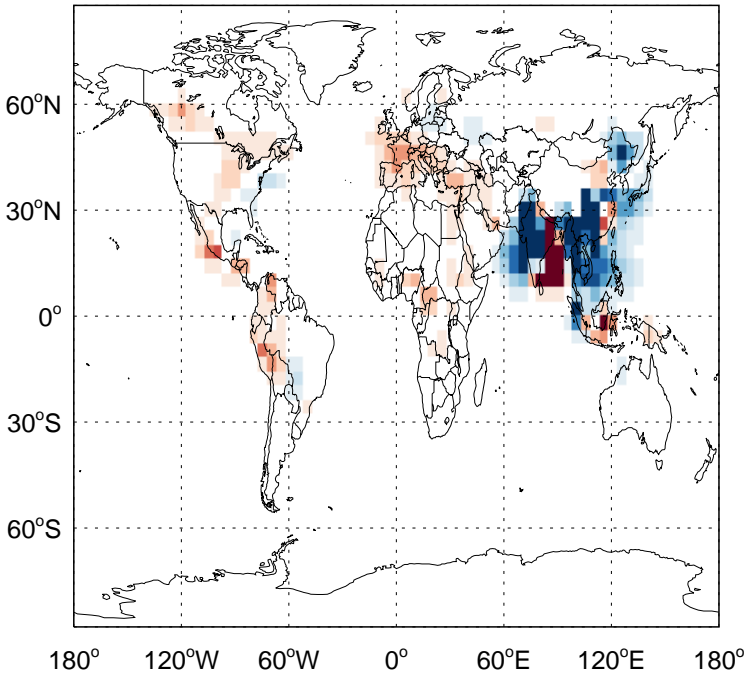
v11-02f-Run0 - v11-02e-Run1  
SOAGX - Diff @ Surface for Oct



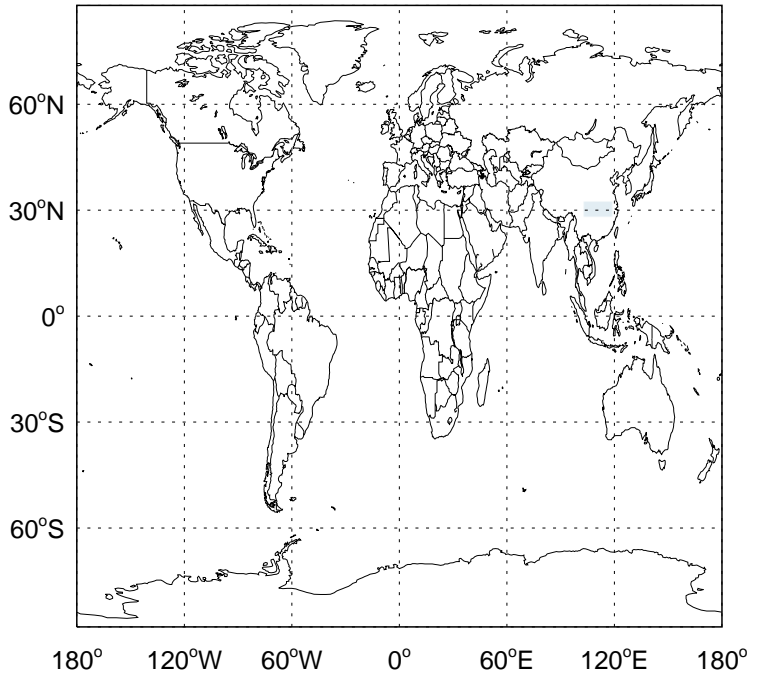
v11-02f-Run0 - v11-02e-Run1  
SOAGX- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAGX - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAGX- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

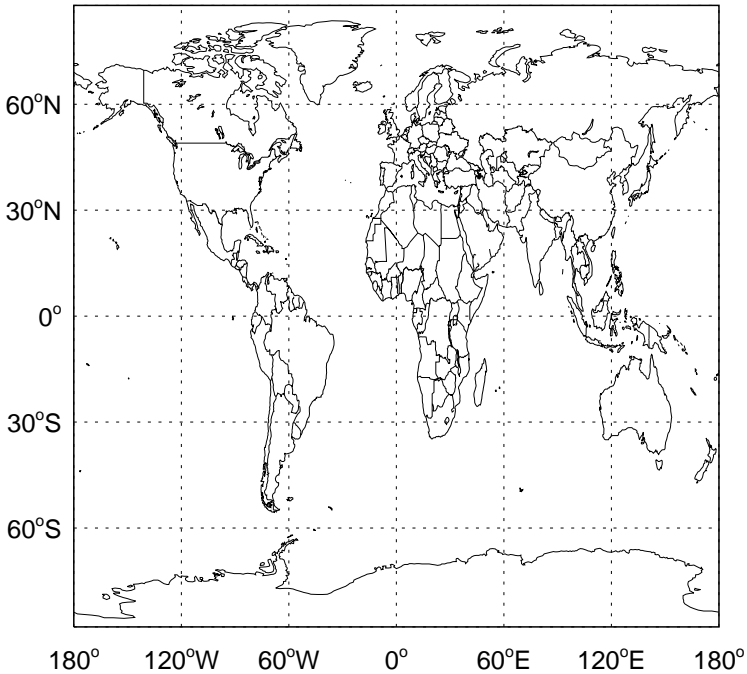
v11-02f-Run0 - v11-02e-Run1  
SOAMG - Diff @ Surface for Oct



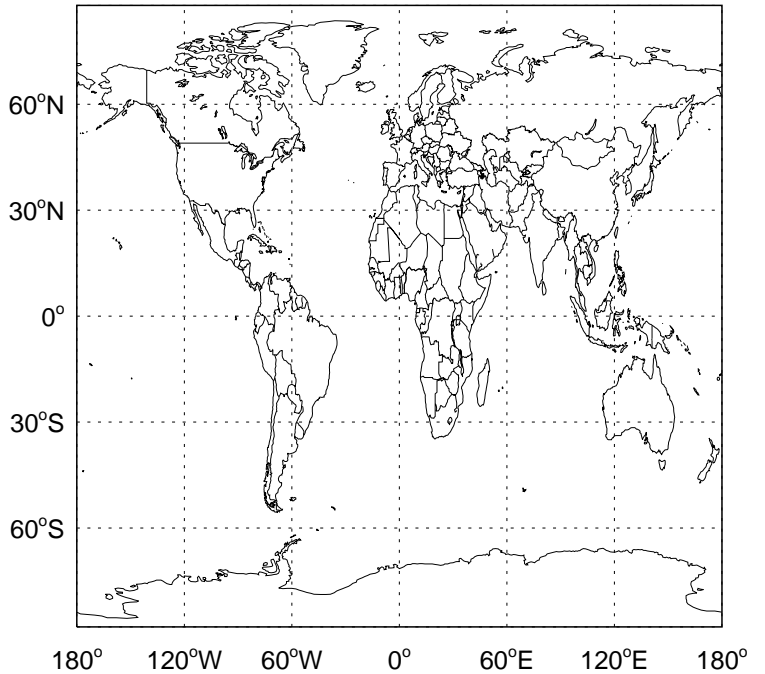
v11-02f-Run0 - v11-02e-Run1  
SOAMG- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
SOAMG - Diff @ Surface for Oct

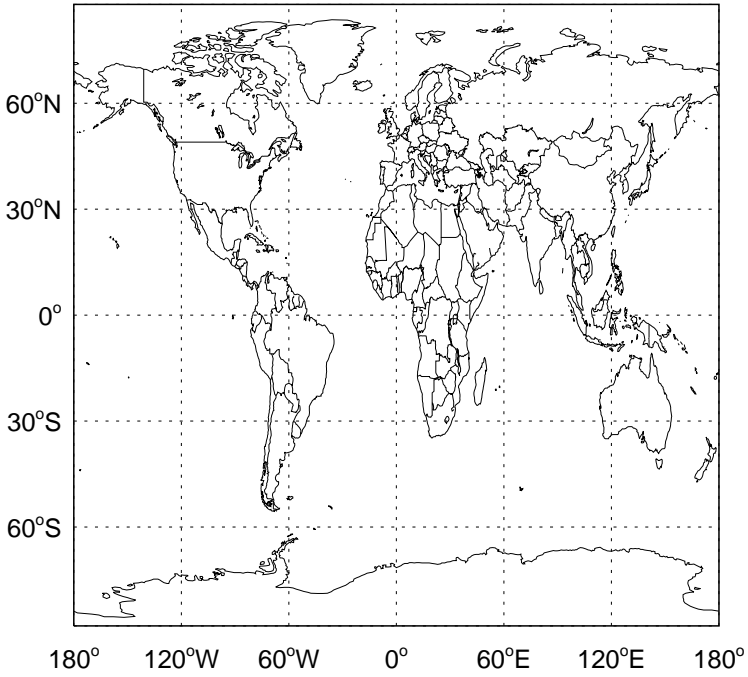


v11-02f-Run0 - v11-02e-Run0  
SOAMG- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

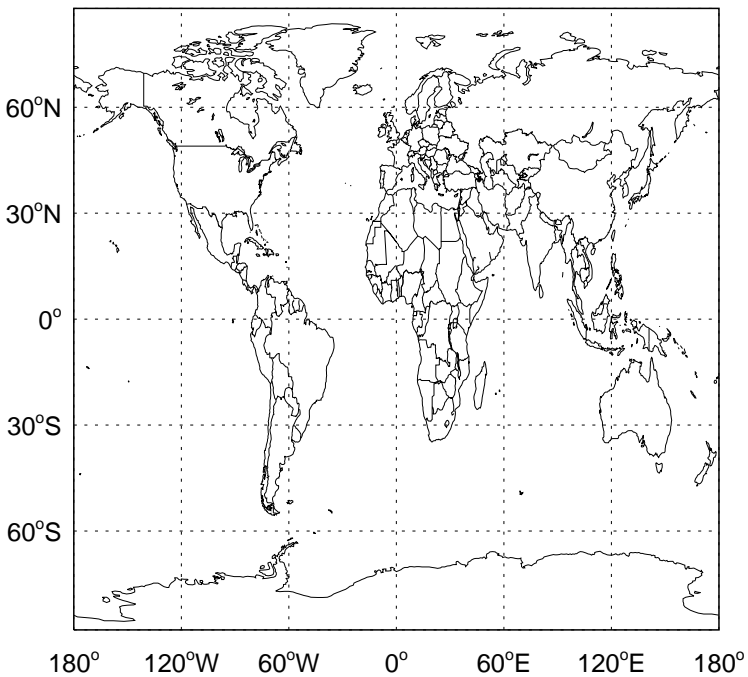
v11-02f-Run0 - v11-02e-Run1  
LVOC - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
LVOC - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
LVOC - Diff @ Surface for Oct

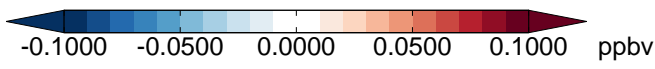
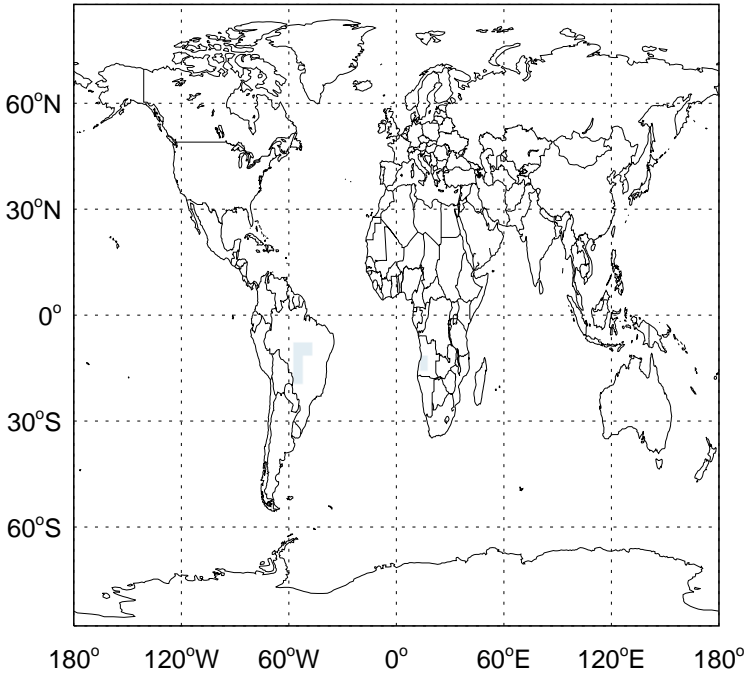


v11-02f-Run0 - v11-02e-Run0  
LVOC - Diff @ 500 hPa for Oct

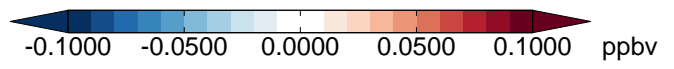


# GEOS-Chem Difference Maps at surface and 500 hPa

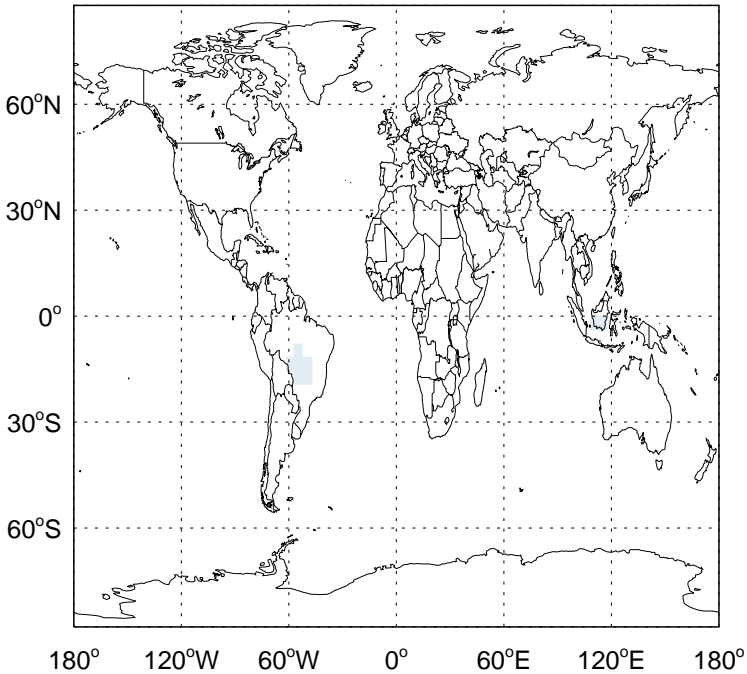
v11-02f-Run0 - v11-02e-Run1  
LVOCOA - Diff @ Surface for Oct



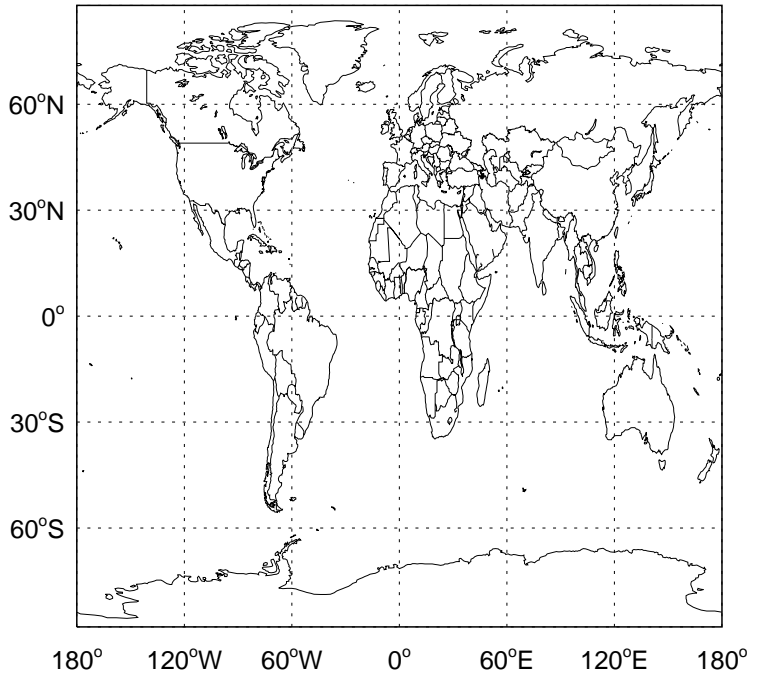
v11-02f-Run0 - v11-02e-Run1  
LVOCOA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
LVOCOA - Diff @ Surface for Oct

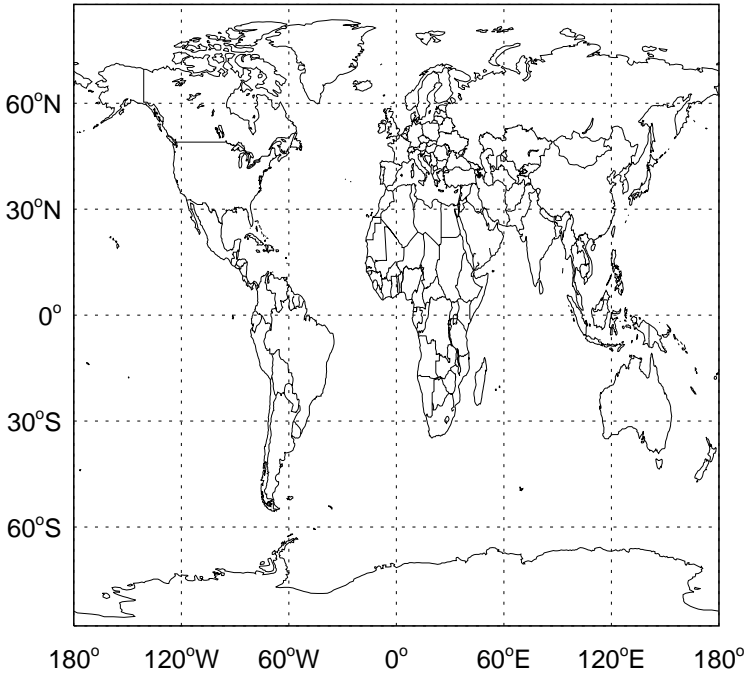


v11-02f-Run0 - v11-02e-Run0  
LVOCOA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

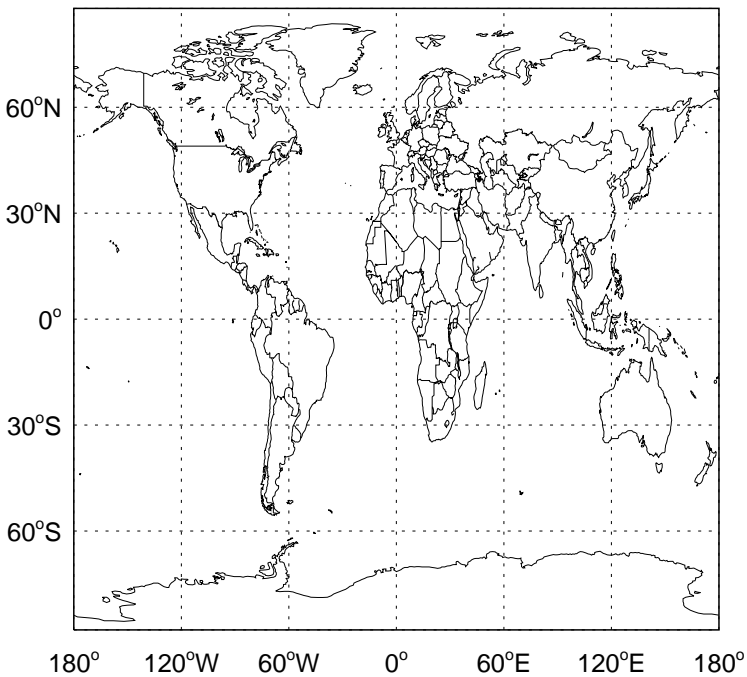
v11-02f-Run0 - v11-02e-Run1  
ISN1OG - Diff @ Surface for Oct



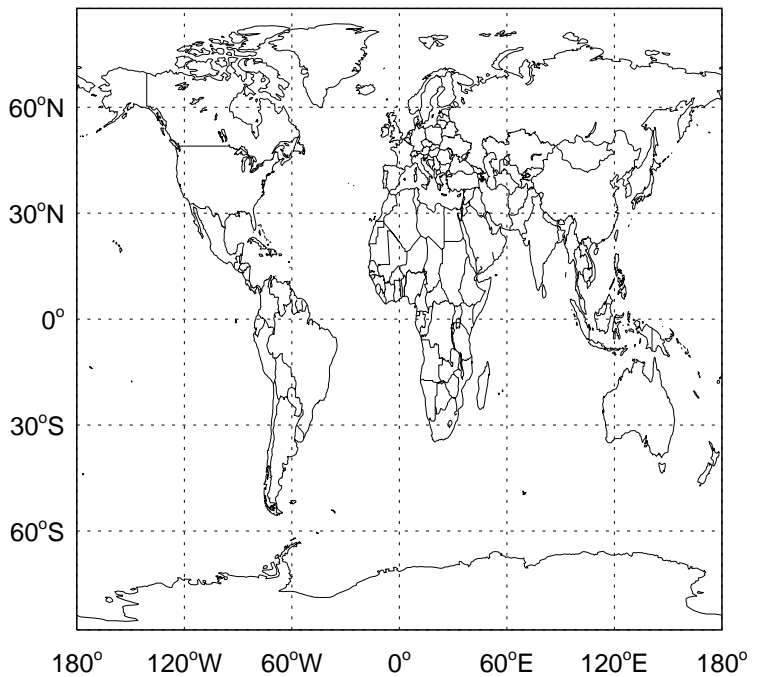
v11-02f-Run0 - v11-02e-Run1  
ISN1OG- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISN1OG - Diff @ Surface for Oct



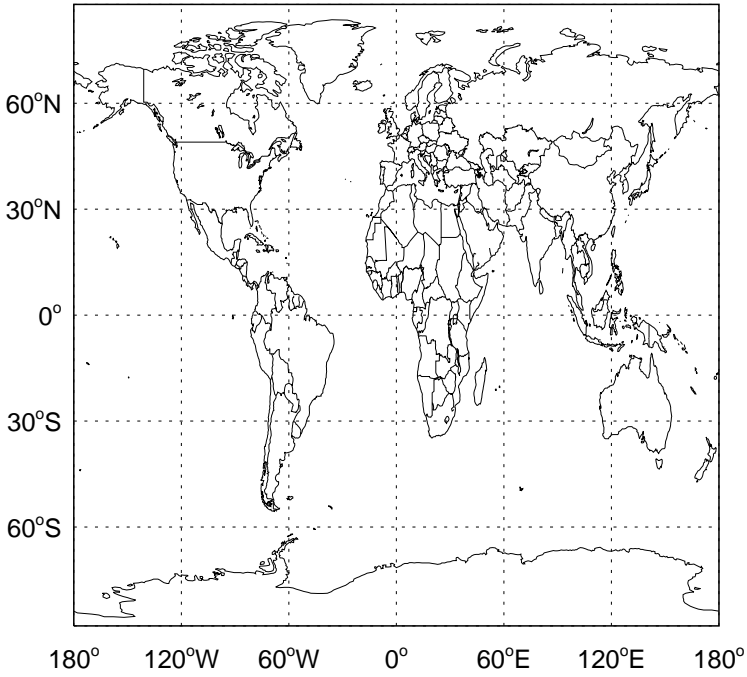
v11-02f-Run0 - v11-02e-Run0  
ISN1OG- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

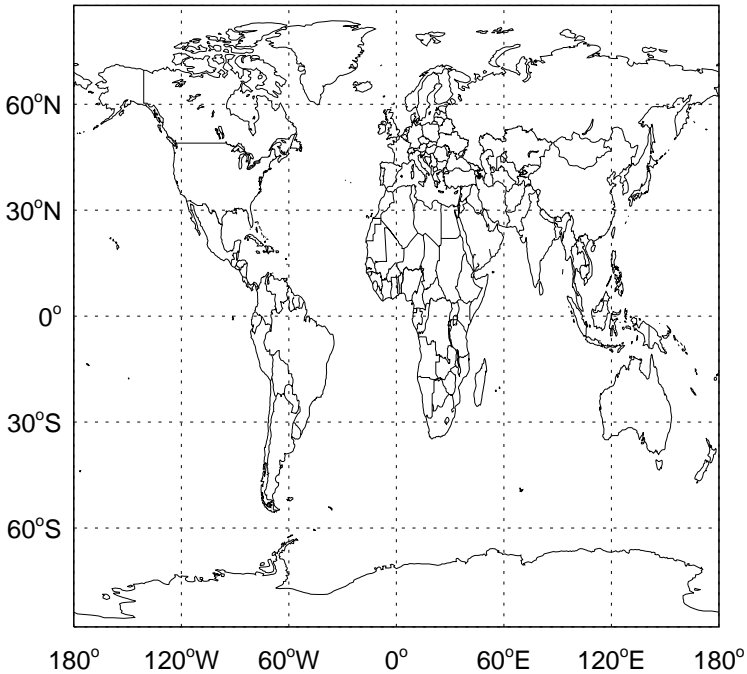
v11-02f-Run0 - v11-02e-Run1  
ISN10A - Diff @ Surface for Oct



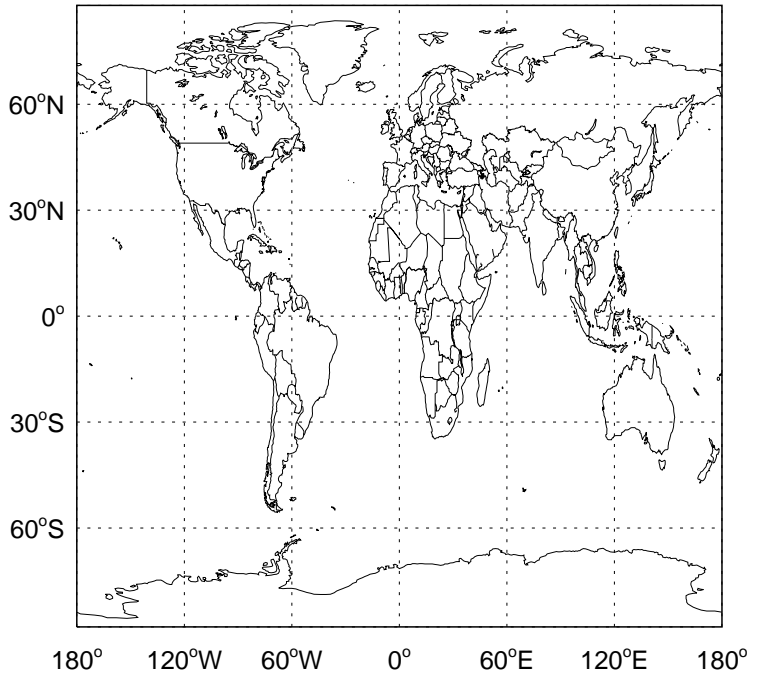
v11-02f-Run0 - v11-02e-Run1  
ISN10A- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
ISN10A - Diff @ Surface for Oct

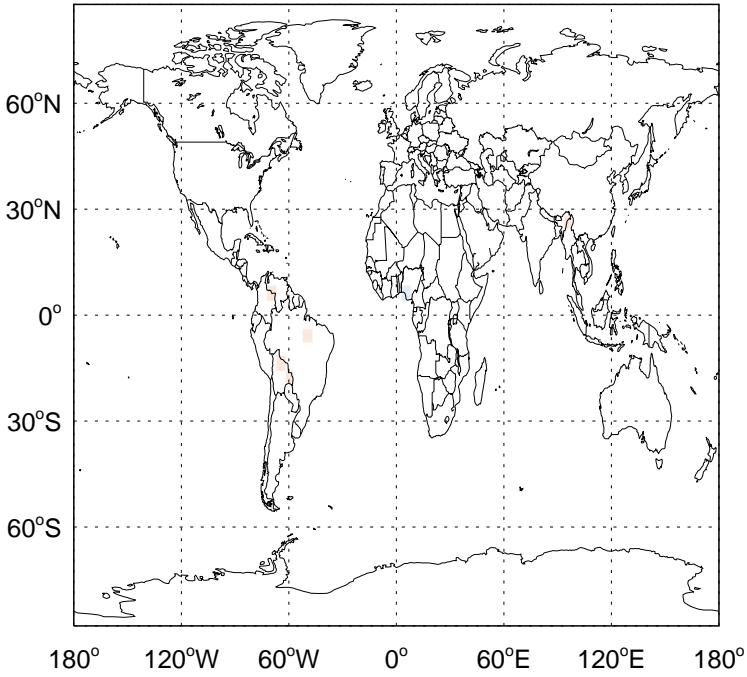


v11-02f-Run0 - v11-02e-Run0  
ISN10A- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

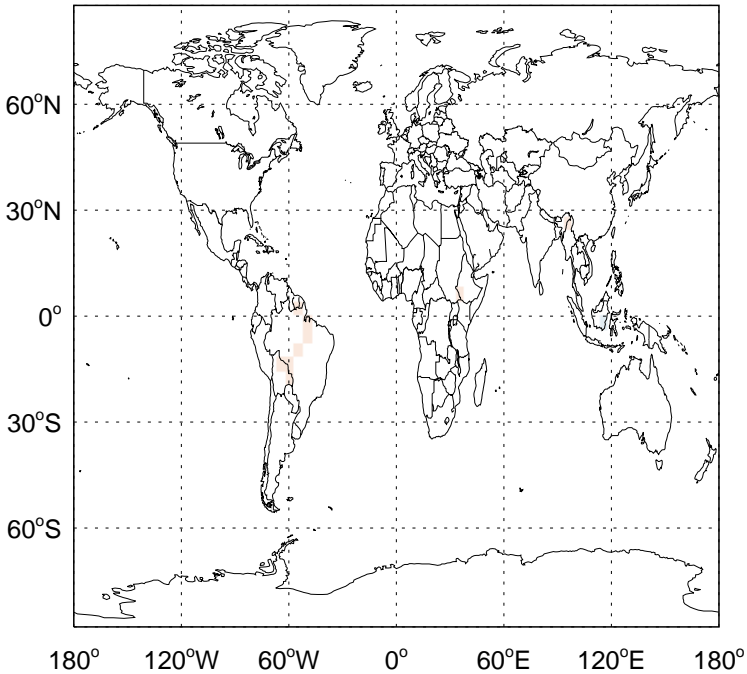
v11-02f-Run0 - v11-02e-Run1  
MONITS - Diff @ Surface for Oct



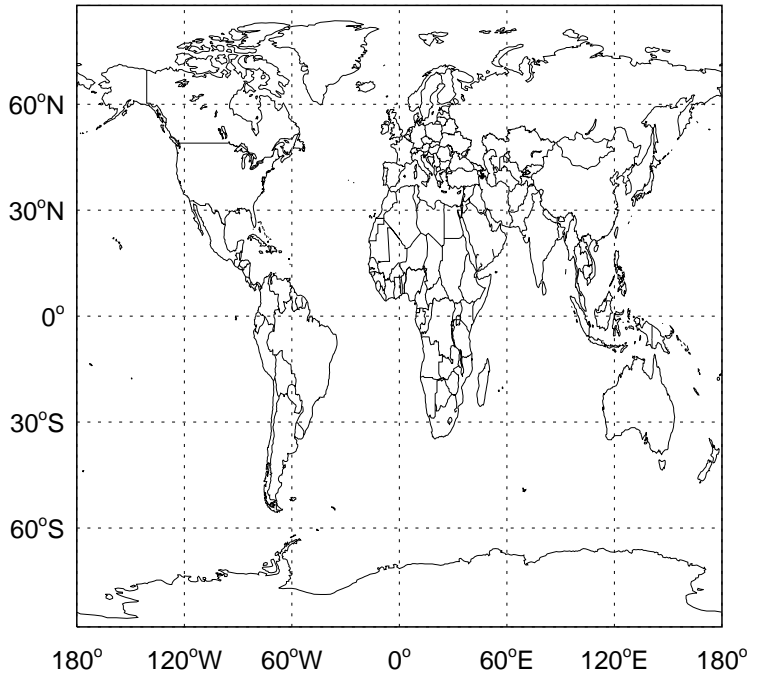
v11-02f-Run0 - v11-02e-Run1  
MONITS- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MONITS - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
MONITS- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

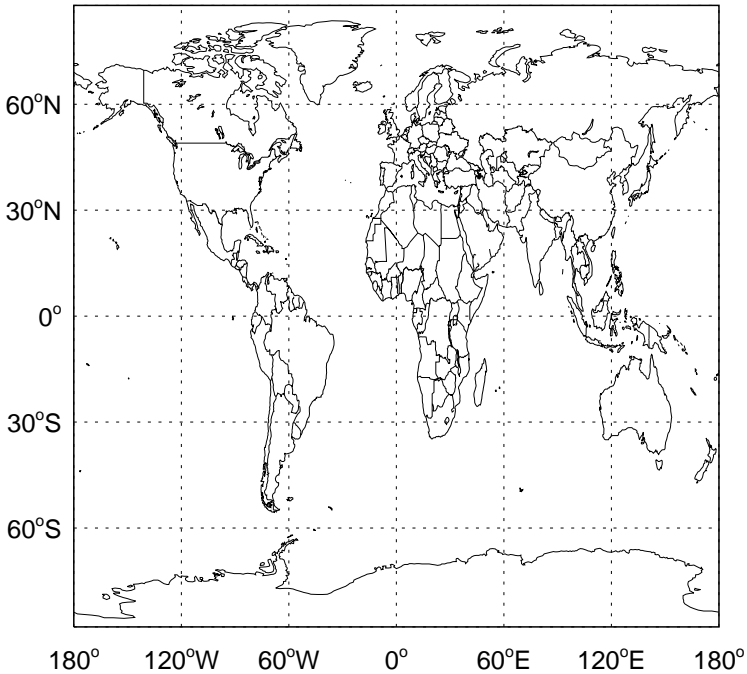
v11-02f-Run0 - v11-02e-Run1  
MONITU - Diff @ Surface for Oct



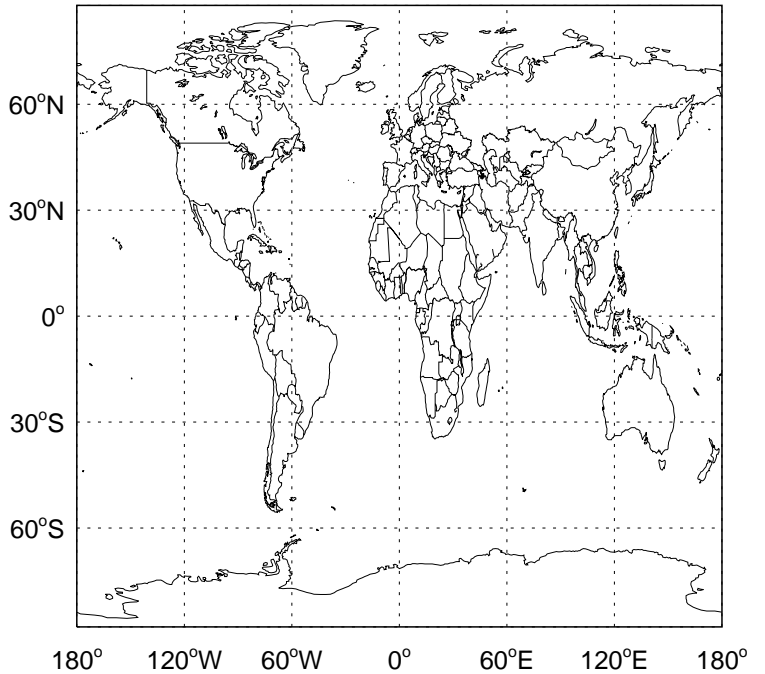
v11-02f-Run0 - v11-02e-Run1  
MONITU- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MONITU - Diff @ Surface for Oct

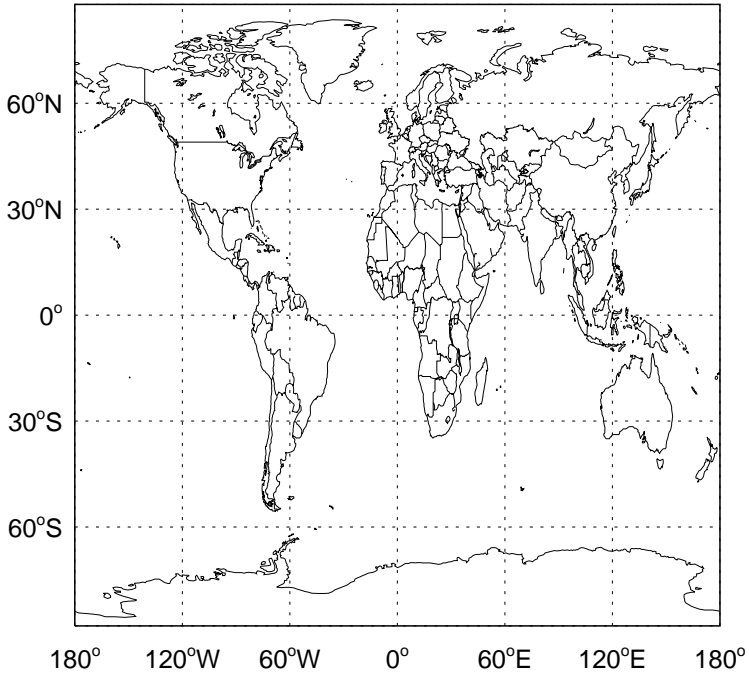


v11-02f-Run0 - v11-02e-Run0  
MONITU- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

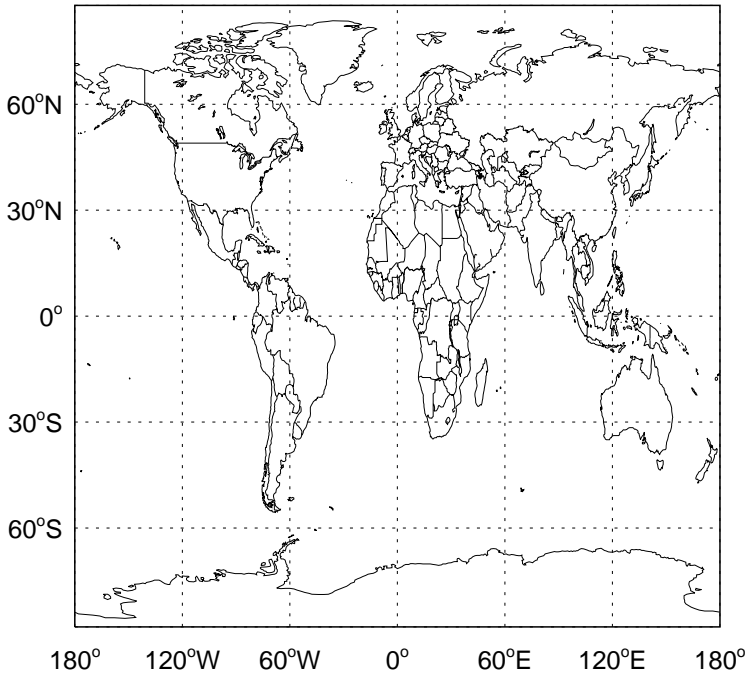
v11-02f-Run0 - v11-02e-Run1  
HONIT - Diff @ Surface for Oct



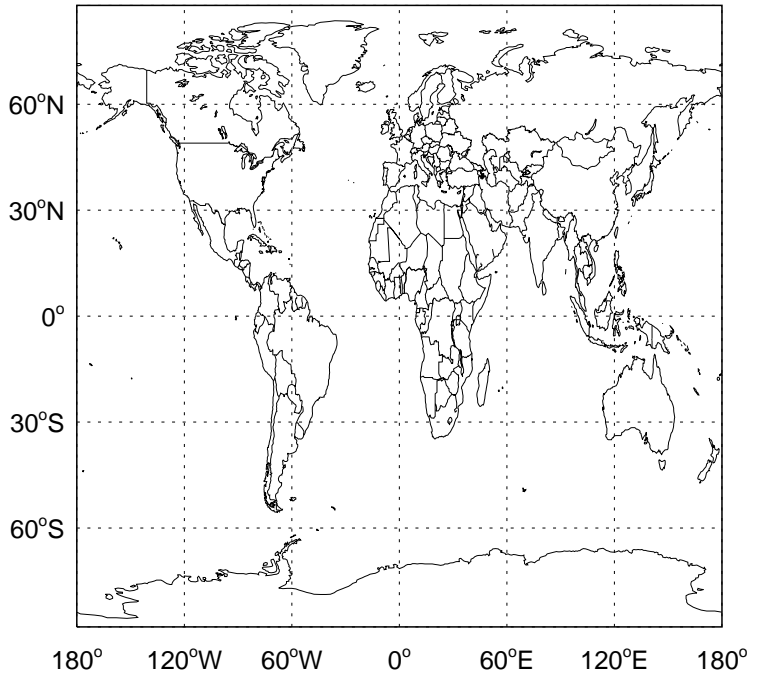
v11-02f-Run0 - v11-02e-Run1  
HONIT- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HONIT - Diff @ Surface for Oct

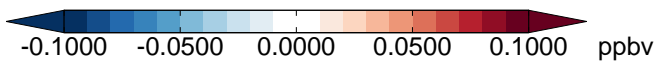
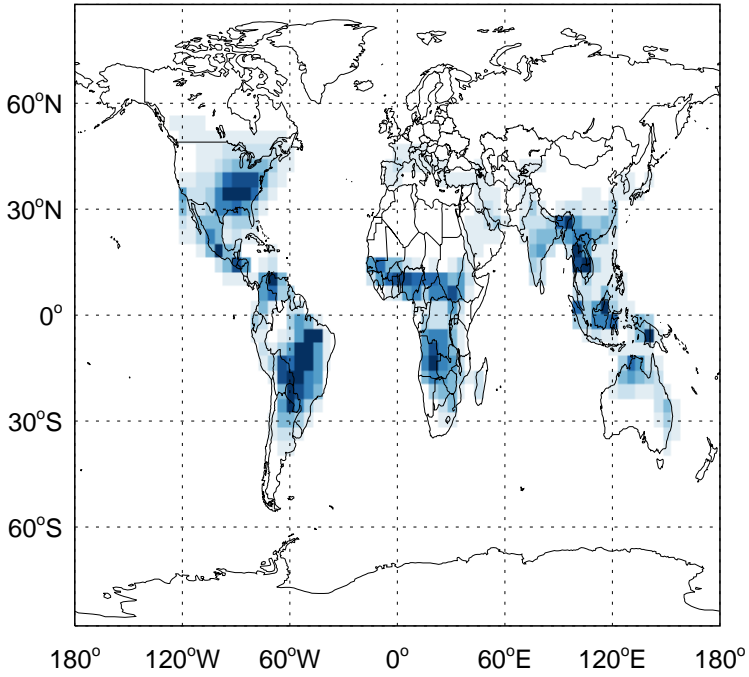


v11-02f-Run0 - v11-02e-Run0  
HONIT- Diff @ 500 hPa for Oct

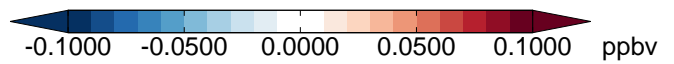


# GEOS-Chem Difference Maps at surface and 500 hPa

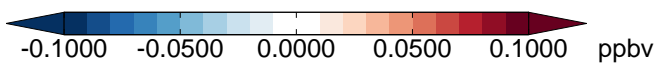
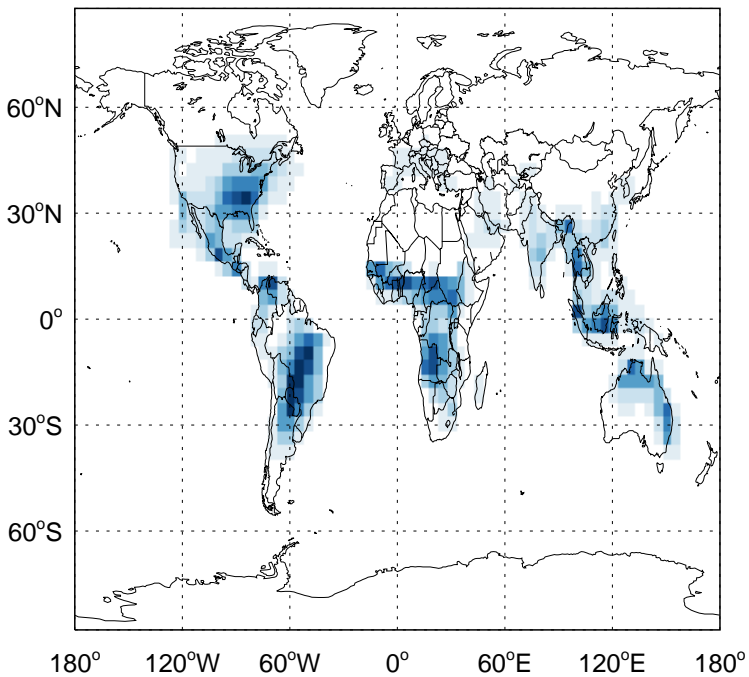
v11-02f-Run0 - v11-02e-Run1  
IONITA - Diff @ Surface for Oct



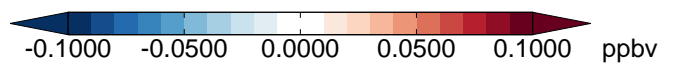
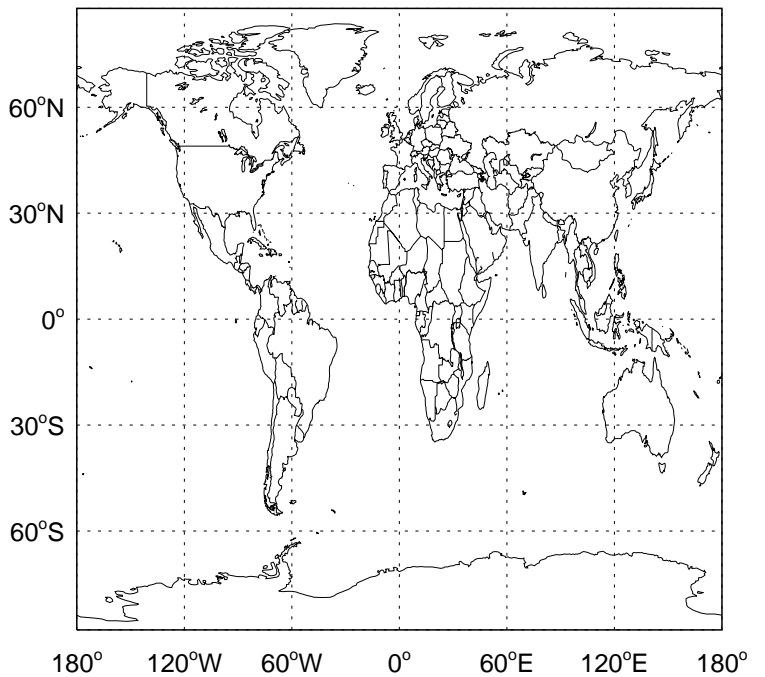
v11-02f-Run0 - v11-02e-Run1  
IONITA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
IONITA - Diff @ Surface for Oct

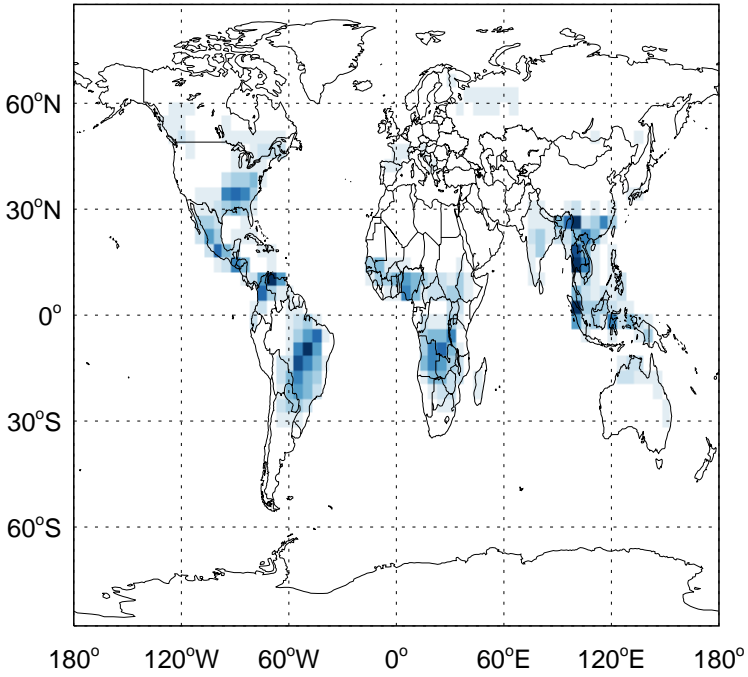


v11-02f-Run0 - v11-02e-Run0  
IONITA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

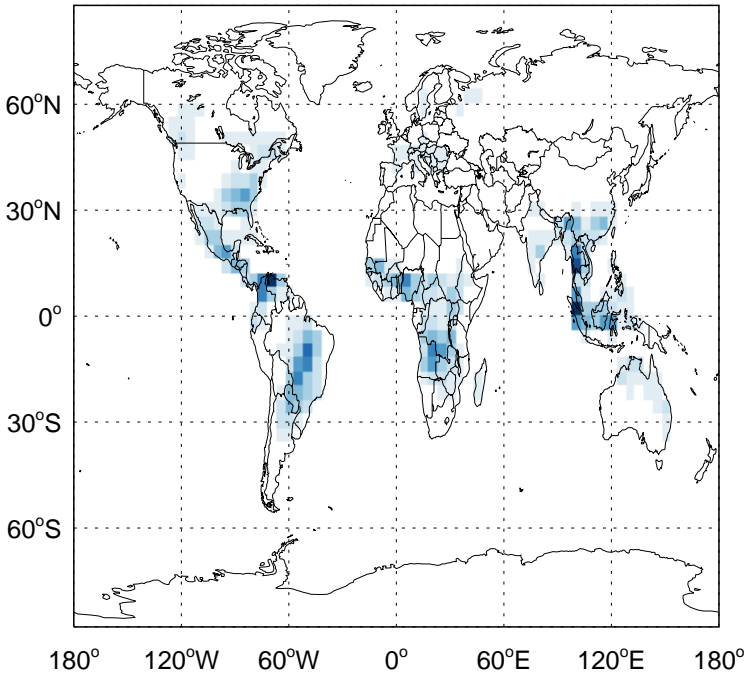
v11-02f-Run0 - v11-02e-Run1  
MONITA - Diff @ Surface for Oct



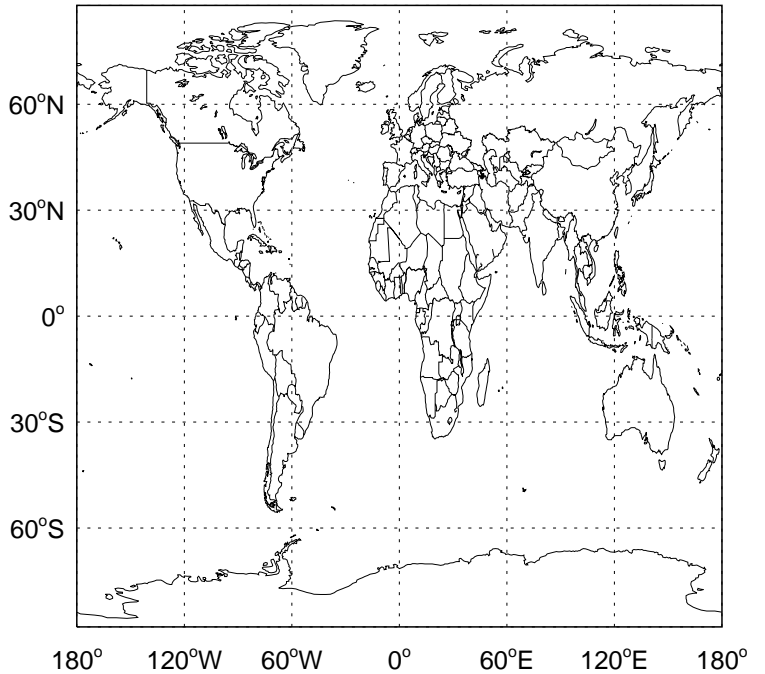
v11-02f-Run0 - v11-02e-Run1  
MONITA- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
MONITA - Diff @ Surface for Oct



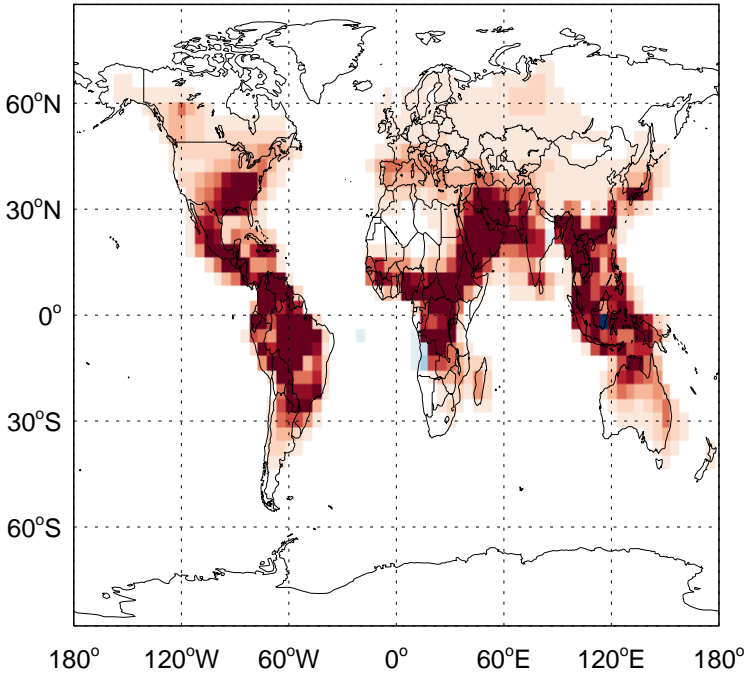
v11-02f-Run0 - v11-02e-Run0  
MONITA- Diff @ 500 hPa for Oct



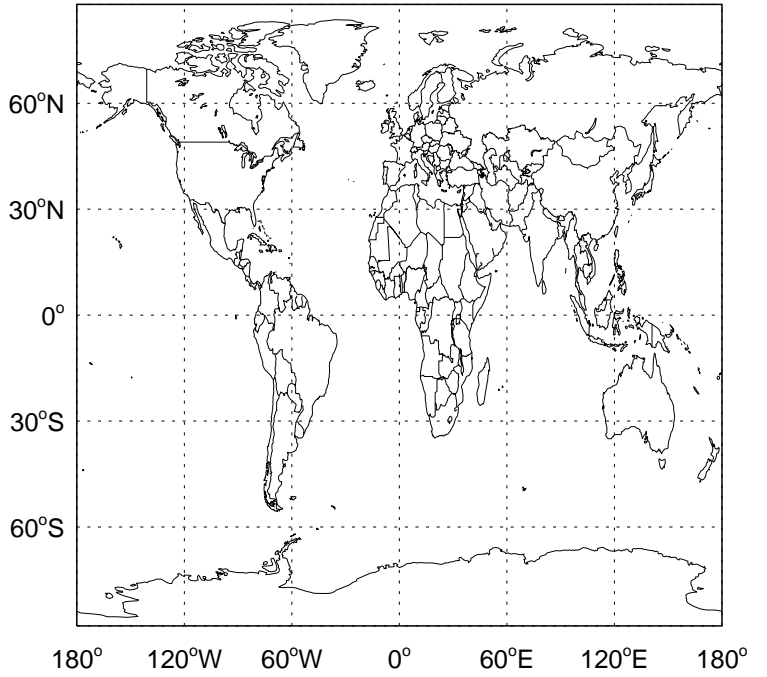


# GEOS-Chem Difference Maps at surface and 500 hPa

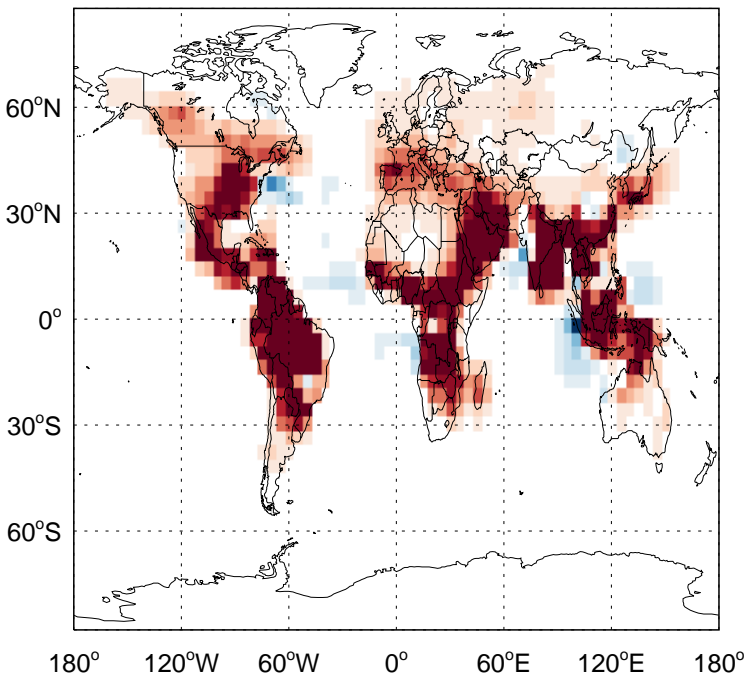
v11-02f-Run0 - v11-02e-Run1  
INDIOL - Diff @ Surface for Oct



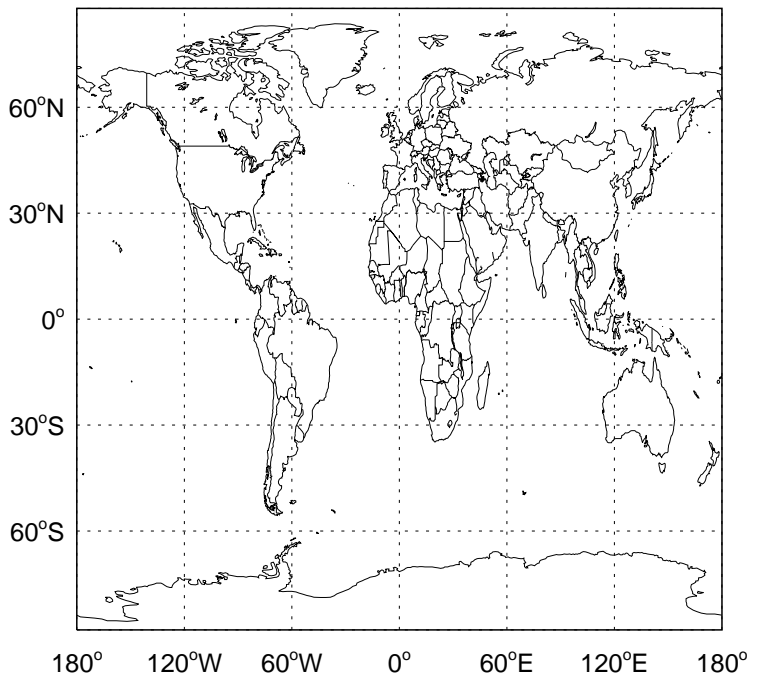
v11-02f-Run0 - v11-02e-Run1  
INDIOL- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
INDIOL - Diff @ Surface for Oct



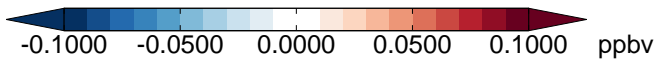
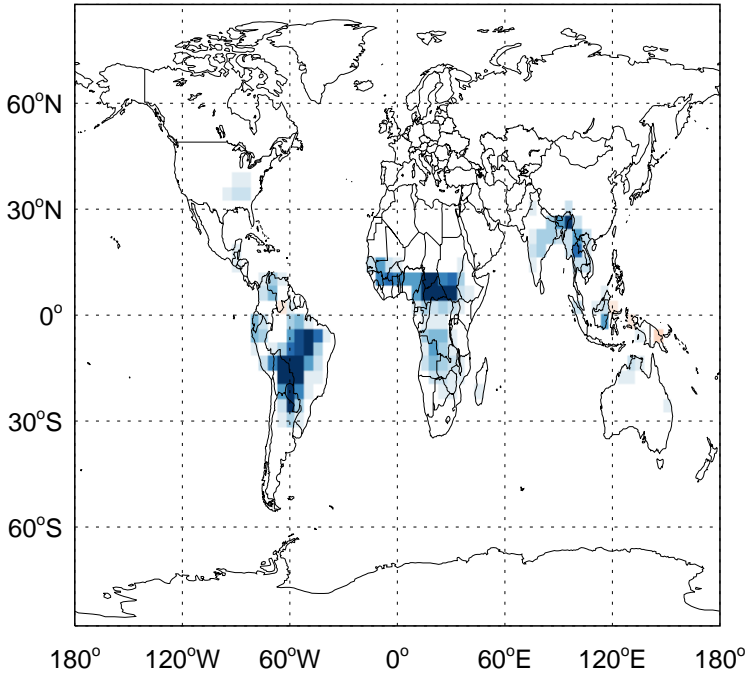
v11-02f-Run0 - v11-02e-Run0  
INDIOL- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

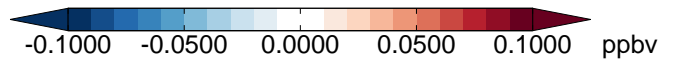
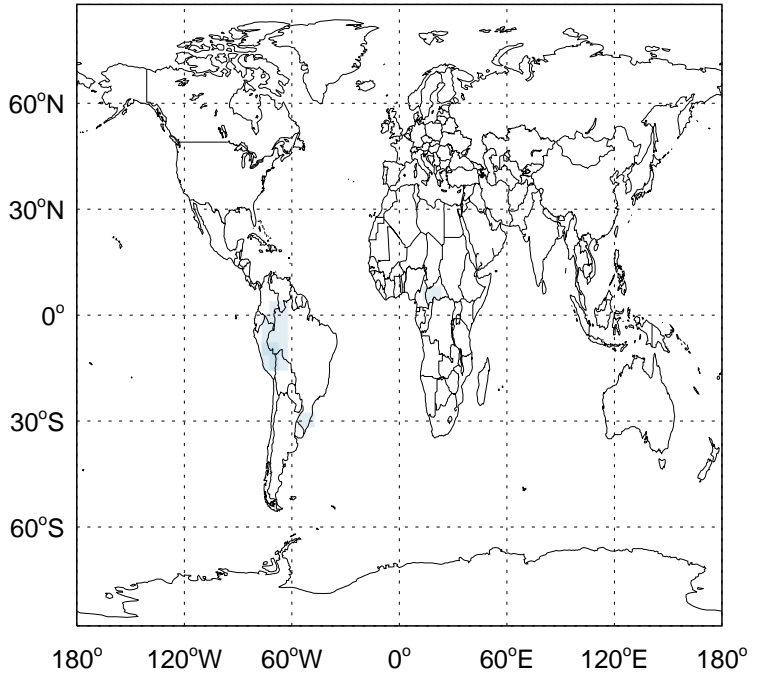
v11-02f-Run0 - v11-02e-Run1

IPMN - Diff @ Surface for Oct



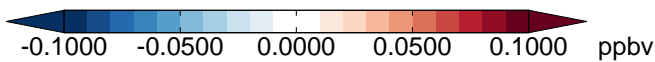
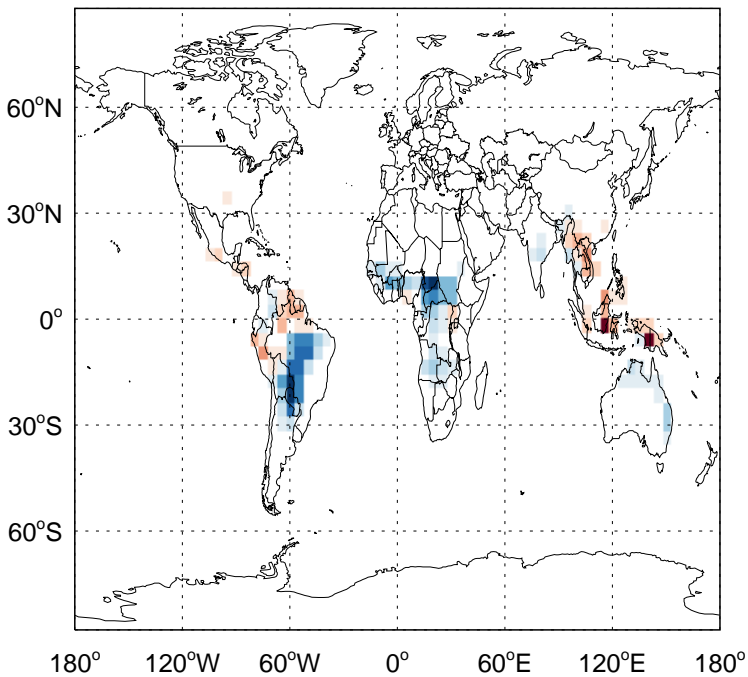
v11-02f-Run0 - v11-02e-Run1

IPMN- Diff @ 500 hPa for Oct



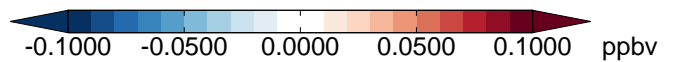
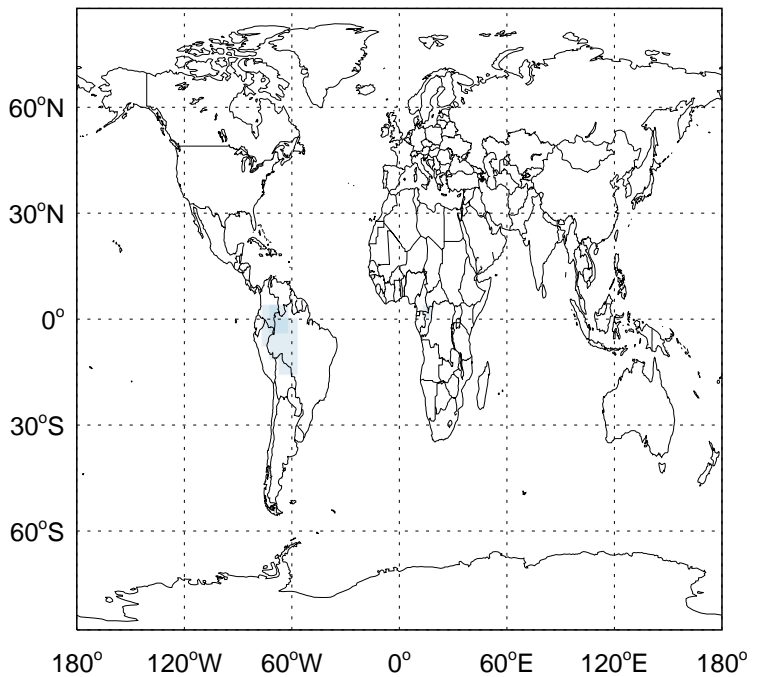
v11-02f-Run0 - v11-02e-Run0

IPMN - Diff @ Surface for Oct



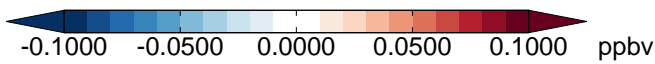
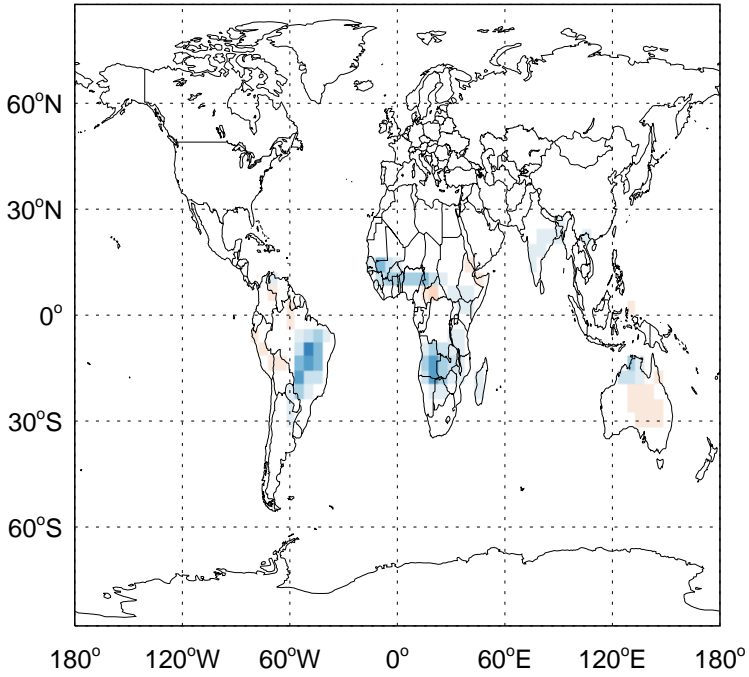
v11-02f-Run0 - v11-02e-Run0

IPMN- Diff @ 500 hPa for Oct

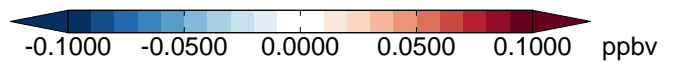
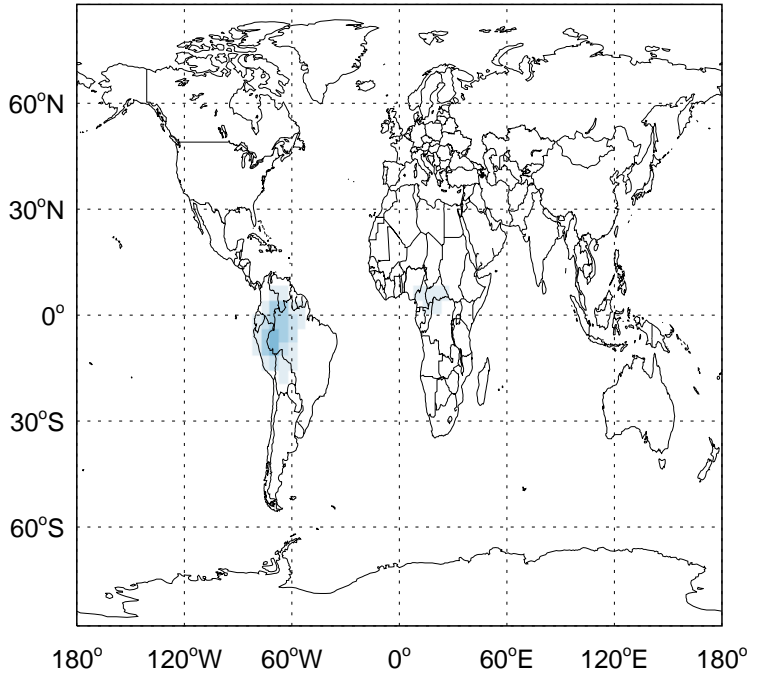


# GEOS-Chem Difference Maps at surface and 500 hPa

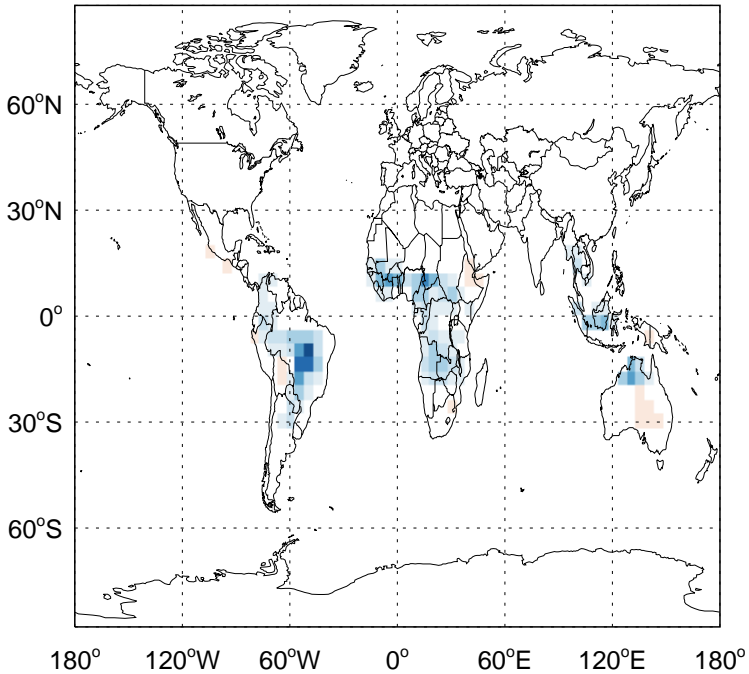
v11-02f-Run0 - v11-02e-Run1  
HC187 - Diff @ Surface for Oct



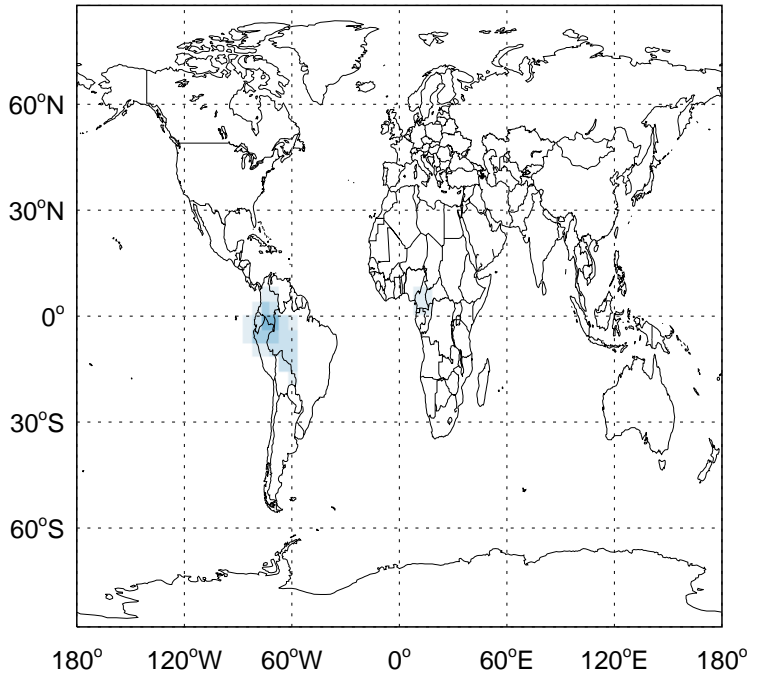
v11-02f-Run0 - v11-02e-Run1  
HC187- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HC187 - Diff @ Surface for Oct

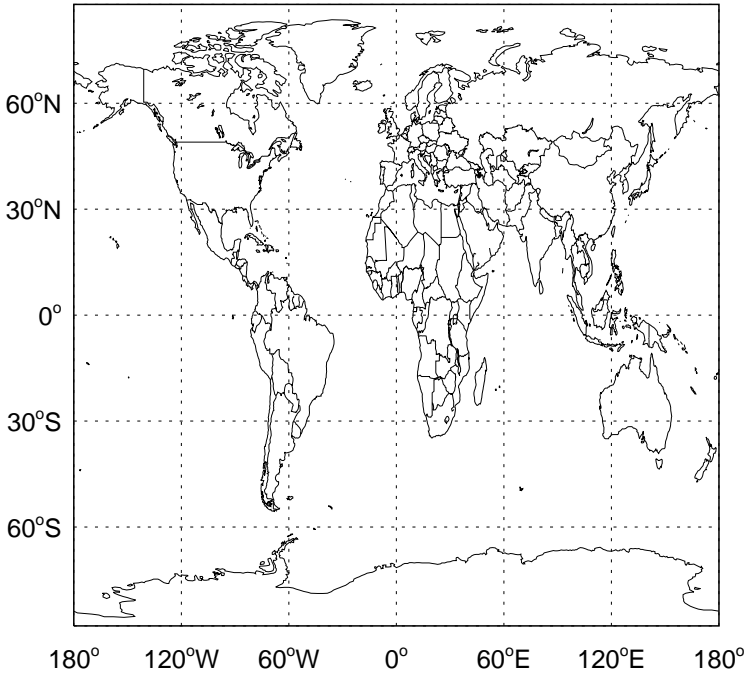


v11-02f-Run0 - v11-02e-Run0  
HC187- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

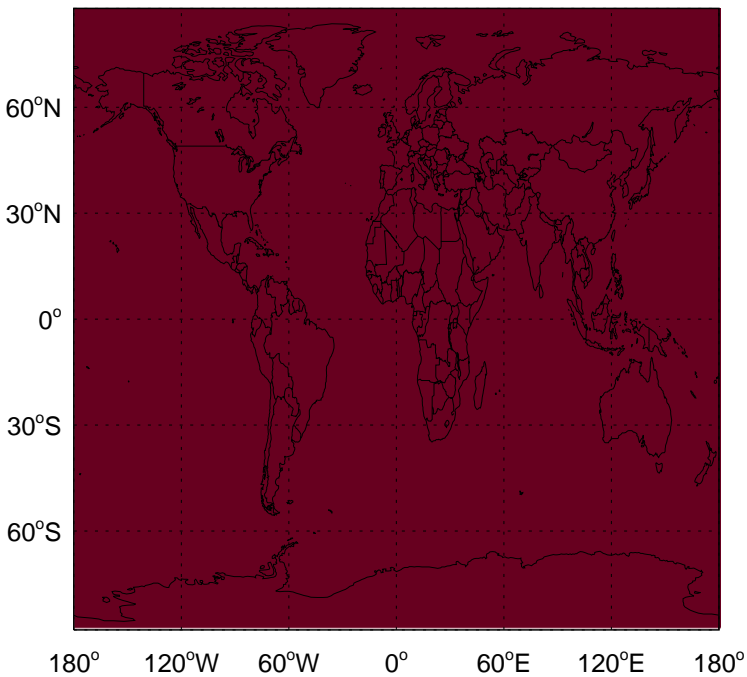
v11-02f-Run0 - v11-02e-Run1  
N2O - Diff @ Surface for Oct



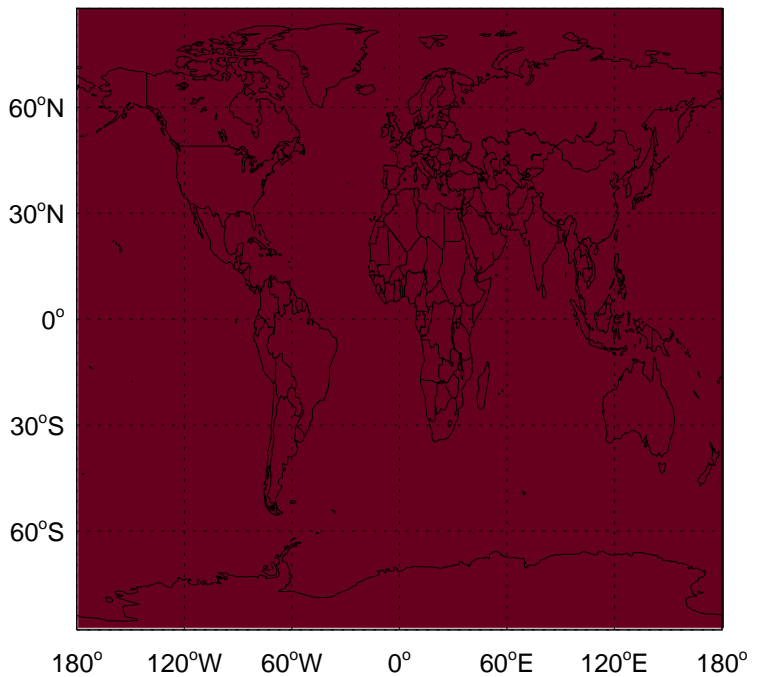
v11-02f-Run0 - v11-02e-Run1  
N2O- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
N2O - Diff @ Surface for Oct



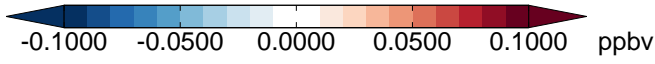
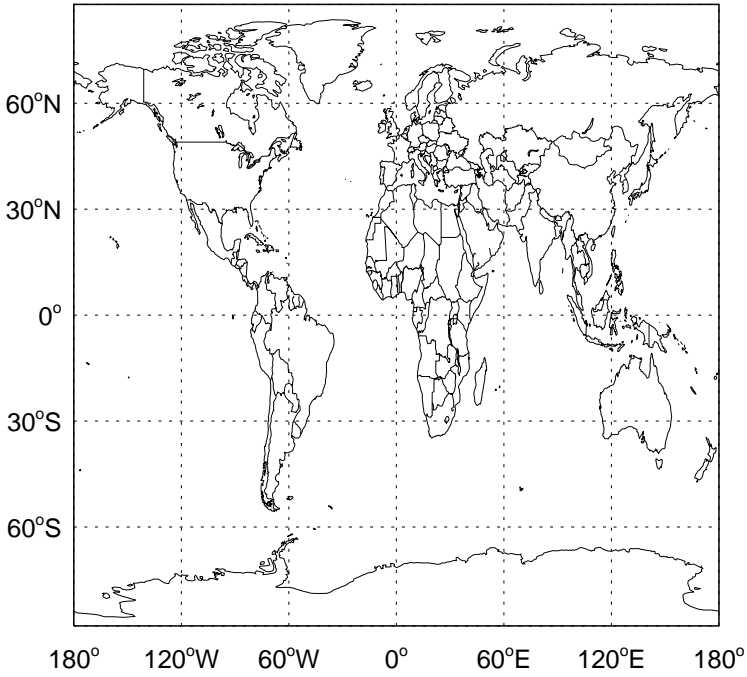
v11-02f-Run0 - v11-02e-Run0  
N2O- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

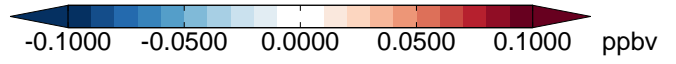
v11-02f-Run0 - v11-02e-Run1

OCS - Diff @ Surface for Oct



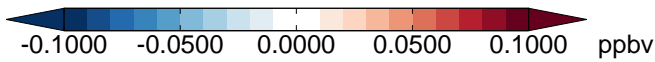
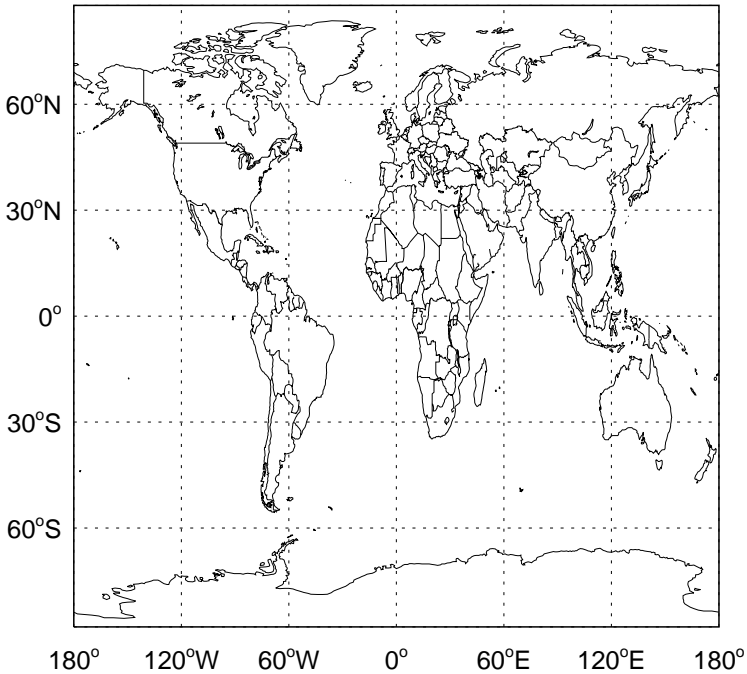
v11-02f-Run0 - v11-02e-Run1

OCS- Diff @ 500 hPa for Oct



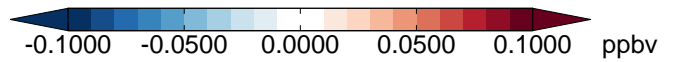
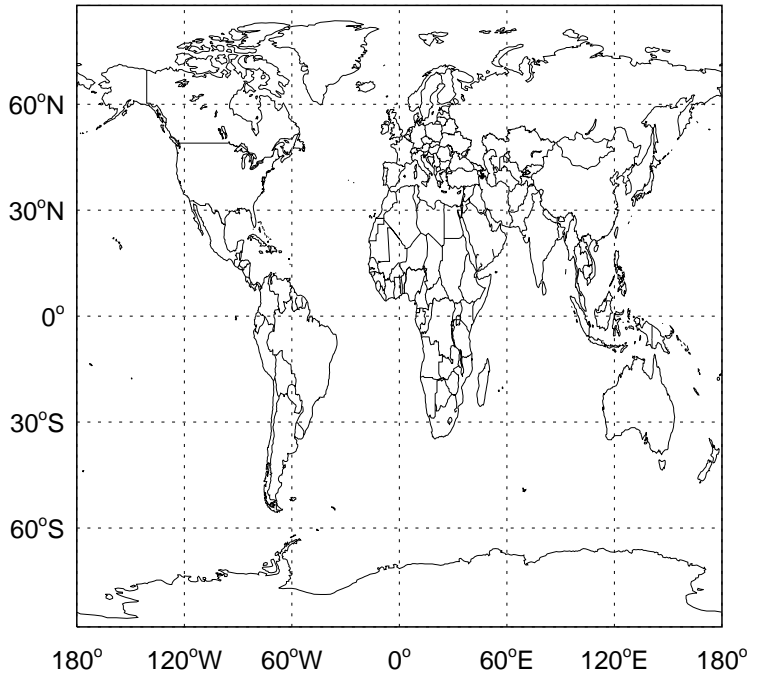
v11-02f-Run0 - v11-02e-Run0

OCS - Diff @ Surface for Oct



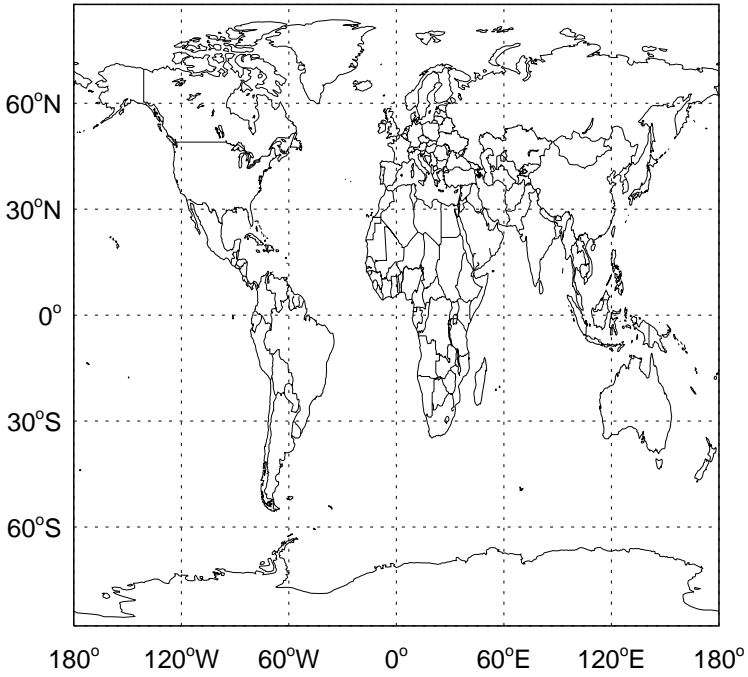
v11-02f-Run0 - v11-02e-Run0

OCS- Diff @ 500 hPa for Oct

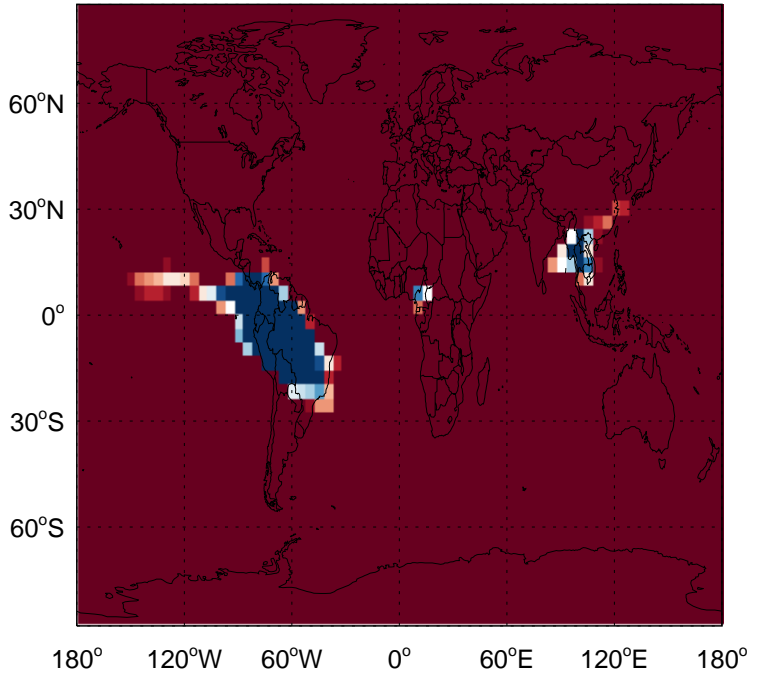


# GEOS-Chem Difference Maps at surface and 500 hPa

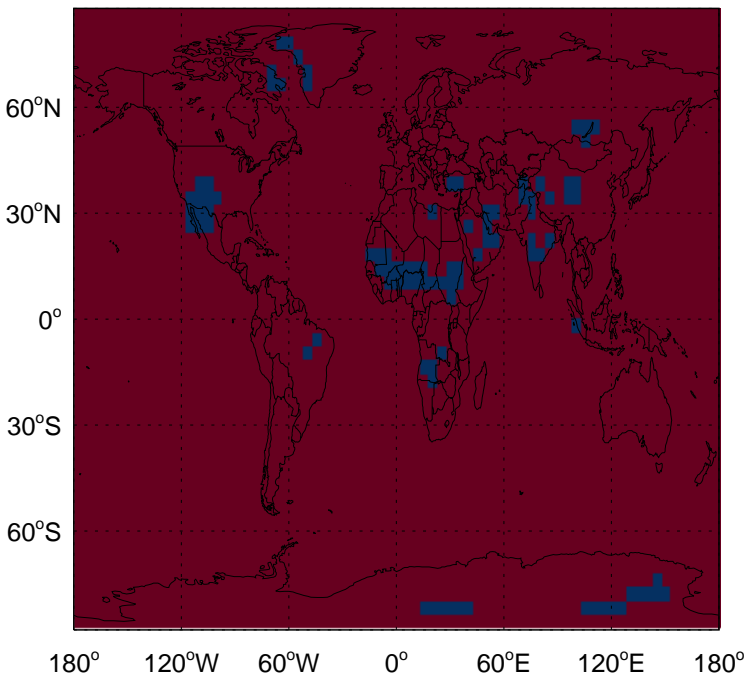
v11-02f-Run0 - v11-02e-Run1  
CH4 - Diff @ Surface for Oct



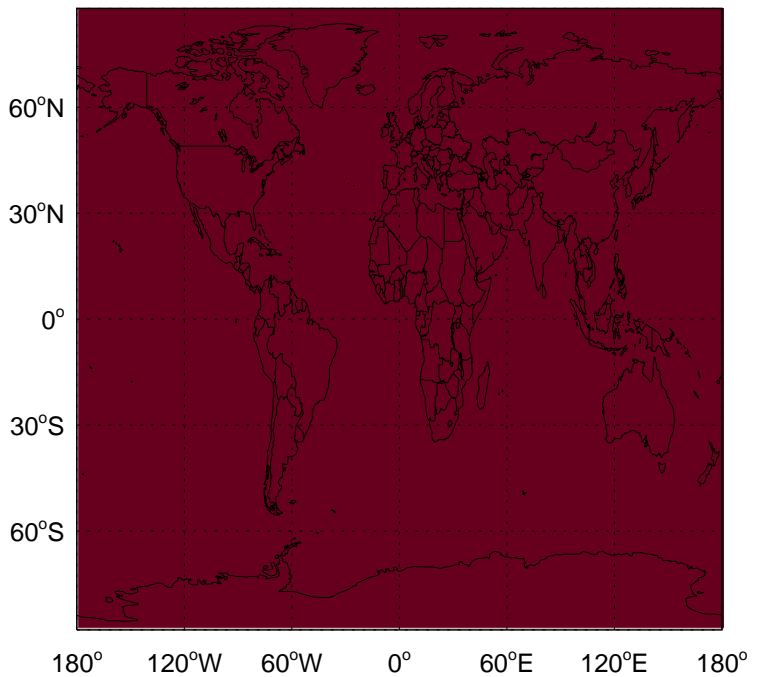
v11-02f-Run0 - v11-02e-Run1  
CH4- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CH4 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
CH4- Diff @ 500 hPa for Oct

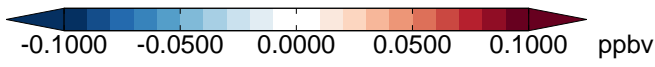
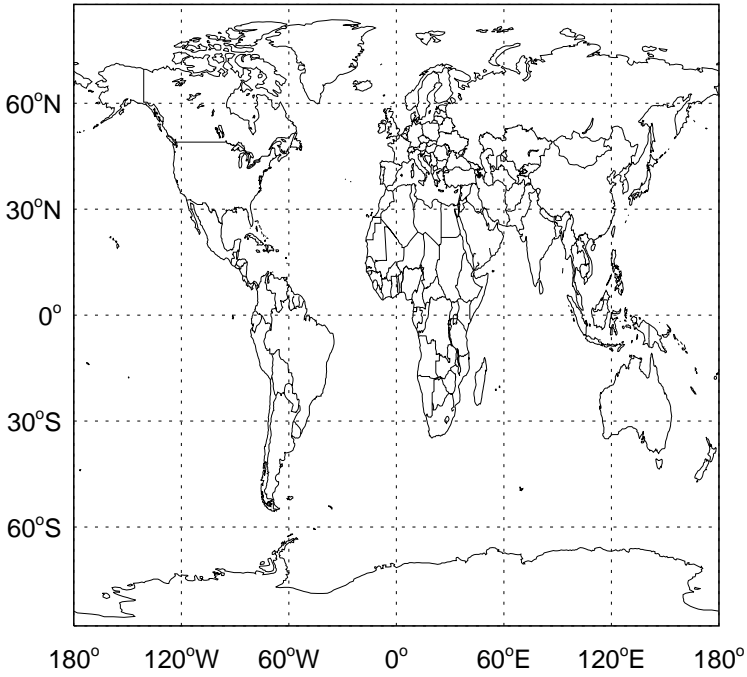




# GEOS-Chem Difference Maps at surface and 500 hPa

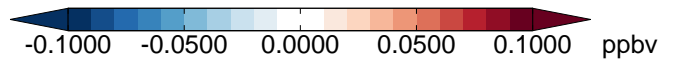
v11-02f-Run0 - v11-02e-Run1

BrCl - Diff @ Surface for Oct



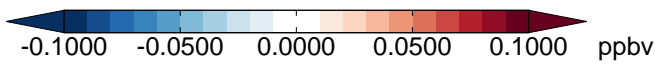
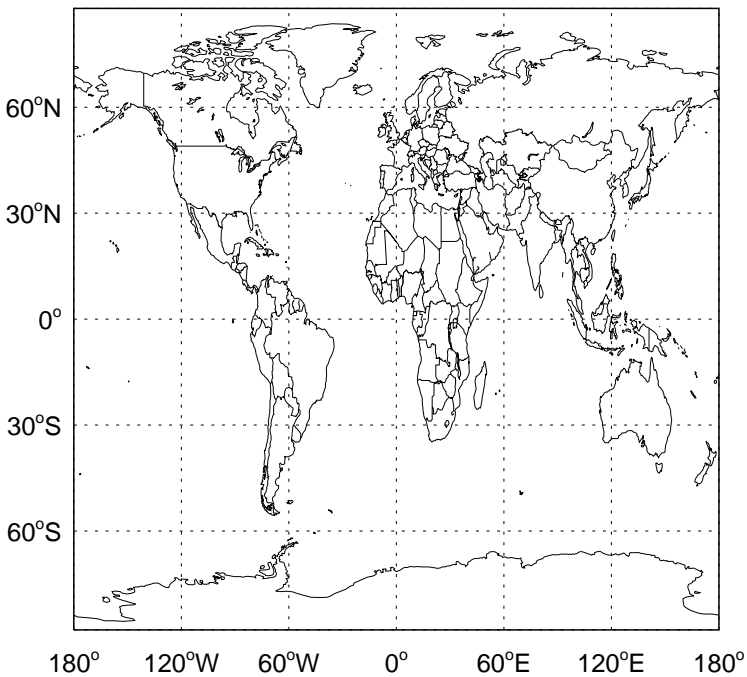
v11-02f-Run0 - v11-02e-Run1

BrCl - Diff @ 500 hPa for Oct



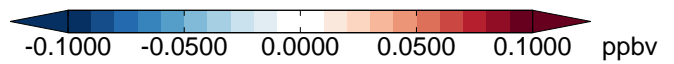
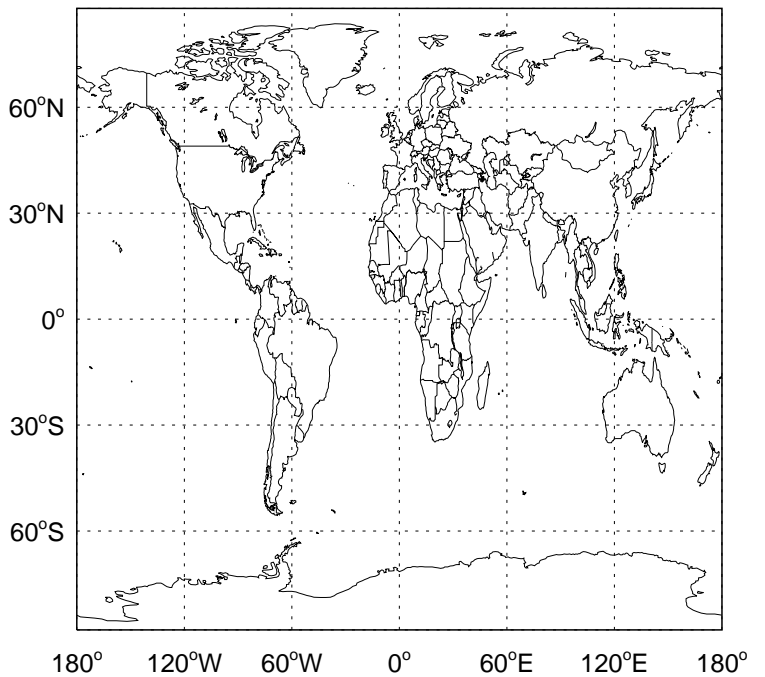
v11-02f-Run0 - v11-02e-Run0

BrCl - Diff @ Surface for Oct



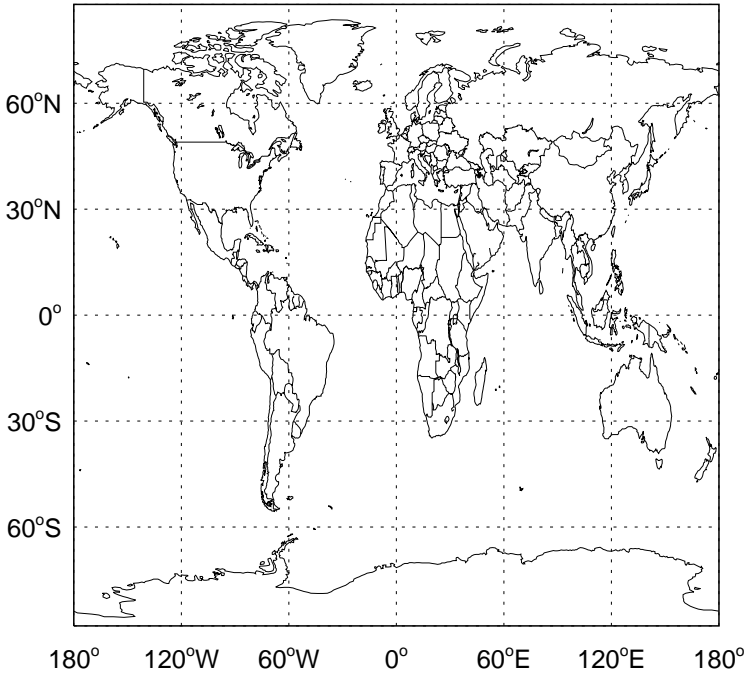
v11-02f-Run0 - v11-02e-Run0

BrCl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

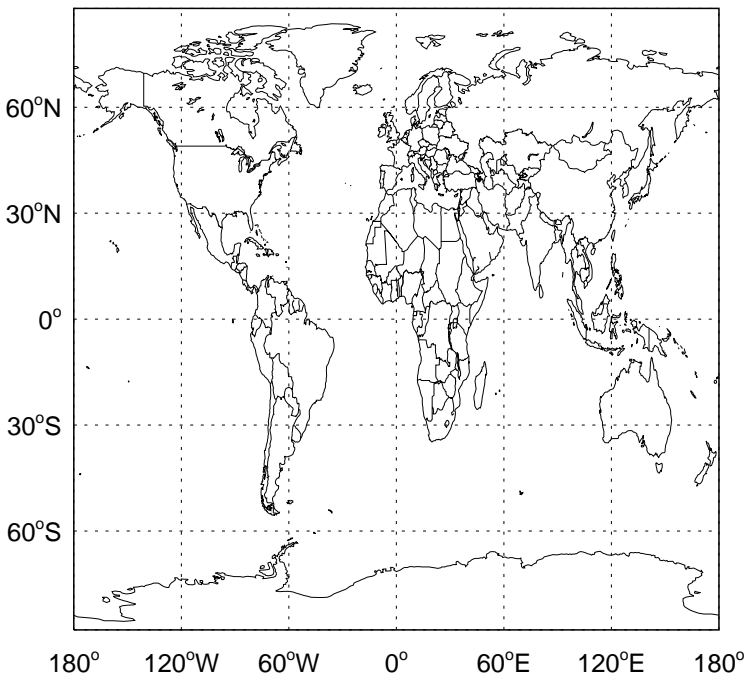
v11-02f-Run0 - v11-02e-Run1  
HCl - Diff @ Surface for Oct



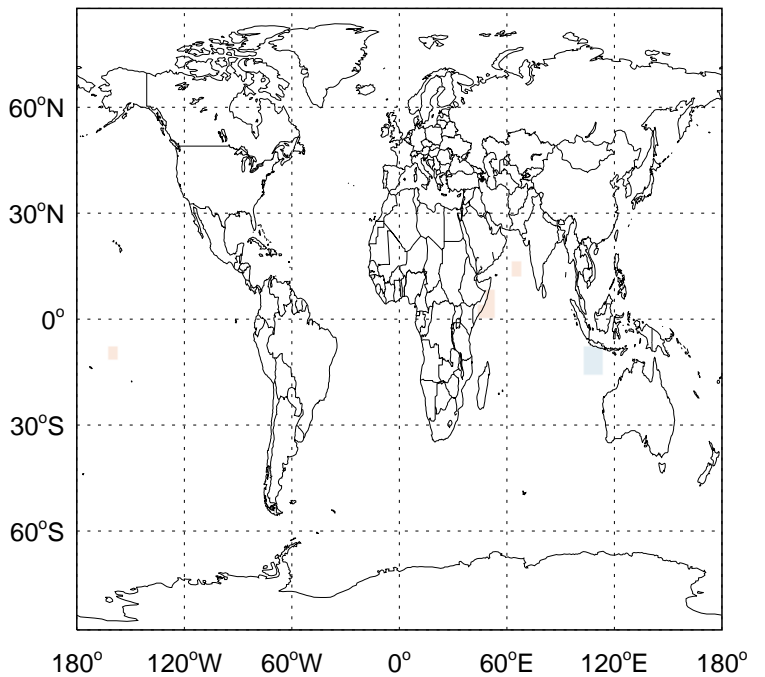
v11-02f-Run0 - v11-02e-Run1  
HCl- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HCl - Diff @ Surface for Oct



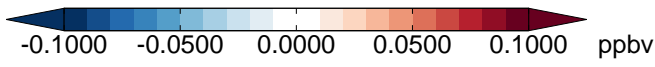
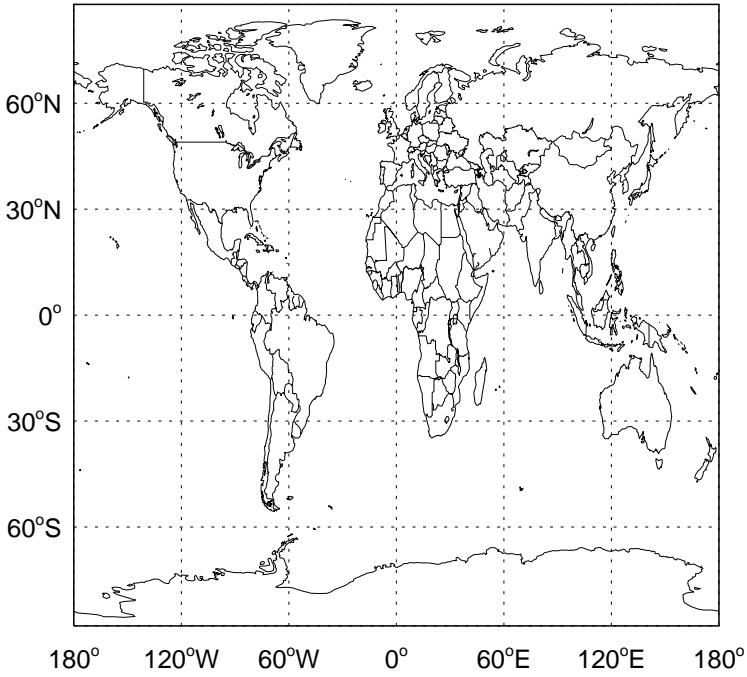
v11-02f-Run0 - v11-02e-Run0  
HCl- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

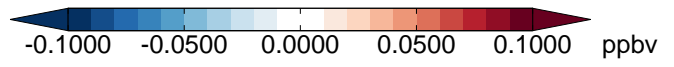
v11-02f-Run0 - v11-02e-Run1

CCl4 - Diff @ Surface for Oct



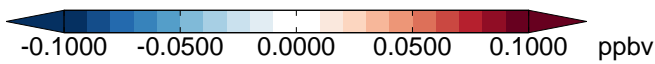
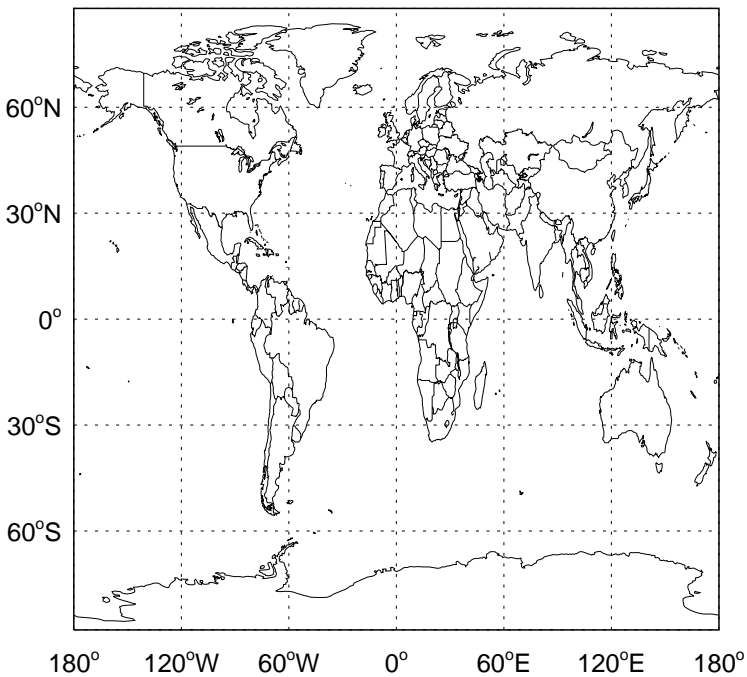
v11-02f-Run0 - v11-02e-Run1

CCl4- Diff @ 500 hPa for Oct



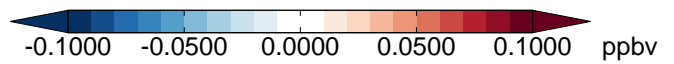
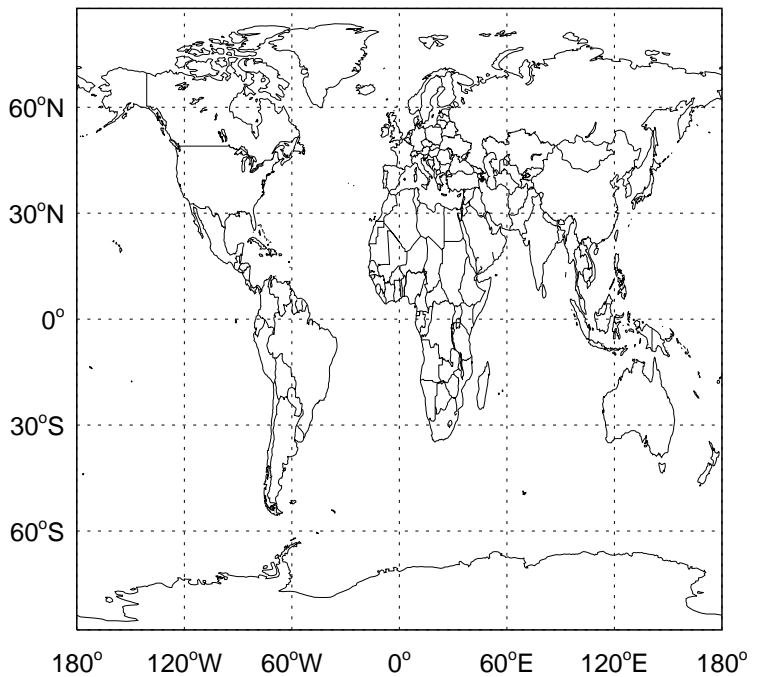
v11-02f-Run0 - v11-02e-Run0

CCl4 - Diff @ Surface for Oct



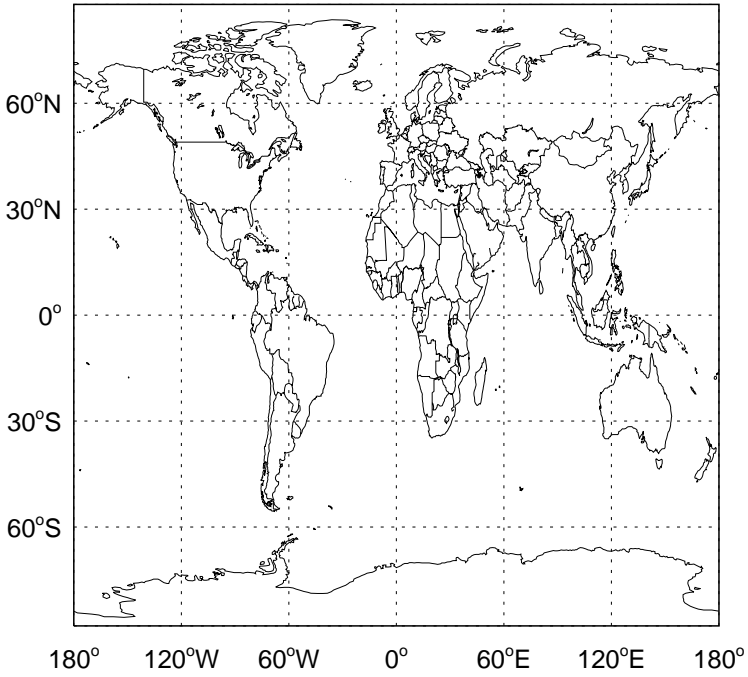
v11-02f-Run0 - v11-02e-Run0

CCl4- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

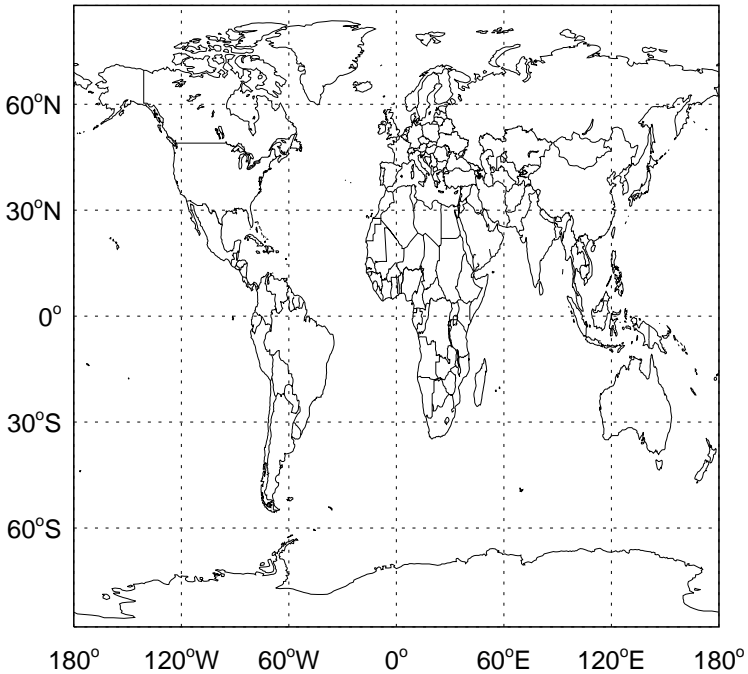
v11-02f-Run0 - v11-02e-Run1  
CH<sub>3</sub>Cl - Diff @ Surface for Oct



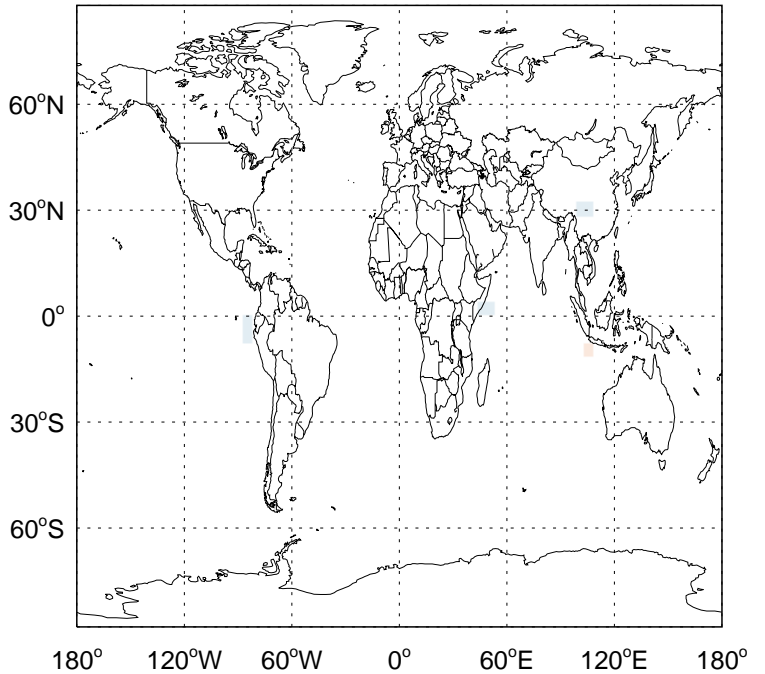
v11-02f-Run0 - v11-02e-Run1  
CH<sub>3</sub>Cl - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CH<sub>3</sub>Cl - Diff @ Surface for Oct

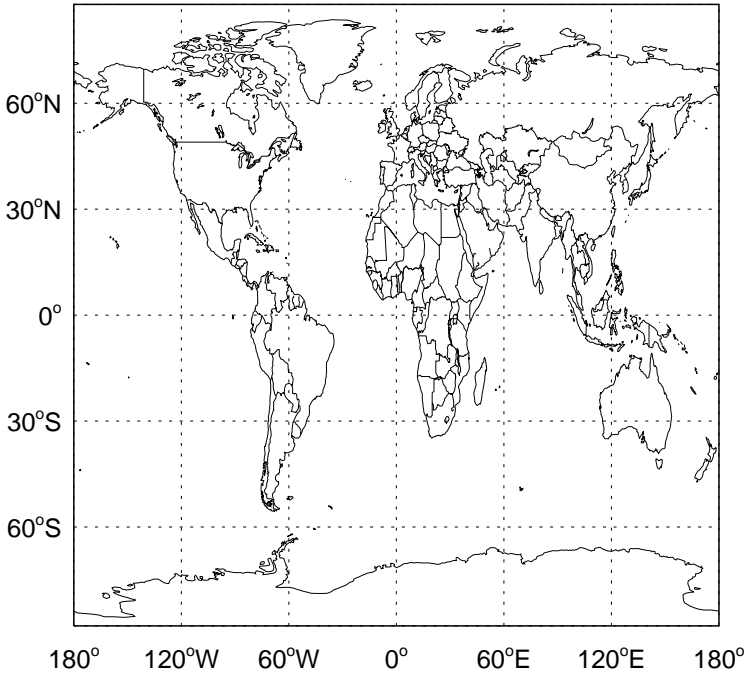


v11-02f-Run0 - v11-02e-Run0  
CH<sub>3</sub>Cl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

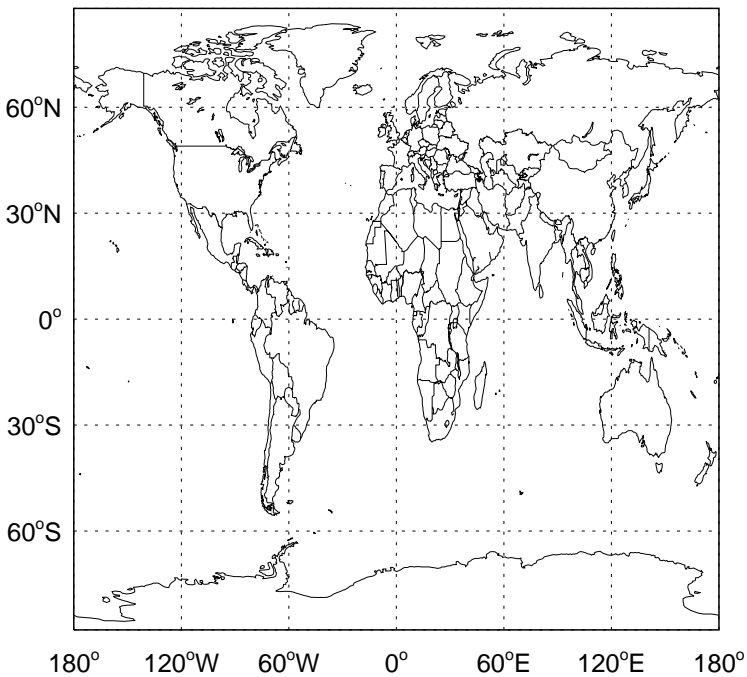
v11-02f-Run0 - v11-02e-Run1  
CH<sub>3</sub>CCl<sub>3</sub> - Diff @ Surface for Oct



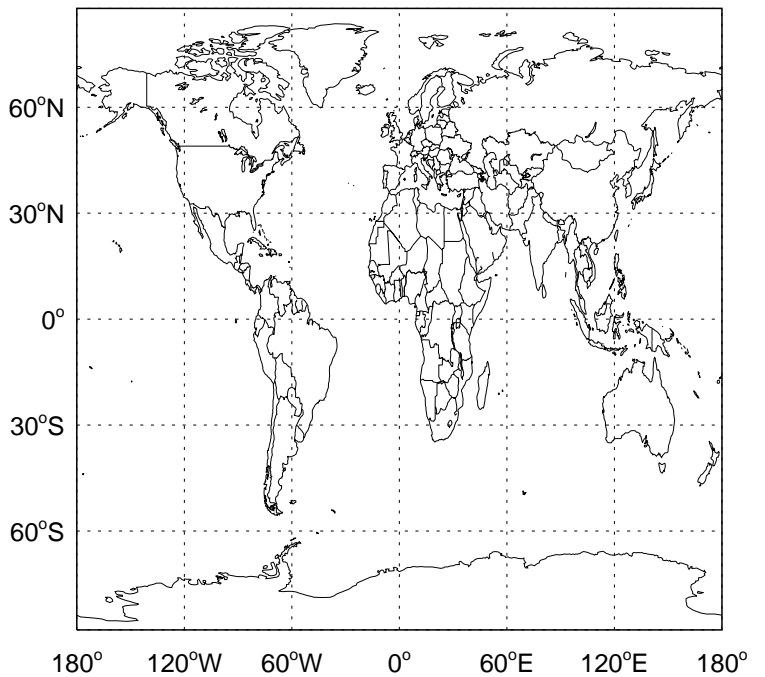
v11-02f-Run0 - v11-02e-Run1  
CH<sub>3</sub>CCl<sub>3</sub>- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CH<sub>3</sub>CCl<sub>3</sub> - Diff @ Surface for Oct

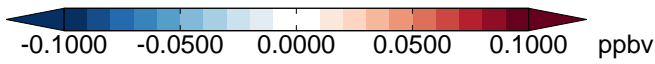
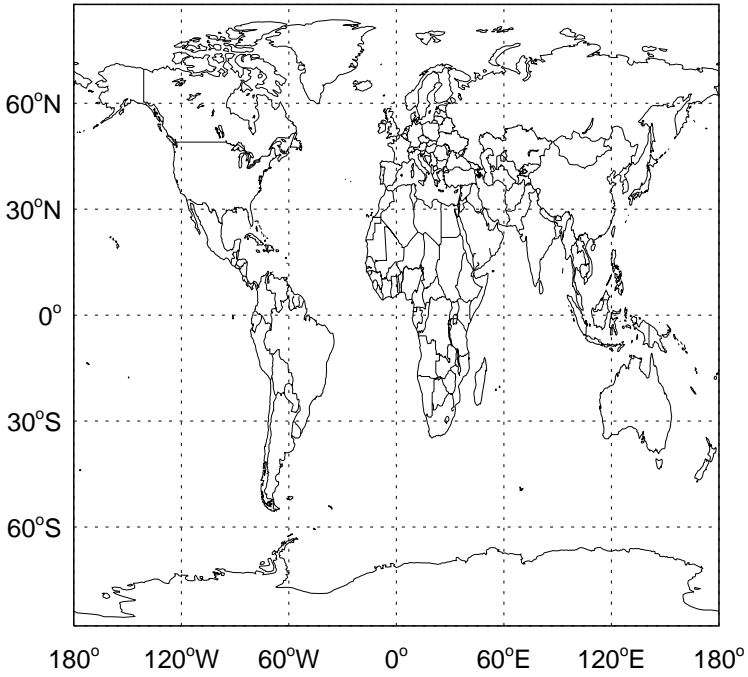


v11-02f-Run0 - v11-02e-Run0  
CH<sub>3</sub>CCl<sub>3</sub>- Diff @ 500 hPa for Oct

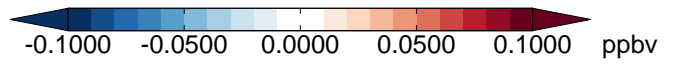


# GEOS-Chem Difference Maps at surface and 500 hPa

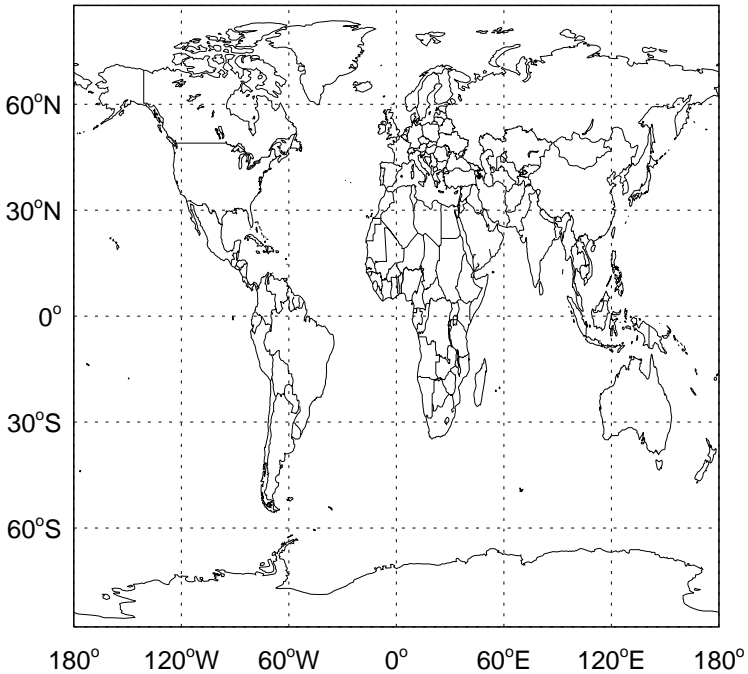
v11-02f-Run0 - v11-02e-Run1  
CFC113 - Diff @ Surface for Oct



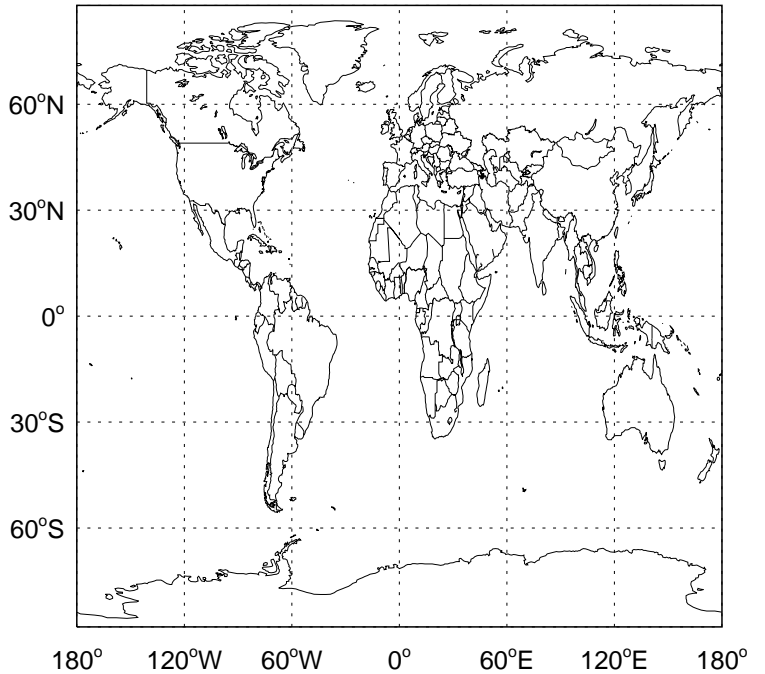
v11-02f-Run0 - v11-02e-Run1  
CFC113- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CFC113 - Diff @ Surface for Oct



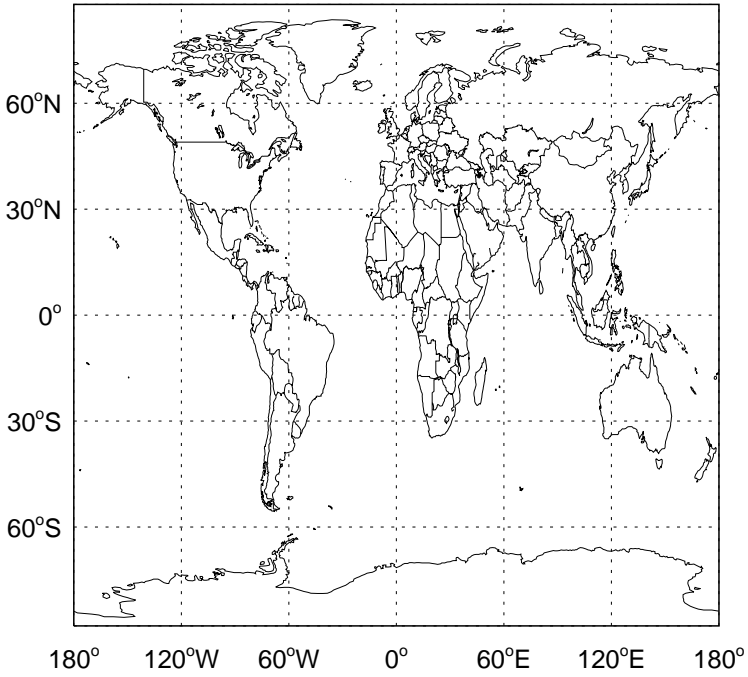
v11-02f-Run0 - v11-02e-Run0  
CFC113- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

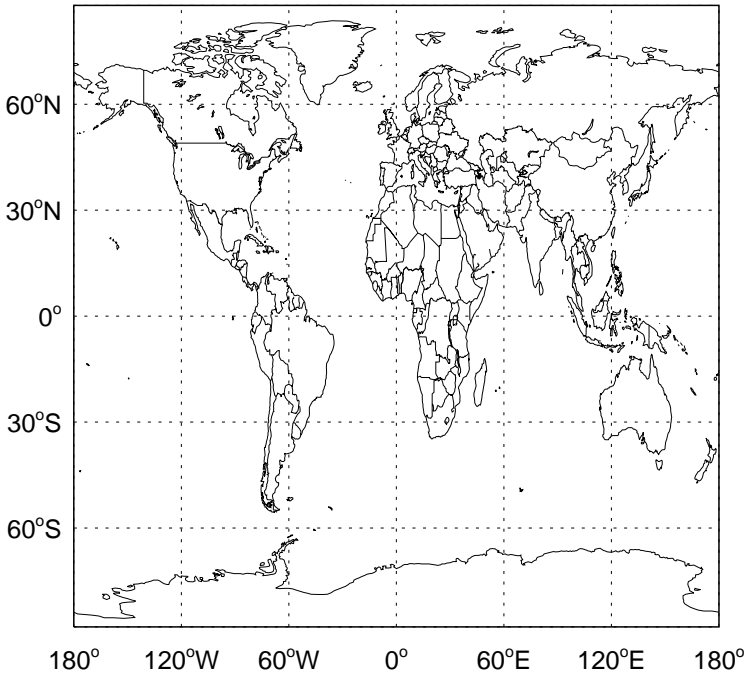
v11-02f-Run0 - v11-02e-Run1  
CFC114 - Diff @ Surface for Oct



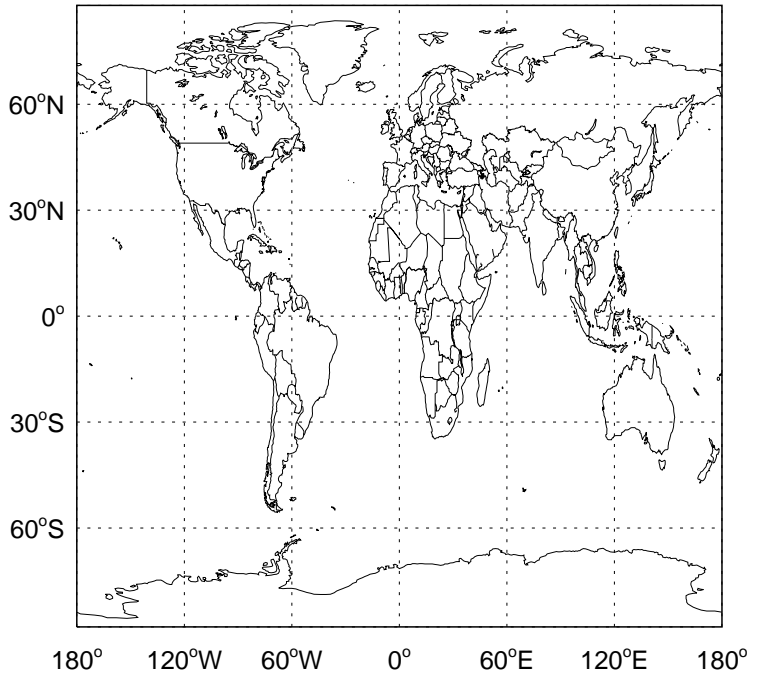
v11-02f-Run0 - v11-02e-Run1  
CFC114- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CFC114 - Diff @ Surface for Oct

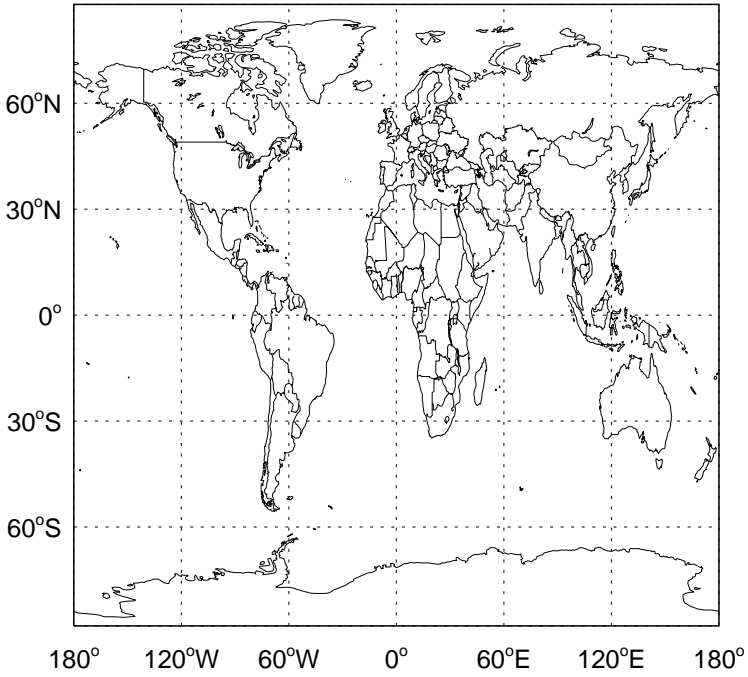


v11-02f-Run0 - v11-02e-Run0  
CFC114- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

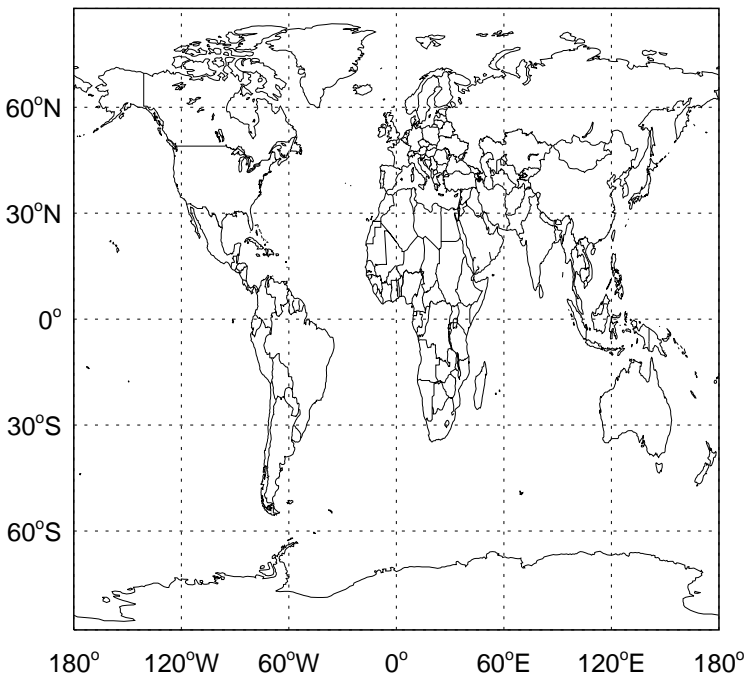
v11-02f-Run0 - v11-02e-Run1  
CFC115 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
CFC115- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CFC115 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
CFC115- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

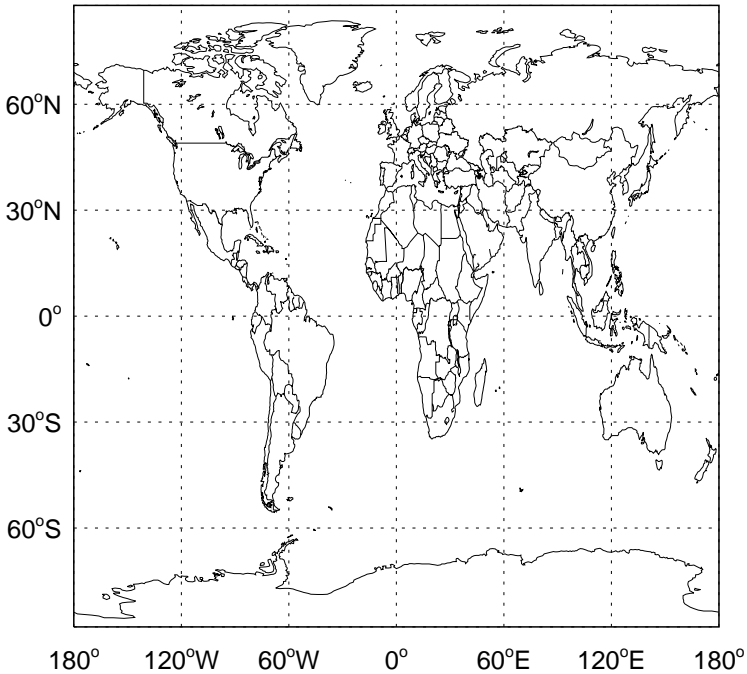
v11-02f-Run0 - v11-02e-Run1  
HCFC123 - Diff @ Surface for Oct



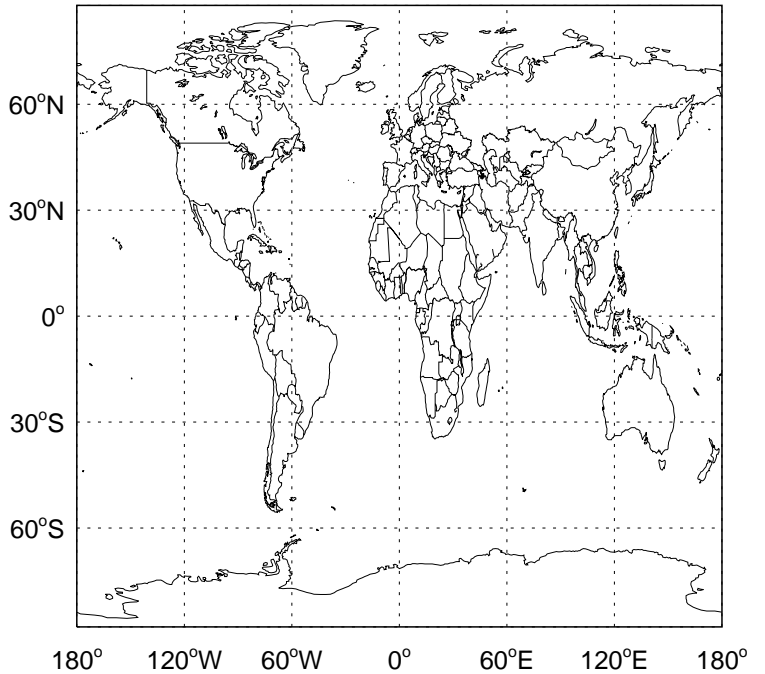
v11-02f-Run0 - v11-02e-Run1  
HCFC123- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HCFC123 - Diff @ Surface for Oct

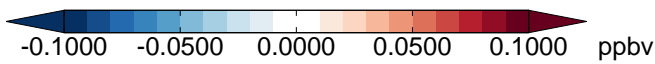
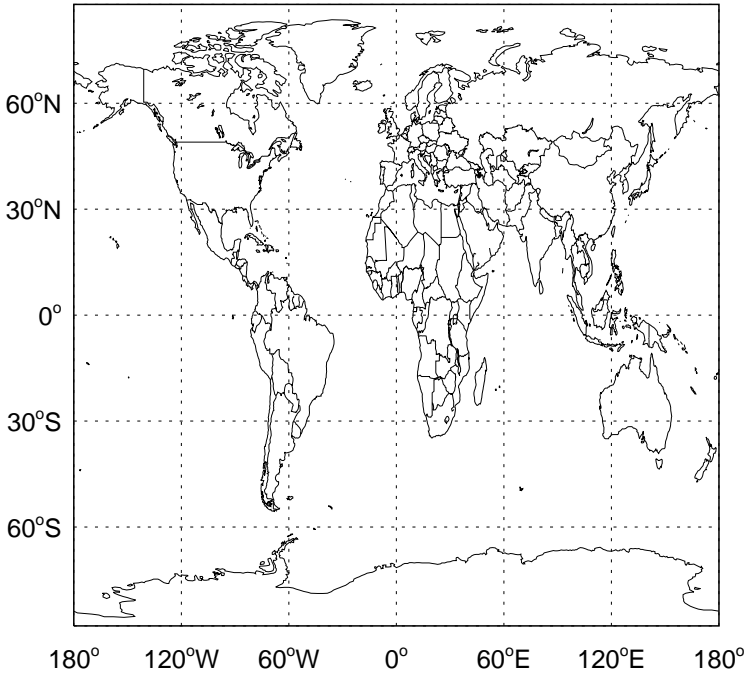


v11-02f-Run0 - v11-02e-Run0  
HCFC123- Diff @ 500 hPa for Oct

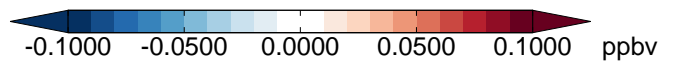


# GEOS-Chem Difference Maps at surface and 500 hPa

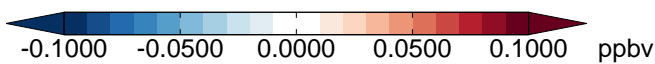
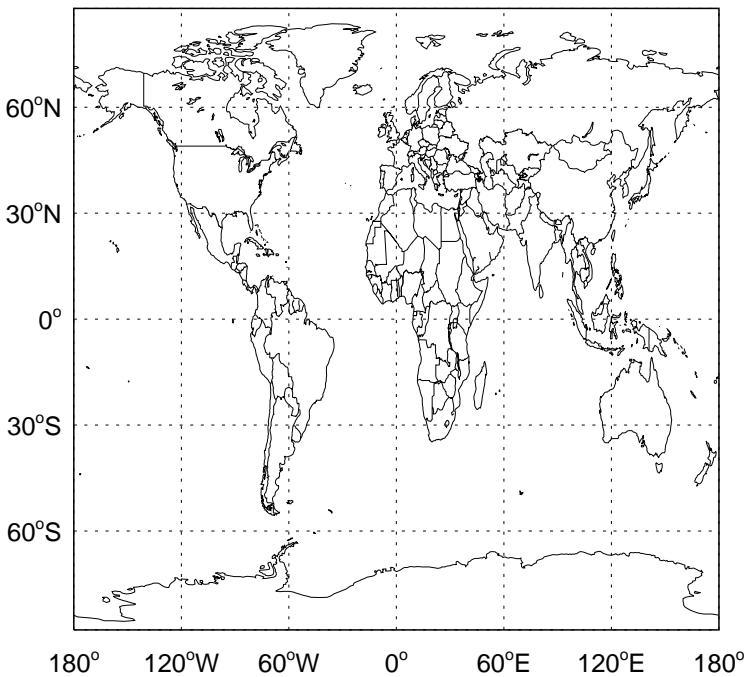
v11-02f-Run0 - v11-02e-Run1  
HCFC141b - Diff @ Surface for Oct



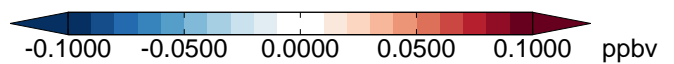
v11-02f-Run0 - v11-02e-Run1  
HCFC141b- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HCFC141b - Diff @ Surface for Oct

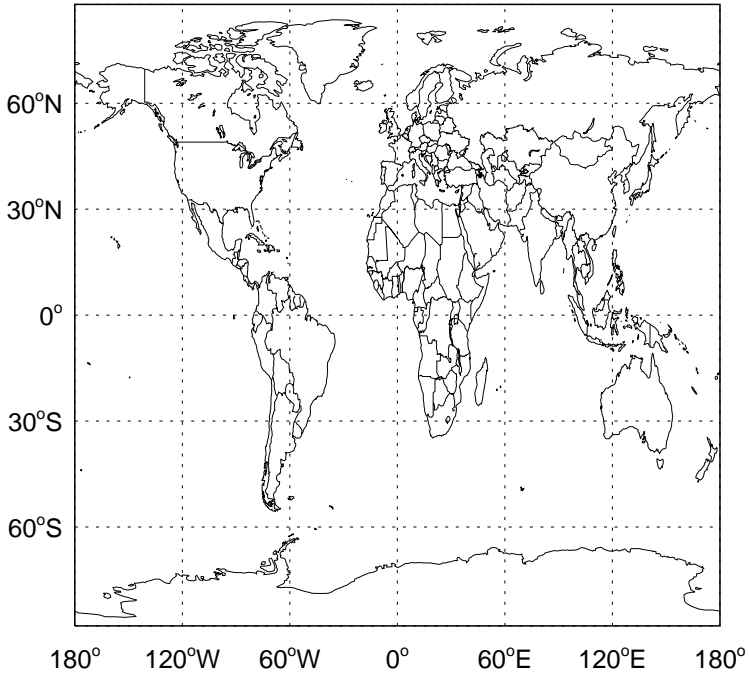


v11-02f-Run0 - v11-02e-Run0  
HCFC141b- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

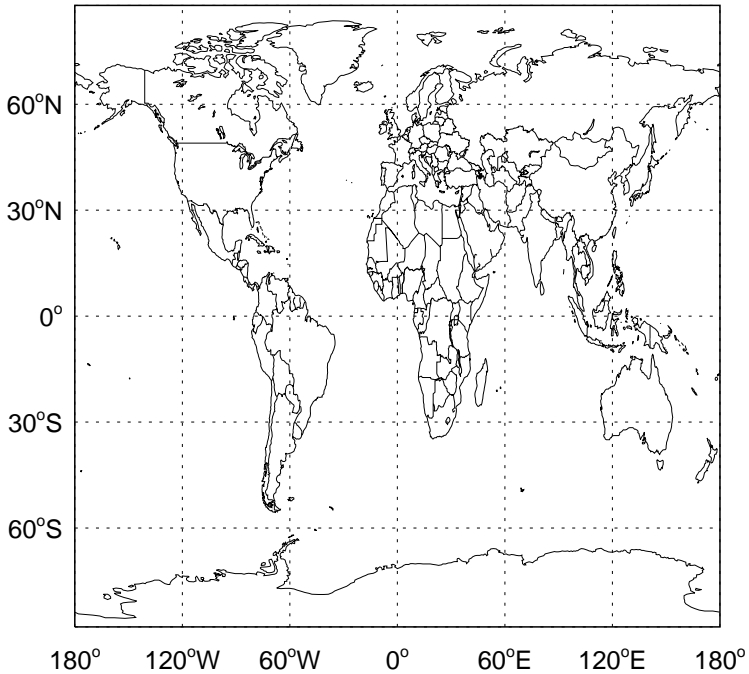
v11-02f-Run0 - v11-02e-Run1  
HCFC142b - Diff @ Surface for Oct



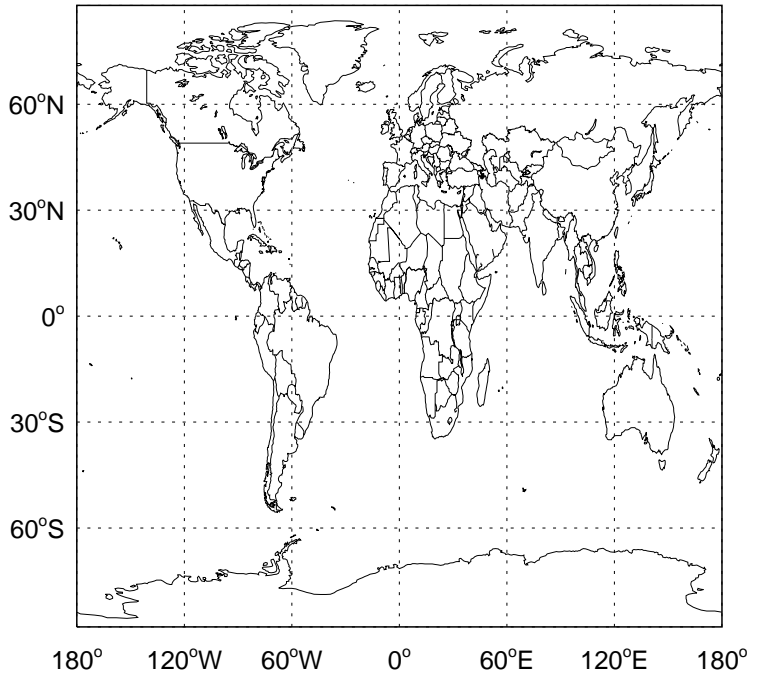
v11-02f-Run0 - v11-02e-Run1  
HCFC142b - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HCFC142b - Diff @ Surface for Oct

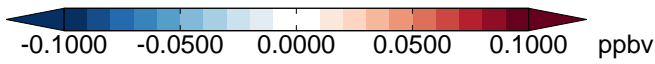
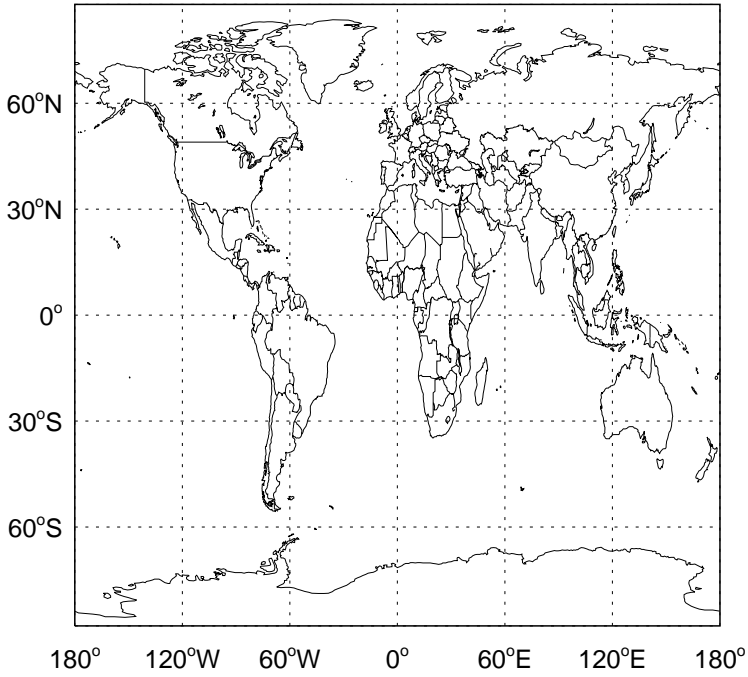


v11-02f-Run0 - v11-02e-Run0  
HCFC142b - Diff @ 500 hPa for Oct

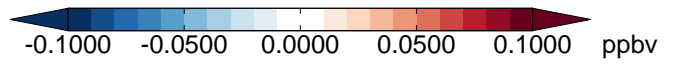


# GEOS-Chem Difference Maps at surface and 500 hPa

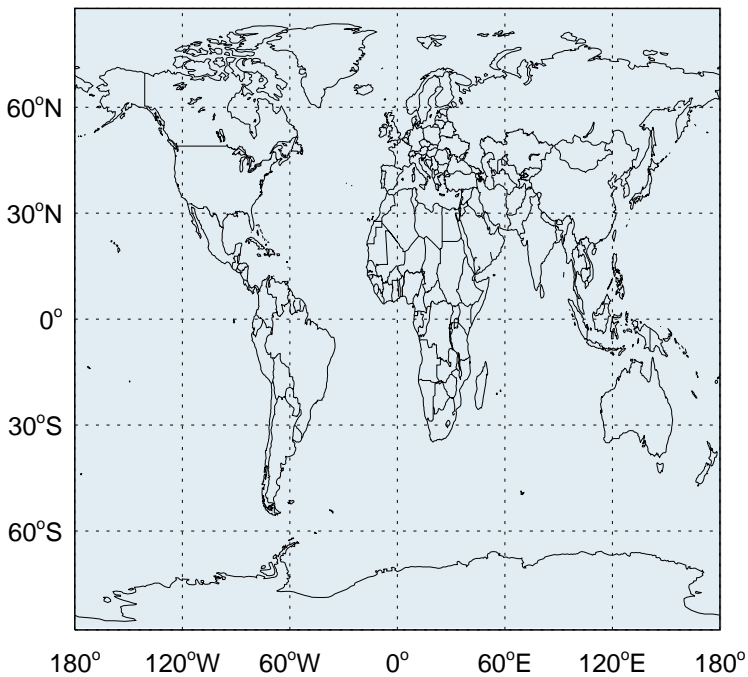
v11-02f-Run0 - v11-02e-Run1  
CFC11 - Diff @ Surface for Oct



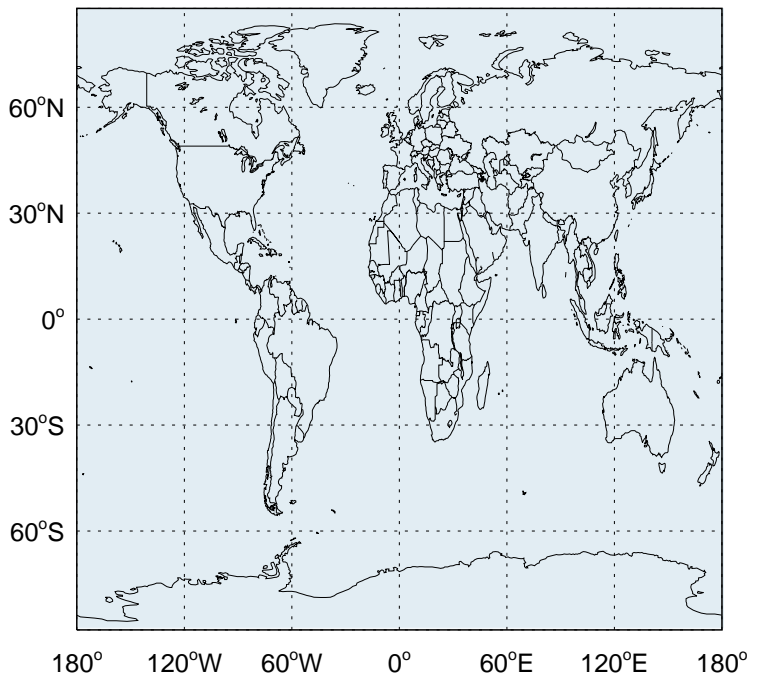
v11-02f-Run0 - v11-02e-Run1  
CFC11- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CFC11 - Diff @ Surface for Oct

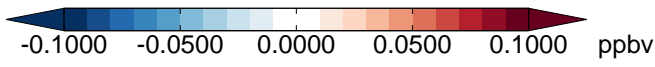
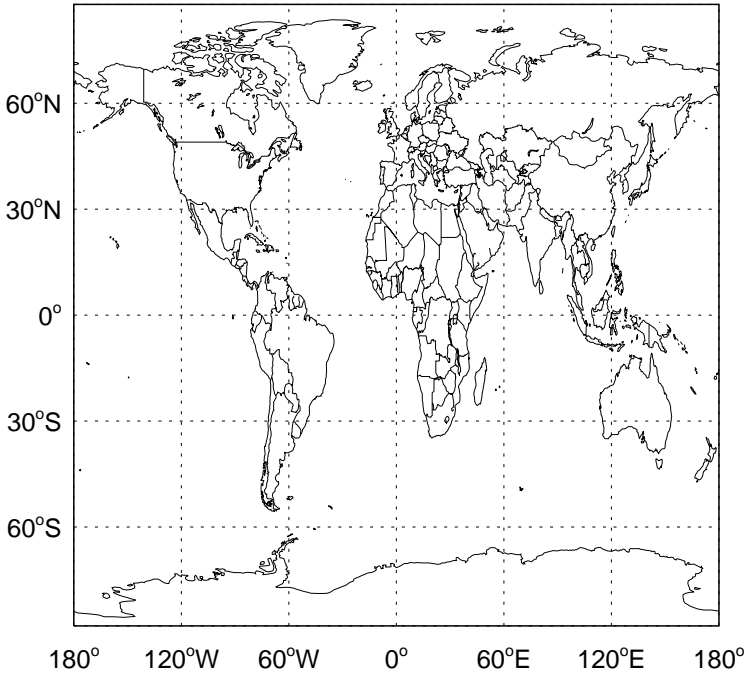


v11-02f-Run0 - v11-02e-Run0  
CFC11- Diff @ 500 hPa for Oct

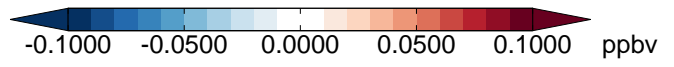
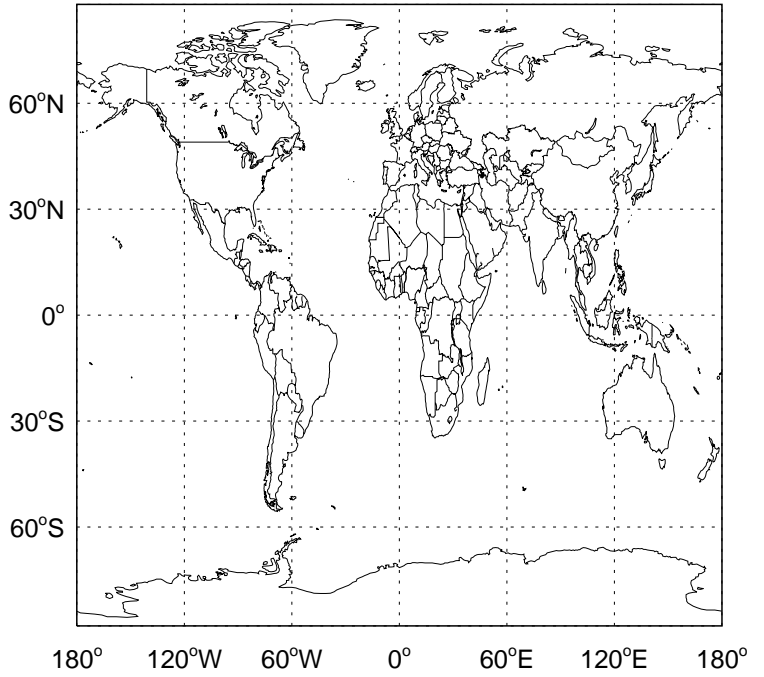


# GEOS-Chem Difference Maps at surface and 500 hPa

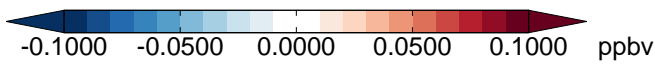
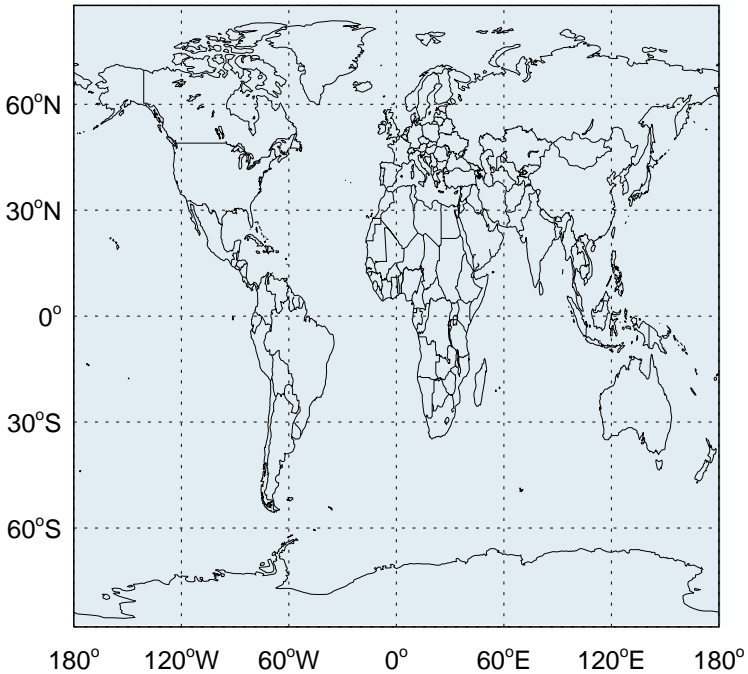
v11-02f-Run0 - v11-02e-Run1  
CFC12 - Diff @ Surface for Oct



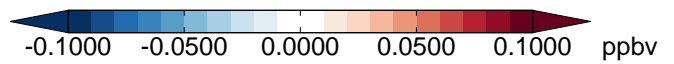
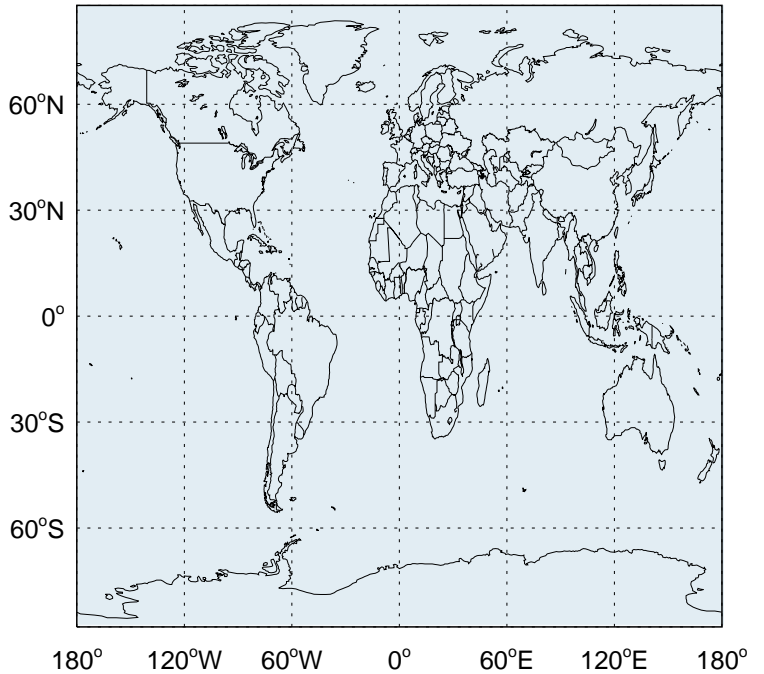
v11-02f-Run0 - v11-02e-Run1  
CFC12- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CFC12 - Diff @ Surface for Oct



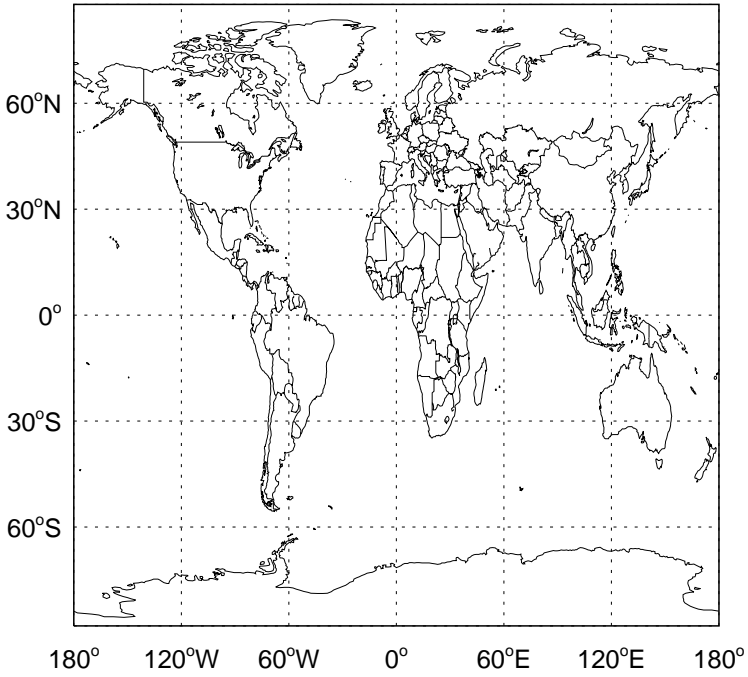
v11-02f-Run0 - v11-02e-Run0  
CFC12- Diff @ 500 hPa for Oct



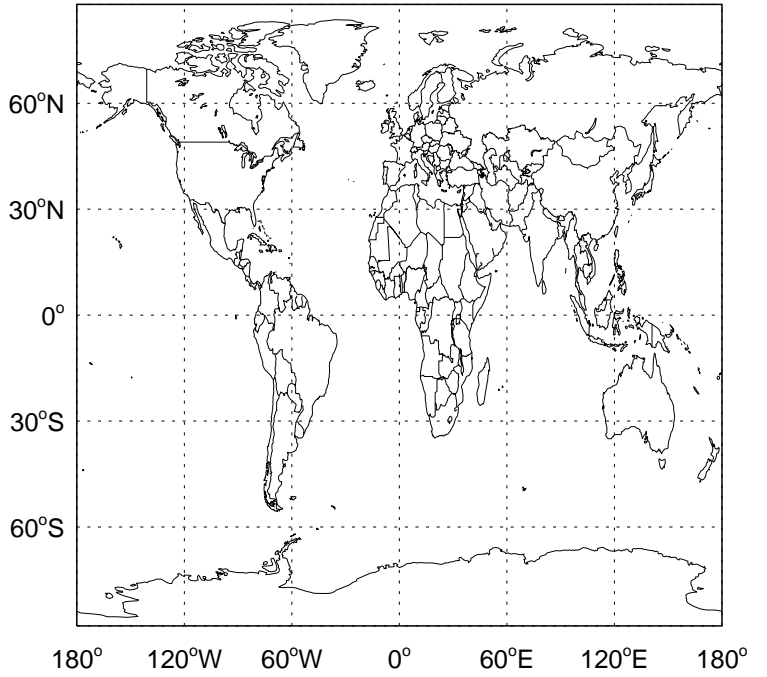


# GEOS-Chem Difference Maps at surface and 500 hPa

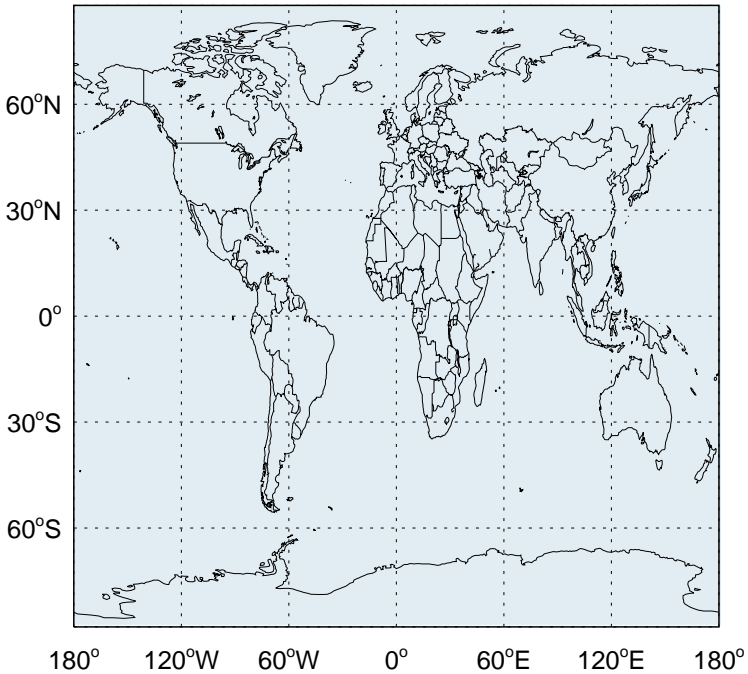
v11-02f-Run0 - v11-02e-Run1  
HCFC22 - Diff @ Surface for Oct



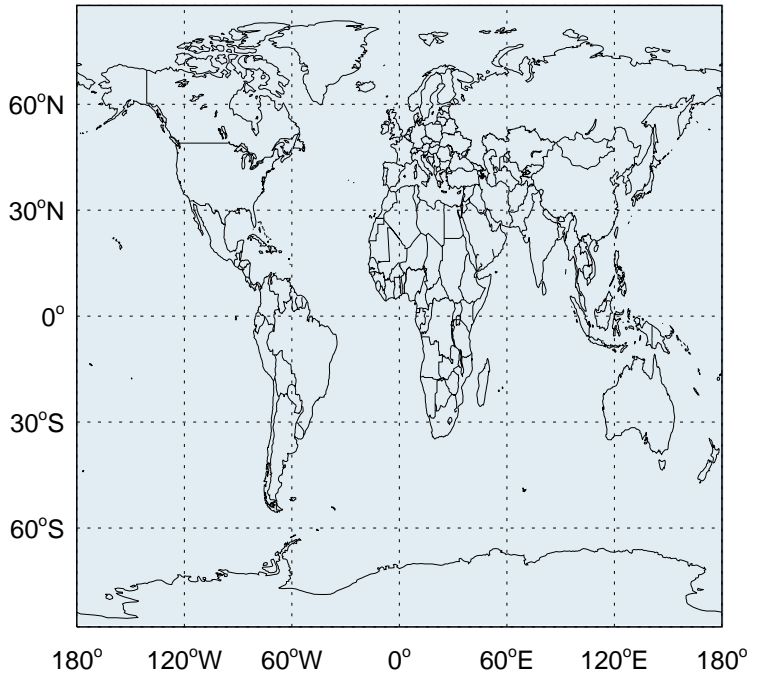
v11-02f-Run0 - v11-02e-Run1  
HCFC22- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HCFC22 - Diff @ Surface for Oct

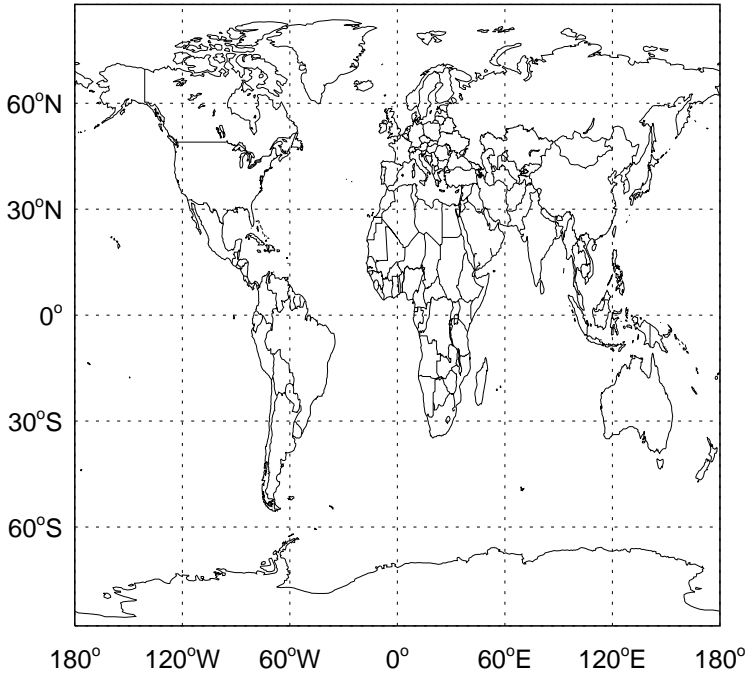


v11-02f-Run0 - v11-02e-Run0  
HCFC22- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

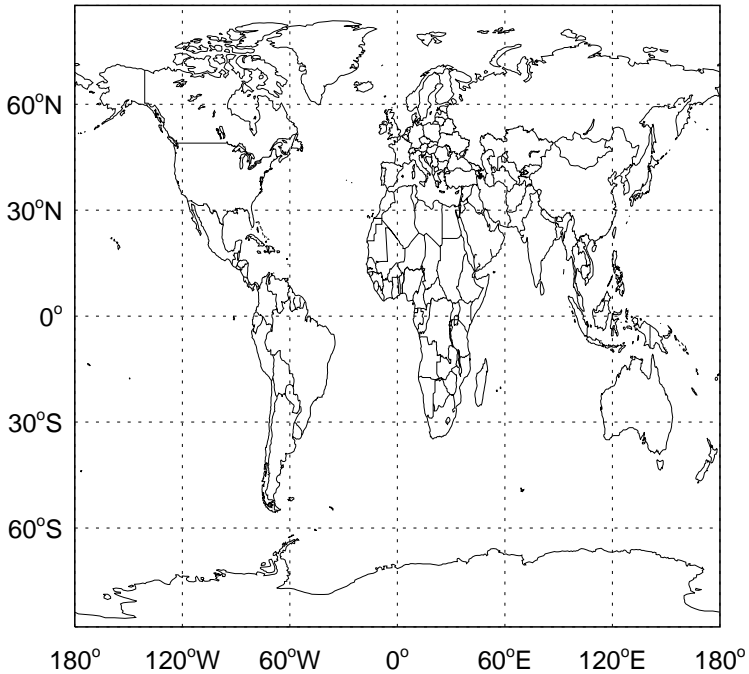
v11-02f-Run0 - v11-02e-Run1  
H1211 - Diff @ Surface for Oct



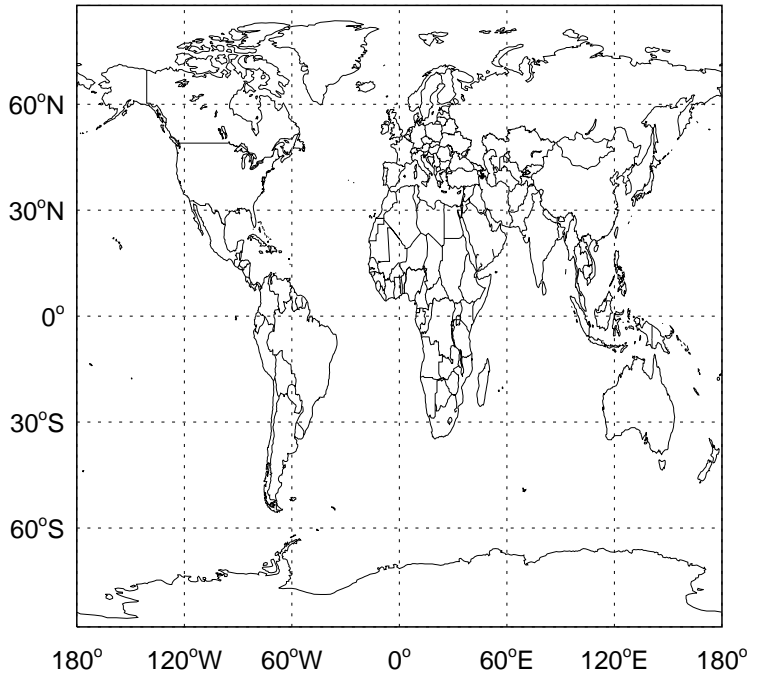
v11-02f-Run0 - v11-02e-Run1  
H1211- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
H1211 - Diff @ Surface for Oct

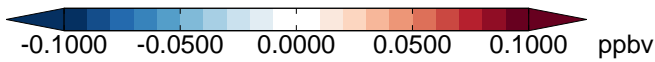


v11-02f-Run0 - v11-02e-Run0  
H1211- Diff @ 500 hPa for Oct

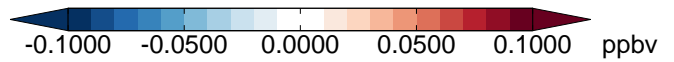


# GEOS-Chem Difference Maps at surface and 500 hPa

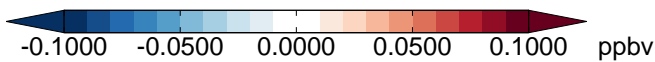
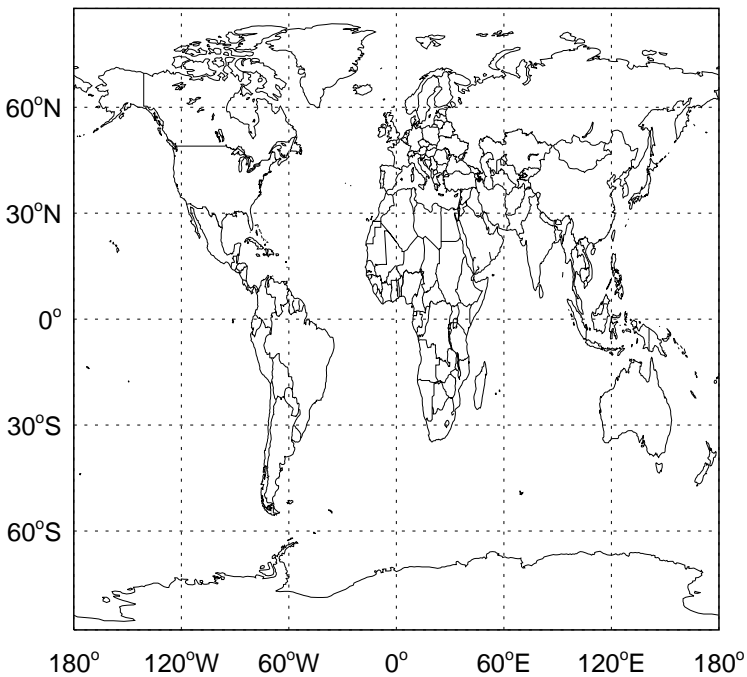
v11-02f-Run0 - v11-02e-Run1  
H1301 - Diff @ Surface for Oct



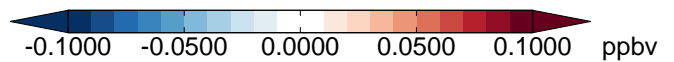
v11-02f-Run0 - v11-02e-Run1  
H1301- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
H1301 - Diff @ Surface for Oct

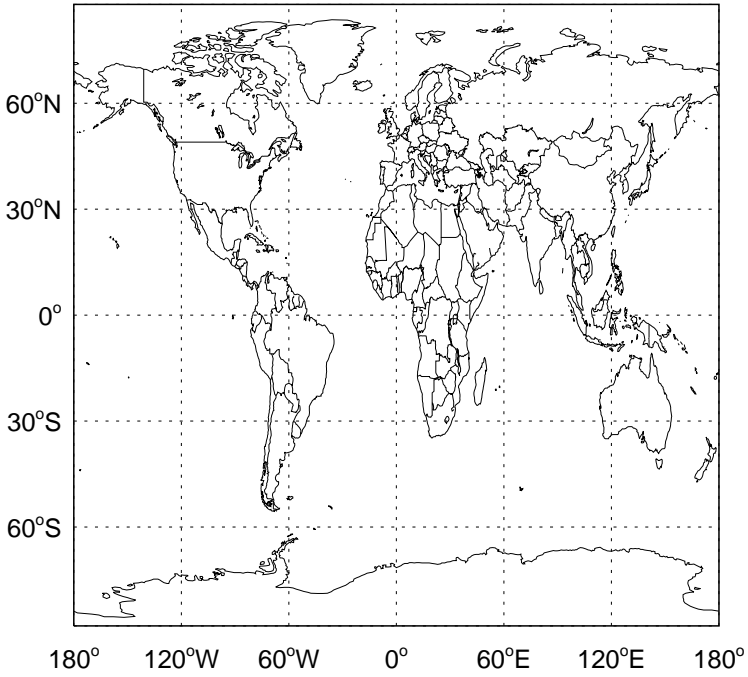


v11-02f-Run0 - v11-02e-Run0  
H1301- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

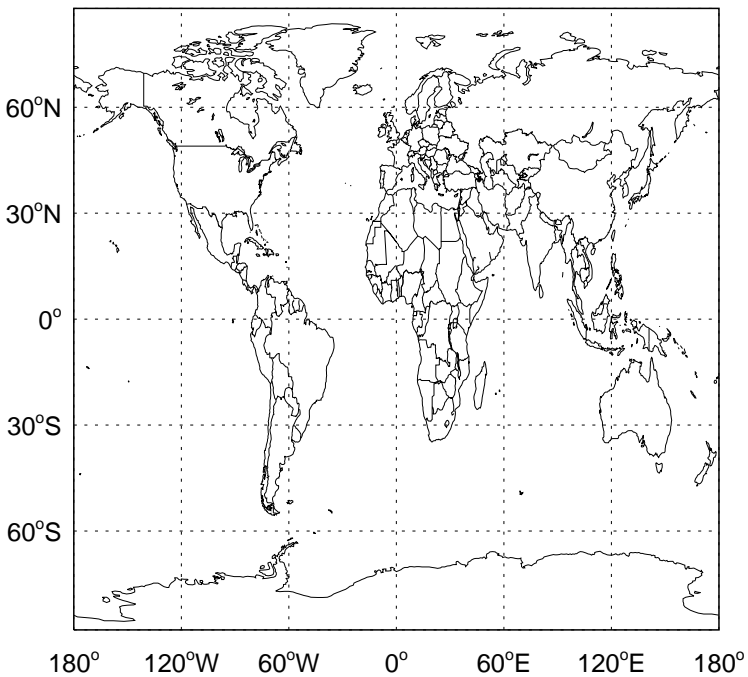
v11-02f-Run0 - v11-02e-Run1  
H2402 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
H2402- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
H2402 - Diff @ Surface for Oct



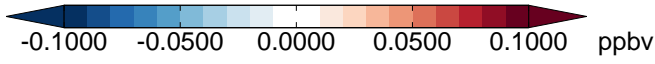
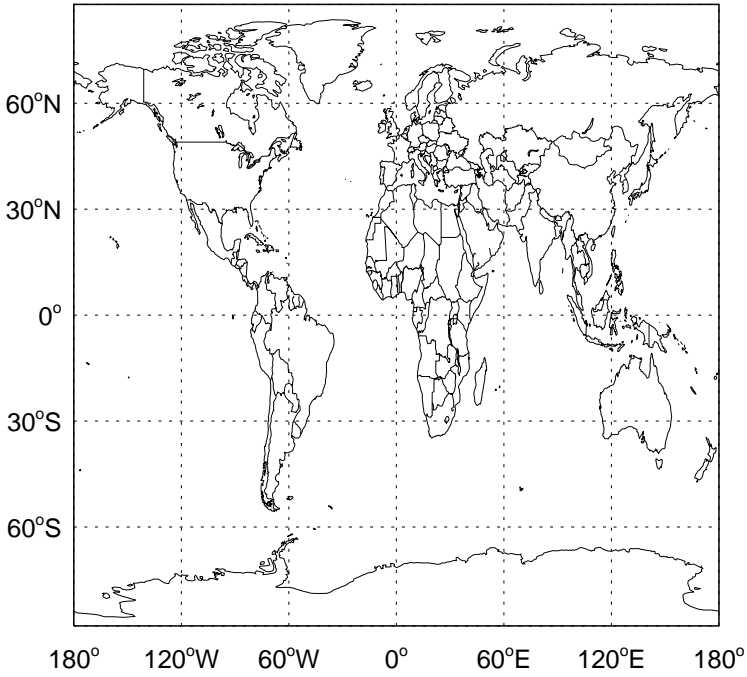
v11-02f-Run0 - v11-02e-Run0  
H2402- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

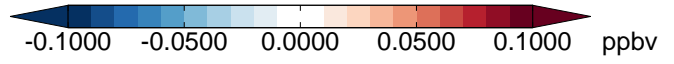
v11-02f-Run0 - v11-02e-Run1

Cl - Diff @ Surface for Oct



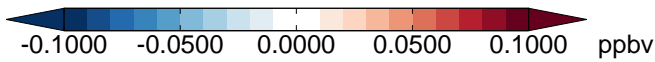
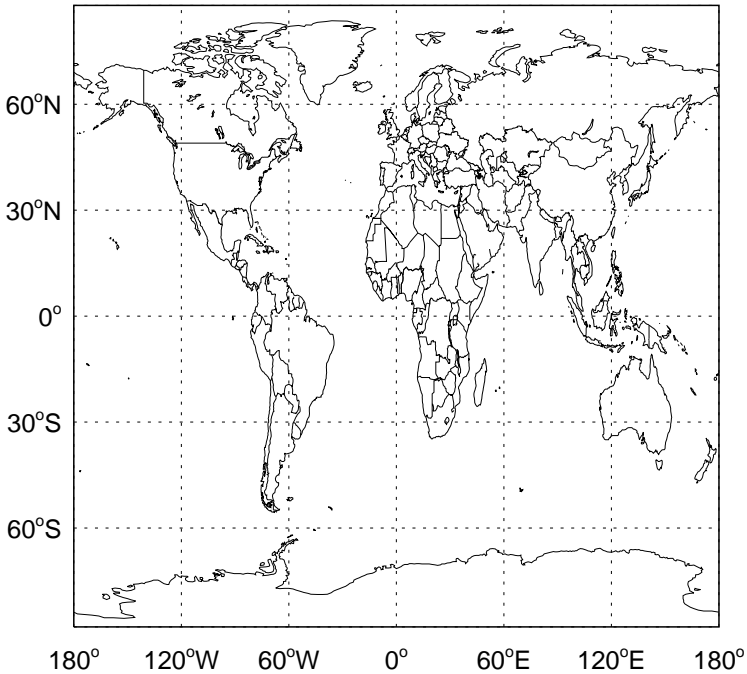
v11-02f-Run0 - v11-02e-Run1

Cl - Diff @ 500 hPa for Oct



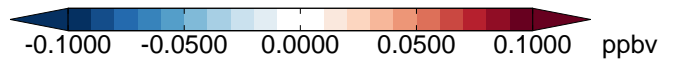
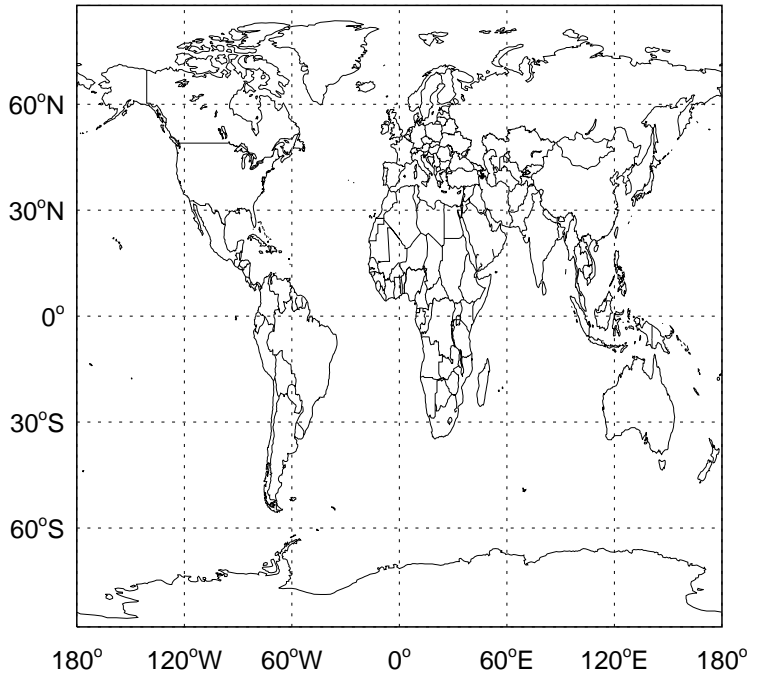
v11-02f-Run0 - v11-02e-Run0

Cl - Diff @ Surface for Oct



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

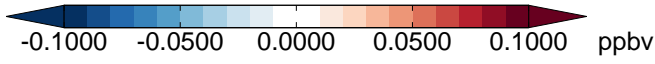
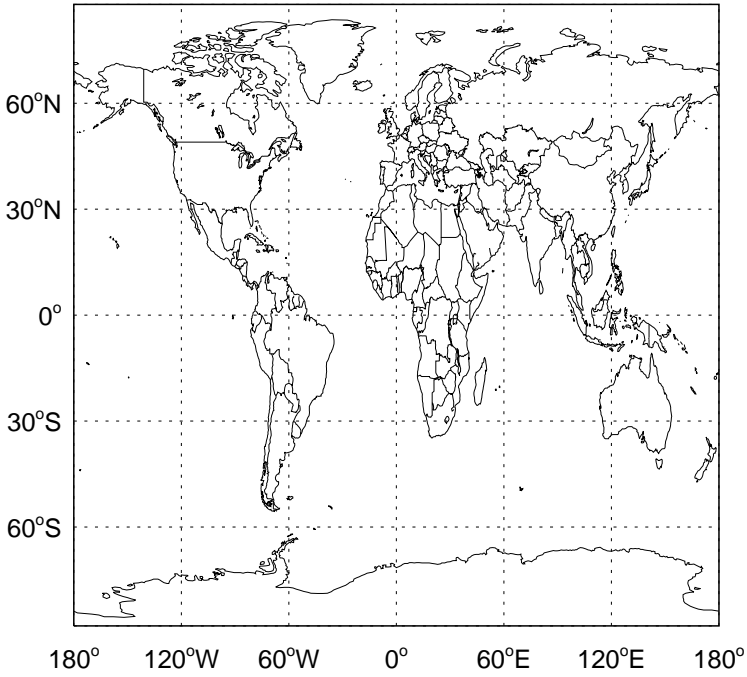
Cl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

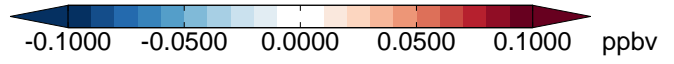
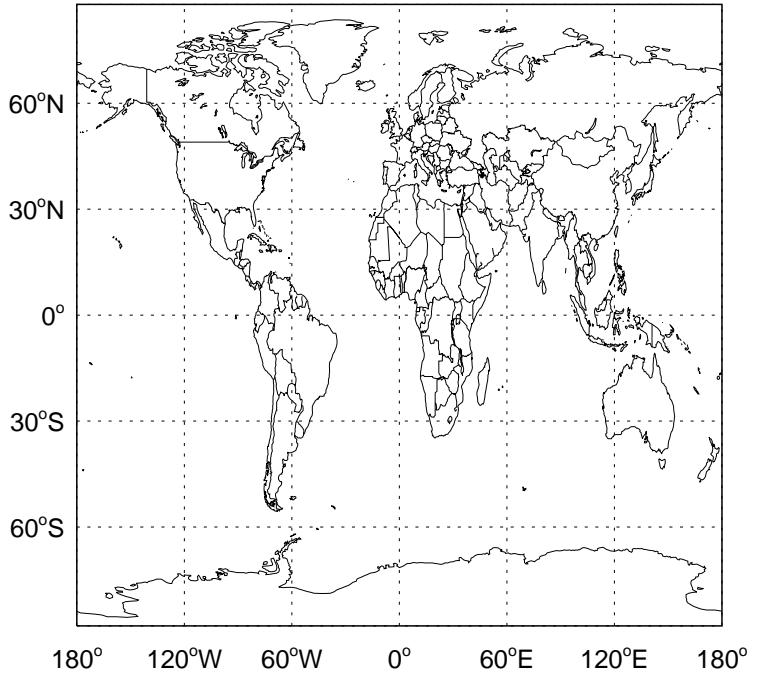
v11-02f-Run0 - v11-02e-Run1

CIO - Diff @ Surface for Oct



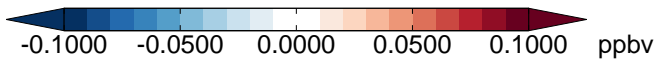
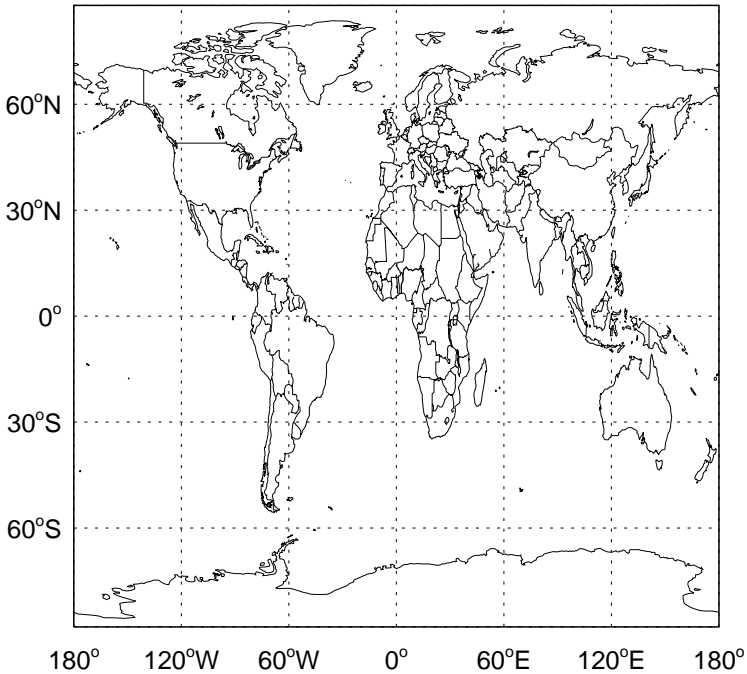
v11-02f-Run0 - v11-02e-Run1

CIO - Diff @ 500 hPa for Oct



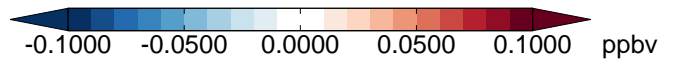
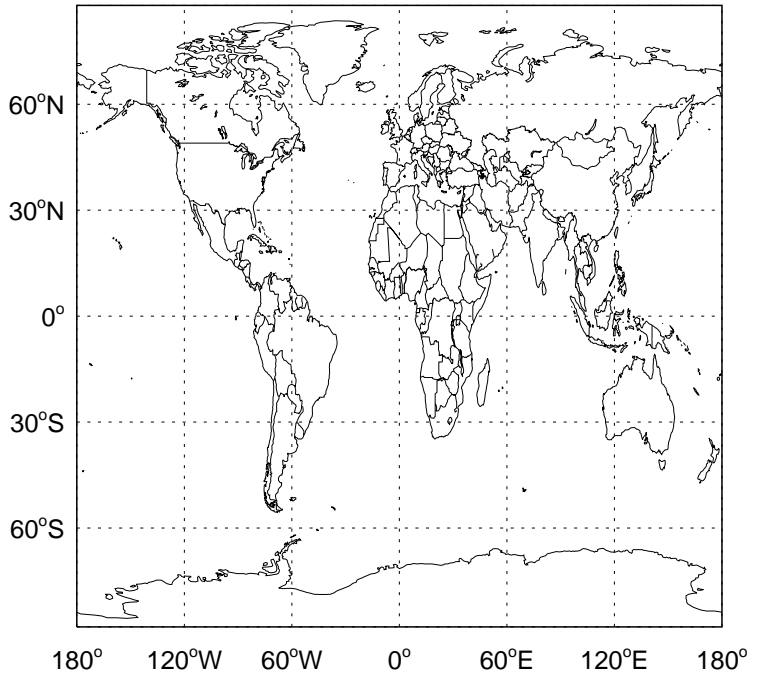
v11-02f-Run0 - v11-02e-Run0

CIO - Diff @ Surface for Oct



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

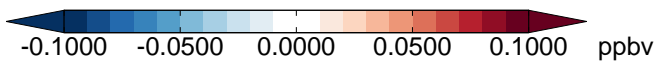
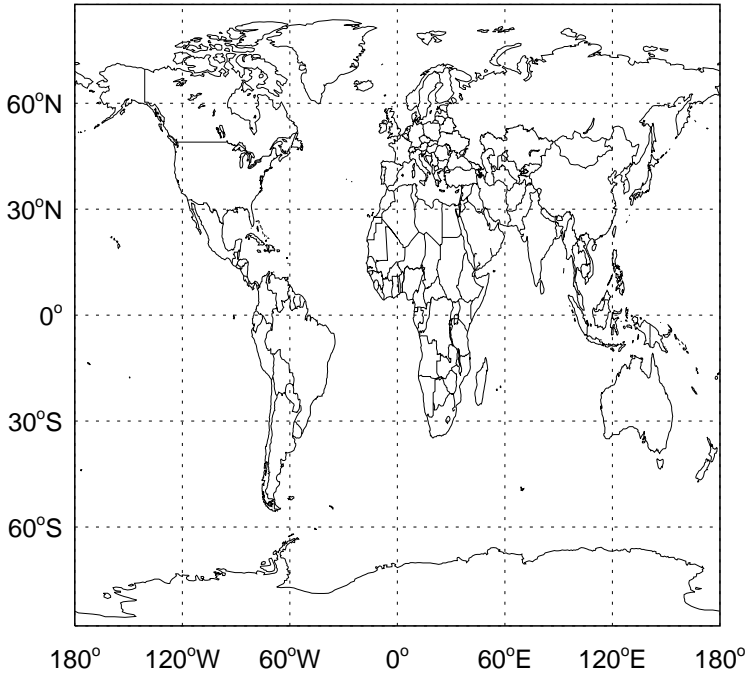
CIO - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

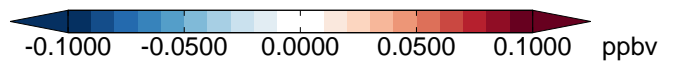
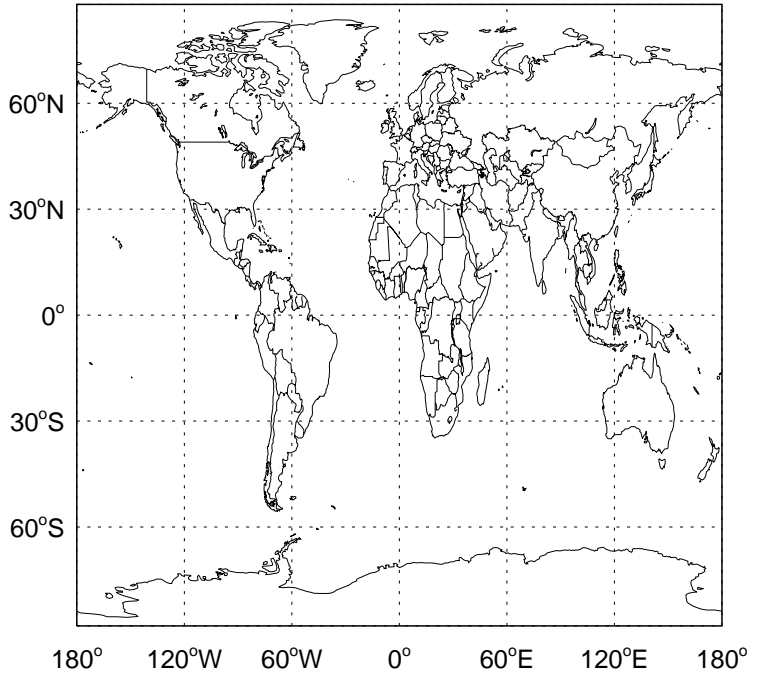
v11-02f-Run0 - v11-02e-Run1

HOCl - Diff @ Surface for Oct



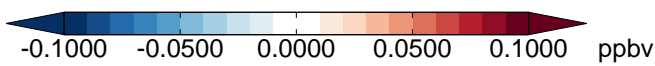
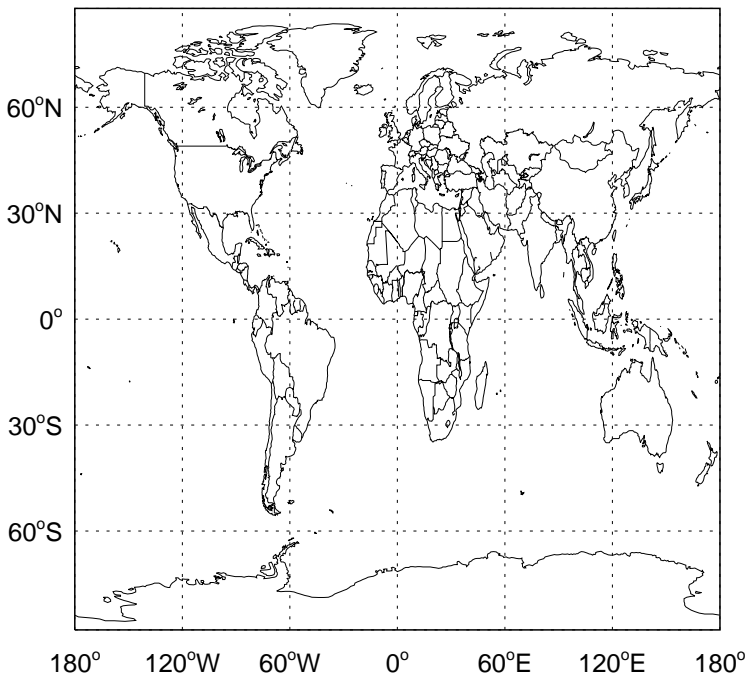
v11-02f-Run0 - v11-02e-Run1

HOCl- Diff @ 500 hPa for Oct



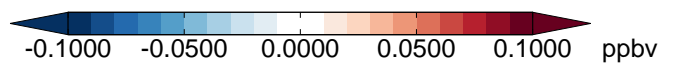
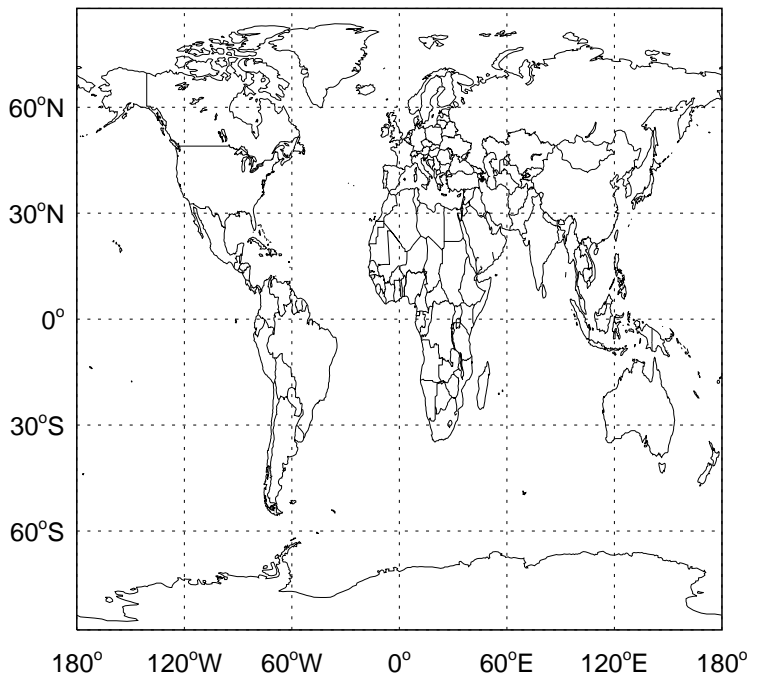
v11-02f-Run0 - v11-02e-Run0

HOCl - Diff @ Surface for Oct



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

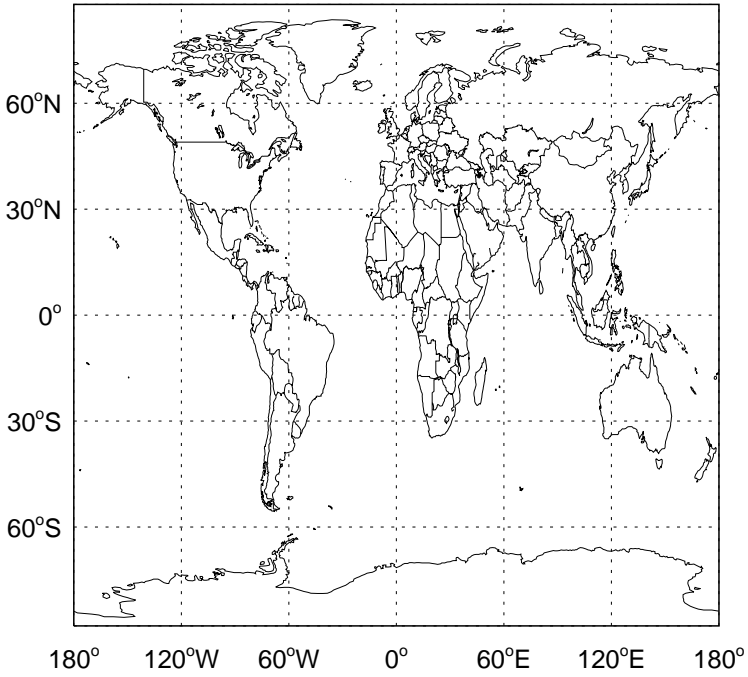
HOCl- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

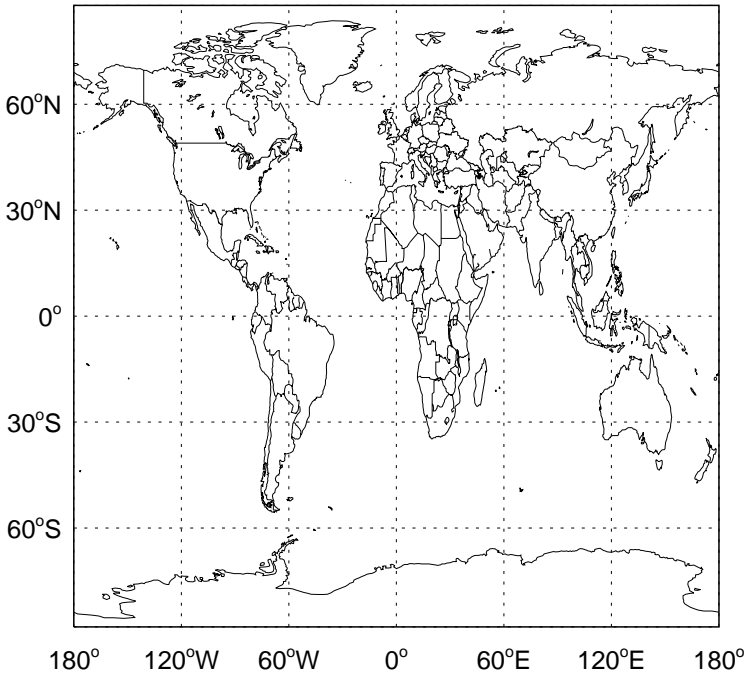
v11-02f-Run0 - v11-02e-Run1  
CINO3 - Diff @ Surface for Oct



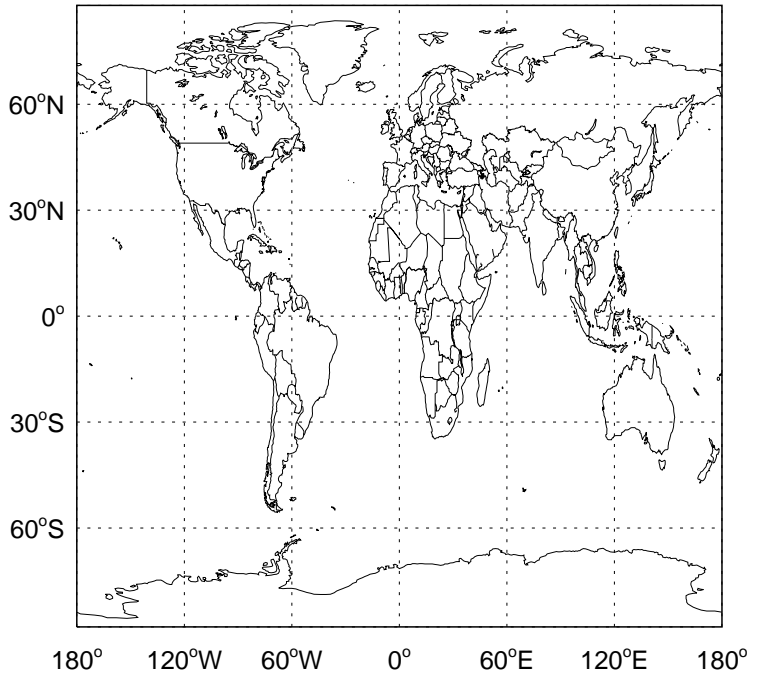
v11-02f-Run0 - v11-02e-Run1  
CINO3- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CINO3 - Diff @ Surface for Oct

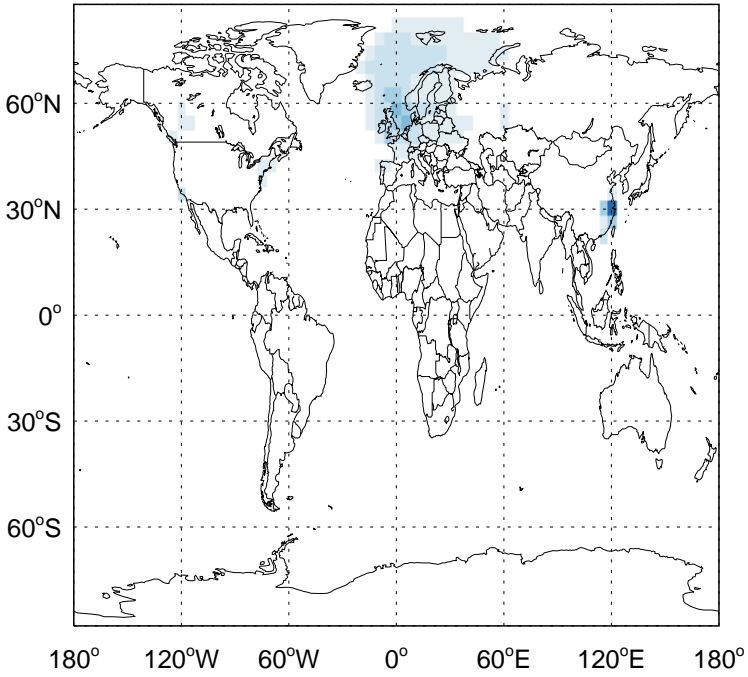


v11-02f-Run0 - v11-02e-Run0  
CINO3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

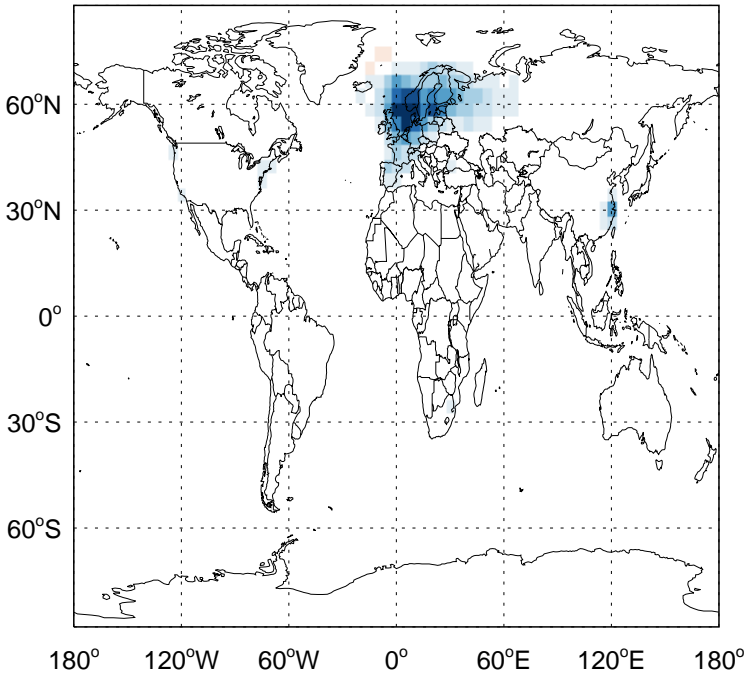
v11-02f-Run0 - v11-02e-Run1  
CINO2 - Diff @ Surface for Oct



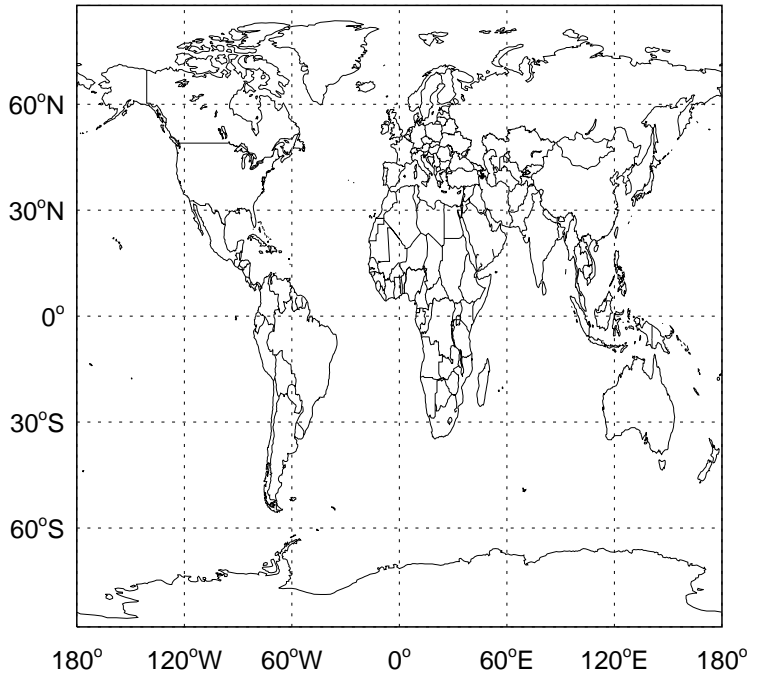
v11-02f-Run0 - v11-02e-Run1  
CINO2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
CINO2 - Diff @ Surface for Oct



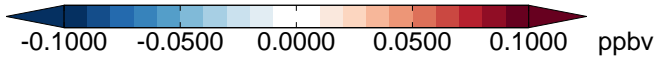
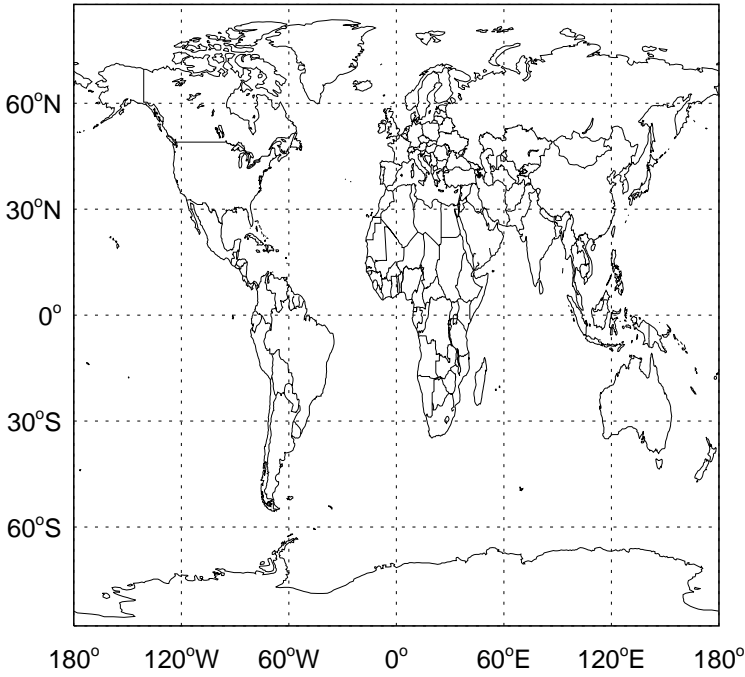
v11-02f-Run0 - v11-02e-Run0  
CINO2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

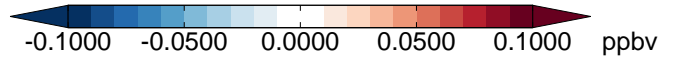
v11-02f-Run0 - v11-02e-Run1

CIOO - Diff @ Surface for Oct



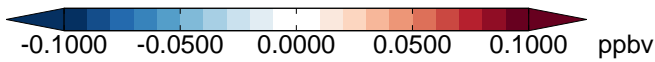
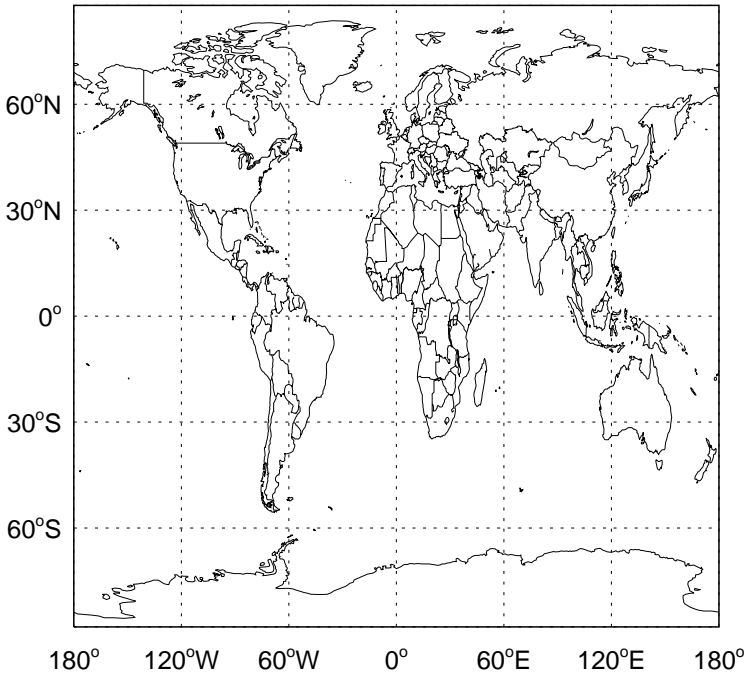
v11-02f-Run0 - v11-02e-Run1

CIOO- Diff @ 500 hPa for Oct



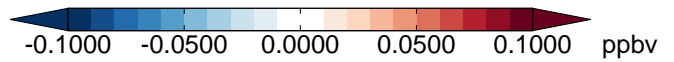
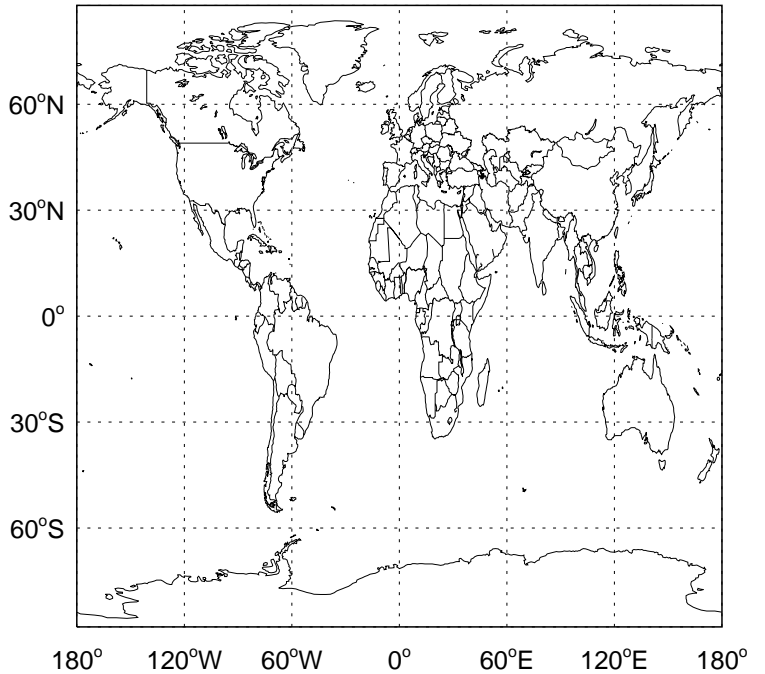
v11-02f-Run0 - v11-02e-Run0

CIOO - Diff @ Surface for Oct



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

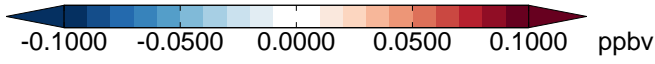
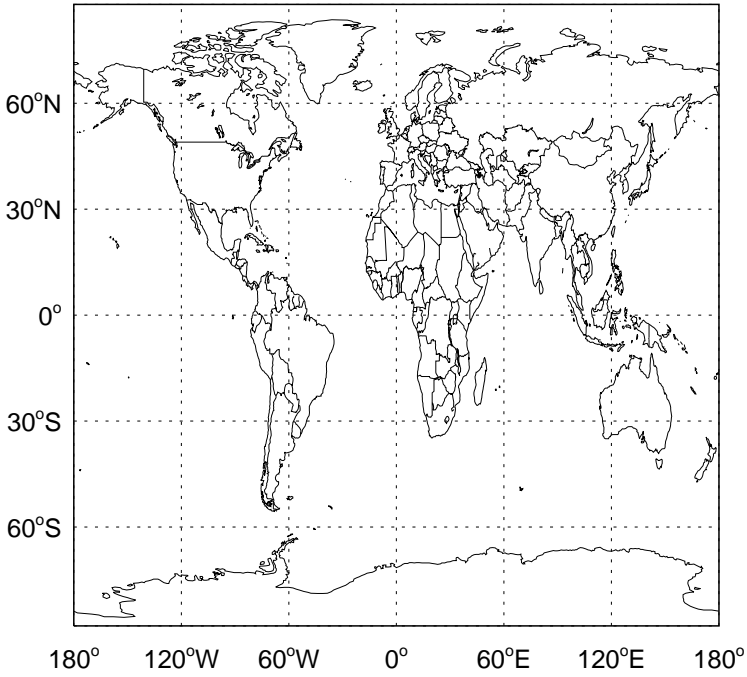
CIOO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

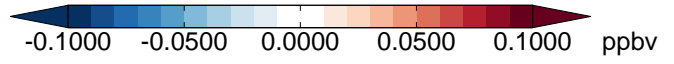
v11-02f-Run0 - v11-02e-Run1

OCIO - Diff @ Surface for Oct



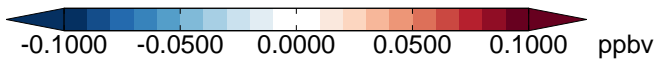
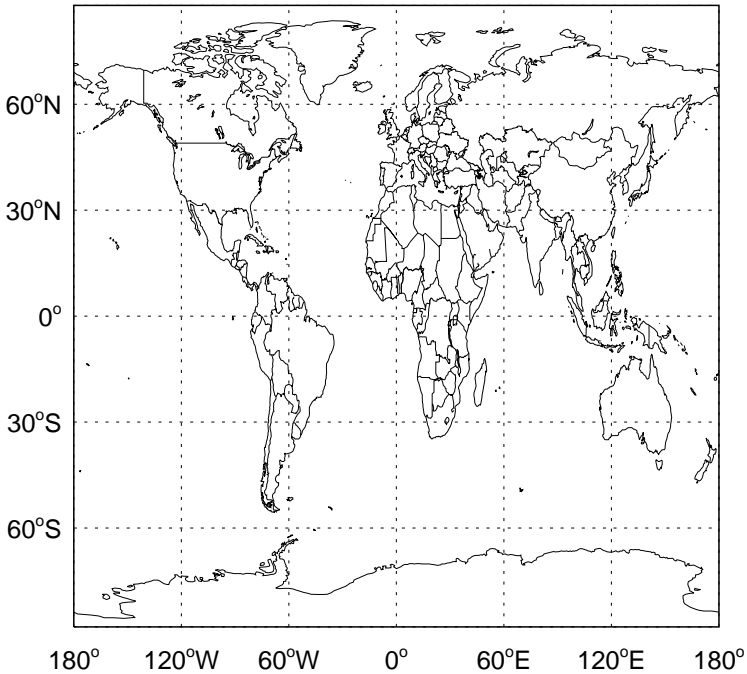
v11-02f-Run0 - v11-02e-Run1

OCIO- Diff @ 500 hPa for Oct



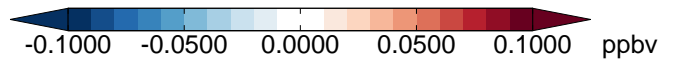
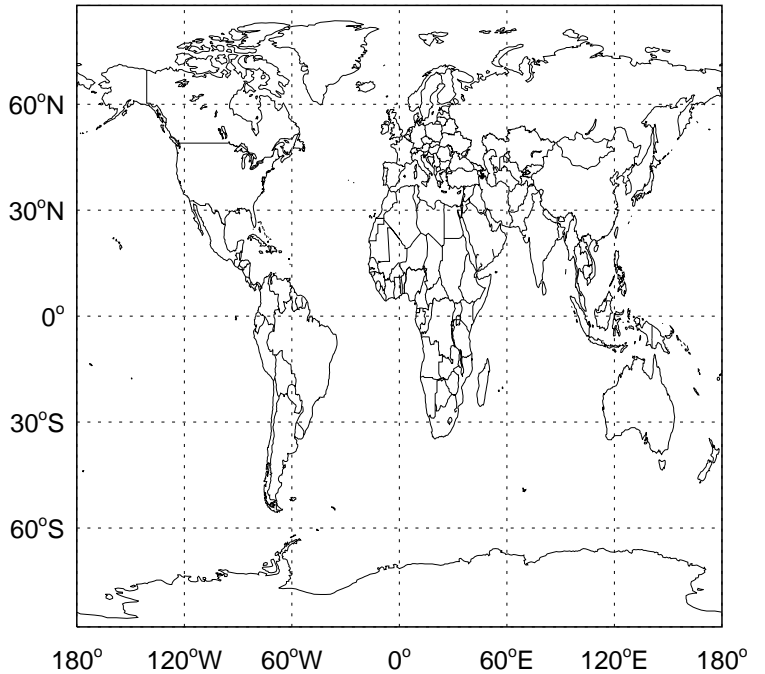
v11-02f-Run0 - v11-02e-Run0

OCIO - Diff @ Surface for Oct



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

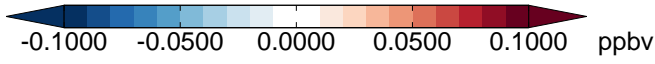
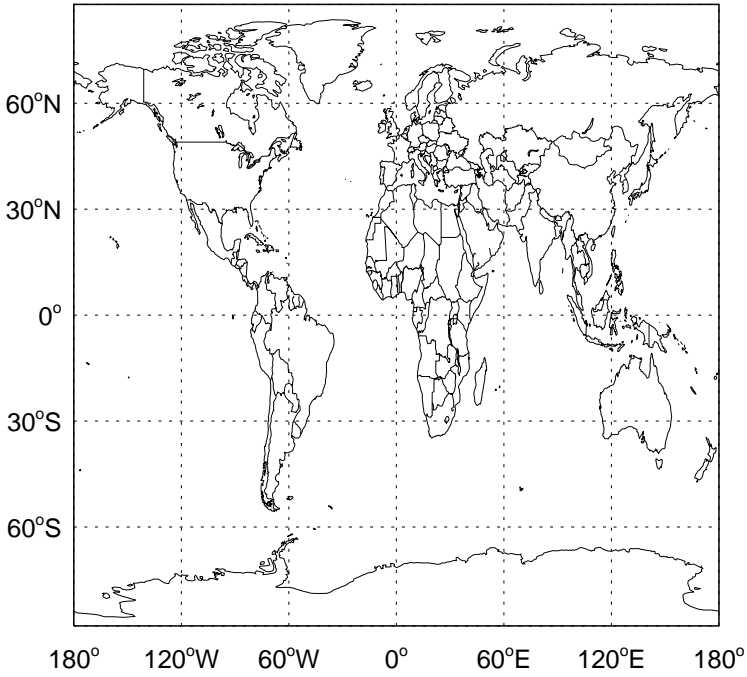
OCIO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

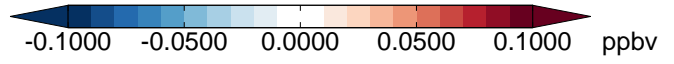
v11-02f-Run0 - v11-02e-Run1

Cl2 - Diff @ Surface for Oct



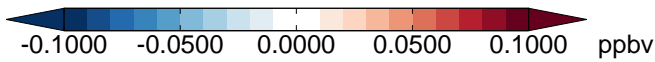
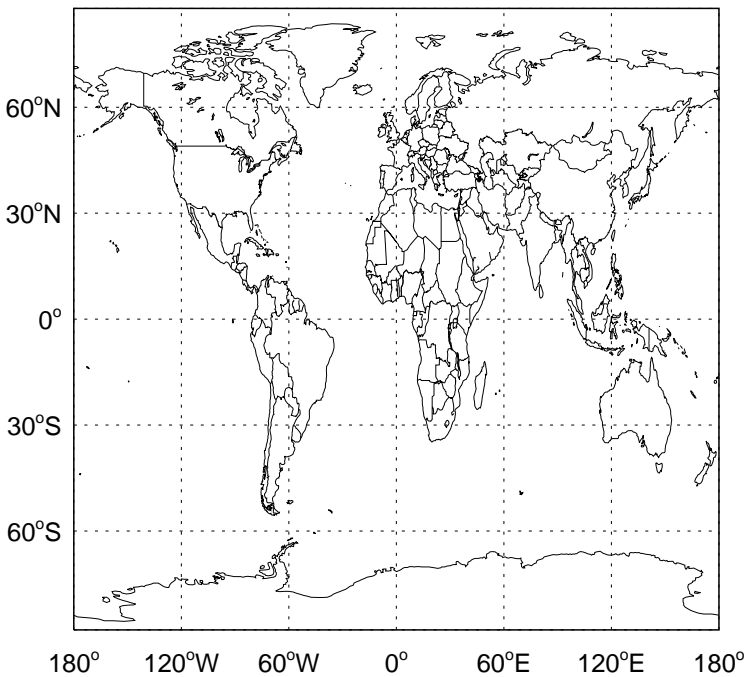
v11-02f-Run0 - v11-02e-Run1

Cl2- Diff @ 500 hPa for Oct



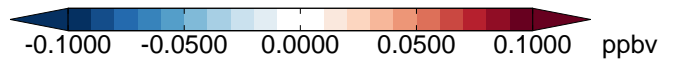
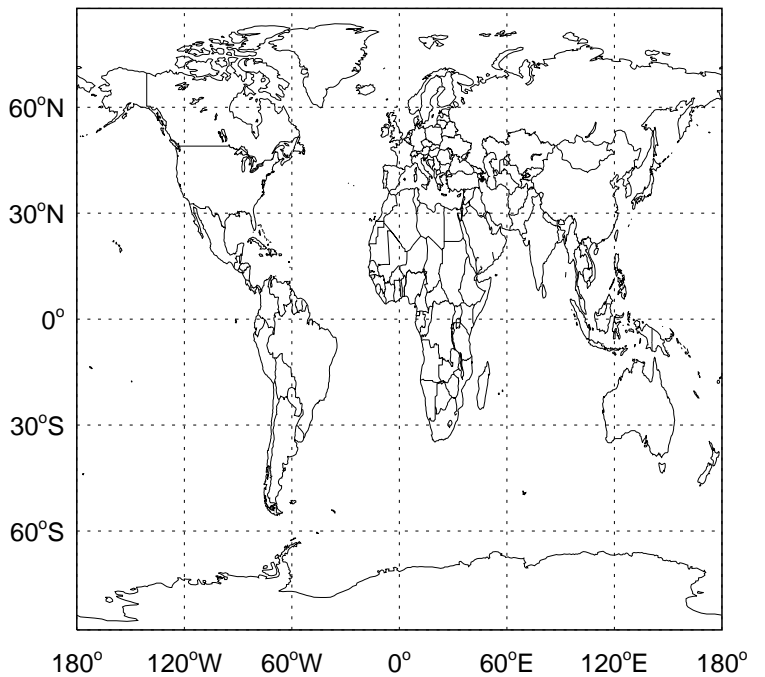
v11-02f-Run0 - v11-02e-Run0

Cl2 - Diff @ Surface for Oct



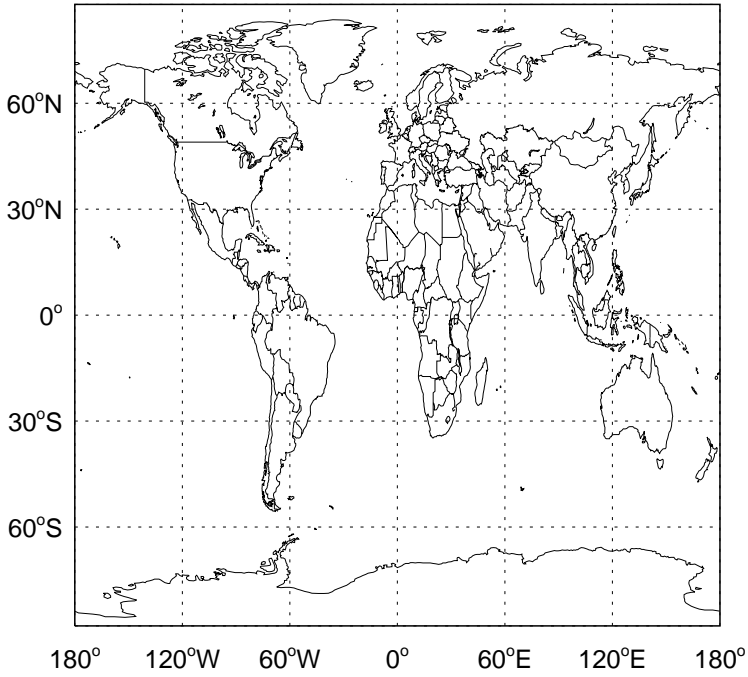
v11-02f-Run0 - v11-02e-Run0

Cl2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

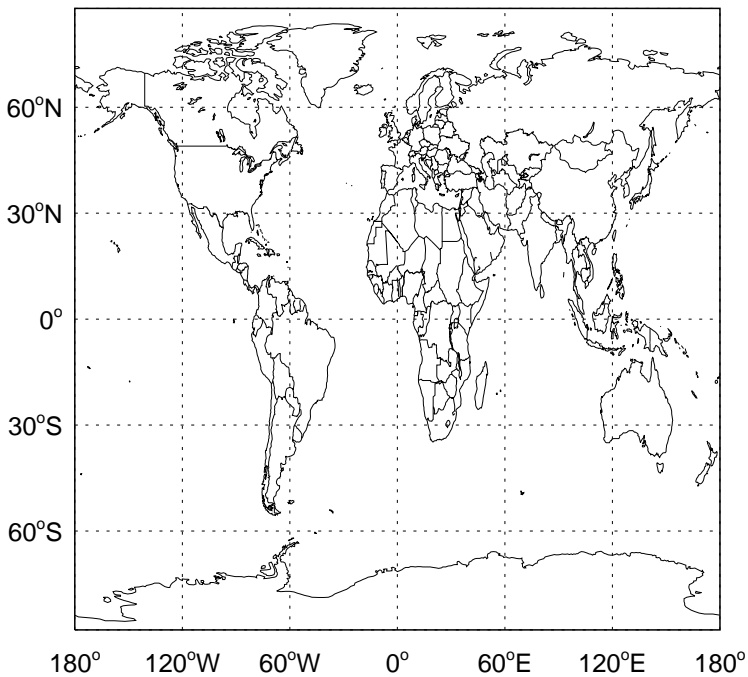
v11-02f-Run0 - v11-02e-Run1  
Cl<sub>2</sub>O<sub>2</sub> - Diff @ Surface for Oct



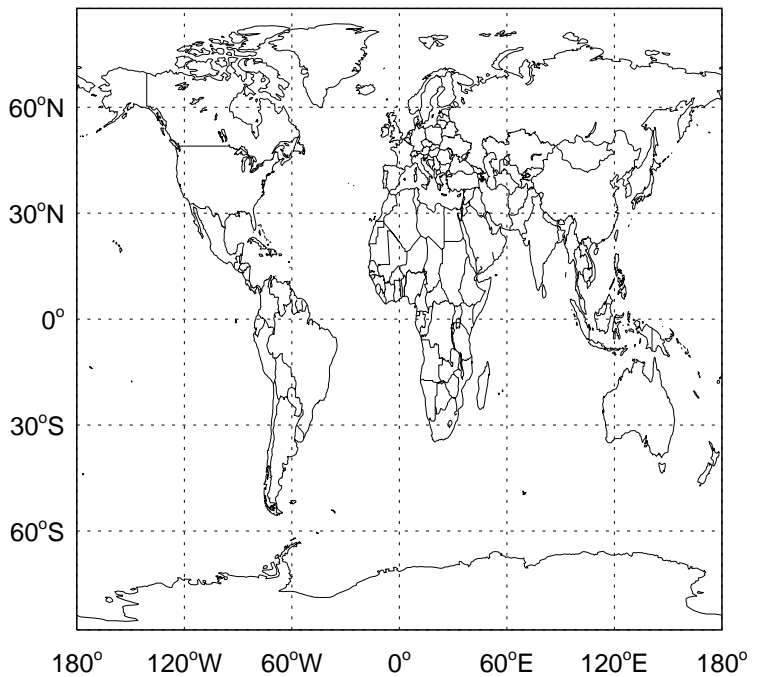
v11-02f-Run0 - v11-02e-Run1  
Cl<sub>2</sub>O<sub>2</sub> - Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
Cl<sub>2</sub>O<sub>2</sub> - Diff @ Surface for Oct

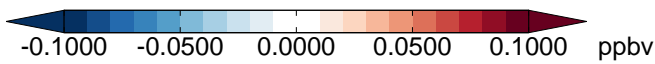
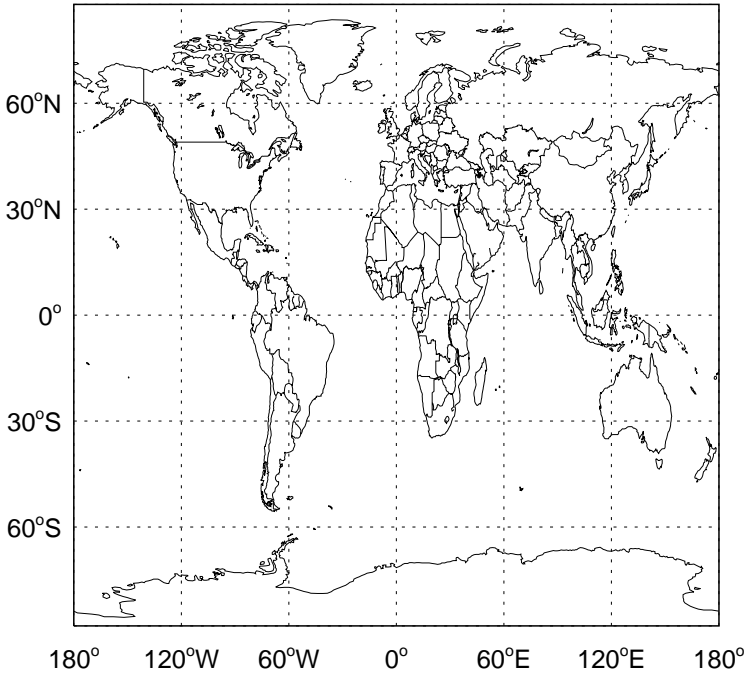


v11-02f-Run0 - v11-02e-Run0  
Cl<sub>2</sub>O<sub>2</sub> - Diff @ 500 hPa for Oct

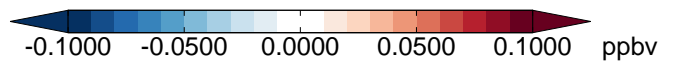
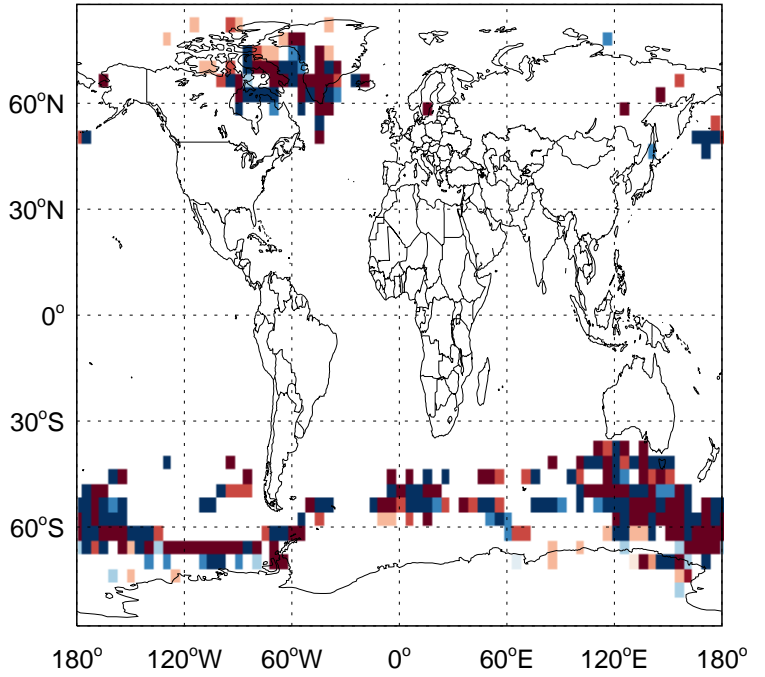


# GEOS-Chem Difference Maps at surface and 500 hPa

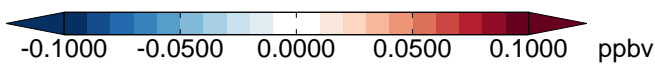
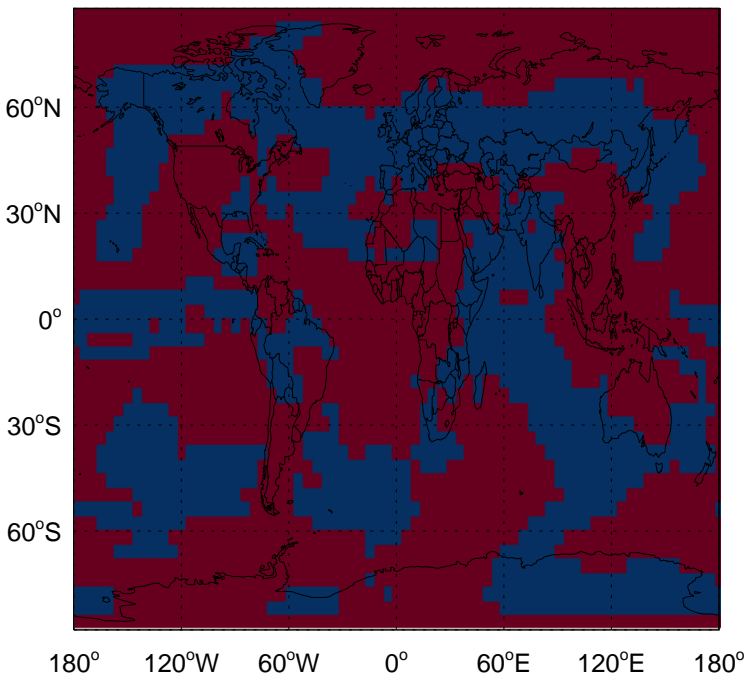
v11-02f-Run0 - v11-02e-Run1  
H2O - Diff @ Surface for Oct



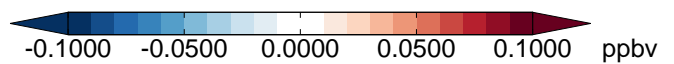
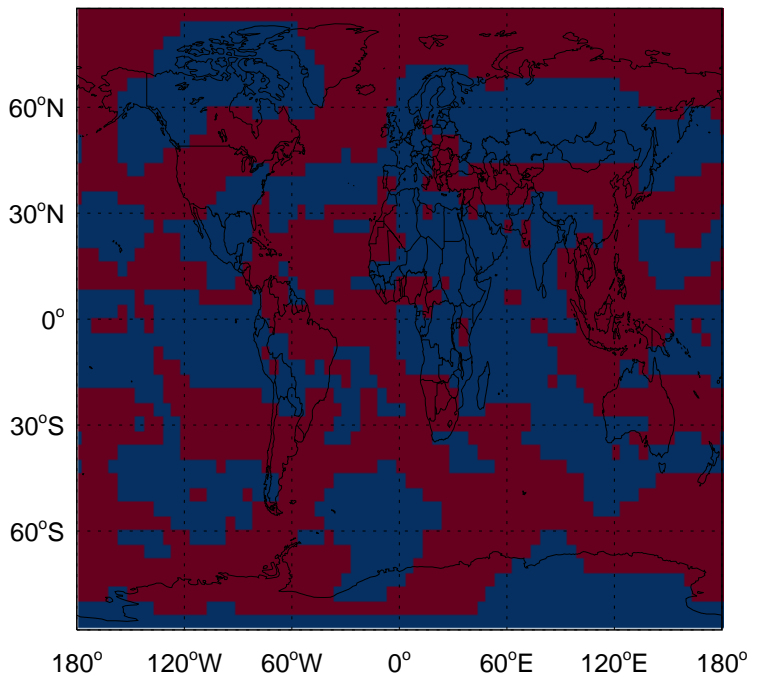
v11-02f-Run0 - v11-02e-Run1  
H2O- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
H2O - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
H2O- Diff @ 500 hPa for Oct

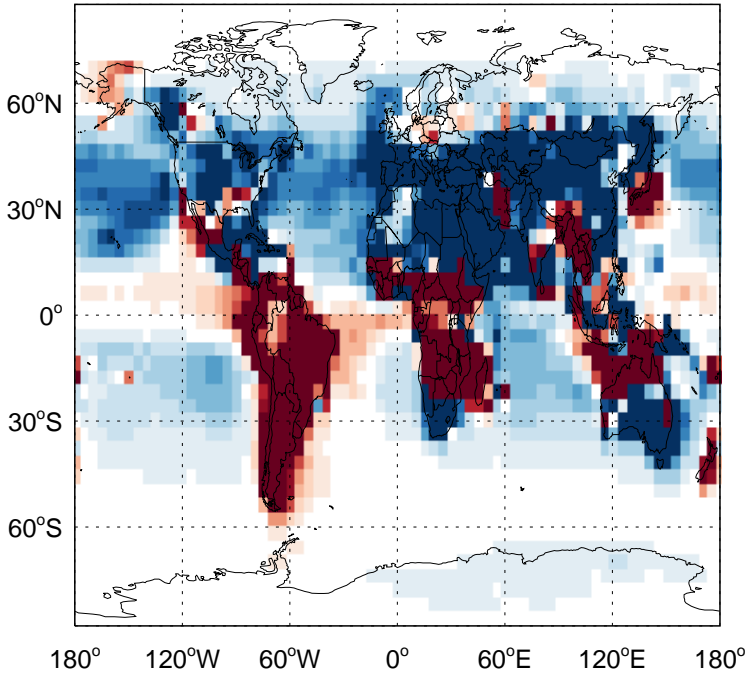




# GEOS-Chem Difference Maps at surface and 500 hPa

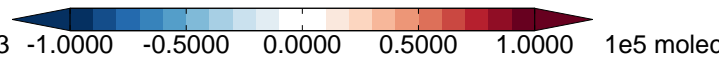
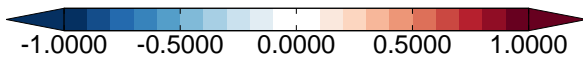
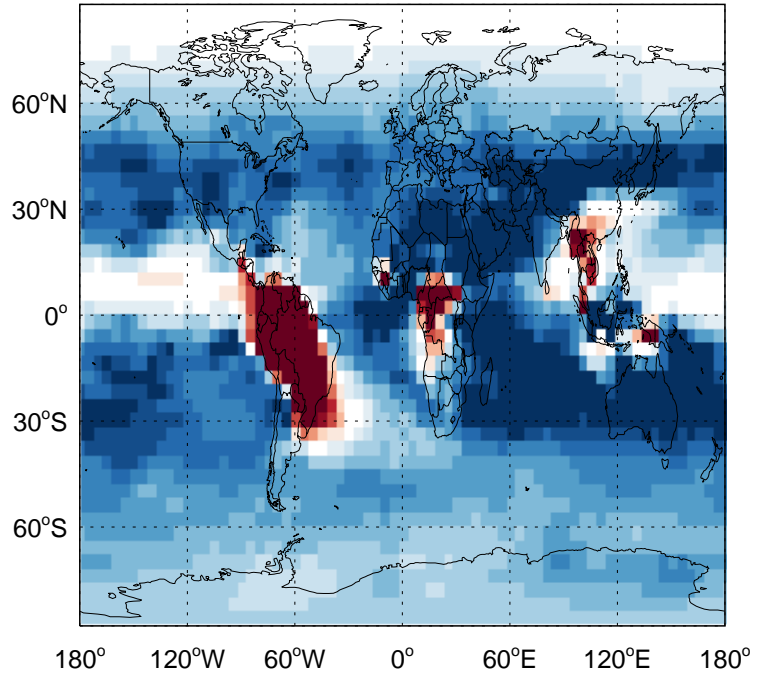
v11-02f-Run0 - v11-02e-Run1

OH - Diff @ Surface for Oct



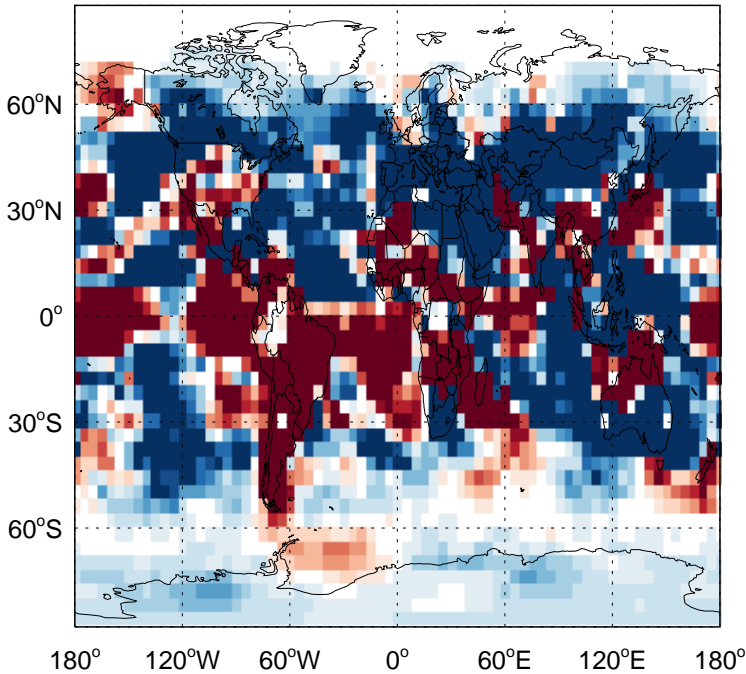
v11-02f-Run0 - v11-02e-Run1

OH- Diff @ 500 hPa for Oct



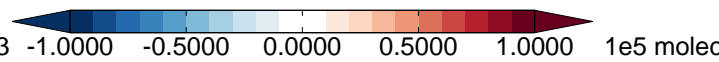
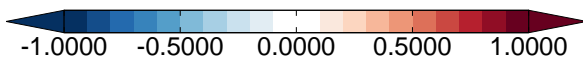
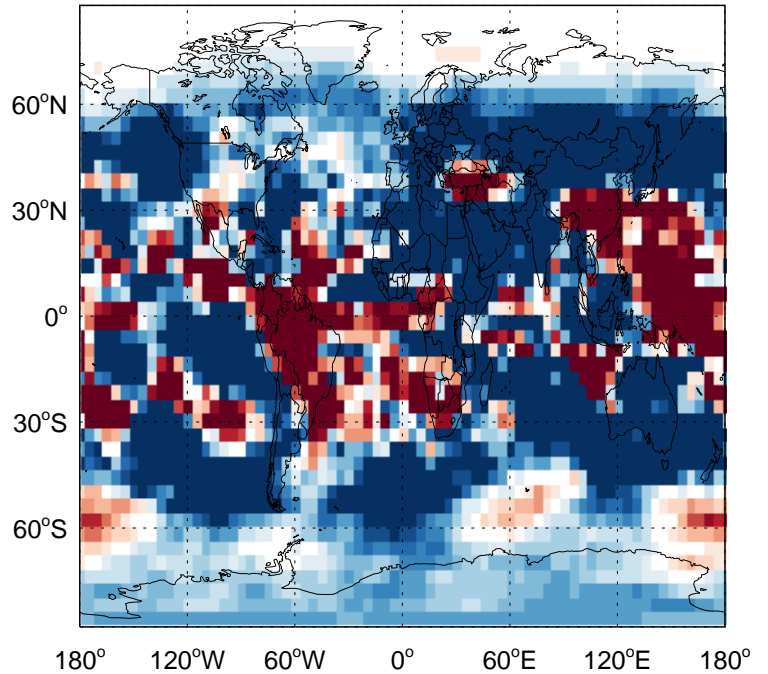
v11-02f-Run0 - v11-02e-Run0

OH - Diff @ Surface for Oct



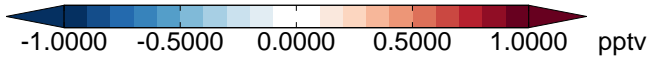
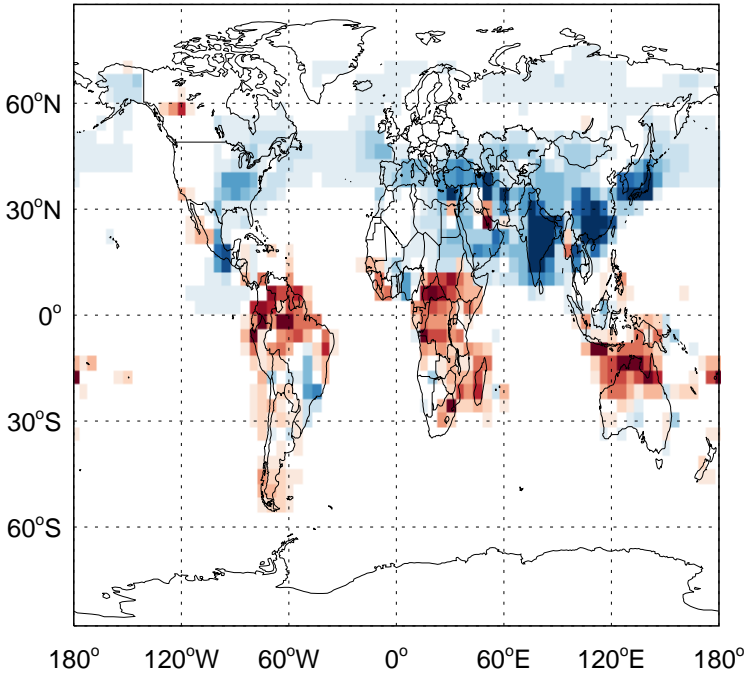
v11-02f-Run0 - v11-02e-Run0

OH- Diff @ 500 hPa for Oct

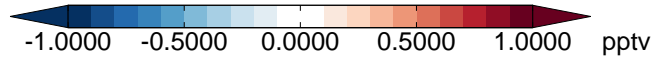
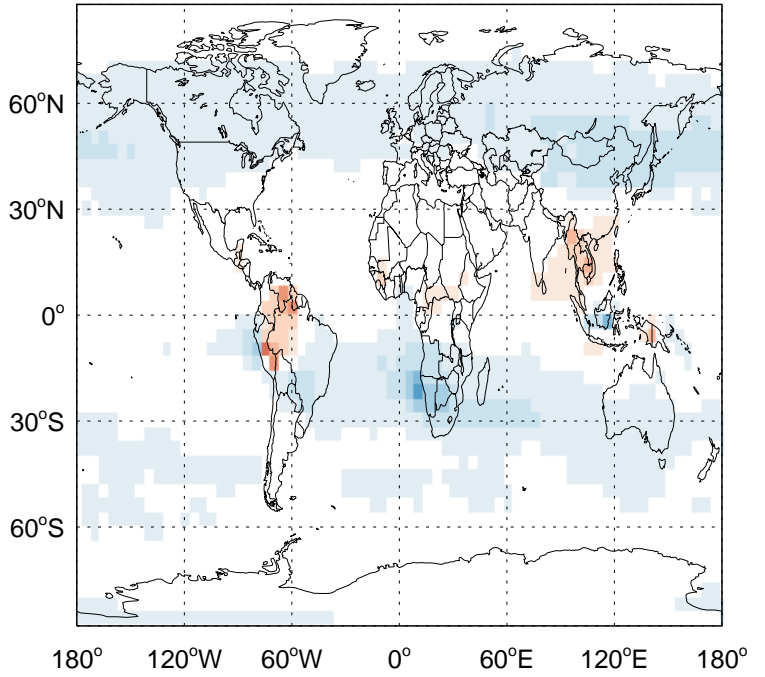


# GEOS-Chem Difference Maps at surface and 500 hPa

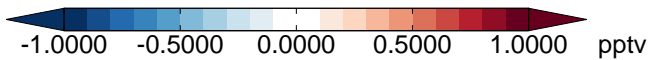
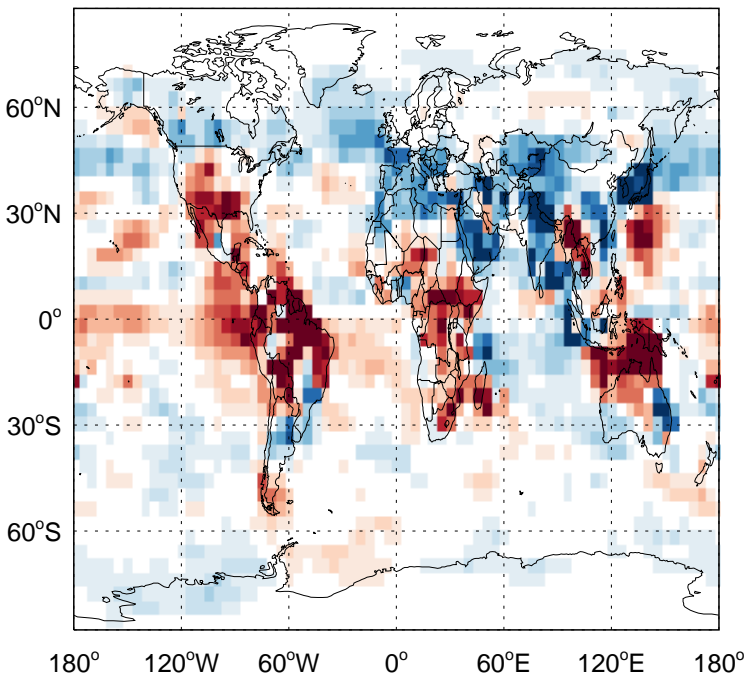
v11-02f-Run0 - v11-02e-Run1  
HO2 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run1  
HO2- Diff @ 500 hPa for Oct



v11-02f-Run0 - v11-02e-Run0  
HO2 - Diff @ Surface for Oct



v11-02f-Run0 - v11-02e-Run0  
HO2- Diff @ 500 hPa for Oct

