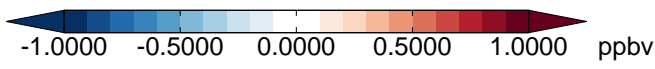
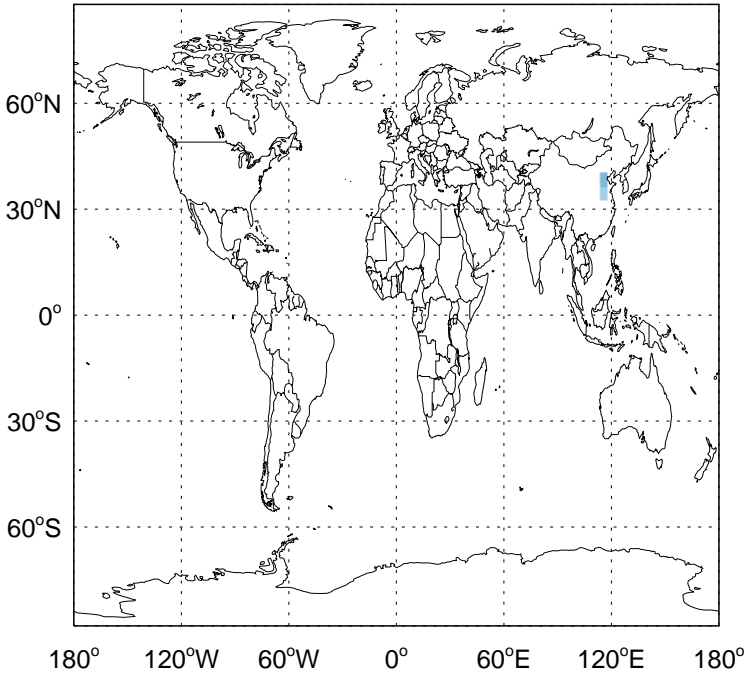


# GEOS-Chem Difference Maps at surface and 500 hPa

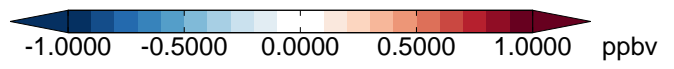
v11-02d - v11-02c

NO - Diff @ Surface for Oct



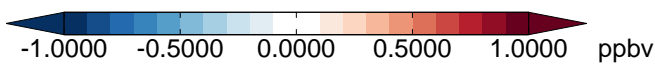
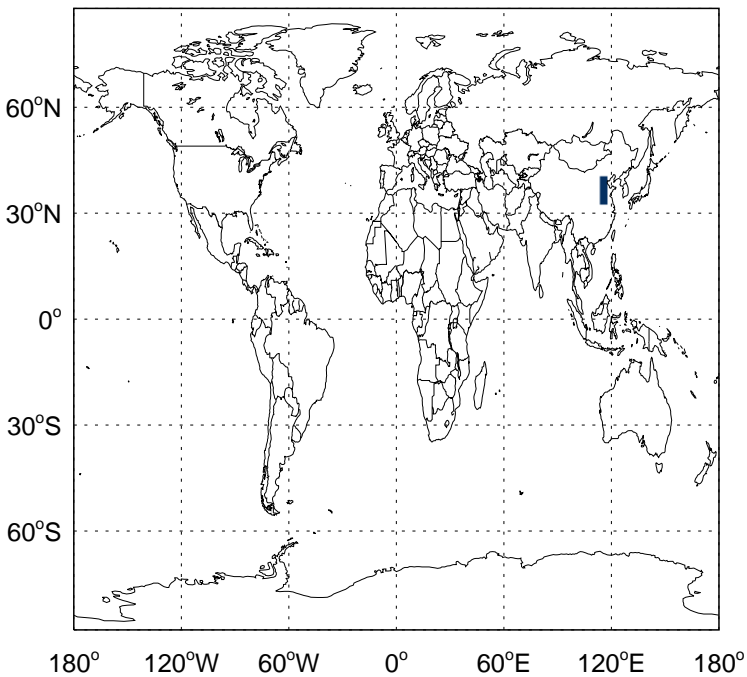
v11-02d - v11-02c

NO- Diff @ 500 hPa for Oct



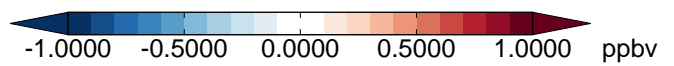
v11-02d - v11-02a

NO - Diff @ Surface for Oct



v11-02d - v11-02a

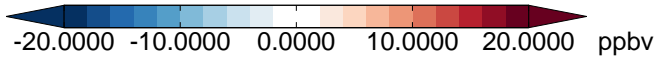
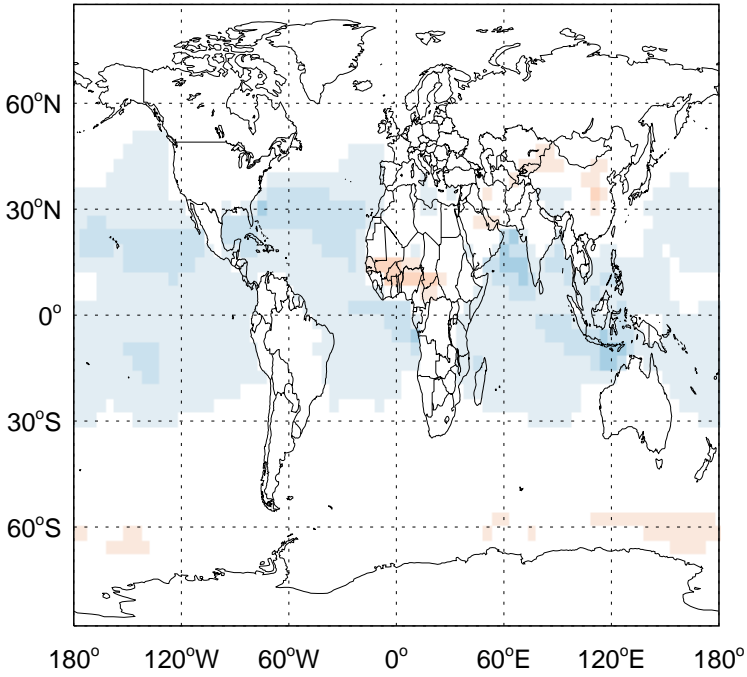
NO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

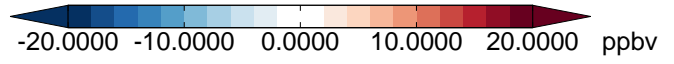
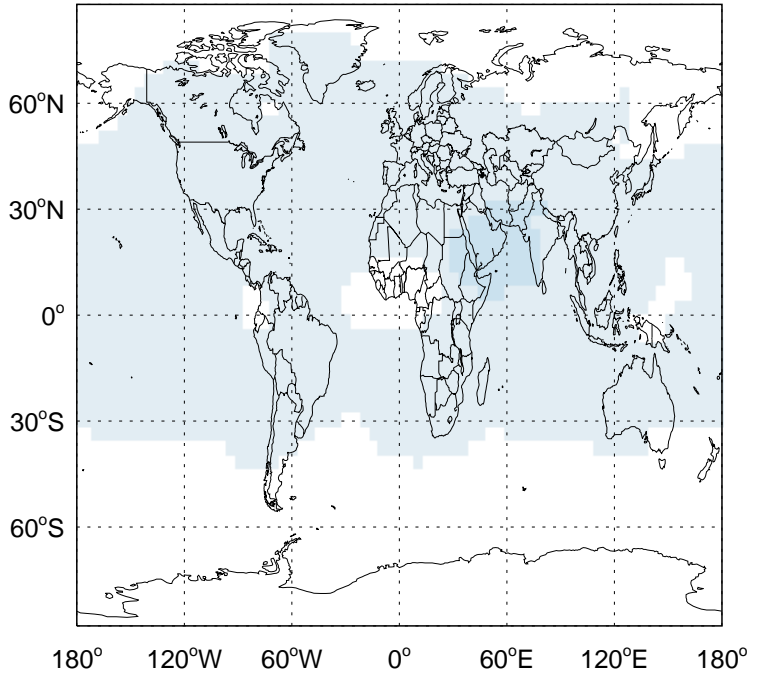
v11-02d - v11-02c

O3 - Diff @ Surface for Oct



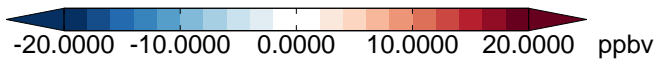
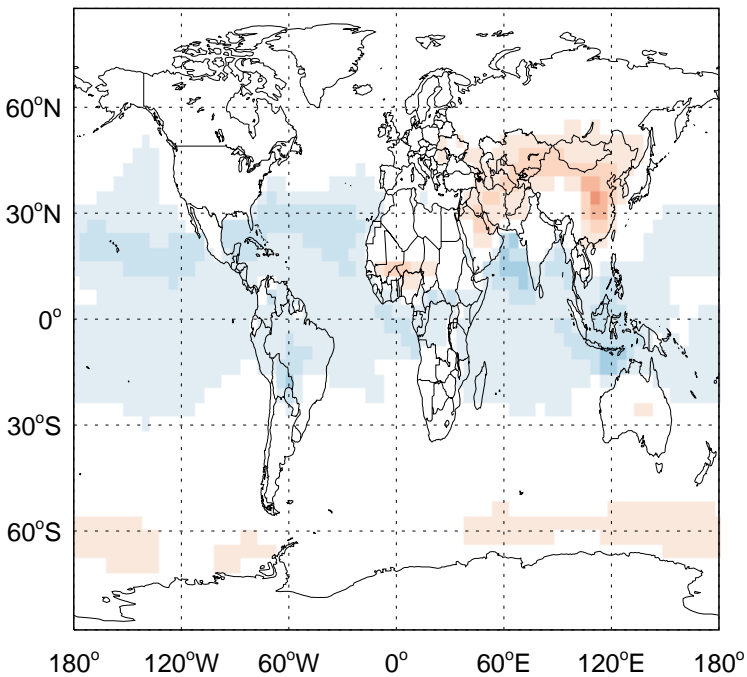
v11-02d - v11-02c

O3- Diff @ 500 hPa for Oct



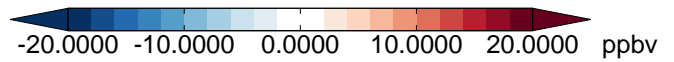
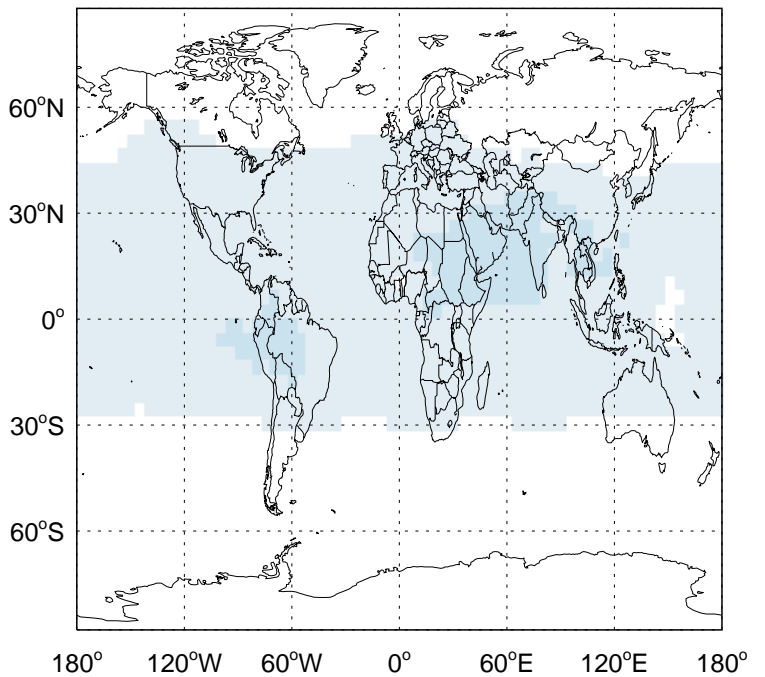
v11-02d - v11-02a

O3 - Diff @ Surface for Oct



v11-02d - v11-02a

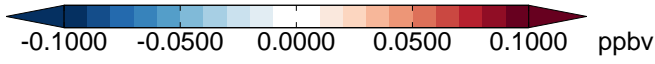
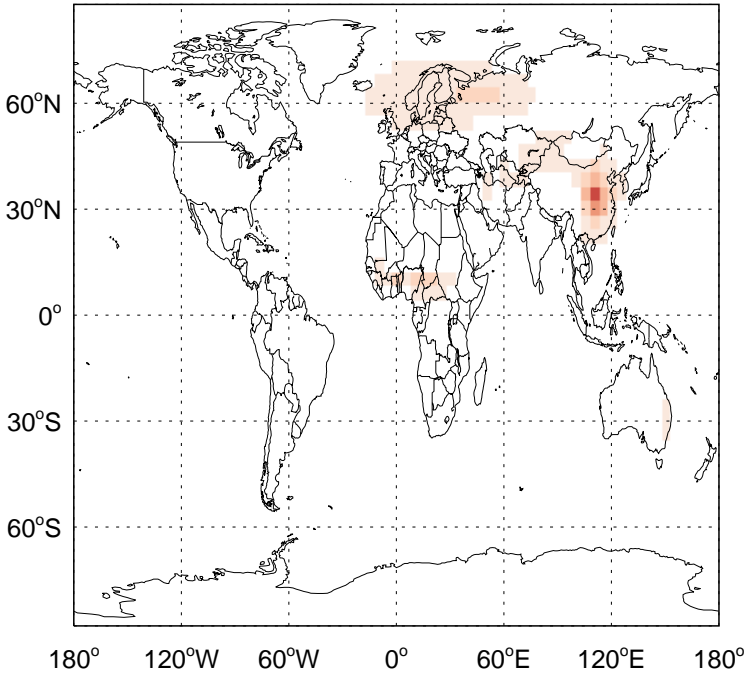
O3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

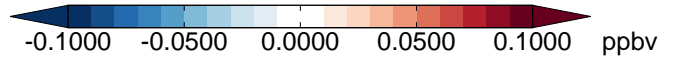
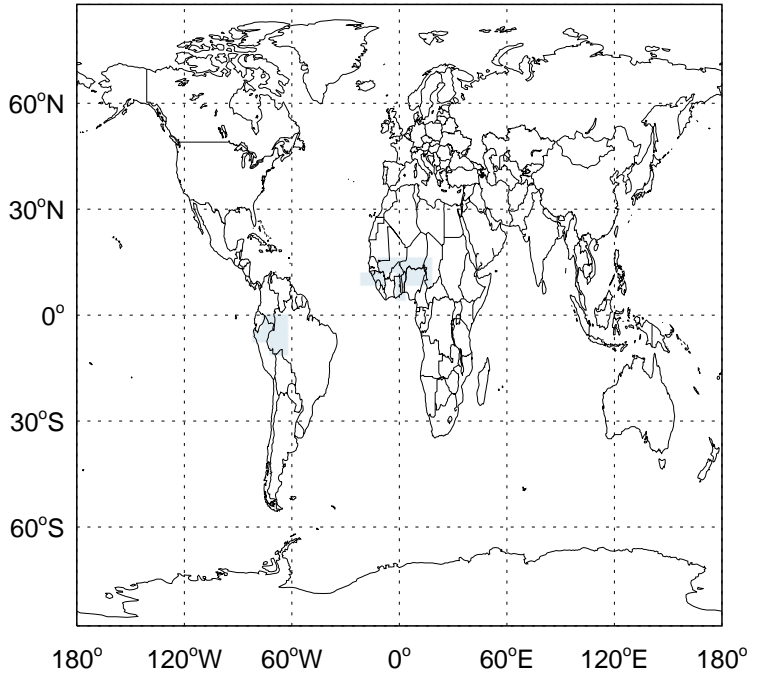
v11-02d - v11-02c

PAN - Diff @ Surface for Oct



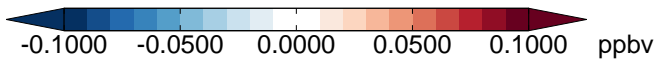
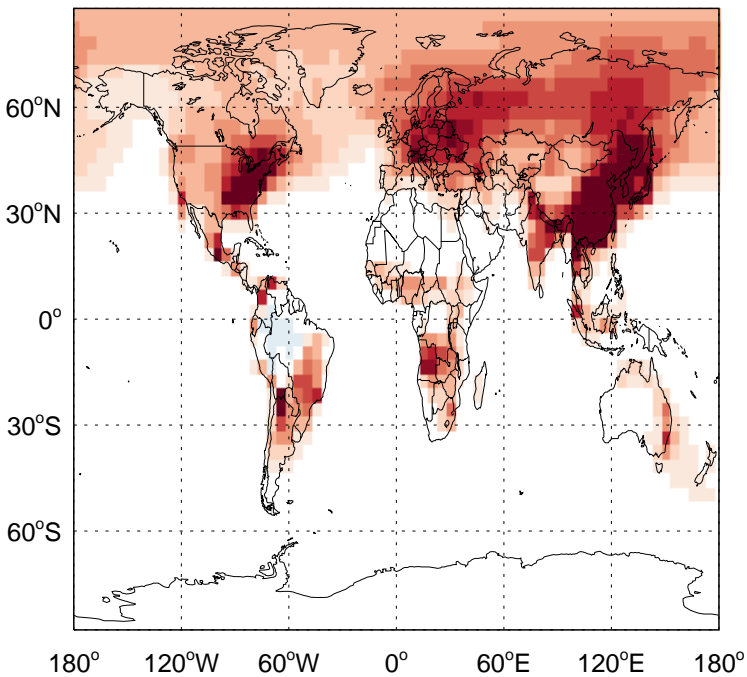
v11-02d - v11-02c

PAN- Diff @ 500 hPa for Oct



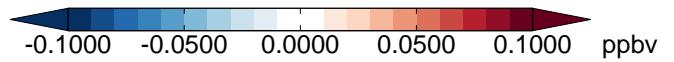
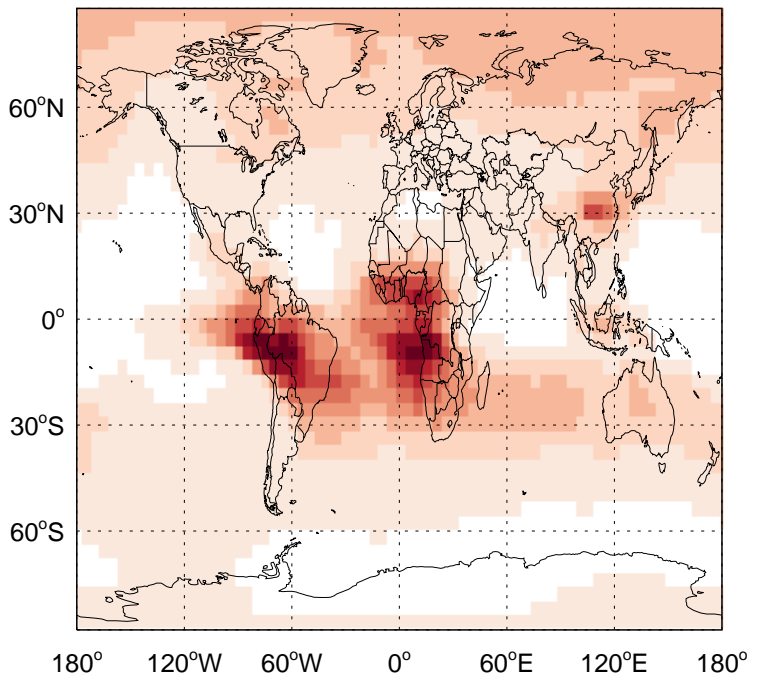
v11-02d - v11-02a

PAN - Diff @ Surface for Oct



v11-02d - v11-02a

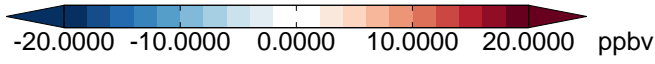
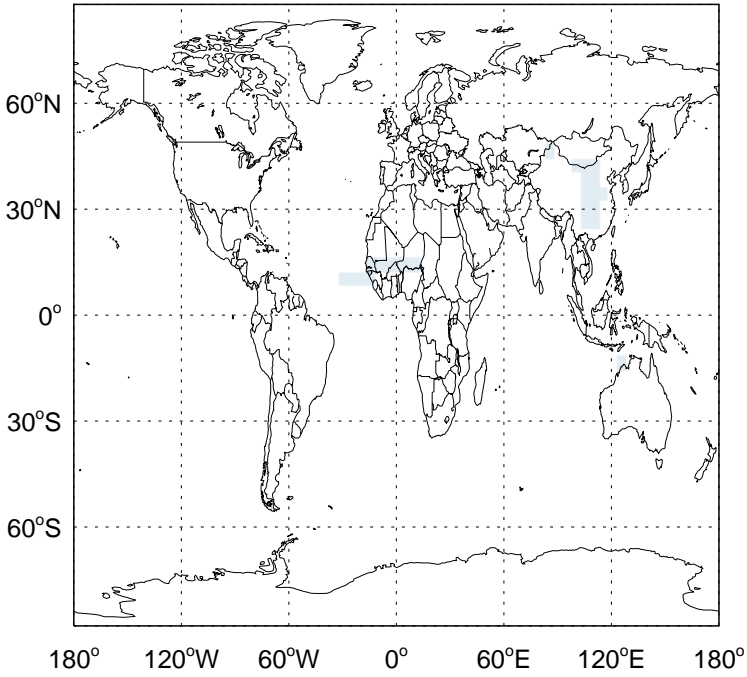
PAN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

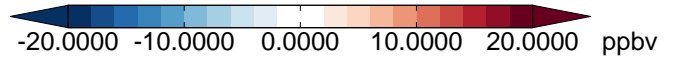
v11-02d - v11-02c

CO - Diff @ Surface for Oct



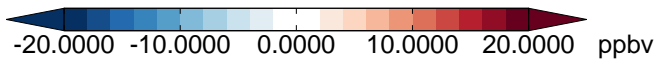
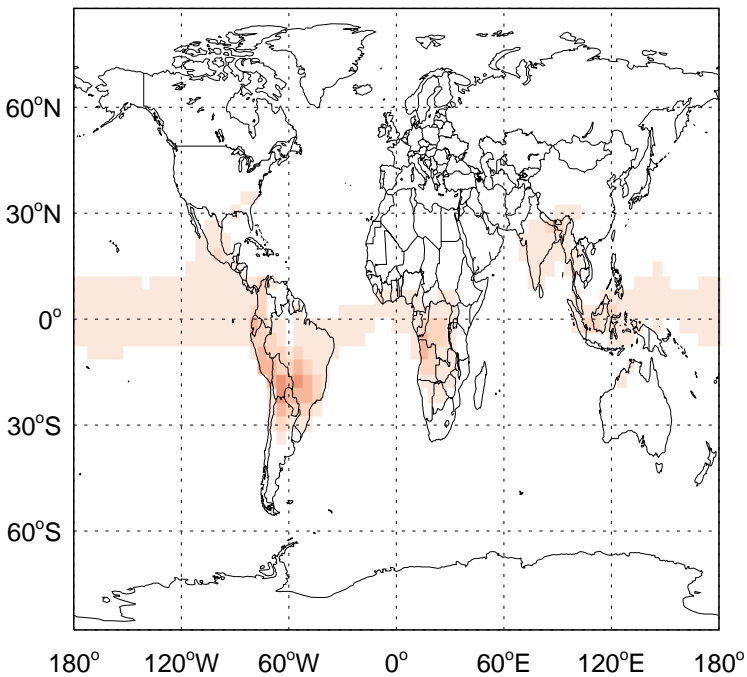
v11-02d - v11-02c

CO- Diff @ 500 hPa for Oct



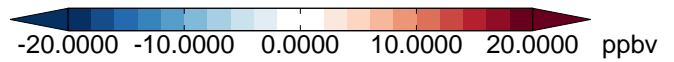
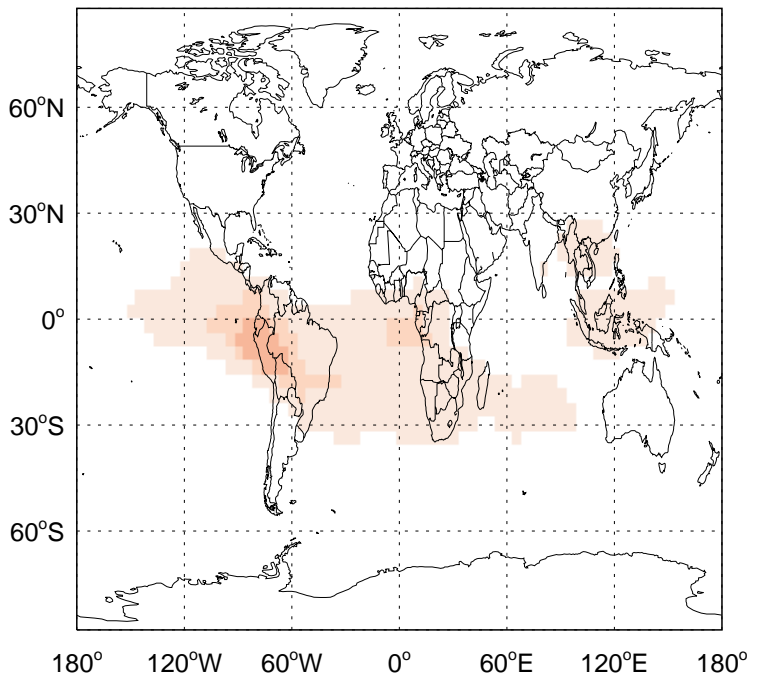
v11-02d - v11-02a

CO - Diff @ Surface for Oct



v11-02d - v11-02a

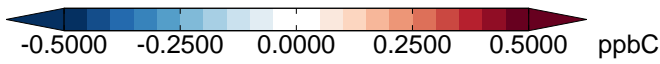
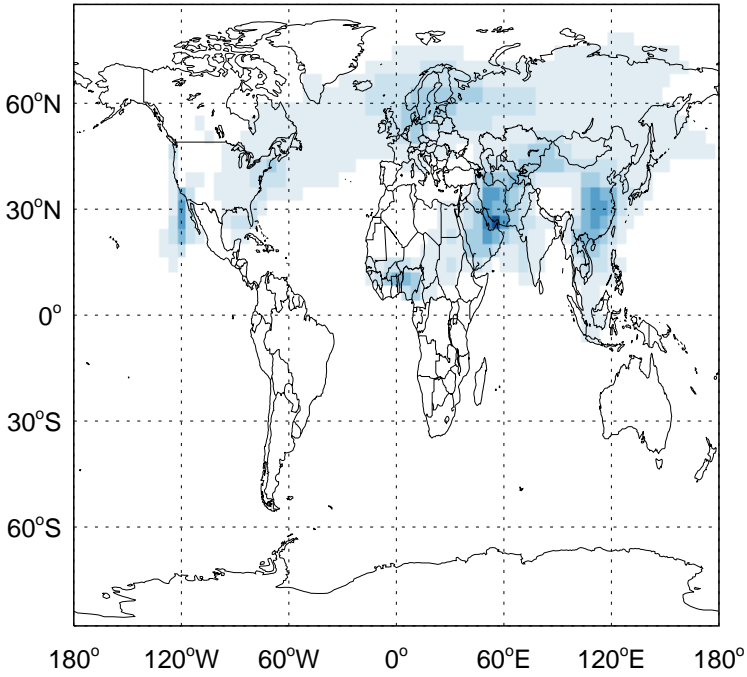
CO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

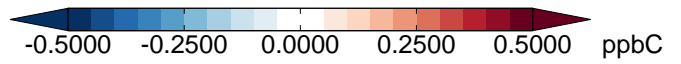
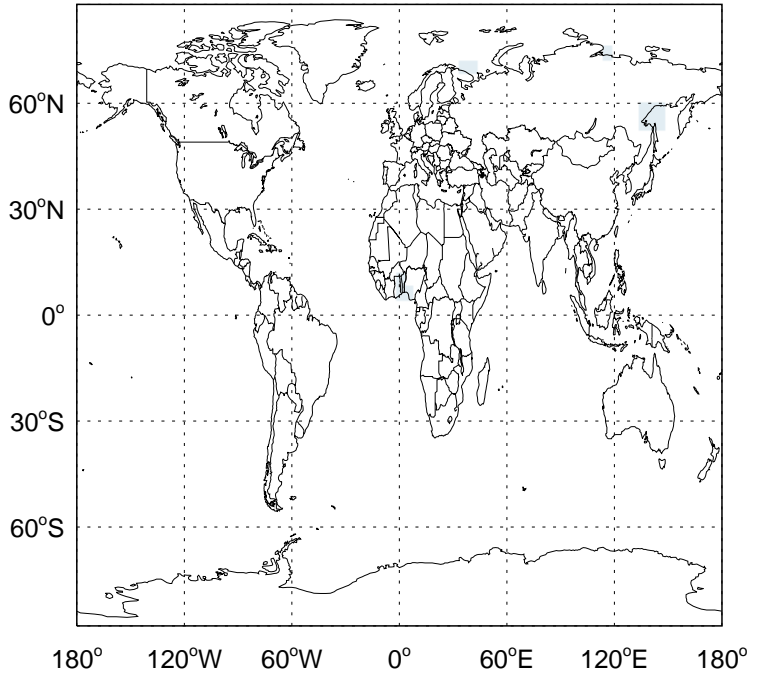
v11-02d - v11-02c

ALK4 - Diff @ Surface for Oct



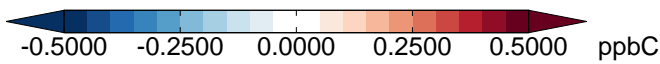
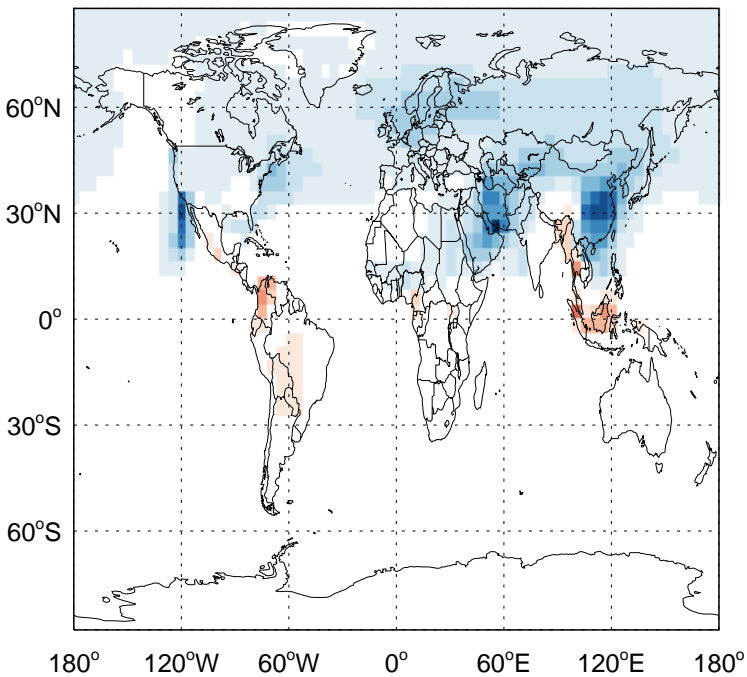
v11-02d - v11-02c

ALK4- Diff @ 500 hPa for Oct



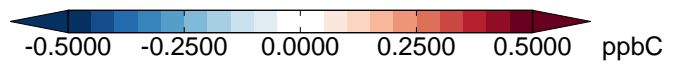
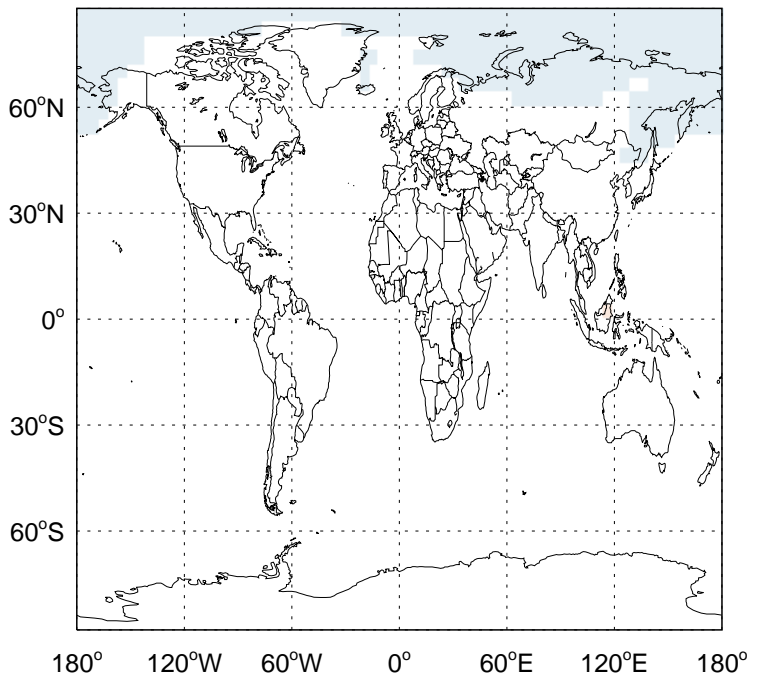
v11-02d - v11-02a

ALK4 - Diff @ Surface for Oct



v11-02d - v11-02a

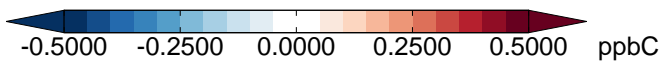
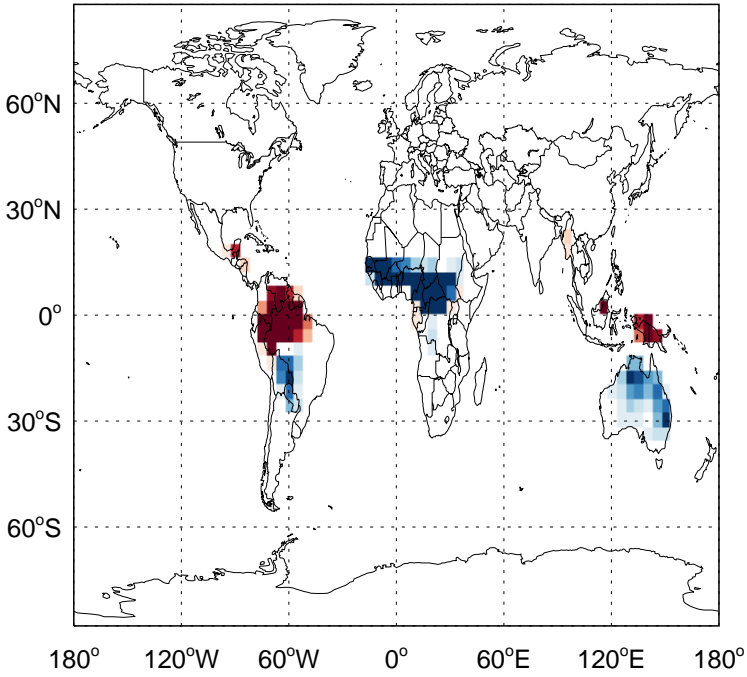
ALK4- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

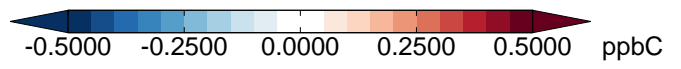
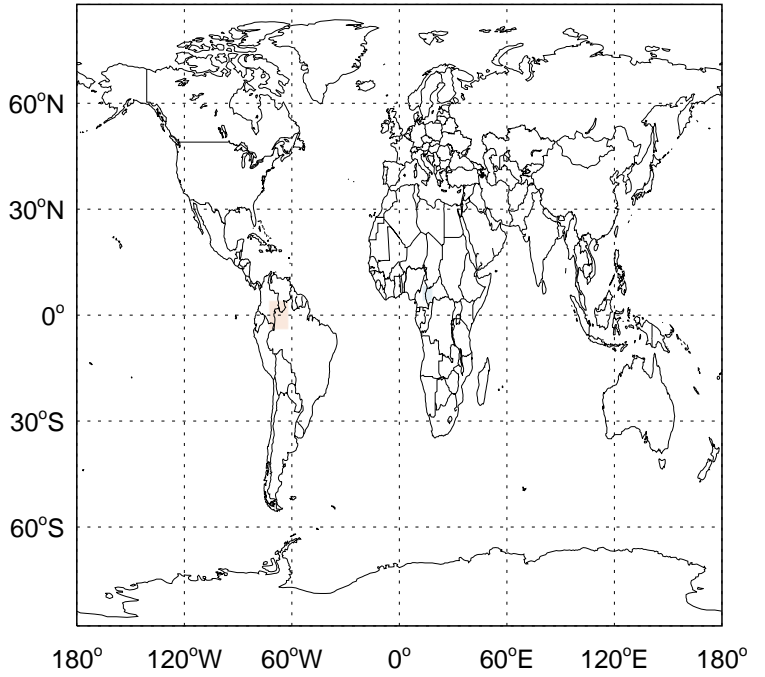
v11-02d - v11-02c

ISOP - Diff @ Surface for Oct



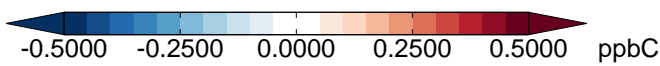
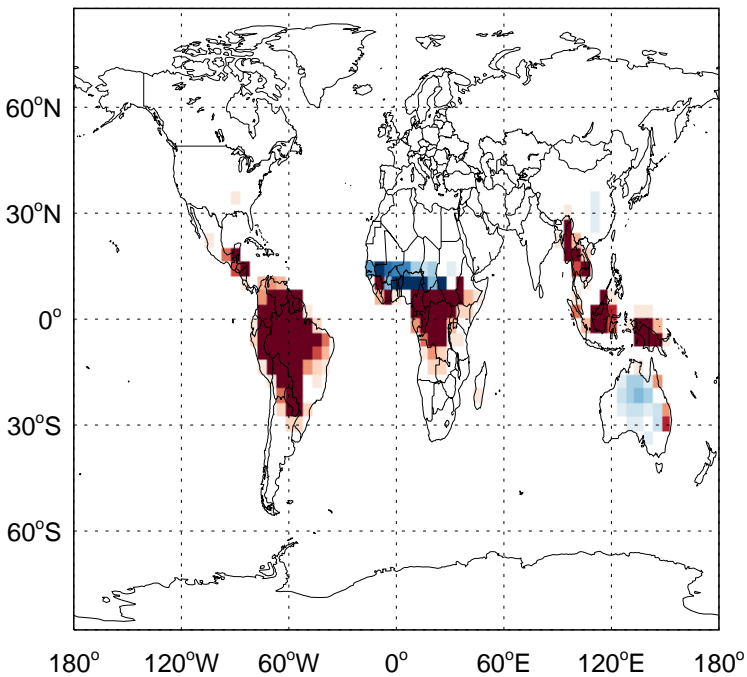
v11-02d - v11-02c

ISOP- Diff @ 500 hPa for Oct



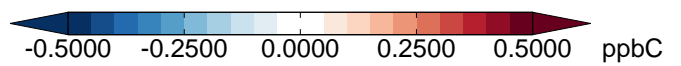
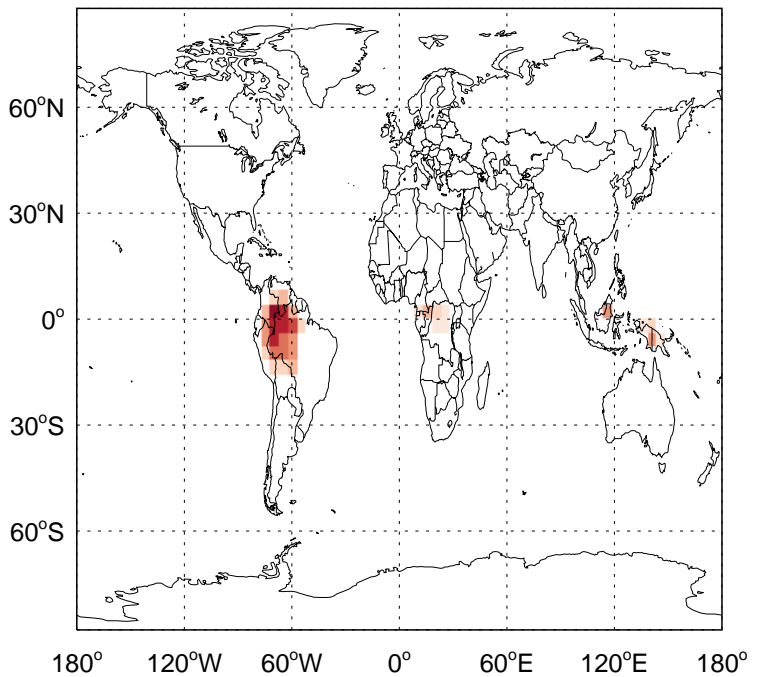
v11-02d - v11-02a

ISOP - Diff @ Surface for Oct



v11-02d - v11-02a

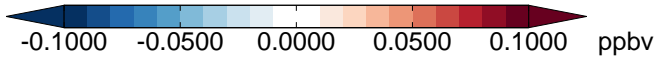
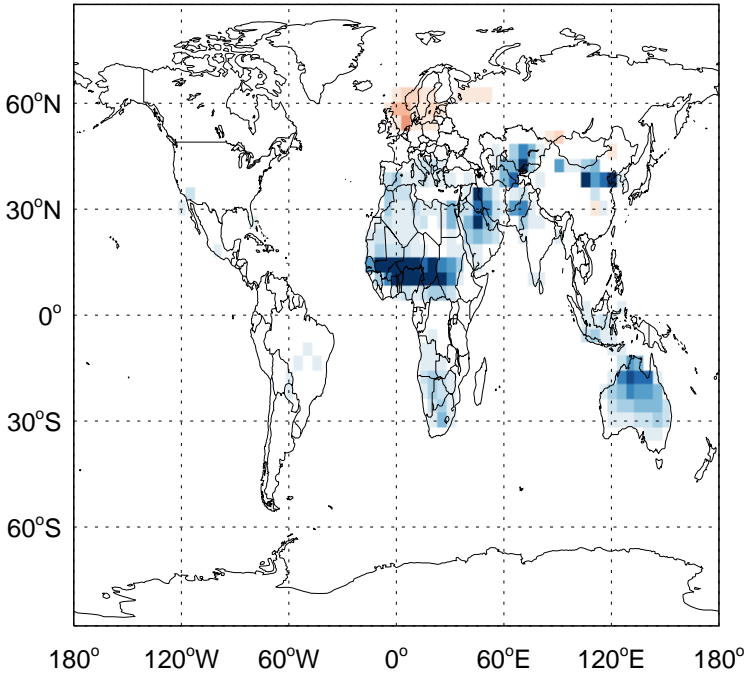
ISOP- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

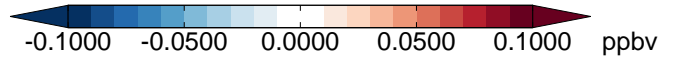
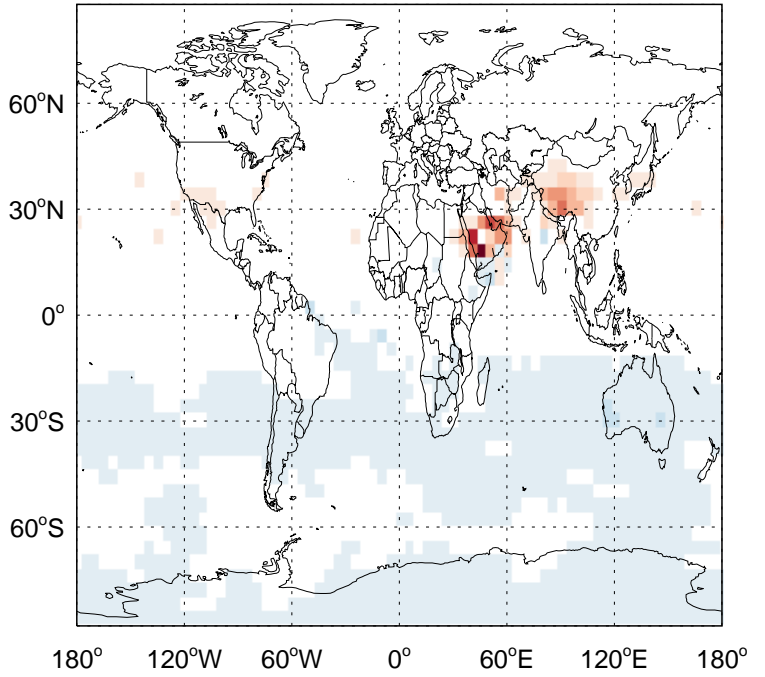
v11-02d - v11-02c

HNO<sub>3</sub> - Diff @ Surface for Oct



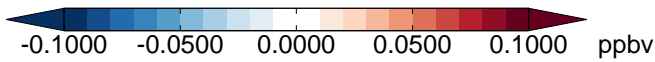
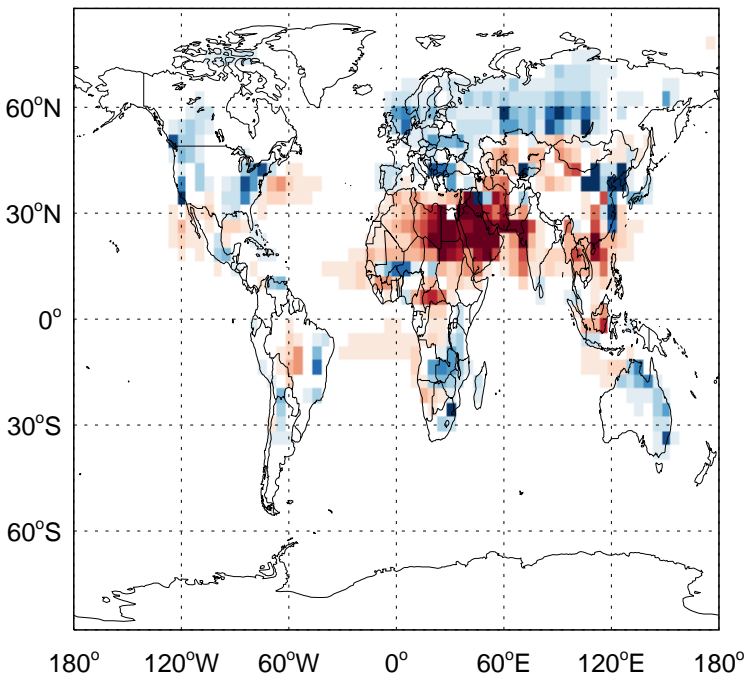
v11-02d - v11-02c

HNO<sub>3</sub>- Diff @ 500 hPa for Oct



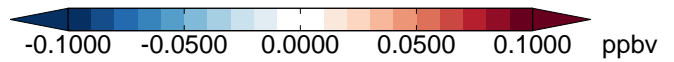
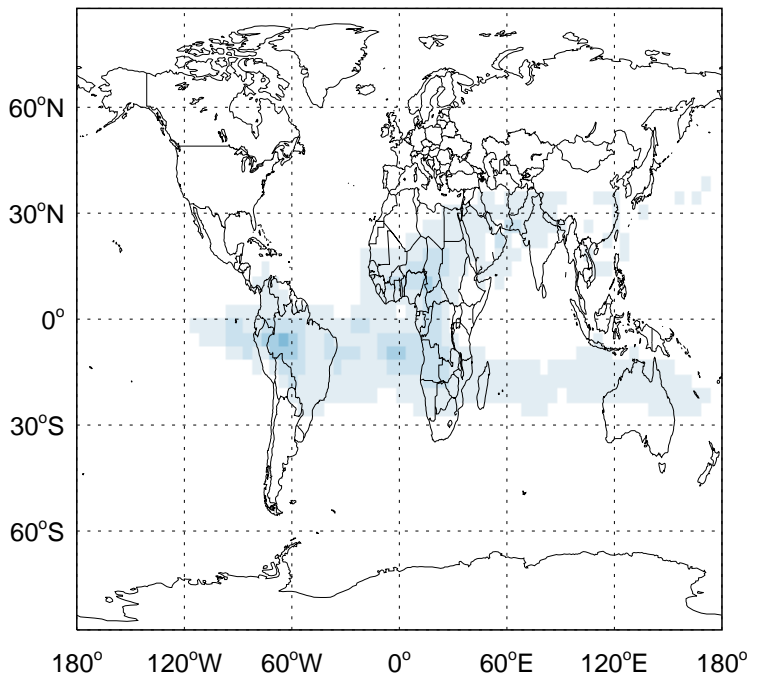
v11-02d - v11-02a

HNO<sub>3</sub> - Diff @ Surface for Oct



v11-02d - v11-02a

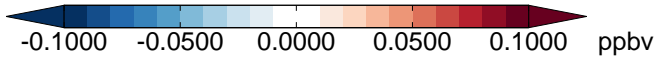
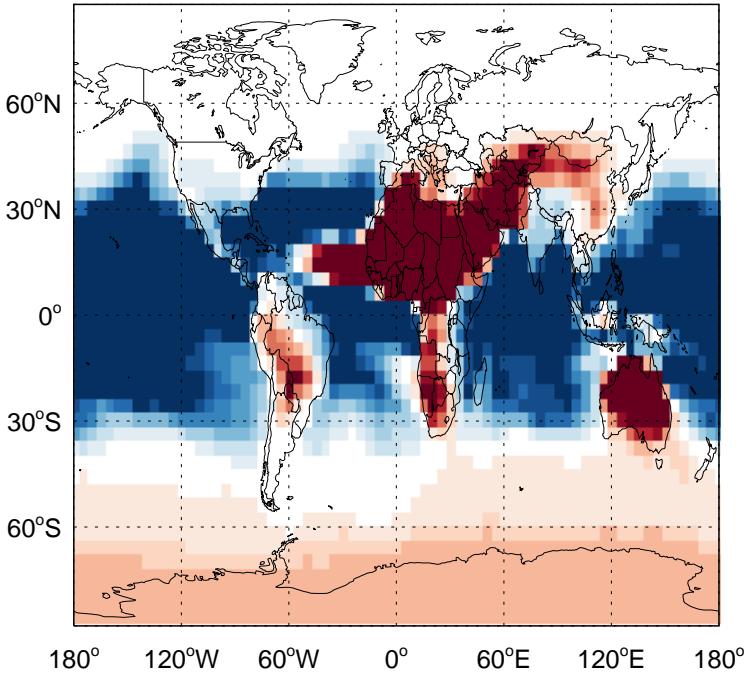
HNO<sub>3</sub>- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

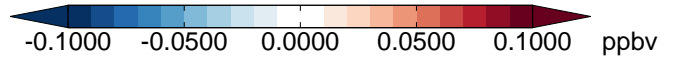
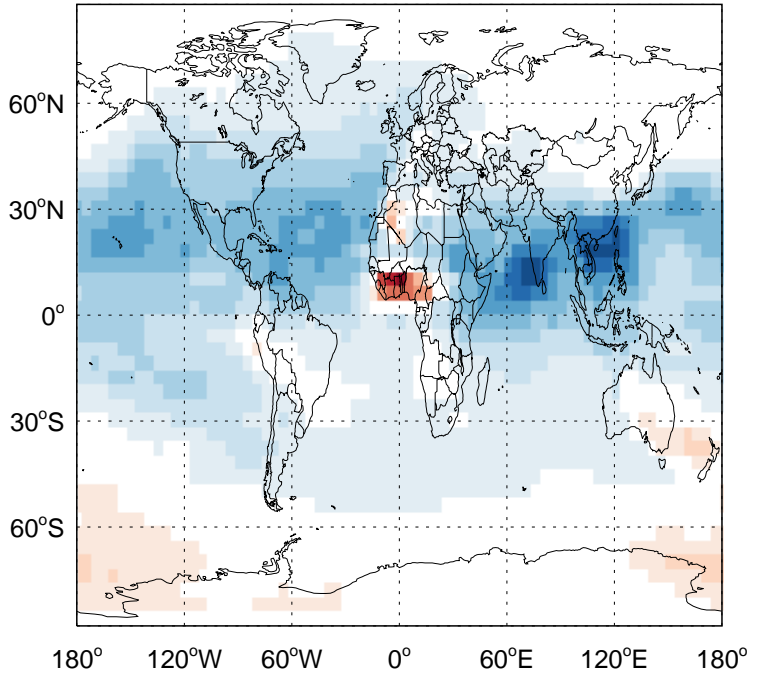
v11-02d - v11-02c

H2O2 - Diff @ Surface for Oct



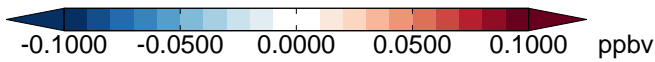
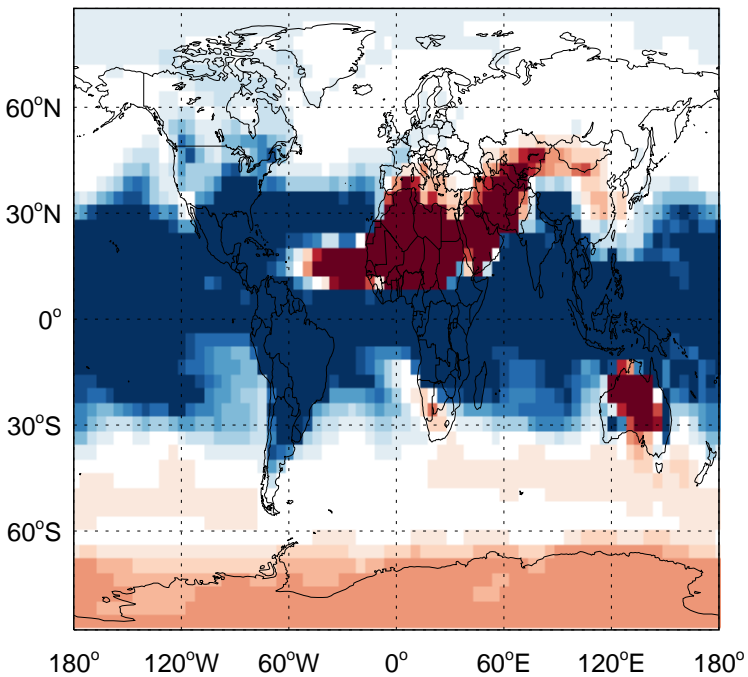
v11-02d - v11-02c

H2O2- Diff @ 500 hPa for Oct



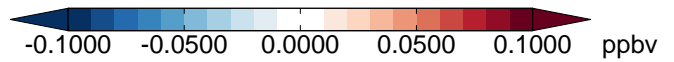
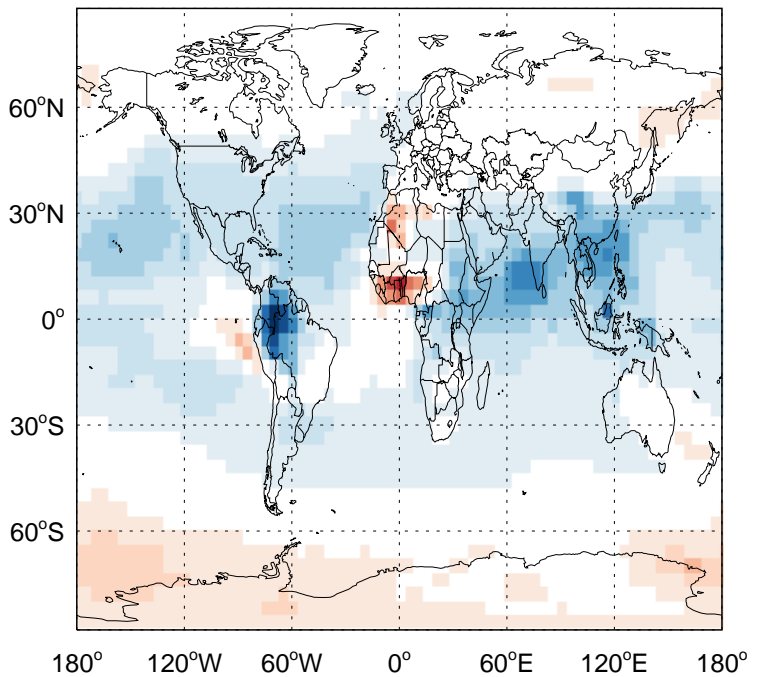
v11-02d - v11-02a

H2O2 - Diff @ Surface for Oct



v11-02d - v11-02a

H2O2- Diff @ 500 hPa for Oct

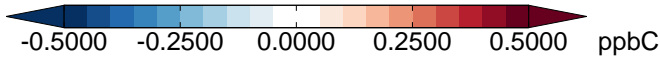
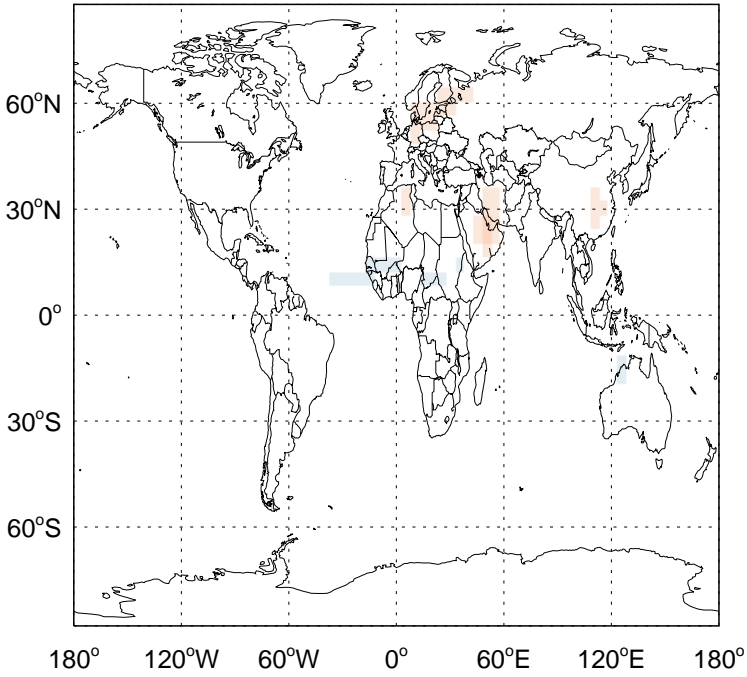




# GEOS-Chem Difference Maps at surface and 500 hPa

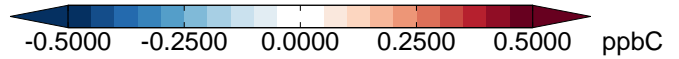
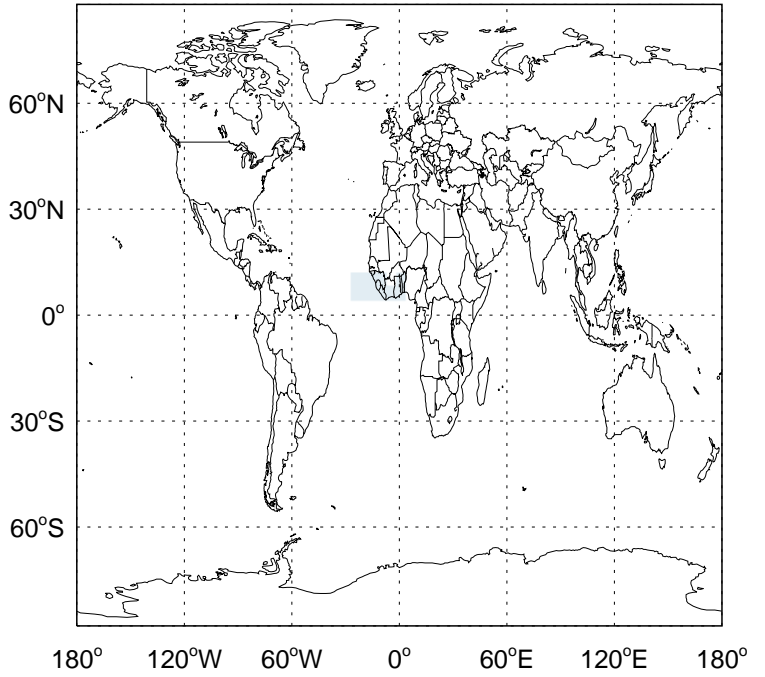
v11-02d - v11-02c

ACET - Diff @ Surface for Oct



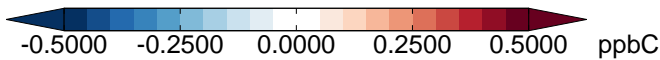
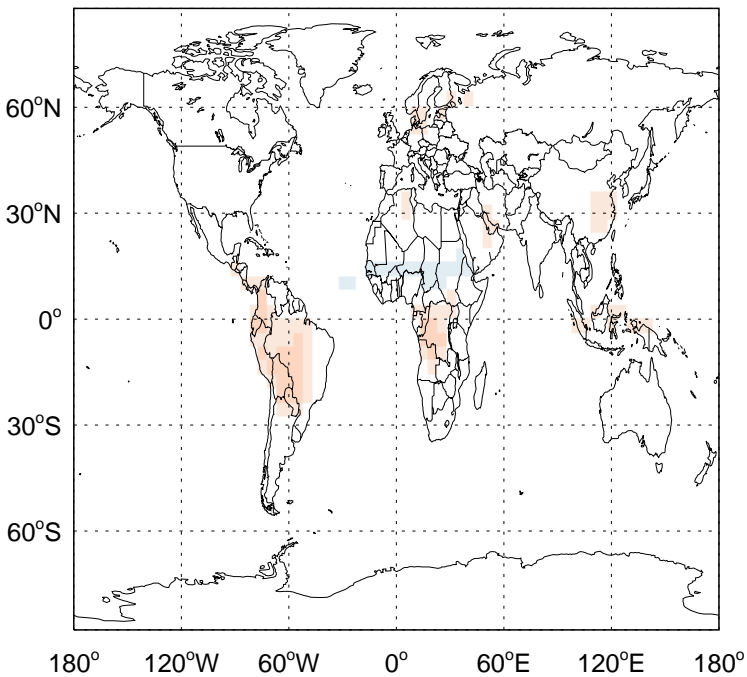
v11-02d - v11-02c

ACET - Diff @ 500 hPa for Oct



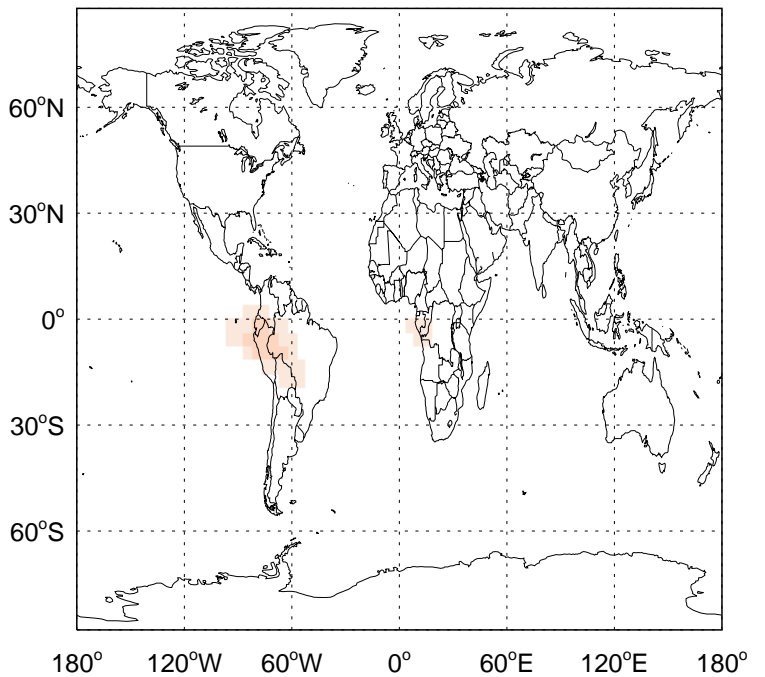
v11-02d - v11-02a

ACET - Diff @ Surface for Oct



v11-02d - v11-02a

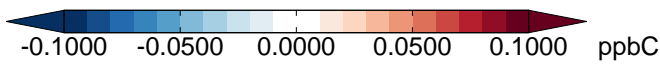
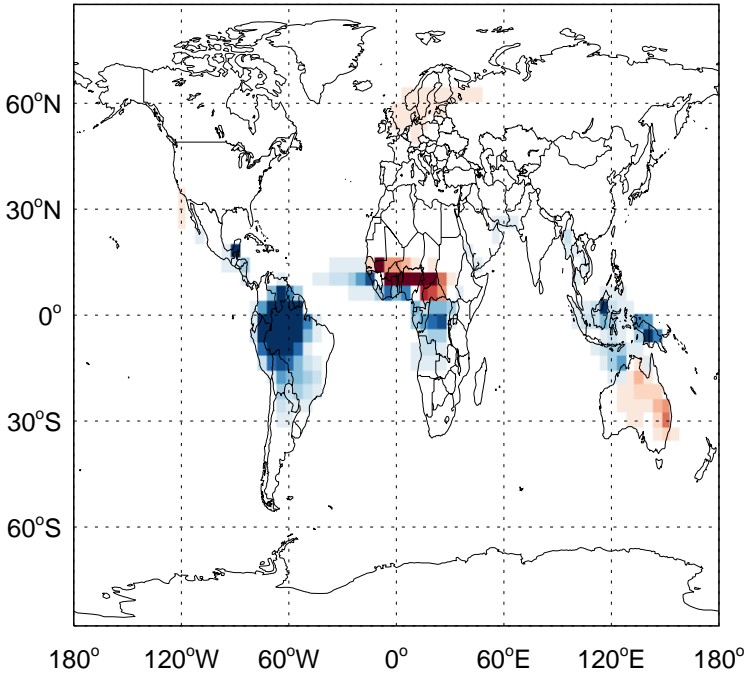
ACET - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

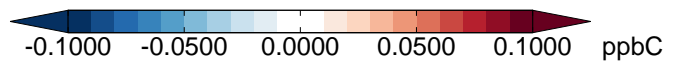
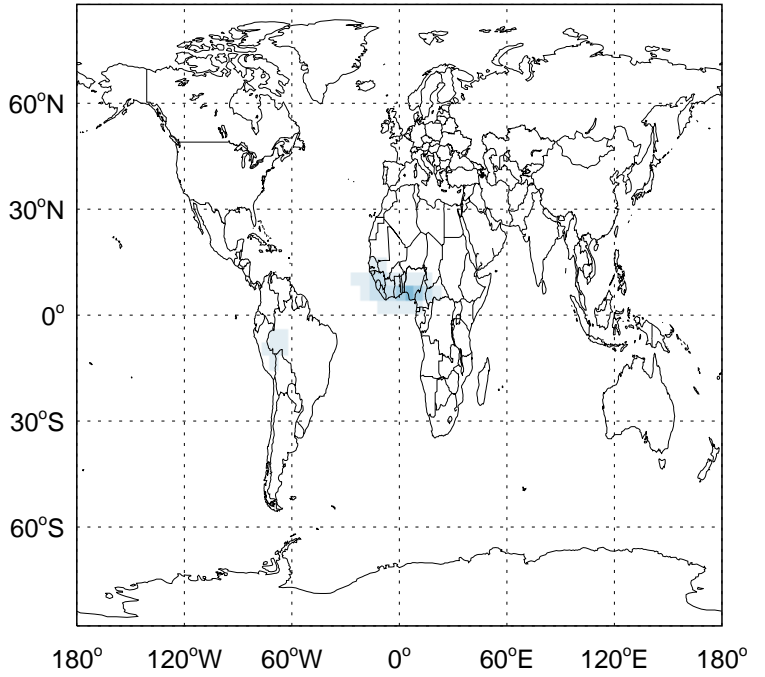
v11-02d - v11-02c

MEK - Diff @ Surface for Oct



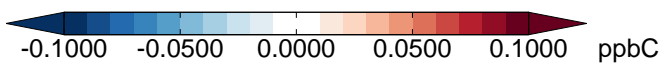
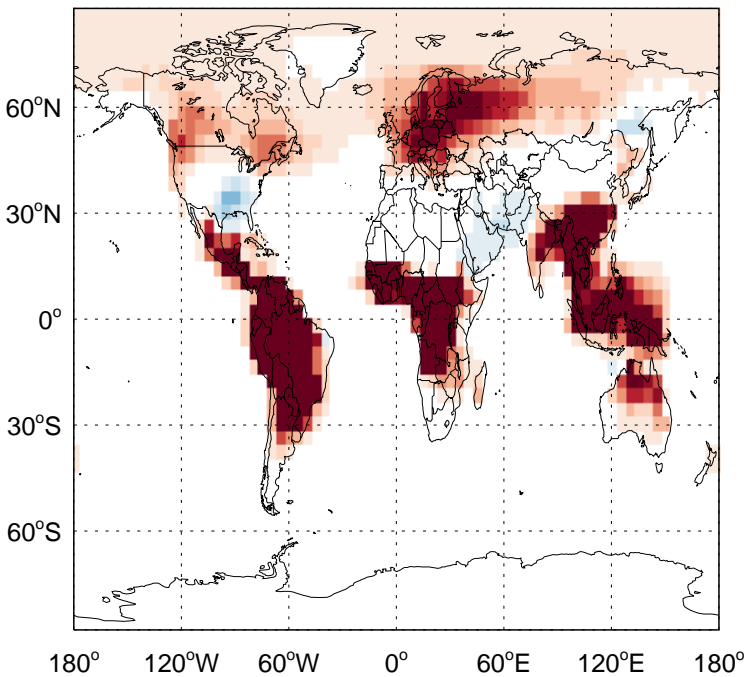
v11-02d - v11-02c

MEK- Diff @ 500 hPa for Oct



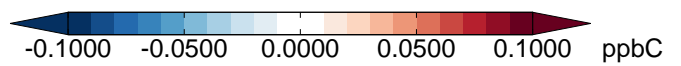
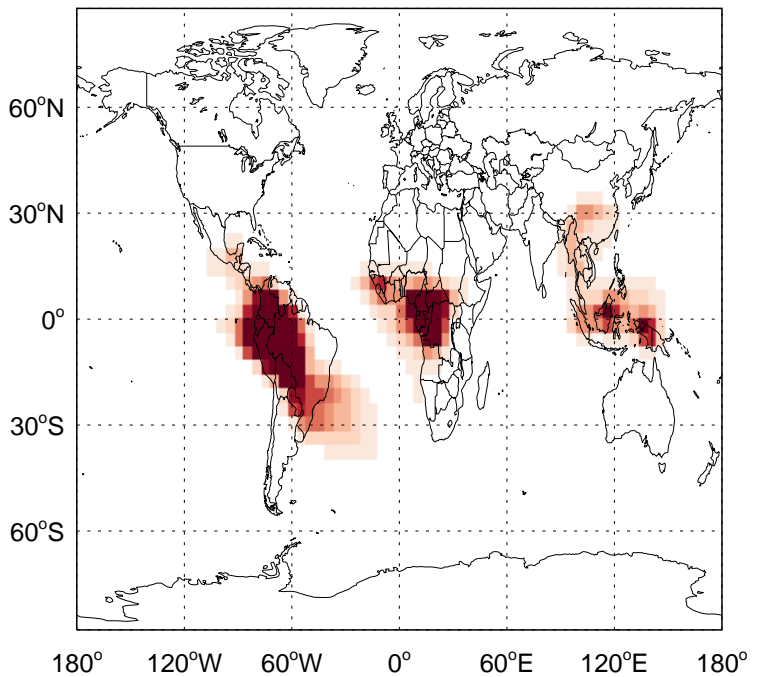
v11-02d - v11-02a

MEK - Diff @ Surface for Oct



v11-02d - v11-02a

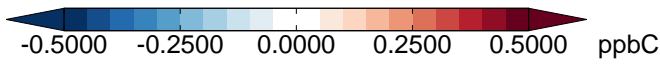
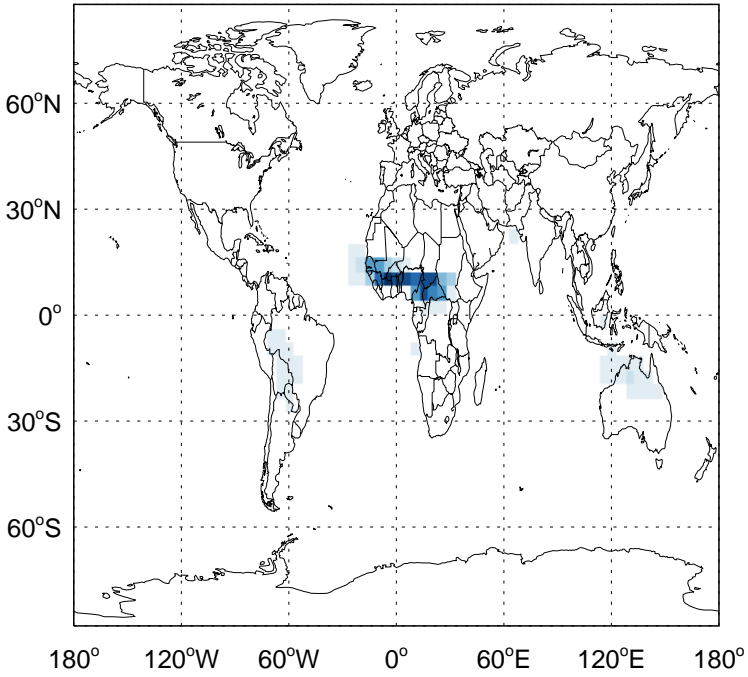
MEK- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

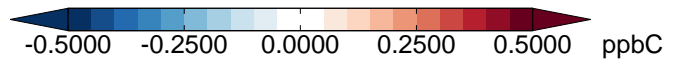
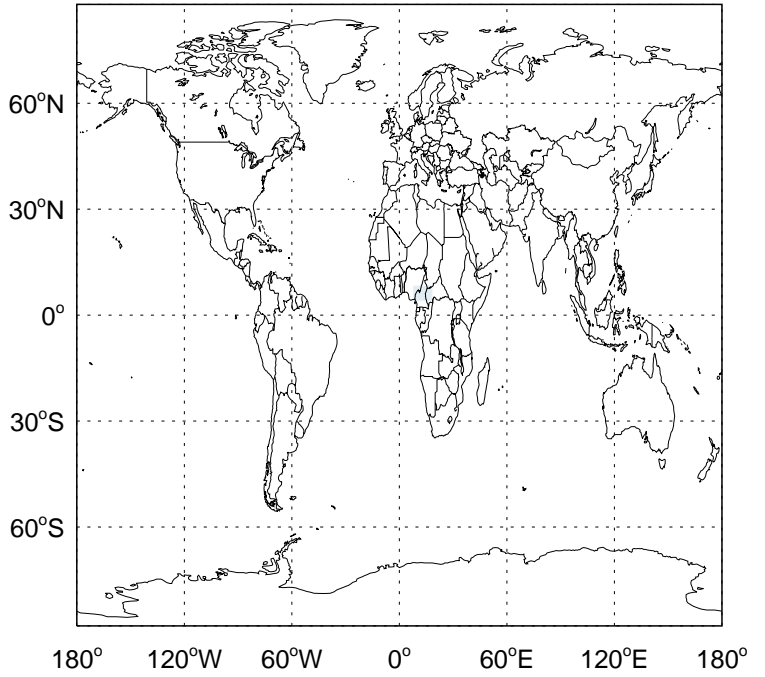
v11-02d - v11-02c

ALD2 - Diff @ Surface for Oct



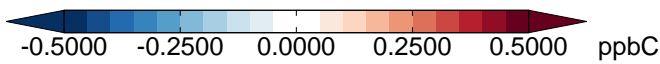
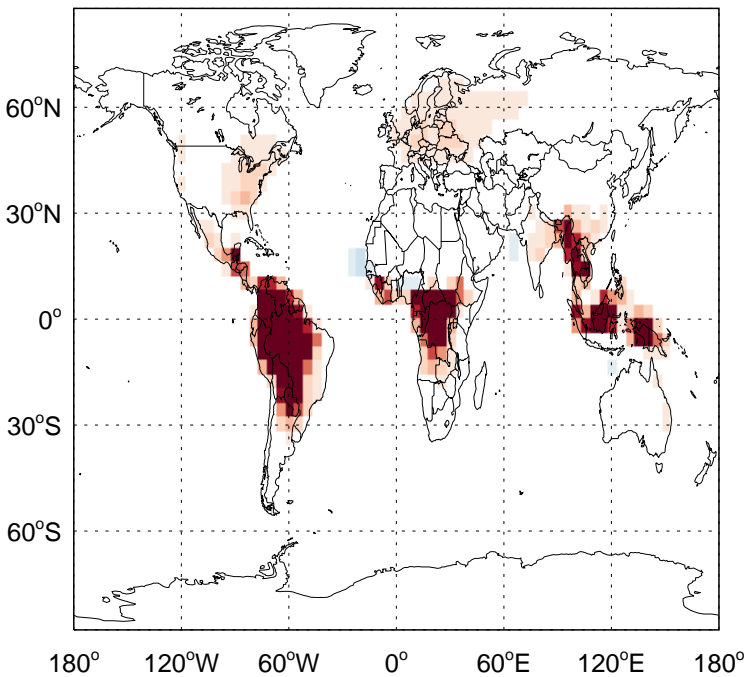
v11-02d - v11-02c

ALD2- Diff @ 500 hPa for Oct



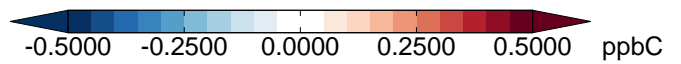
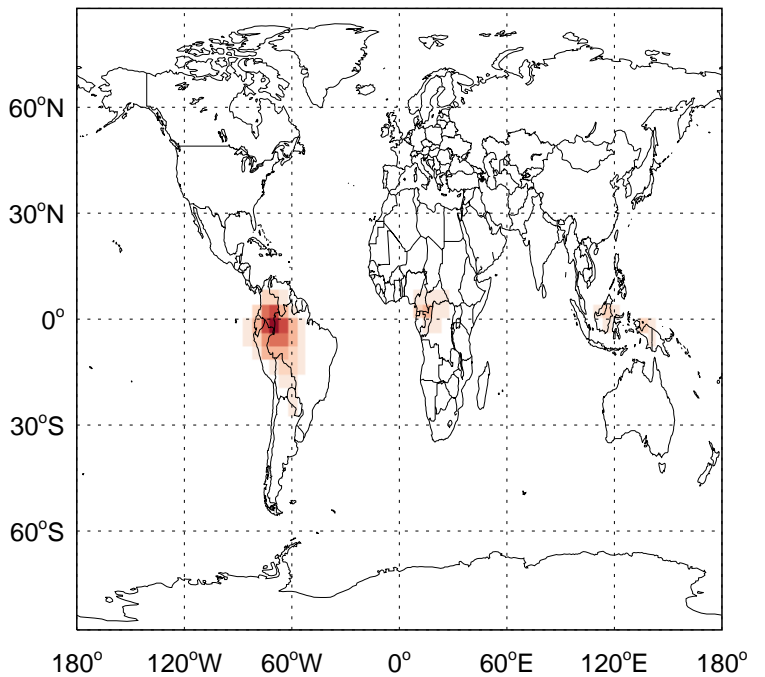
v11-02d - v11-02a

ALD2 - Diff @ Surface for Oct



v11-02d - v11-02a

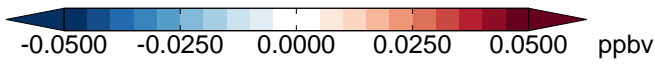
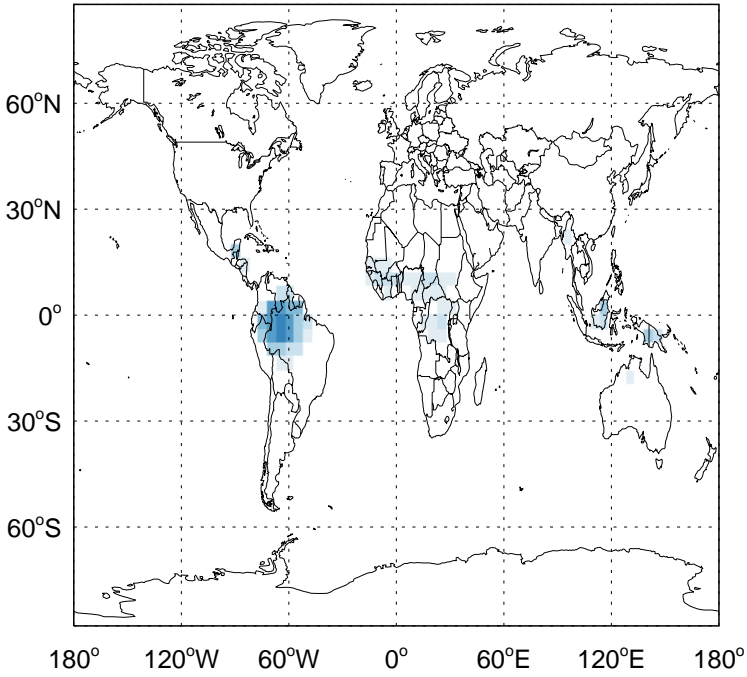
ALD2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

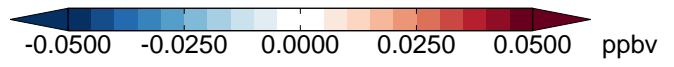
v11-02d - v11-02c

RCHO - Diff @ Surface for Oct



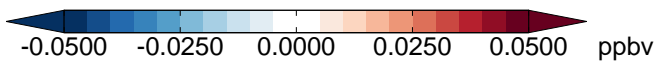
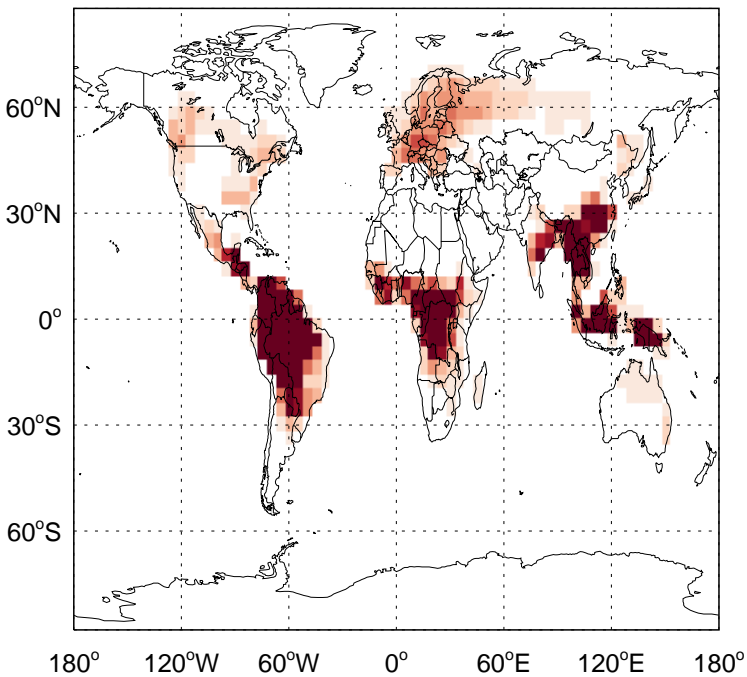
v11-02d - v11-02c

RCHO- Diff @ 500 hPa for Oct



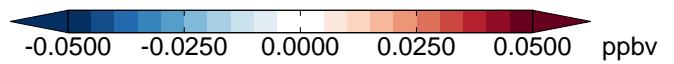
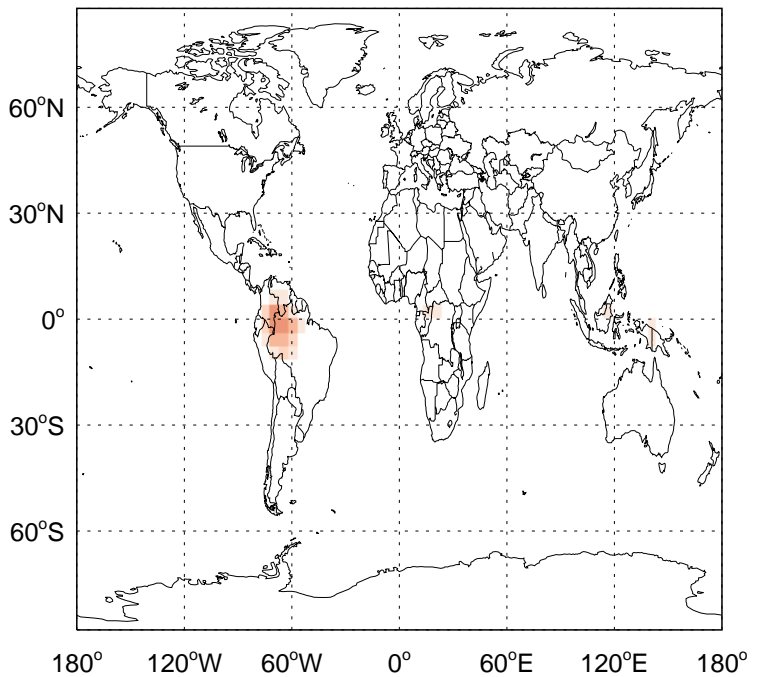
v11-02d - v11-02a

RCHO - Diff @ Surface for Oct



v11-02d - v11-02a

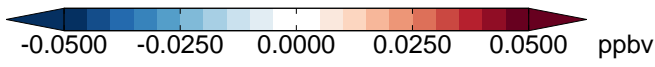
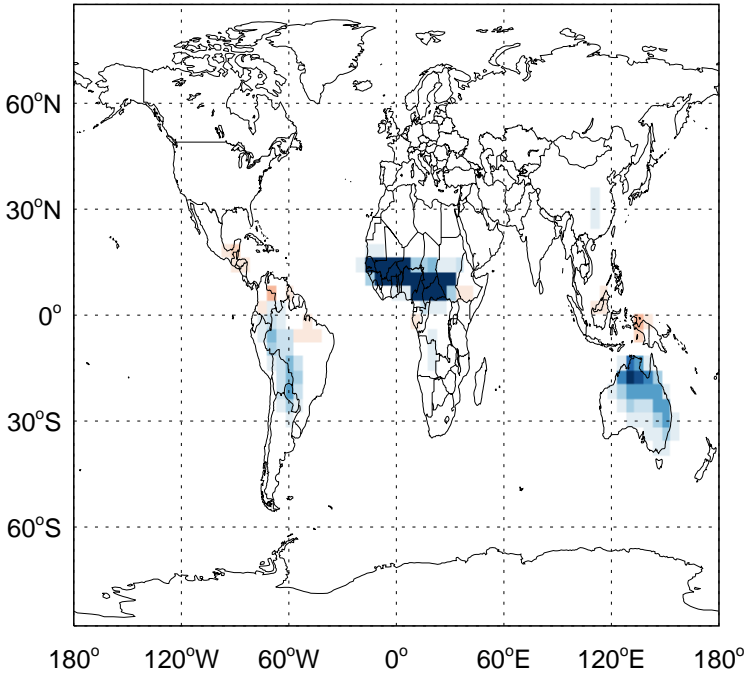
RCHO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

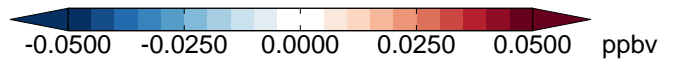
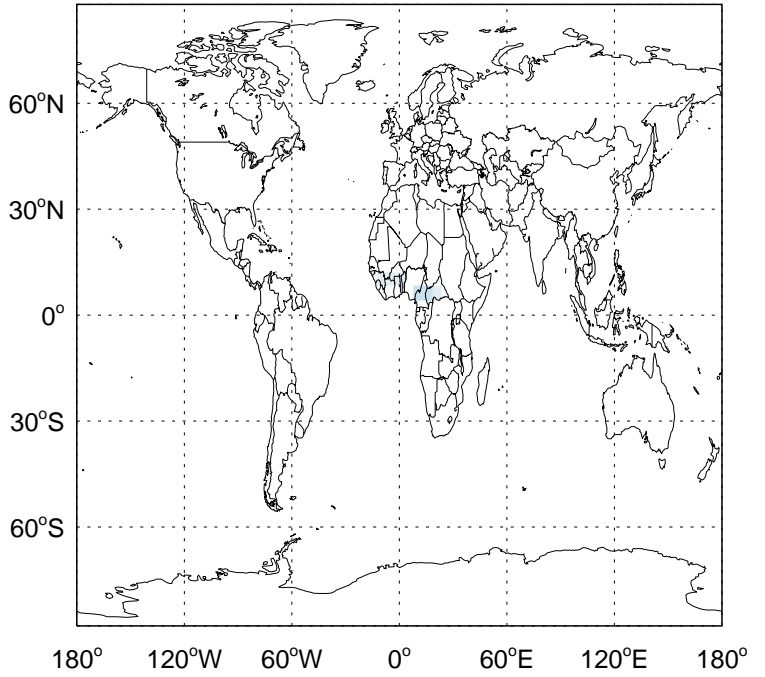
v11-02d - v11-02c

MVK - Diff @ Surface for Oct



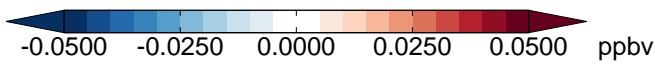
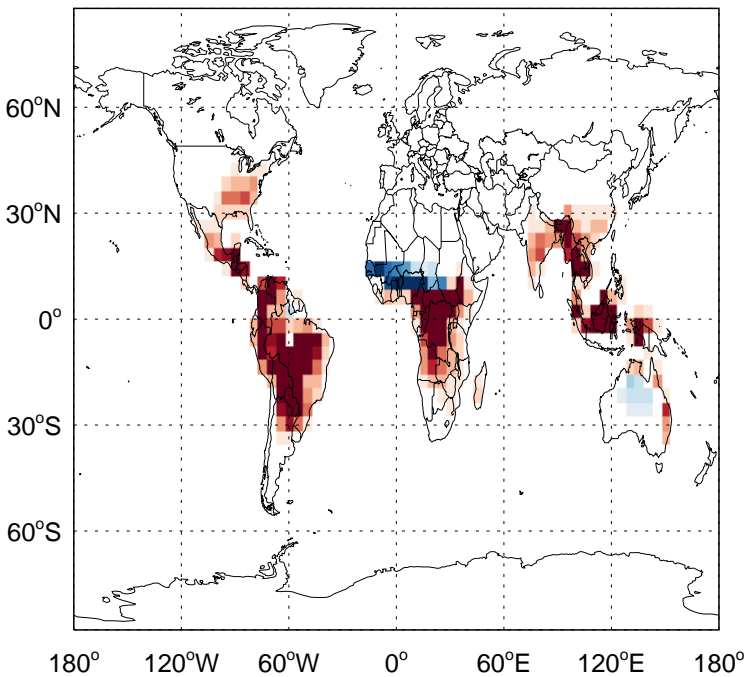
v11-02d - v11-02c

MVK- Diff @ 500 hPa for Oct



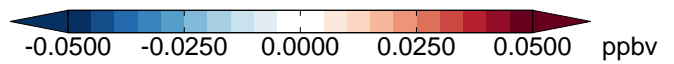
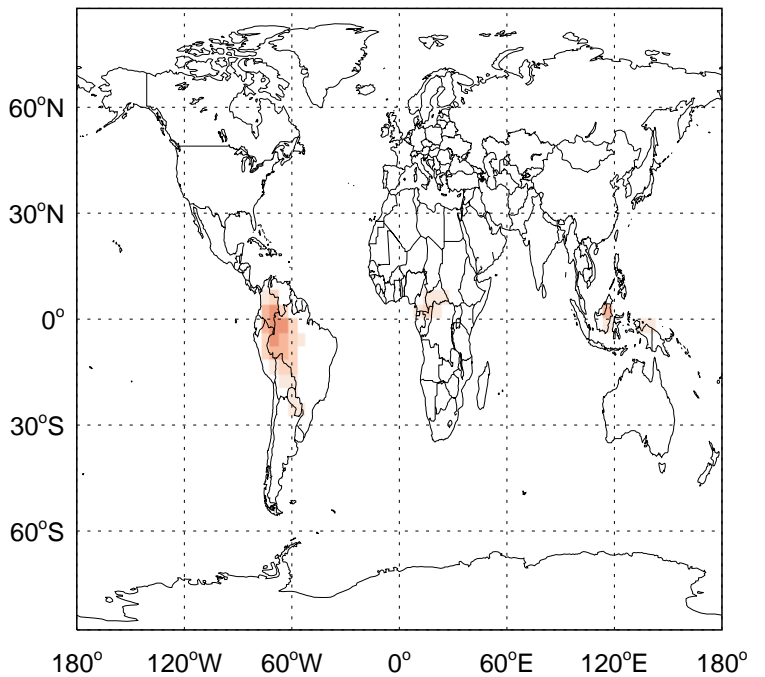
v11-02d - v11-02a

MVK - Diff @ Surface for Oct



v11-02d - v11-02a

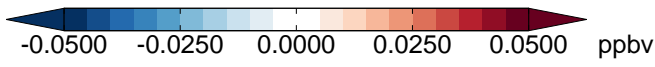
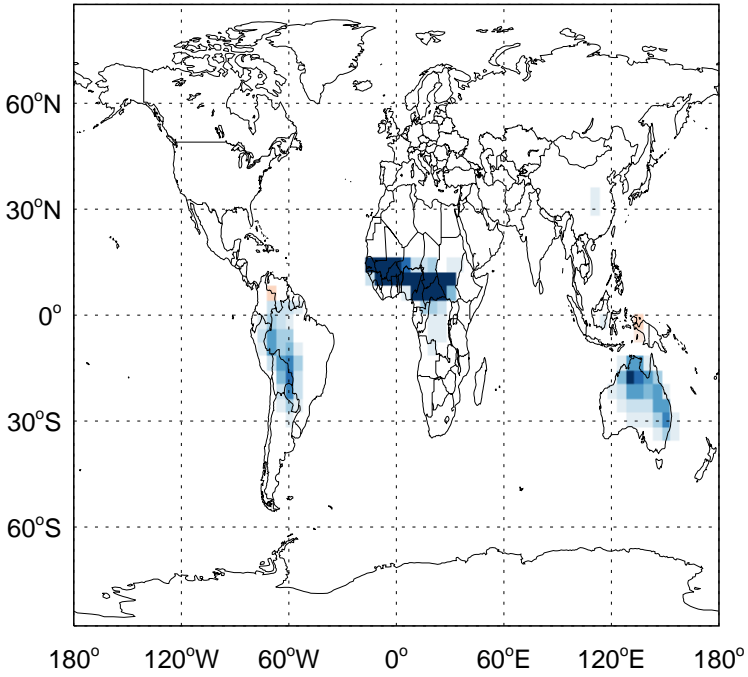
MVK- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

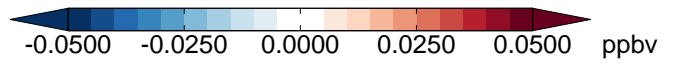
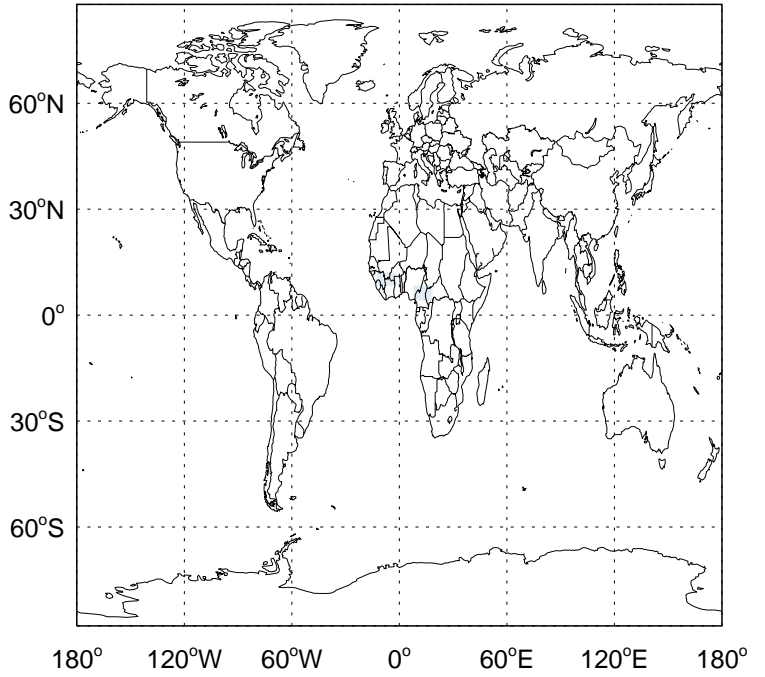
v11-02d - v11-02c

MACR - Diff @ Surface for Oct



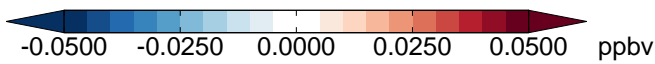
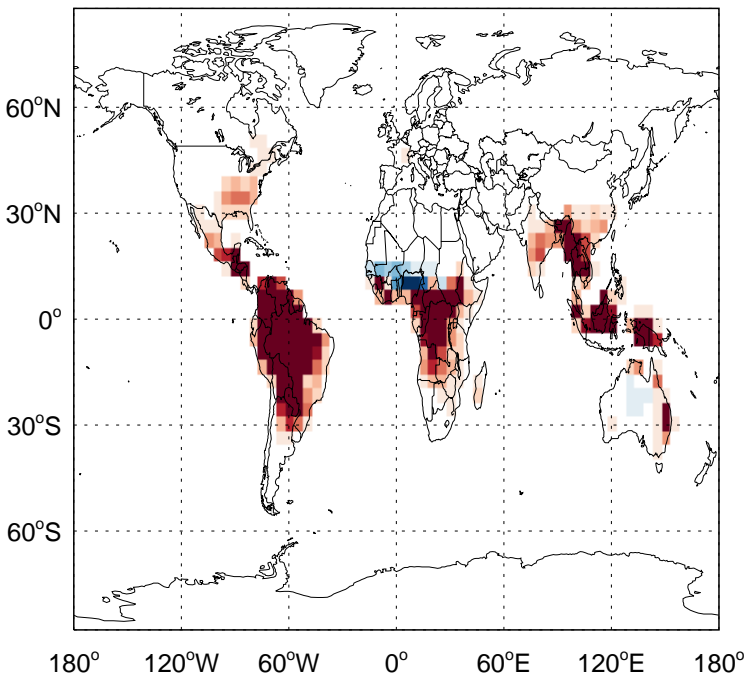
v11-02d - v11-02c

MACR- Diff @ 500 hPa for Oct



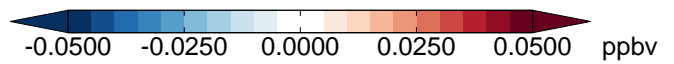
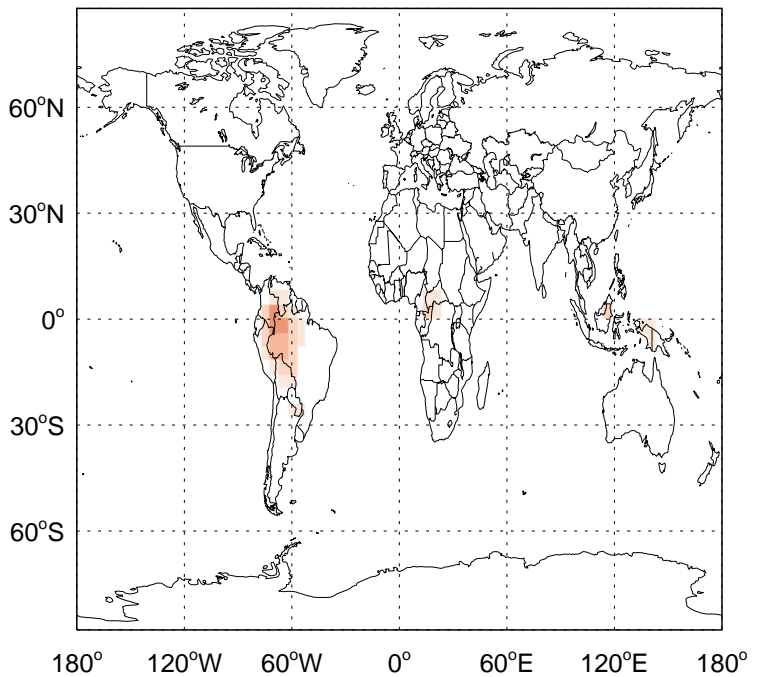
v11-02d - v11-02a

MACR - Diff @ Surface for Oct



v11-02d - v11-02a

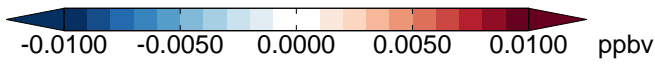
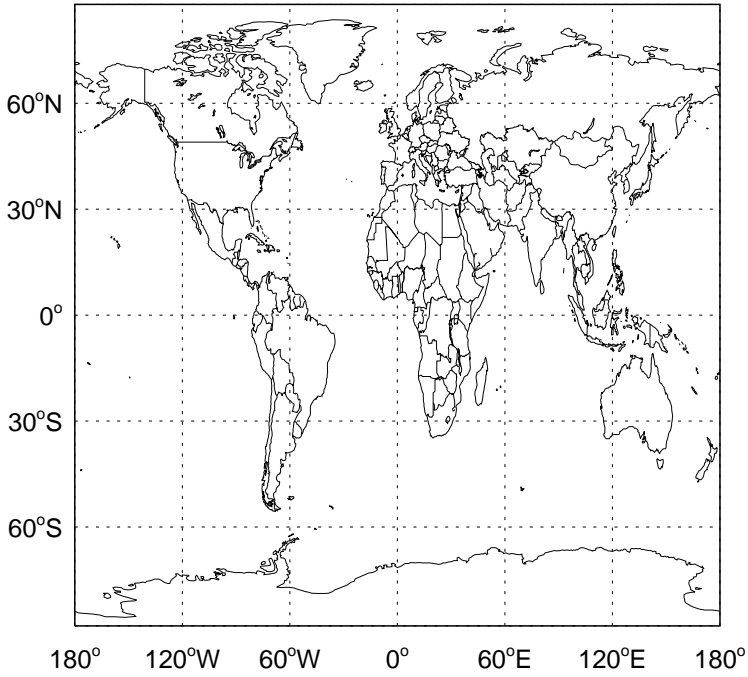
MACR- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

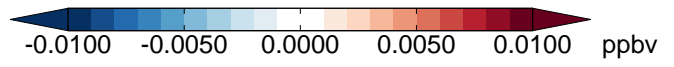
v11-02d - v11-02c

NPMN - Diff @ Surface for Oct



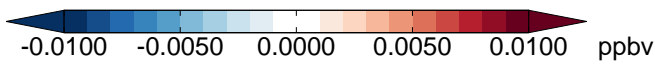
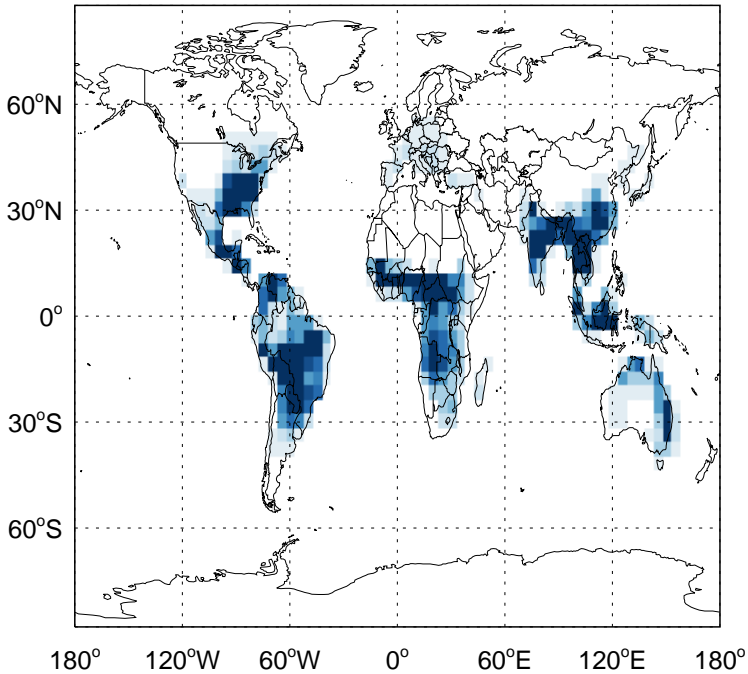
v11-02d - v11-02c

NPMN- Diff @ 500 hPa for Oct



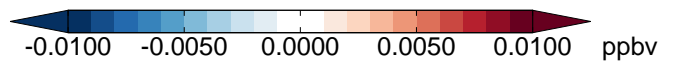
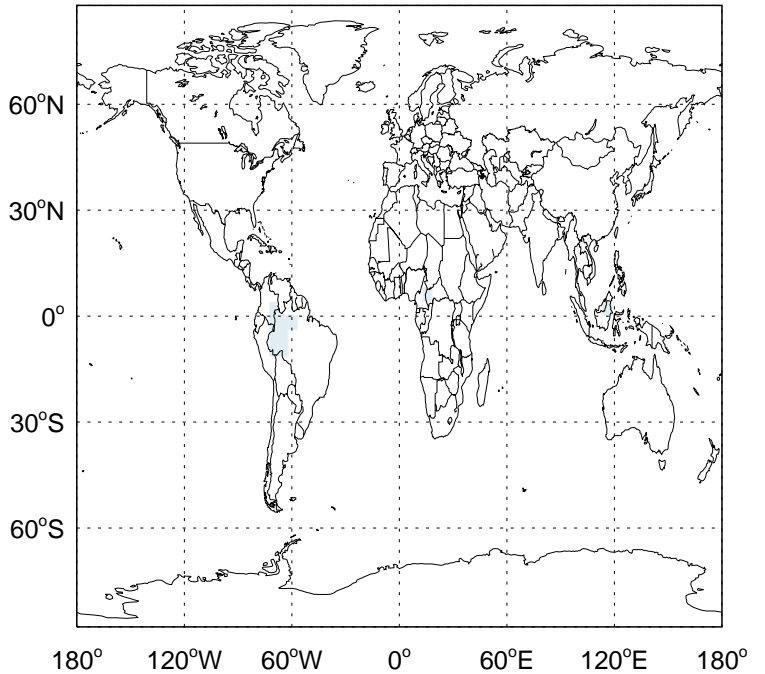
v11-02d - v11-02a

NPMN - Diff @ Surface for Oct



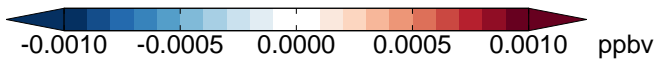
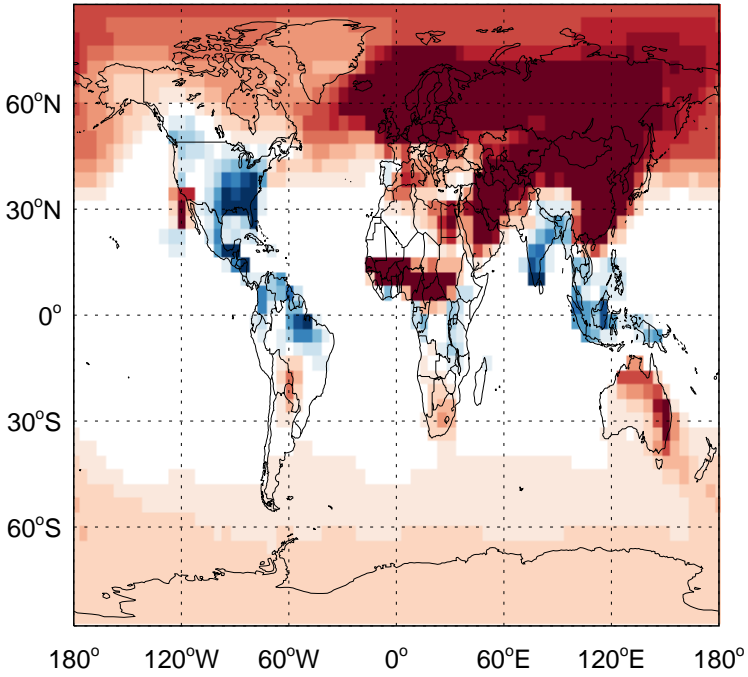
v11-02d - v11-02a

NPMN- Diff @ 500 hPa for Oct

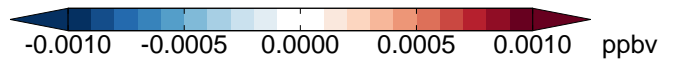
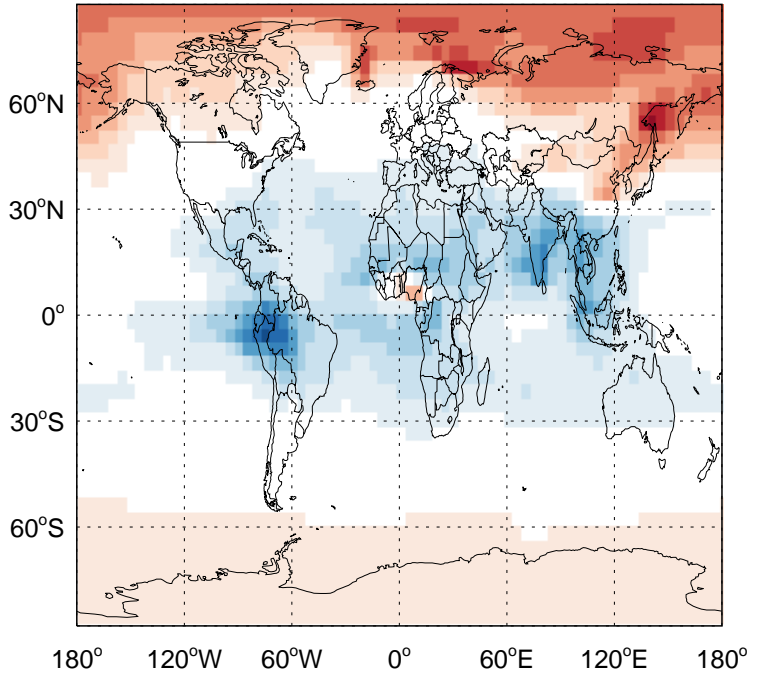


# GEOS-Chem Difference Maps at surface and 500 hPa

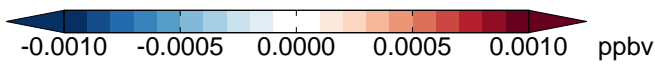
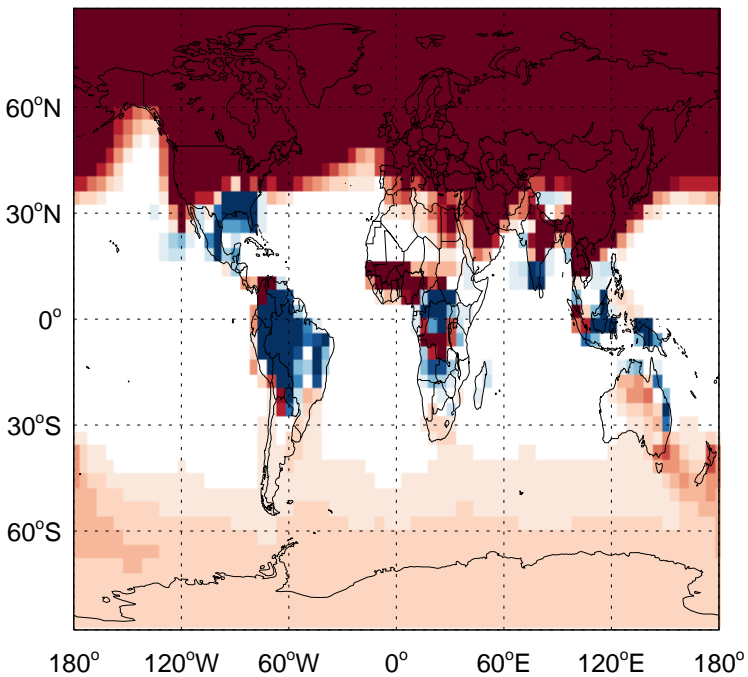
v11-02d - v11-02c  
PPN - Diff @ Surface for Oct



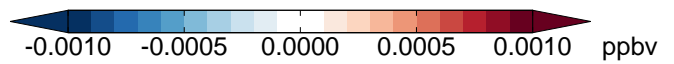
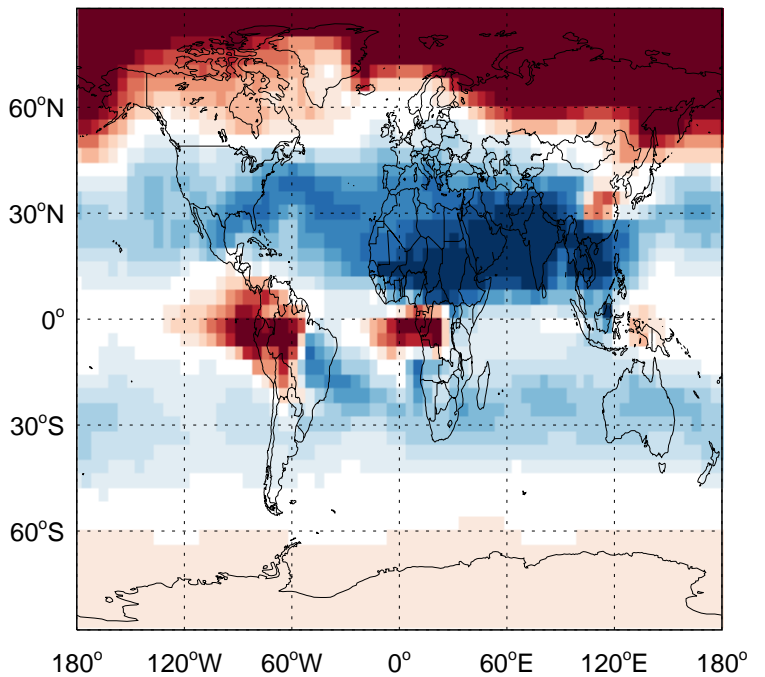
v11-02d - v11-02c  
PPN- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
PPN - Diff @ Surface for Oct



v11-02d - v11-02a  
PPN- Diff @ 500 hPa for Oct

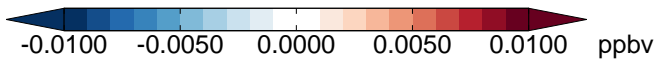
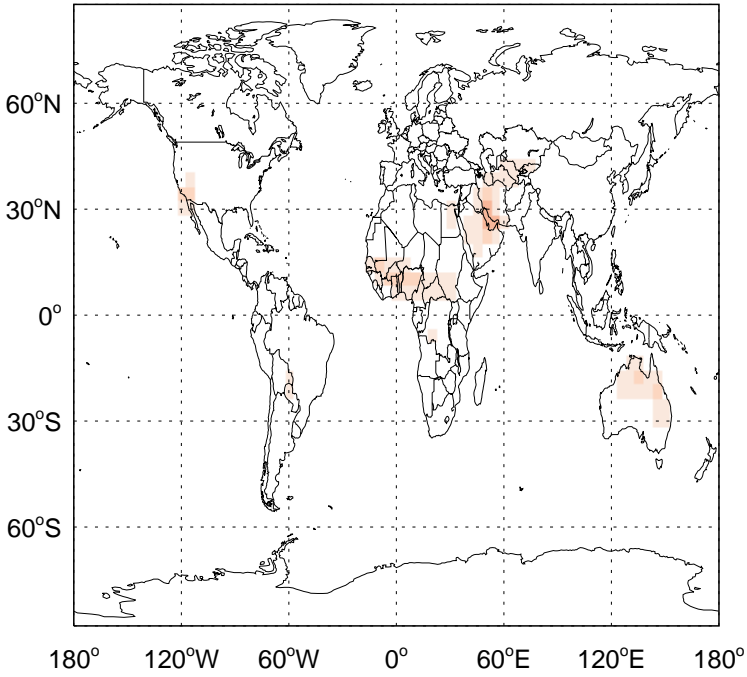




# GEOS-Chem Difference Maps at surface and 500 hPa

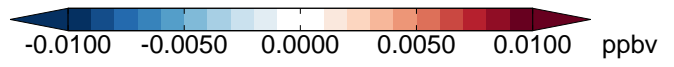
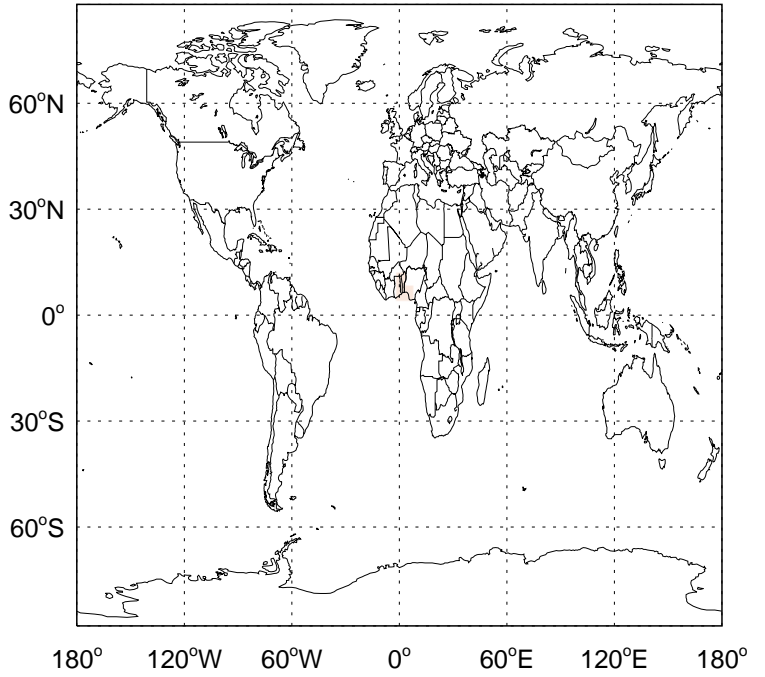
v11-02d - v11-02c

R4N2 - Diff @ Surface for Oct



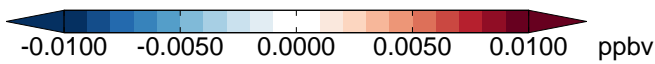
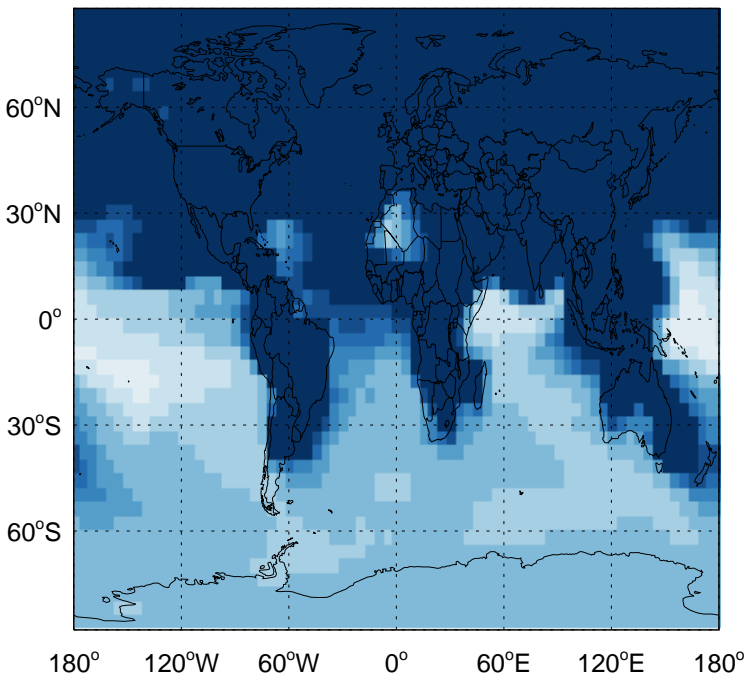
v11-02d - v11-02c

R4N2- Diff @ 500 hPa for Oct



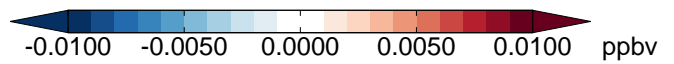
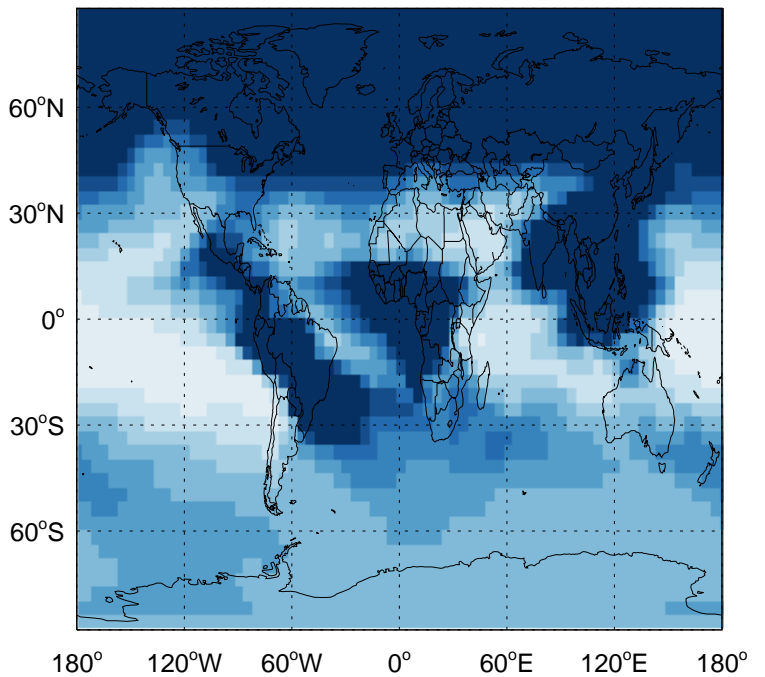
v11-02d - v11-02a

R4N2 - Diff @ Surface for Oct



v11-02d - v11-02a

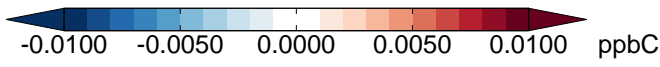
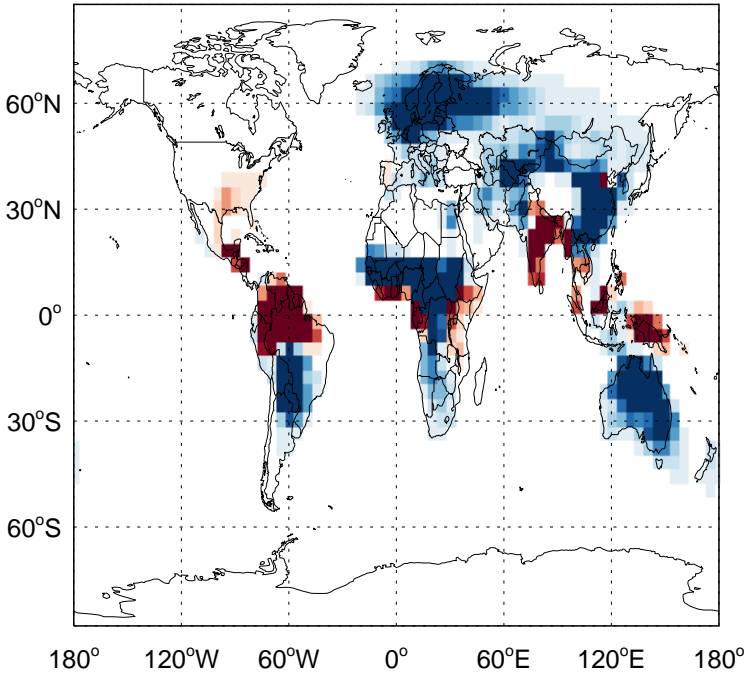
R4N2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

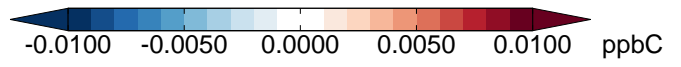
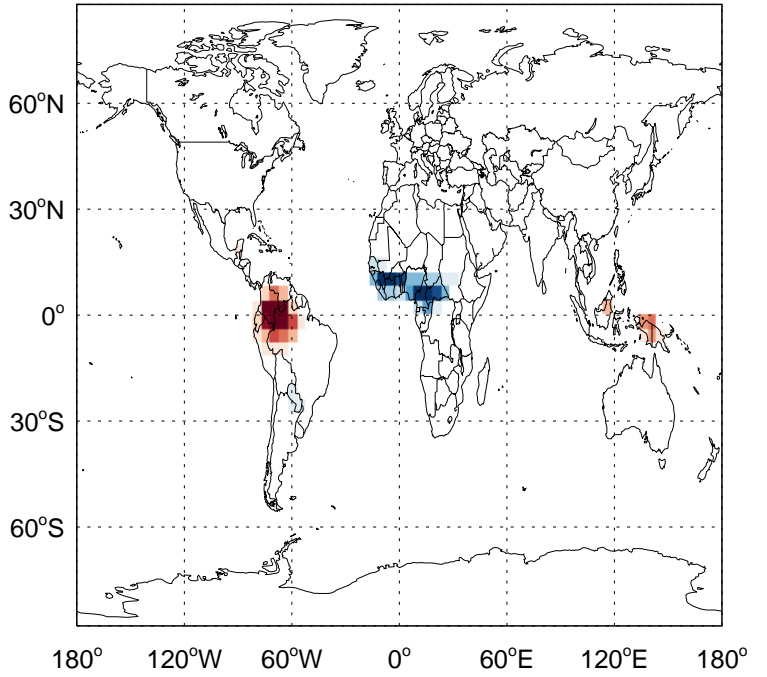
v11-02d - v11-02c

PRPE - Diff @ Surface for Oct



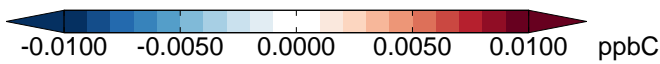
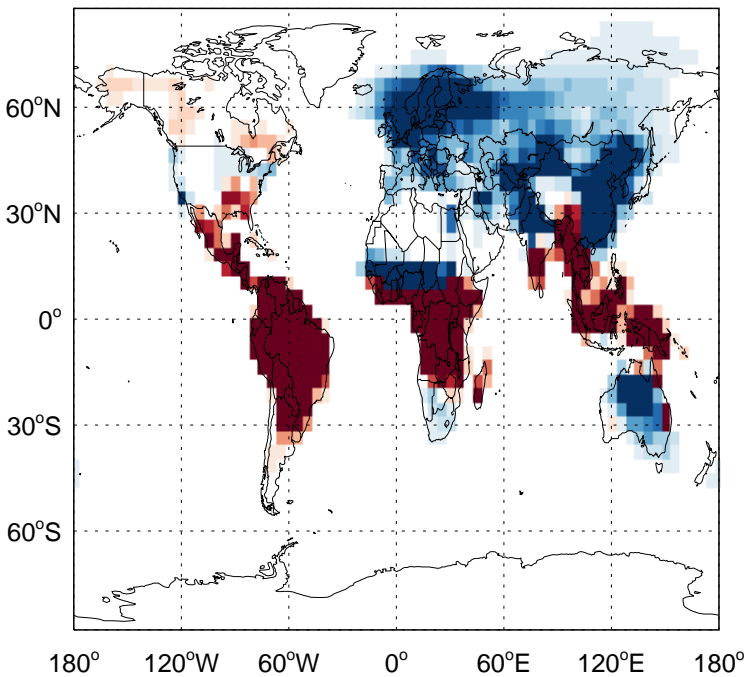
v11-02d - v11-02c

PRPE- Diff @ 500 hPa for Oct



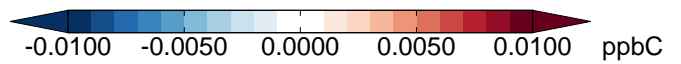
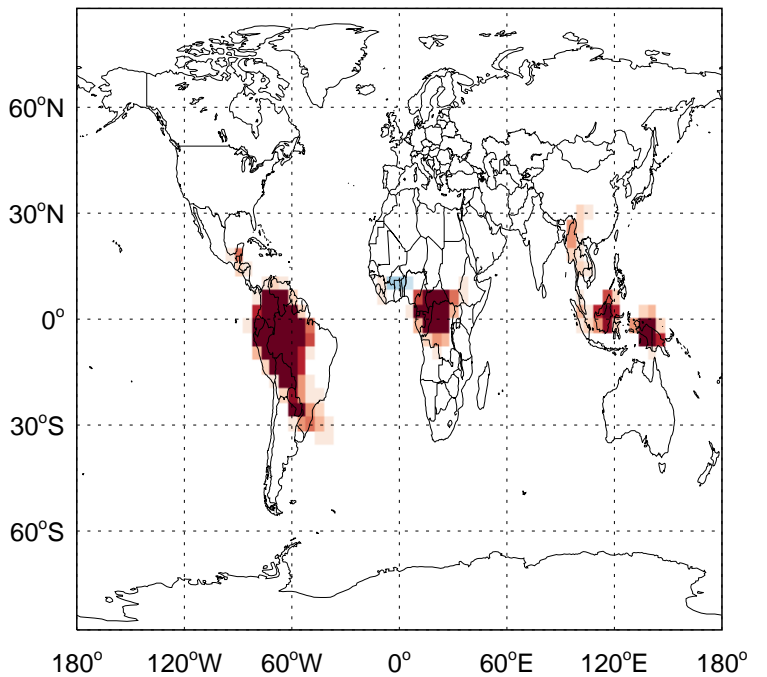
v11-02d - v11-02a

PRPE - Diff @ Surface for Oct



v11-02d - v11-02a

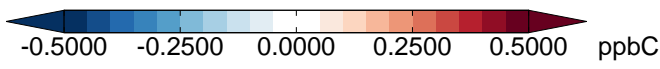
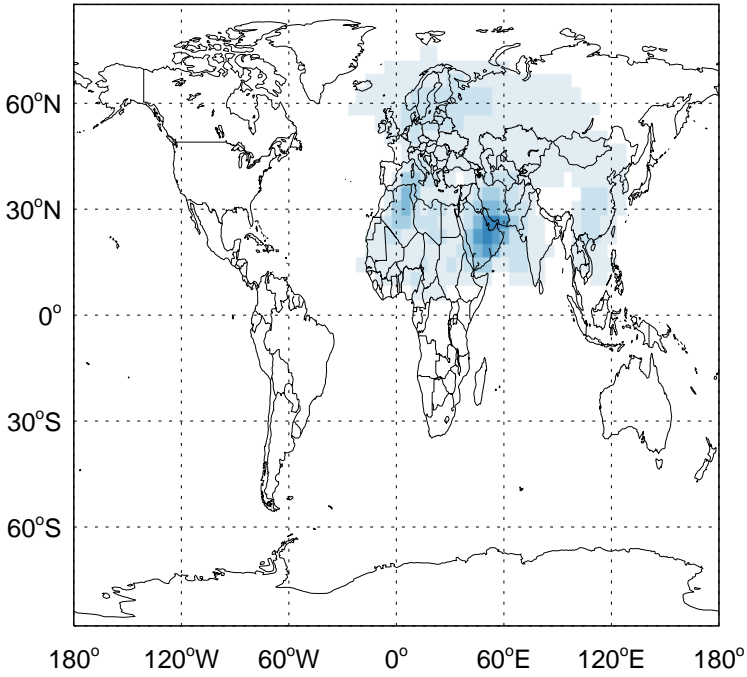
PRPE- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

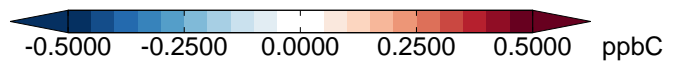
v11-02d - v11-02c

C3H8 - Diff @ Surface for Oct



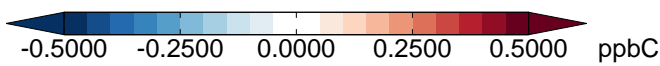
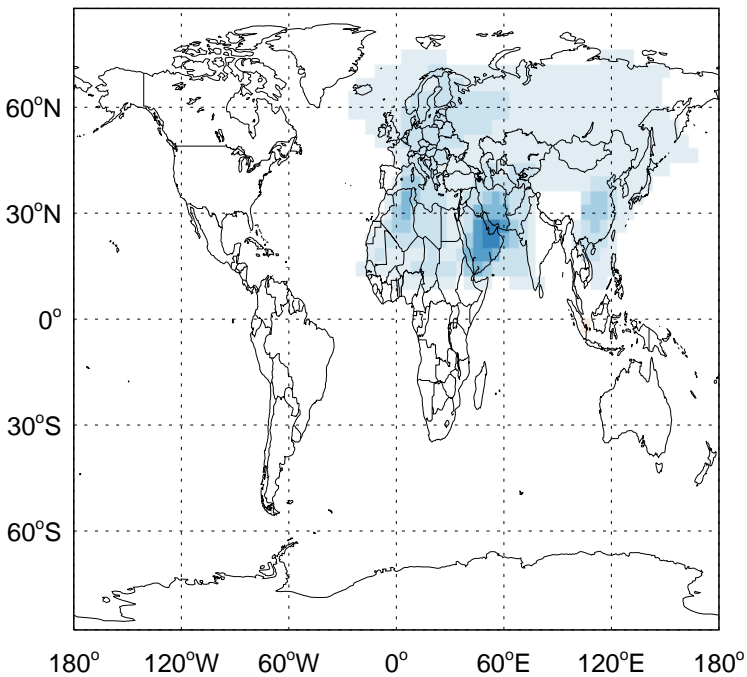
v11-02d - v11-02c

C3H8- Diff @ 500 hPa for Oct



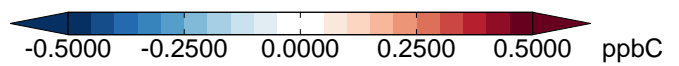
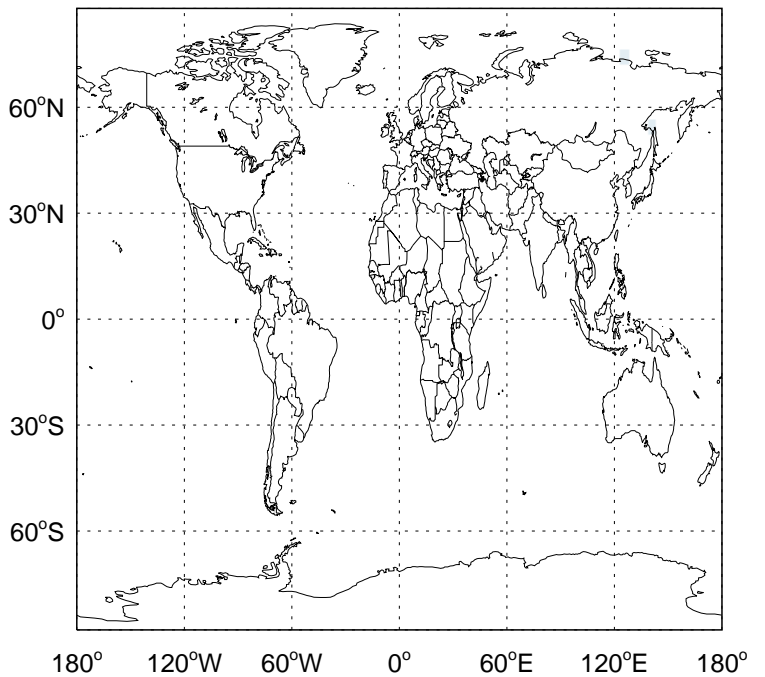
v11-02d - v11-02a

C3H8 - Diff @ Surface for Oct



v11-02d - v11-02a

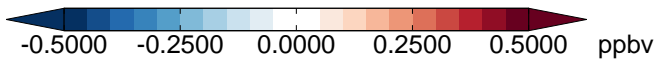
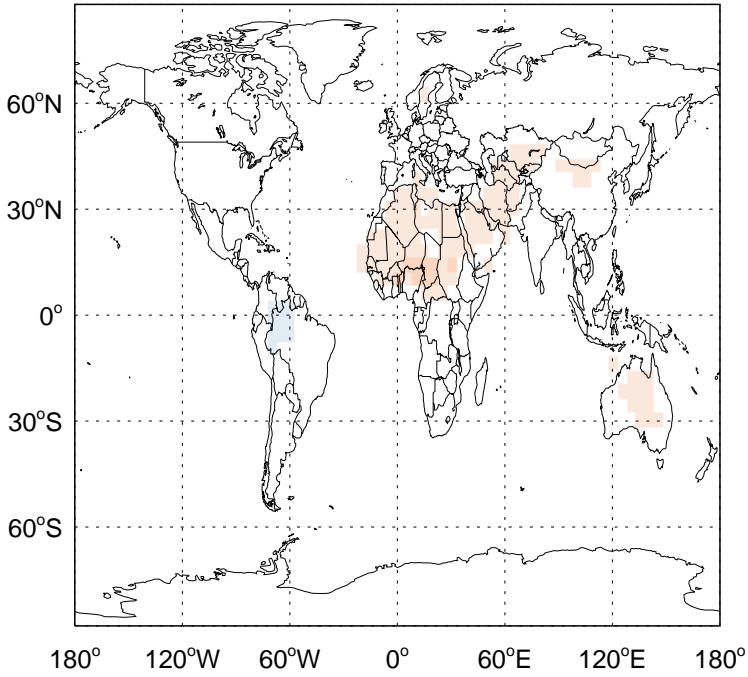
C3H8- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

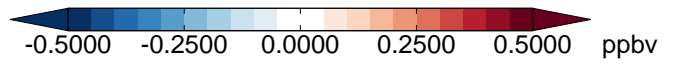
v11-02d - v11-02c

CH<sub>2</sub>O - Diff @ Surface for Oct



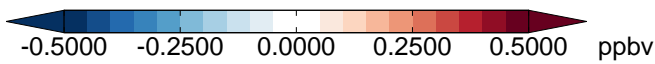
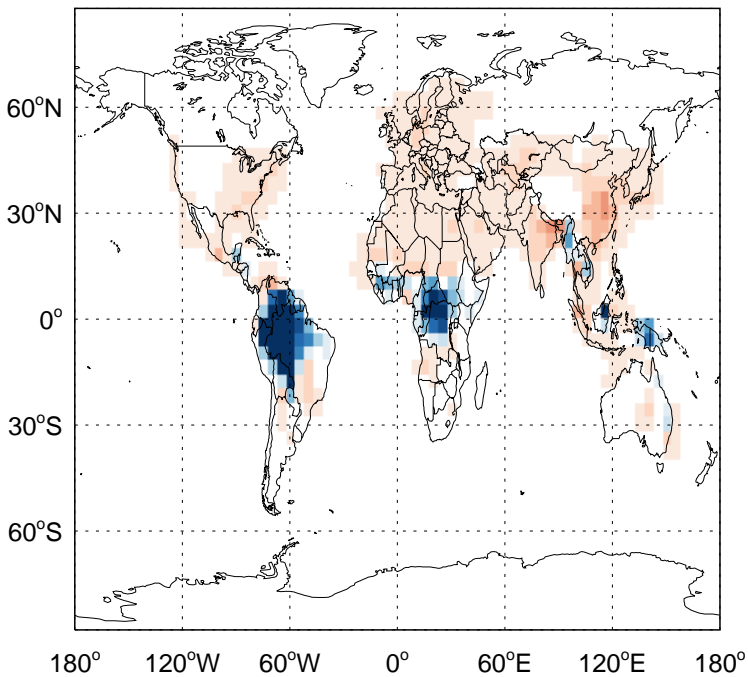
v11-02d - v11-02c

CH<sub>2</sub>O - Diff @ 500 hPa for Oct



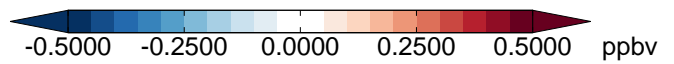
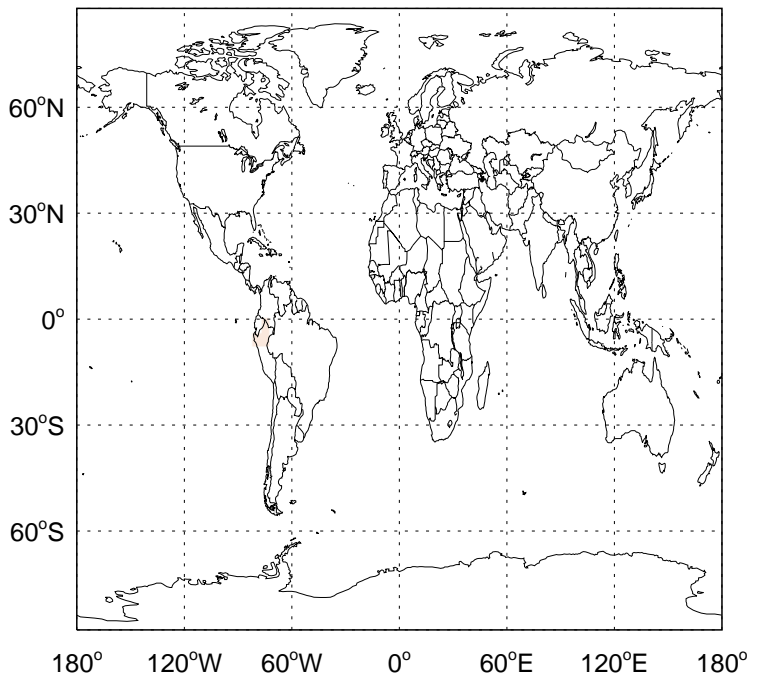
v11-02d - v11-02a

CH<sub>2</sub>O - Diff @ Surface for Oct



v11-02d - v11-02a

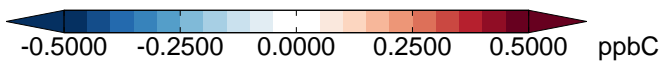
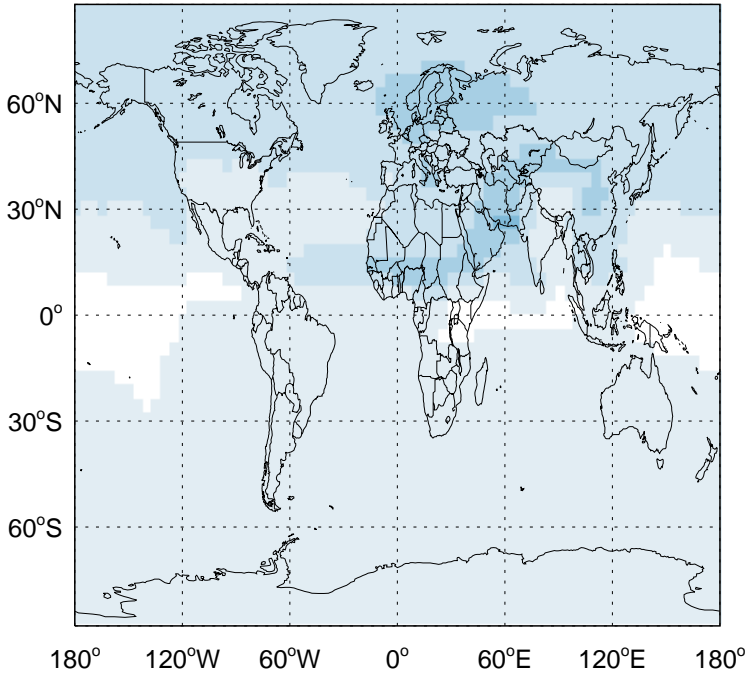
CH<sub>2</sub>O - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

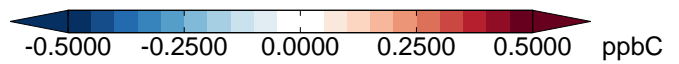
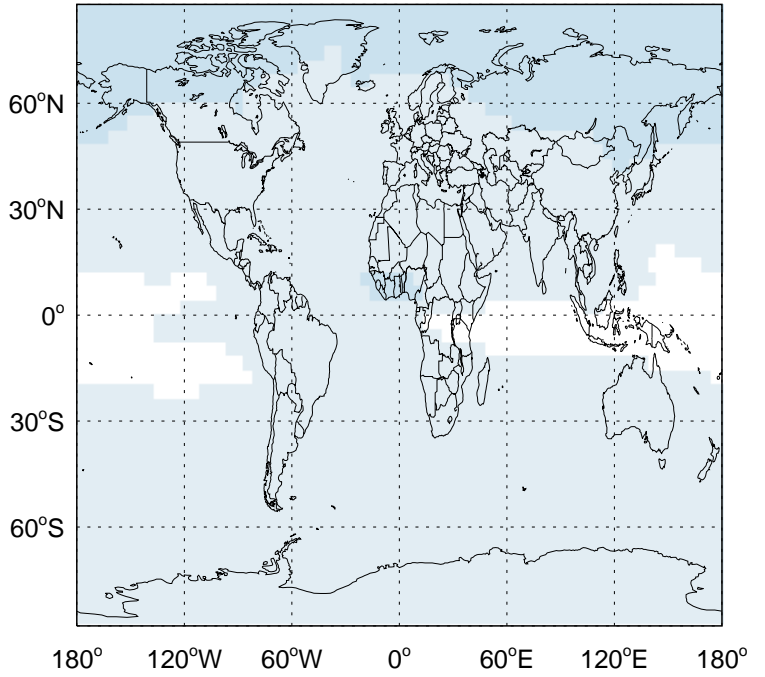
v11-02d - v11-02c

C2H6 - Diff @ Surface for Oct



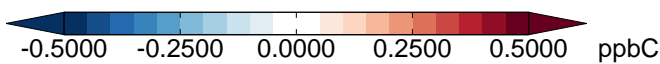
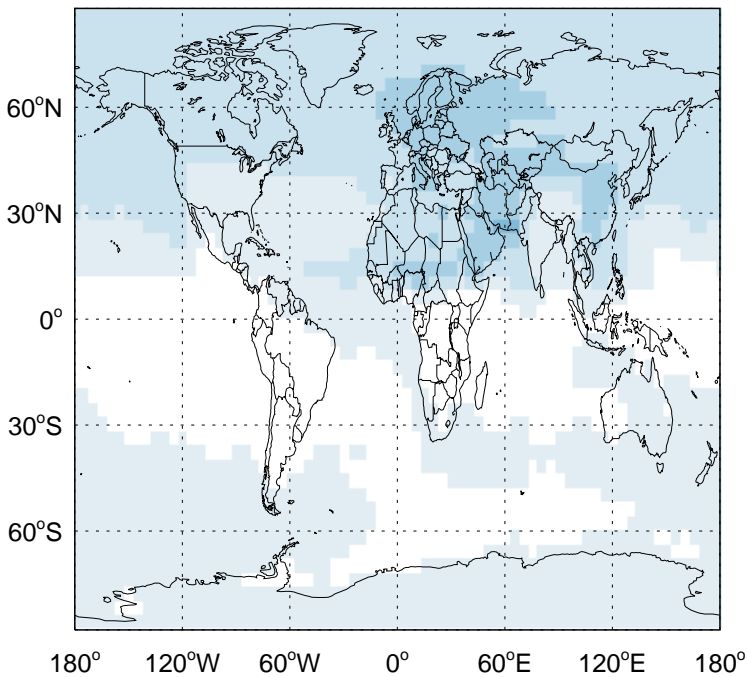
v11-02d - v11-02c

C2H6- Diff @ 500 hPa for Oct



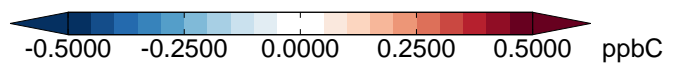
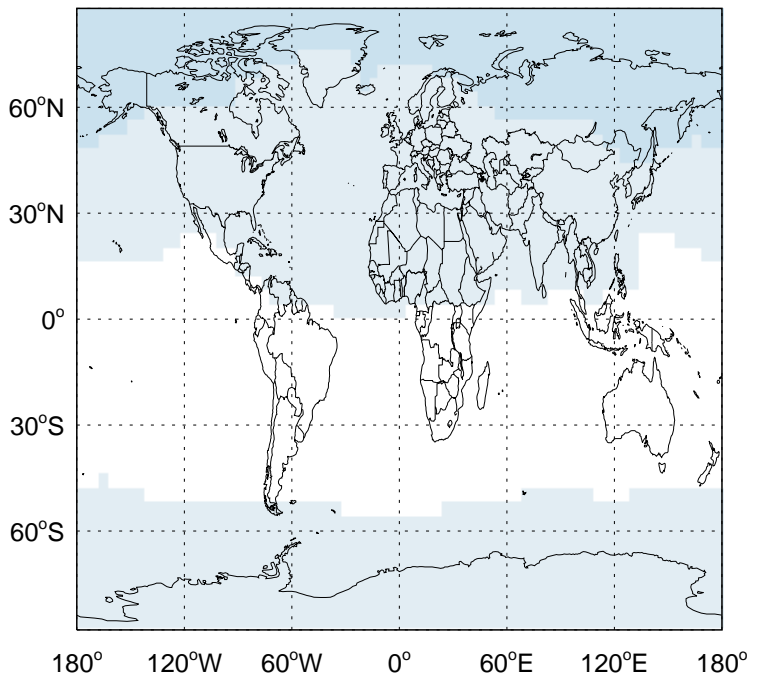
v11-02d - v11-02a

C2H6 - Diff @ Surface for Oct



v11-02d - v11-02a

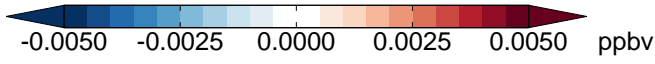
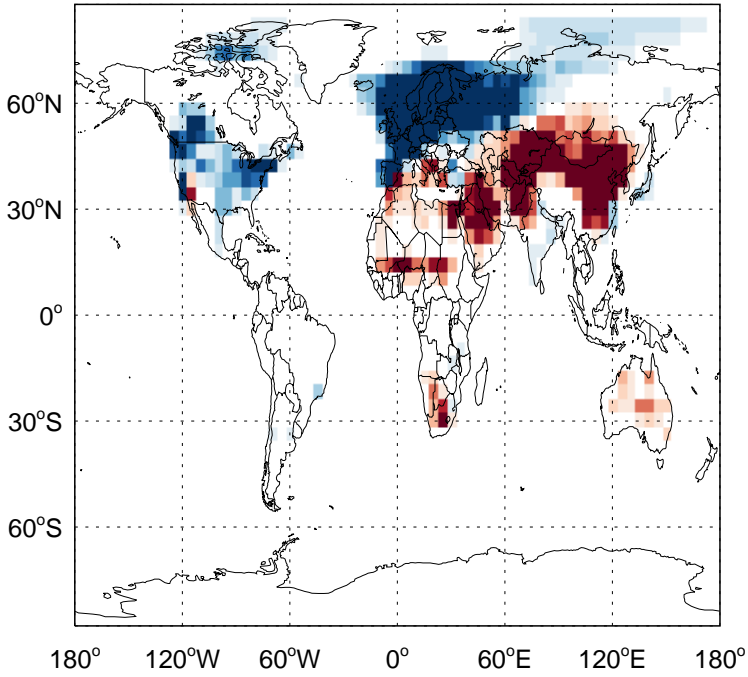
C2H6- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

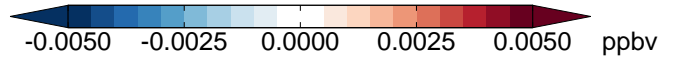
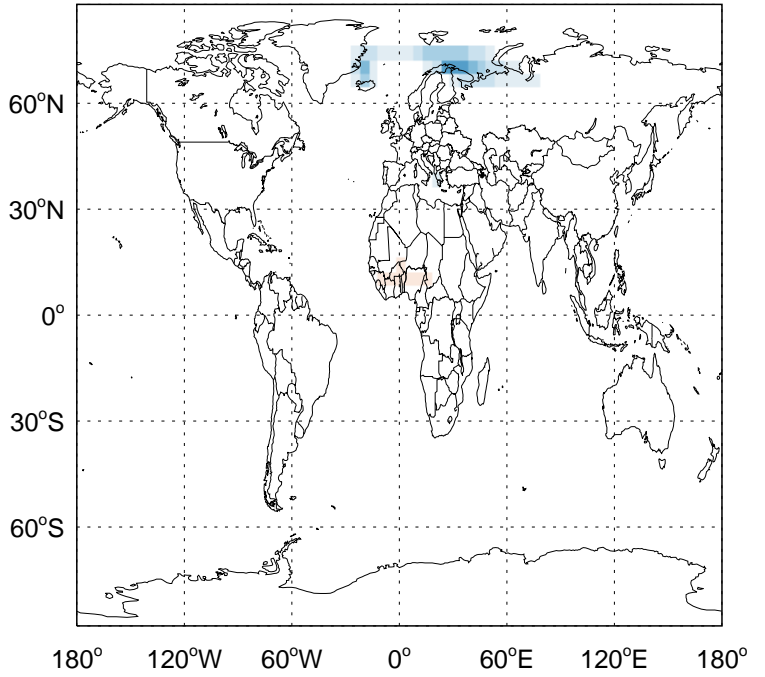
v11-02d - v11-02c

N2O5 - Diff @ Surface for Oct



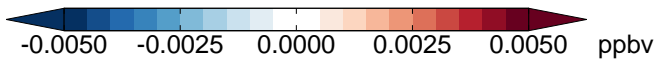
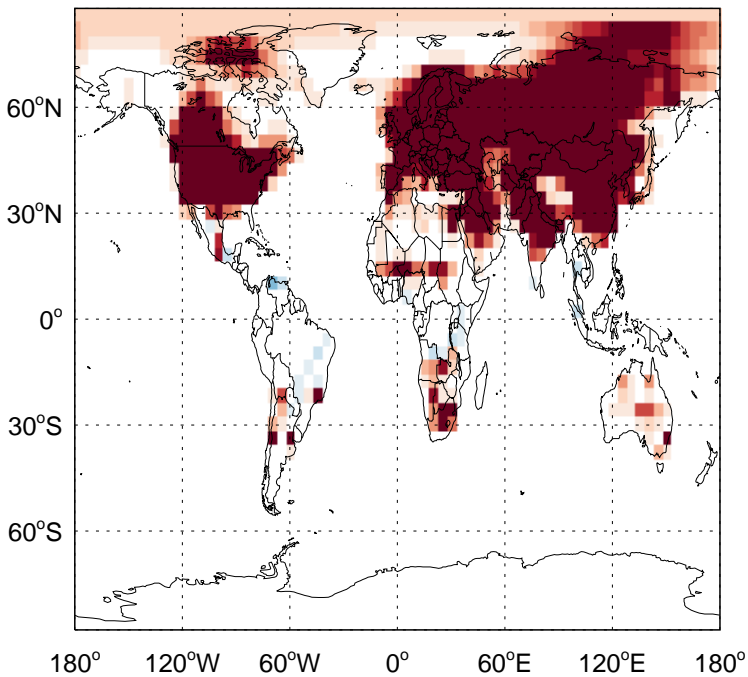
v11-02d - v11-02c

N2O5- Diff @ 500 hPa for Oct



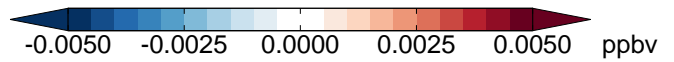
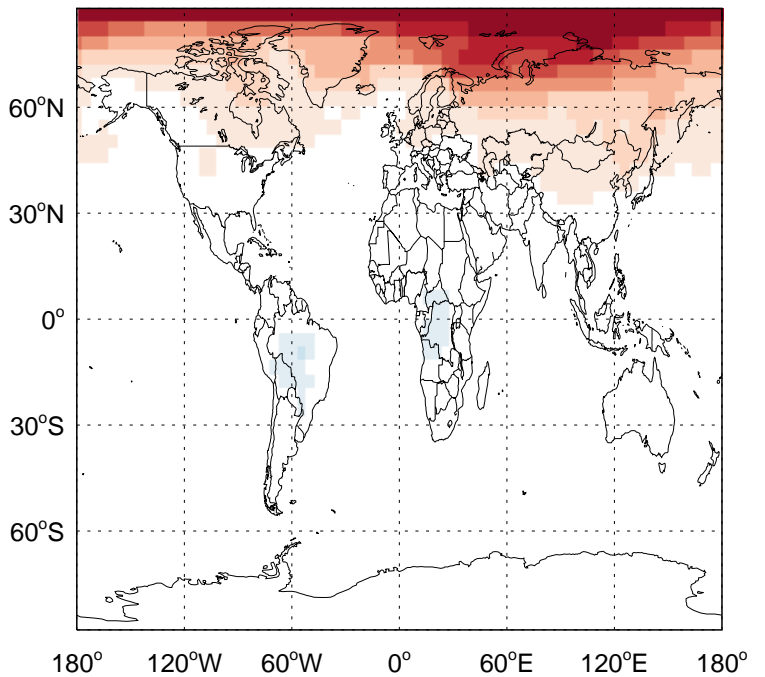
v11-02d - v11-02a

N2O5 - Diff @ Surface for Oct



v11-02d - v11-02a

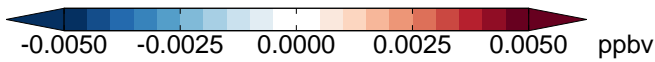
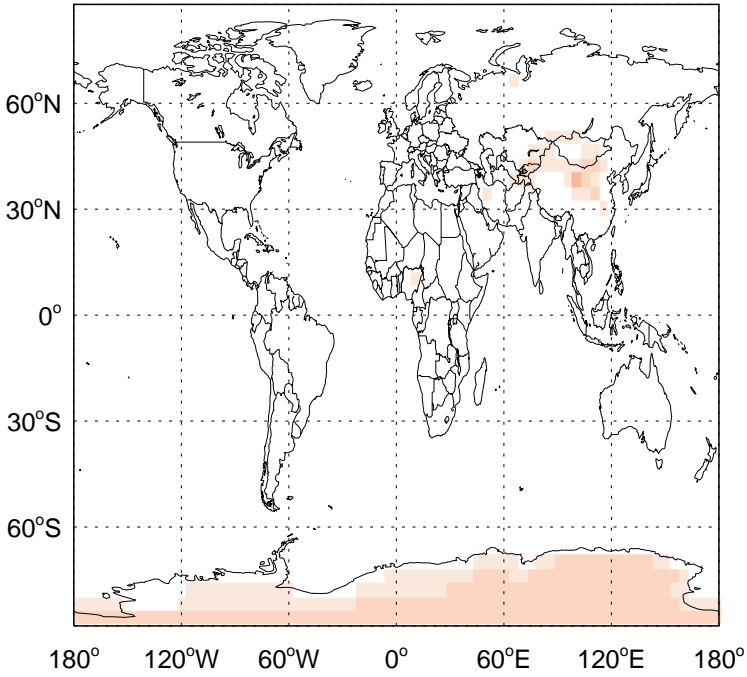
N2O5- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

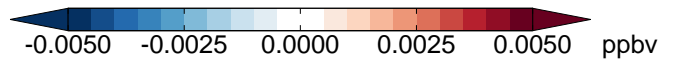
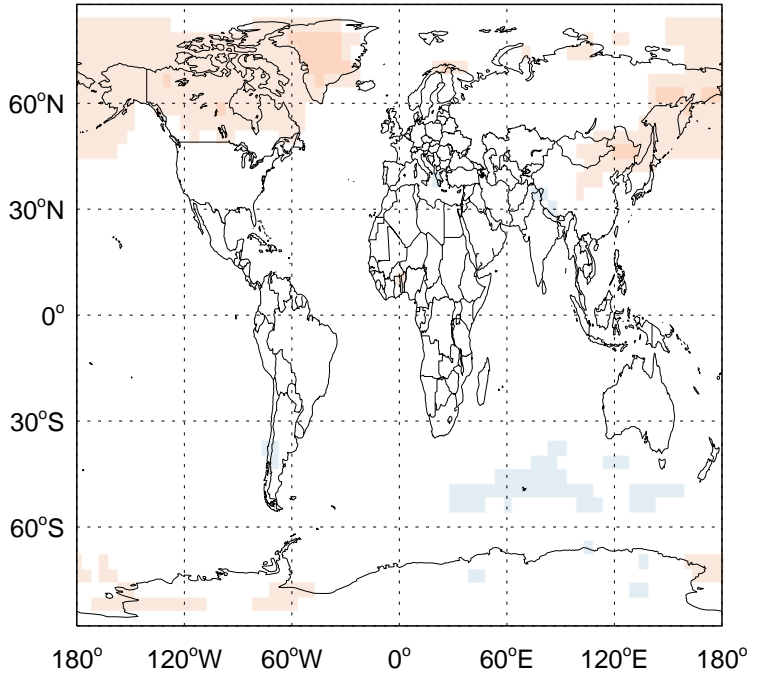
v11-02d - v11-02c

HNO<sub>4</sub> - Diff @ Surface for Oct



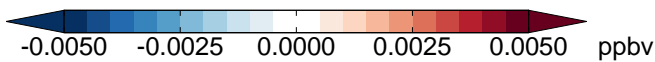
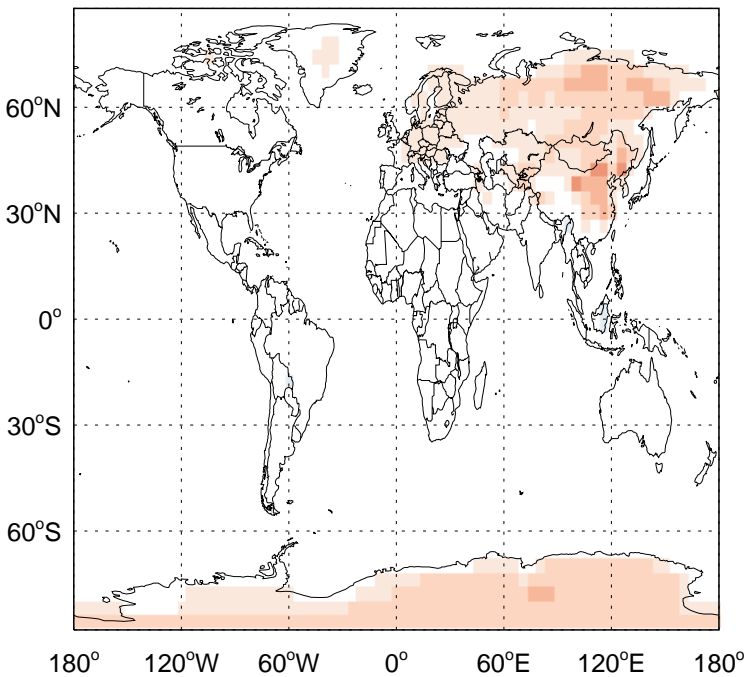
v11-02d - v11-02c

HNO<sub>4</sub>- Diff @ 500 hPa for Oct



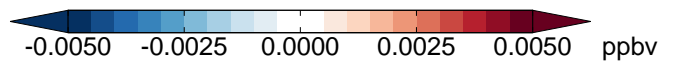
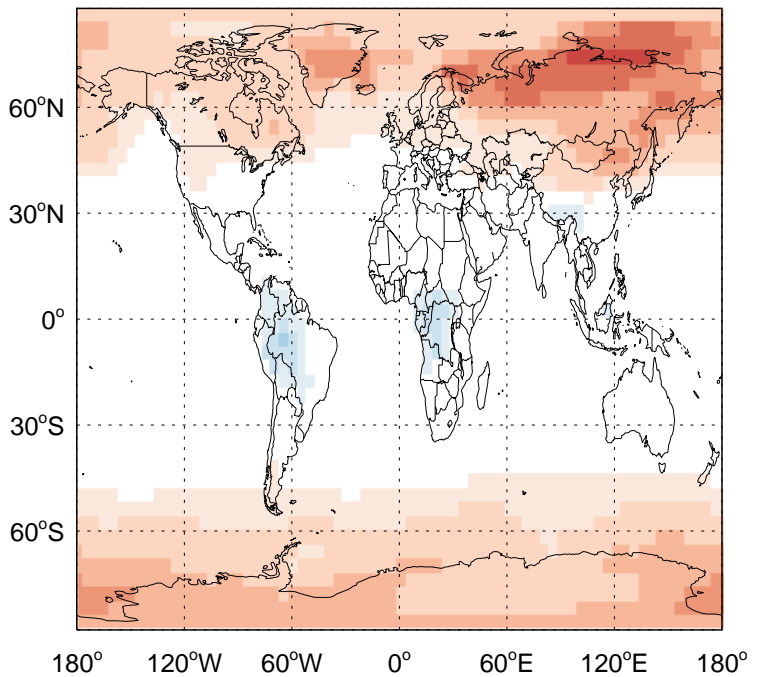
v11-02d - v11-02a

HNO<sub>4</sub> - Diff @ Surface for Oct



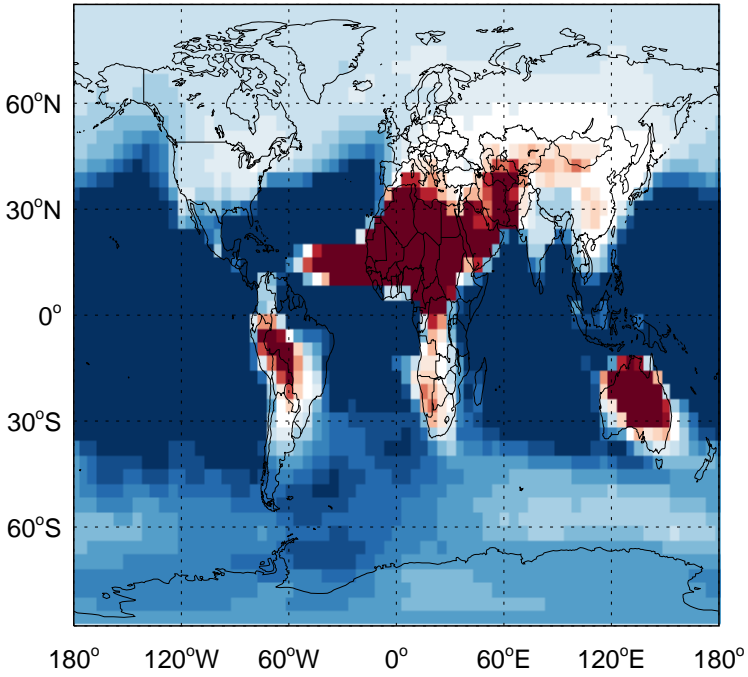
v11-02d - v11-02a

HNO<sub>4</sub>- Diff @ 500 hPa for Oct

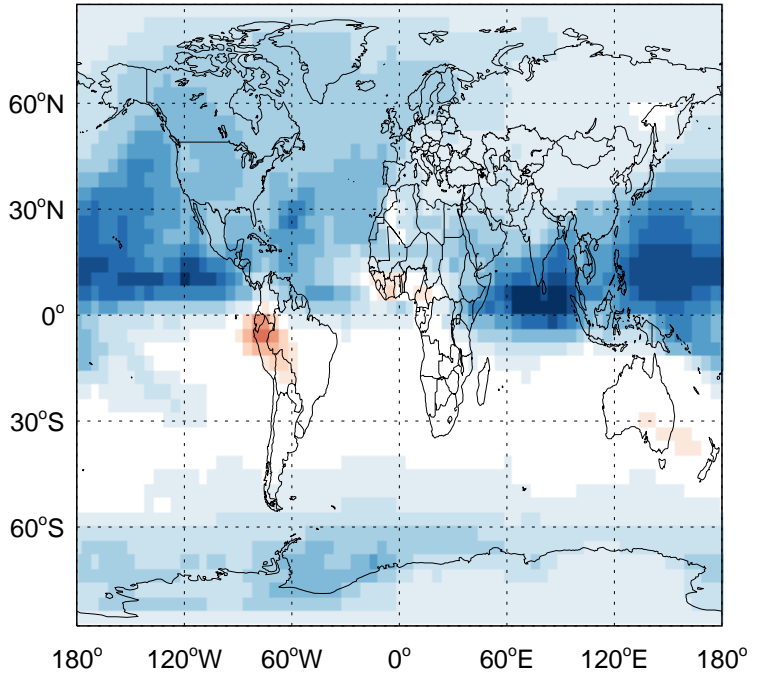


# GEOS-Chem Difference Maps at surface and 500 hPa

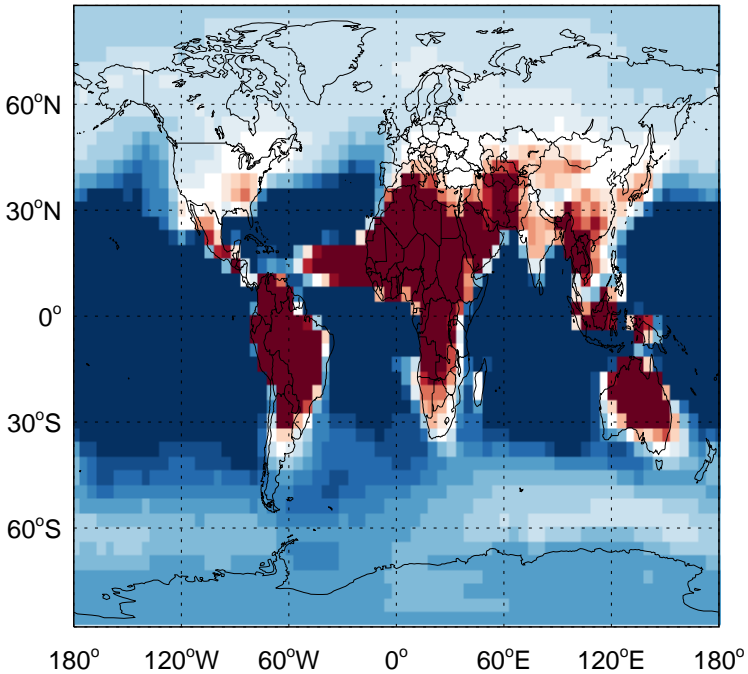
v11-02d - v11-02c  
MP - Diff @ Surface for Oct



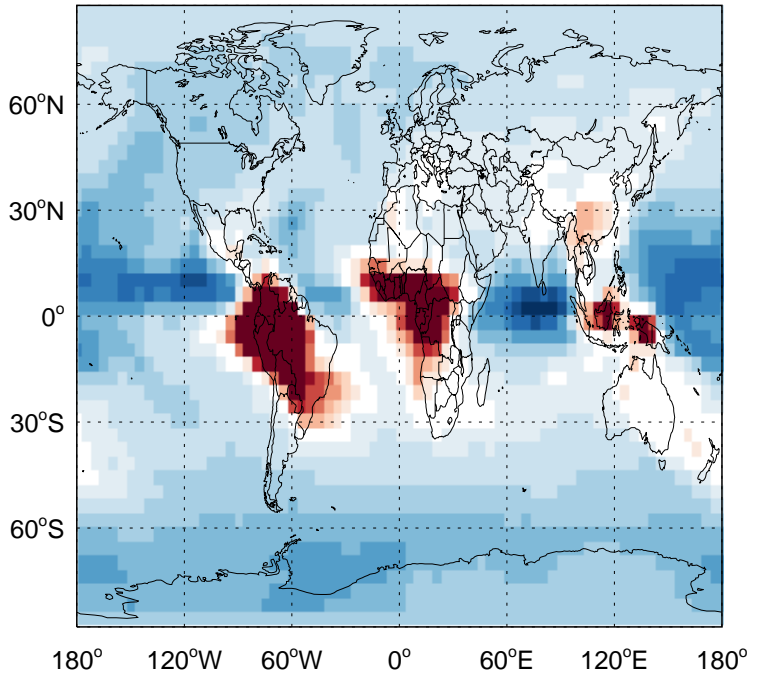
v11-02d - v11-02c  
MP - Diff @ 500 hPa for Oct



v11-02d - v11-02a  
MP - Diff @ Surface for Oct



v11-02d - v11-02a  
MP - Diff @ 500 hPa for Oct

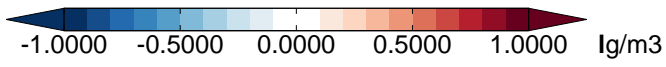




# GEOS-Chem Difference Maps at surface and 500 hPa

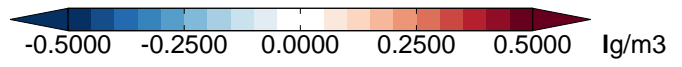
v11-02d - v11-02c

DMS - Diff @ Surface for Oct



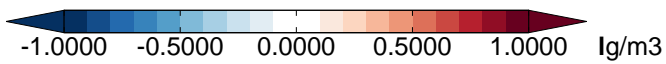
v11-02d - v11-02c

DMS- Diff @ 500 hPa for Oct



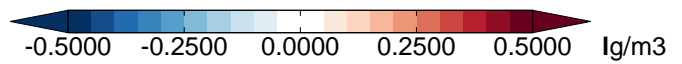
v11-02d - v11-02a

DMS - Diff @ Surface for Oct



v11-02d - v11-02a

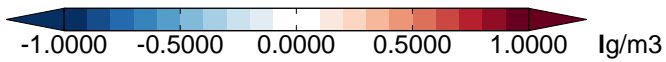
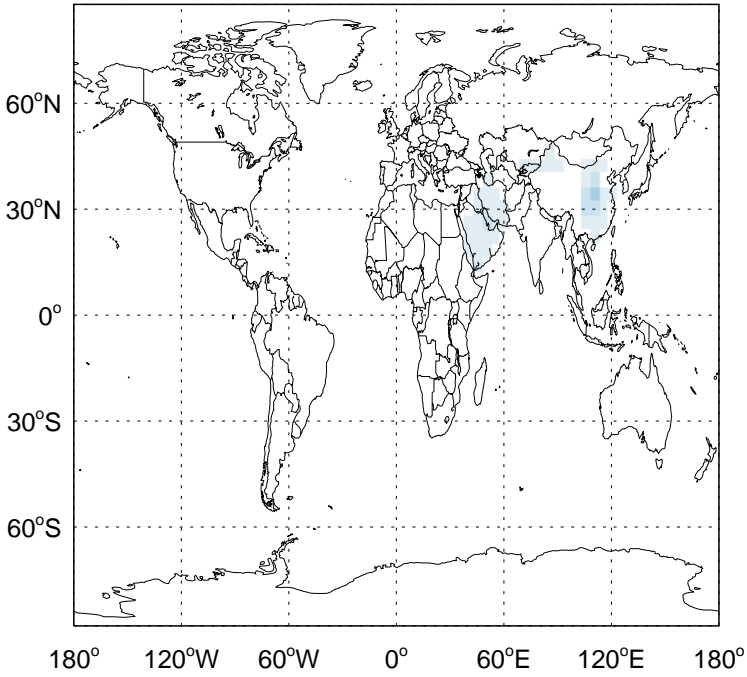
DMS- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

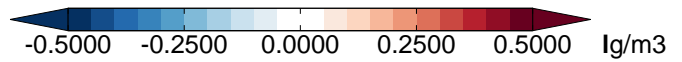
v11-02d - v11-02c

SO<sub>2</sub> - Diff @ Surface for Oct



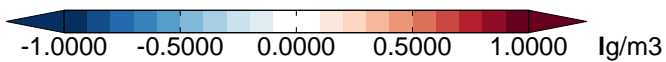
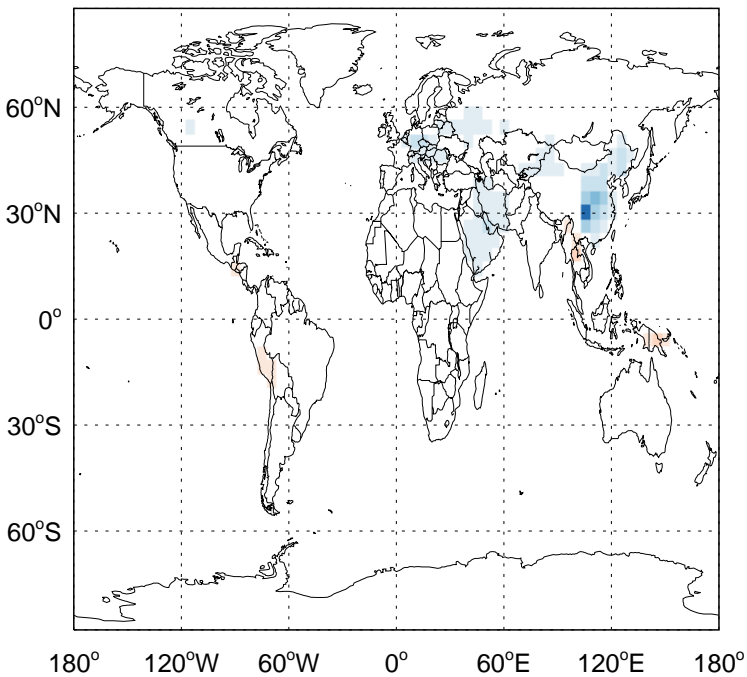
v11-02d - v11-02c

SO<sub>2</sub>- Diff @ 500 hPa for Oct



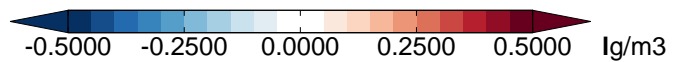
v11-02d - v11-02a

SO<sub>2</sub> - Diff @ Surface for Oct



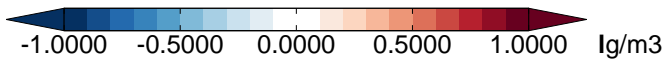
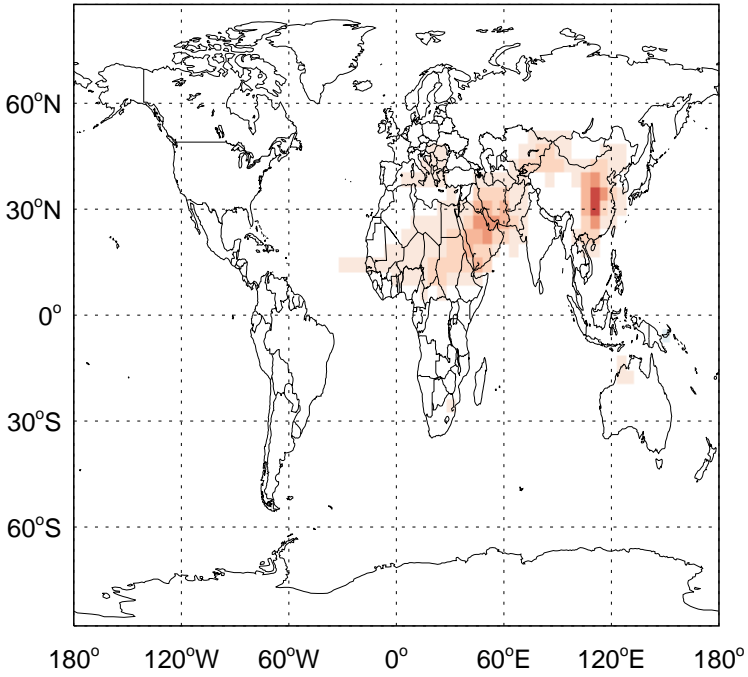
v11-02d - v11-02a

SO<sub>2</sub>- Diff @ 500 hPa for Oct

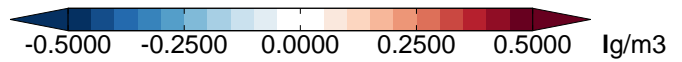
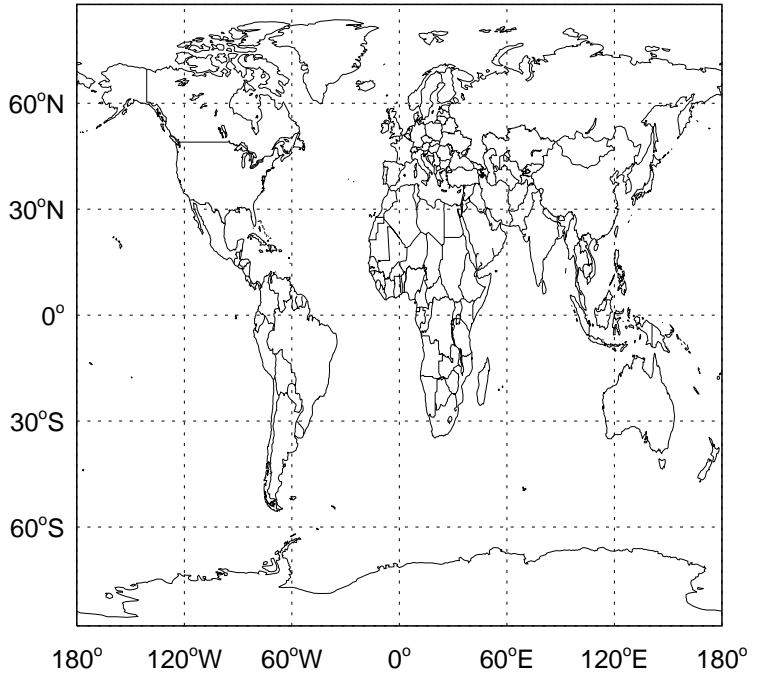


# GEOS-Chem Difference Maps at surface and 500 hPa

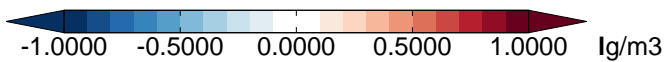
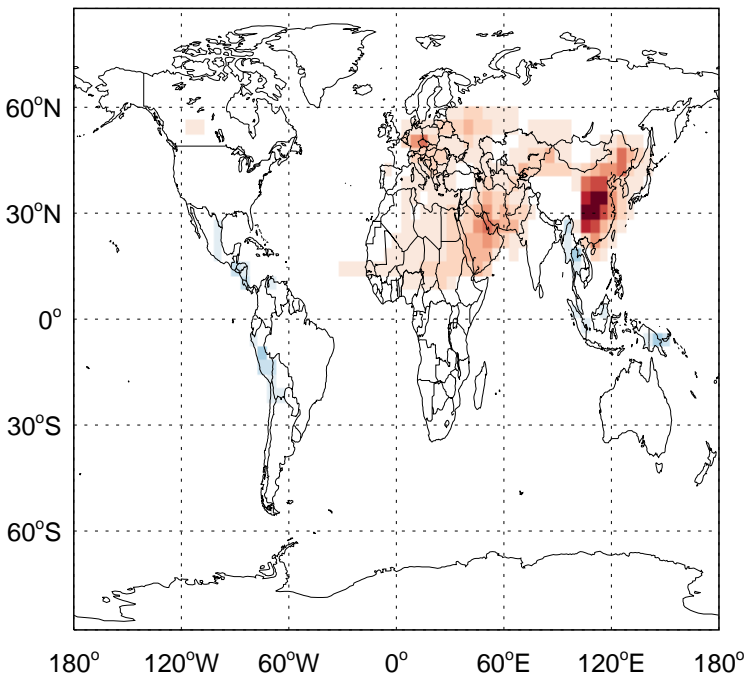
v11-02d - v11-02c  
SO<sub>4</sub> - Diff @ Surface for Oct



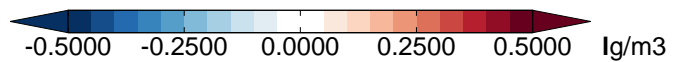
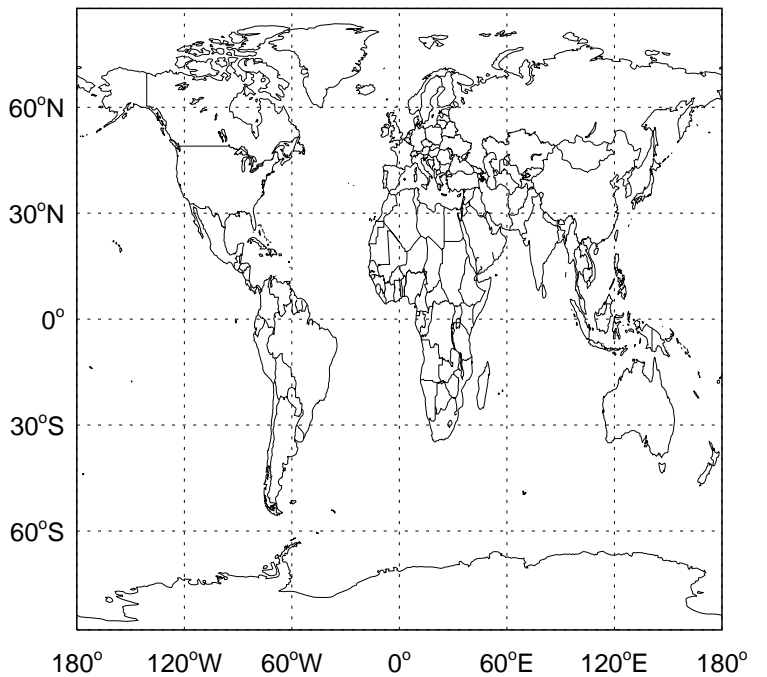
v11-02d - v11-02c  
SO<sub>4</sub> - Diff @ 500 hPa for Oct



v11-02d - v11-02a  
SO<sub>4</sub> - Diff @ Surface for Oct



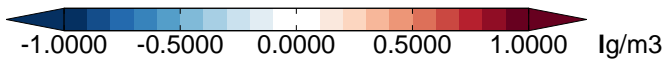
v11-02d - v11-02a  
SO<sub>4</sub> - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

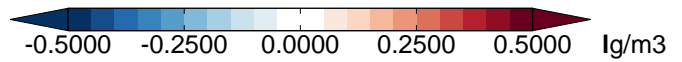
v11-02d - v11-02c

SO4s - Diff @ Surface for Oct



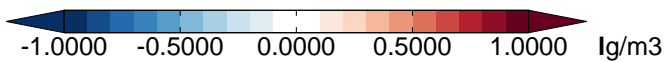
v11-02d - v11-02c

SO4s- Diff @ 500 hPa for Oct



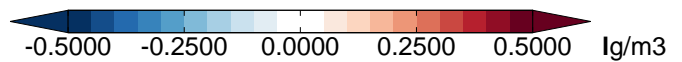
v11-02d - v11-02a

SO4s - Diff @ Surface for Oct



v11-02d - v11-02a

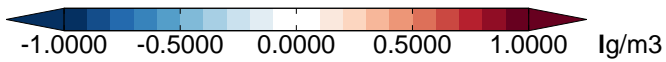
SO4s- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

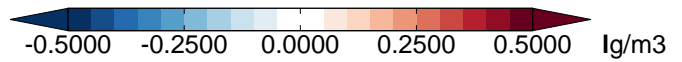
v11-02d - v11-02c

MSA - Diff @ Surface for Oct



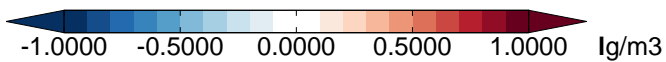
v11-02d - v11-02c

MSA- Diff @ 500 hPa for Oct



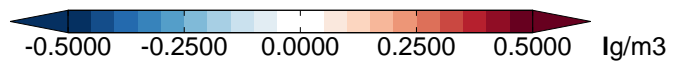
v11-02d - v11-02a

MSA - Diff @ Surface for Oct



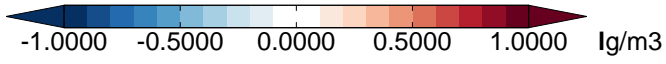
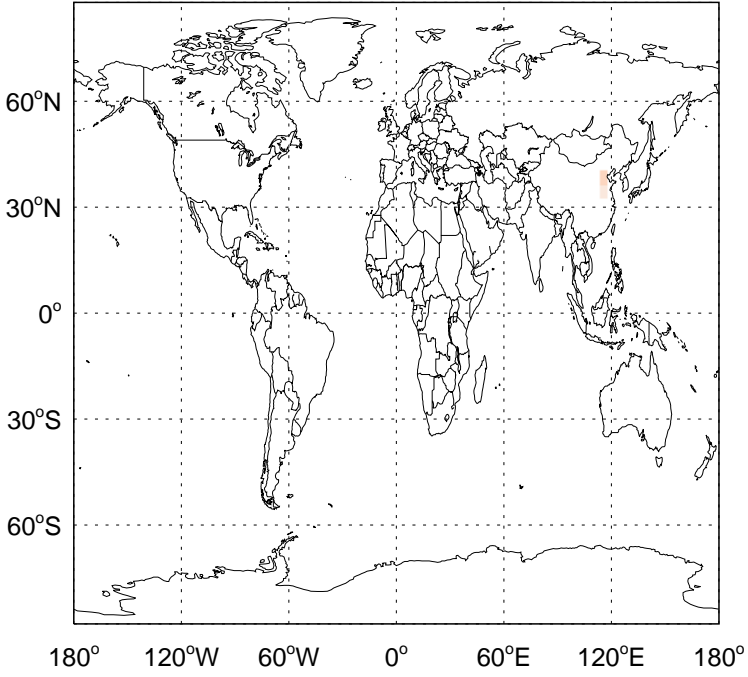
v11-02d - v11-02a

MSA- Diff @ 500 hPa for Oct

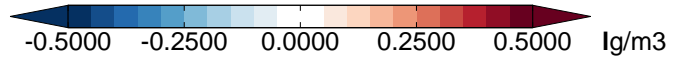
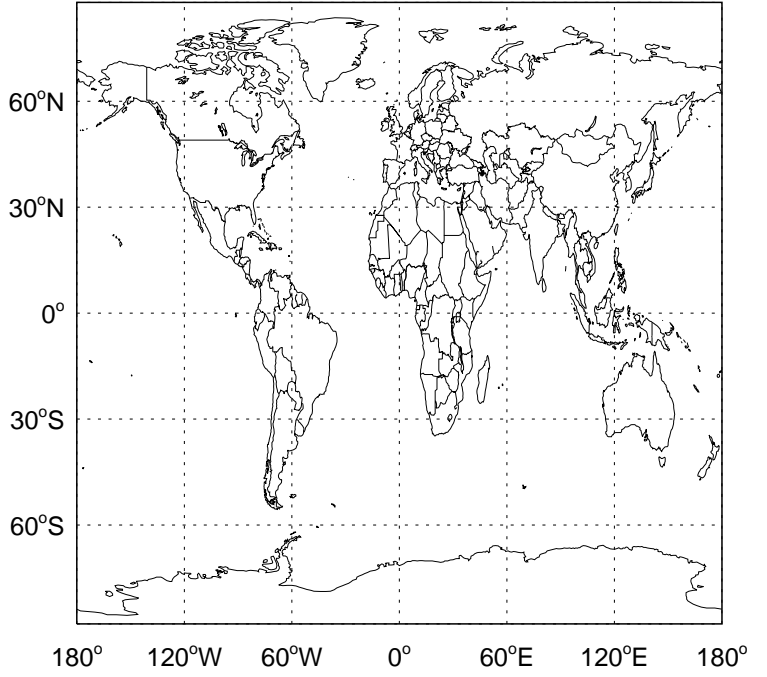


# GEOS-Chem Difference Maps at surface and 500 hPa

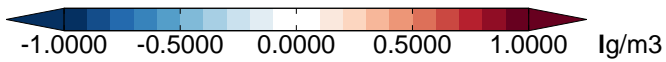
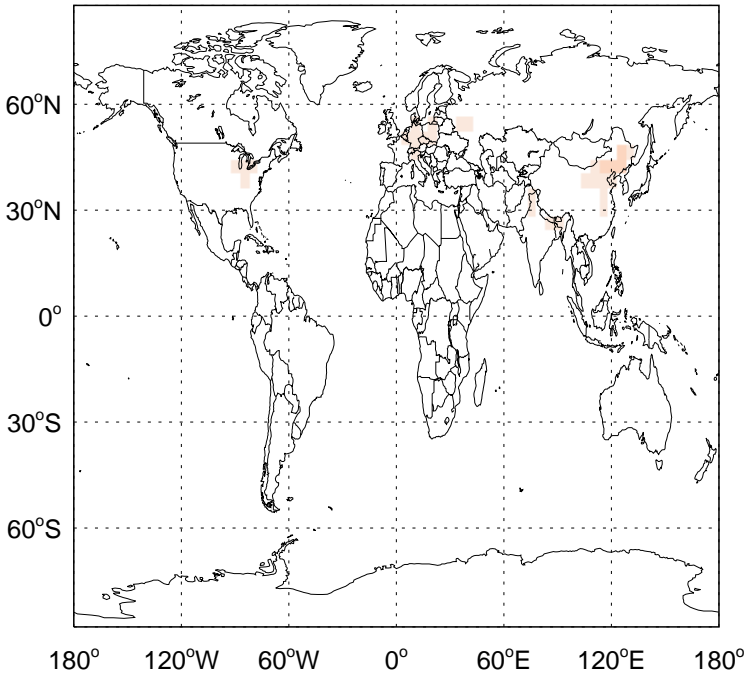
v11-02d - v11-02c  
NH3 - Diff @ Surface for Oct



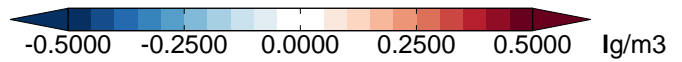
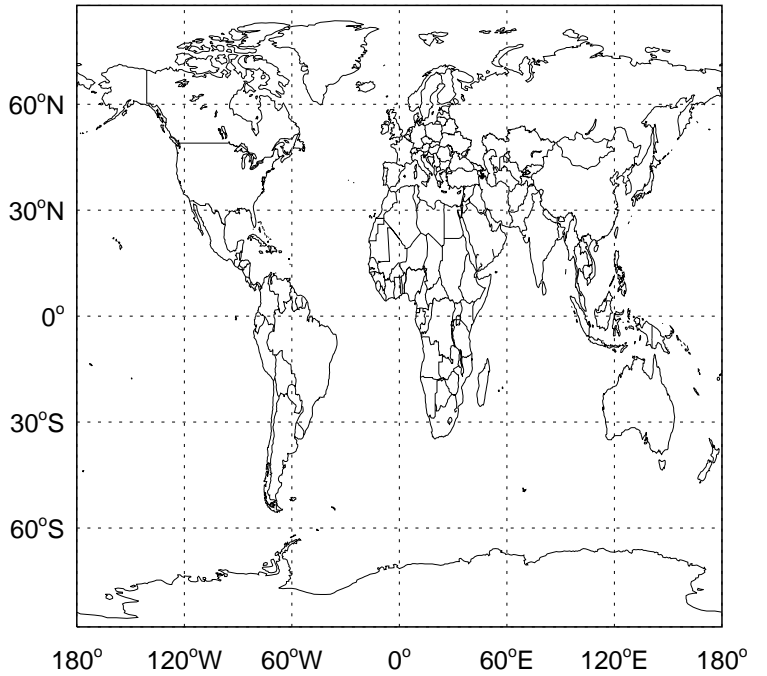
v11-02d - v11-02c  
NH3- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
NH3 - Diff @ Surface for Oct



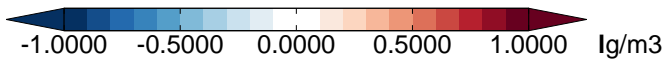
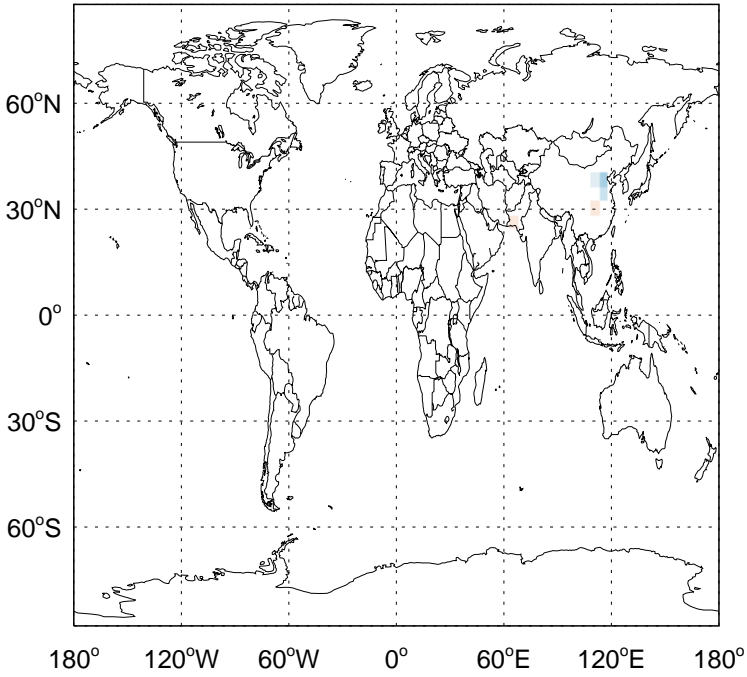
v11-02d - v11-02a  
NH3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

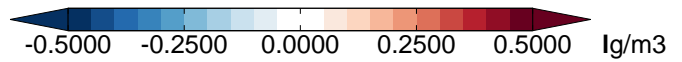
v11-02d - v11-02c

NH4 - Diff @ Surface for Oct



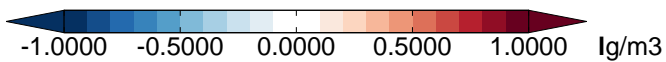
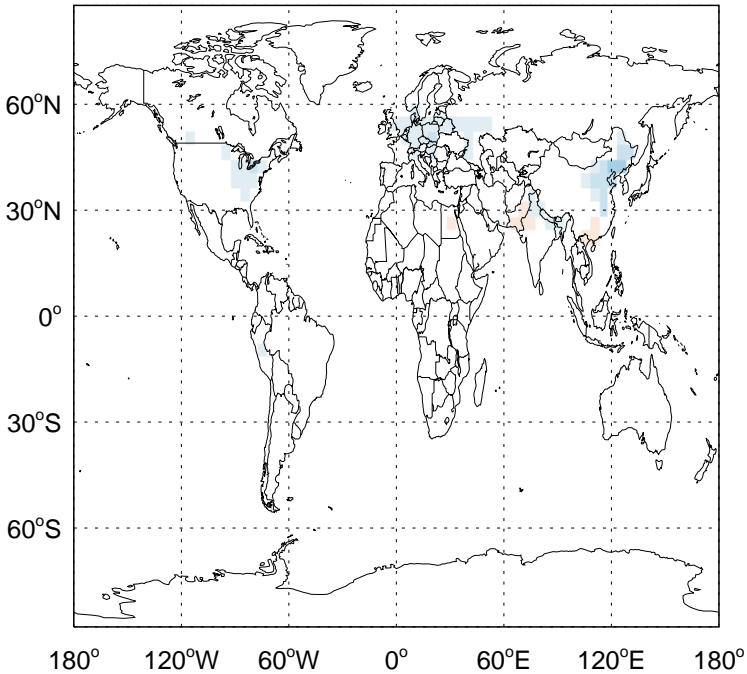
v11-02d - v11-02c

NH4- Diff @ 500 hPa for Oct



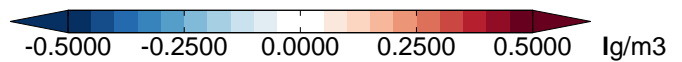
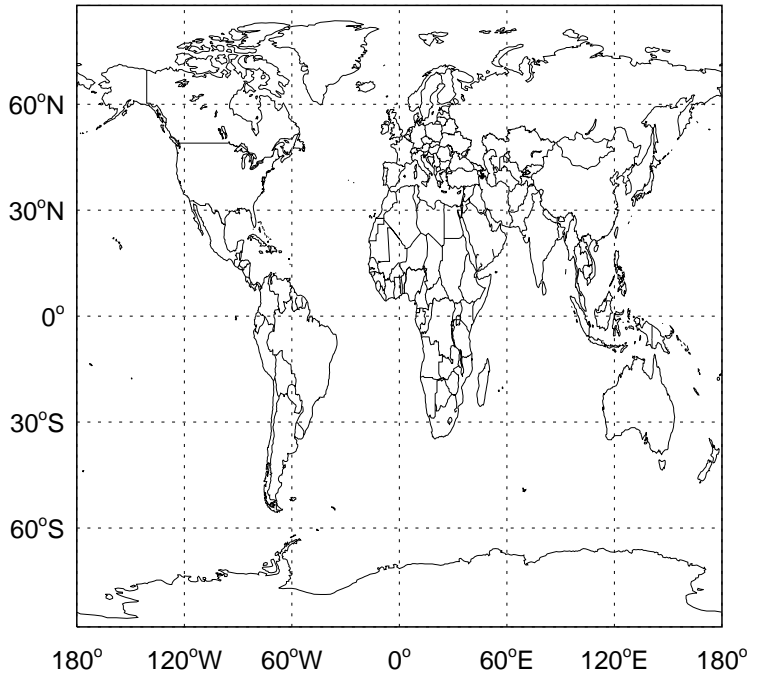
v11-02d - v11-02a

NH4 - Diff @ Surface for Oct



v11-02d - v11-02a

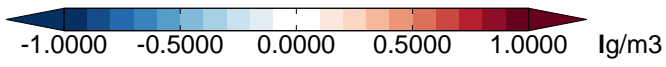
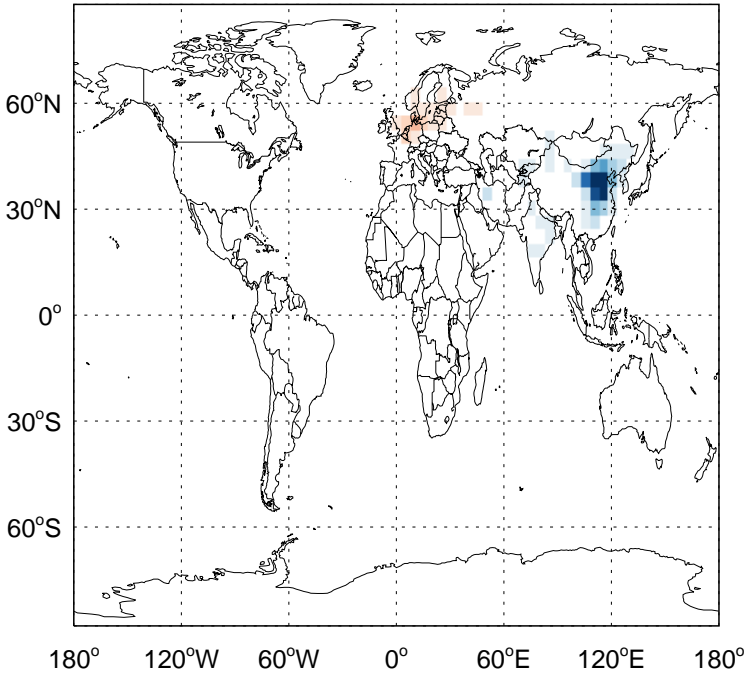
NH4- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

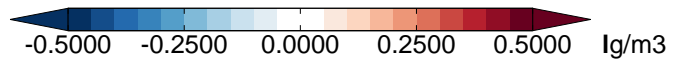
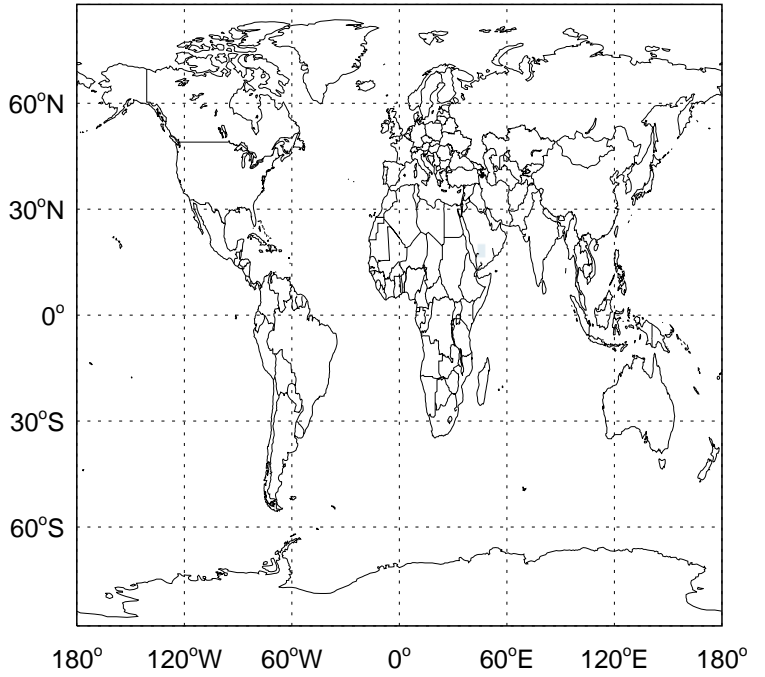
v11-02d - v11-02c

NIT - Diff @ Surface for Oct



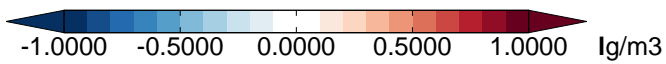
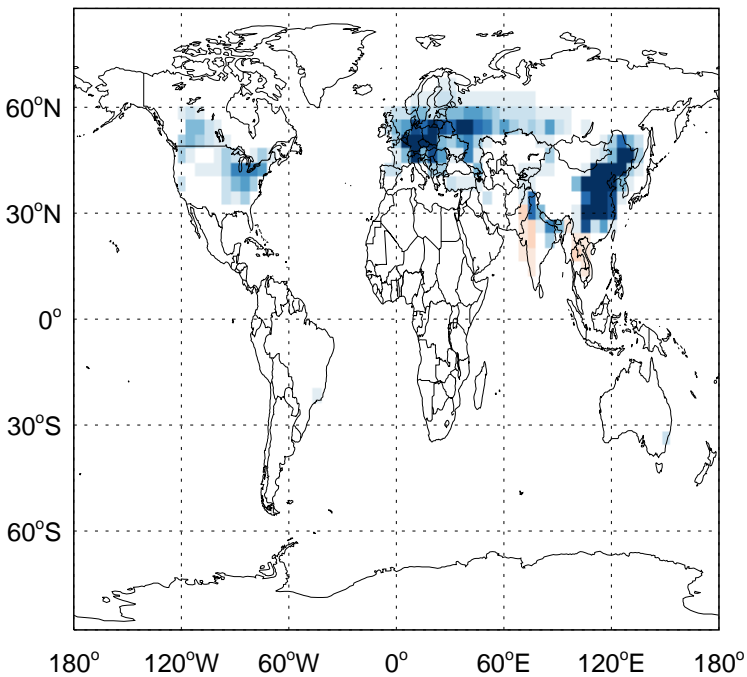
v11-02d - v11-02c

NIT- Diff @ 500 hPa for Oct



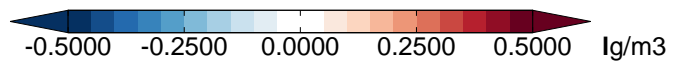
v11-02d - v11-02a

NIT - Diff @ Surface for Oct



v11-02d - v11-02a

NIT- Diff @ 500 hPa for Oct

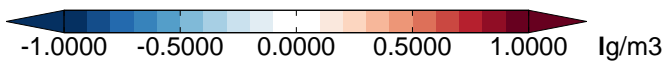
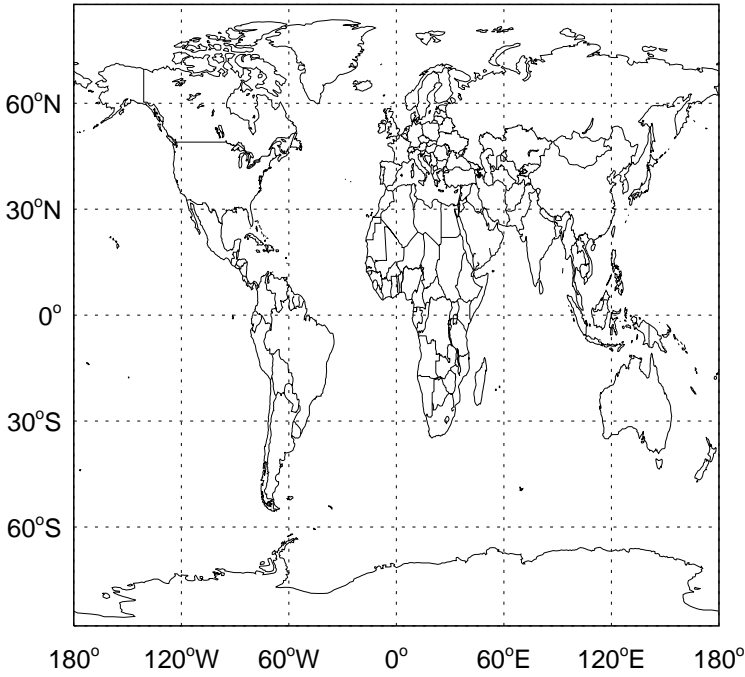




# GEOS-Chem Difference Maps at surface and 500 hPa

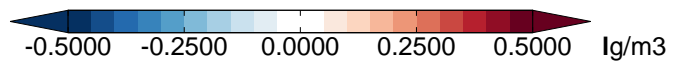
v11-02d - v11-02c

NITs - Diff @ Surface for Oct



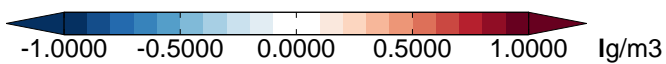
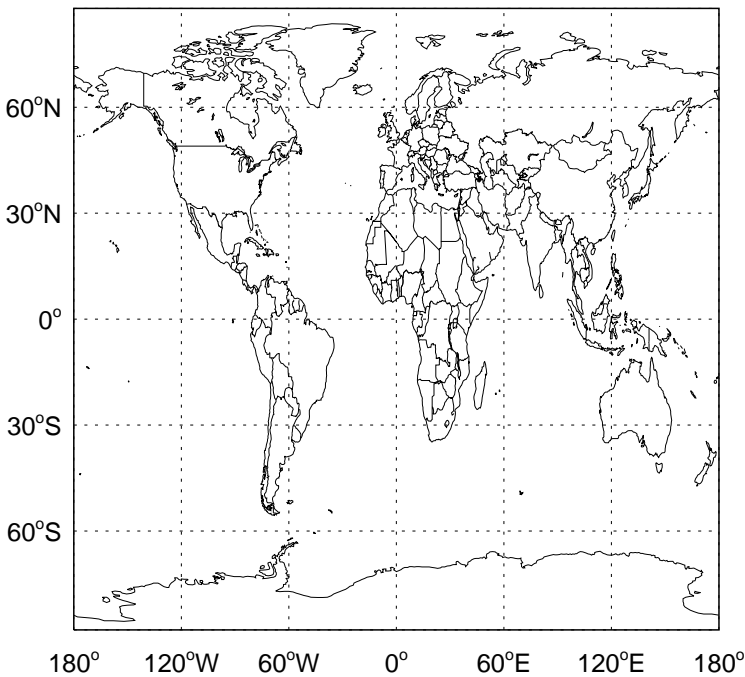
v11-02d - v11-02c

NITs- Diff @ 500 hPa for Oct



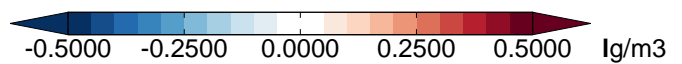
v11-02d - v11-02a

NITs - Diff @ Surface for Oct



v11-02d - v11-02a

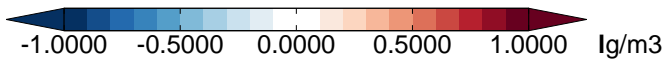
NITs- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

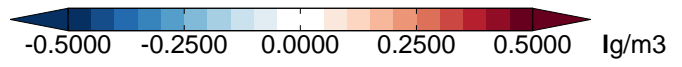
v11-02d - v11-02c

BCPI - Diff @ Surface for Oct



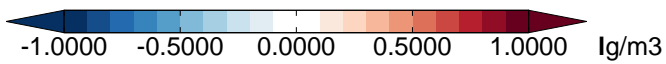
v11-02d - v11-02c

BCPI - Diff @ 500 hPa for Oct



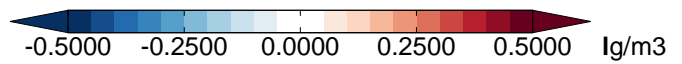
v11-02d - v11-02a

BCPI - Diff @ Surface for Oct



v11-02d - v11-02a

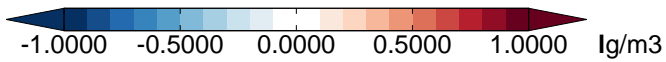
BCPI - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

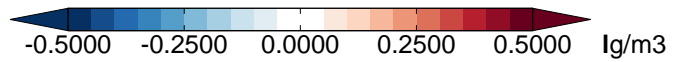
v11-02d - v11-02c

OCPI - Diff @ Surface for Oct



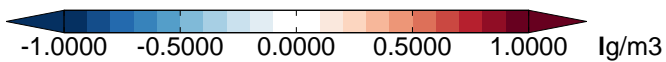
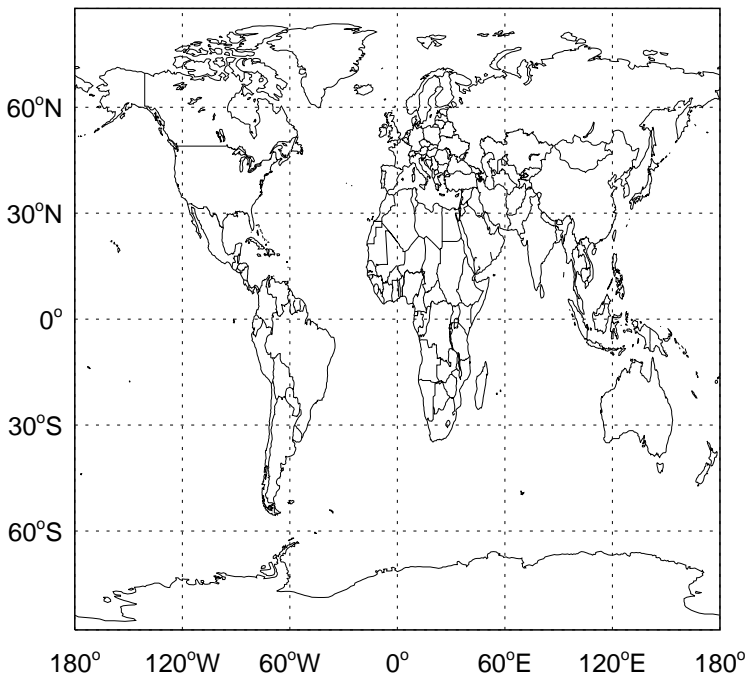
v11-02d - v11-02c

OCPI- Diff @ 500 hPa for Oct



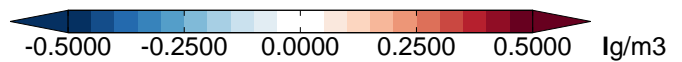
v11-02d - v11-02a

OCPI - Diff @ Surface for Oct



v11-02d - v11-02a

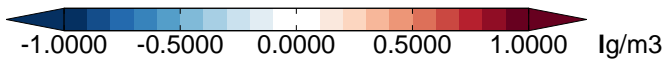
OCPI- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

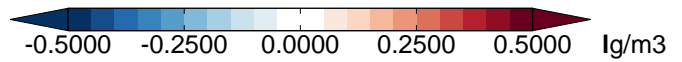
v11-02d - v11-02c

BCPO - Diff @ Surface for Oct



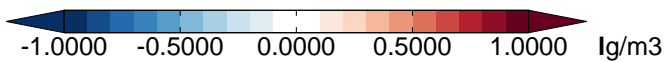
v11-02d - v11-02c

BCPO- Diff @ 500 hPa for Oct



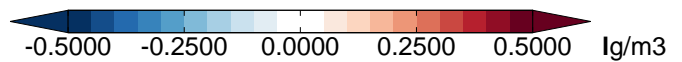
v11-02d - v11-02a

BCPO - Diff @ Surface for Oct



v11-02d - v11-02a

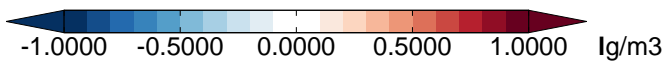
BCPO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

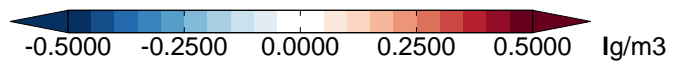
v11-02d - v11-02c

OCPO - Diff @ Surface for Oct



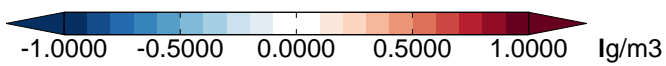
v11-02d - v11-02c

OCPO - Diff @ 500 hPa for Oct



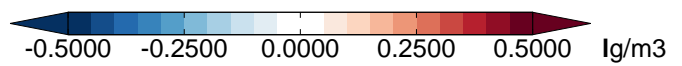
v11-02d - v11-02a

OCPO - Diff @ Surface for Oct



v11-02d - v11-02a

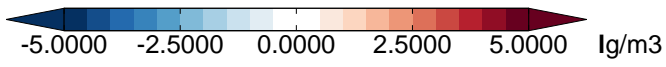
OCPO - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

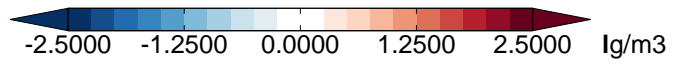
v11-02d - v11-02c

DST1 - Diff @ Surface for Oct



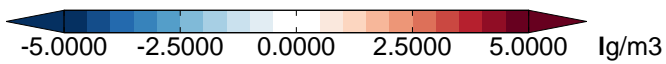
v11-02d - v11-02c

DST1- Diff @ 500 hPa for Oct



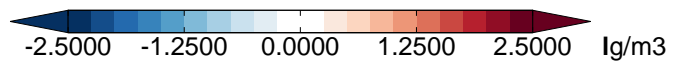
v11-02d - v11-02a

DST1 - Diff @ Surface for Oct



v11-02d - v11-02a

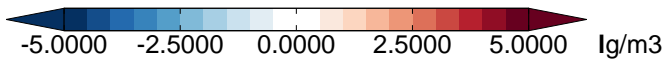
DST1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

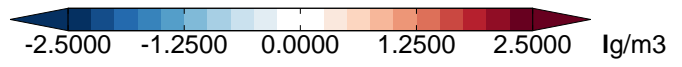
v11-02d - v11-02c

DST2 - Diff @ Surface for Oct



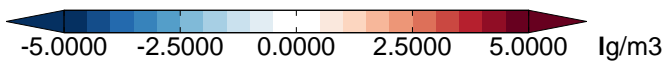
v11-02d - v11-02c

DST2- Diff @ 500 hPa for Oct



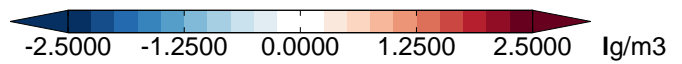
v11-02d - v11-02a

DST2 - Diff @ Surface for Oct



v11-02d - v11-02a

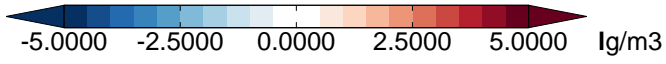
DST2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

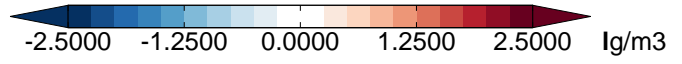
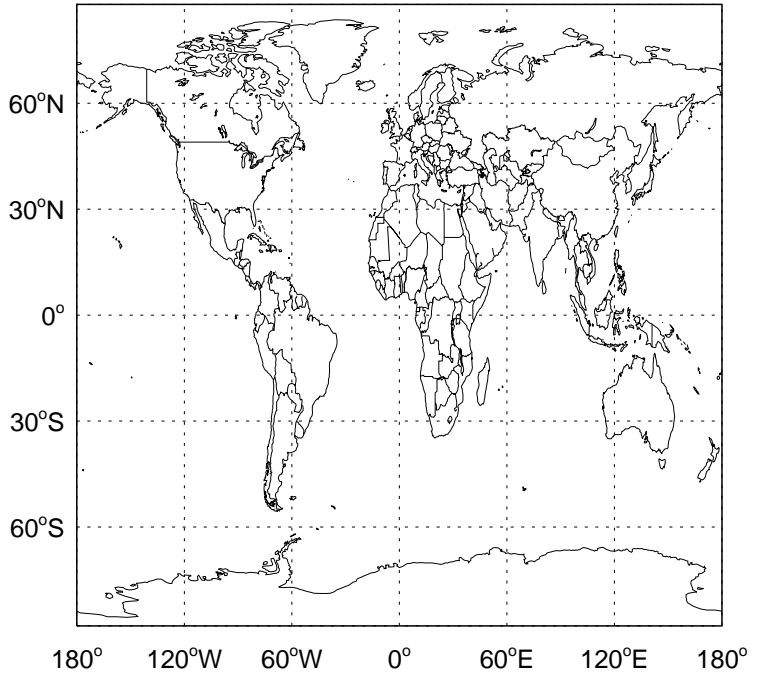
v11-02d - v11-02c

DST3 - Diff @ Surface for Oct



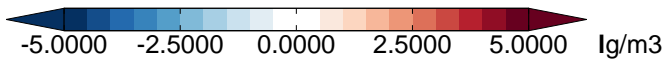
v11-02d - v11-02c

DST3- Diff @ 500 hPa for Oct



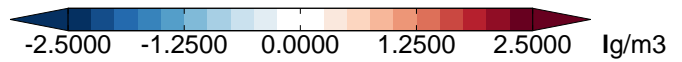
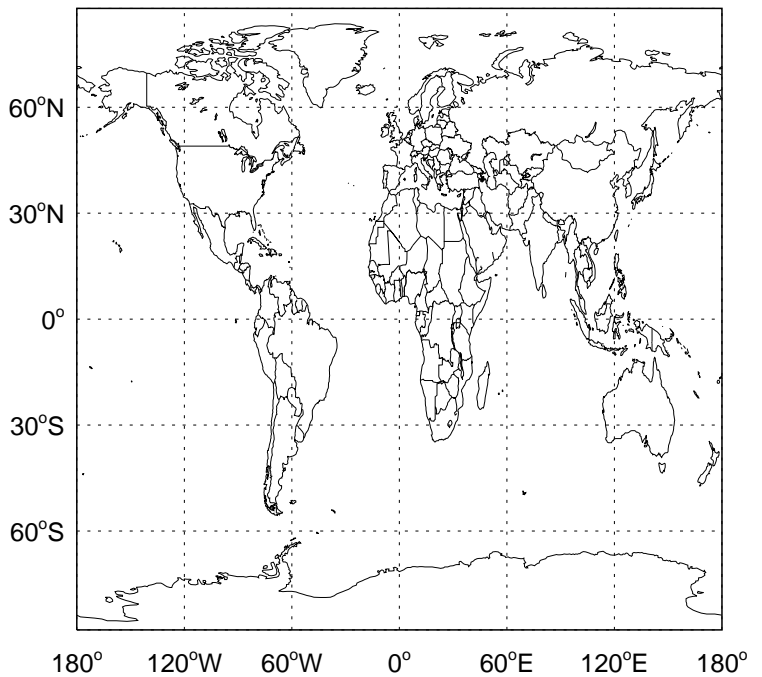
v11-02d - v11-02a

DST3 - Diff @ Surface for Oct



v11-02d - v11-02a

DST3- Diff @ 500 hPa for Oct

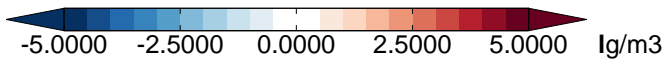
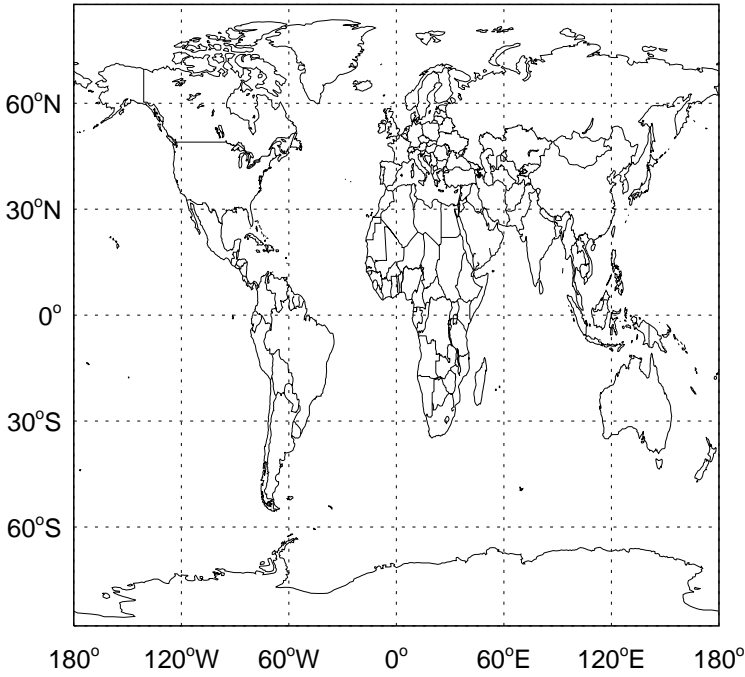




# GEOS-Chem Difference Maps at surface and 500 hPa

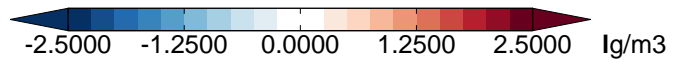
v11-02d - v11-02c

DST4 - Diff @ Surface for Oct



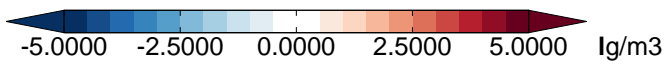
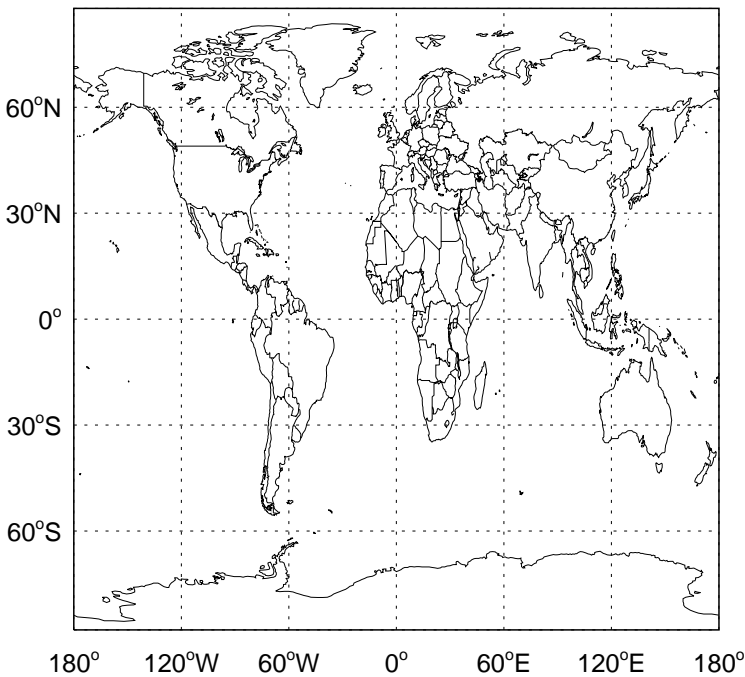
v11-02d - v11-02c

DST4- Diff @ 500 hPa for Oct



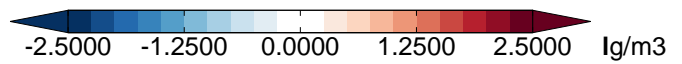
v11-02d - v11-02a

DST4 - Diff @ Surface for Oct



v11-02d - v11-02a

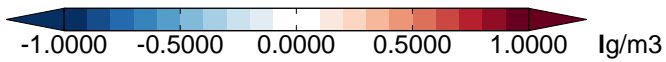
DST4- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

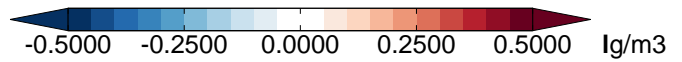
v11-02d - v11-02c

SALA - Diff @ Surface for Oct



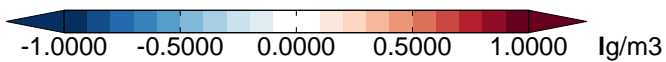
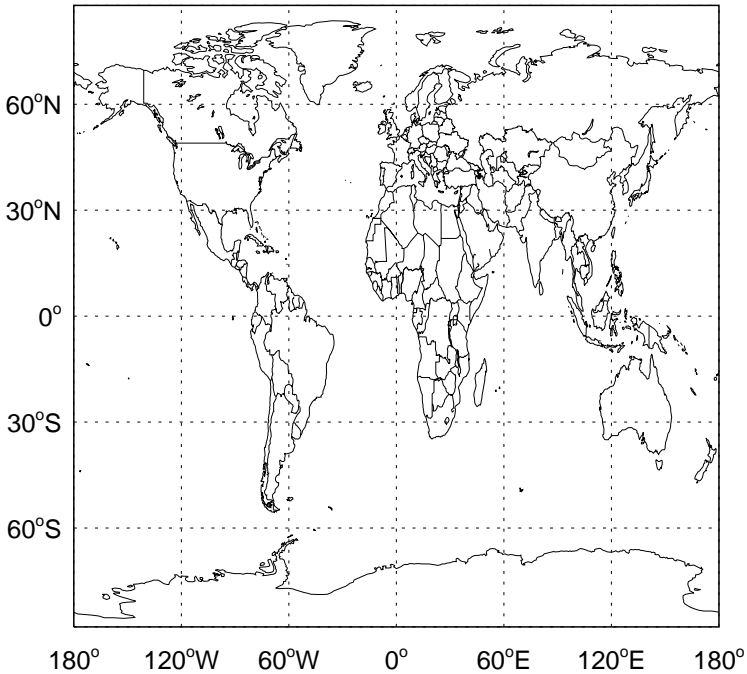
v11-02d - v11-02c

SALA- Diff @ 500 hPa for Oct



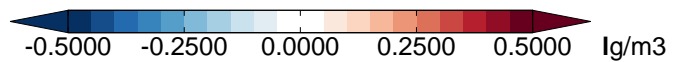
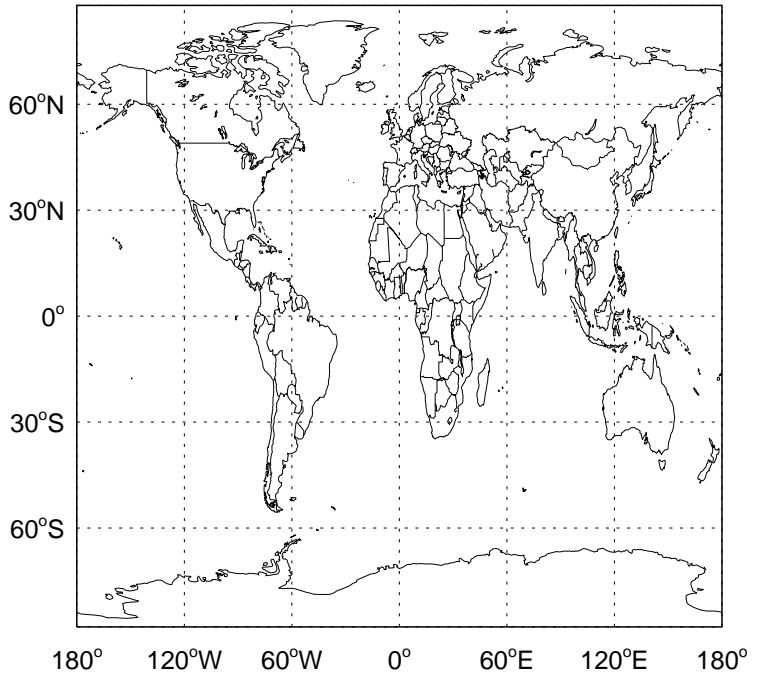
v11-02d - v11-02a

SALA - Diff @ Surface for Oct



v11-02d - v11-02a

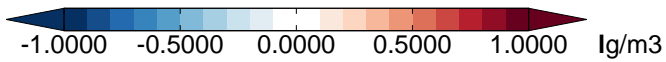
SALA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

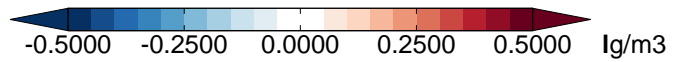
v11-02d - v11-02c

SALC - Diff @ Surface for Oct



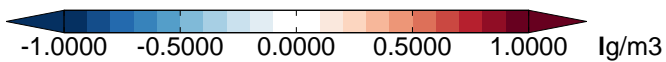
v11-02d - v11-02c

SALC- Diff @ 500 hPa for Oct



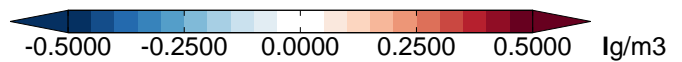
v11-02d - v11-02a

SALC - Diff @ Surface for Oct



v11-02d - v11-02a

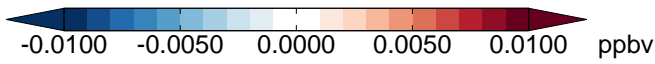
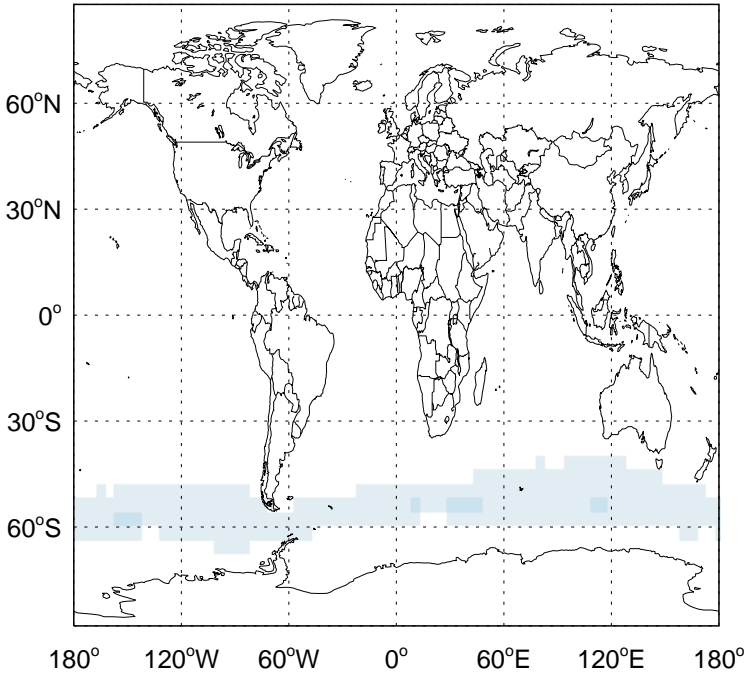
SALC- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

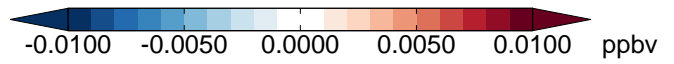
v11-02d - v11-02c

Br2 - Diff @ Surface for Oct



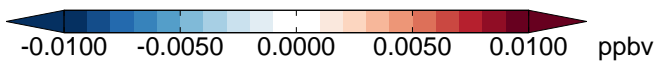
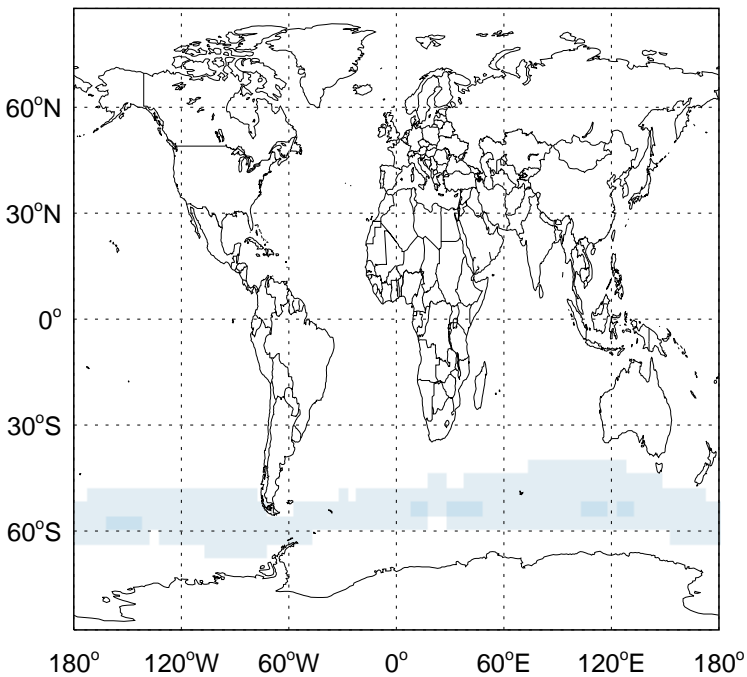
v11-02d - v11-02c

Br2- Diff @ 500 hPa for Oct



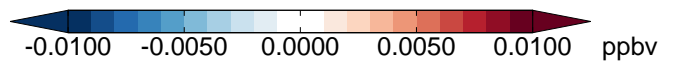
v11-02d - v11-02a

Br2 - Diff @ Surface for Oct



v11-02d - v11-02a

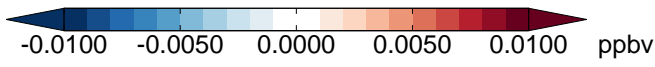
Br2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

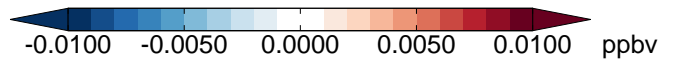
v11-02d - v11-02c

Br - Diff @ Surface for Oct



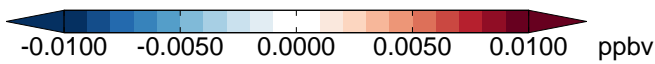
v11-02d - v11-02c

Br - Diff @ 500 hPa for Oct



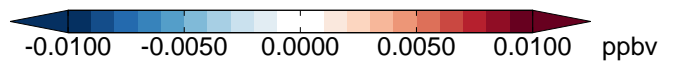
v11-02d - v11-02a

Br - Diff @ Surface for Oct



v11-02d - v11-02a

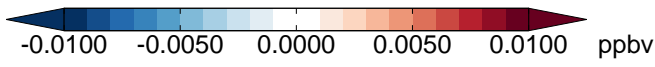
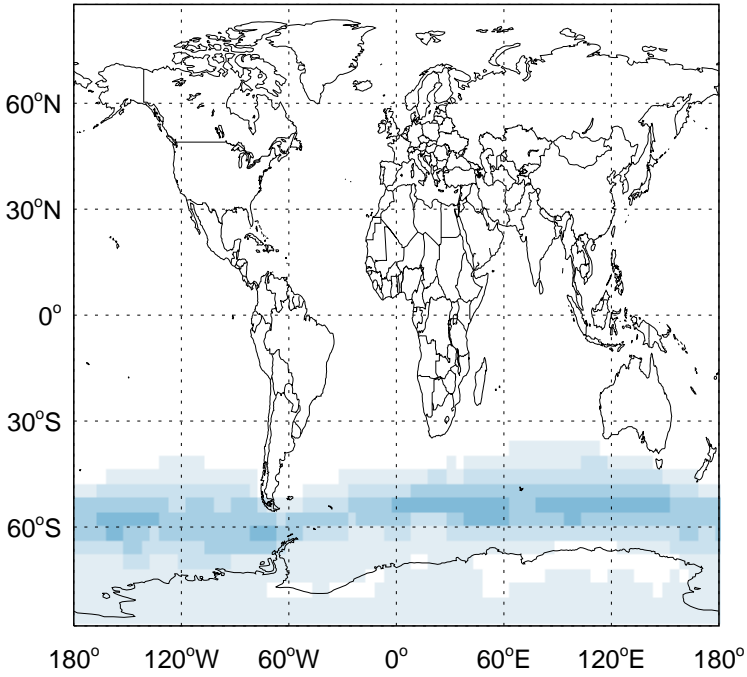
Br - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

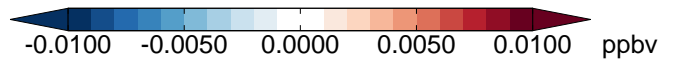
v11-02d - v11-02c

BrO - Diff @ Surface for Oct



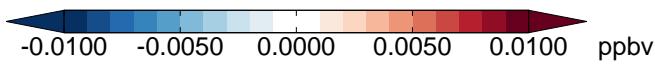
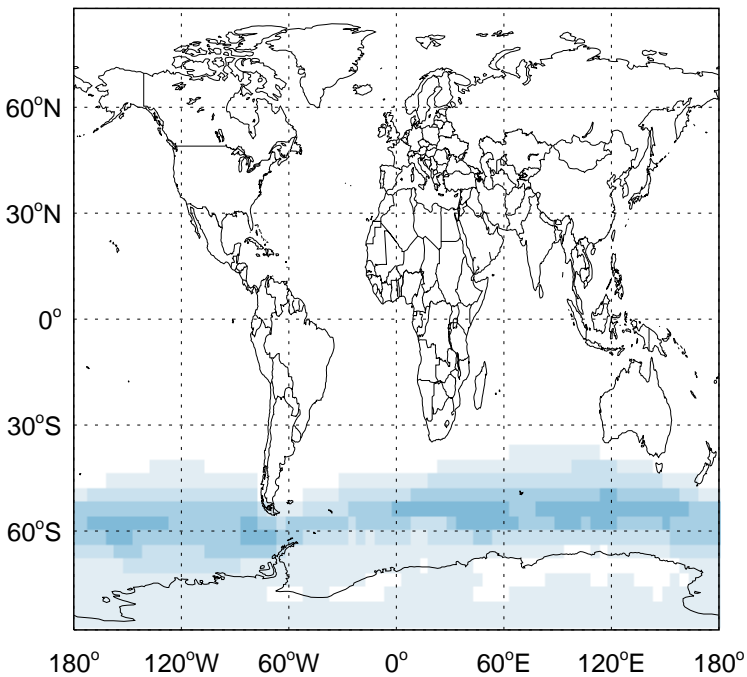
v11-02d - v11-02c

BrO - Diff @ 500 hPa for Oct



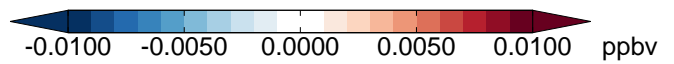
v11-02d - v11-02a

BrO - Diff @ Surface for Oct



v11-02d - v11-02a

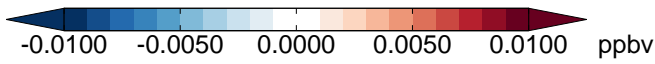
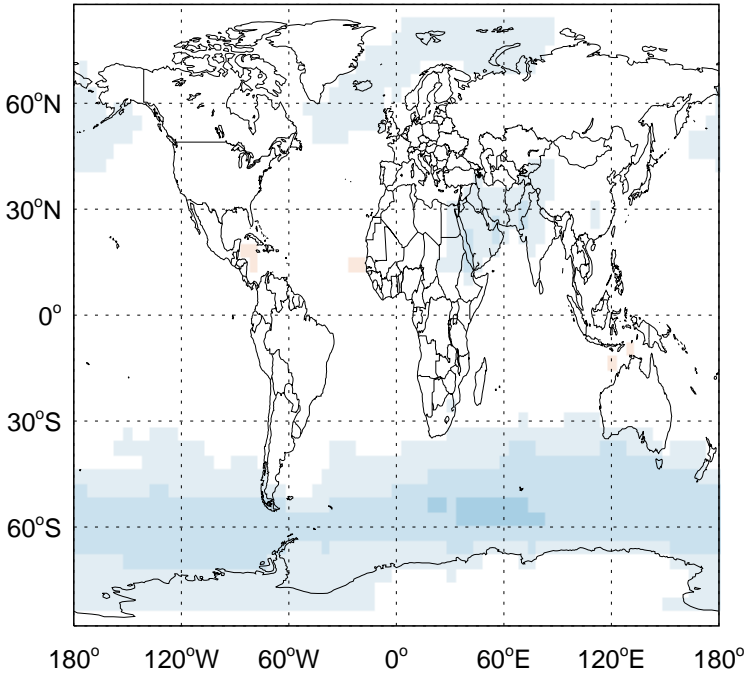
BrO - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

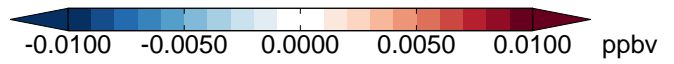
v11-02d - v11-02c

HOBr - Diff @ Surface for Oct



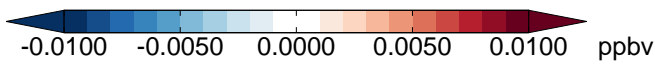
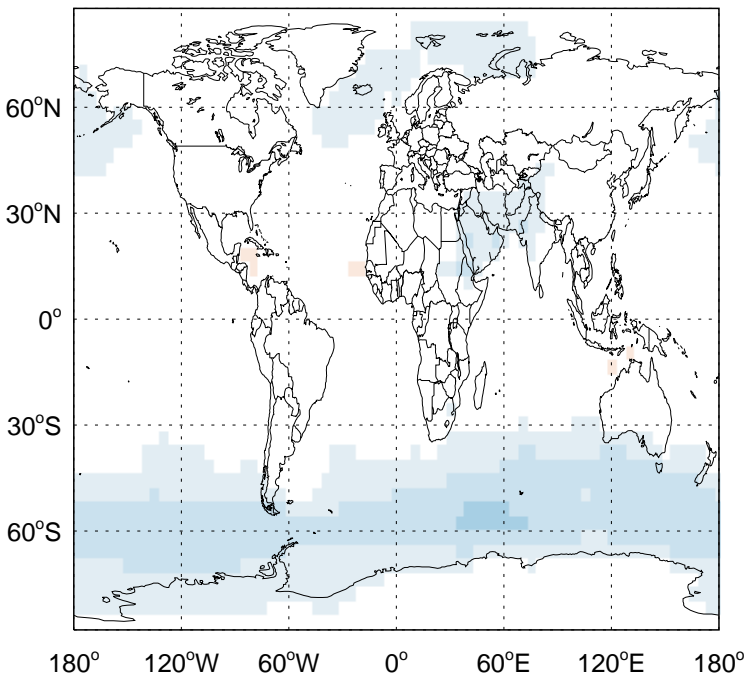
v11-02d - v11-02c

HOBr - Diff @ 500 hPa for Oct



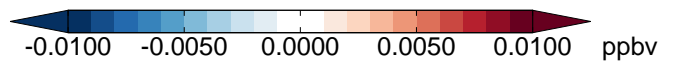
v11-02d - v11-02a

HOBr - Diff @ Surface for Oct



v11-02d - v11-02a

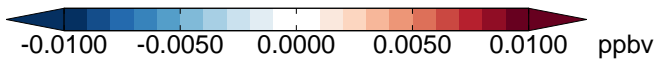
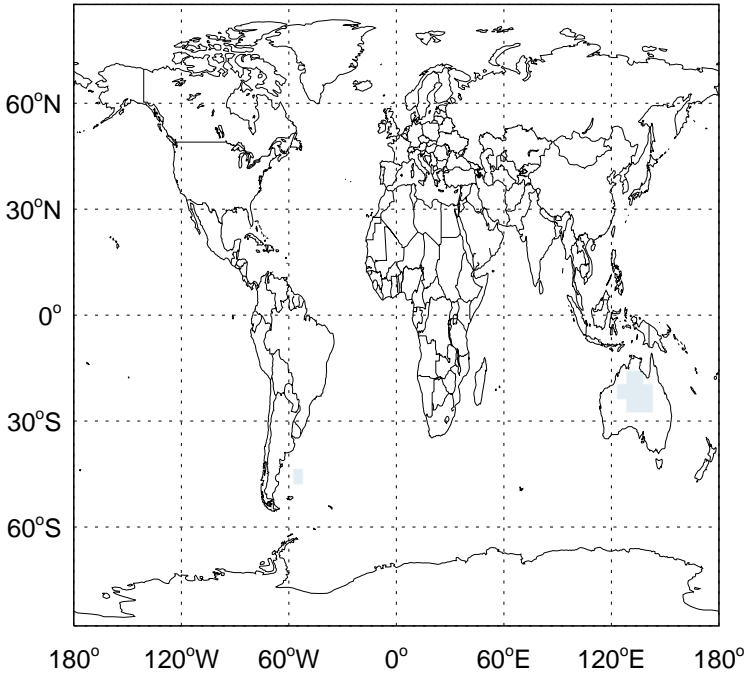
HOBr - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

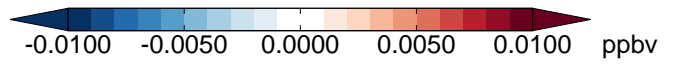
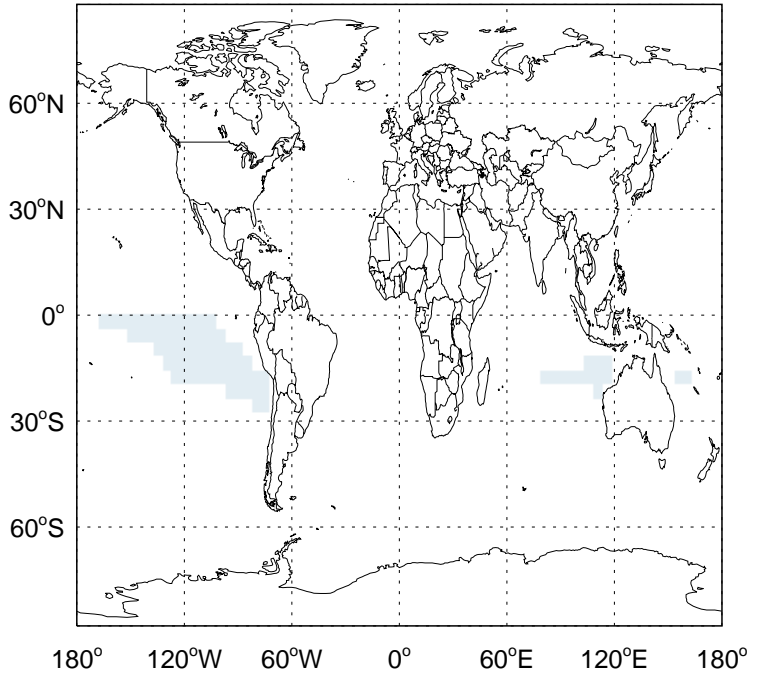
v11-02d - v11-02c

HBr - Diff @ Surface for Oct



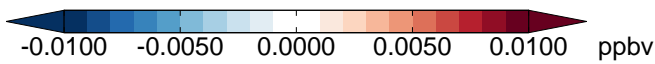
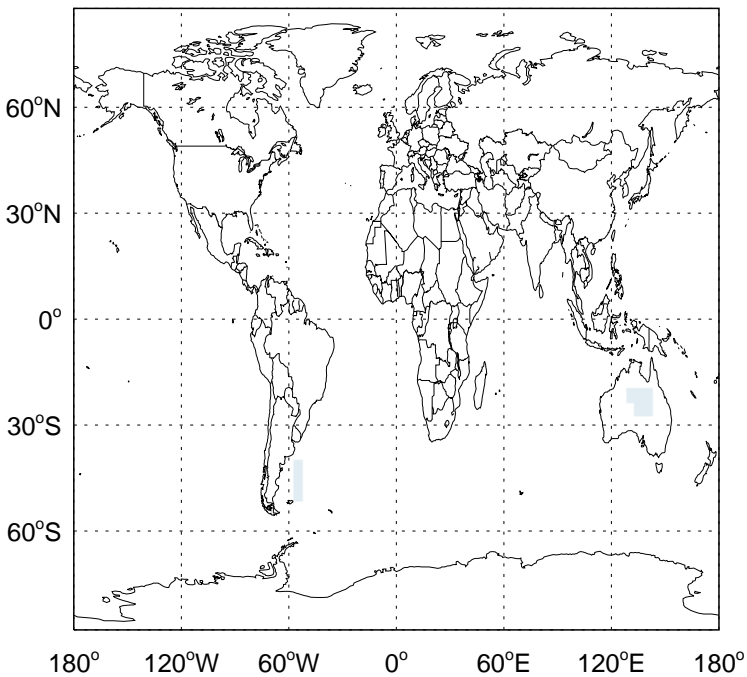
v11-02d - v11-02c

HBr- Diff @ 500 hPa for Oct



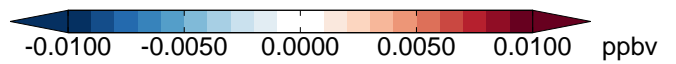
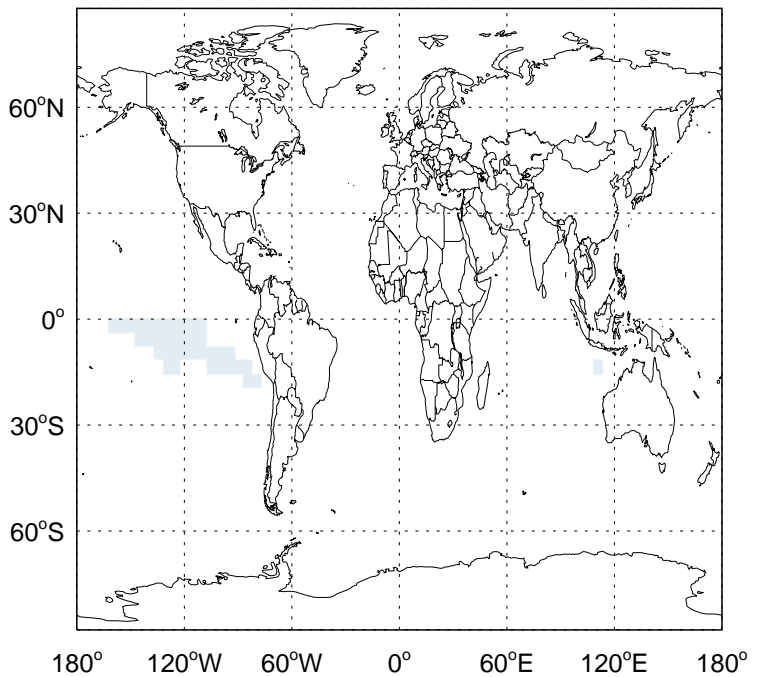
v11-02d - v11-02a

HBr - Diff @ Surface for Oct



v11-02d - v11-02a

HBr- Diff @ 500 hPa for Oct

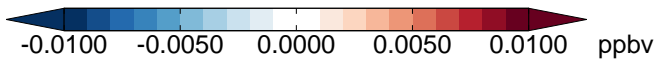




# GEOS-Chem Difference Maps at surface and 500 hPa

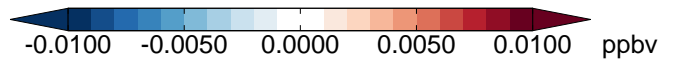
v11-02d - v11-02c

BrNO<sub>2</sub> - Diff @ Surface for Oct



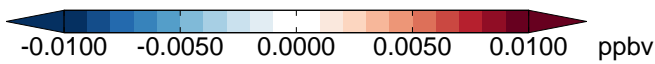
v11-02d - v11-02c

BrNO<sub>2</sub>- Diff @ 500 hPa for Oct



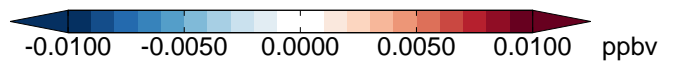
v11-02d - v11-02a

BrNO<sub>2</sub> - Diff @ Surface for Oct



v11-02d - v11-02a

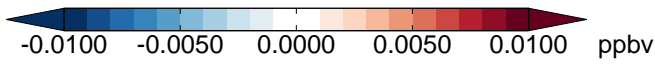
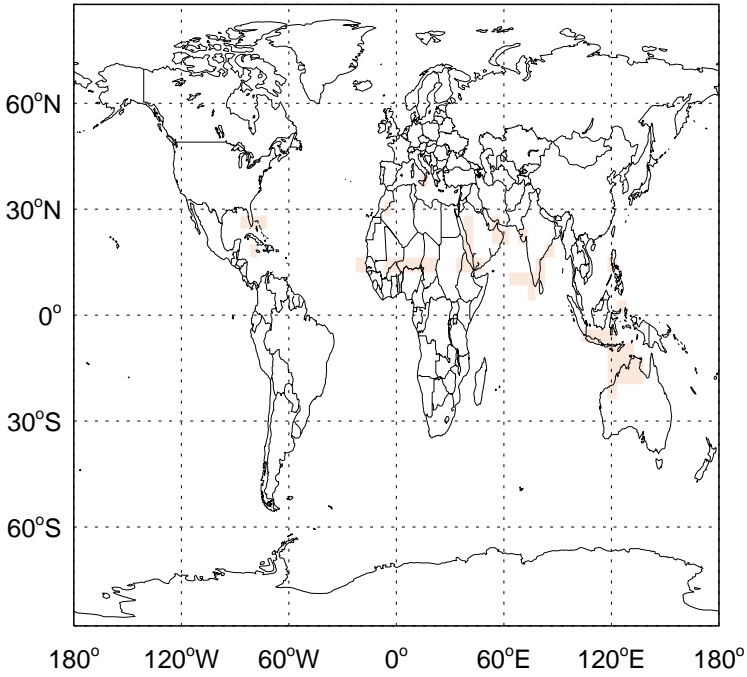
BrNO<sub>2</sub>- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

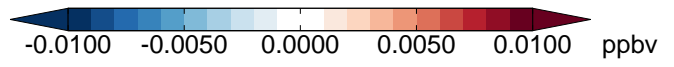
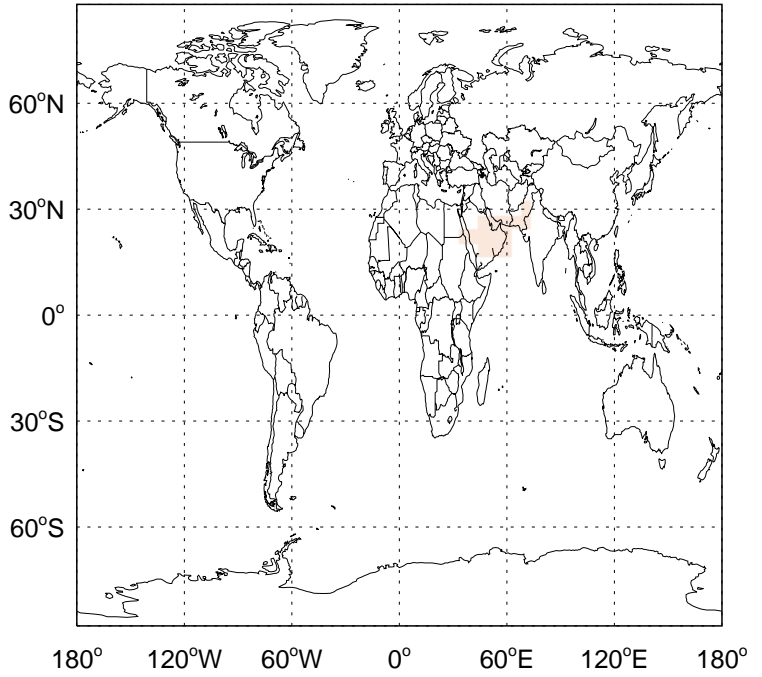
v11-02d - v11-02c

BrNO3 - Diff @ Surface for Oct



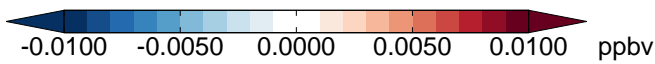
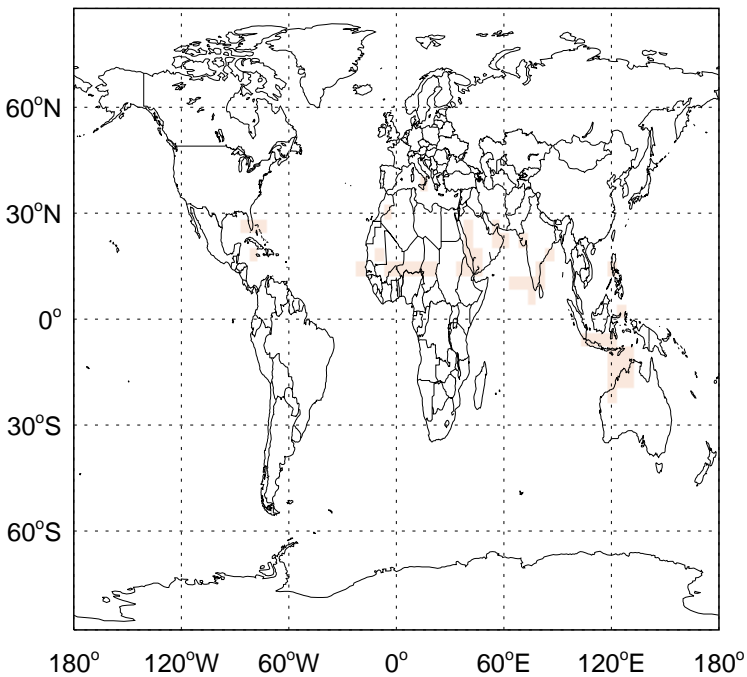
v11-02d - v11-02c

BrNO3- Diff @ 500 hPa for Oct



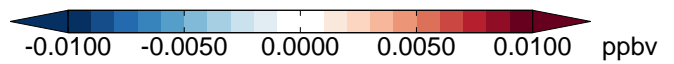
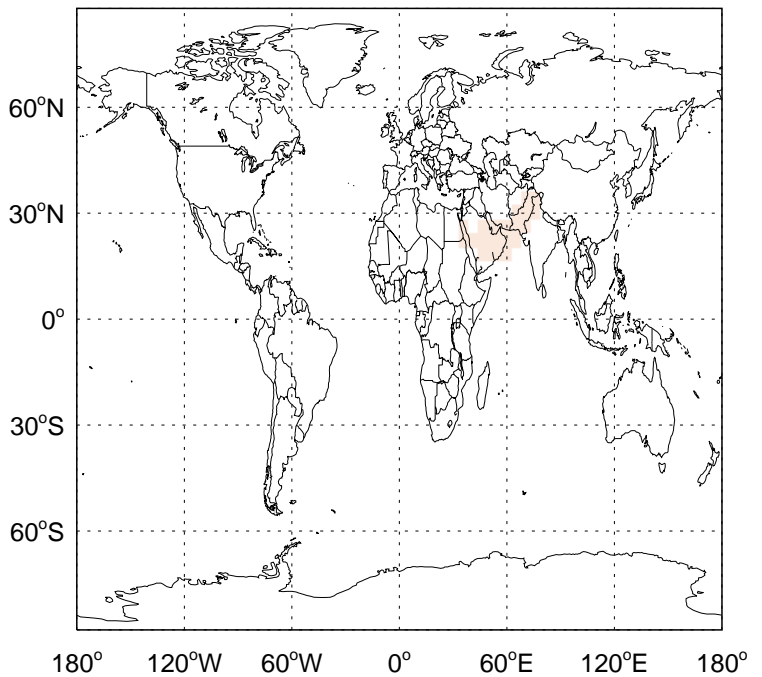
v11-02d - v11-02a

BrNO3 - Diff @ Surface for Oct



v11-02d - v11-02a

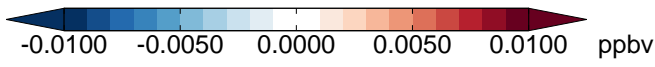
BrNO3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

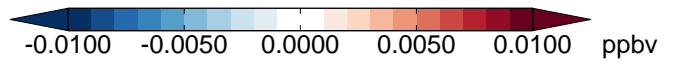
v11-02d - v11-02c

CHBr3 - Diff @ Surface for Oct



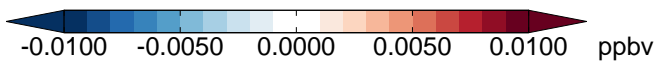
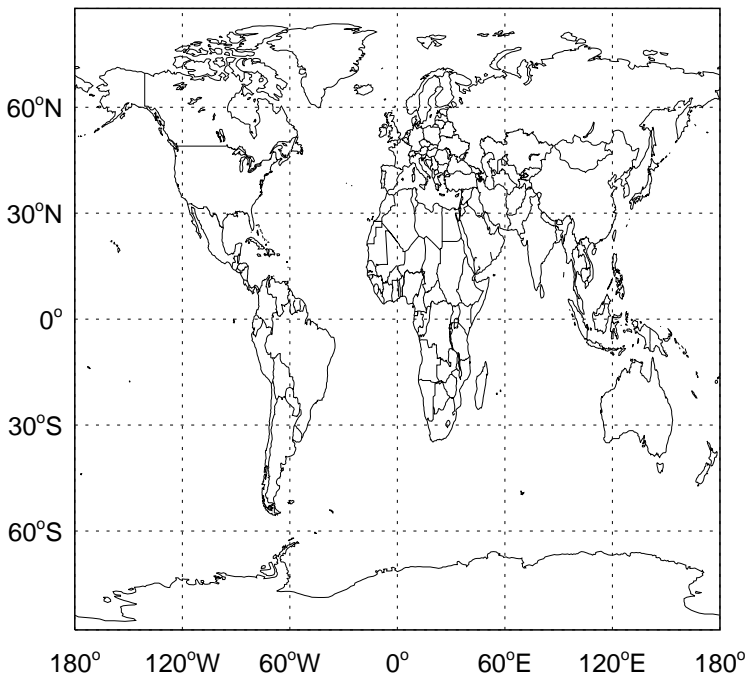
v11-02d - v11-02c

CHBr3- Diff @ 500 hPa for Oct



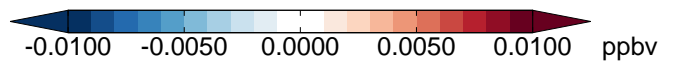
v11-02d - v11-02a

CHBr3 - Diff @ Surface for Oct



v11-02d - v11-02a

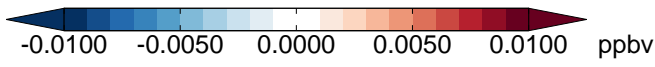
CHBr3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

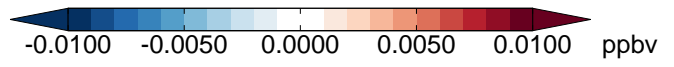
v11-02d - v11-02c

CH<sub>2</sub>Br<sub>2</sub> - Diff @ Surface for Oct



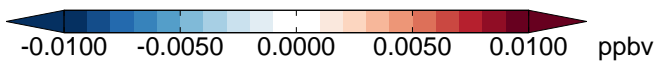
v11-02d - v11-02c

CH<sub>2</sub>Br<sub>2</sub>- Diff @ 500 hPa for Oct



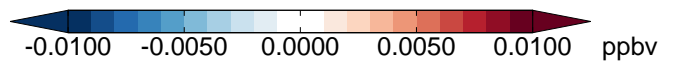
v11-02d - v11-02a

CH<sub>2</sub>Br<sub>2</sub> - Diff @ Surface for Oct



v11-02d - v11-02a

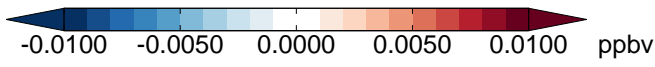
CH<sub>2</sub>Br<sub>2</sub>- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

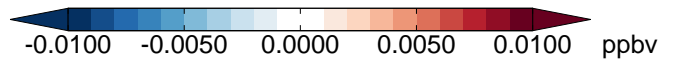
v11-02d - v11-02c

CH3Br - Diff @ Surface for Oct



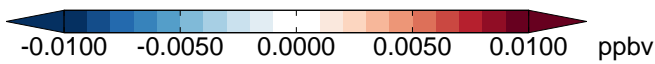
v11-02d - v11-02c

CH3Br - Diff @ 500 hPa for Oct



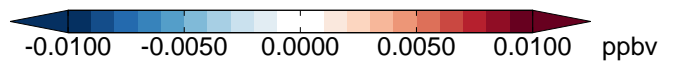
v11-02d - v11-02a

CH3Br - Diff @ Surface for Oct



v11-02d - v11-02a

CH3Br - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

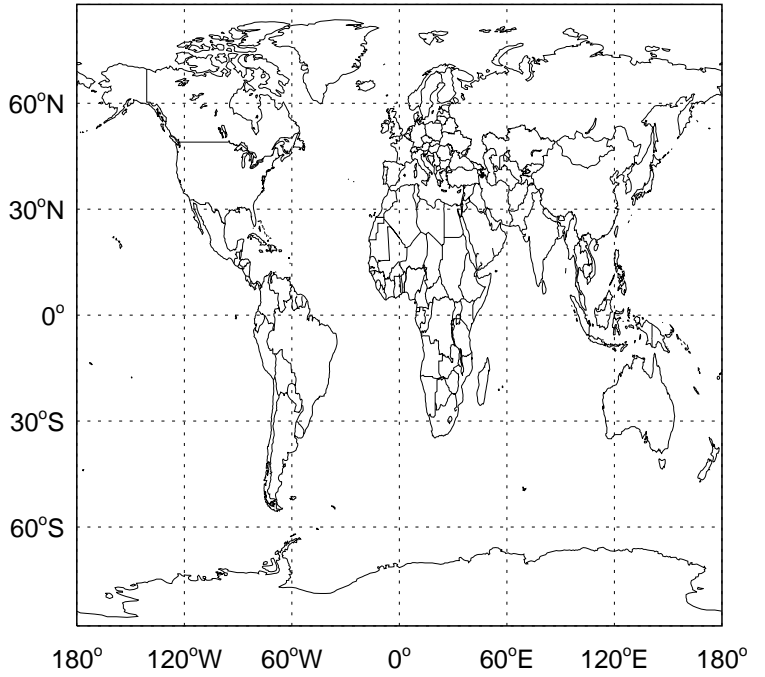
v11-02d - v11-02c

MPN - Diff @ Surface for Oct



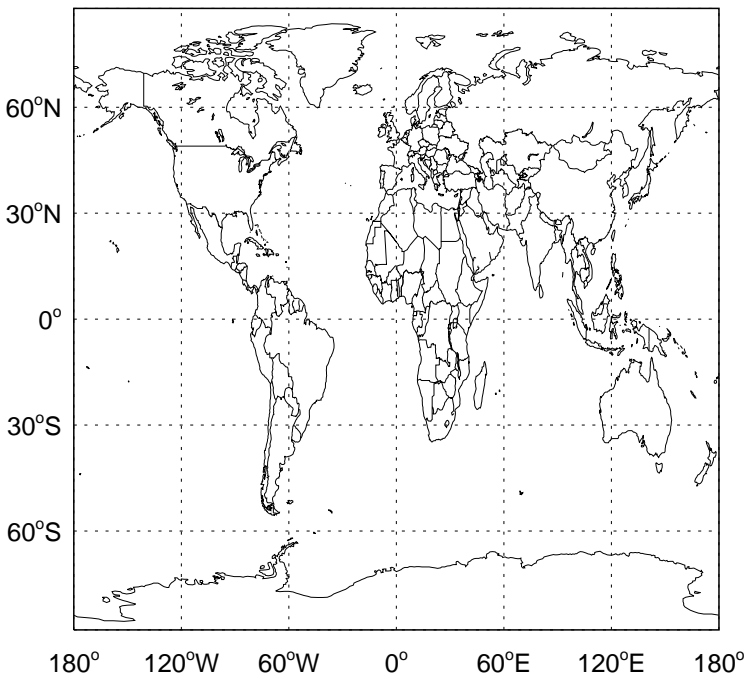
v11-02d - v11-02c

MPN- Diff @ 500 hPa for Oct



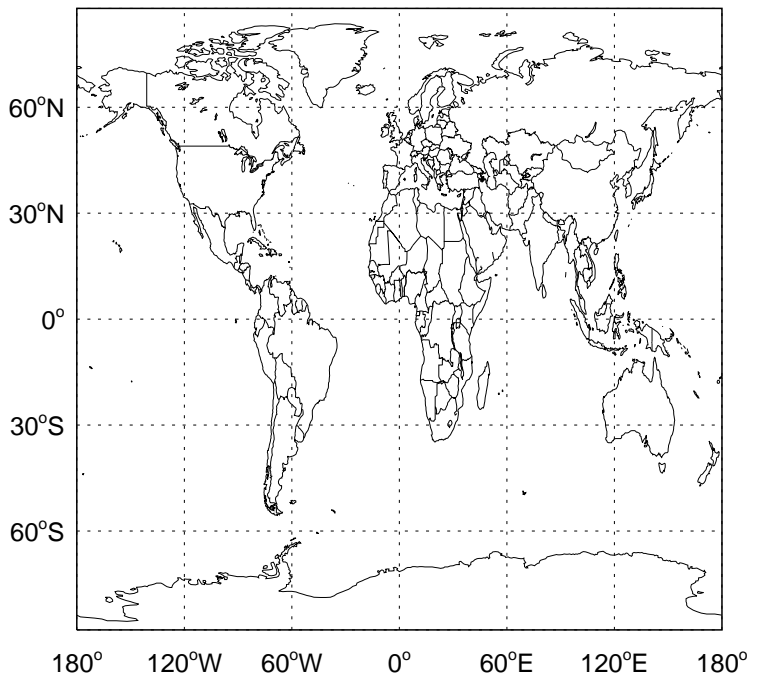
v11-02d - v11-02a

MPN - Diff @ Surface for Oct



v11-02d - v11-02a

MPN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISOPND - Diff @ Surface for Oct



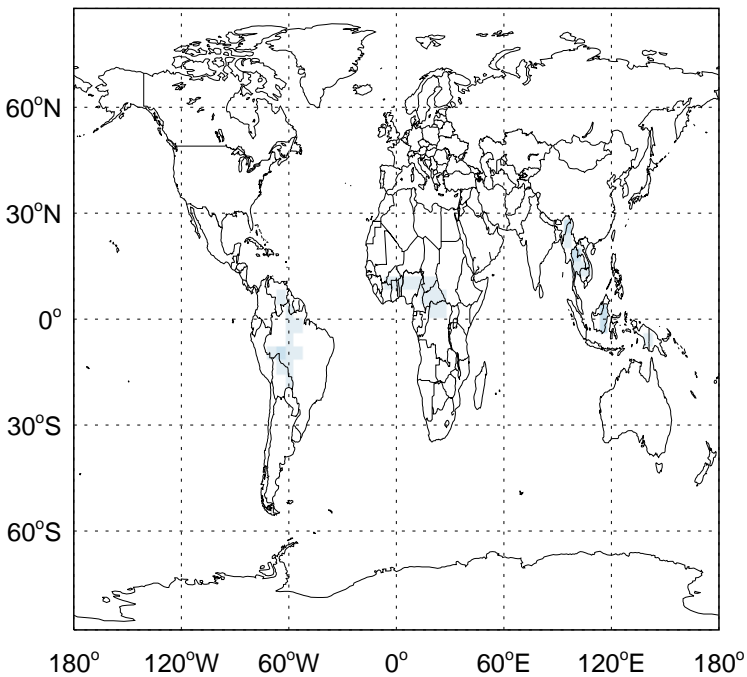
v11-02d - v11-02c

ISOPND- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISOPND - Diff @ Surface for Oct



v11-02d - v11-02a

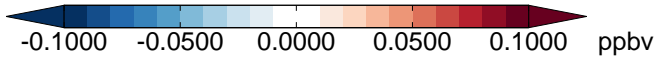
ISOPND- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

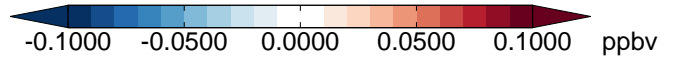
v11-02d - v11-02c

ISOPNB - Diff @ Surface for Oct



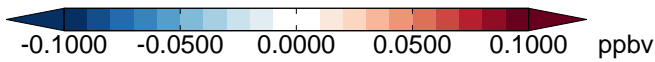
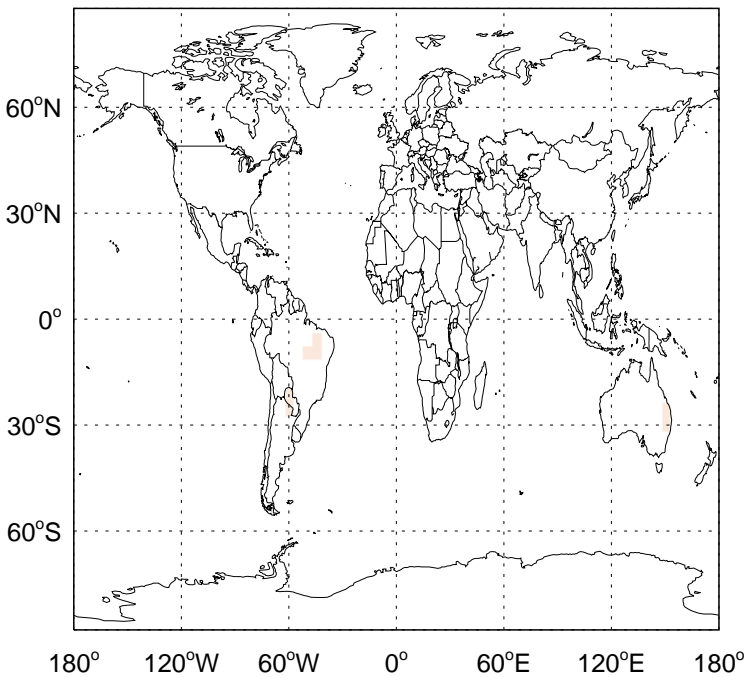
v11-02d - v11-02c

ISOPNB- Diff @ 500 hPa for Oct



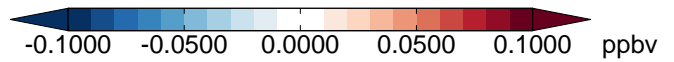
v11-02d - v11-02a

ISOPNB - Diff @ Surface for Oct



v11-02d - v11-02a

ISOPNB- Diff @ 500 hPa for Oct

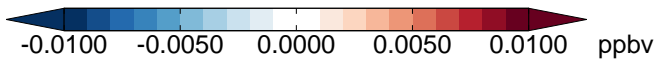
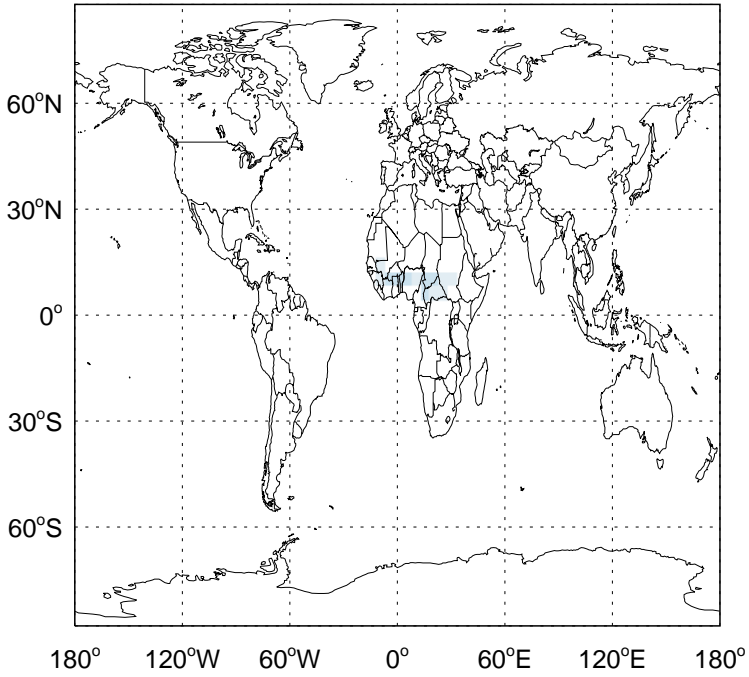




# GEOS-Chem Difference Maps at surface and 500 hPa

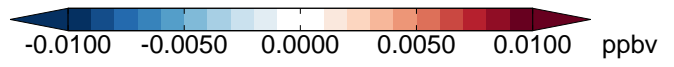
v11-02d - v11-02c

MOBA - Diff @ Surface for Oct



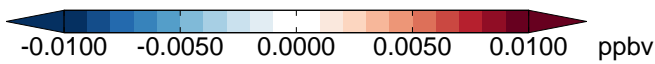
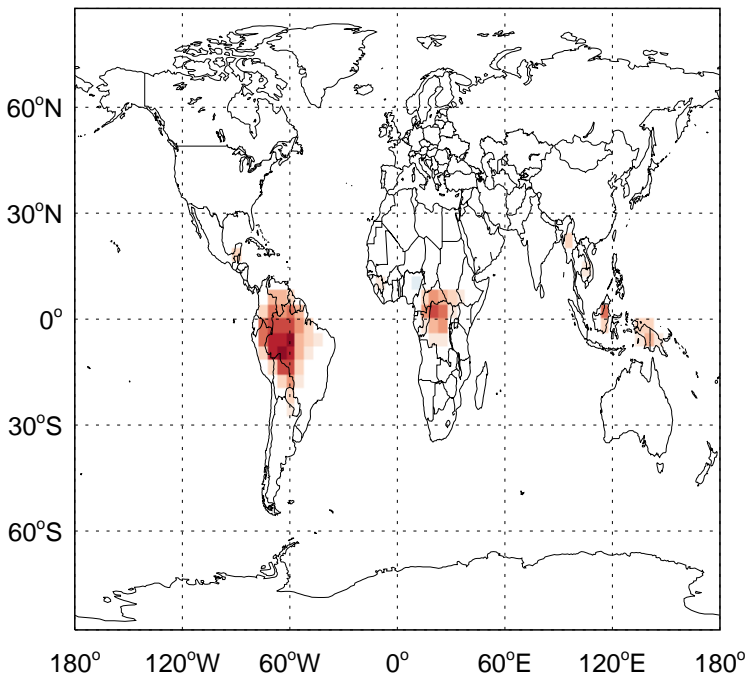
v11-02d - v11-02c

MOBA- Diff @ 500 hPa for Oct



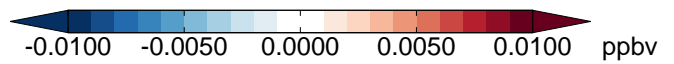
v11-02d - v11-02a

MOBA - Diff @ Surface for Oct



v11-02d - v11-02a

MOBA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

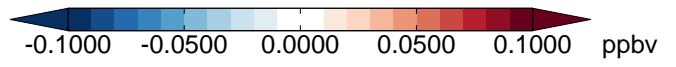
v11-02d - v11-02c

PROPNN - Diff @ Surface for Oct



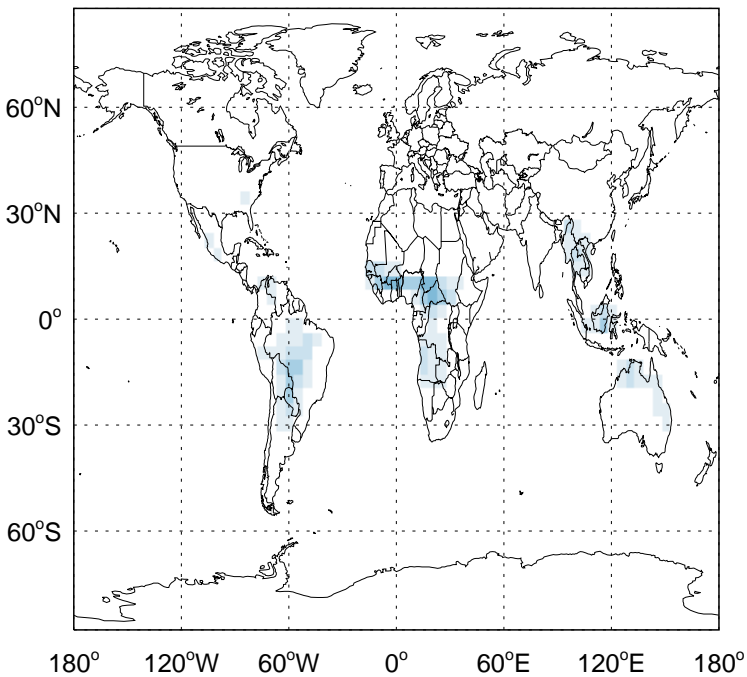
v11-02d - v11-02c

PROPNN- Diff @ 500 hPa for Oct



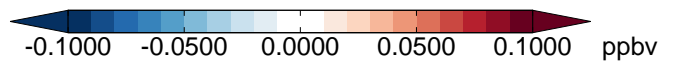
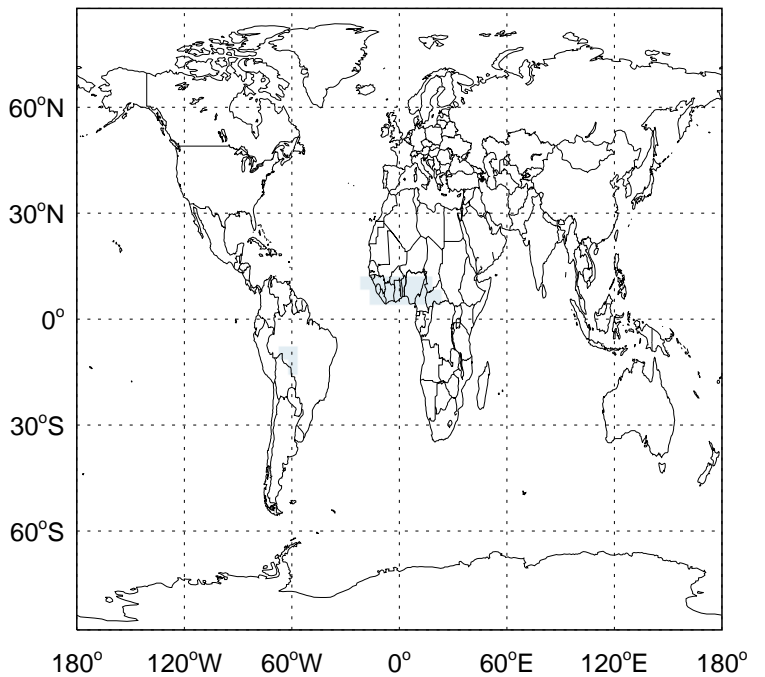
v11-02d - v11-02a

PROPNN - Diff @ Surface for Oct



v11-02d - v11-02a

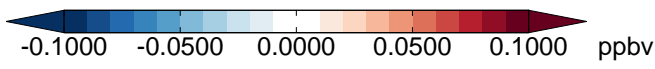
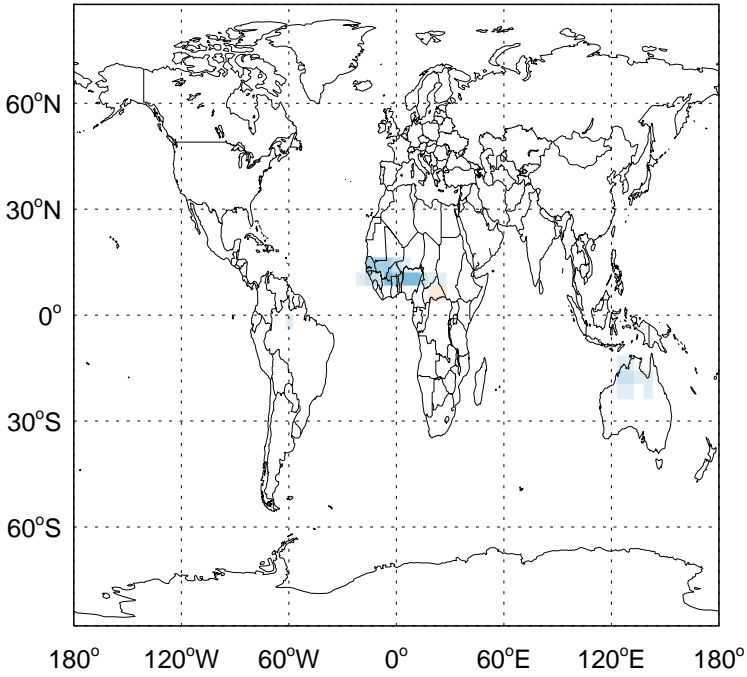
PROPNN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

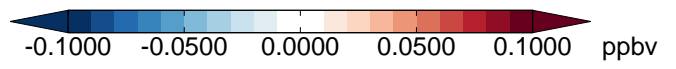
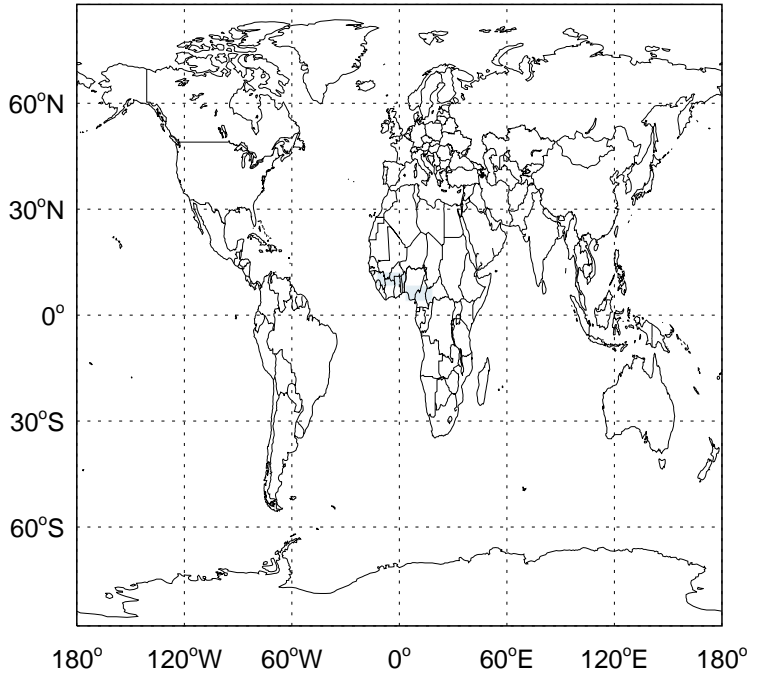
v11-02d - v11-02c

HAC - Diff @ Surface for Oct



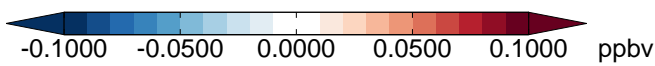
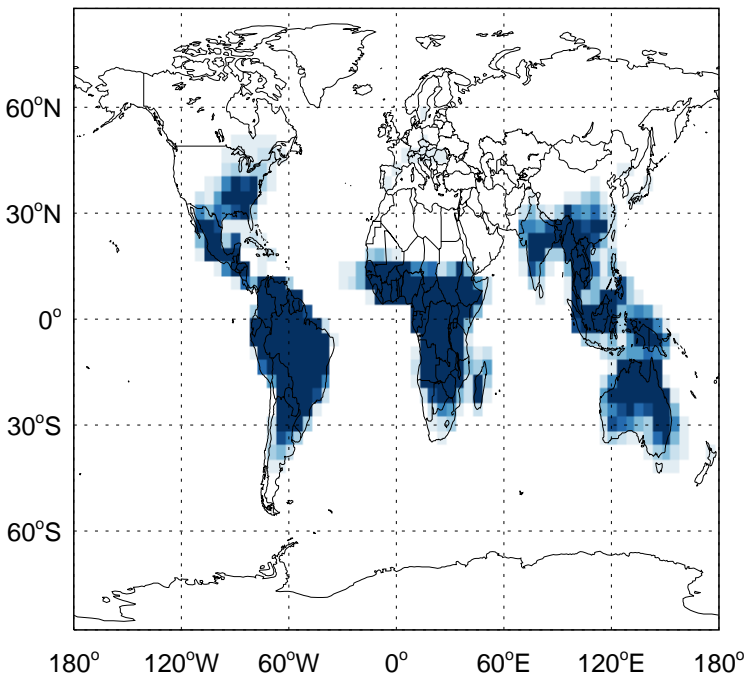
v11-02d - v11-02c

HAC- Diff @ 500 hPa for Oct



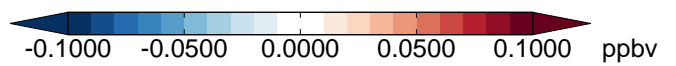
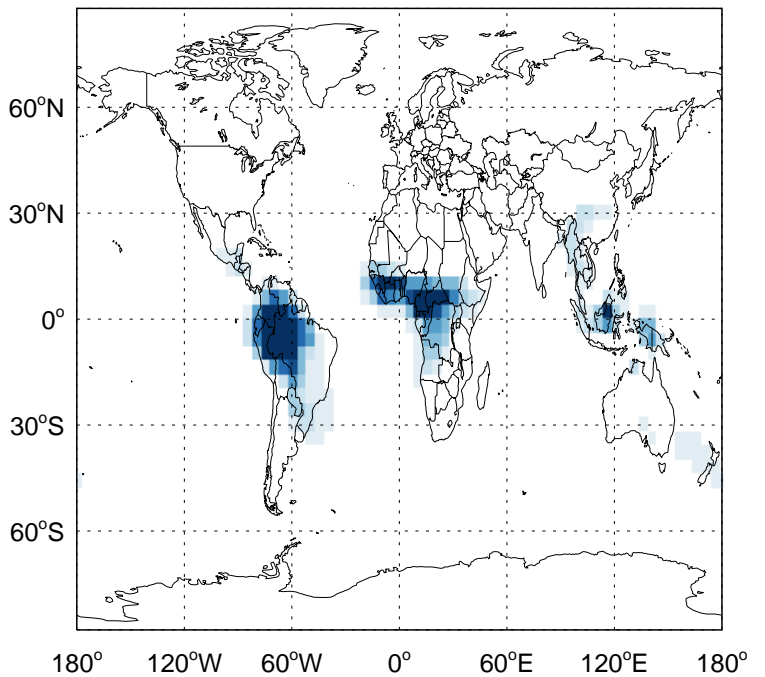
v11-02d - v11-02a

HAC - Diff @ Surface for Oct



v11-02d - v11-02a

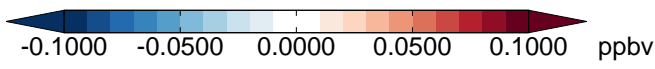
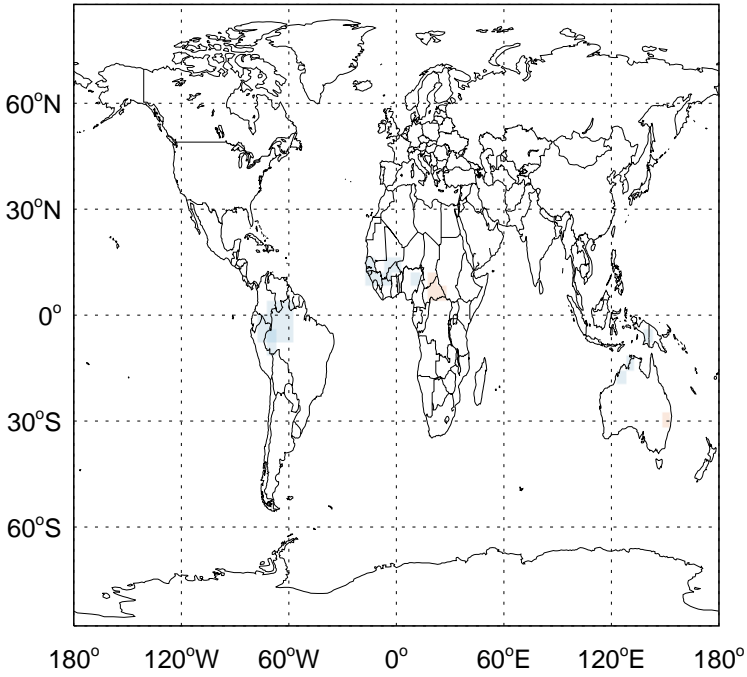
HAC- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

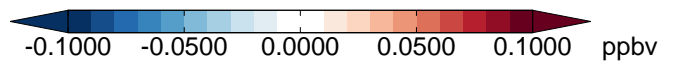
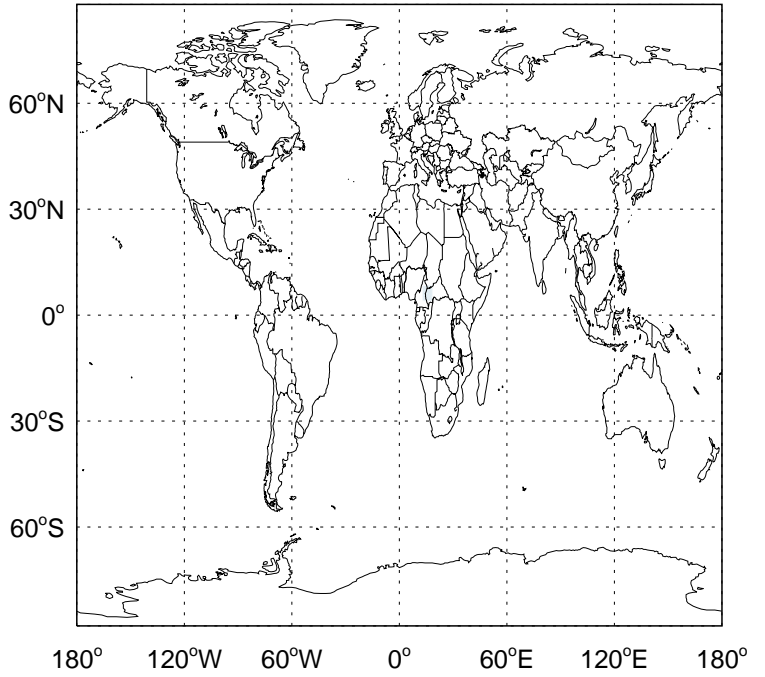
v11-02d - v11-02c

GLYC - Diff @ Surface for Oct



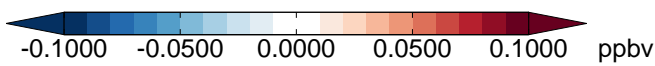
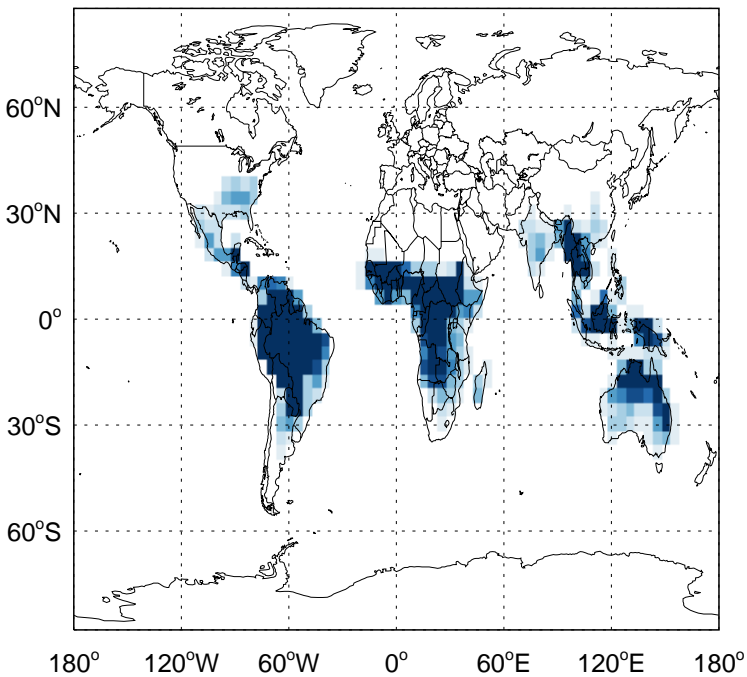
v11-02d - v11-02c

GLYC- Diff @ 500 hPa for Oct



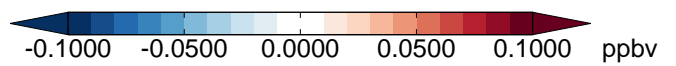
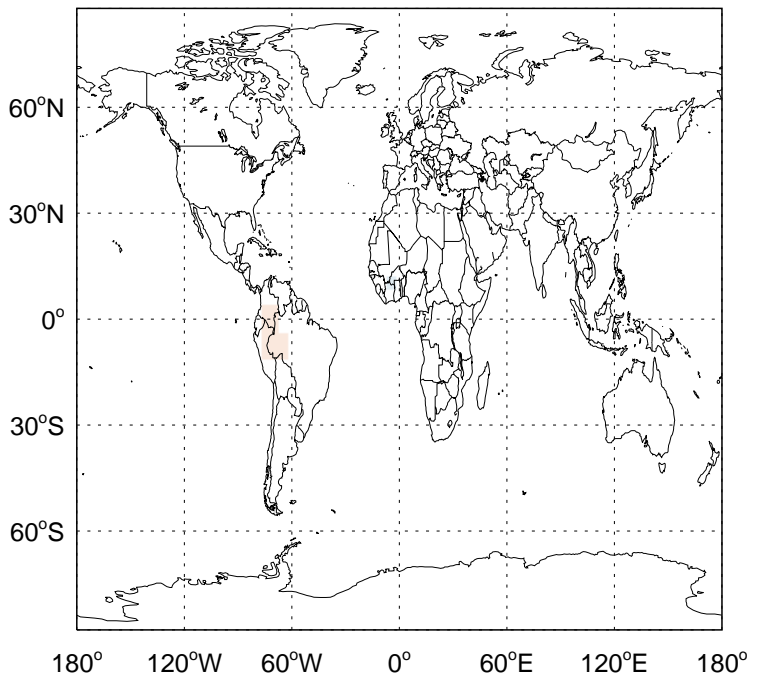
v11-02d - v11-02a

GLYC - Diff @ Surface for Oct



v11-02d - v11-02a

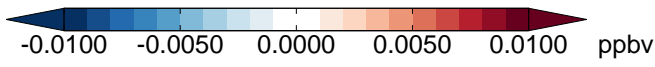
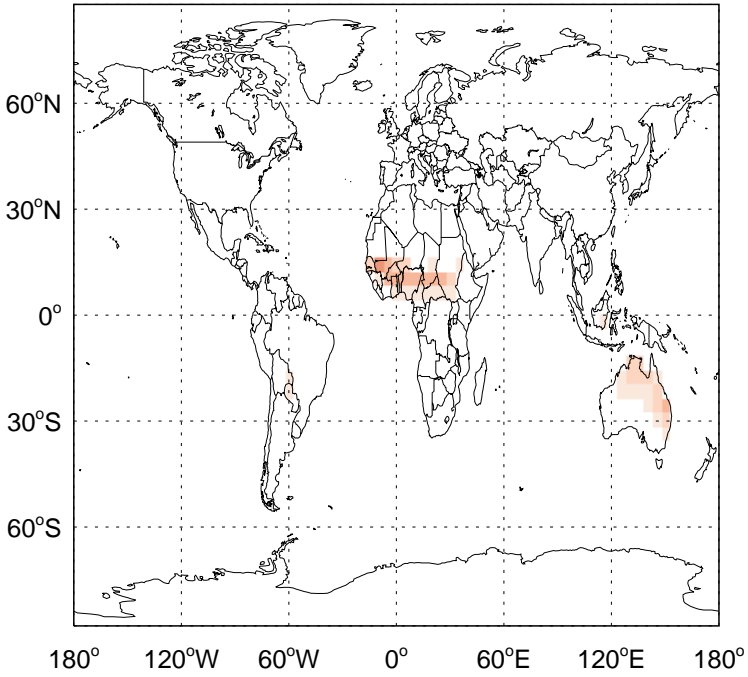
GLYC- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

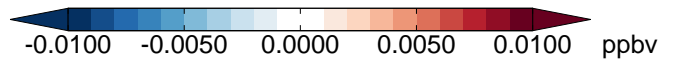
v11-02d - v11-02c

MVKN - Diff @ Surface for Oct



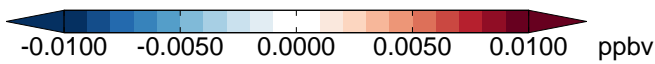
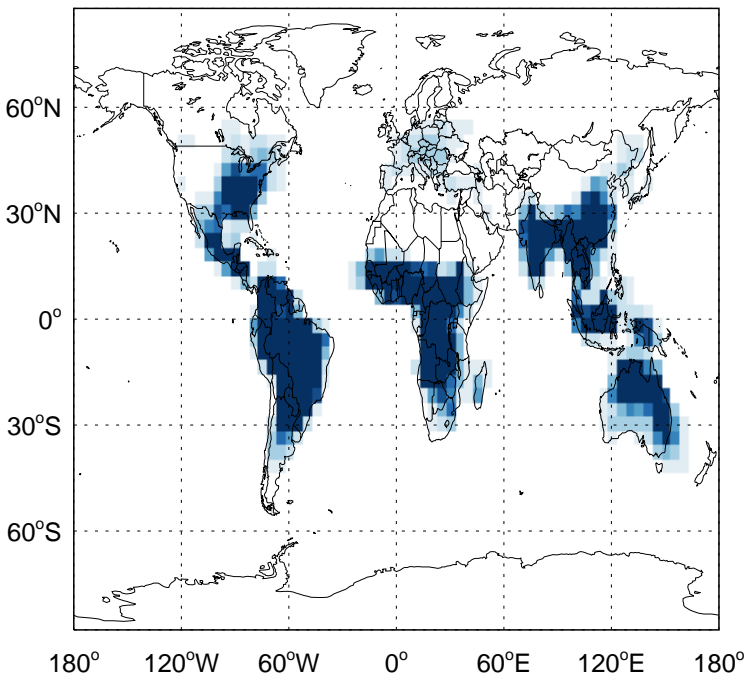
v11-02d - v11-02c

MVKN- Diff @ 500 hPa for Oct



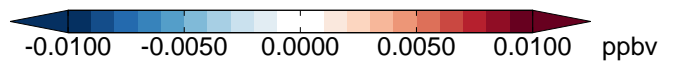
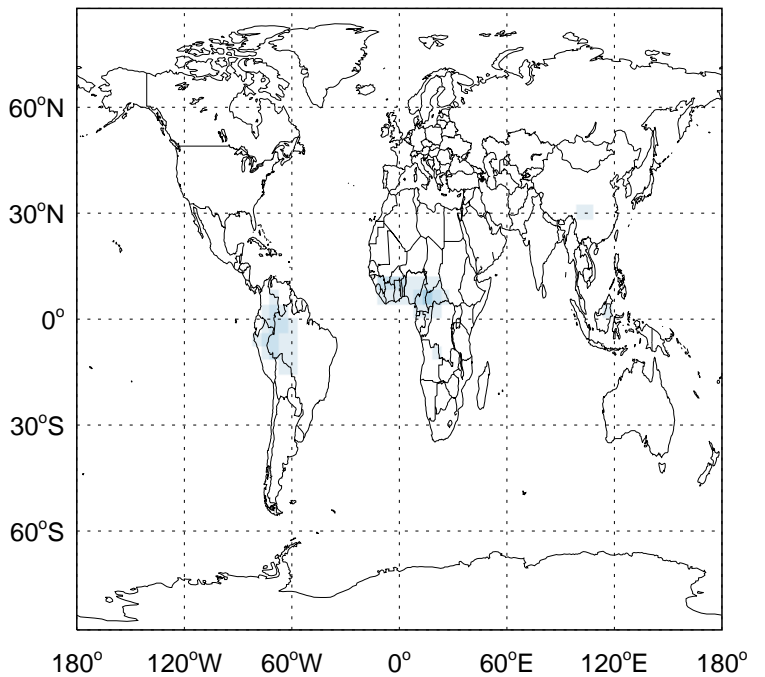
v11-02d - v11-02a

MVKN - Diff @ Surface for Oct



v11-02d - v11-02a

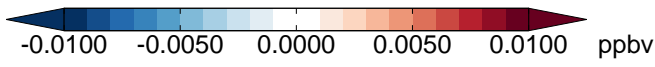
MVKN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

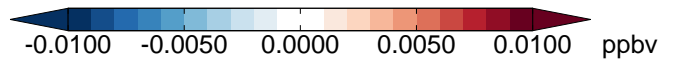
v11-02d - v11-02c

MACRN - Diff @ Surface for Oct



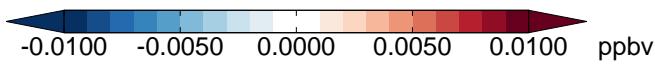
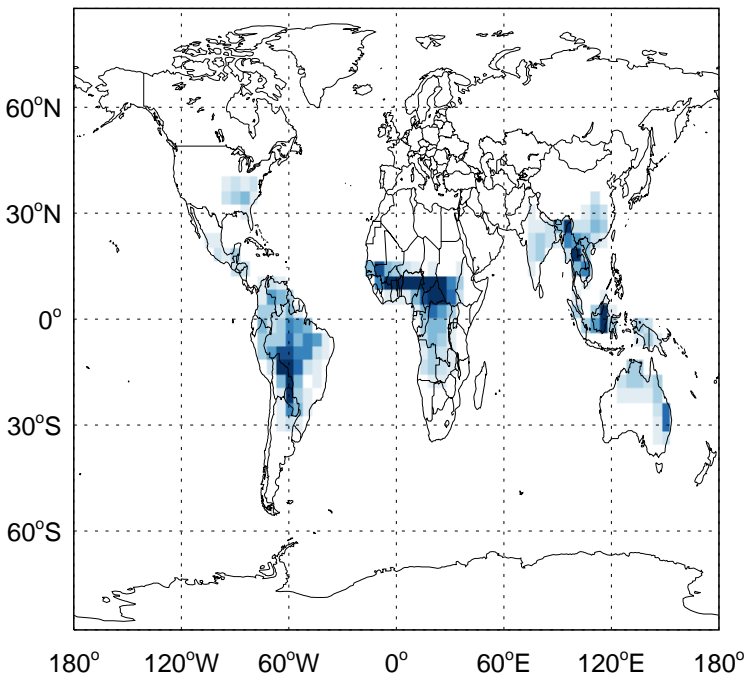
v11-02d - v11-02c

MACRN- Diff @ 500 hPa for Oct



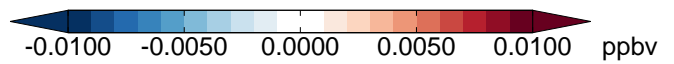
v11-02d - v11-02a

MACRN - Diff @ Surface for Oct



v11-02d - v11-02a

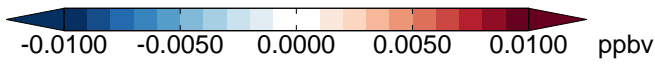
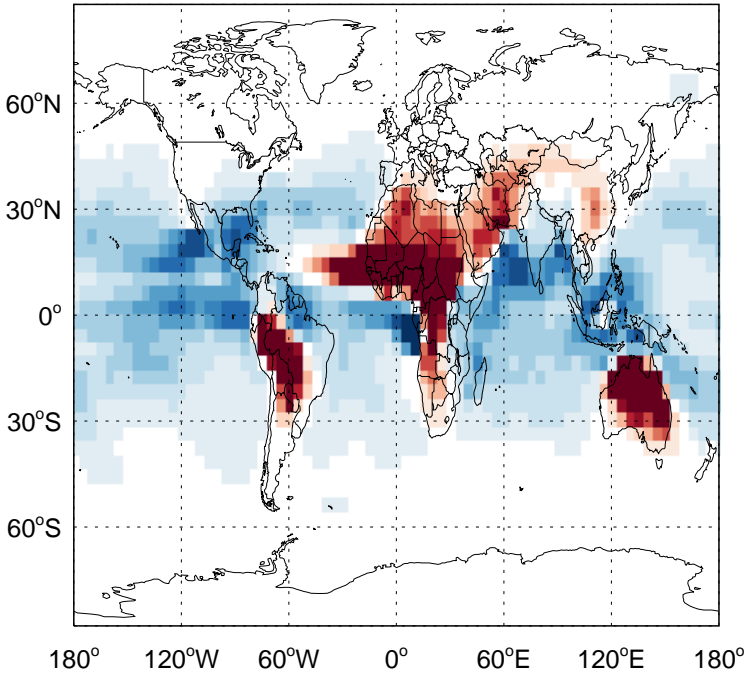
MACRN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

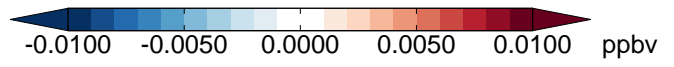
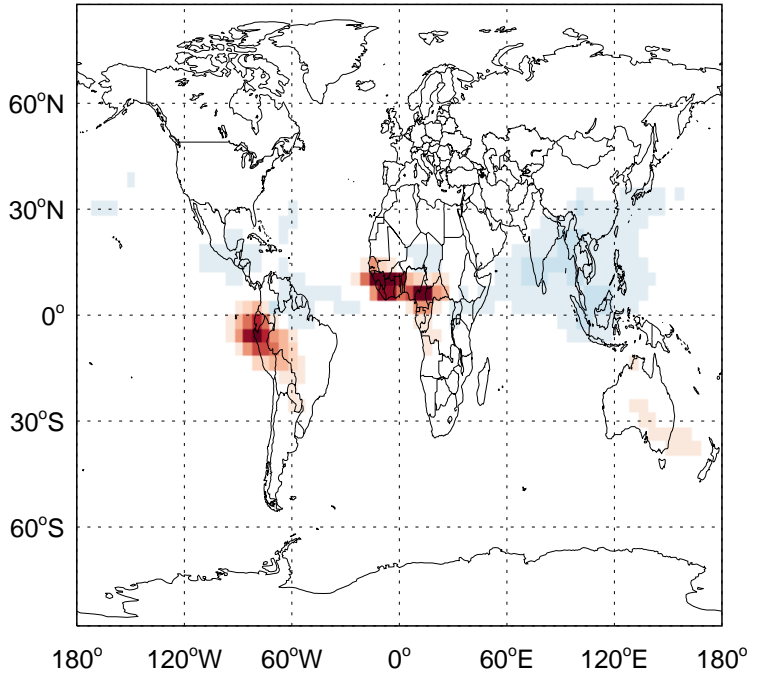
v11-02d - v11-02c

MAP - Diff @ Surface for Oct



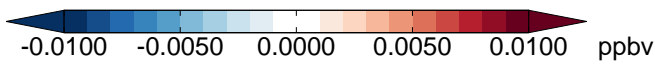
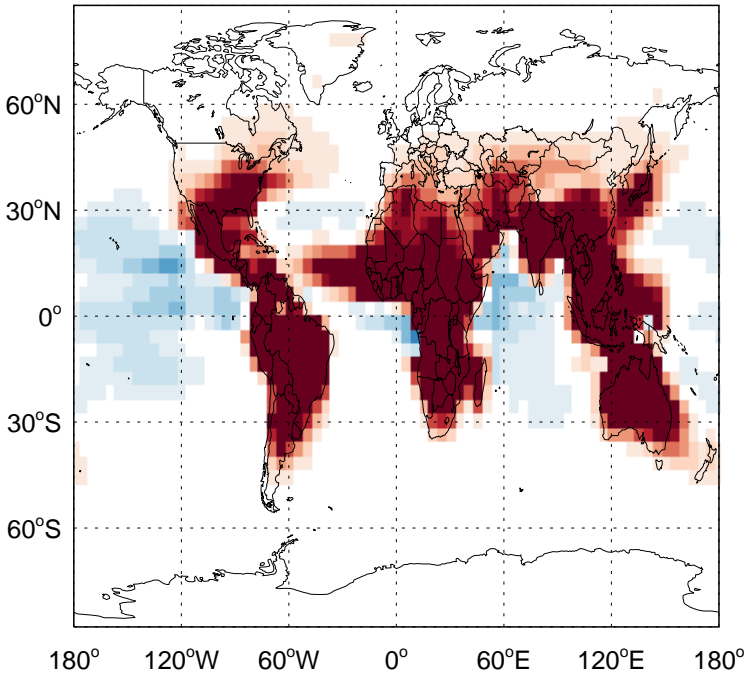
v11-02d - v11-02c

MAP- Diff @ 500 hPa for Oct



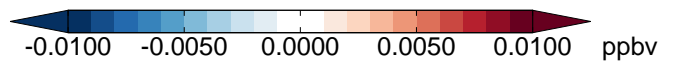
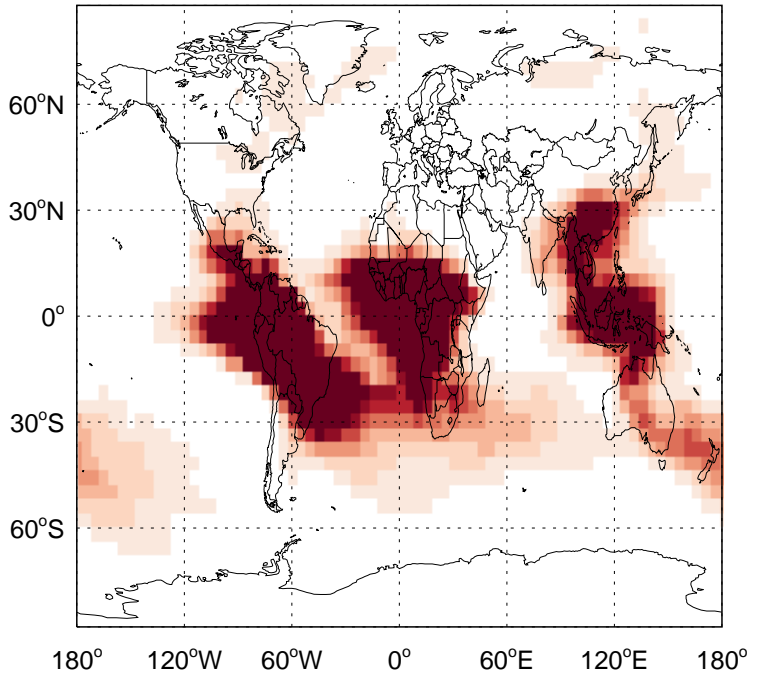
v11-02d - v11-02a

MAP - Diff @ Surface for Oct



v11-02d - v11-02a

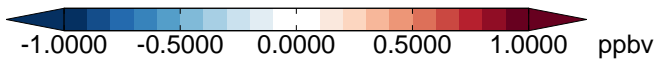
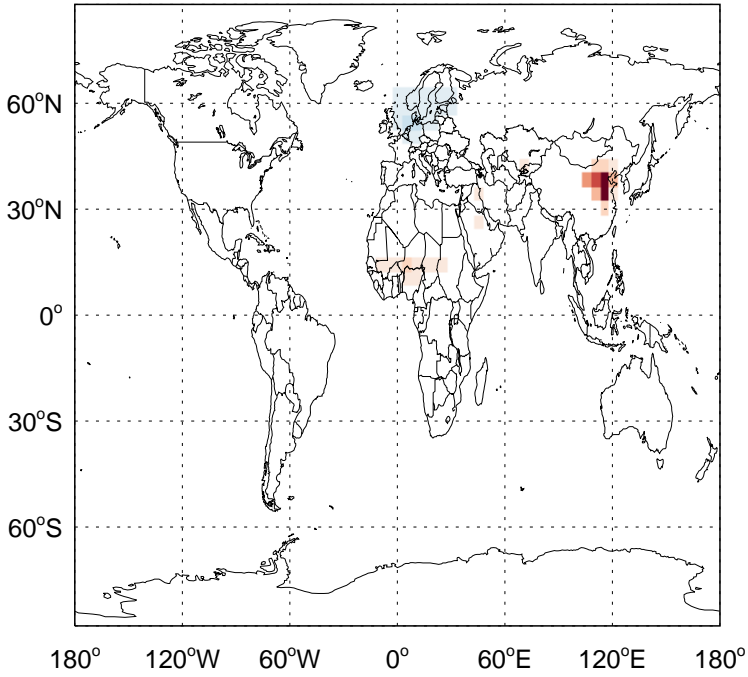
MAP- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

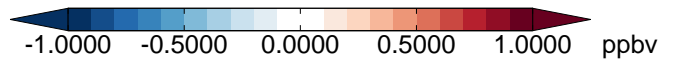
v11-02d - v11-02c

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



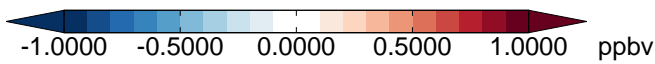
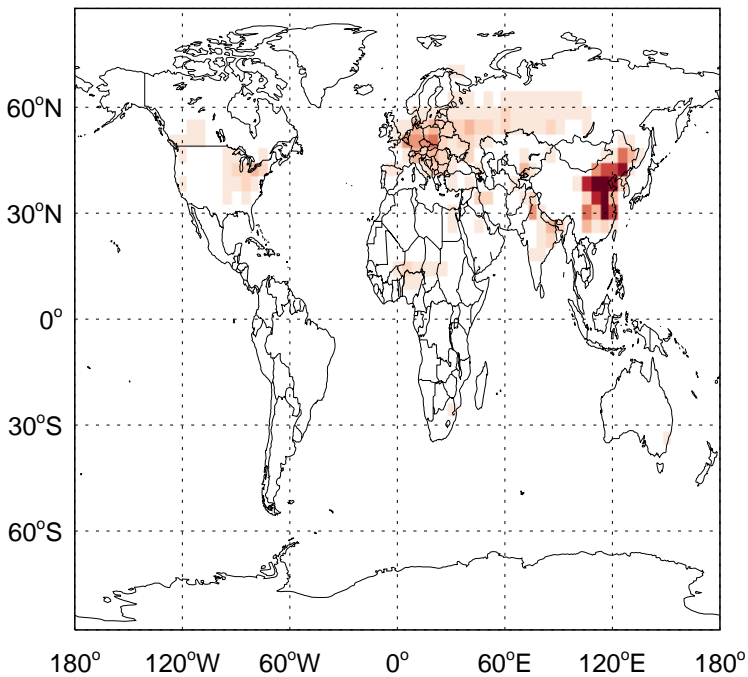
v11-02d - v11-02c

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



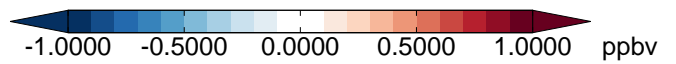
v11-02d - v11-02a

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



v11-02d - v11-02a

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

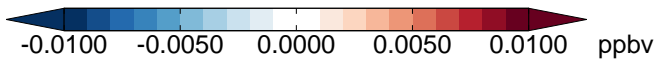
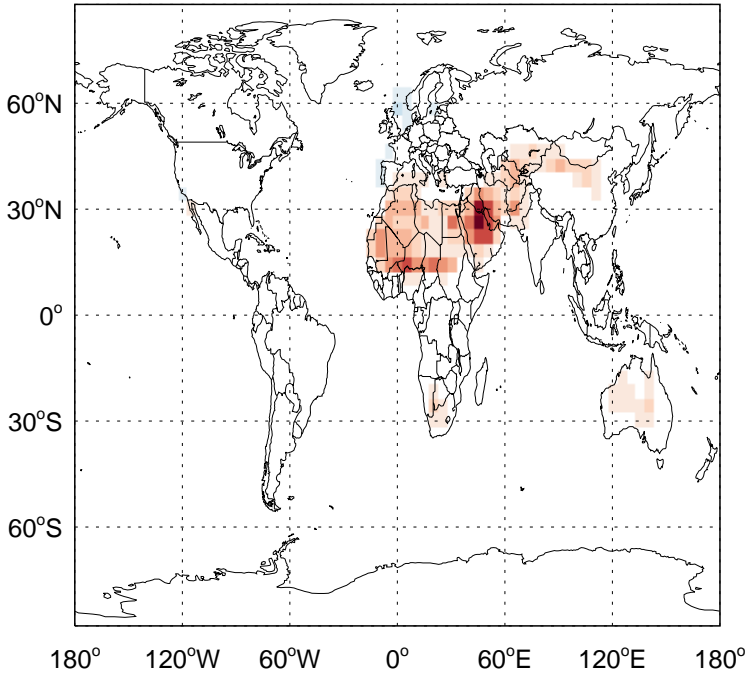




# GEOS-Chem Difference Maps at surface and 500 hPa

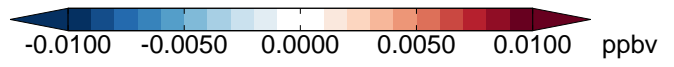
v11-02d - v11-02c

NO<sub>3</sub> - Diff @ Surface for Oct



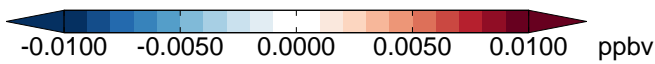
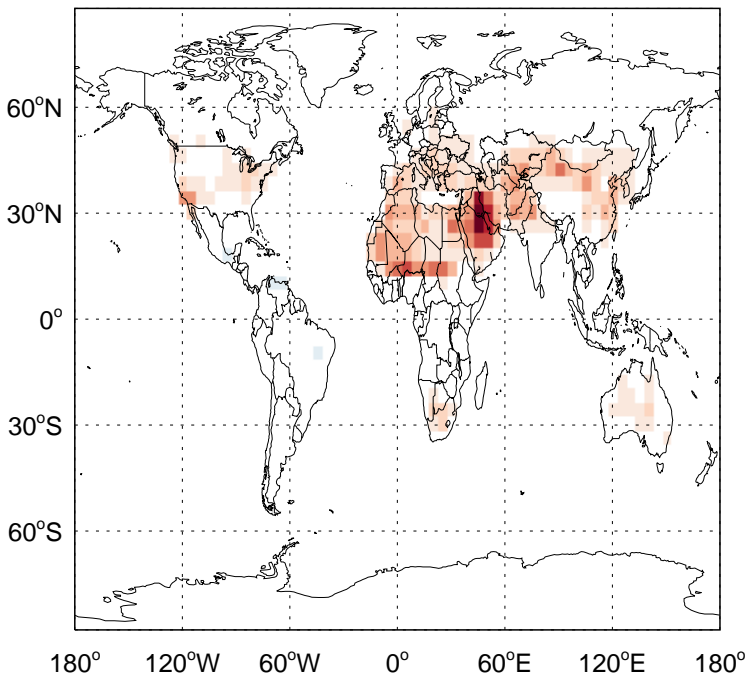
v11-02d - v11-02c

NO<sub>3</sub> - Diff @ 500 hPa for Oct



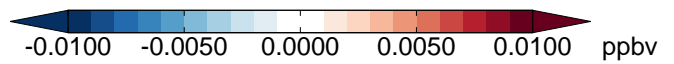
v11-02d - v11-02a

NO<sub>3</sub> - Diff @ Surface for Oct



v11-02d - v11-02a

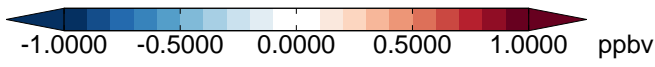
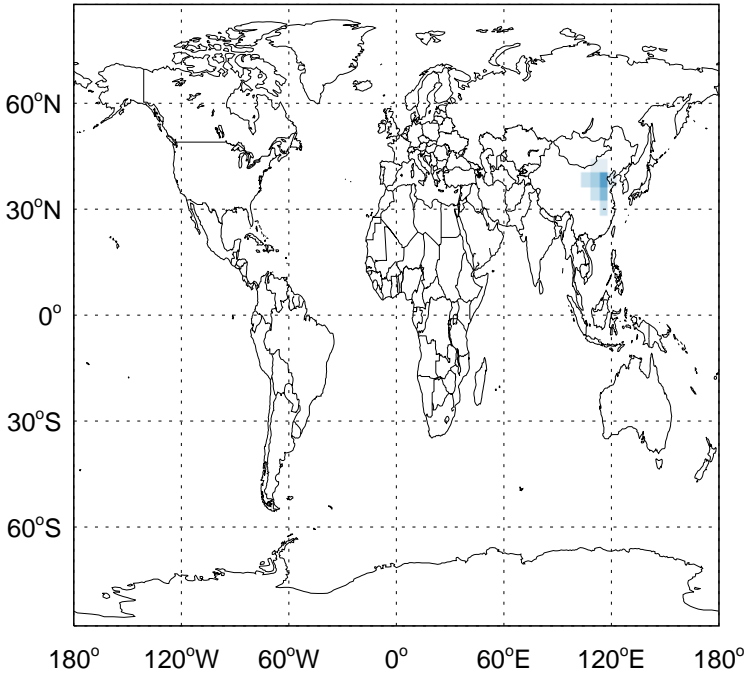
NO<sub>3</sub> - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

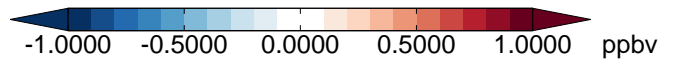
v11-02d - v11-02c

HNO<sub>2</sub> - Diff @ Surface for Oct



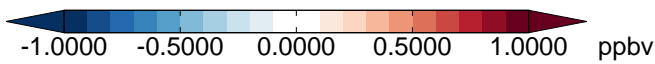
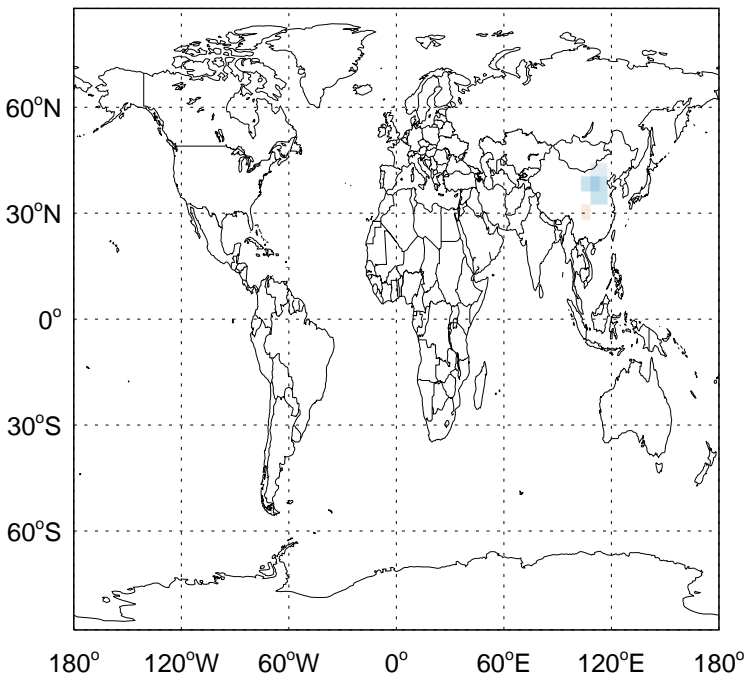
v11-02d - v11-02c

HNO<sub>2</sub> - Diff @ 500 hPa for Oct



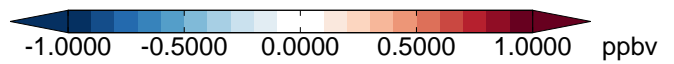
v11-02d - v11-02a

HNO<sub>2</sub> - Diff @ Surface for Oct



v11-02d - v11-02a

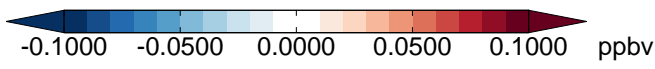
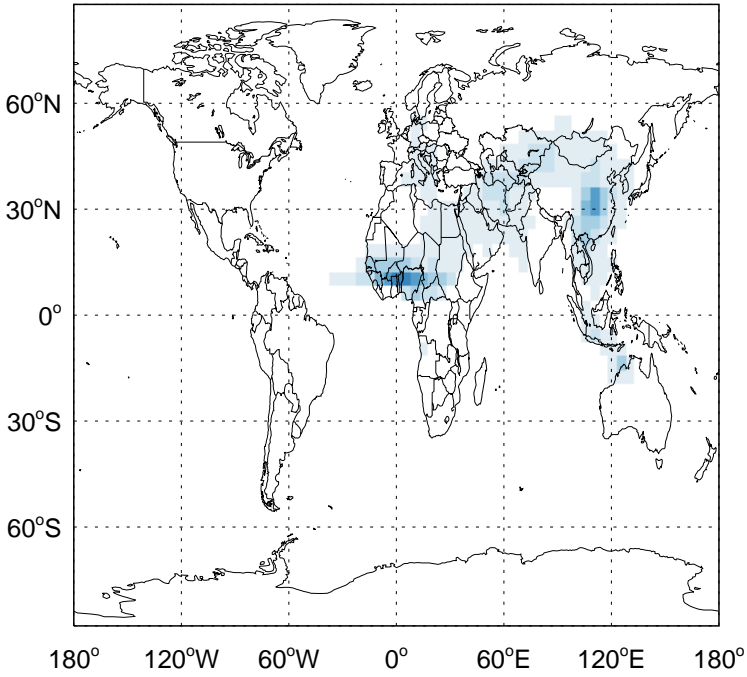
HNO<sub>2</sub> - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

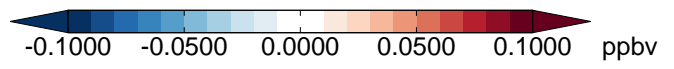
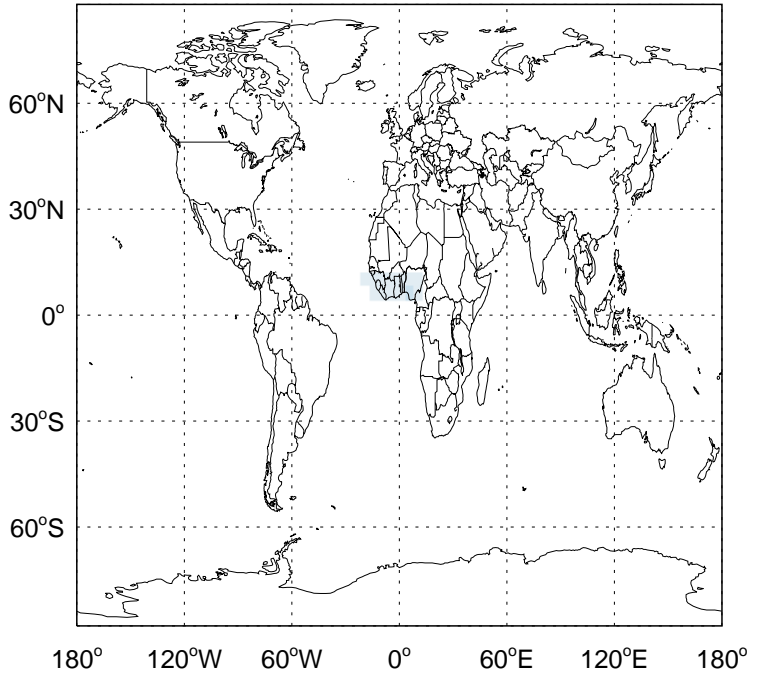
v11-02d - v11-02c

BENZ - Diff @ Surface for Oct



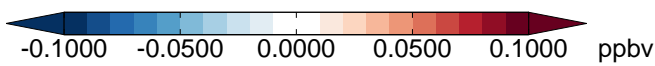
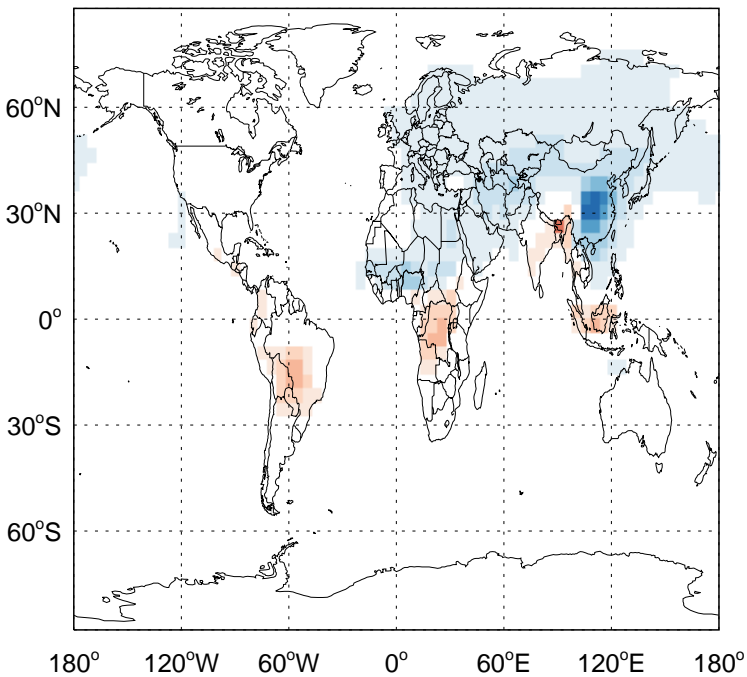
v11-02d - v11-02c

BENZ - Diff @ 500 hPa for Oct



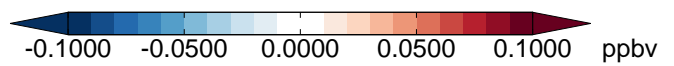
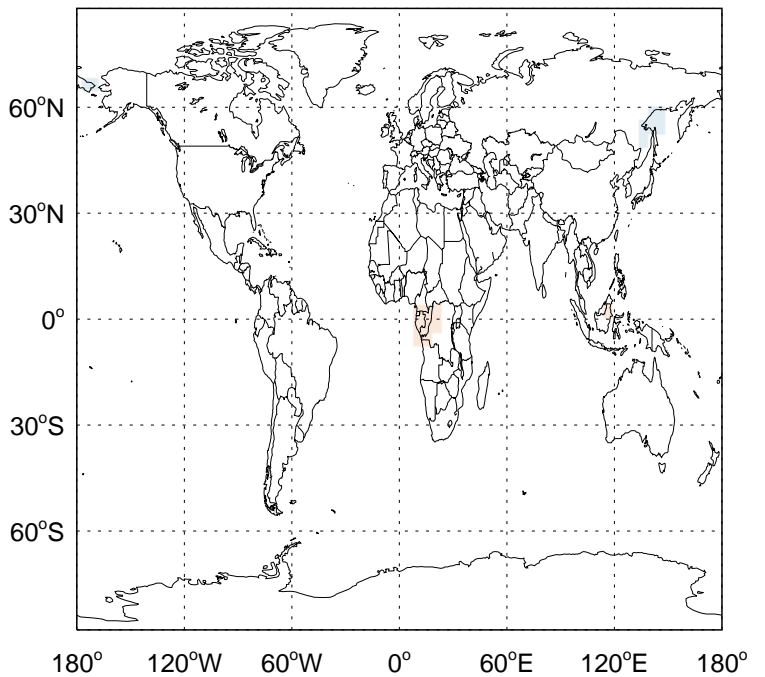
v11-02d - v11-02a

BENZ - Diff @ Surface for Oct



v11-02d - v11-02a

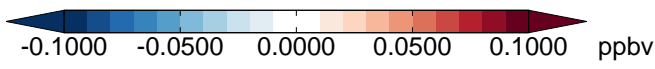
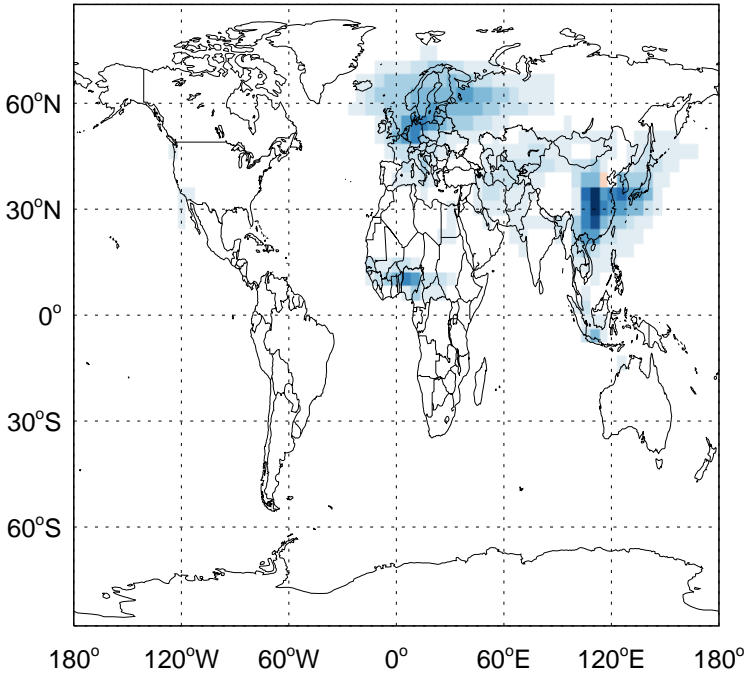
BENZ - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

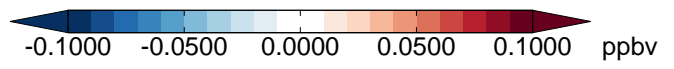
v11-02d - v11-02c

TOLU - Diff @ Surface for Oct



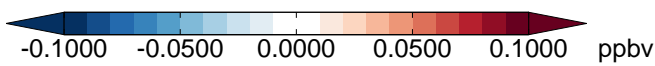
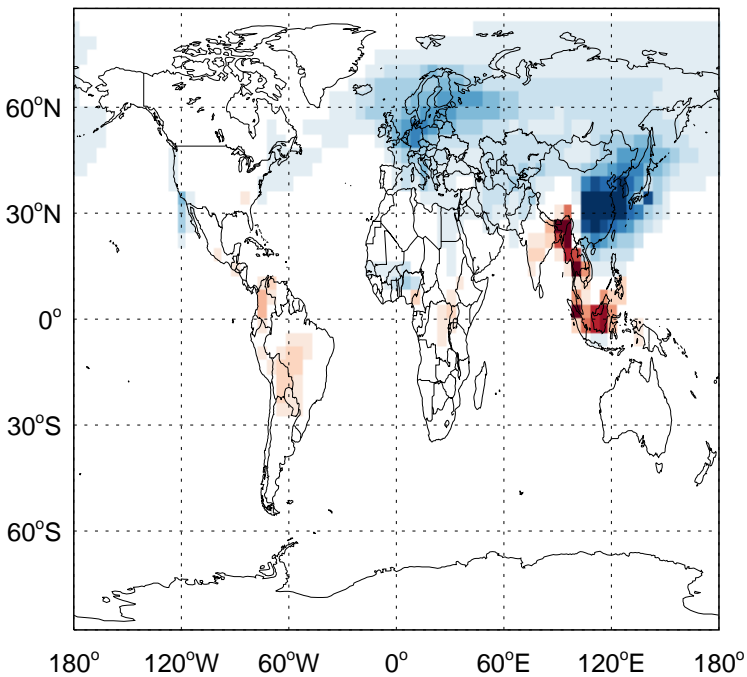
v11-02d - v11-02c

TOLU- Diff @ 500 hPa for Oct



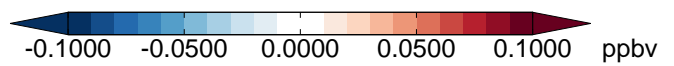
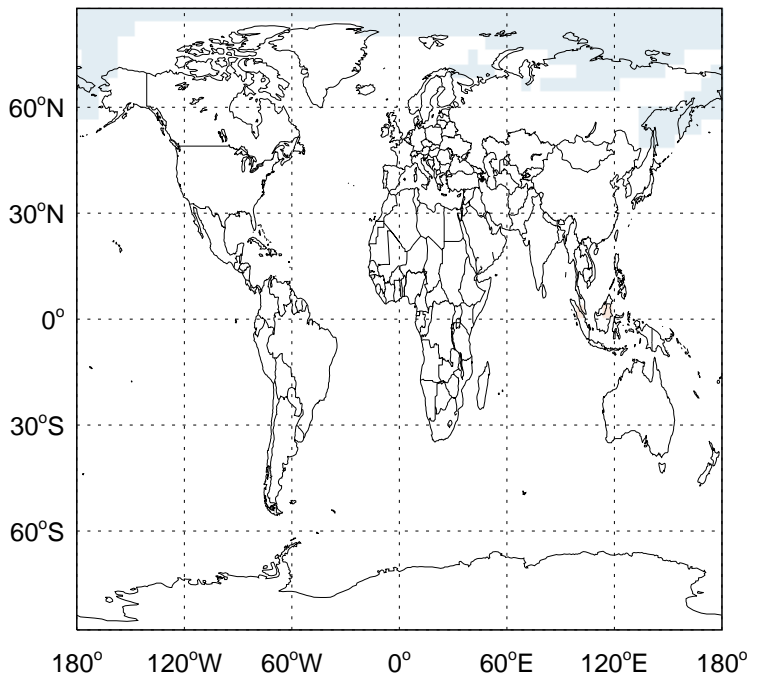
v11-02d - v11-02a

TOLU - Diff @ Surface for Oct



v11-02d - v11-02a

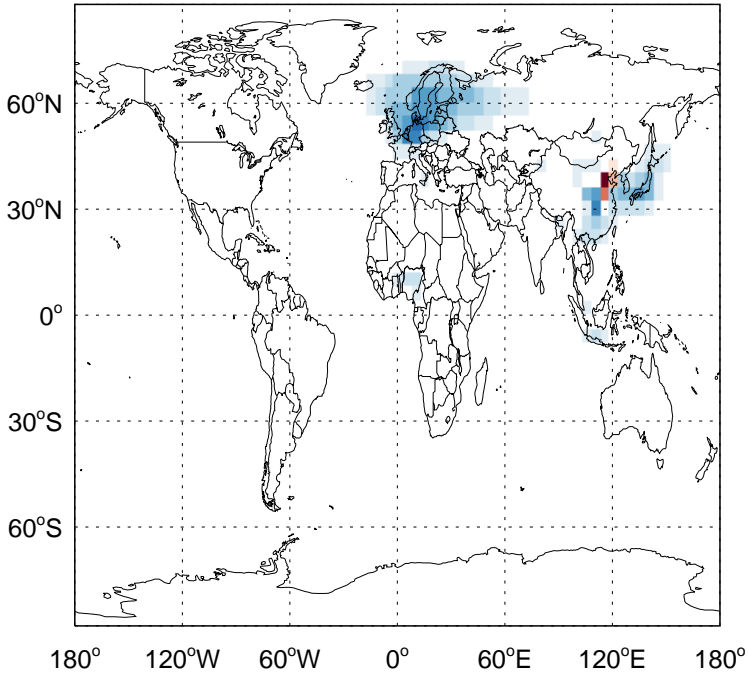
TOLU- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

XYLE - Diff @ Surface for Oct



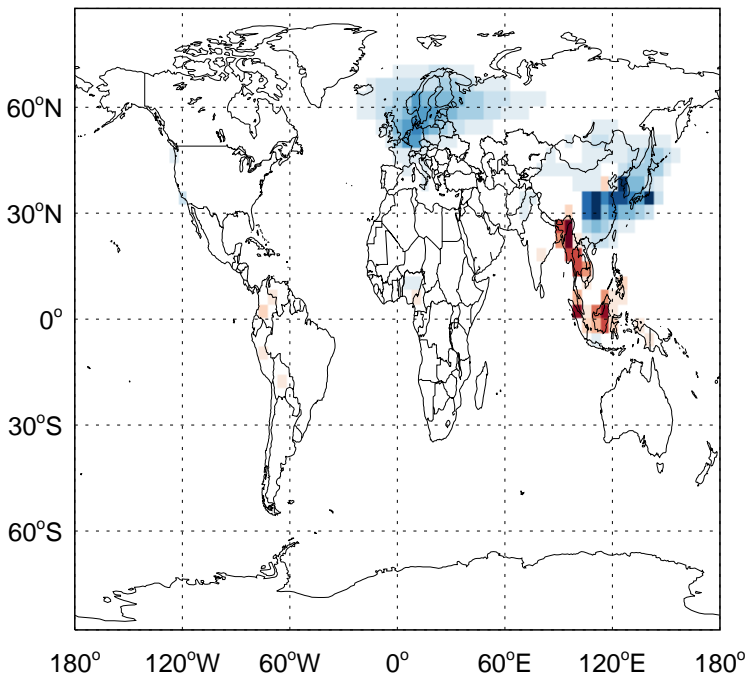
v11-02d - v11-02c

XYLE- Diff @ 500 hPa for Oct



v11-02d - v11-02a

XYLE - Diff @ Surface for Oct



v11-02d - v11-02a

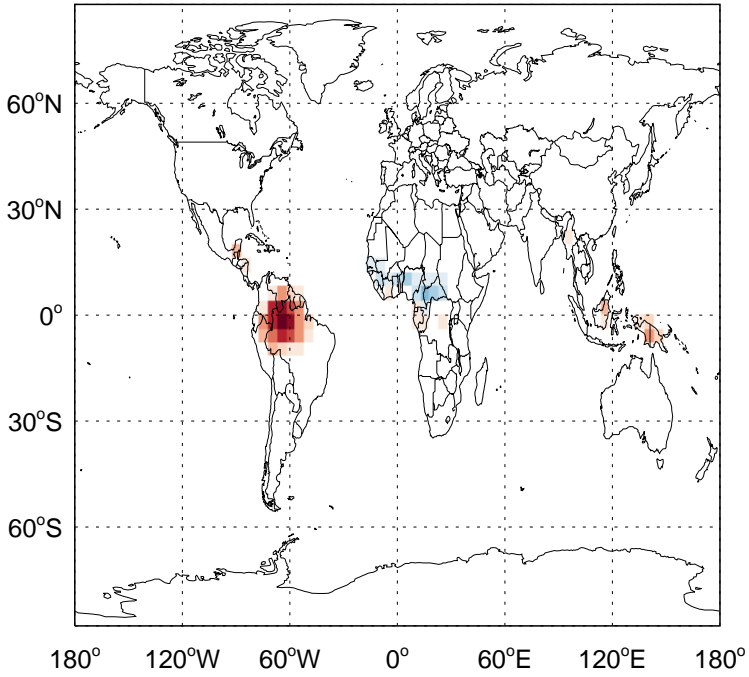
XYLE- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

MTPA - Diff @ Surface for Oct



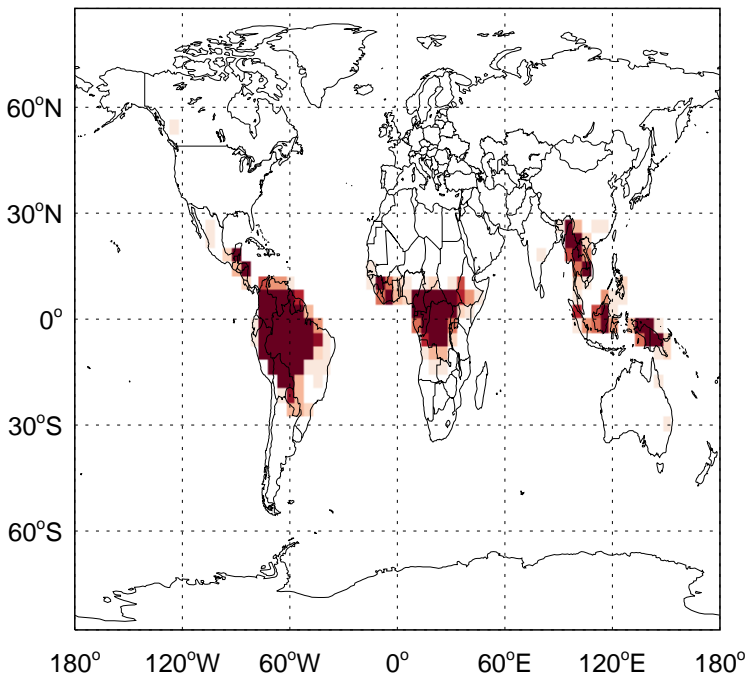
v11-02d - v11-02c

MTPA- Diff @ 500 hPa for Oct



v11-02d - v11-02a

MTPA - Diff @ Surface for Oct



v11-02d - v11-02a

MTPA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

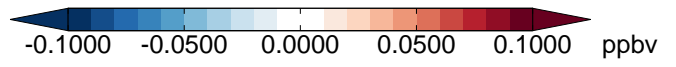
v11-02d - v11-02c

LIMO - Diff @ Surface for Oct



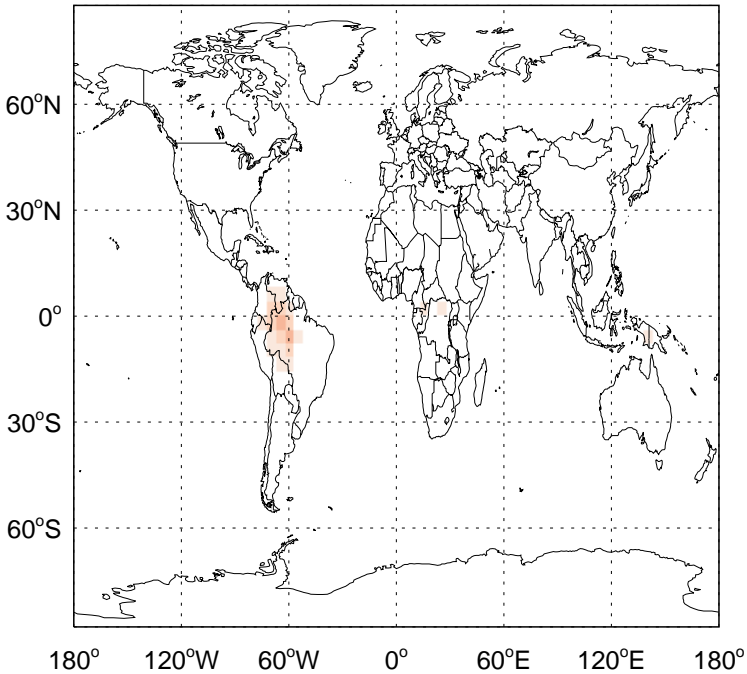
v11-02d - v11-02c

LIMO- Diff @ 500 hPa for Oct



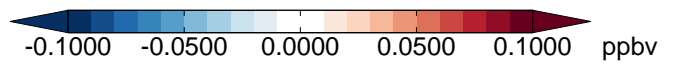
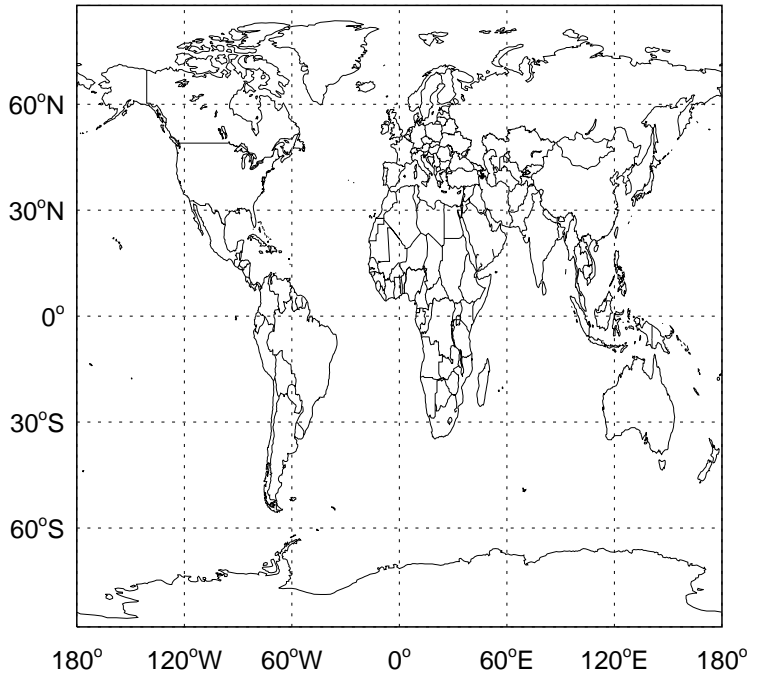
v11-02d - v11-02a

LIMO - Diff @ Surface for Oct



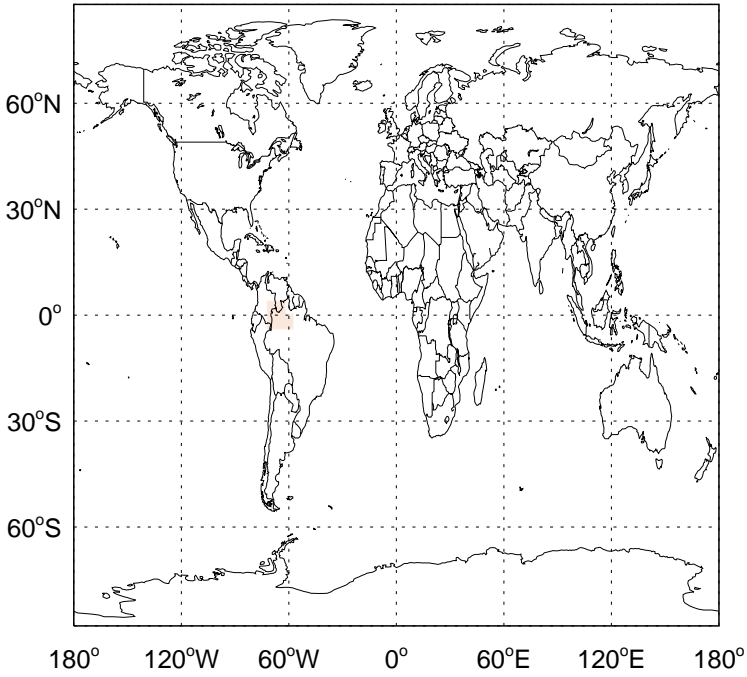
v11-02d - v11-02a

LIMO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

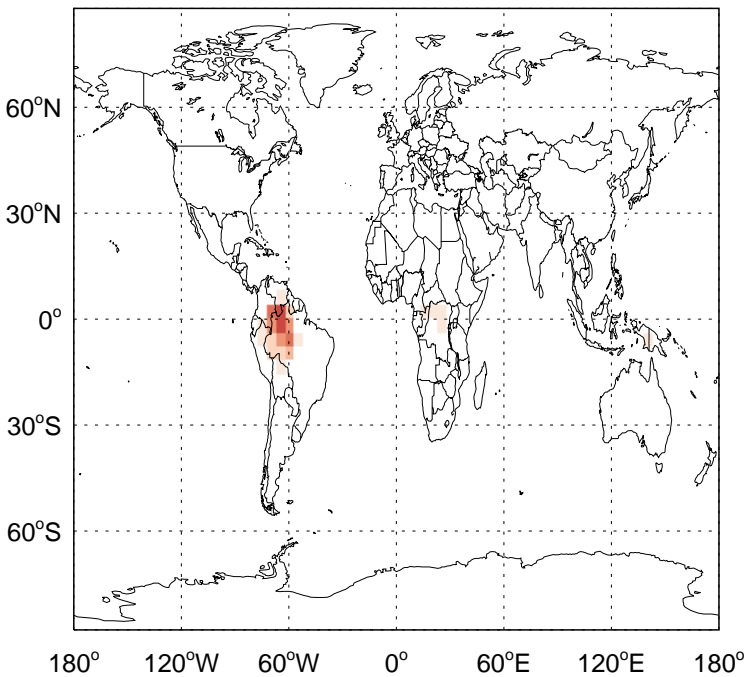
v11-02d - v11-02c  
MTPO - Diff @ Surface for Oct



v11-02d - v11-02c  
MTPO- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
MTPO - Diff @ Surface for Oct



v11-02d - v11-02a  
MTPO- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

TSOG1 - Diff @ Surface for Oct



v11-02d - v11-02c

TSOG1- Diff @ 500 hPa for Oct



v11-02d - v11-02a

TSOG1 - Diff @ Surface for Oct



v11-02d - v11-02a

TSOG1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

TSOG2 - Diff @ Surface for Oct



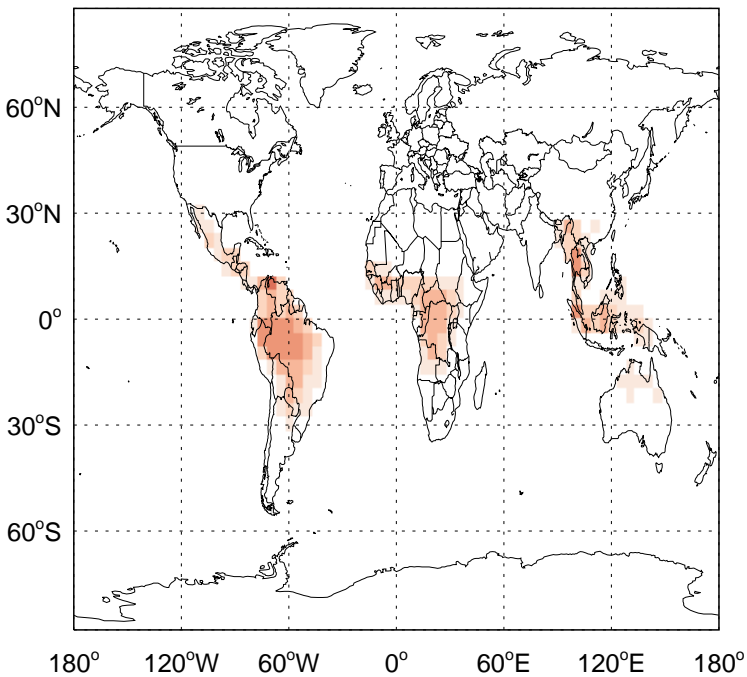
v11-02d - v11-02c

TSOG2- Diff @ 500 hPa for Oct



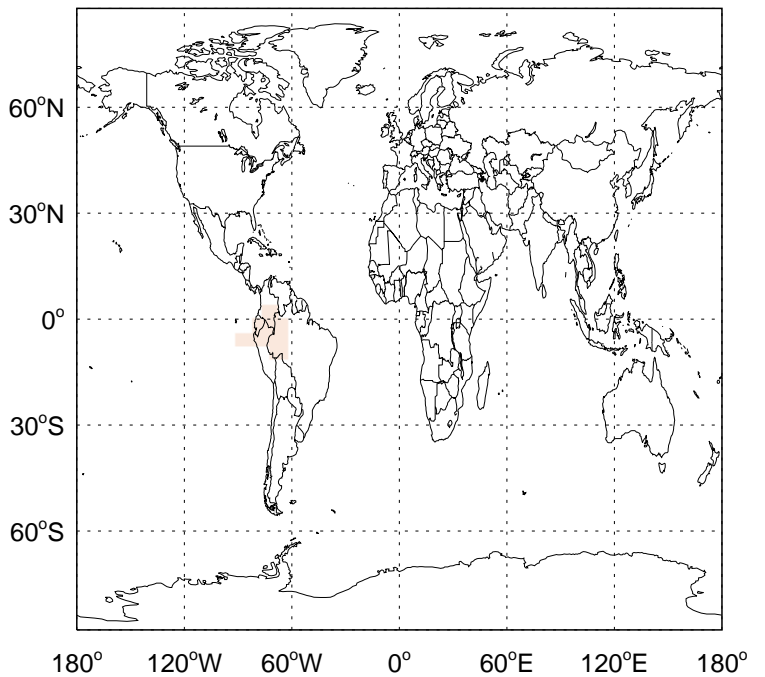
v11-02d - v11-02a

TSOG2 - Diff @ Surface for Oct



v11-02d - v11-02a

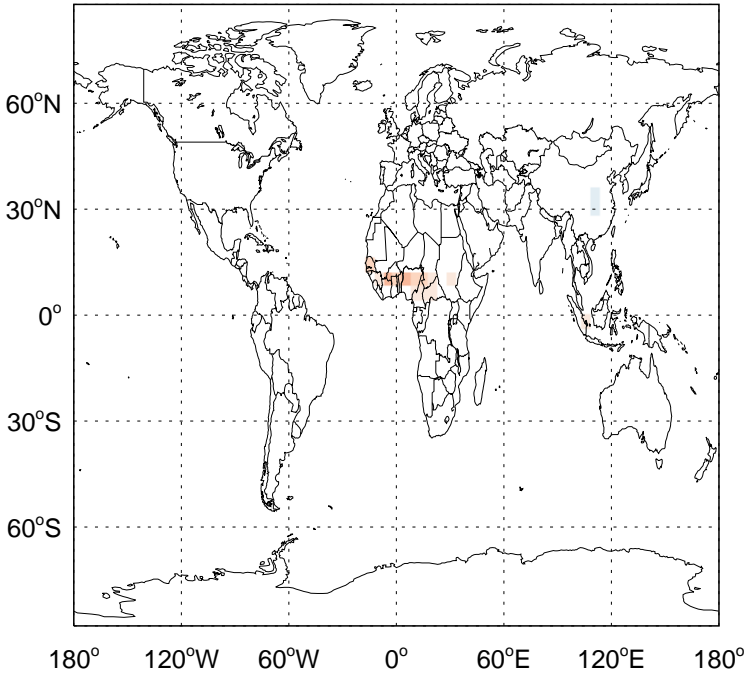
TSOG2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

TSOG3 - Diff @ Surface for Oct



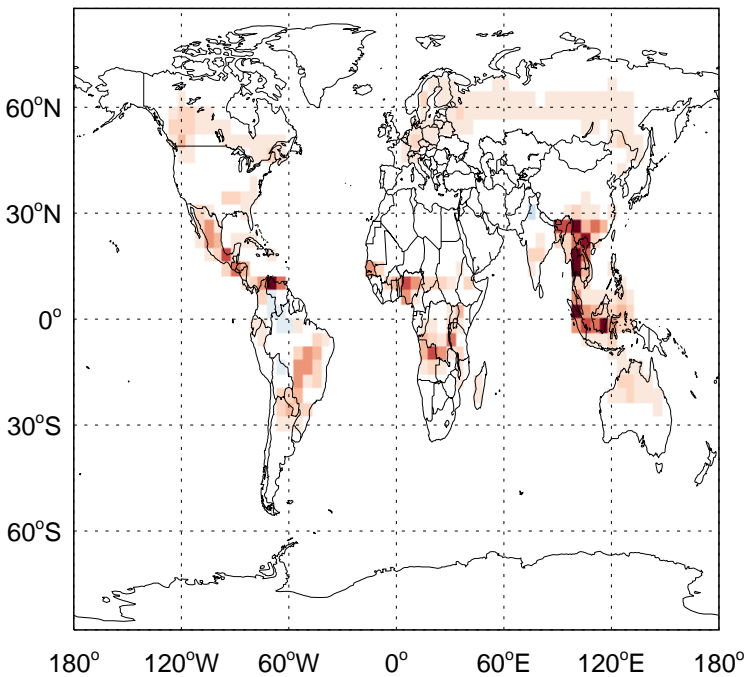
v11-02d - v11-02c

TSOG3- Diff @ 500 hPa for Oct



v11-02d - v11-02a

TSOG3 - Diff @ Surface for Oct



v11-02d - v11-02a

TSOG3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

TSOG0 - Diff @ Surface for Oct



v11-02d - v11-02c

TSOG0- Diff @ 500 hPa for Oct



v11-02d - v11-02a

TSOG0 - Diff @ Surface for Oct



v11-02d - v11-02a

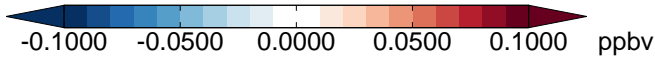
TSOG0- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

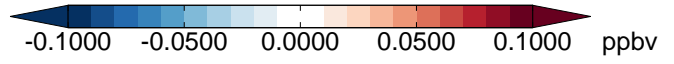
v11-02d - v11-02c

TSOA1 - Diff @ Surface for Oct



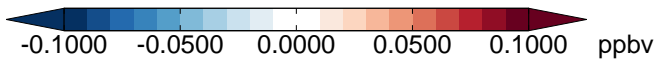
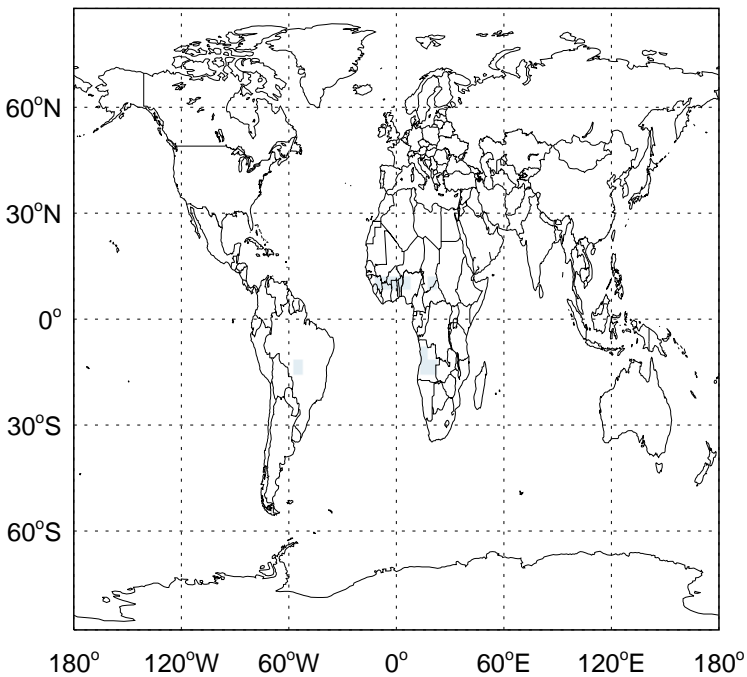
v11-02d - v11-02c

TSOA1- Diff @ 500 hPa for Oct



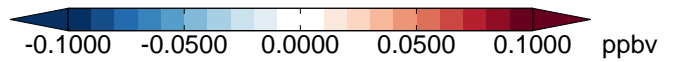
v11-02d - v11-02a

TSOA1 - Diff @ Surface for Oct



v11-02d - v11-02a

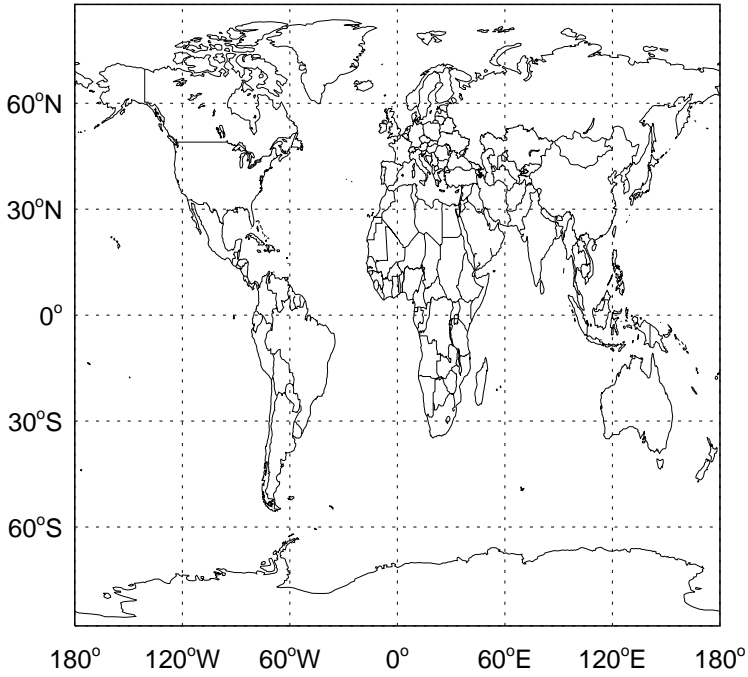
TSOA1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

TSOA2 - Diff @ Surface for Oct



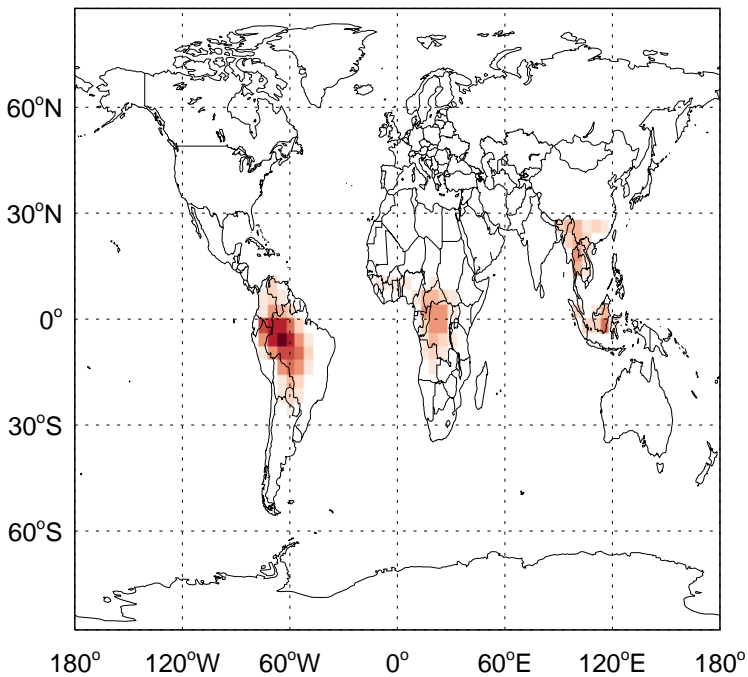
v11-02d - v11-02c

TSOA2- Diff @ 500 hPa for Oct



v11-02d - v11-02a

TSOA2 - Diff @ Surface for Oct



v11-02d - v11-02a

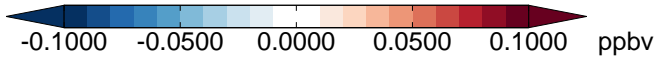
TSOA2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

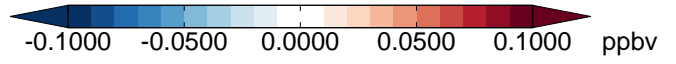
v11-02d - v11-02c

TSOA3 - Diff @ Surface for Oct



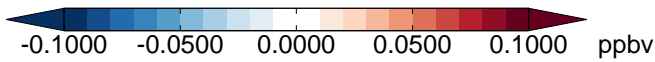
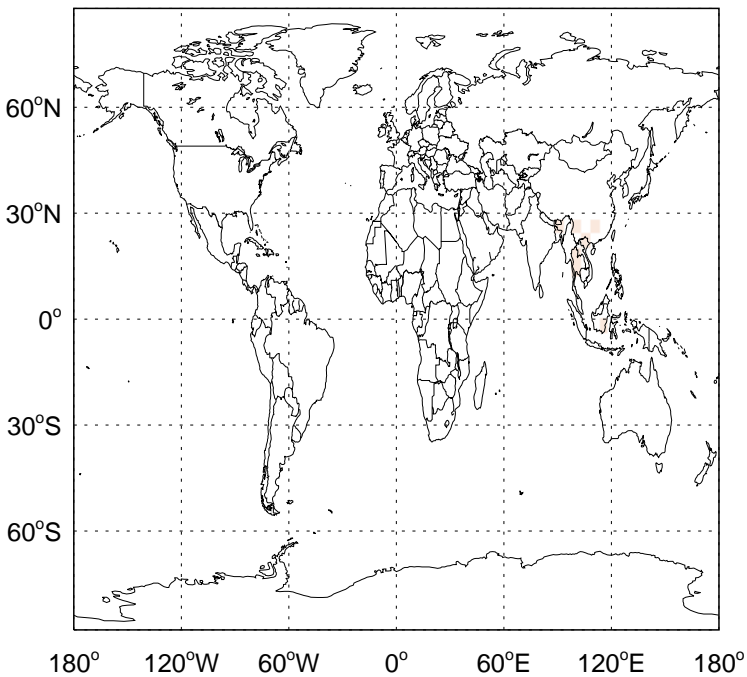
v11-02d - v11-02c

TSOA3- Diff @ 500 hPa for Oct



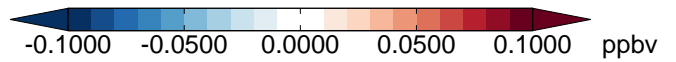
v11-02d - v11-02a

TSOA3 - Diff @ Surface for Oct



v11-02d - v11-02a

TSOA3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

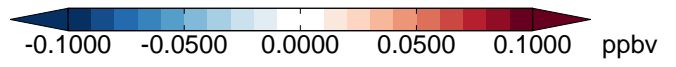
v11-02d - v11-02c

TSOA0 - Diff @ Surface for Oct



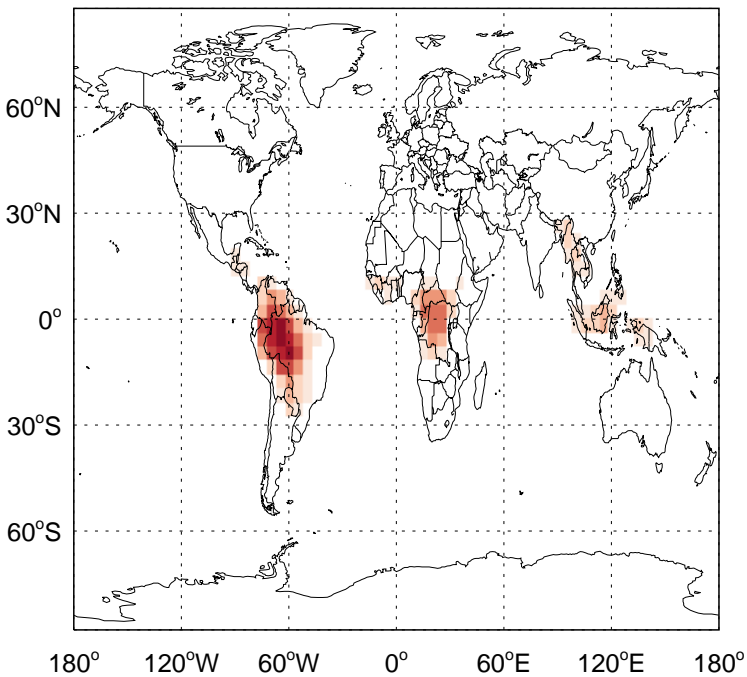
v11-02d - v11-02c

TSOA0- Diff @ 500 hPa for Oct



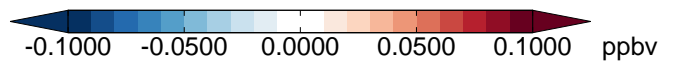
v11-02d - v11-02a

TSOA0 - Diff @ Surface for Oct



v11-02d - v11-02a

TSOA0- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISOG1 - Diff @ Surface for Oct



v11-02d - v11-02c

ISOG1- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISOG1 - Diff @ Surface for Oct



v11-02d - v11-02a

ISOG1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

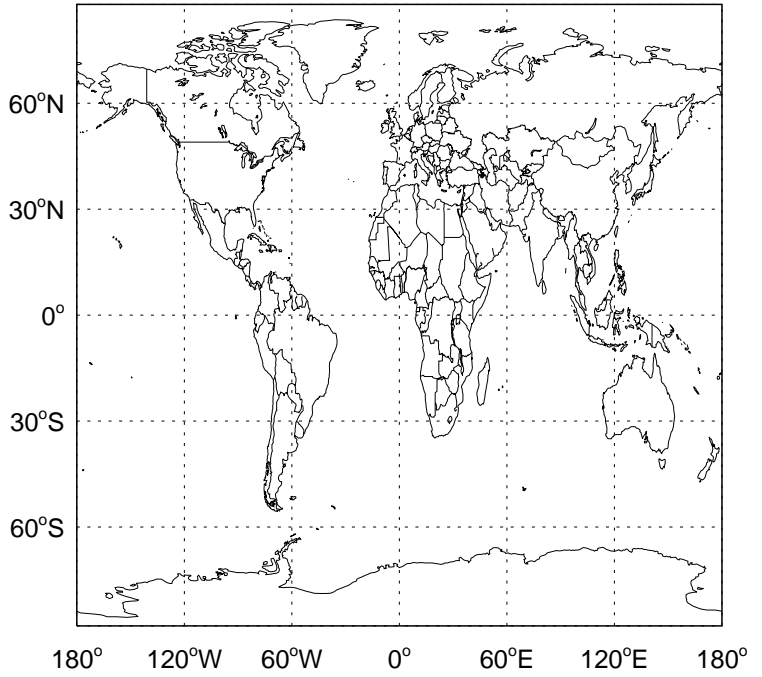
v11-02d - v11-02c

ISOG2 - Diff @ Surface for Oct



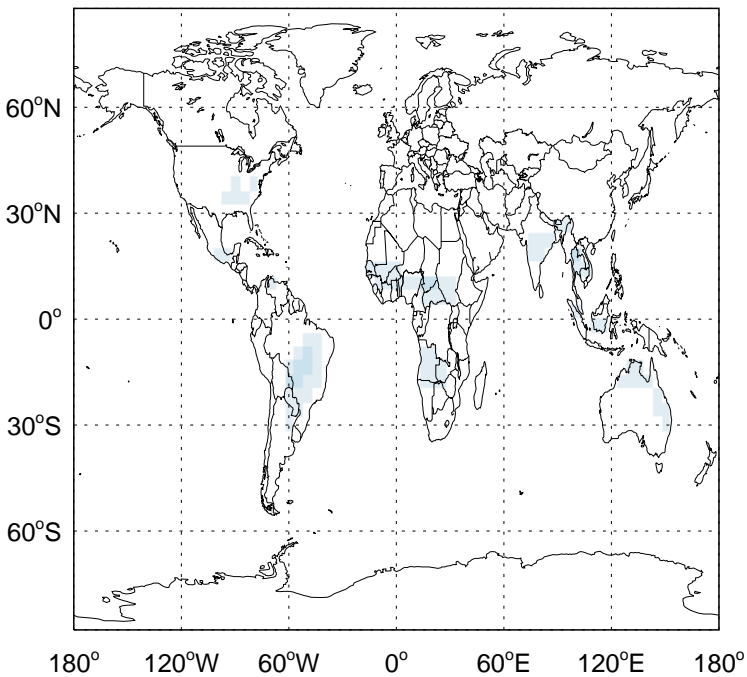
v11-02d - v11-02c

ISOG2- Diff @ 500 hPa for Oct



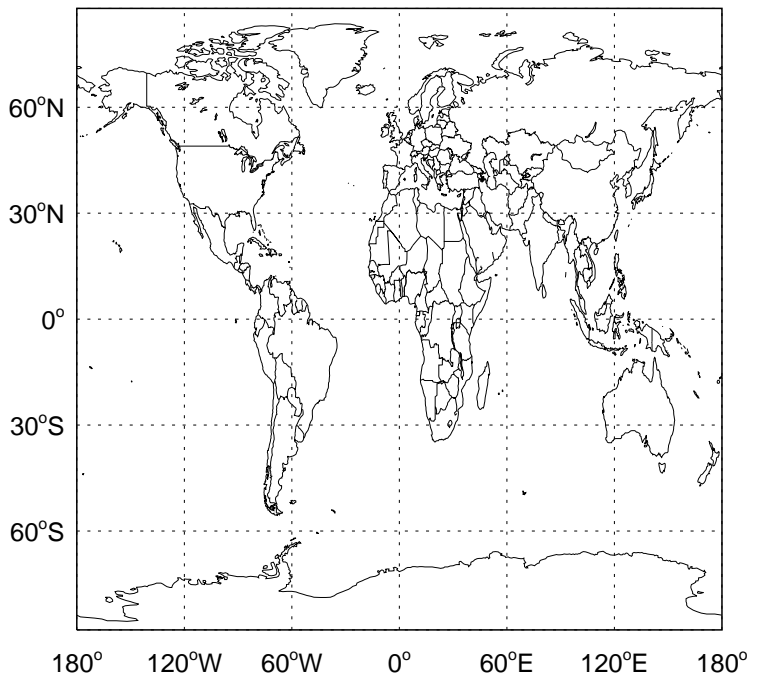
v11-02d - v11-02a

ISOG2 - Diff @ Surface for Oct



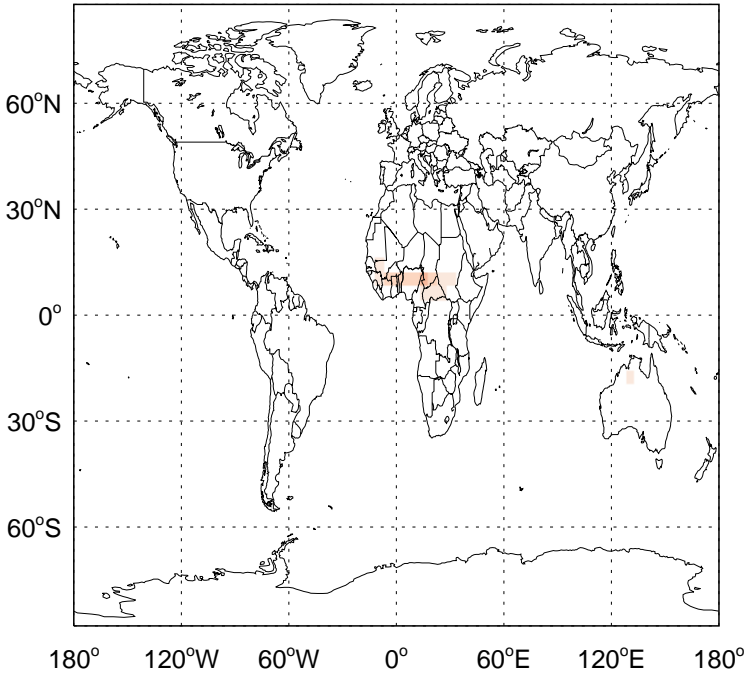
v11-02d - v11-02a

ISOG2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

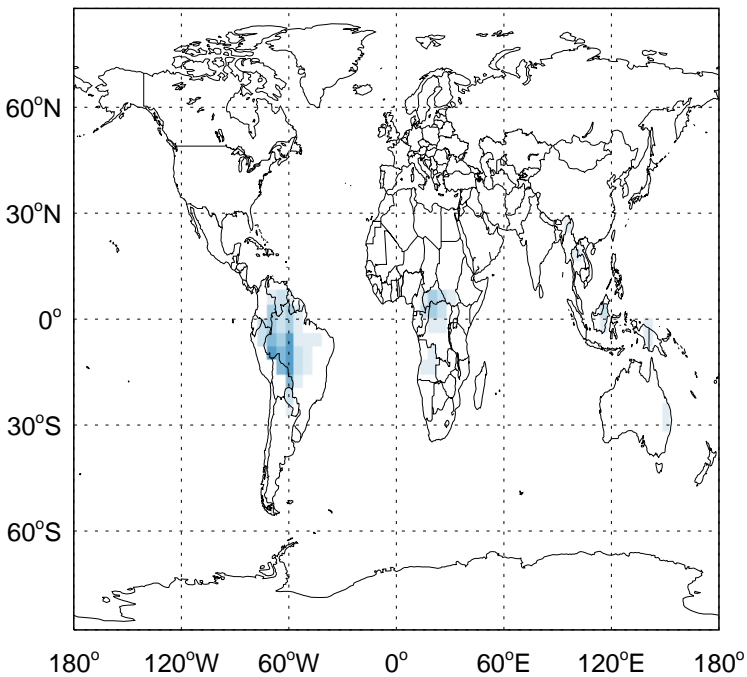
v11-02d - v11-02c  
ISOG3 - Diff @ Surface for Oct



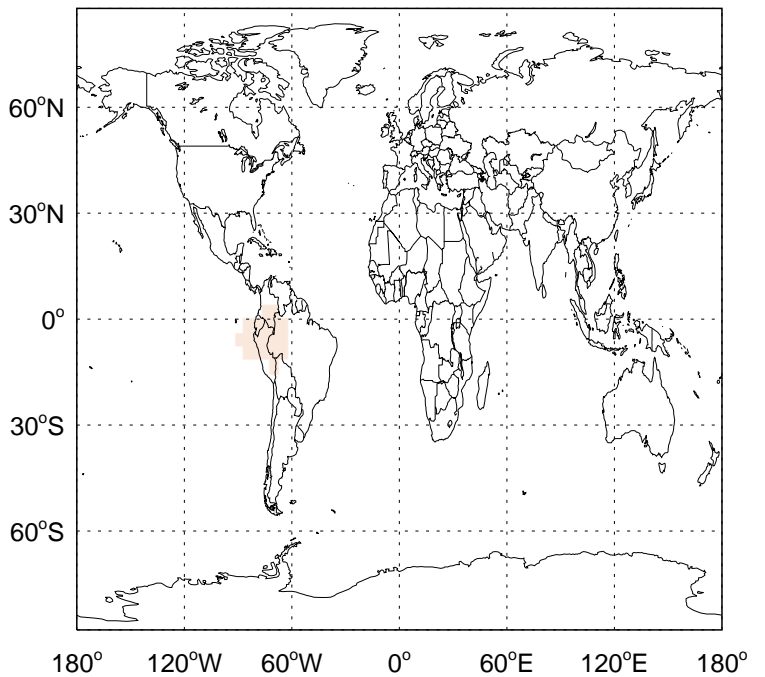
v11-02d - v11-02c  
ISOG3- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
ISOG3 - Diff @ Surface for Oct



v11-02d - v11-02a  
ISOG3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISOA1 - Diff @ Surface for Oct



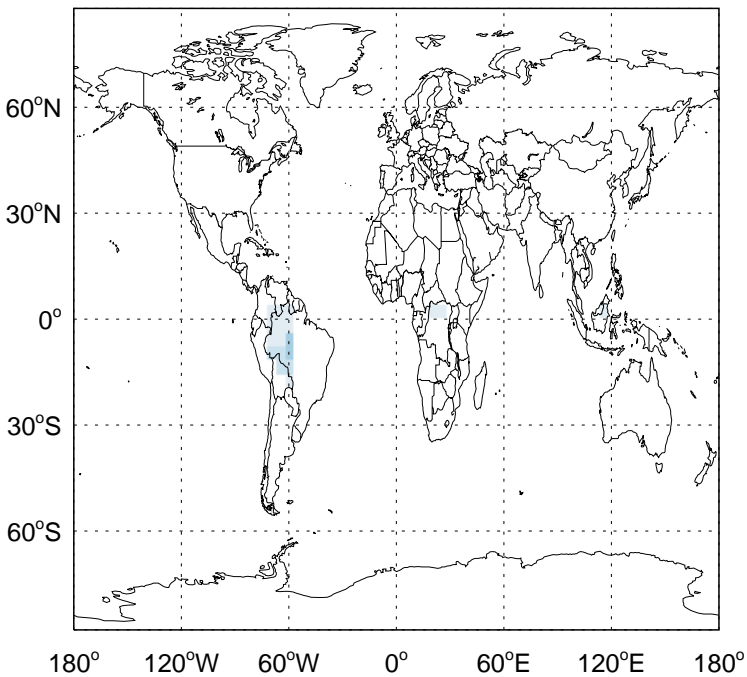
v11-02d - v11-02c

ISOA1- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISOA1 - Diff @ Surface for Oct



v11-02d - v11-02a

ISOA1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISOA2 - Diff @ Surface for Oct



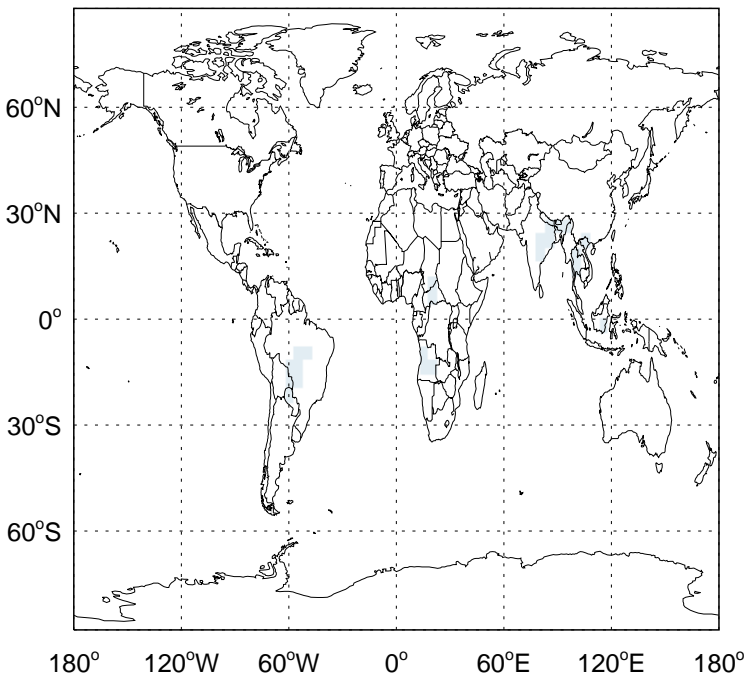
v11-02d - v11-02c

ISOA2- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISOA2 - Diff @ Surface for Oct



v11-02d - v11-02a

ISOA2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISOA3 - Diff @ Surface for Oct



v11-02d - v11-02c

ISOA3- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISOA3 - Diff @ Surface for Oct



v11-02d - v11-02a

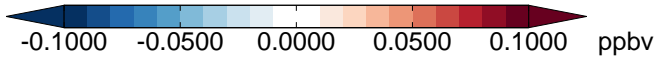
ISOA3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

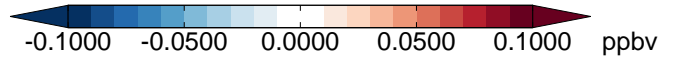
v11-02d - v11-02c

ASOG1 - Diff @ Surface for Oct



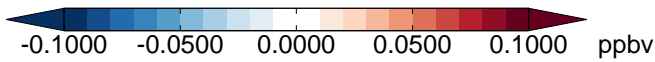
v11-02d - v11-02c

ASOG1- Diff @ 500 hPa for Oct



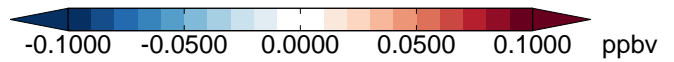
v11-02d - v11-02a

ASOG1 - Diff @ Surface for Oct



v11-02d - v11-02a

ASOG1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ASOG2 - Diff @ Surface for Oct



v11-02d - v11-02c

ASOG2- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ASOG2 - Diff @ Surface for Oct



v11-02d - v11-02a

ASOG2- Diff @ 500 hPa for Oct

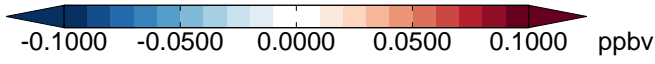




# GEOS-Chem Difference Maps at surface and 500 hPa

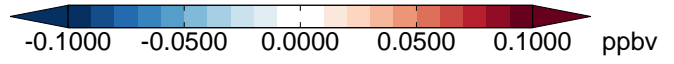
v11-02d - v11-02c

ASOG3 - Diff @ Surface for Oct



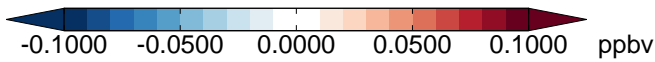
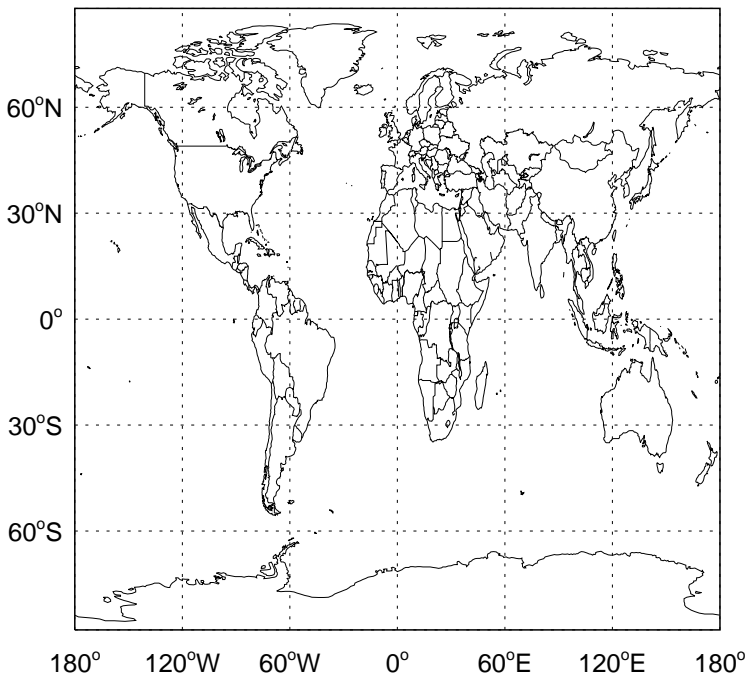
v11-02d - v11-02c

ASOG3- Diff @ 500 hPa for Oct



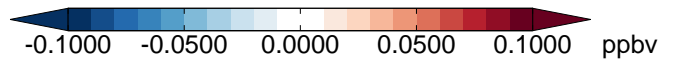
v11-02d - v11-02a

ASOG3 - Diff @ Surface for Oct



v11-02d - v11-02a

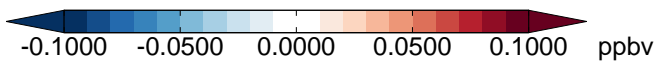
ASOG3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

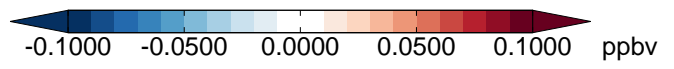
v11-02d - v11-02c

ASOAN - Diff @ Surface for Oct



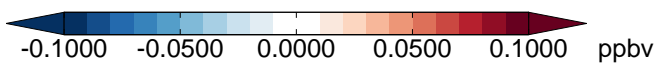
v11-02d - v11-02c

ASOAN- Diff @ 500 hPa for Oct



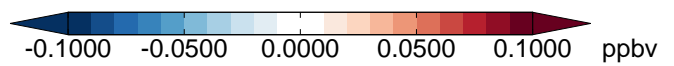
v11-02d - v11-02a

ASOAN - Diff @ Surface for Oct



v11-02d - v11-02a

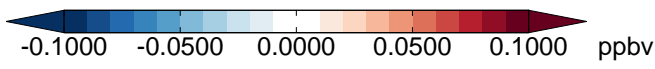
ASOAN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

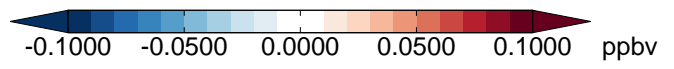
v11-02d - v11-02c

ASOA1 - Diff @ Surface for Oct



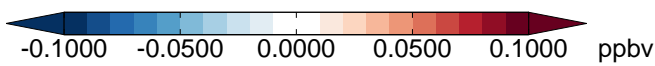
v11-02d - v11-02c

ASOA1- Diff @ 500 hPa for Oct



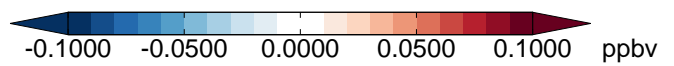
v11-02d - v11-02a

ASOA1 - Diff @ Surface for Oct



v11-02d - v11-02a

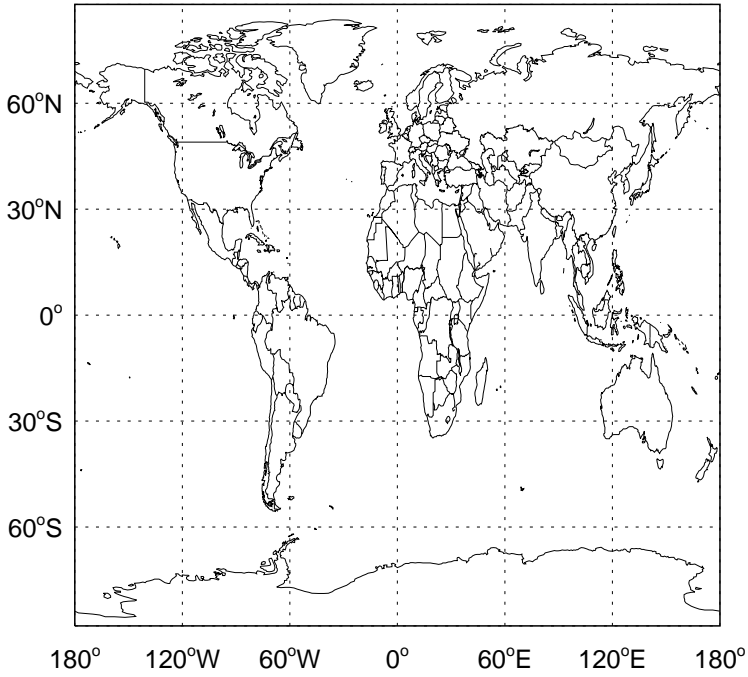
ASOA1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ASOA2 - Diff @ Surface for Oct



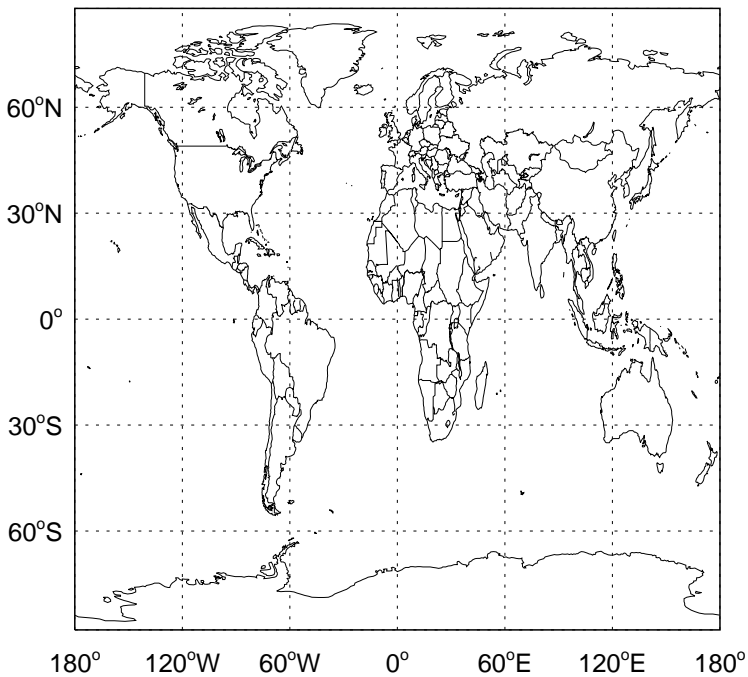
v11-02d - v11-02c

ASOA2- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ASOA2 - Diff @ Surface for Oct



v11-02d - v11-02a

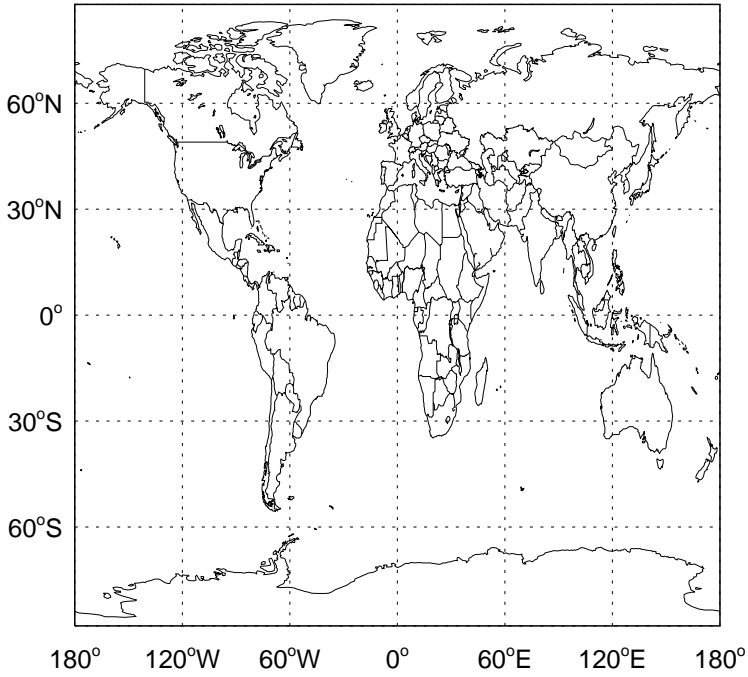
ASOA2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ASOA3 - Diff @ Surface for Oct



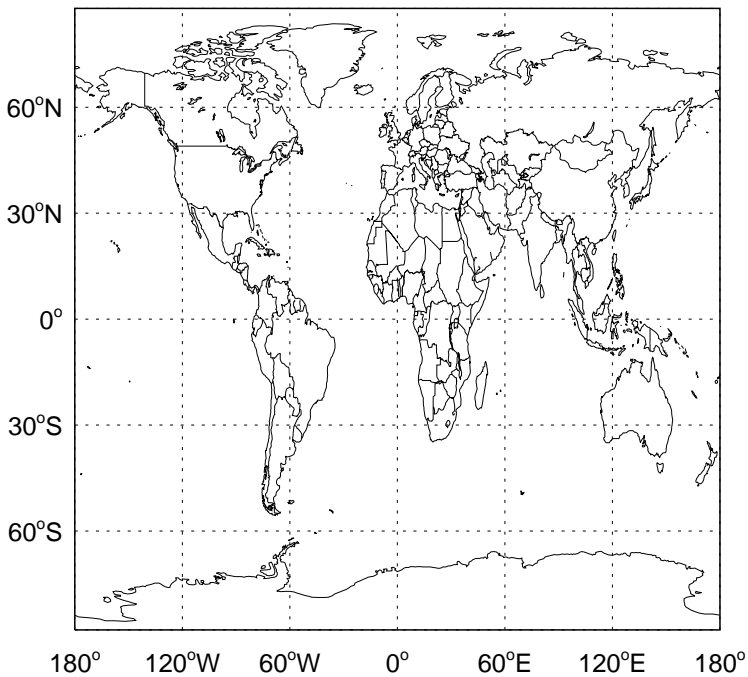
v11-02d - v11-02c

ASOA3- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ASOA3 - Diff @ Surface for Oct



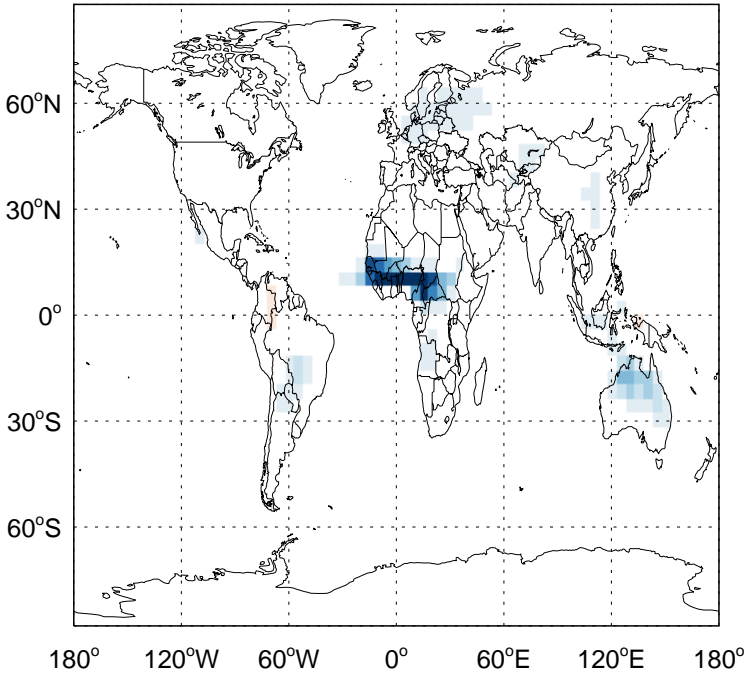
v11-02d - v11-02a

ASOA3- Diff @ 500 hPa for Oct

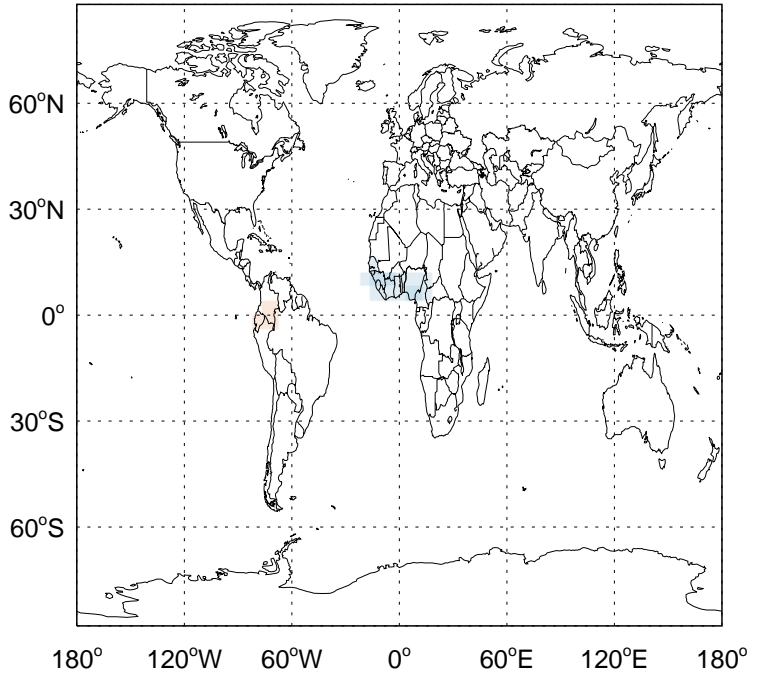


# GEOS-Chem Difference Maps at surface and 500 hPa

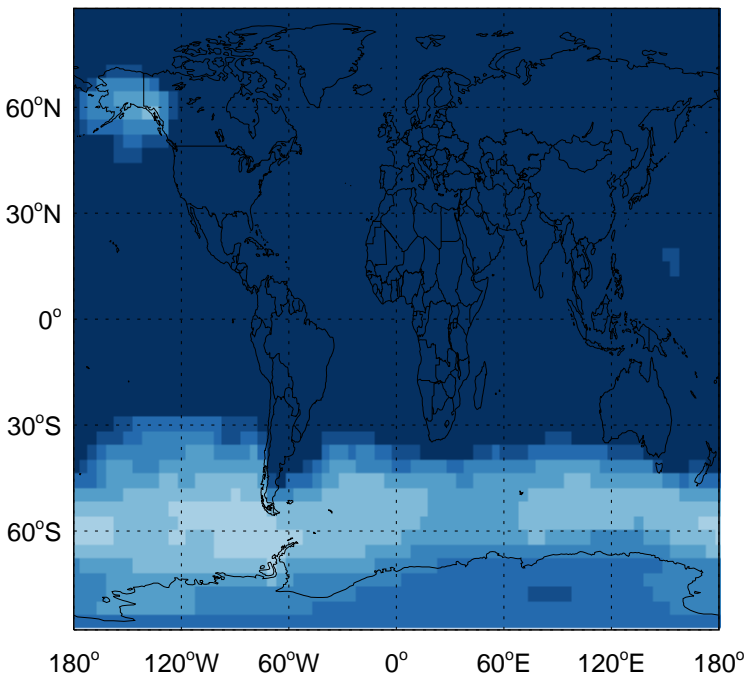
v11-02d - v11-02c  
EOH - Diff @ Surface for Oct



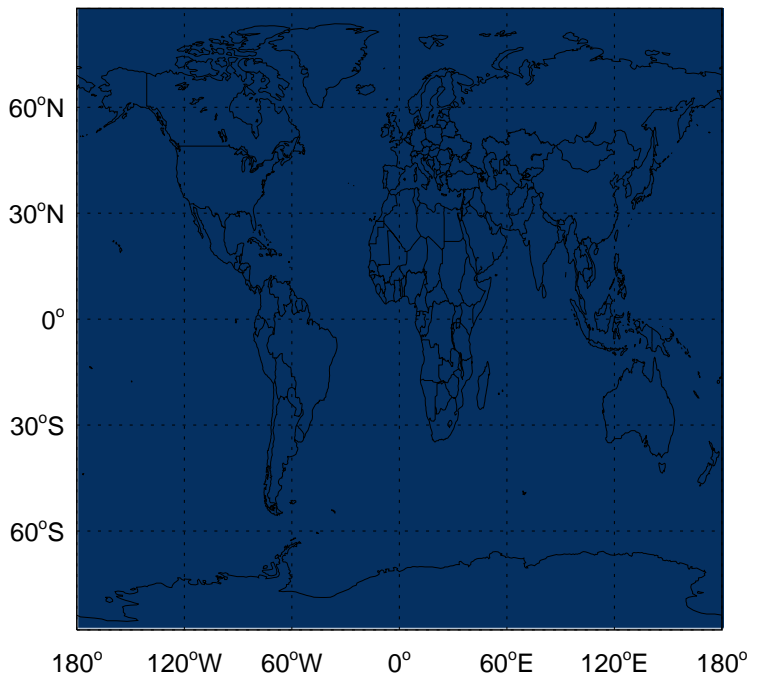
v11-02d - v11-02c  
EOH- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
EOH - Diff @ Surface for Oct



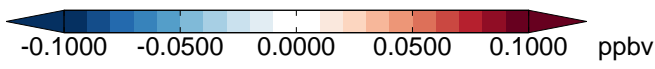
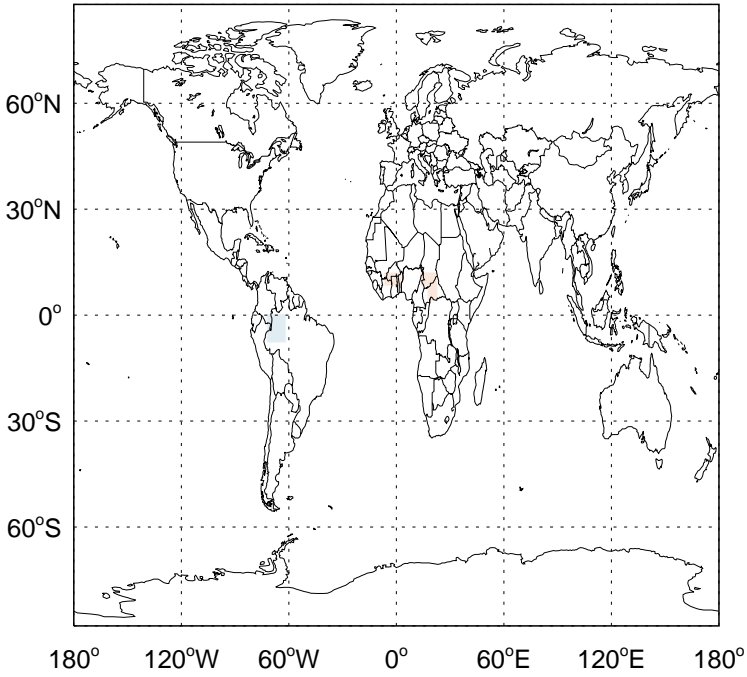
v11-02d - v11-02a  
EOH- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

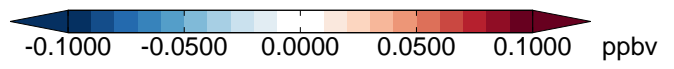
v11-02d - v11-02c

MGLY - Diff @ Surface for Oct



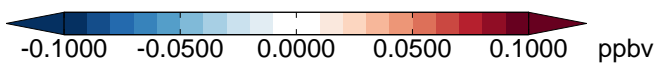
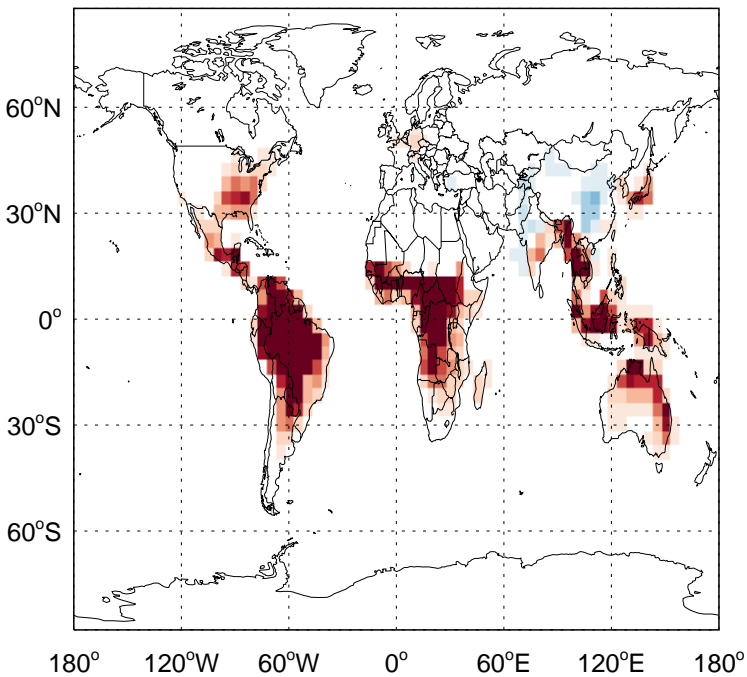
v11-02d - v11-02c

MGLY- Diff @ 500 hPa for Oct



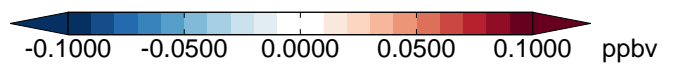
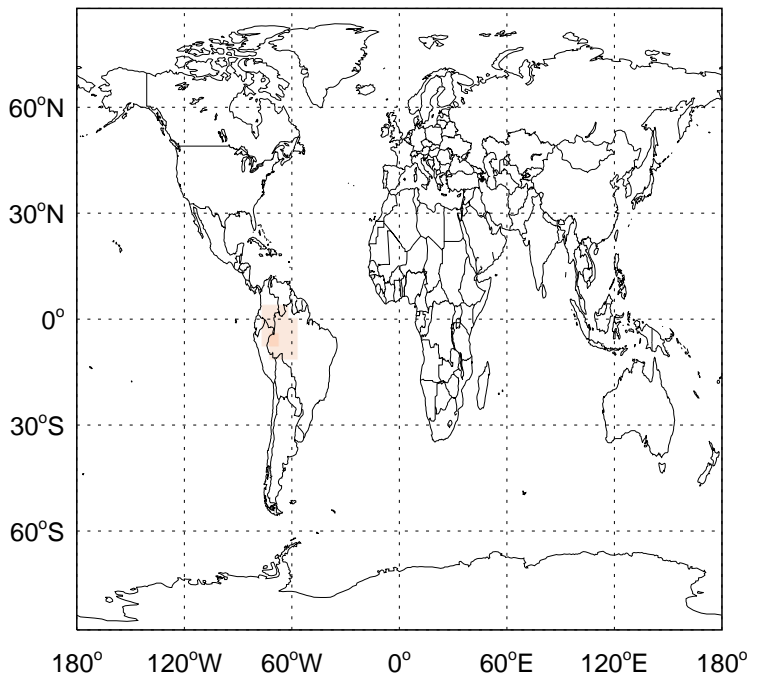
v11-02d - v11-02a

MGLY - Diff @ Surface for Oct



v11-02d - v11-02a

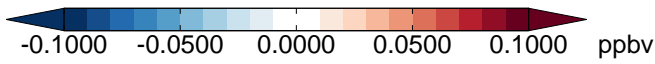
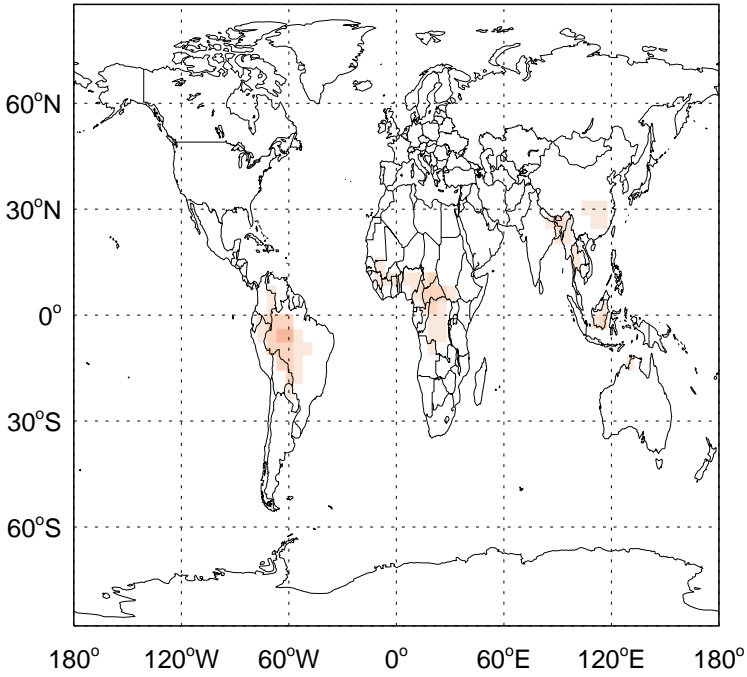
MGLY- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

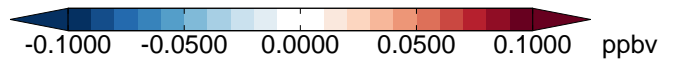
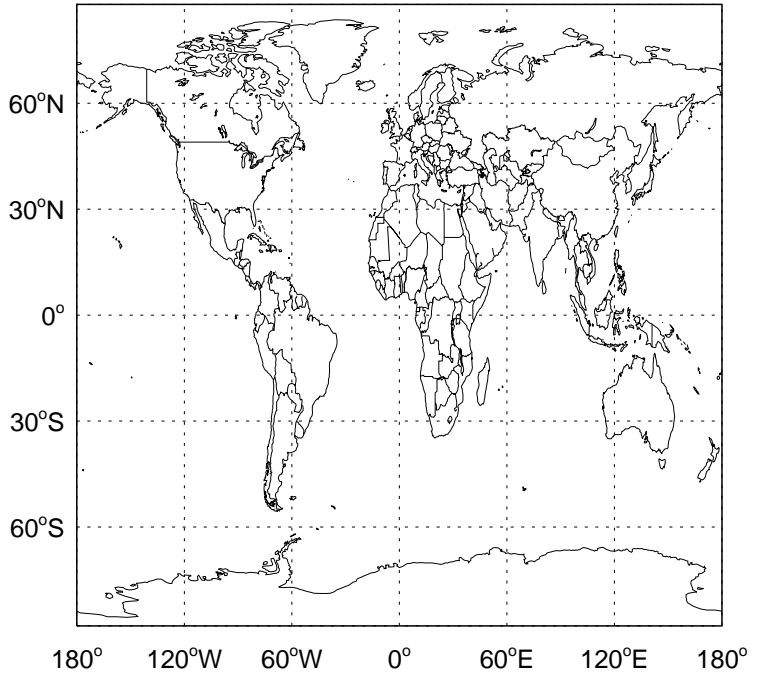
v11-02d - v11-02c

GLYX - Diff @ Surface for Oct



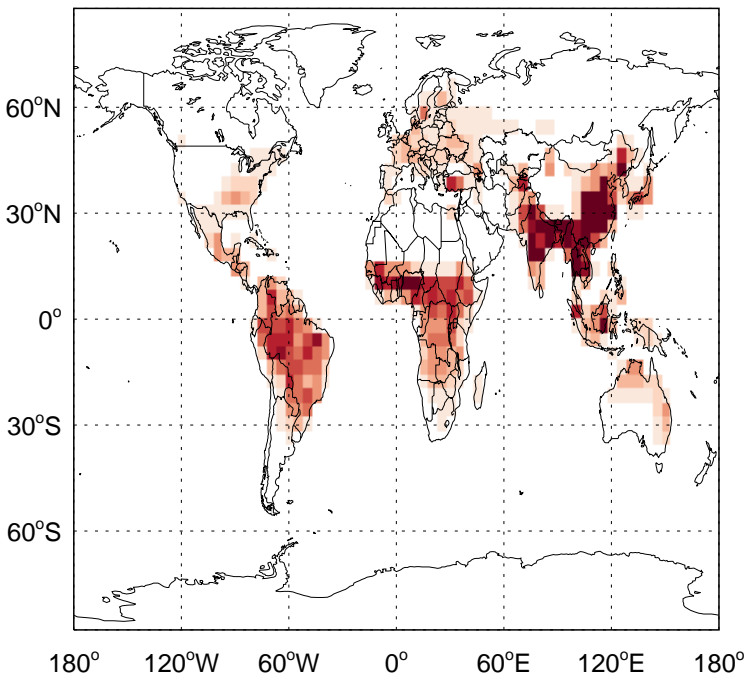
v11-02d - v11-02c

GLYX- Diff @ 500 hPa for Oct



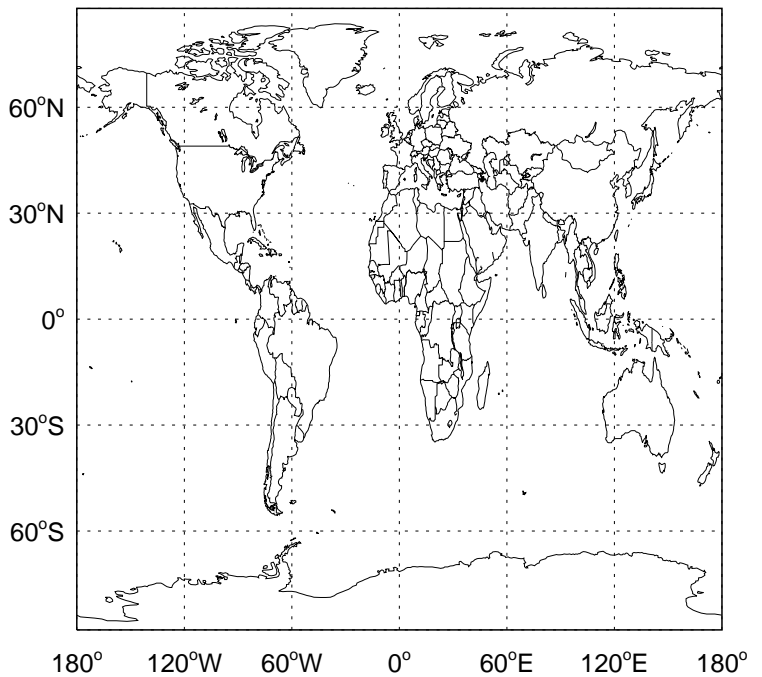
v11-02d - v11-02a

GLYX - Diff @ Surface for Oct



v11-02d - v11-02a

GLYX- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ACTA - Diff @ Surface for Oct



v11-02d - v11-02c

ACTA- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ACTA - Diff @ Surface for Oct



v11-02d - v11-02a

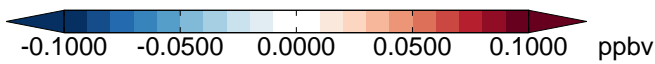
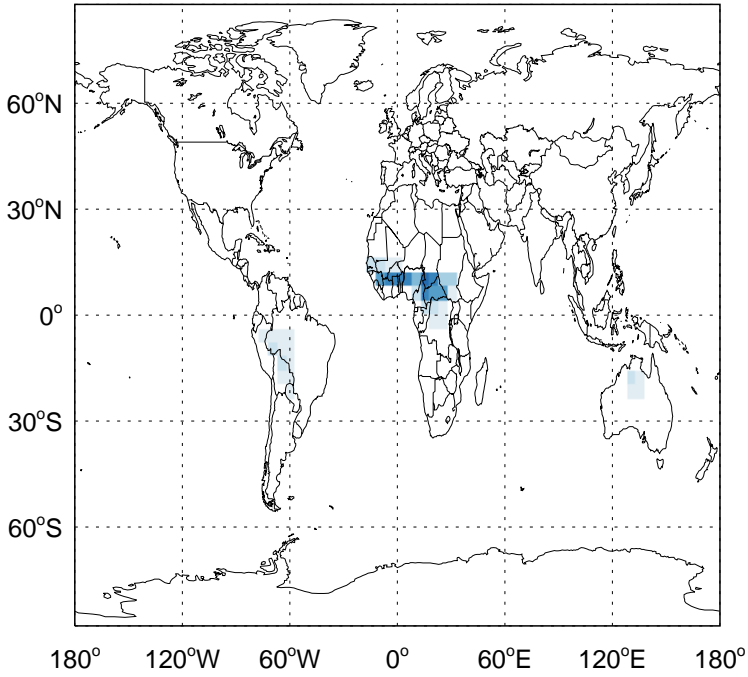
ACTA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

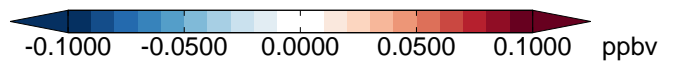
v11-02d - v11-02c

HPALD - Diff @ Surface for Oct



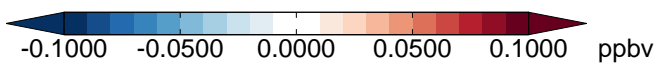
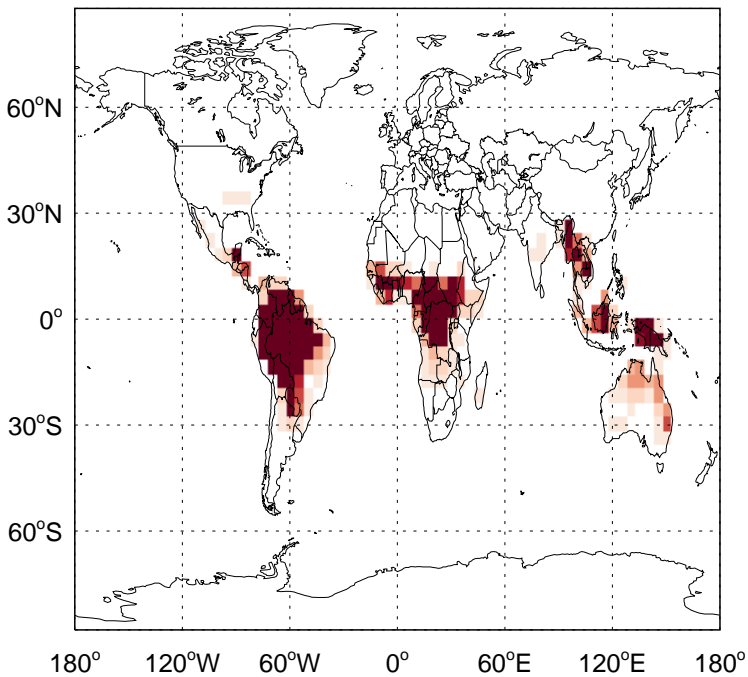
v11-02d - v11-02c

HPALD- Diff @ 500 hPa for Oct



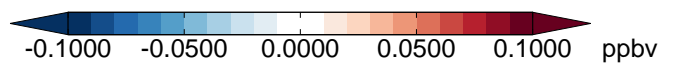
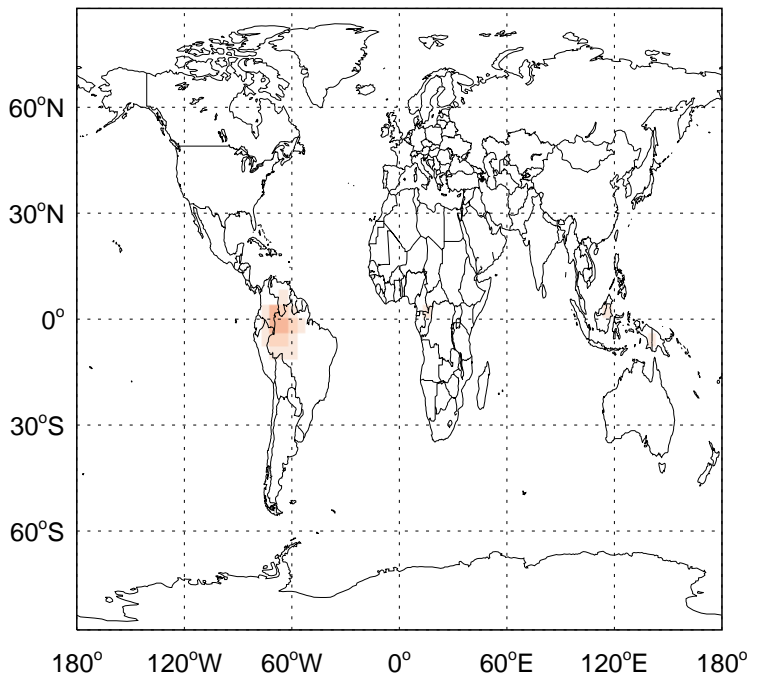
v11-02d - v11-02a

HPALD - Diff @ Surface for Oct



v11-02d - v11-02a

HPALD- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

DHDN - Diff @ Surface for Oct



v11-02d - v11-02c

DHDN- Diff @ 500 hPa for Oct



v11-02d - v11-02a

DHDN - Diff @ Surface for Oct



v11-02d - v11-02a

DHDN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ETHLN - Diff @ Surface for Oct



v11-02d - v11-02c

ETHLN- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ETHLN - Diff @ Surface for Oct



v11-02d - v11-02a

ETHLN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

HCOOH - Diff @ Surface for Oct



v11-02d - v11-02c

HCOOH- Diff @ 500 hPa for Oct



v11-02d - v11-02a

HCOOH - Diff @ Surface for Oct



v11-02d - v11-02a

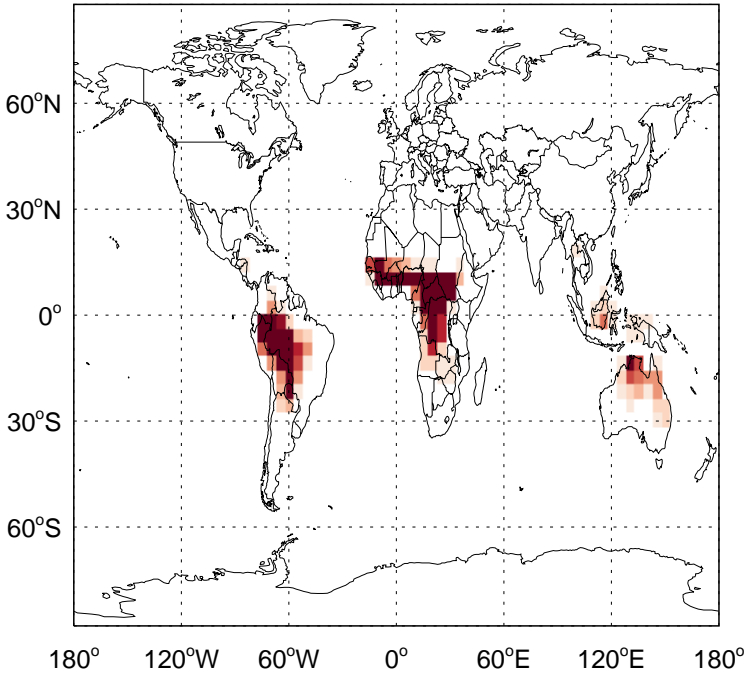
HCOOH- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

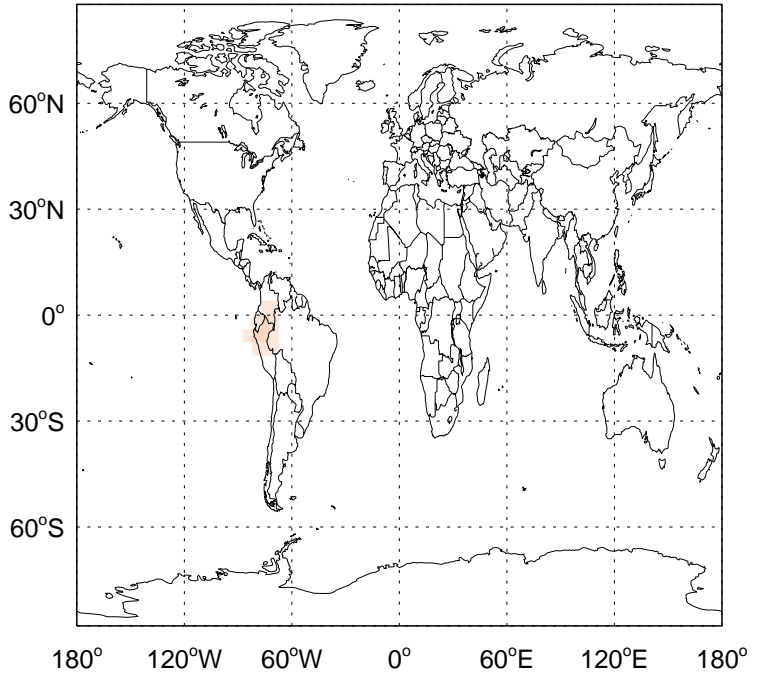
v11-02d - v11-02c

IEPOXA - Diff @ Surface for Oct



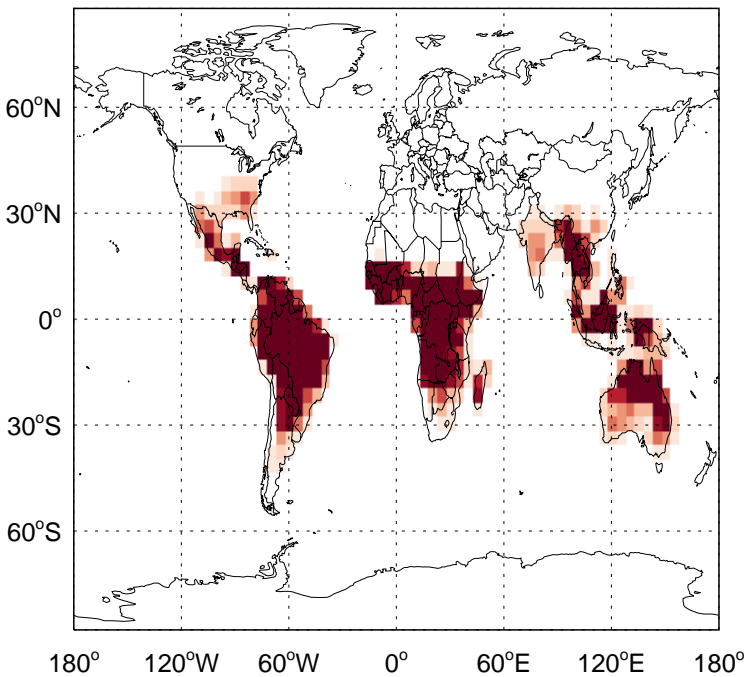
v11-02d - v11-02c

IEPOXA- Diff @ 500 hPa for Oct



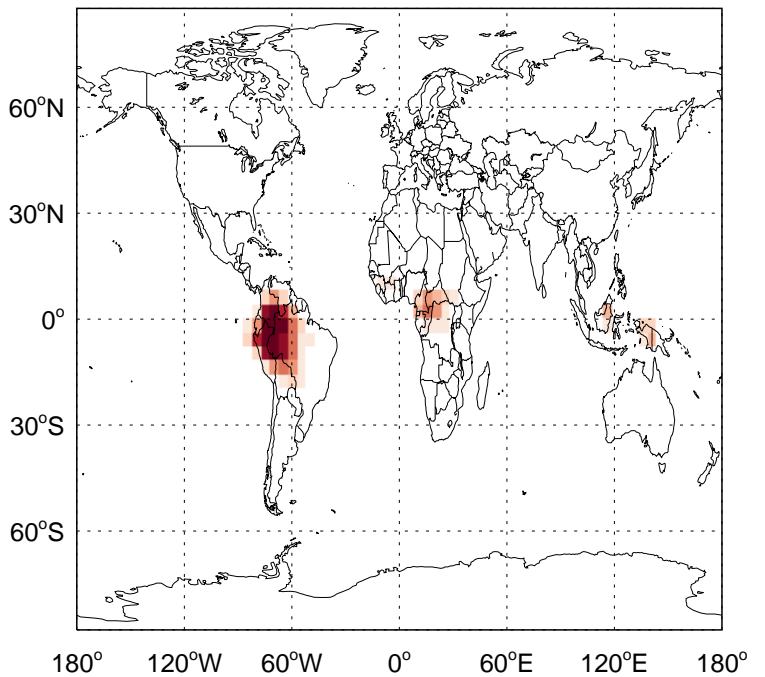
v11-02d - v11-02a

IEPOXA - Diff @ Surface for Oct



v11-02d - v11-02a

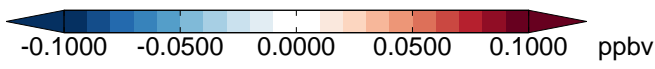
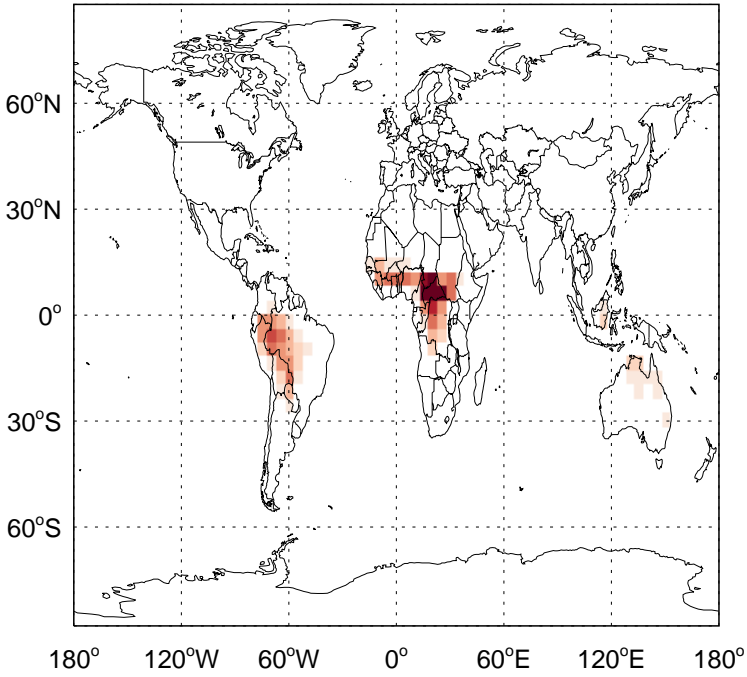
IEPOXA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

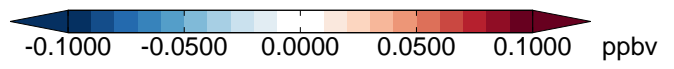
v11-02d - v11-02c

IEPOXB - Diff @ Surface for Oct



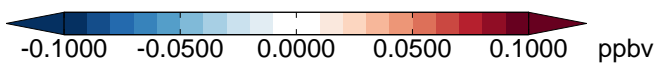
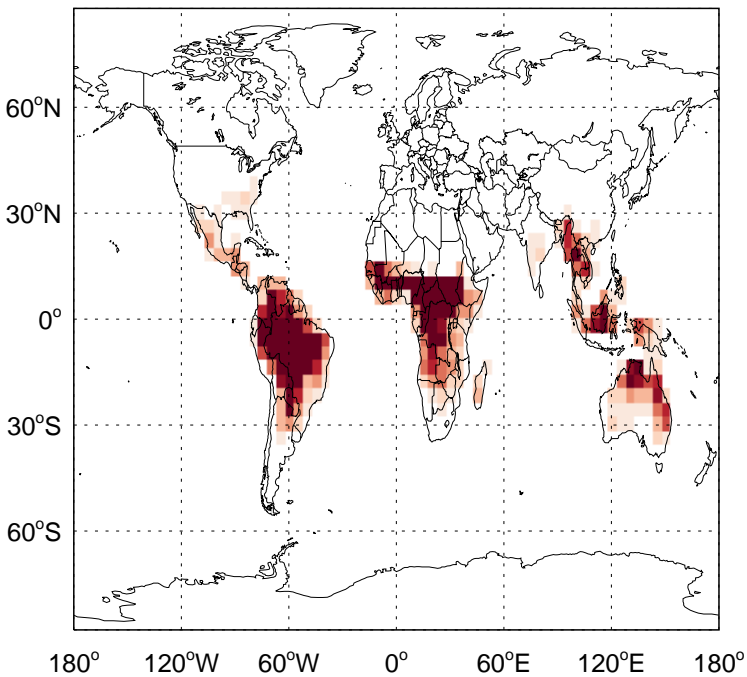
v11-02d - v11-02c

IEPOXB- Diff @ 500 hPa for Oct



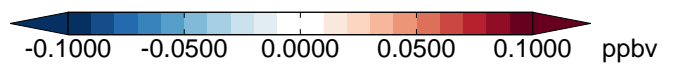
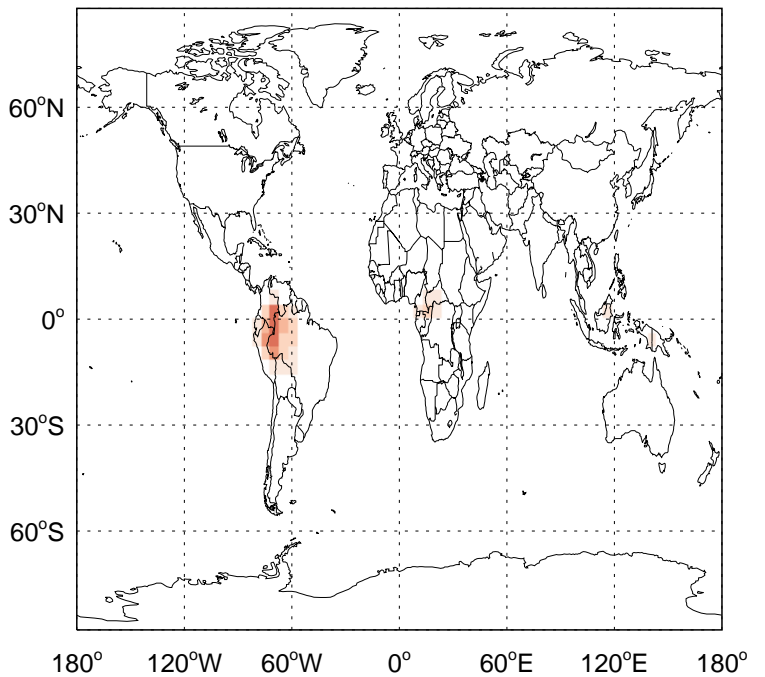
v11-02d - v11-02a

IEPOXB - Diff @ Surface for Oct



v11-02d - v11-02a

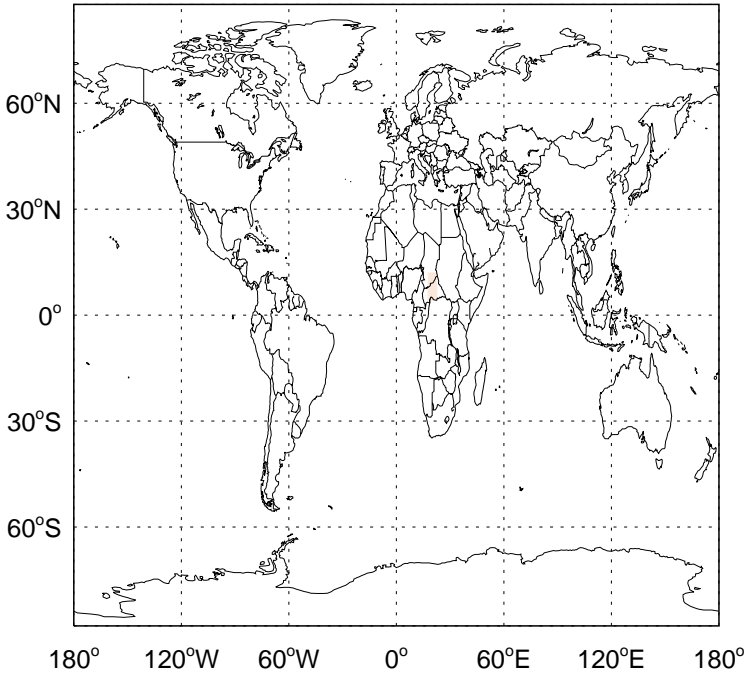
IEPOXB- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

IEPOXD - Diff @ Surface for Oct



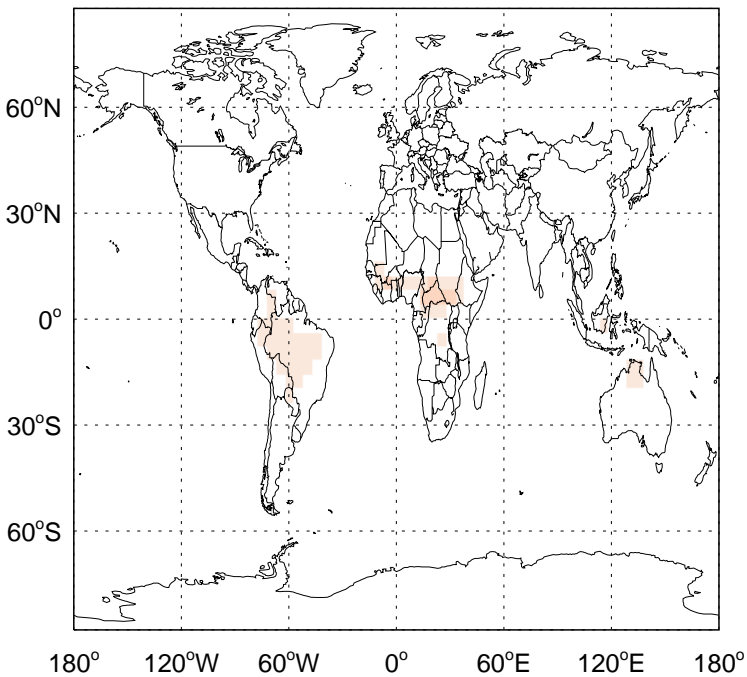
v11-02d - v11-02c

IEPOXD- Diff @ 500 hPa for Oct



v11-02d - v11-02a

IEPOXD - Diff @ Surface for Oct



v11-02d - v11-02a

IEPOXD- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISN1 - Diff @ Surface for Oct



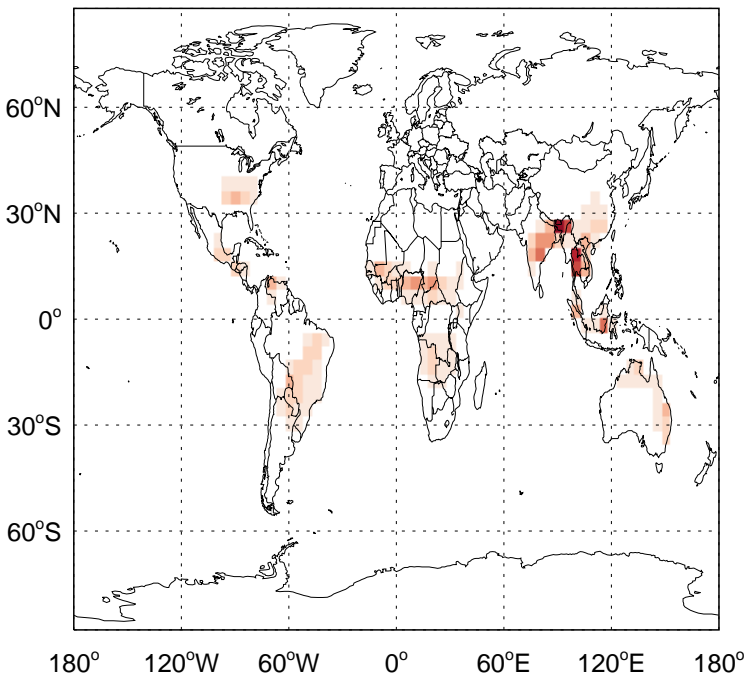
v11-02d - v11-02c

ISN1- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISN1 - Diff @ Surface for Oct



v11-02d - v11-02a

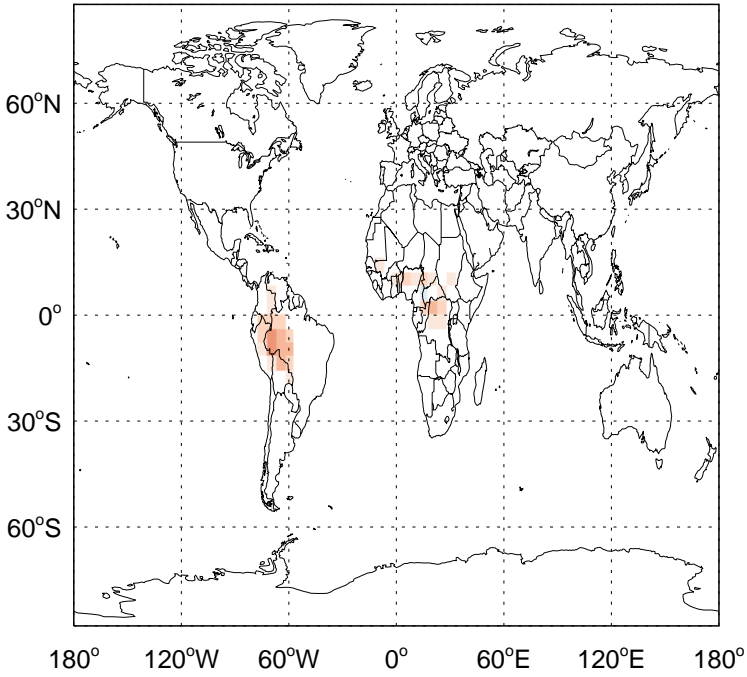
ISN1- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

RIPA - Diff @ Surface for Oct



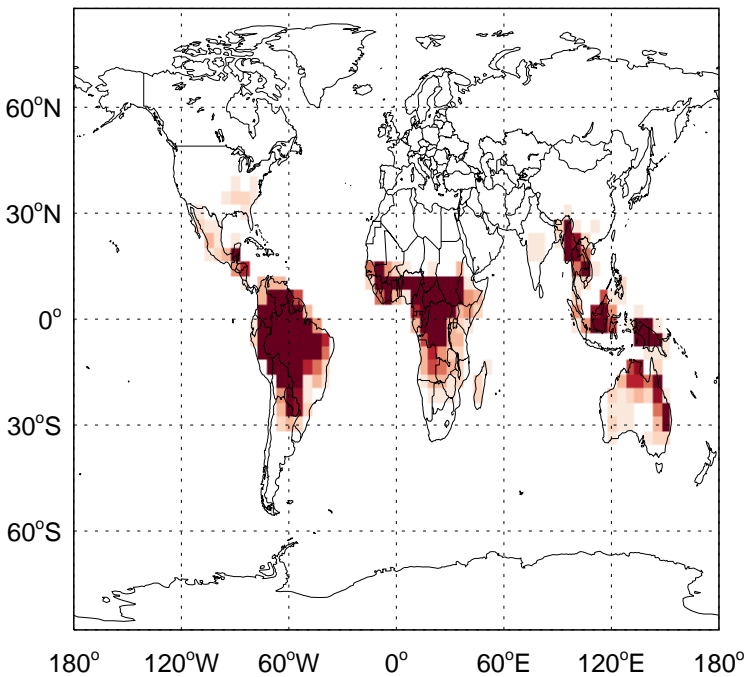
v11-02d - v11-02c

RIPA- Diff @ 500 hPa for Oct



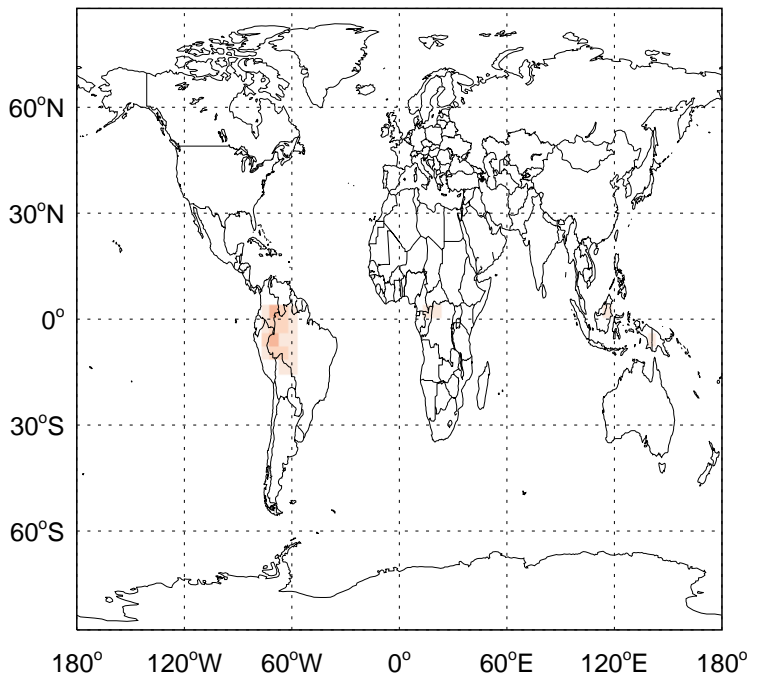
v11-02d - v11-02a

RIPA - Diff @ Surface for Oct



v11-02d - v11-02a

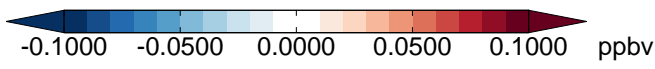
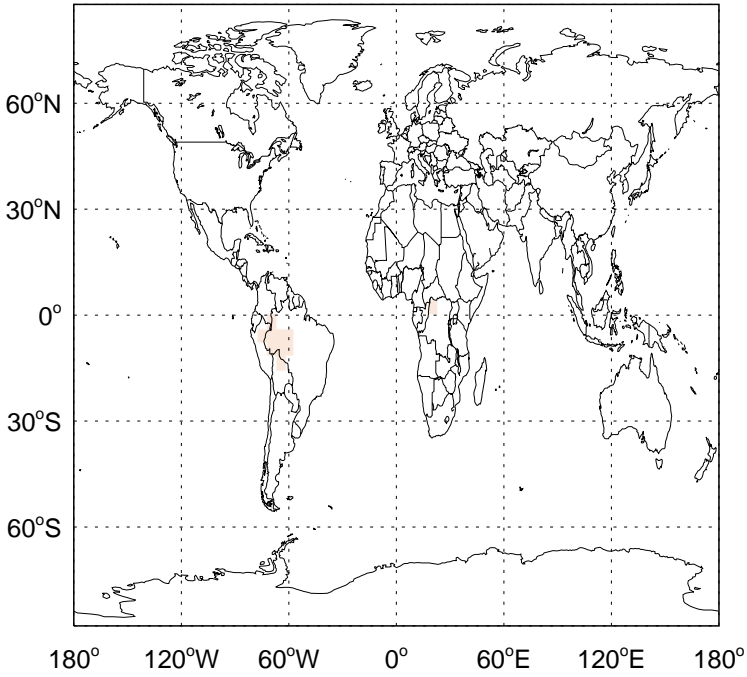
RIPA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

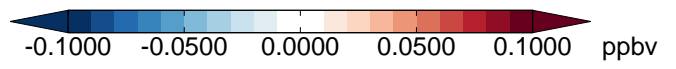
v11-02d - v11-02c

RIPB - Diff @ Surface for Oct



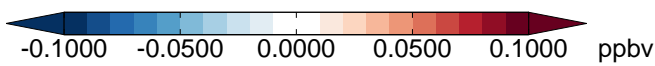
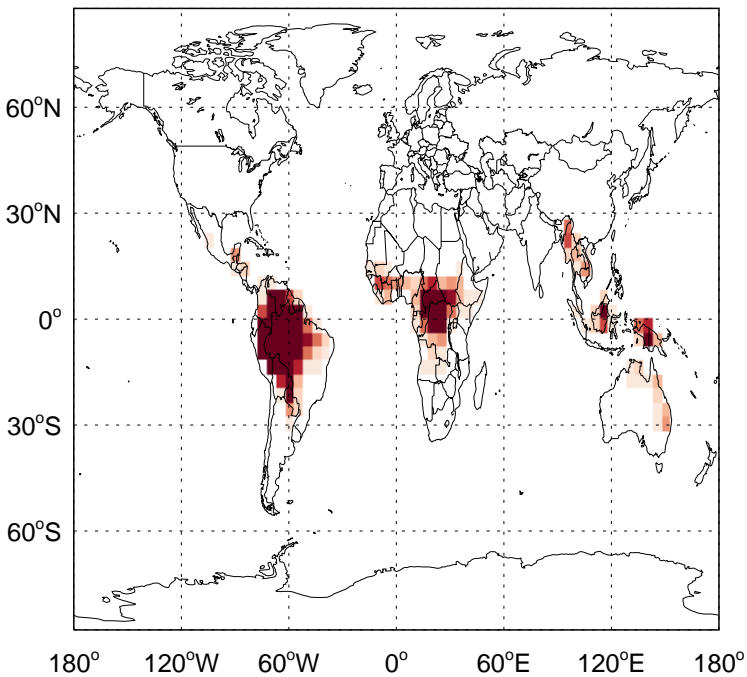
v11-02d - v11-02c

RIPB- Diff @ 500 hPa for Oct



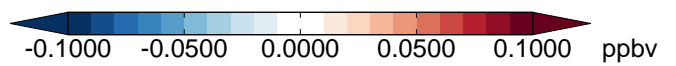
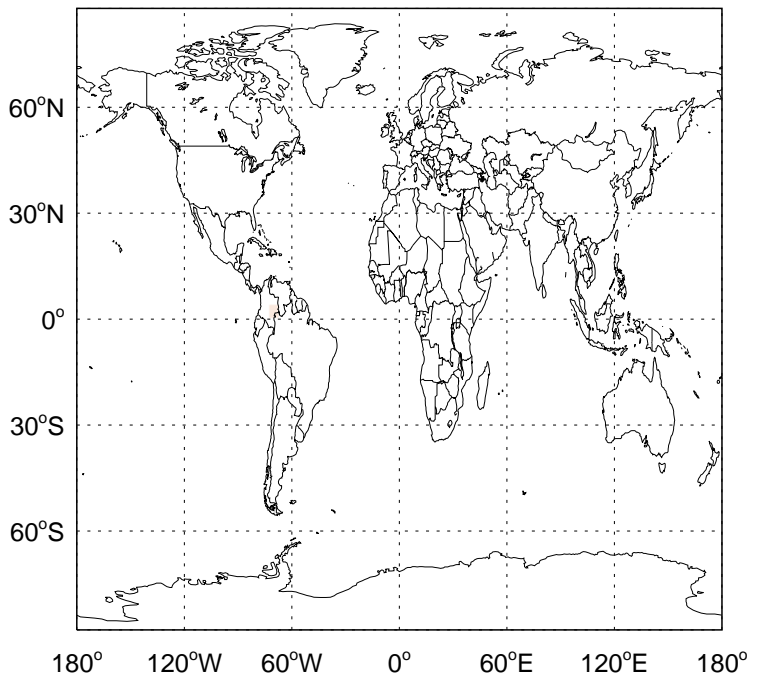
v11-02d - v11-02a

RIPB - Diff @ Surface for Oct



v11-02d - v11-02a

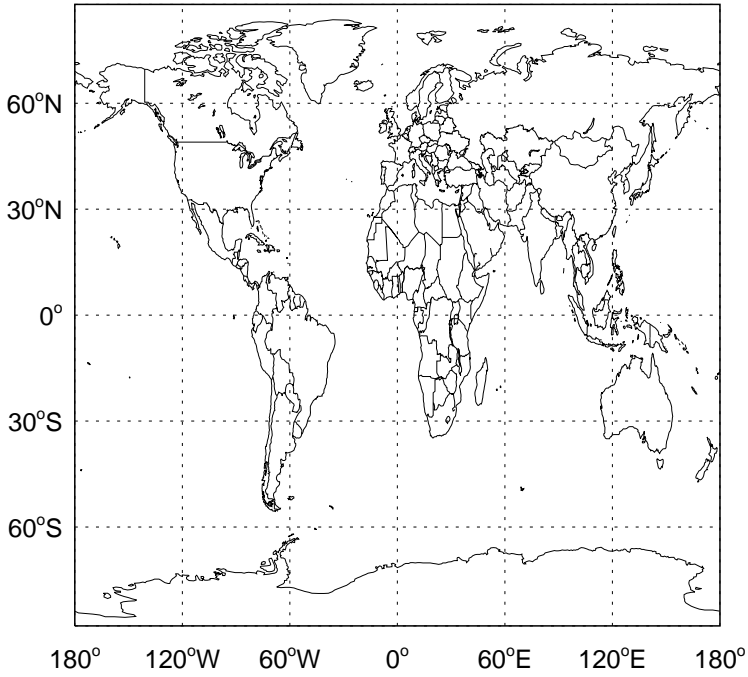
RIPB- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

RIPD - Diff @ Surface for Oct



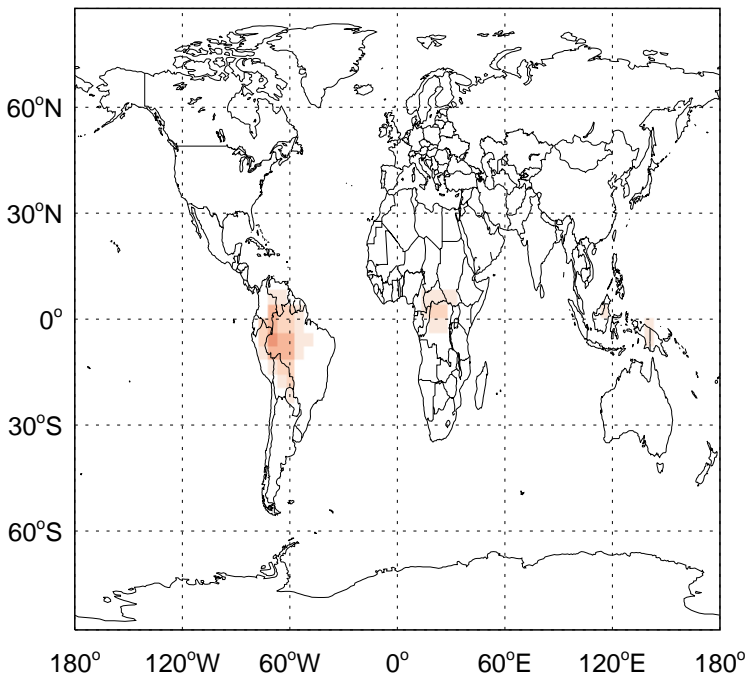
v11-02d - v11-02c

RIPD- Diff @ 500 hPa for Oct



v11-02d - v11-02a

RIPD - Diff @ Surface for Oct



v11-02d - v11-02a

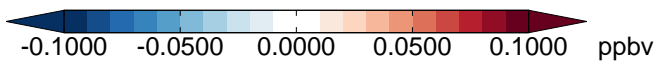
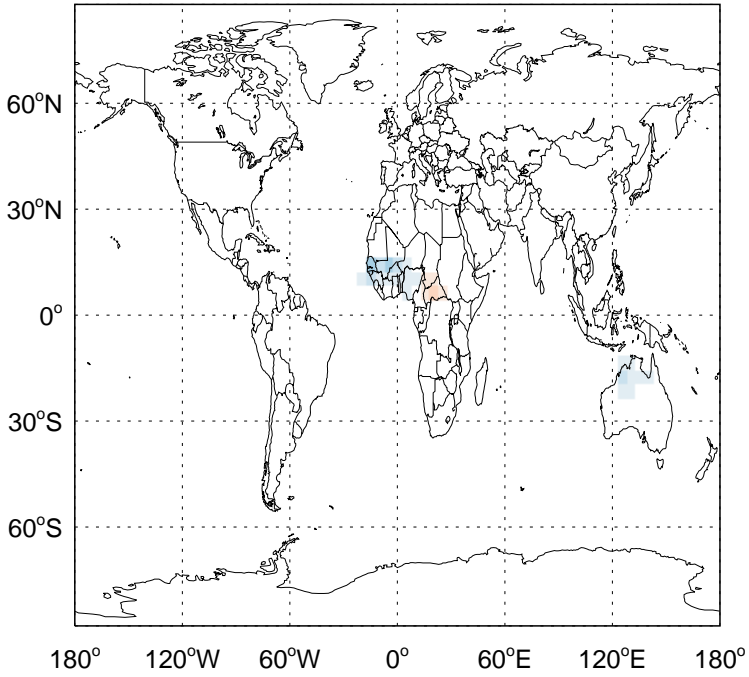
RIPD- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

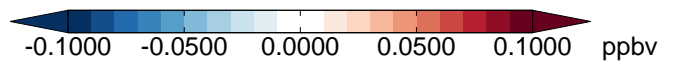
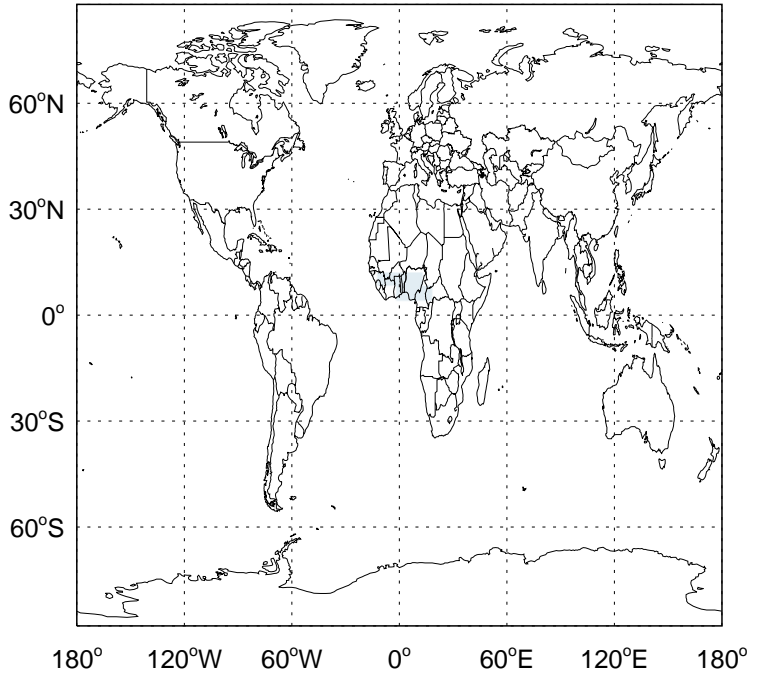
v11-02d - v11-02c

IMAE - Diff @ Surface for Oct



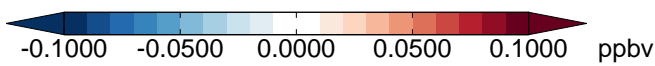
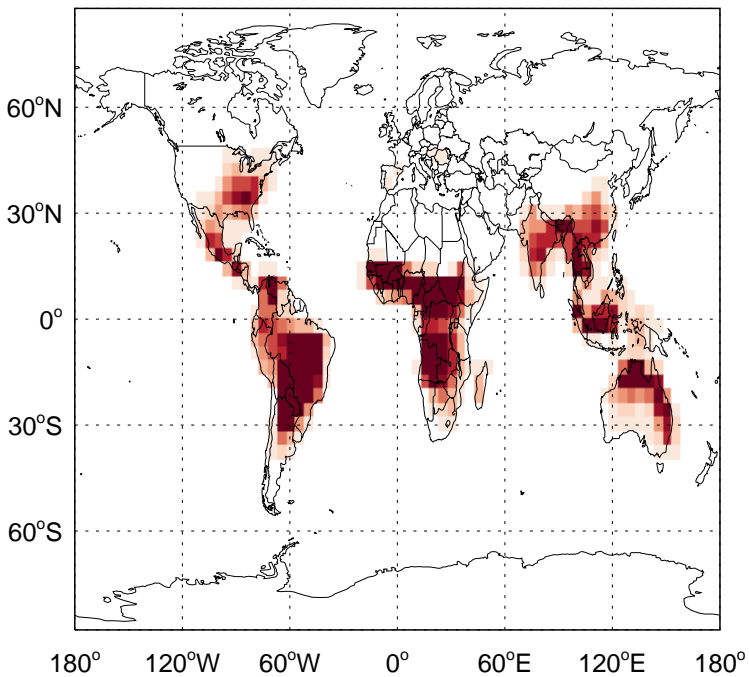
v11-02d - v11-02c

IMAE- Diff @ 500 hPa for Oct



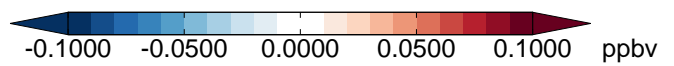
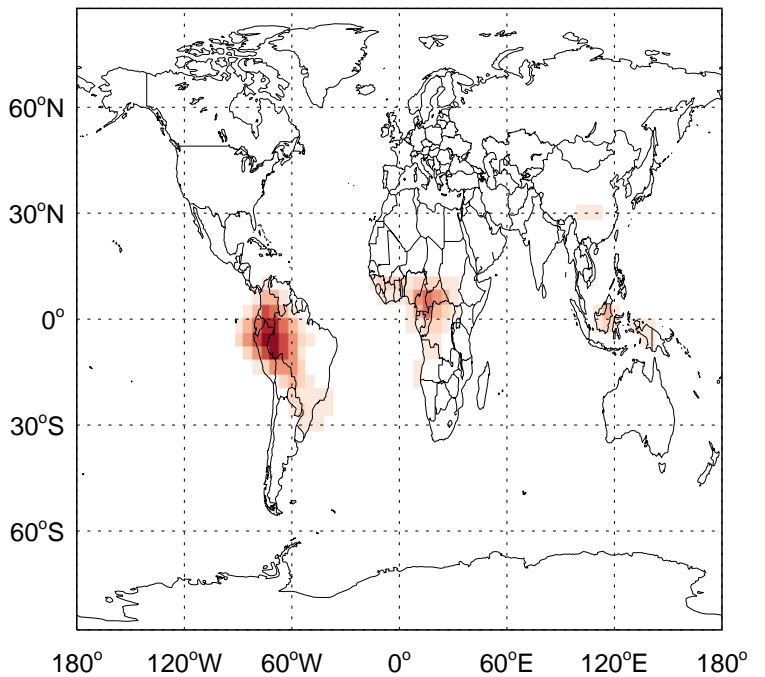
v11-02d - v11-02a

IMAE - Diff @ Surface for Oct



v11-02d - v11-02a

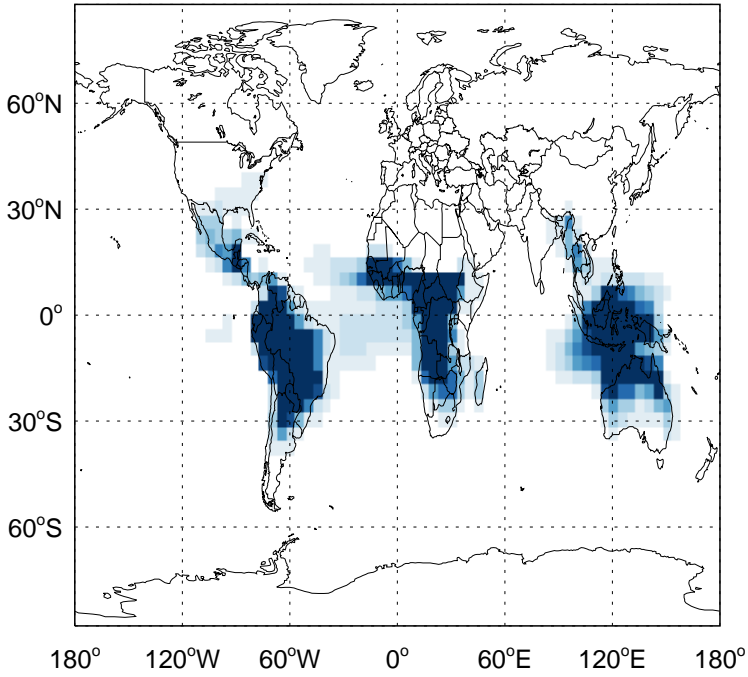
IMAE- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

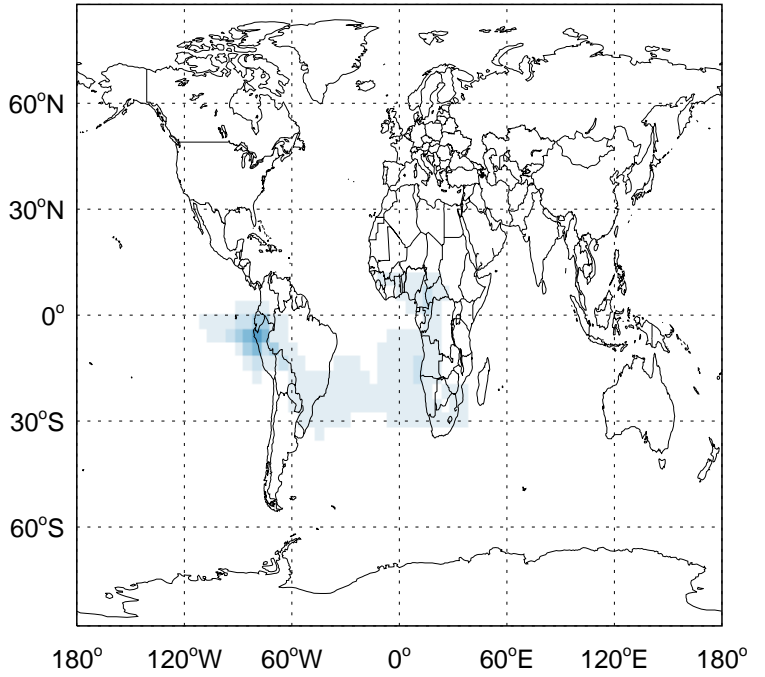
v11-02d - v11-02c

SOAIE - Diff @ Surface for Oct



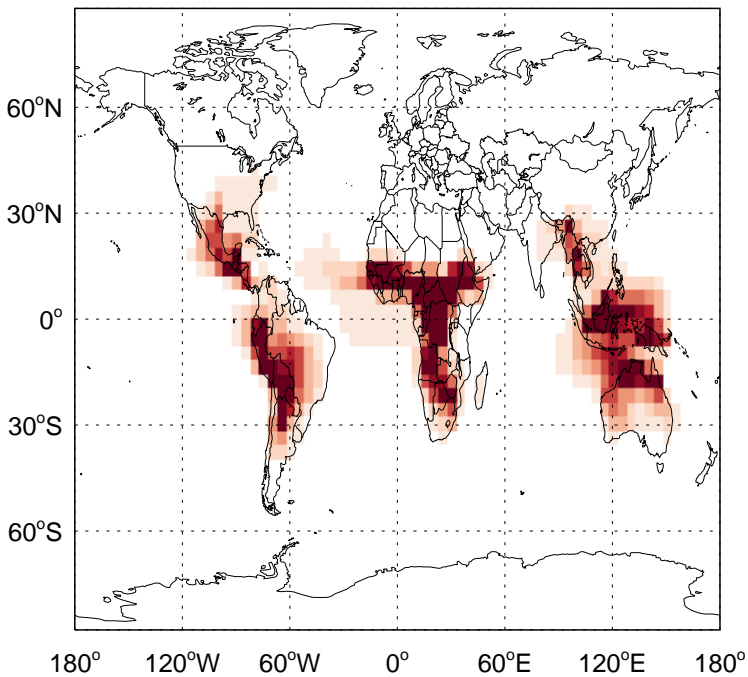
v11-02d - v11-02c

SOAIE- Diff @ 500 hPa for Oct



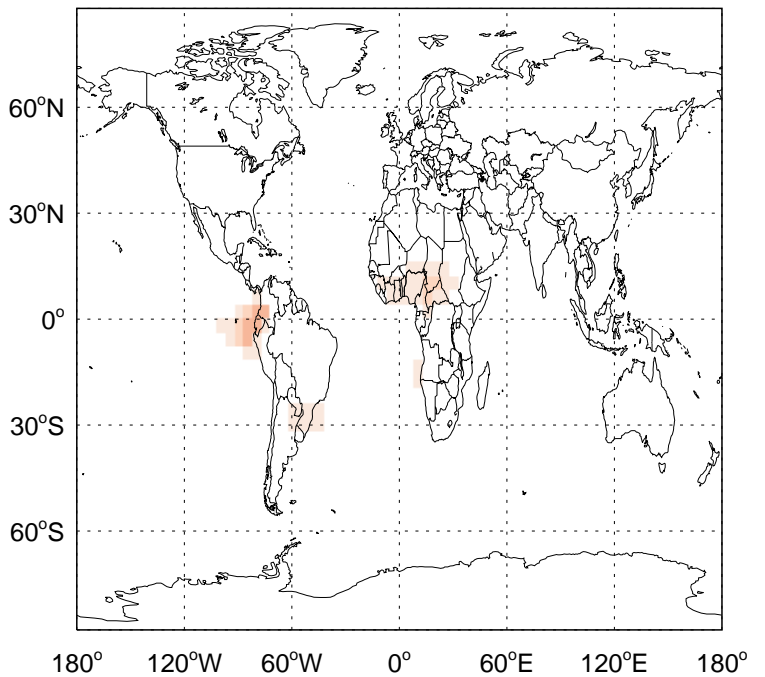
v11-02d - v11-02a

SOAIE - Diff @ Surface for Oct



v11-02d - v11-02a

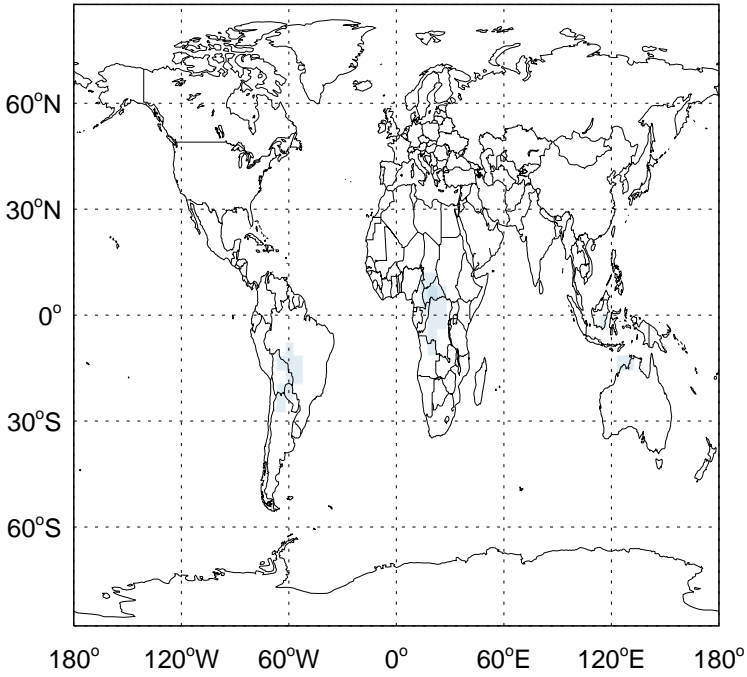
SOAIE- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

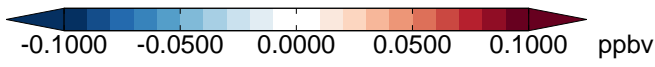
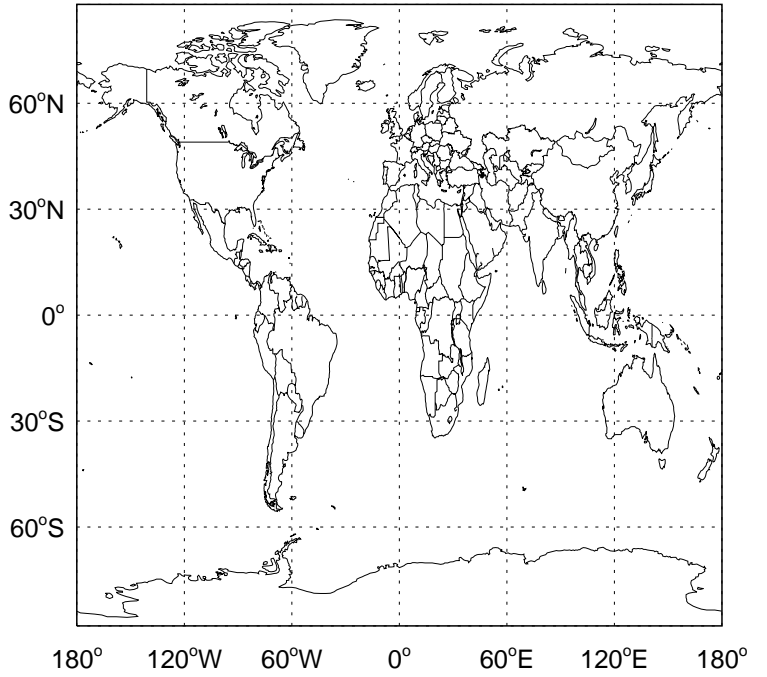
v11-02d - v11-02c

SOAME - Diff @ Surface for Oct



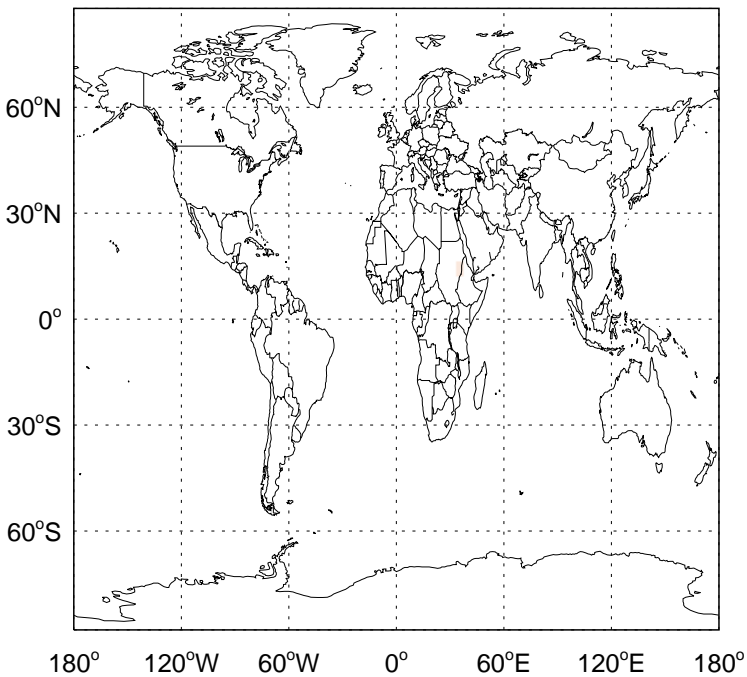
v11-02d - v11-02c

SOAME- Diff @ 500 hPa for Oct



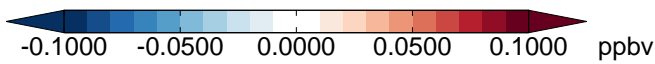
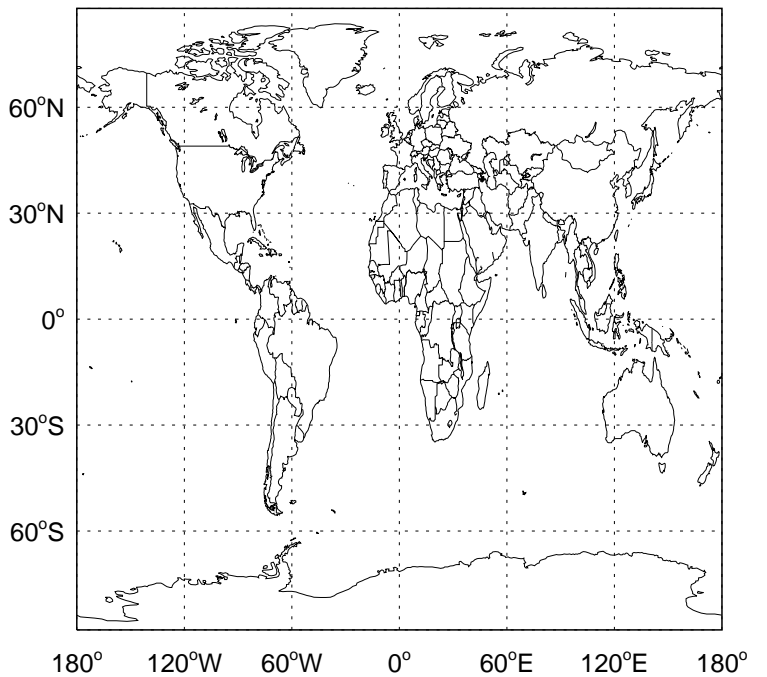
v11-02d - v11-02a

SOAME - Diff @ Surface for Oct



v11-02d - v11-02a

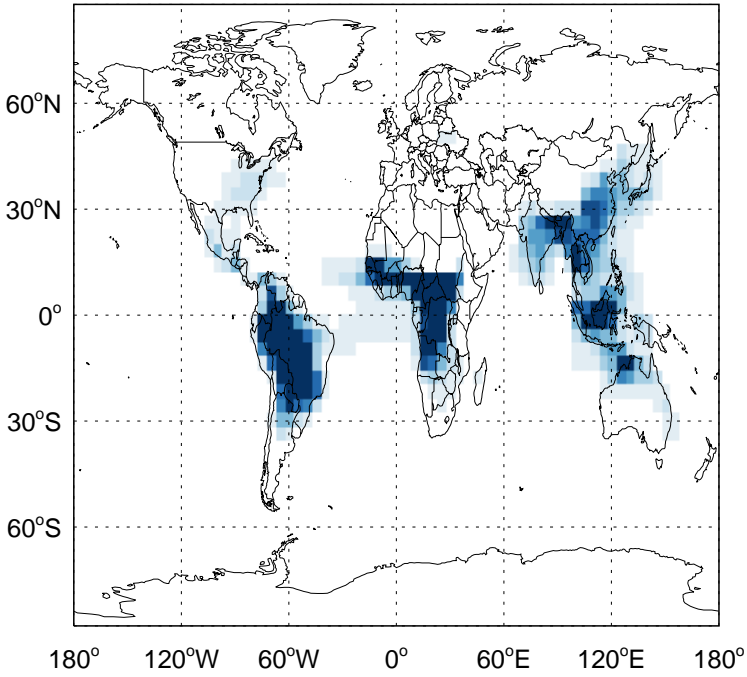
SOAME- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

SOAGX - Diff @ Surface for Oct



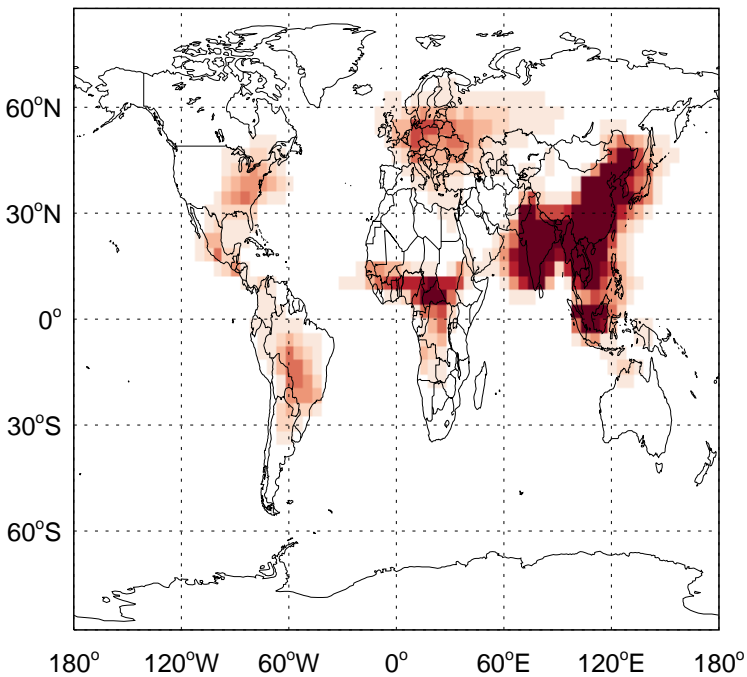
v11-02d - v11-02c

SOAGX- Diff @ 500 hPa for Oct



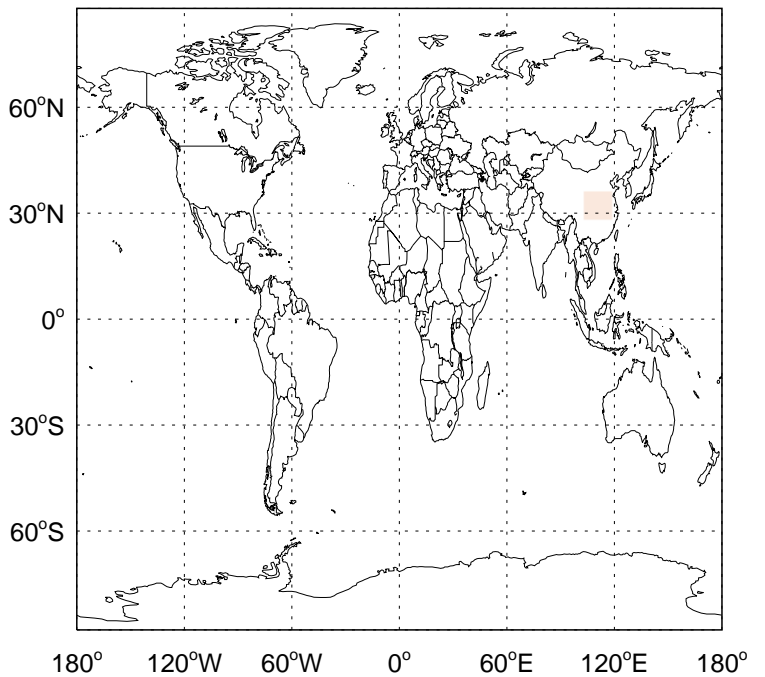
v11-02d - v11-02a

SOAGX - Diff @ Surface for Oct



v11-02d - v11-02a

SOAGX- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

SOAMG - Diff @ Surface for Oct



v11-02d - v11-02c

SOAMG- Diff @ 500 hPa for Oct



v11-02d - v11-02a

SOAMG - Diff @ Surface for Oct



v11-02d - v11-02a

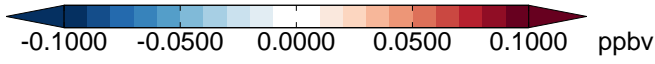
SOAMG- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

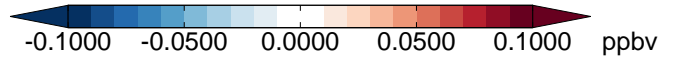
v11-02d - v11-02c

LVOC - Diff @ Surface for Oct



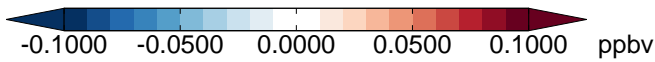
v11-02d - v11-02c

LVOC - Diff @ 500 hPa for Oct



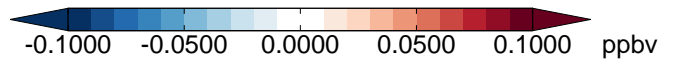
v11-02d - v11-02a

LVOC - Diff @ Surface for Oct



v11-02d - v11-02a

LVOC - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

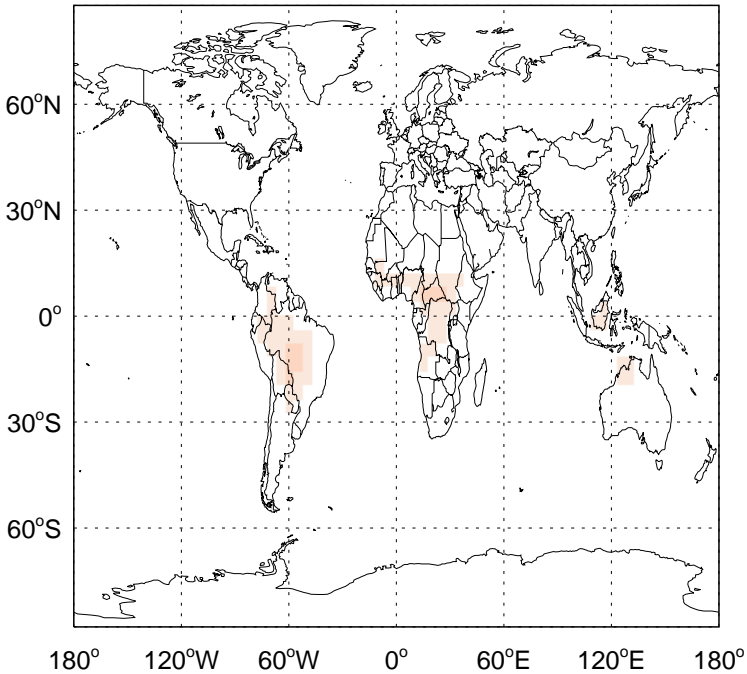
v11-02d - v11-02c  
LVOCOA - Diff @ Surface for Oct



v11-02d - v11-02c  
LVOCOA- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
LVOCOA - Diff @ Surface for Oct



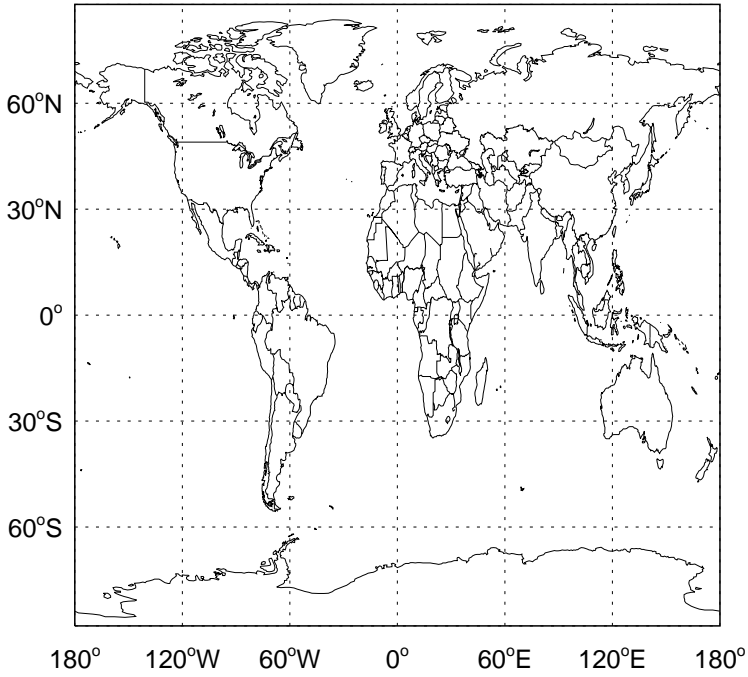
v11-02d - v11-02a  
LVOCOA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISN1OG - Diff @ Surface for Oct



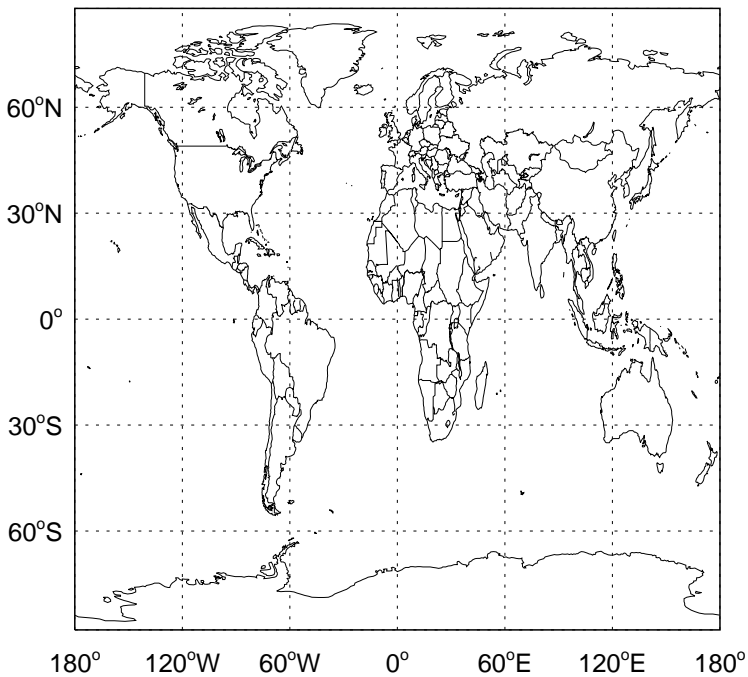
v11-02d - v11-02c

ISN1OG- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISN1OG - Diff @ Surface for Oct



v11-02d - v11-02a

ISN1OG- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

ISN10A - Diff @ Surface for Oct



v11-02d - v11-02c

ISN10A- Diff @ 500 hPa for Oct



v11-02d - v11-02a

ISN10A - Diff @ Surface for Oct



v11-02d - v11-02a

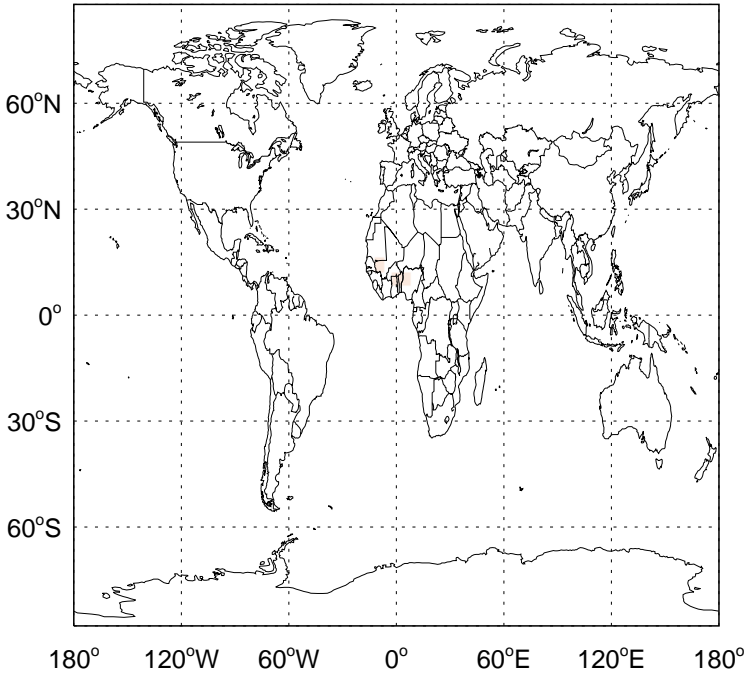
ISN10A- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

MONITS - Diff @ Surface for Oct



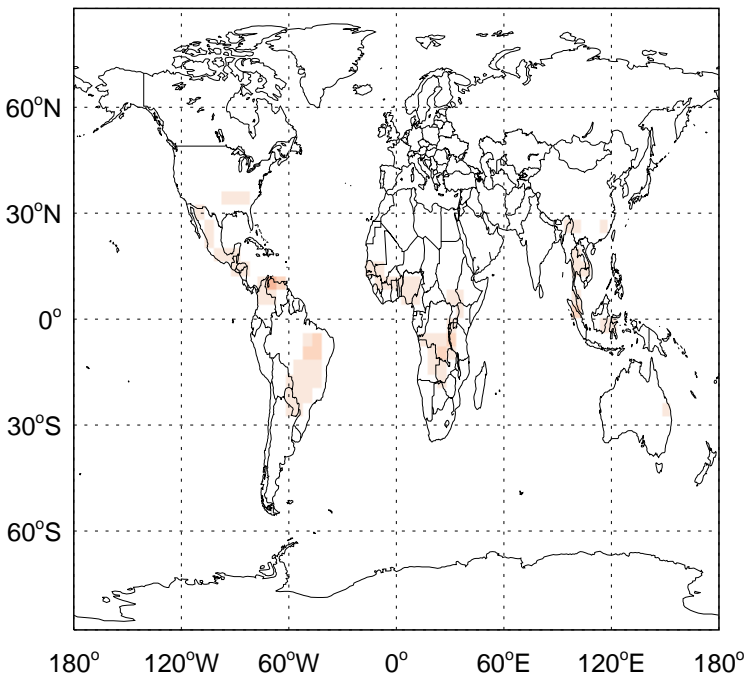
v11-02d - v11-02c

MONITS- Diff @ 500 hPa for Oct



v11-02d - v11-02a

MONITS - Diff @ Surface for Oct



v11-02d - v11-02a

MONITS- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

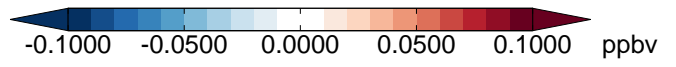
v11-02d - v11-02c

MONITU - Diff @ Surface for Oct



v11-02d - v11-02c

MONITU- Diff @ 500 hPa for Oct



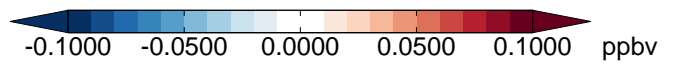
v11-02d - v11-02a

MONITU - Diff @ Surface for Oct



v11-02d - v11-02a

MONITU- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

HONIT - Diff @ Surface for Oct



v11-02d - v11-02c

HONIT- Diff @ 500 hPa for Oct



v11-02d - v11-02a

HONIT - Diff @ Surface for Oct



v11-02d - v11-02a

HONIT- Diff @ 500 hPa for Oct

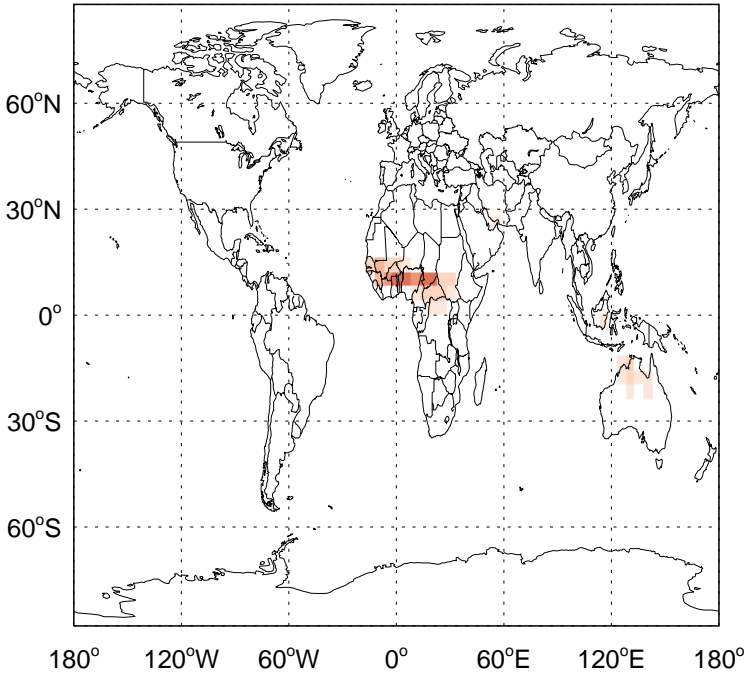




# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

IONITA - Diff @ Surface for Oct



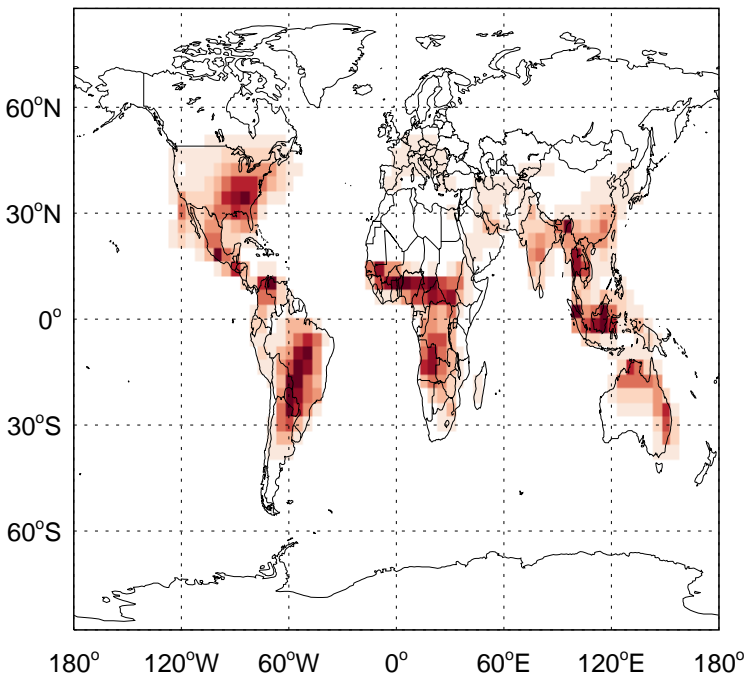
v11-02d - v11-02c

IONITA- Diff @ 500 hPa for Oct



v11-02d - v11-02a

IONITA - Diff @ Surface for Oct



v11-02d - v11-02a

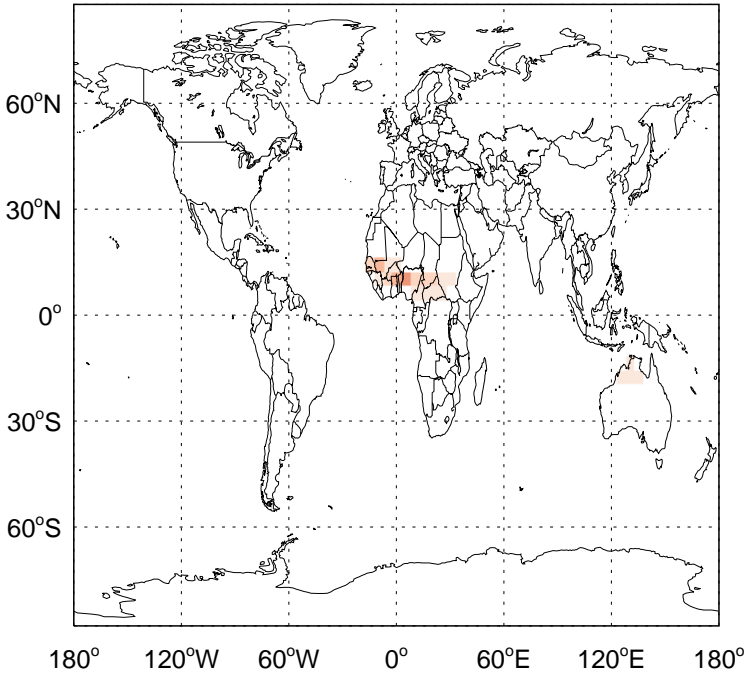
IONITA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

MONITA - Diff @ Surface for Oct



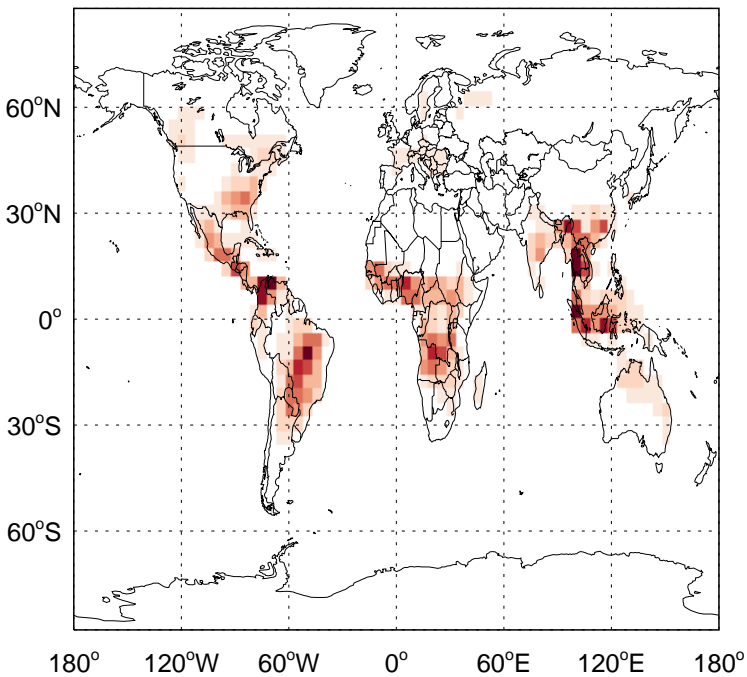
v11-02d - v11-02c

MONITA- Diff @ 500 hPa for Oct



v11-02d - v11-02a

MONITA - Diff @ Surface for Oct



v11-02d - v11-02a

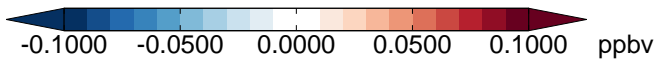
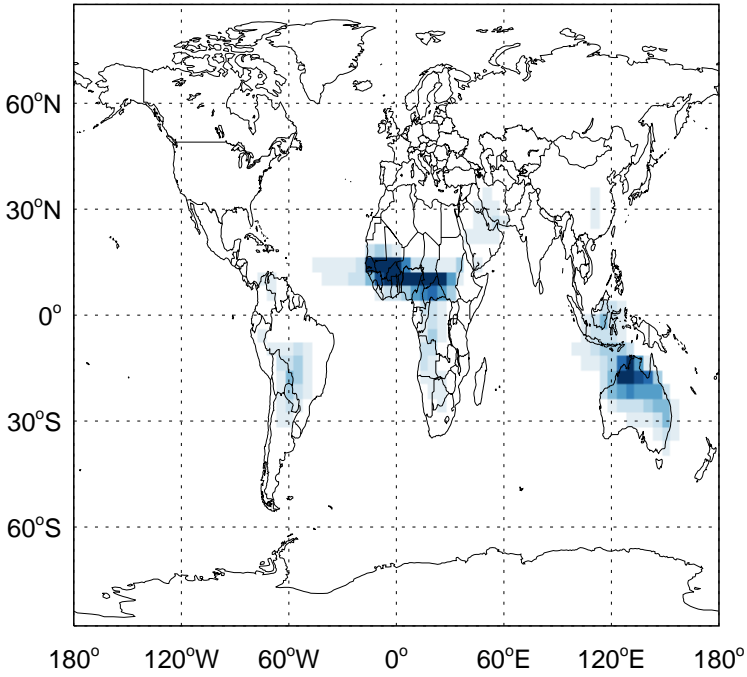
MONITA- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

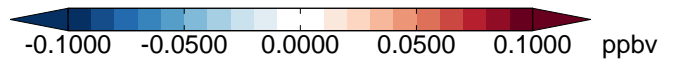
v11-02d - v11-02c

INDIOL - Diff @ Surface for Oct



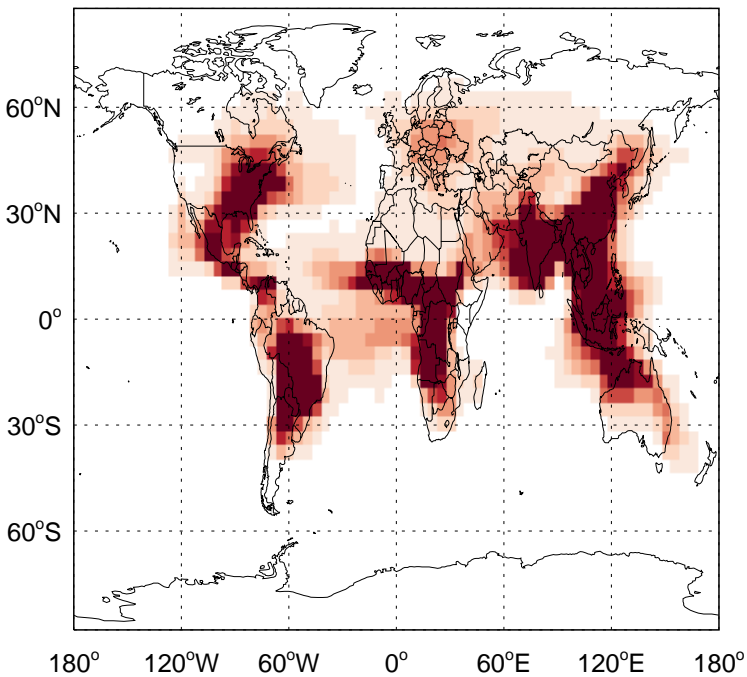
v11-02d - v11-02c

INDIOL- Diff @ 500 hPa for Oct



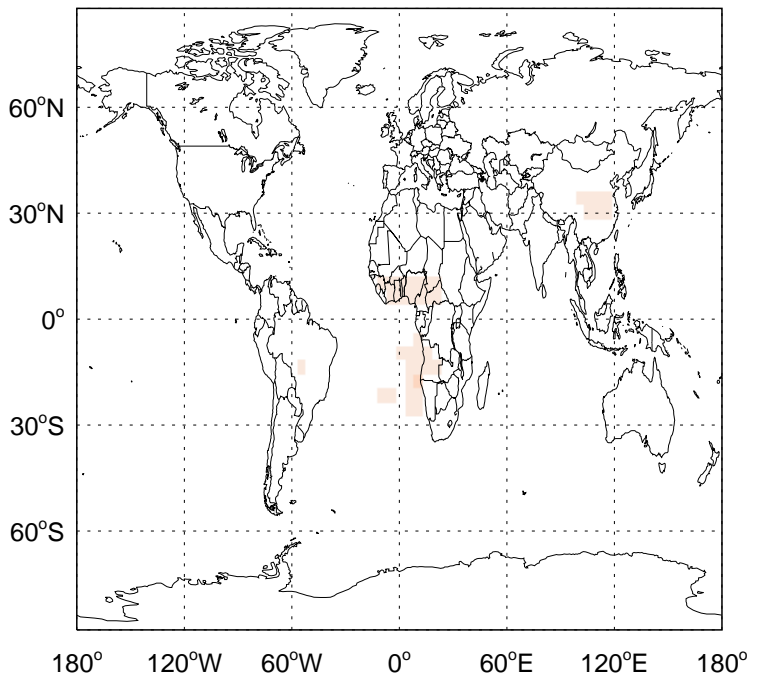
v11-02d - v11-02a

INDIOL - Diff @ Surface for Oct



v11-02d - v11-02a

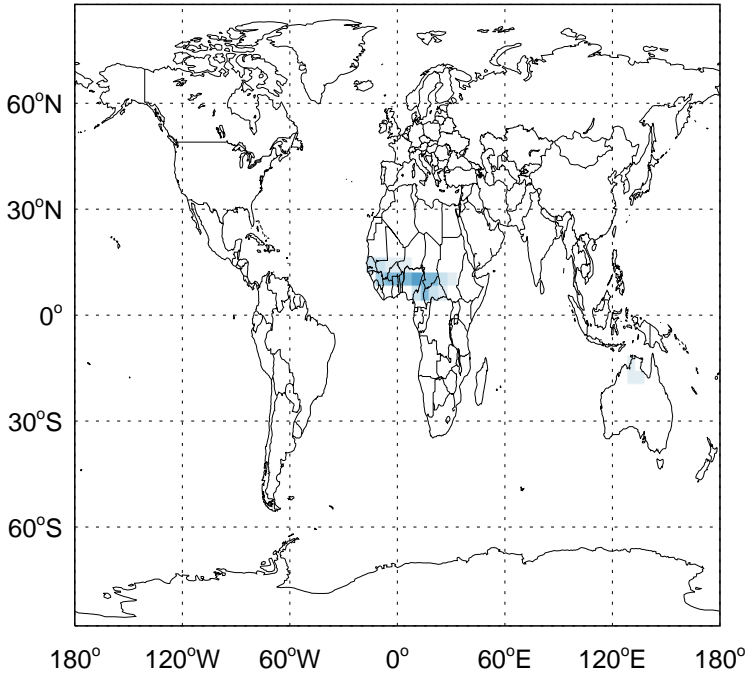
INDIOL- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

IPMN - Diff @ Surface for Oct



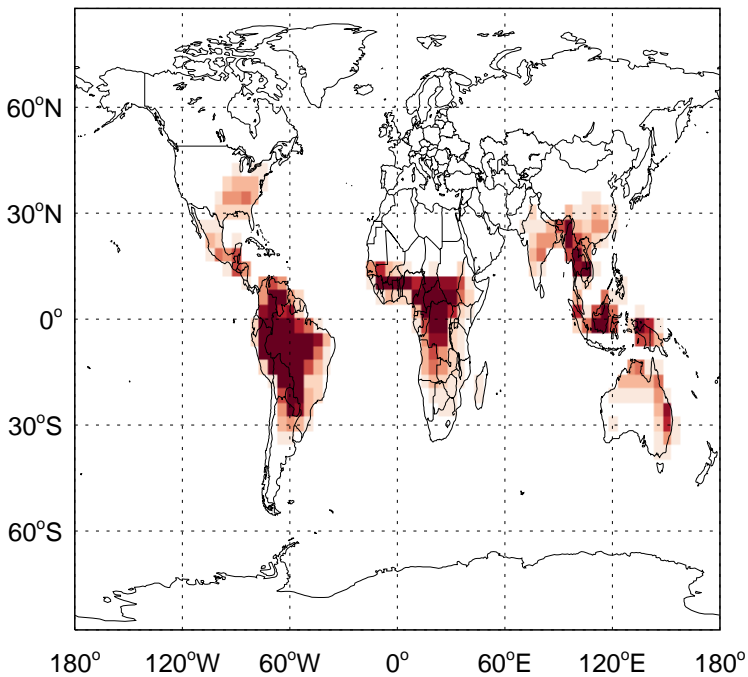
v11-02d - v11-02c

IPMN- Diff @ 500 hPa for Oct



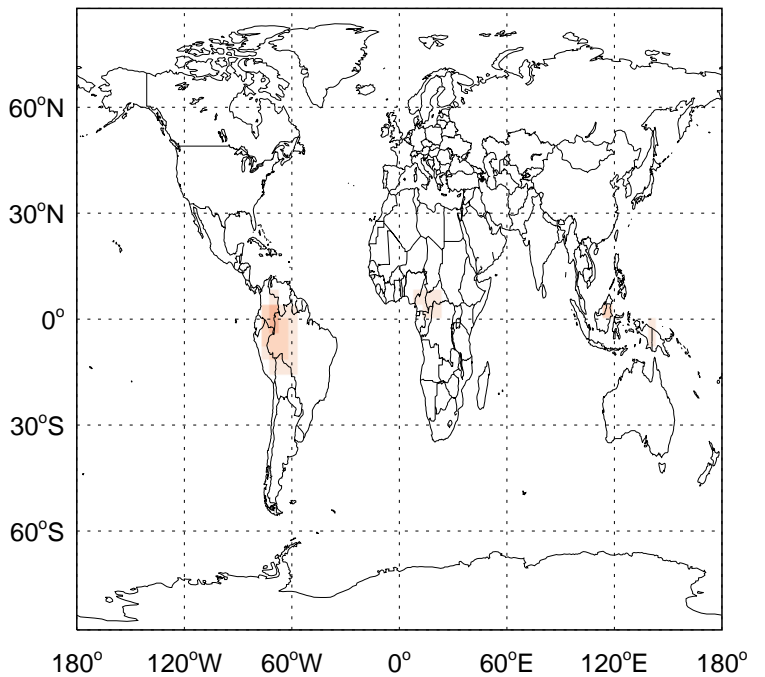
v11-02d - v11-02a

IPMN - Diff @ Surface for Oct



v11-02d - v11-02a

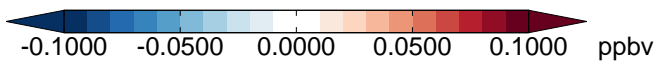
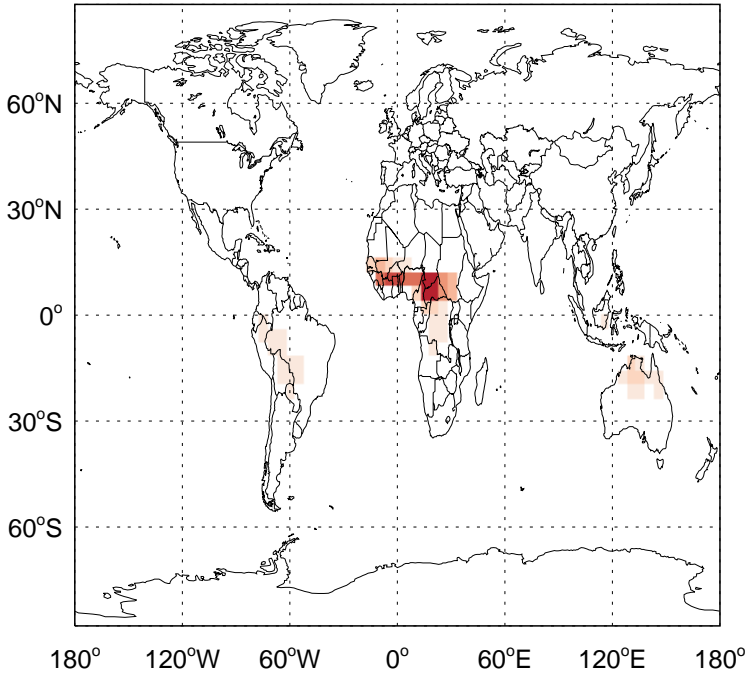
IPMN- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

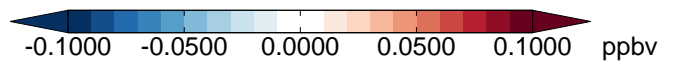
v11-02d - v11-02c

HC187 - Diff @ Surface for Oct



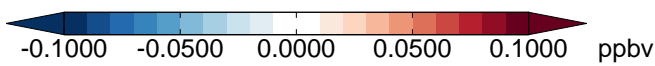
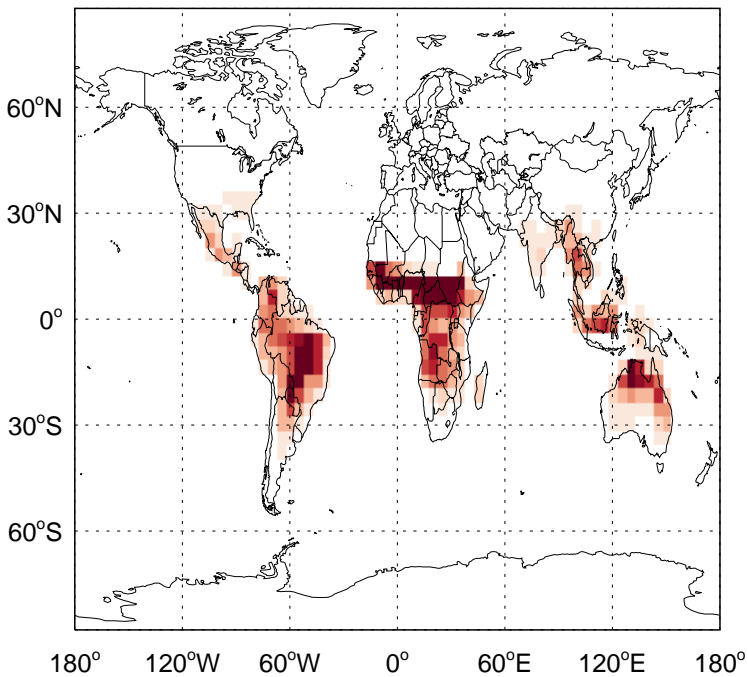
v11-02d - v11-02c

HC187- Diff @ 500 hPa for Oct



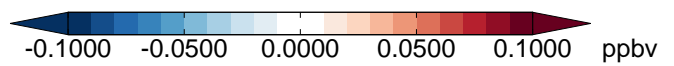
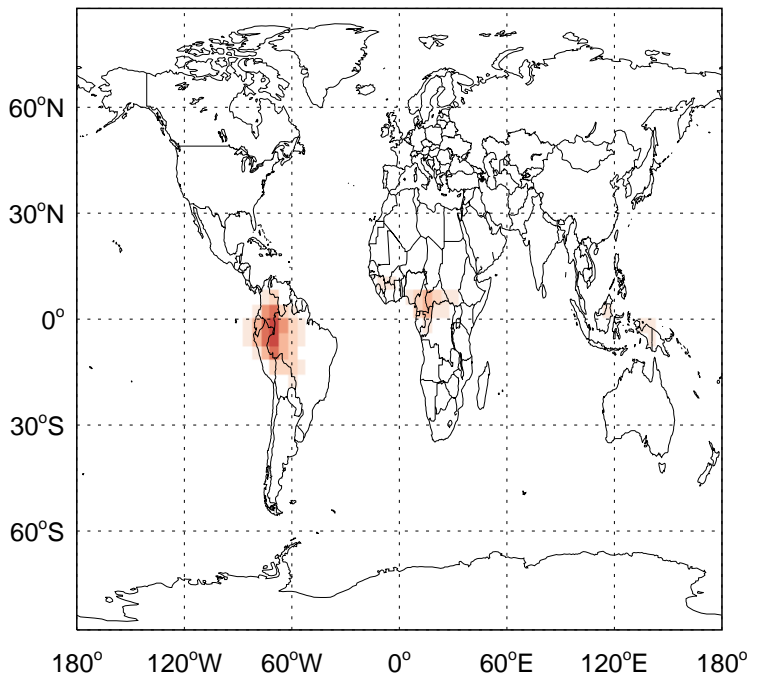
v11-02d - v11-02a

HC187 - Diff @ Surface for Oct



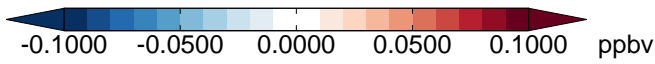
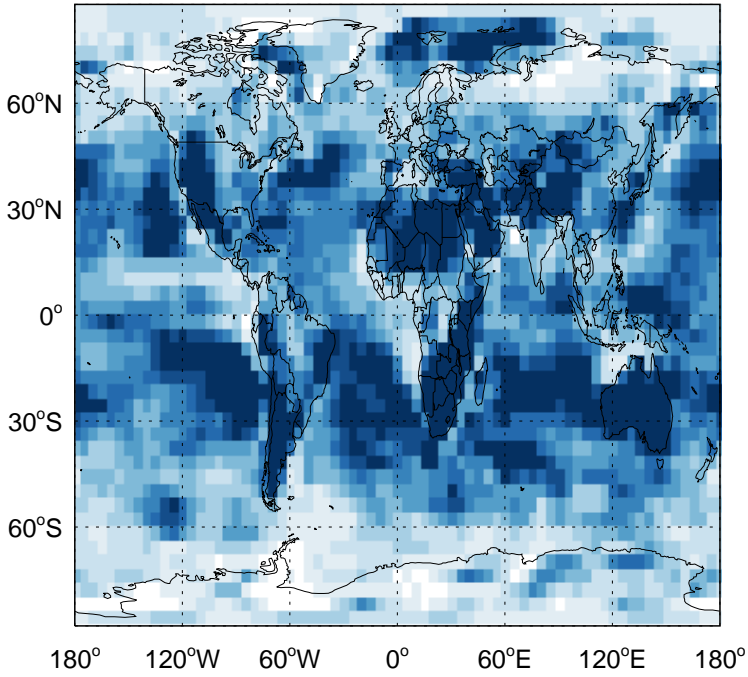
v11-02d - v11-02a

HC187- Diff @ 500 hPa for Oct

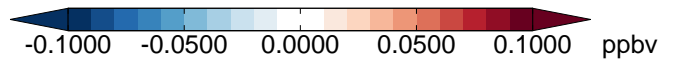
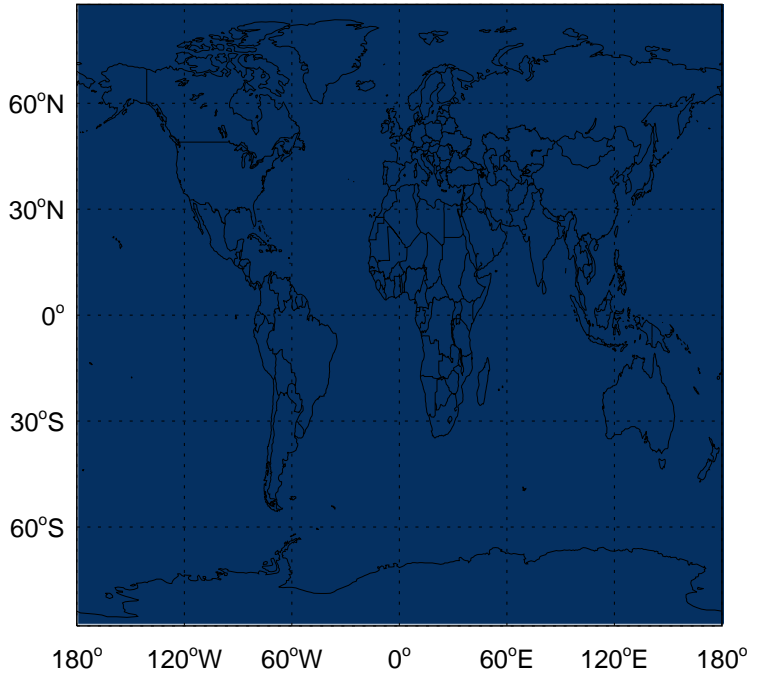


# GEOS-Chem Difference Maps at surface and 500 hPa

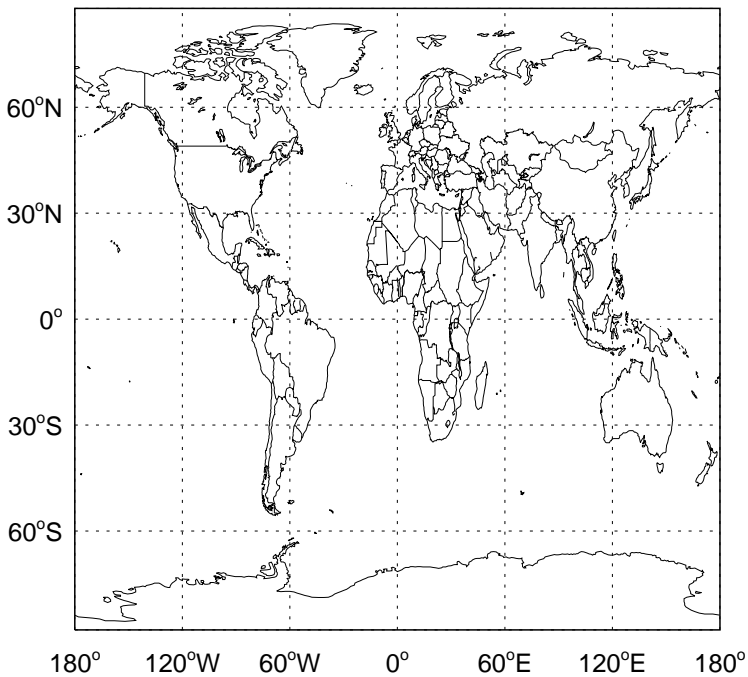
v11-02d - v11-02c  
N2O - Diff @ Surface for Oct



v11-02d - v11-02c  
N2O- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
N2O - Diff @ Surface for Oct



v11-02d - v11-02a  
N2O- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

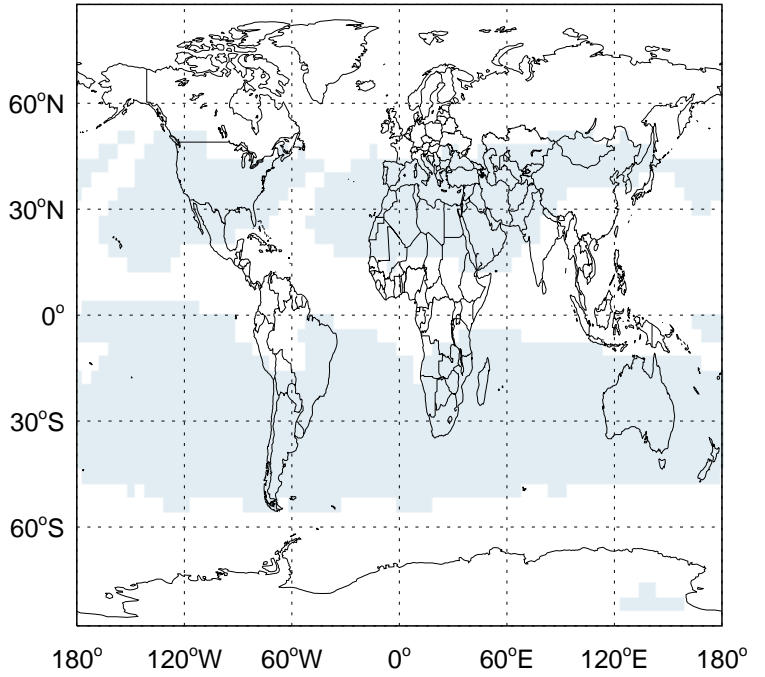
v11-02d - v11-02c

OCS - Diff @ Surface for Oct



v11-02d - v11-02c

OCS- Diff @ 500 hPa for Oct



v11-02d - v11-02a

OCS - Diff @ Surface for Oct



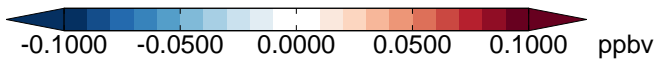
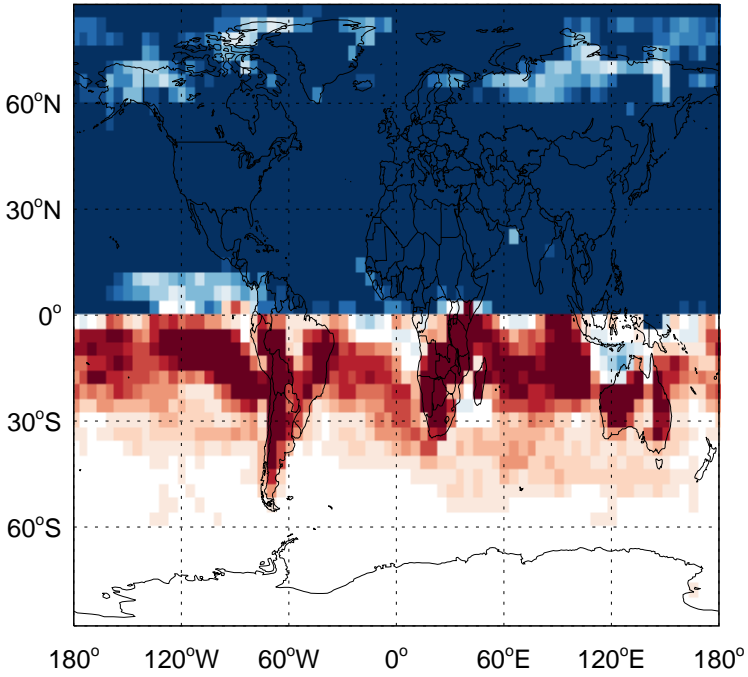
v11-02d - v11-02a

OCS- Diff @ 500 hPa for Oct

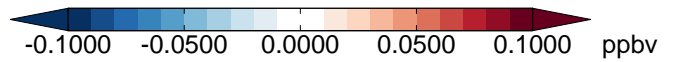
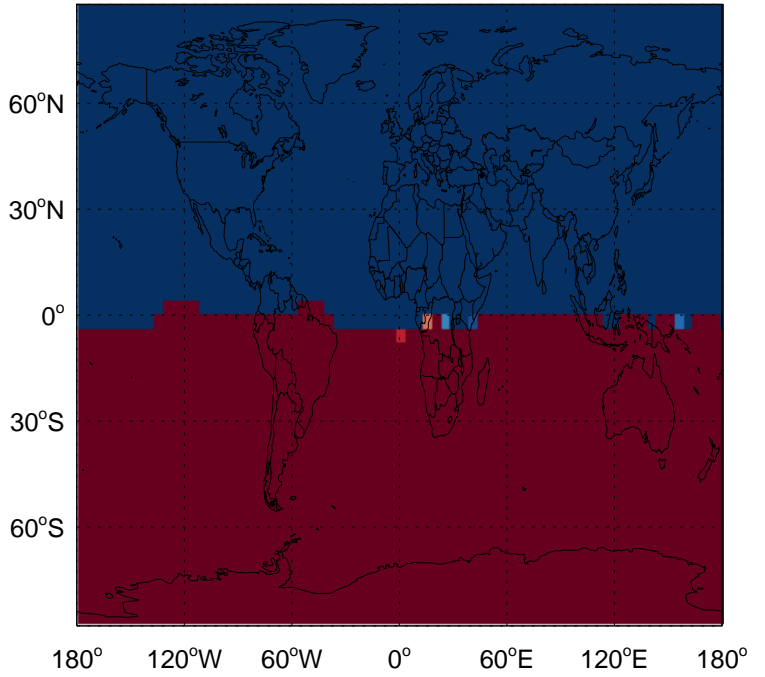


# GEOS-Chem Difference Maps at surface and 500 hPa

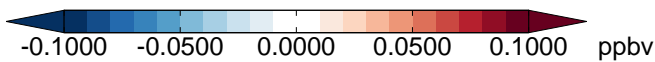
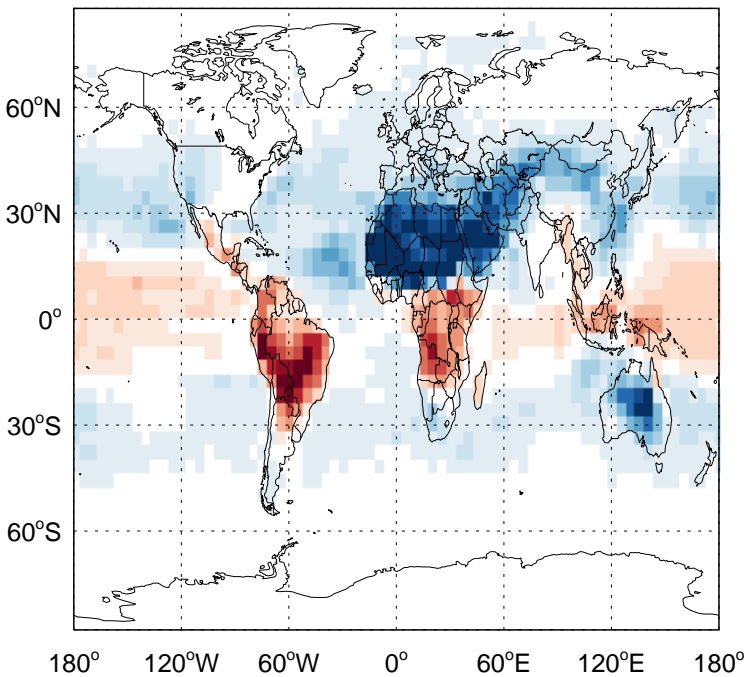
v11-02d - v11-02c  
CH4 - Diff @ Surface for Oct



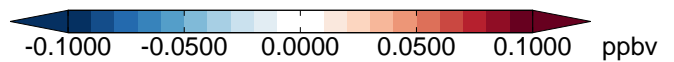
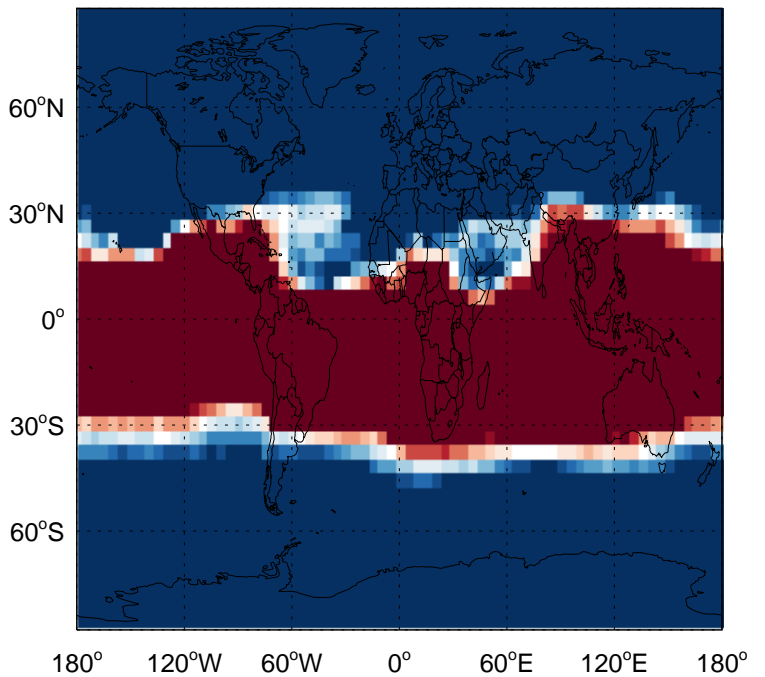
v11-02d - v11-02c  
CH4- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
CH4 - Diff @ Surface for Oct



v11-02d - v11-02a  
CH4- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

BrCl - Diff @ Surface for Oct



v11-02d - v11-02c

BrCl - Diff @ 500 hPa for Oct



v11-02d - v11-02a

BrCl - Diff @ Surface for Oct



v11-02d - v11-02a

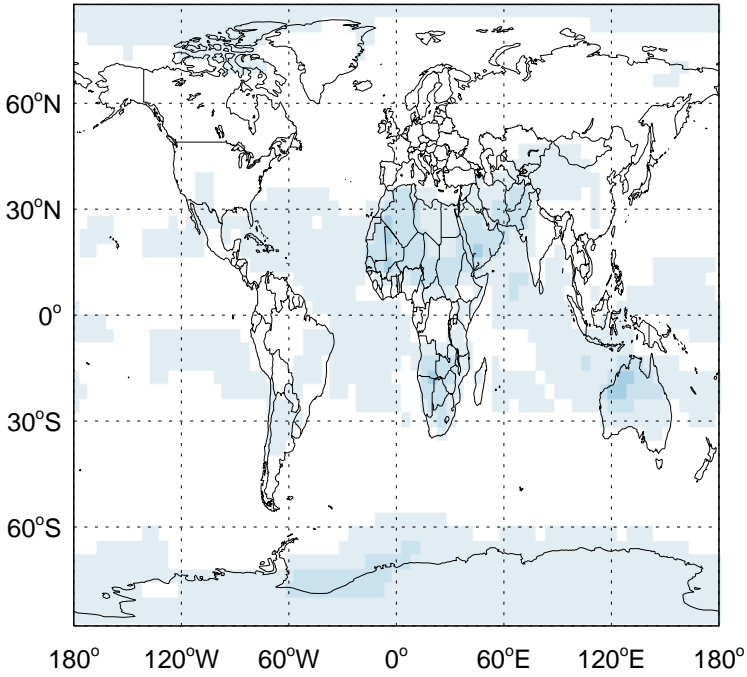
BrCl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

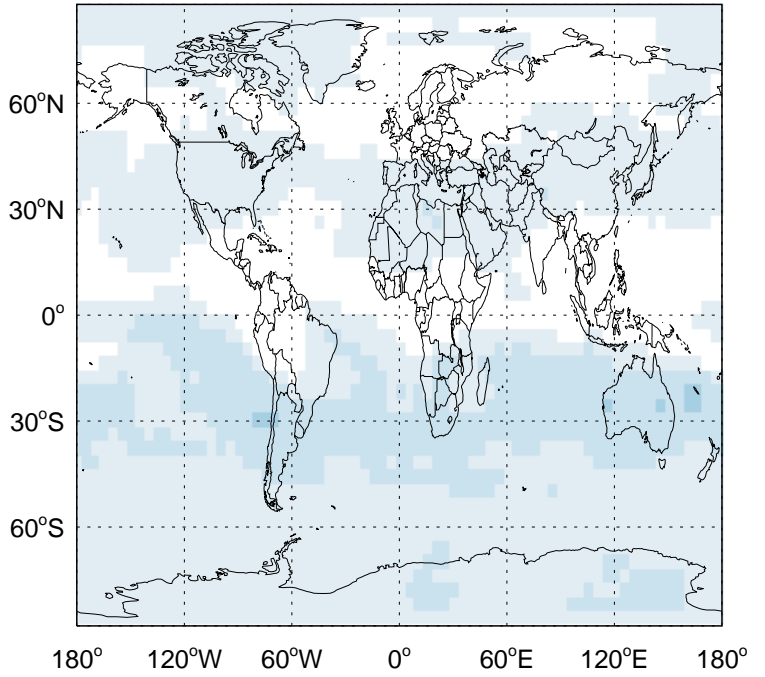
v11-02d - v11-02c

HCl - Diff @ Surface for Oct



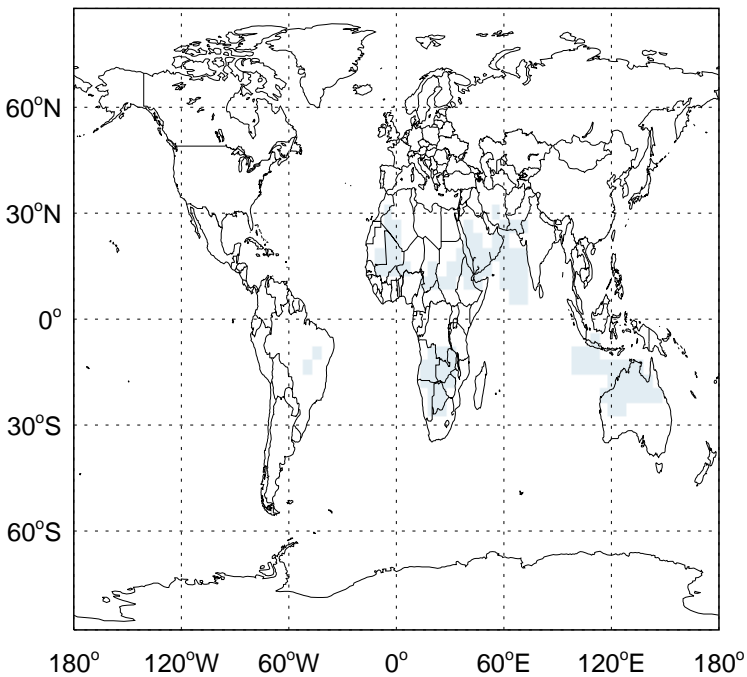
v11-02d - v11-02c

HCl - Diff @ 500 hPa for Oct



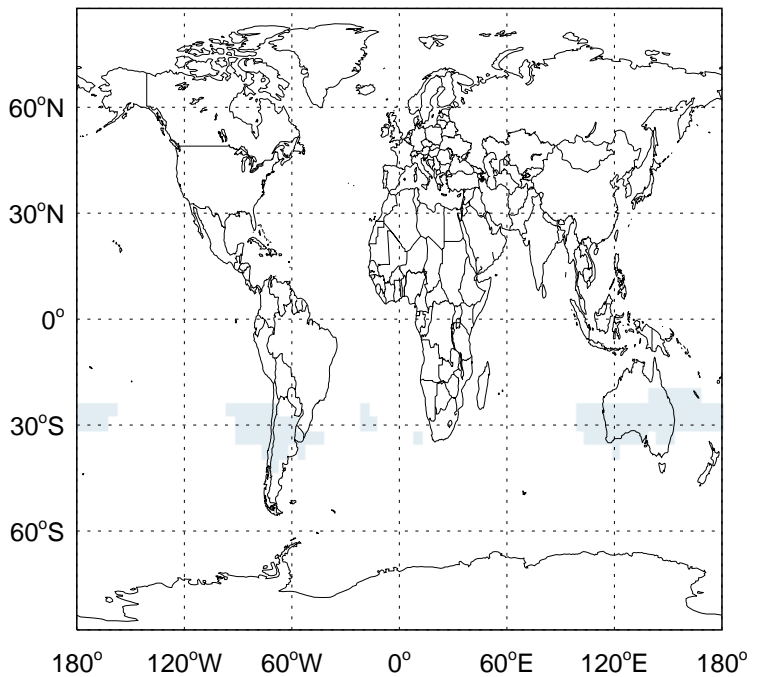
v11-02d - v11-02a

HCl - Diff @ Surface for Oct



v11-02d - v11-02a

HCl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

CCl4 - Diff @ Surface for Oct



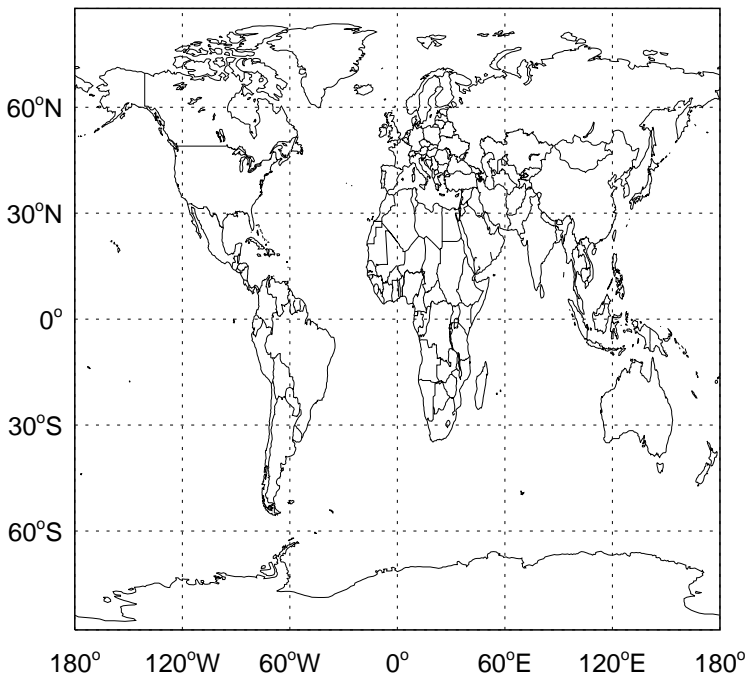
v11-02d - v11-02c

CCl4- Diff @ 500 hPa for Oct



v11-02d - v11-02a

CCl4 - Diff @ Surface for Oct



v11-02d - v11-02a

CCl4- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

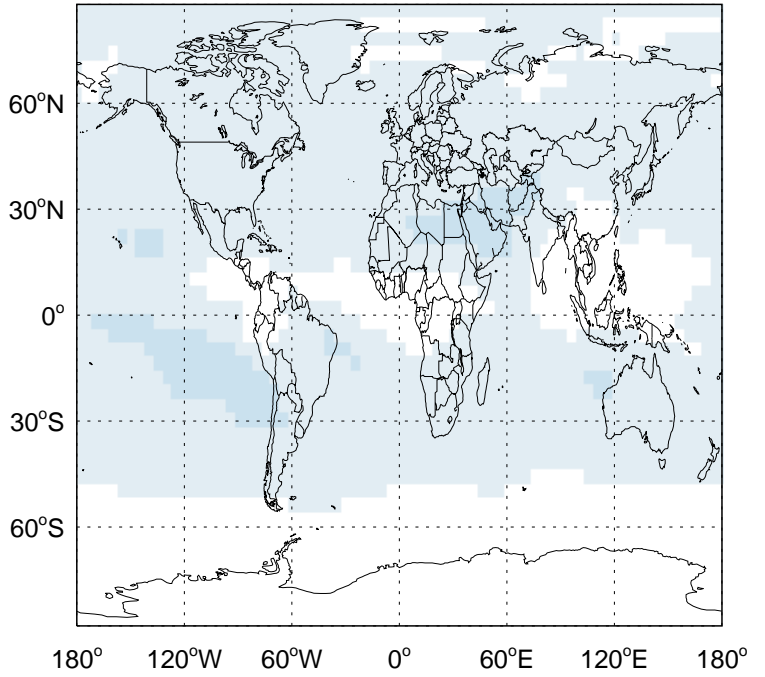
v11-02d - v11-02c

CH<sub>3</sub>Cl - Diff @ Surface for Oct



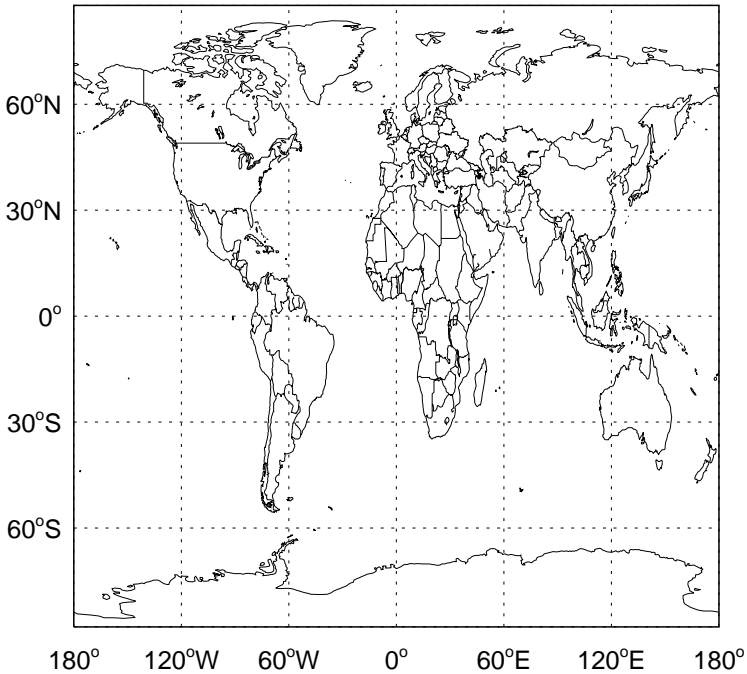
v11-02d - v11-02c

CH<sub>3</sub>Cl - Diff @ 500 hPa for Oct



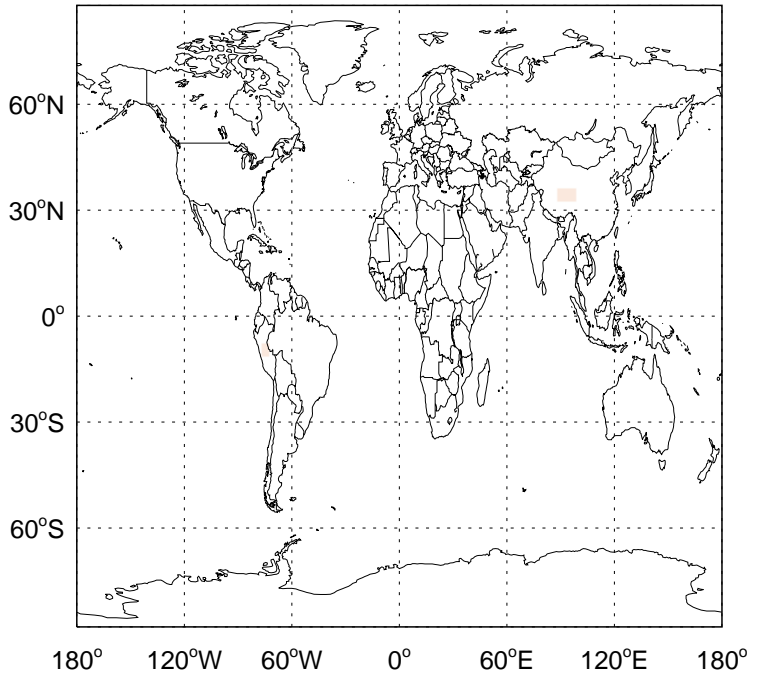
v11-02d - v11-02a

CH<sub>3</sub>Cl - Diff @ Surface for Oct



v11-02d - v11-02a

CH<sub>3</sub>Cl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c  
CH3CCI3 - Diff @ Surface for Oct



v11-02d - v11-02c  
CH3CCI3- Diff @ 500 hPa for Oct



v11-02d - v11-02a  
CH3CCI3 - Diff @ Surface for Oct



v11-02d - v11-02a  
CH3CCI3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

CFC113 - Diff @ Surface for Oct



v11-02d - v11-02c

CFC113- Diff @ 500 hPa for Oct



v11-02d - v11-02a

CFC113 - Diff @ Surface for Oct



v11-02d - v11-02a

CFC113- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

CFC114 - Diff @ Surface for Oct



v11-02d - v11-02c

CFC114- Diff @ 500 hPa for Oct



v11-02d - v11-02a

CFC114 - Diff @ Surface for Oct



v11-02d - v11-02a

CFC114- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

CFC115 - Diff @ Surface for Oct



v11-02d - v11-02c

CFC115- Diff @ 500 hPa for Oct



v11-02d - v11-02a

CFC115 - Diff @ Surface for Oct



v11-02d - v11-02a

CFC115- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

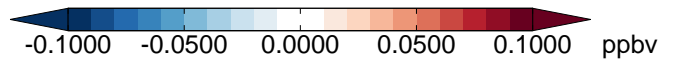
v11-02d - v11-02c

HCFC123 - Diff @ Surface for Oct



v11-02d - v11-02c

HCFC123- Diff @ 500 hPa for Oct



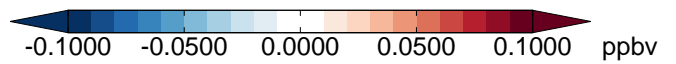
v11-02d - v11-02a

HCFC123 - Diff @ Surface for Oct



v11-02d - v11-02a

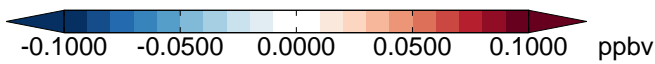
HCFC123- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

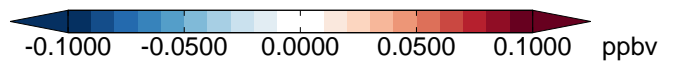
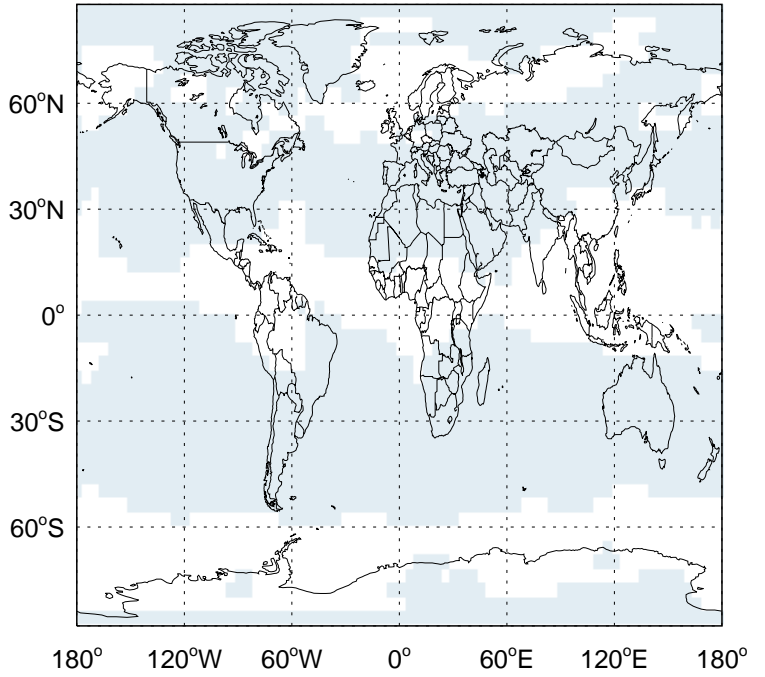
v11-02d - v11-02c

HCFC141b - Diff @ Surface for Oct



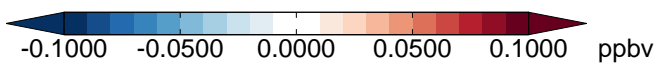
v11-02d - v11-02c

HCFC141b- Diff @ 500 hPa for Oct



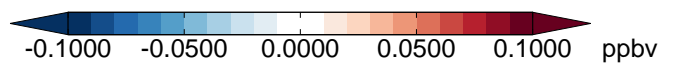
v11-02d - v11-02a

HCFC141b - Diff @ Surface for Oct



v11-02d - v11-02a

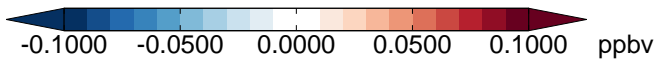
HCFC141b- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

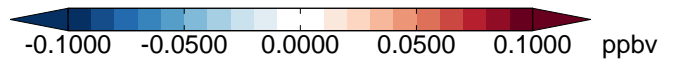
v11-02d - v11-02c

HCFC142b - Diff @ Surface for Oct



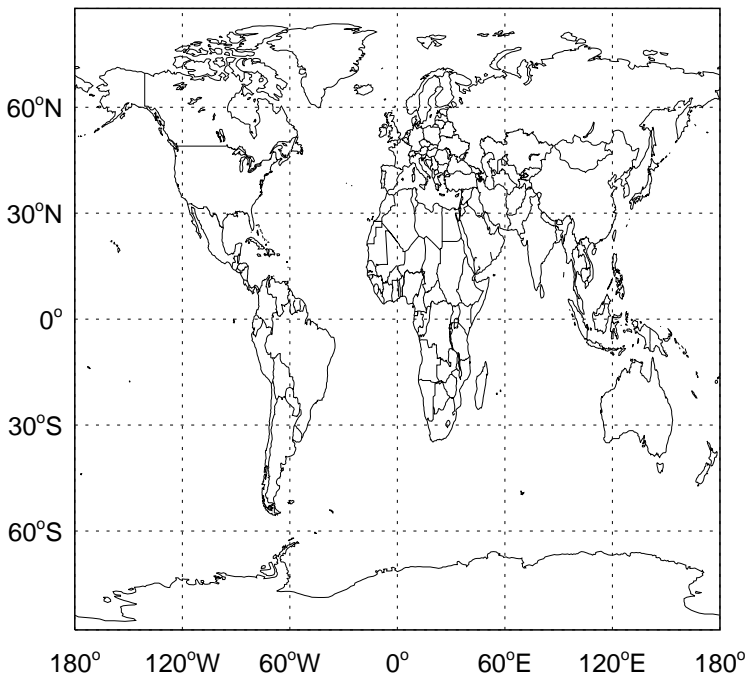
v11-02d - v11-02c

HCFC142b- Diff @ 500 hPa for Oct



v11-02d - v11-02a

HCFC142b - Diff @ Surface for Oct



v11-02d - v11-02a

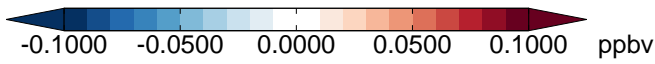
HCFC142b- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

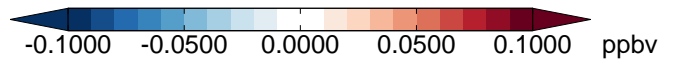
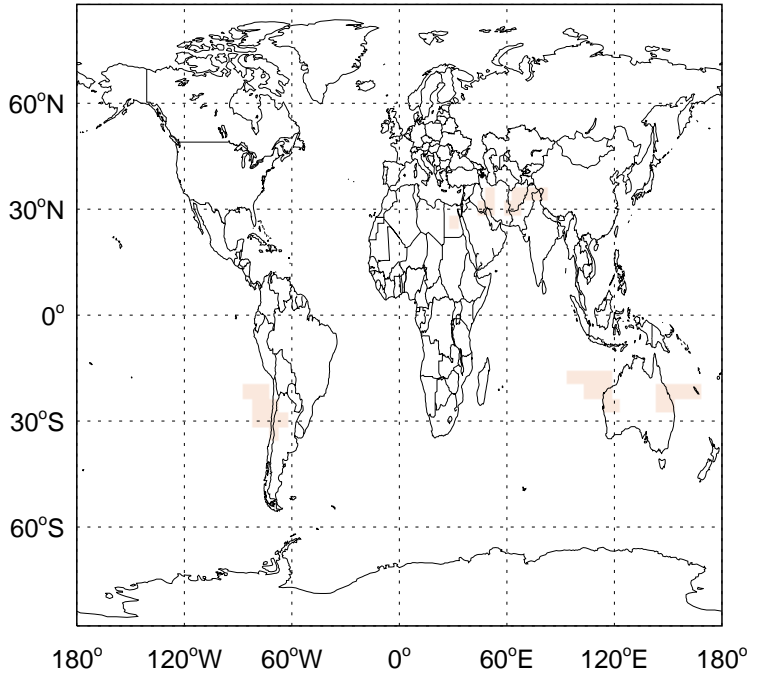
v11-02d - v11-02c

CFC11 - Diff @ Surface for Oct



v11-02d - v11-02c

CFC11- Diff @ 500 hPa for Oct



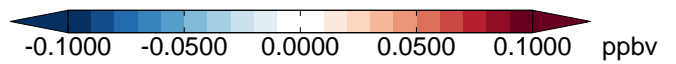
v11-02d - v11-02a

CFC11 - Diff @ Surface for Oct



v11-02d - v11-02a

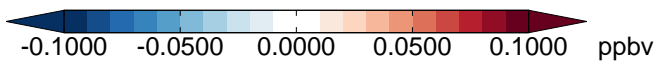
CFC11- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

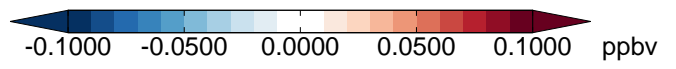
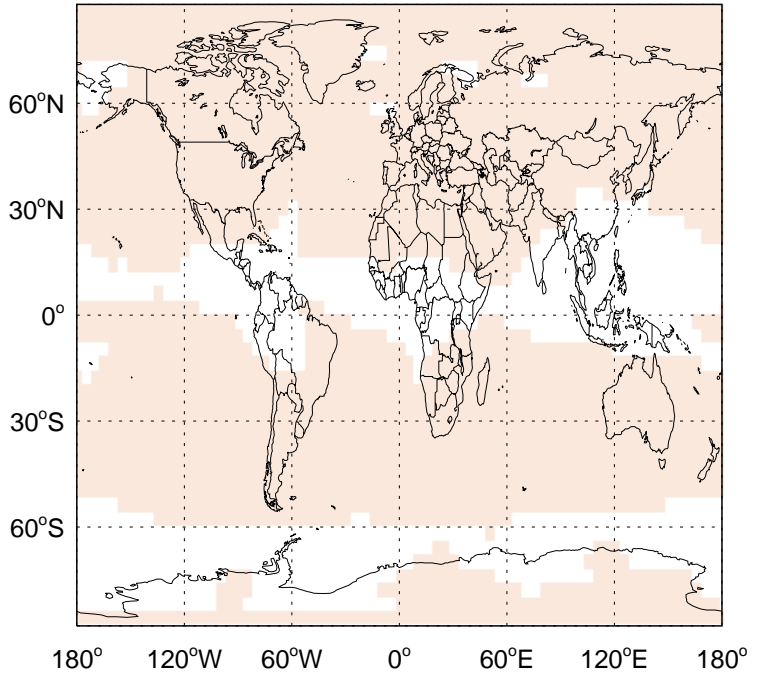
v11-02d - v11-02c

CFC12 - Diff @ Surface for Oct



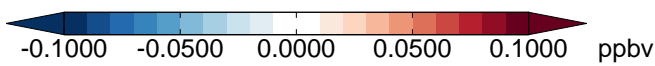
v11-02d - v11-02c

CFC12- Diff @ 500 hPa for Oct



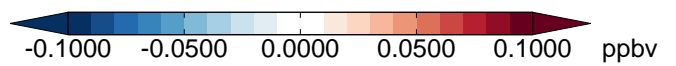
v11-02d - v11-02a

CFC12 - Diff @ Surface for Oct



v11-02d - v11-02a

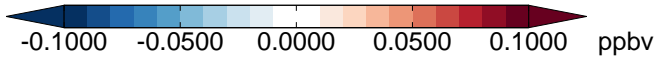
CFC12- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

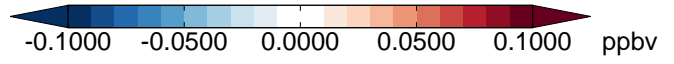
v11-02d - v11-02c

HCFC22 - Diff @ Surface for Oct



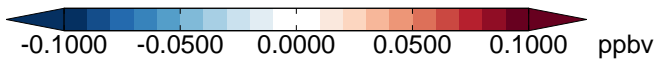
v11-02d - v11-02c

HCFC22- Diff @ 500 hPa for Oct



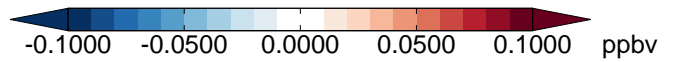
v11-02d - v11-02a

HCFC22 - Diff @ Surface for Oct



v11-02d - v11-02a

HCFC22- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

H1211 - Diff @ Surface for Oct



v11-02d - v11-02c

H1211- Diff @ 500 hPa for Oct



v11-02d - v11-02a

H1211 - Diff @ Surface for Oct



v11-02d - v11-02a

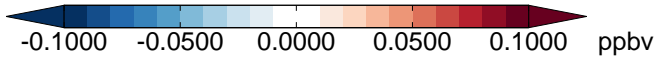
H1211- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

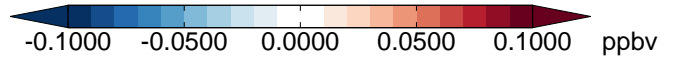
v11-02d - v11-02c

H1301 - Diff @ Surface for Oct



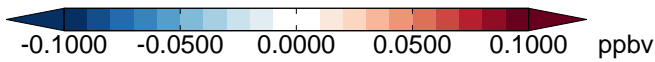
v11-02d - v11-02c

H1301- Diff @ 500 hPa for Oct



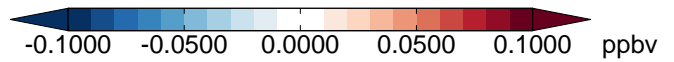
v11-02d - v11-02a

H1301 - Diff @ Surface for Oct



v11-02d - v11-02a

H1301- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

H2402 - Diff @ Surface for Oct



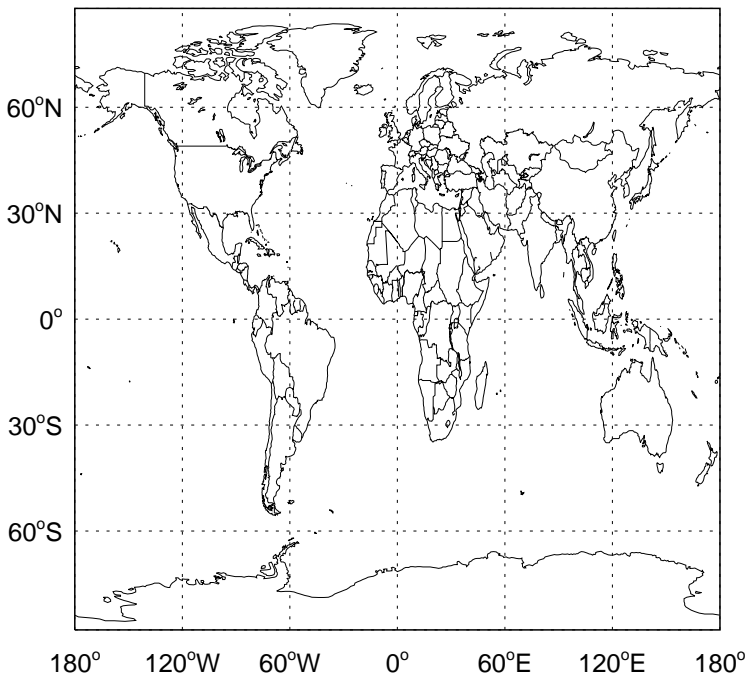
v11-02d - v11-02c

H2402- Diff @ 500 hPa for Oct



v11-02d - v11-02a

H2402 - Diff @ Surface for Oct



v11-02d - v11-02a

H2402- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

Cl - Diff @ Surface for Oct



v11-02d - v11-02c

Cl- Diff @ 500 hPa for Oct



v11-02d - v11-02a

Cl - Diff @ Surface for Oct



v11-02d - v11-02a

Cl- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

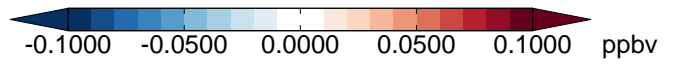
v11-02d - v11-02c

CIO - Diff @ Surface for Oct



v11-02d - v11-02c

CIO- Diff @ 500 hPa for Oct



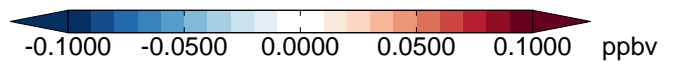
v11-02d - v11-02a

CIO - Diff @ Surface for Oct



v11-02d - v11-02a

CIO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

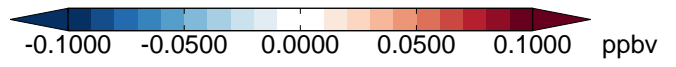
v11-02d - v11-02c

HOCl - Diff @ Surface for Oct



v11-02d - v11-02c

HOCl - Diff @ 500 hPa for Oct



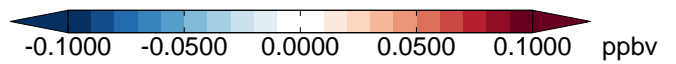
v11-02d - v11-02a

HOCl - Diff @ Surface for Oct



v11-02d - v11-02a

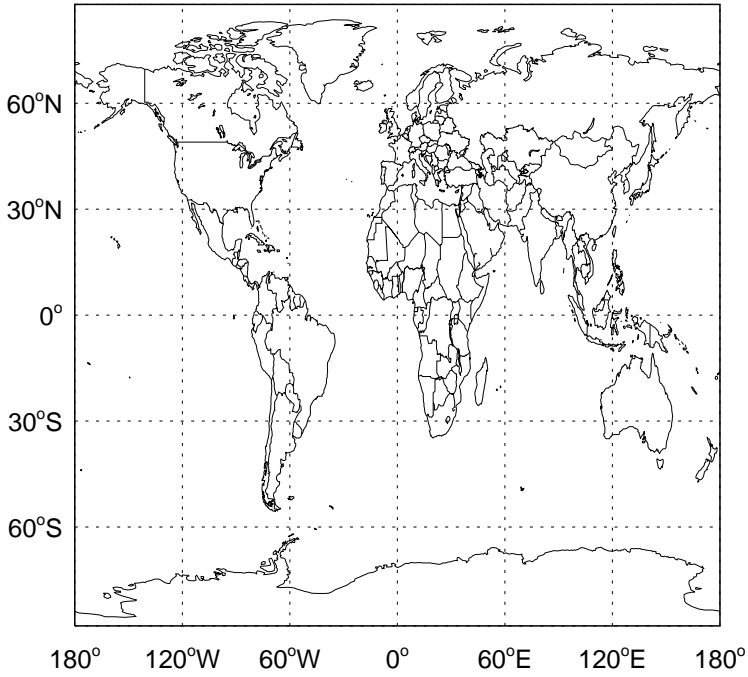
HOCl - Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

CINO3 - Diff @ Surface for Oct



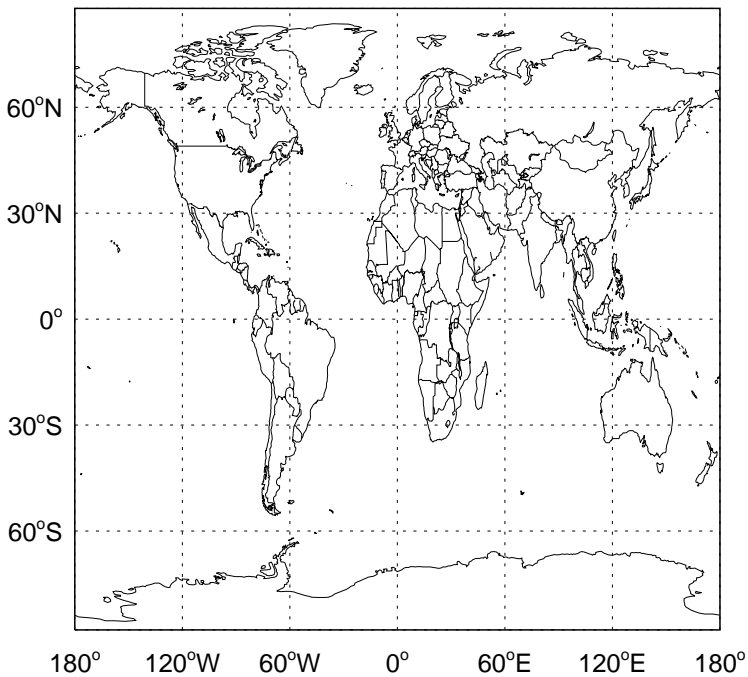
v11-02d - v11-02c

CINO3- Diff @ 500 hPa for Oct



v11-02d - v11-02a

CINO3 - Diff @ Surface for Oct



v11-02d - v11-02a

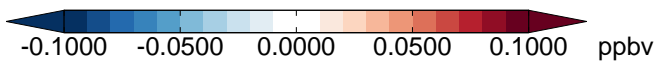
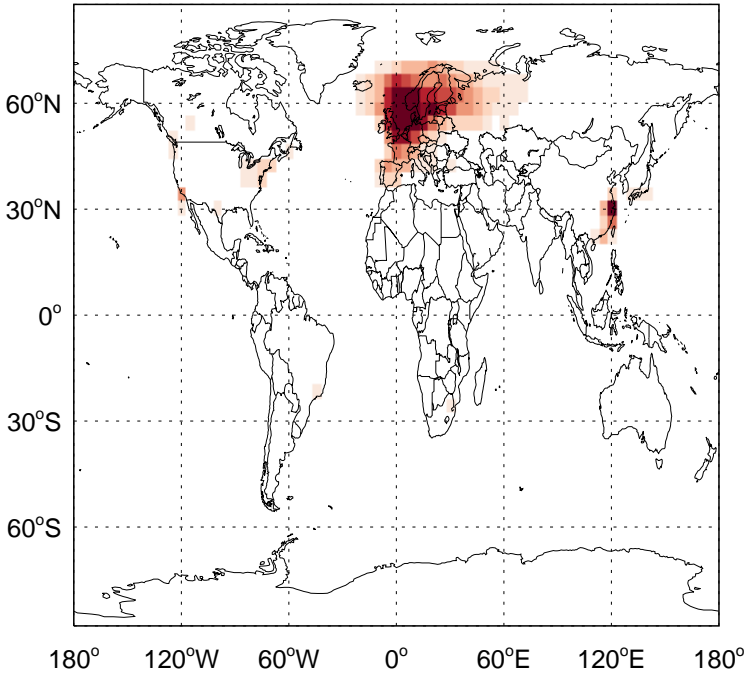
CINO3- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

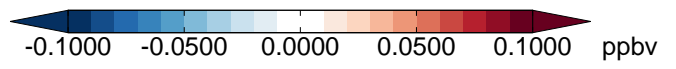
v11-02d - v11-02c

CINO2 - Diff @ Surface for Oct



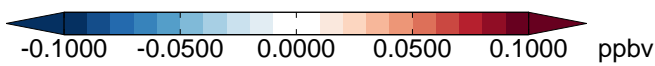
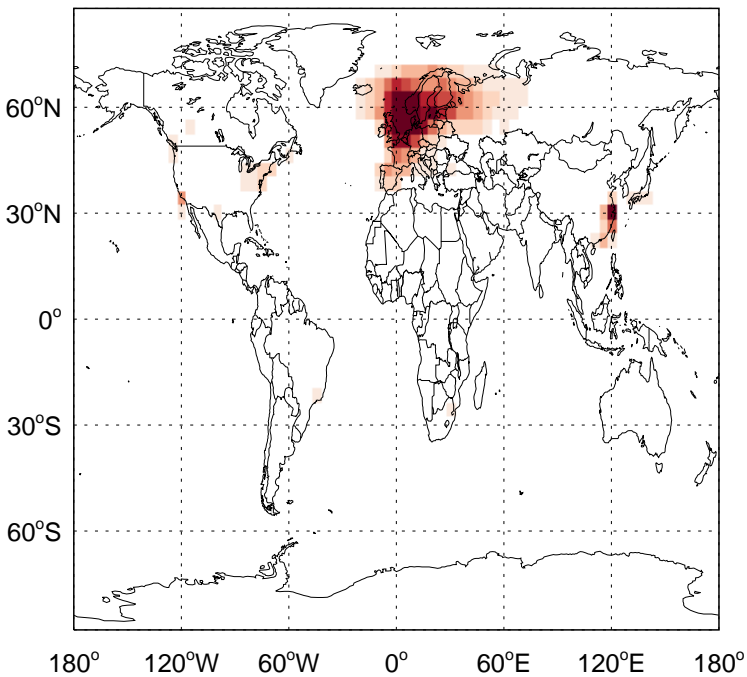
v11-02d - v11-02c

CINO2- Diff @ 500 hPa for Oct



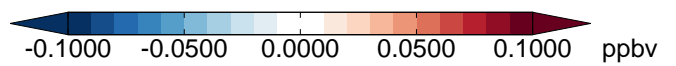
v11-02d - v11-02a

CINO2 - Diff @ Surface for Oct



v11-02d - v11-02a

CINO2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

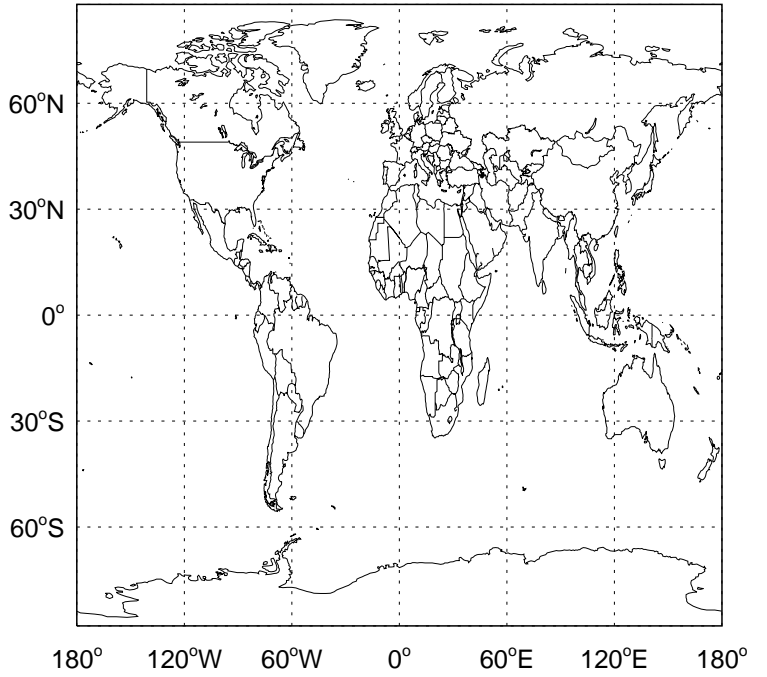
v11-02d - v11-02c

CIOO - Diff @ Surface for Oct



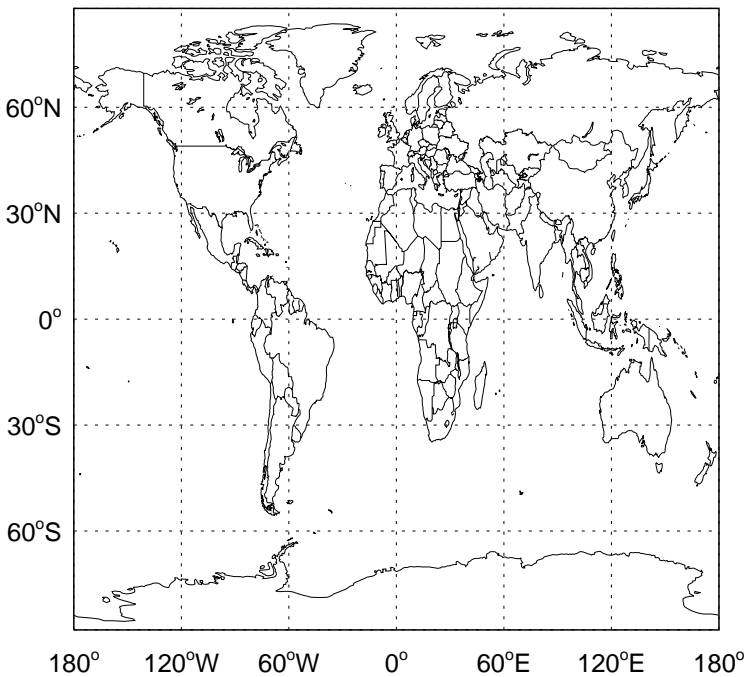
v11-02d - v11-02c

CIOO- Diff @ 500 hPa for Oct



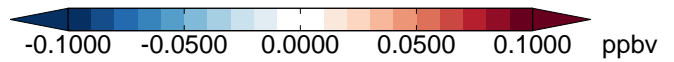
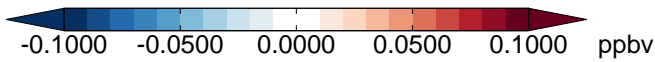
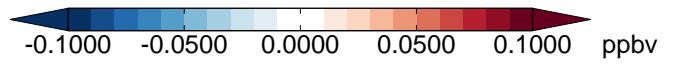
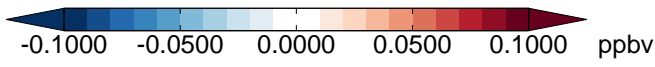
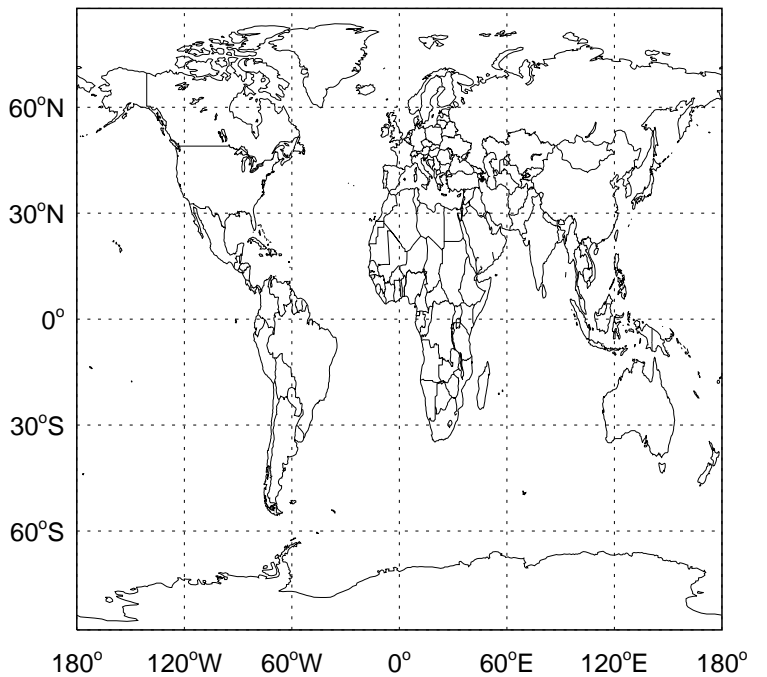
v11-02d - v11-02a

CIOO - Diff @ Surface for Oct



v11-02d - v11-02a

CIOO- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

OCIO - Diff @ Surface for Oct



v11-02d - v11-02c

OCIO- Diff @ 500 hPa for Oct



v11-02d - v11-02a

OCIO - Diff @ Surface for Oct



v11-02d - v11-02a

OCIO- Diff @ 500 hPa for Oct





# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

Cl2 - Diff @ Surface for Oct



v11-02d - v11-02c

Cl2- Diff @ 500 hPa for Oct



v11-02d - v11-02a

Cl2 - Diff @ Surface for Oct



v11-02d - v11-02a

Cl2- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

v11-02d - v11-02c

Cl<sub>2</sub>O<sub>2</sub> - Diff @ Surface for Oct



v11-02d - v11-02c

Cl<sub>2</sub>O<sub>2</sub>- Diff @ 500 hPa for Oct



v11-02d - v11-02a

Cl<sub>2</sub>O<sub>2</sub> - Diff @ Surface for Oct



v11-02d - v11-02a

Cl<sub>2</sub>O<sub>2</sub>- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

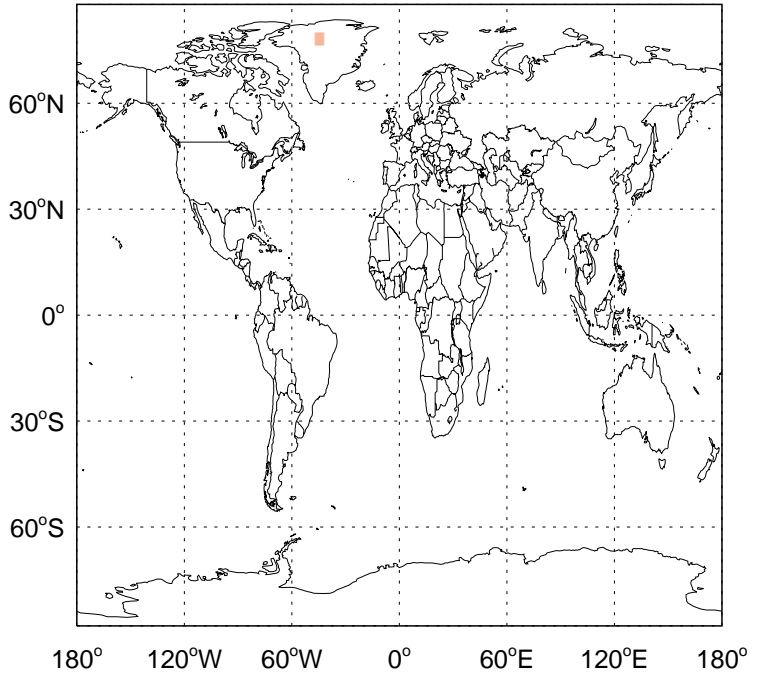
v11-02d - v11-02c

H2O - Diff @ Surface for Oct



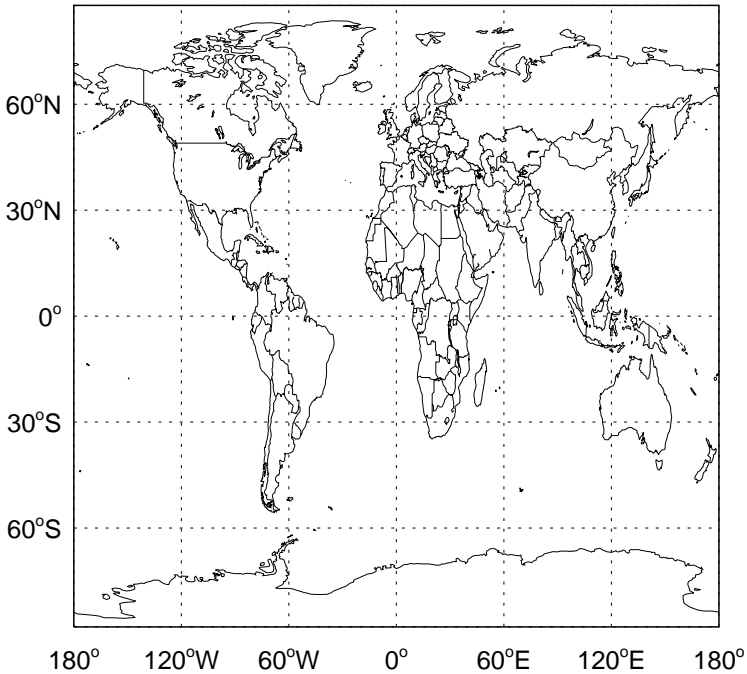
v11-02d - v11-02c

H2O- Diff @ 500 hPa for Oct



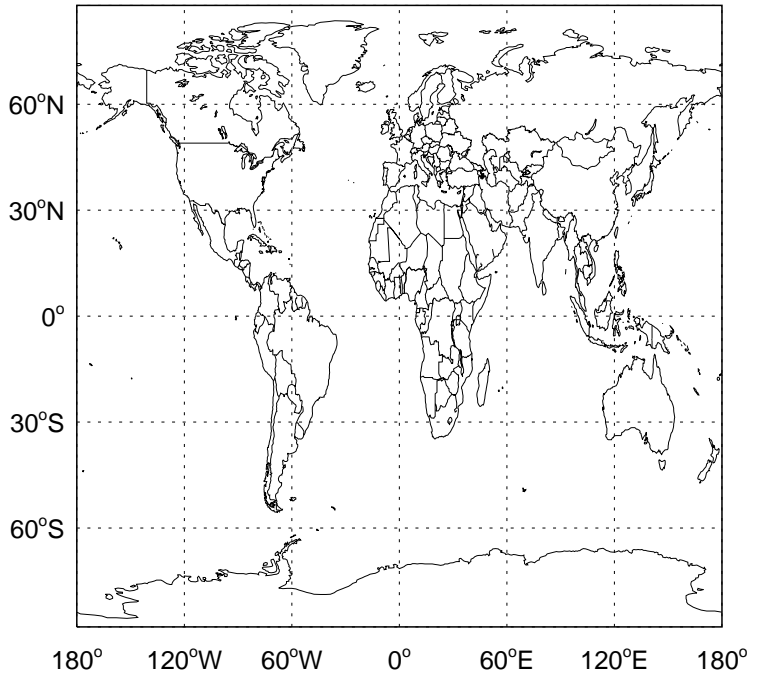
v11-02d - v11-02a

H2O - Diff @ Surface for Oct



v11-02d - v11-02a

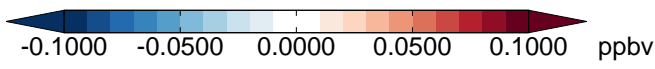
H2O- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

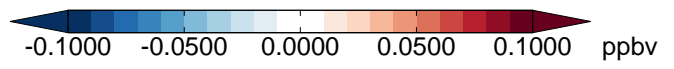
v11-02d - v11-02c

SOAP - Diff @ Surface for Oct



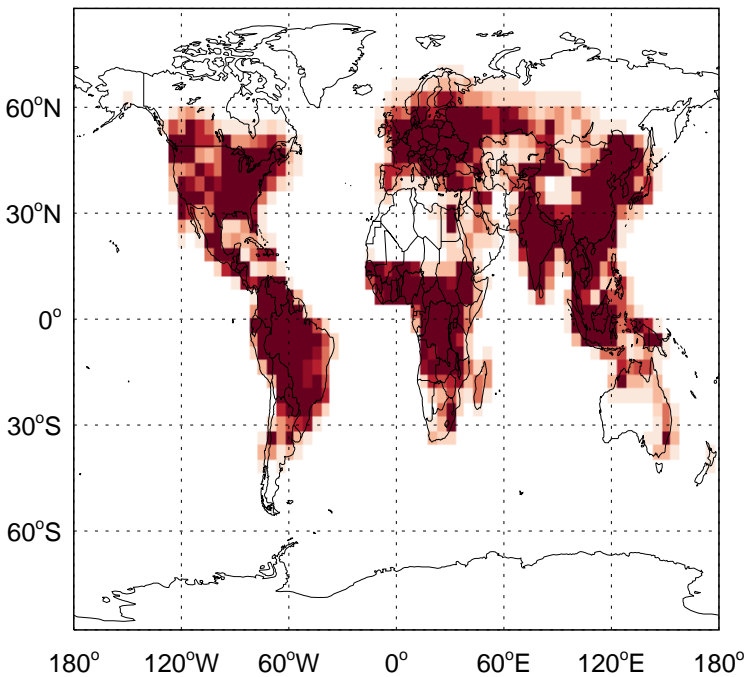
v11-02d - v11-02c

SOAP- Diff @ 500 hPa for Oct



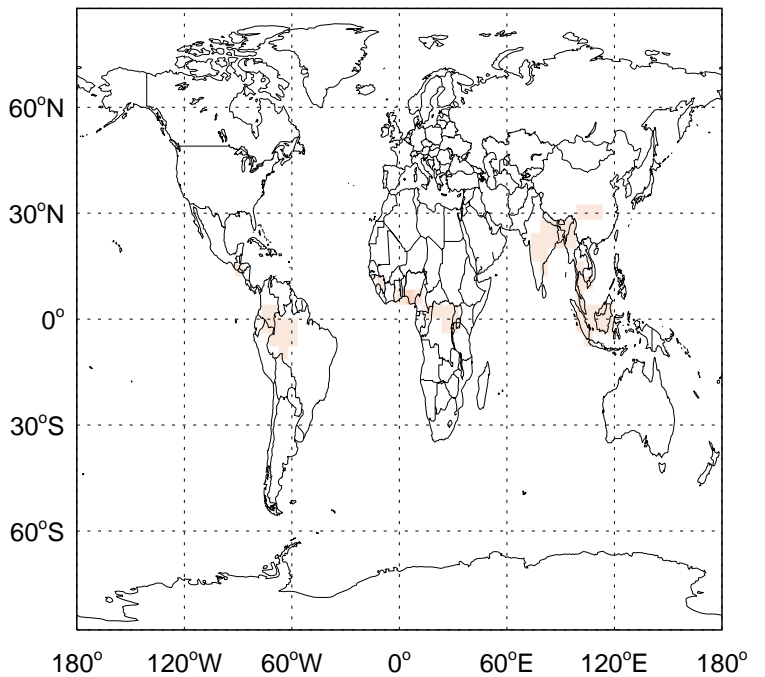
v11-02d - v11-02a

SOAP - Diff @ Surface for Oct



v11-02d - v11-02a

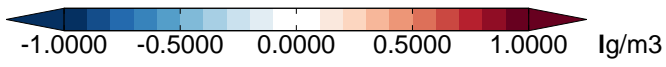
SOAP- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

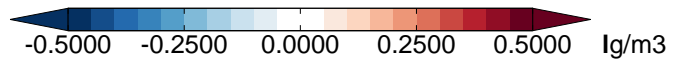
v11-02d - v11-02c

SOAS - Diff @ Surface for Oct



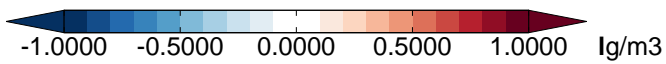
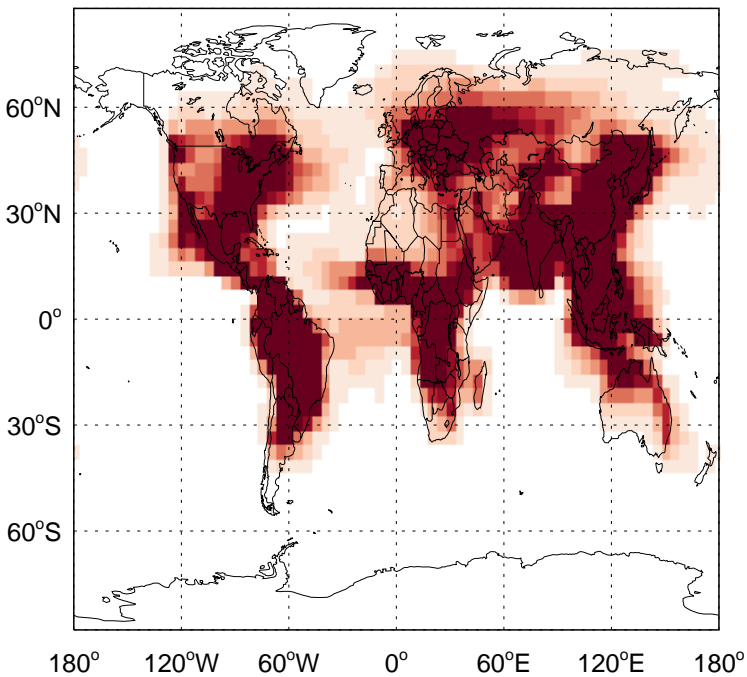
v11-02d - v11-02c

SOAS- Diff @ 500 hPa for Oct



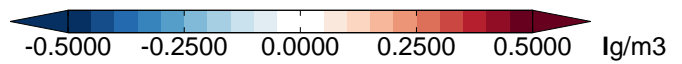
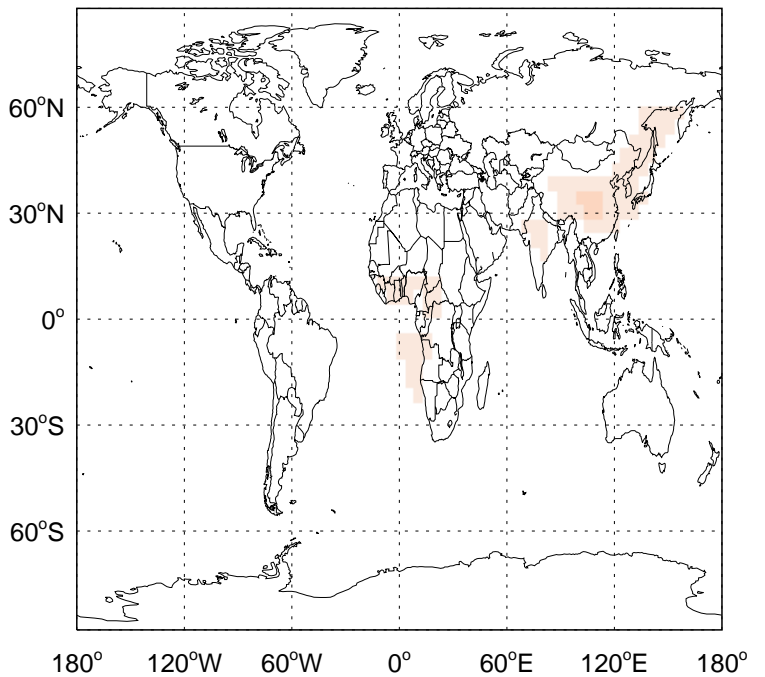
v11-02d - v11-02a

SOAS - Diff @ Surface for Oct



v11-02d - v11-02a

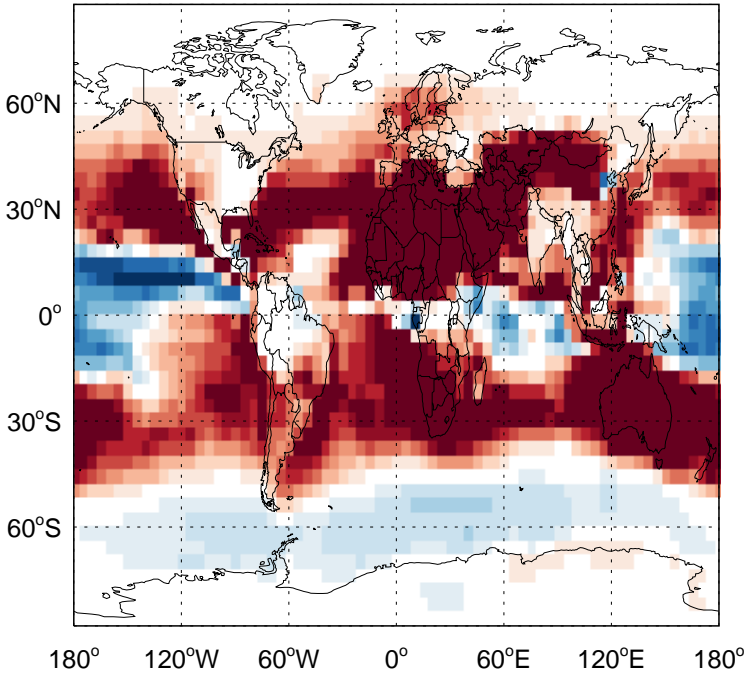
SOAS- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

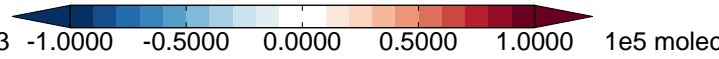
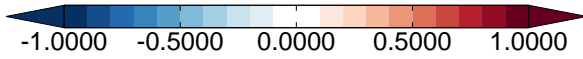
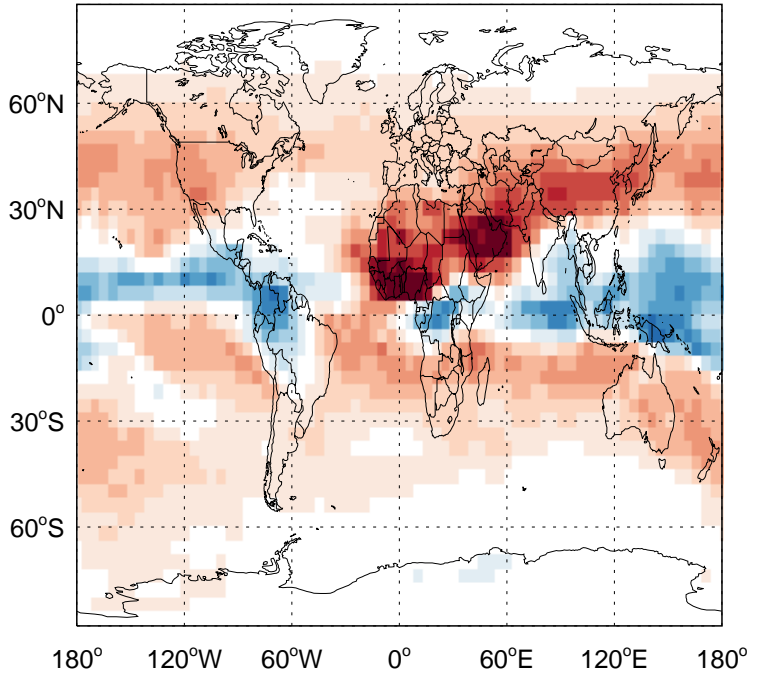
v11-02d - v11-02c

OH - Diff @ Surface for Oct



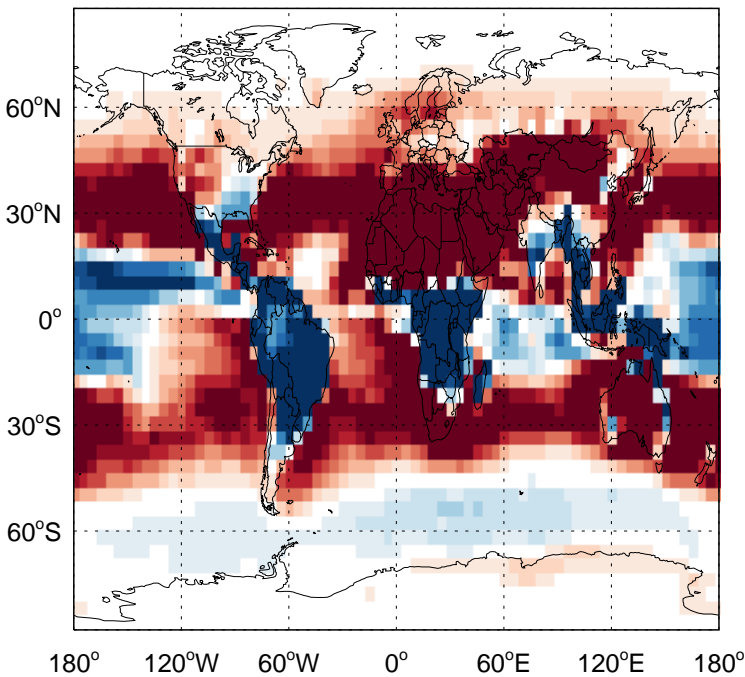
v11-02d - v11-02c

OH- Diff @ 500 hPa for Oct



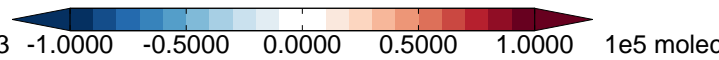
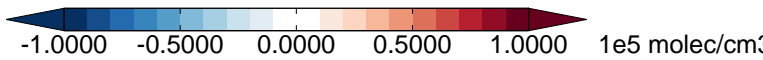
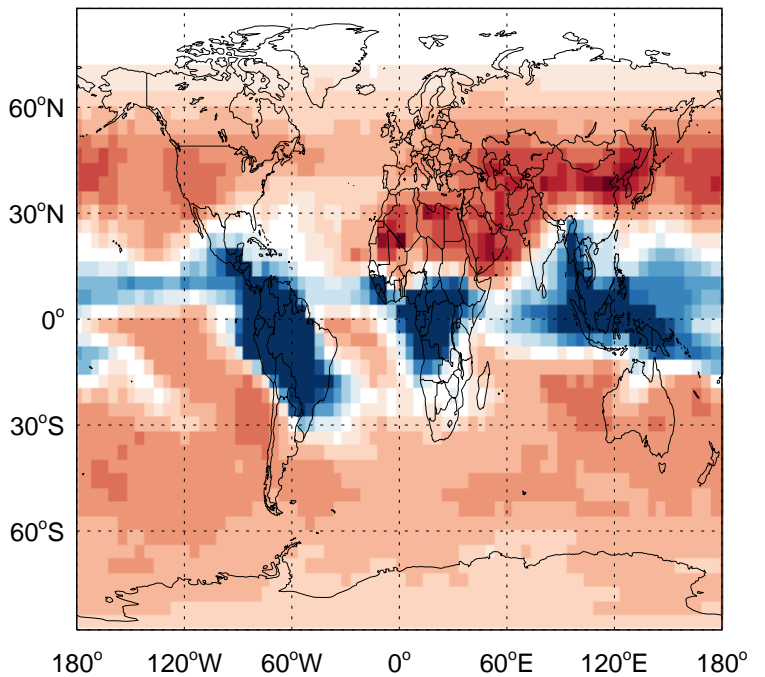
v11-02d - v11-02a

OH - Diff @ Surface for Oct



v11-02d - v11-02a

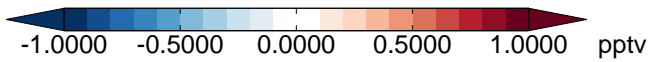
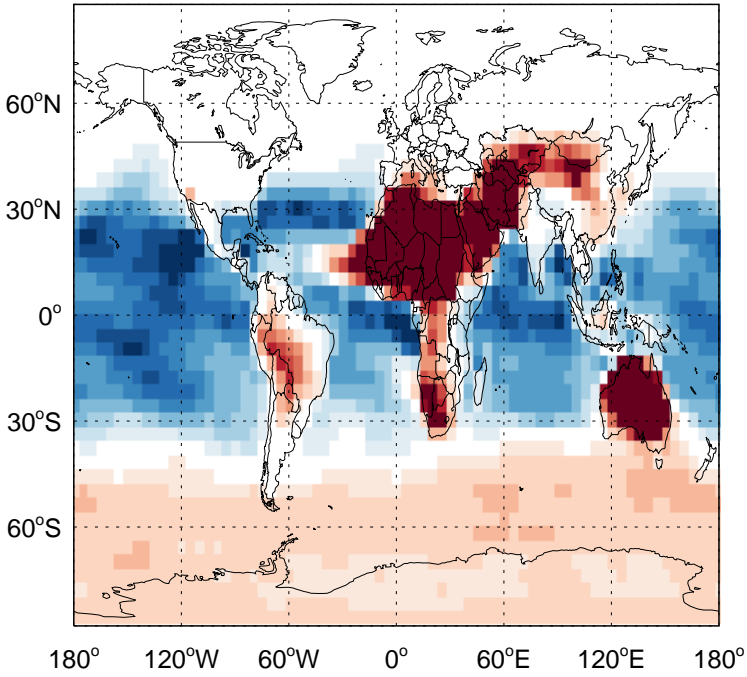
OH- Diff @ 500 hPa for Oct



# GEOS-Chem Difference Maps at surface and 500 hPa

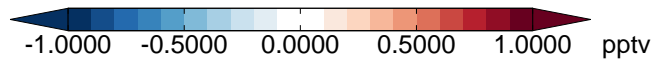
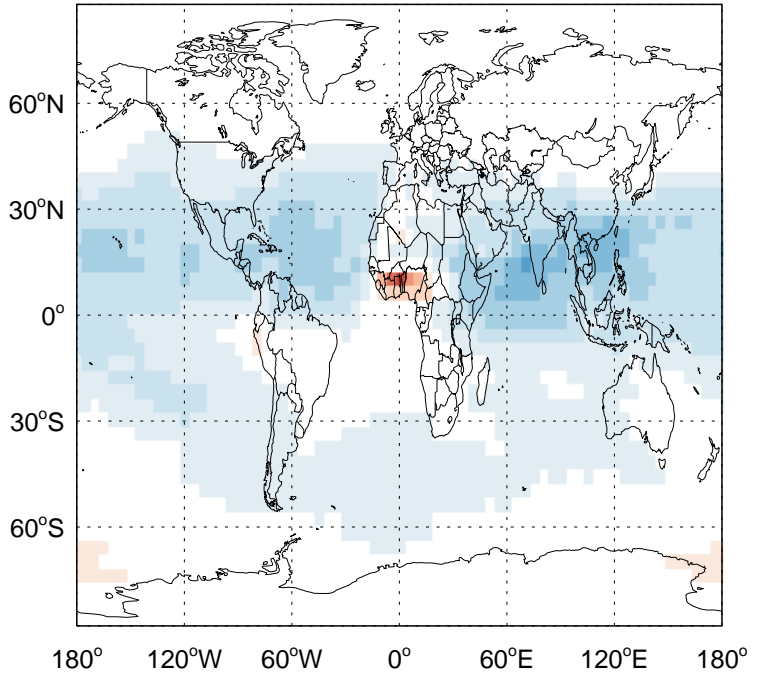
v11-02d - v11-02c

HO2 - Diff @ Surface for Oct



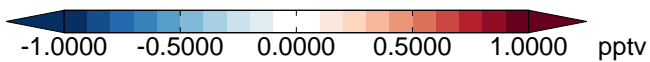
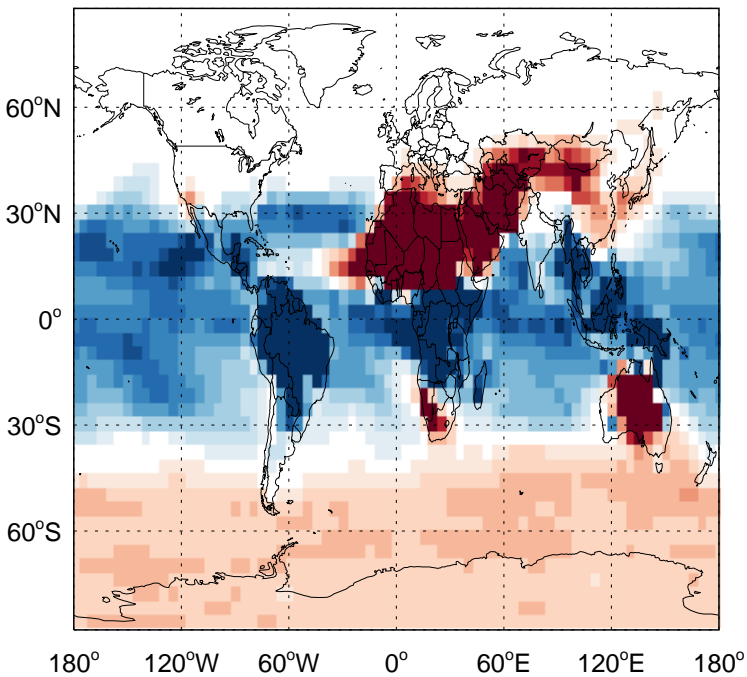
v11-02d - v11-02c

HO2- Diff @ 500 hPa for Oct



v11-02d - v11-02a

HO2 - Diff @ Surface for Oct



v11-02d - v11-02a

HO2- Diff @ 500 hPa for Oct

