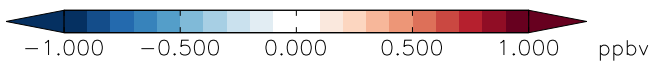
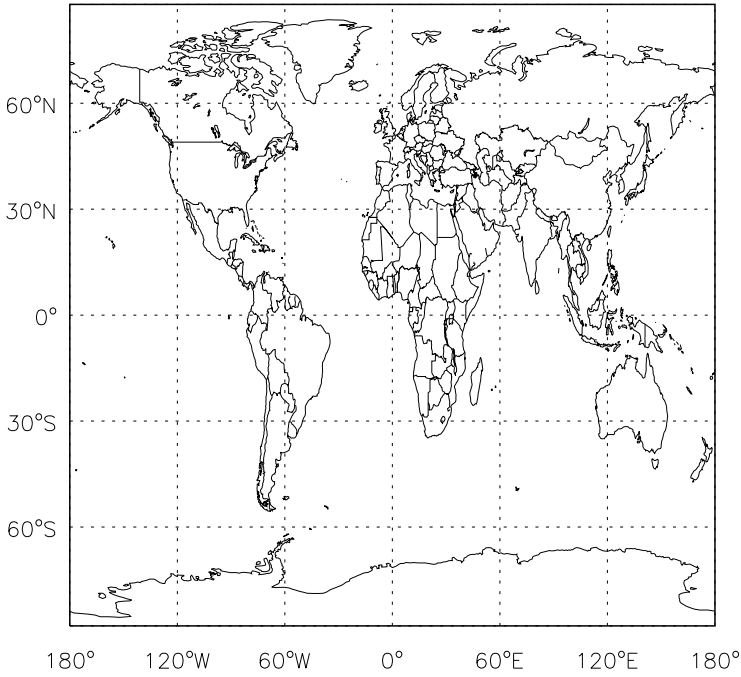


GEOS-Chem Difference Maps at surface and 500 hPa

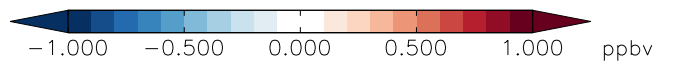
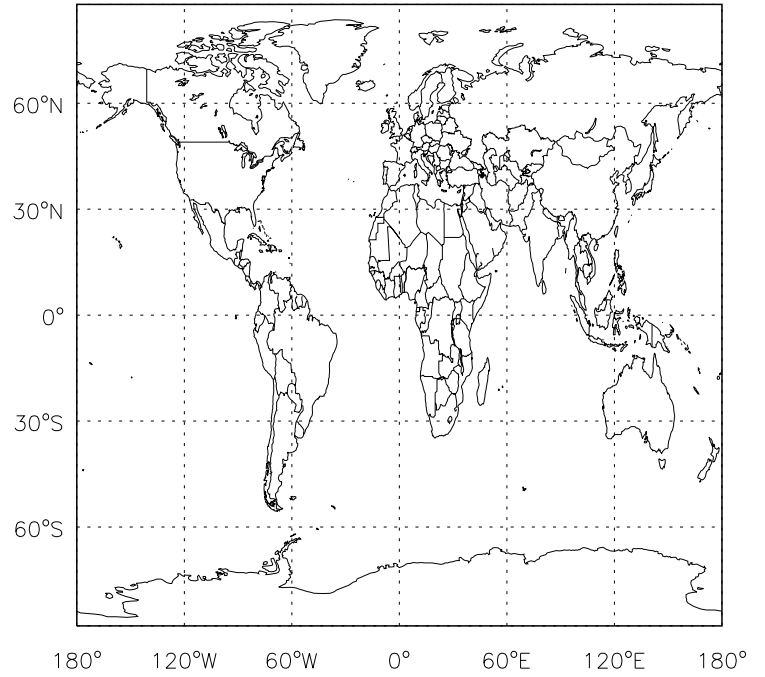
v11-01g-Run0 - v11-01f-geosfp-Run0

NO - Diff @ Surface for Apr



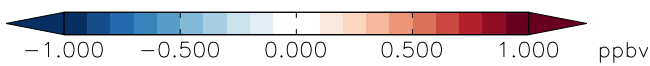
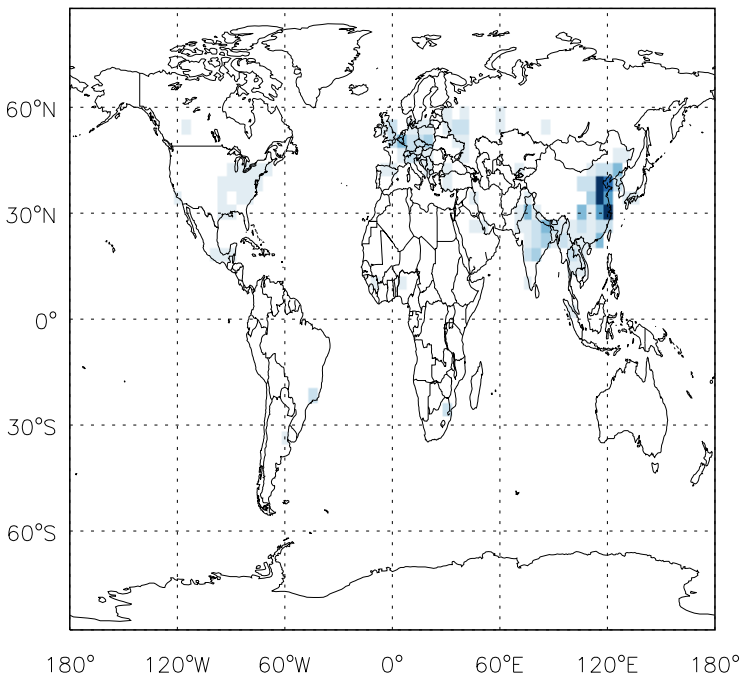
v11-01g-Run0 - v11-01f-geosfp-Run0

NO- Diff @ 500 hPa for Apr



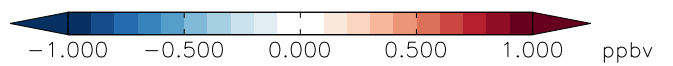
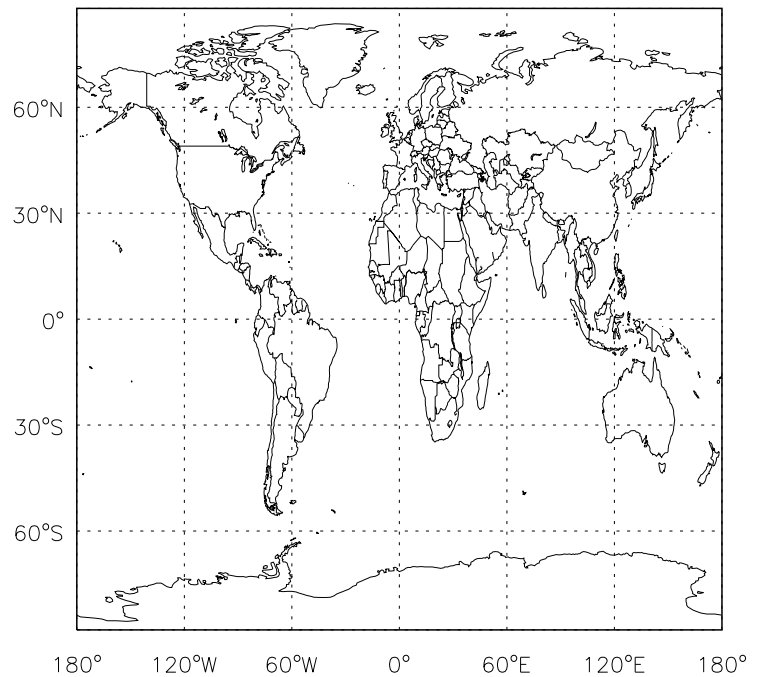
v11-01g-Run0 - v11-01d-Run1

NO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

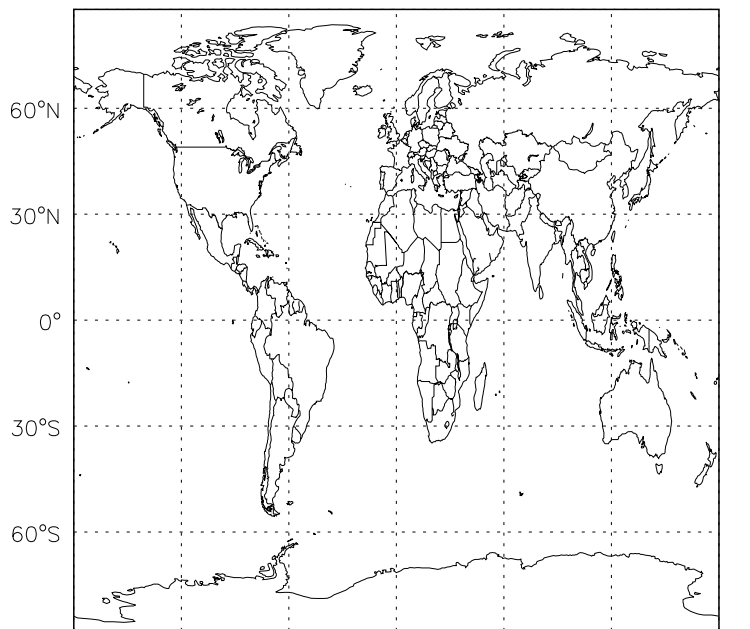
NO- Diff @ 500 hPa for Apr



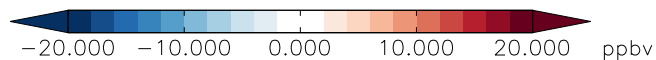
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

O<sub>3</sub> - Diff @ Surface for Apr

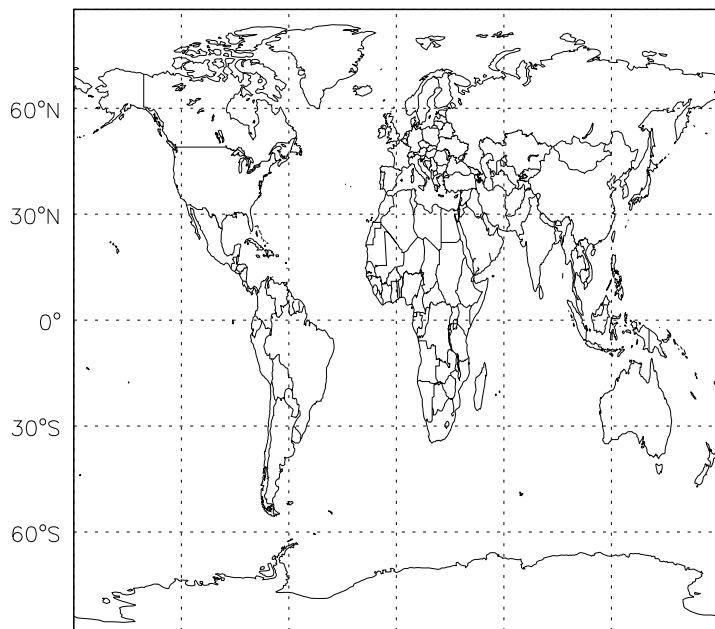


180° 120°W 60°W 0° 60°E 120°E 180°

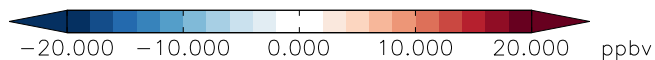


v11-01g-Run0 - v11-01f-geosfp-Run0

O<sub>3</sub> - Diff @ 500 hPa for Apr

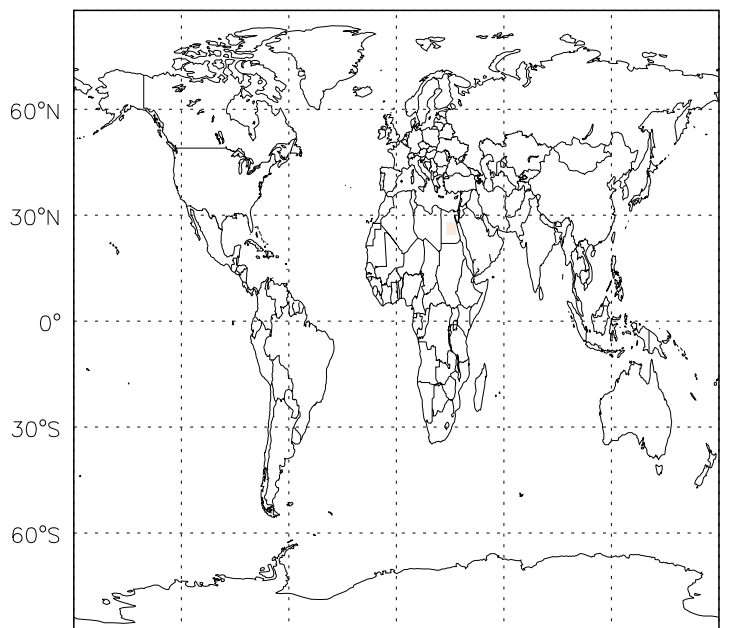


180° 120°W 60°W 0° 60°E 120°E 180°

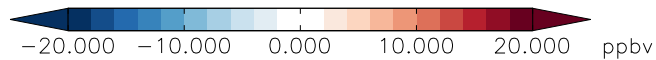


v11-01g-Run0 - v11-01d-Run1

O<sub>3</sub> - Diff @ Surface for Apr

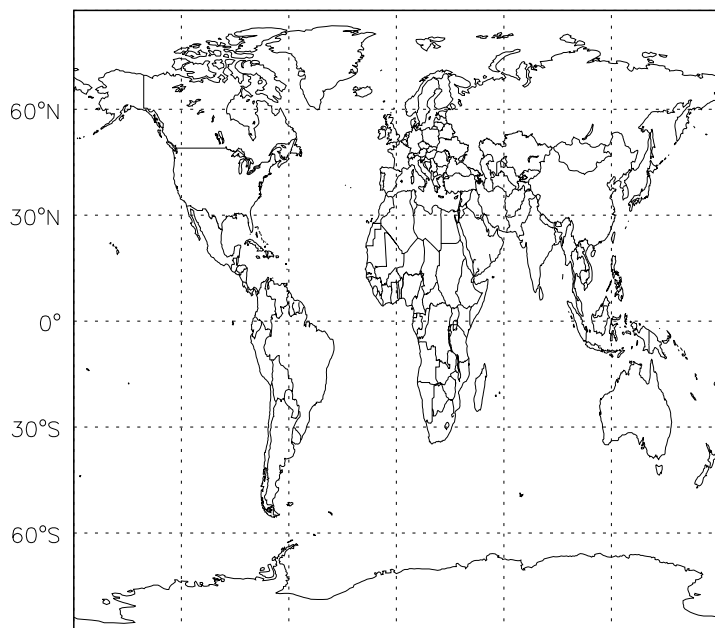


180° 120°W 60°W 0° 60°E 120°E 180°

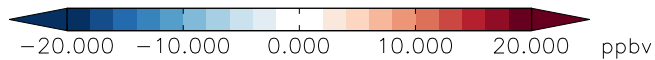


v11-01g-Run0 - v11-01d-Run1

O<sub>3</sub> - Diff @ 500 hPa for Apr



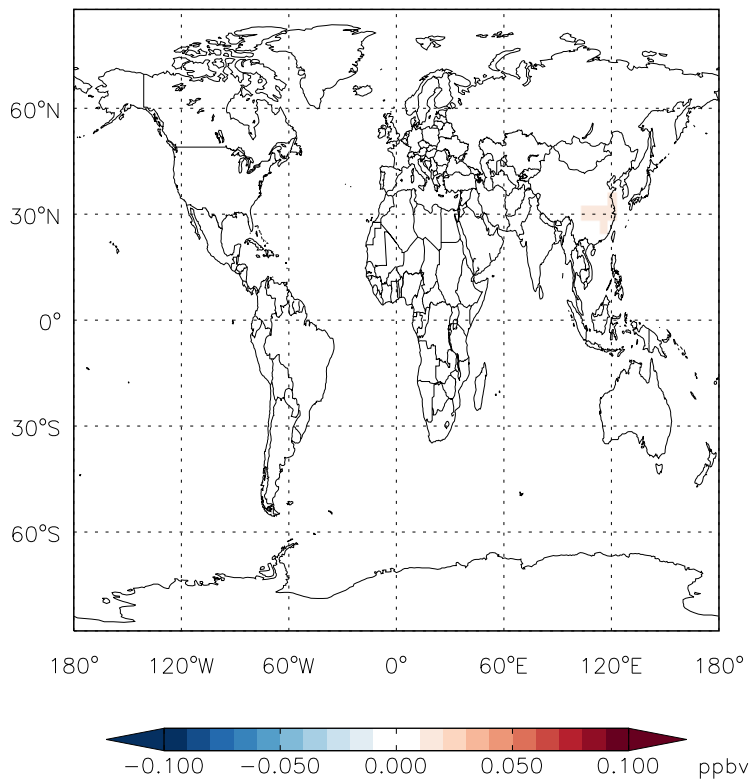
180° 120°W 60°W 0° 60°E 120°E 180°



# GEOS-Chem Difference Maps at surface and 500 hPa

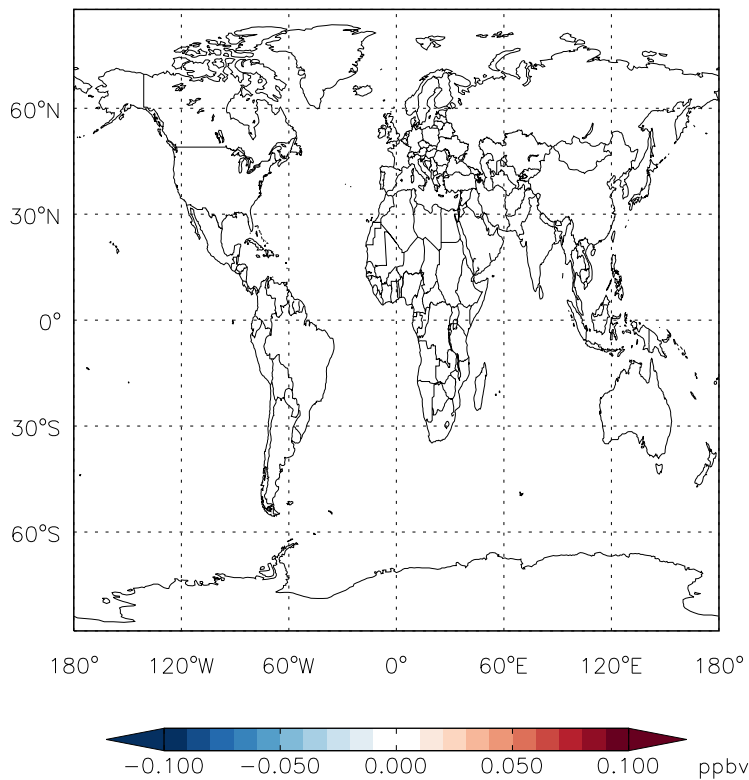
v11-01g-Run0 - v11-01f-geosfp-Run0

PAN - Diff @ Surface for Apr



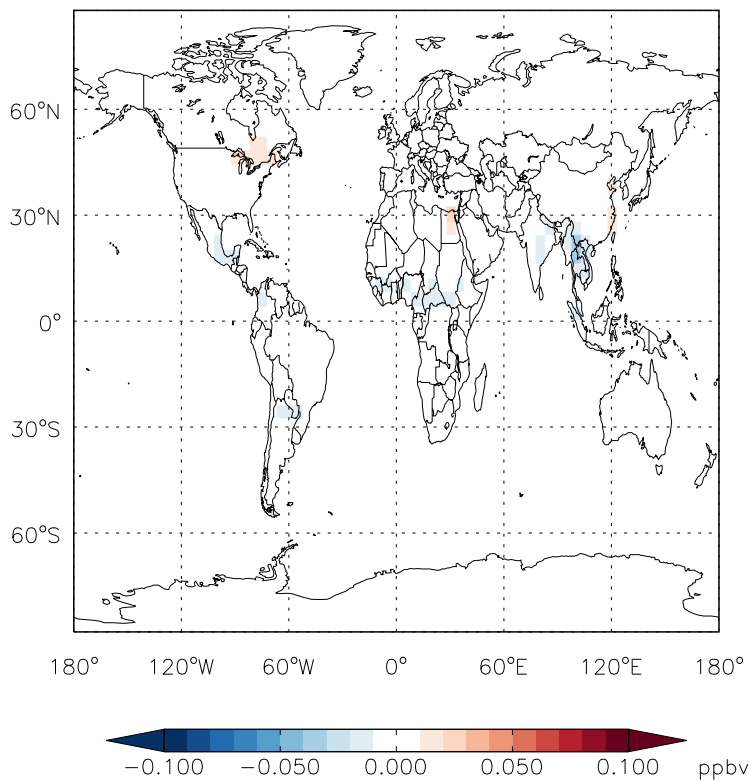
v11-01g-Run0 - v11-01f-geosfp-Run0

PAN- Diff @ 500 hPa for Apr



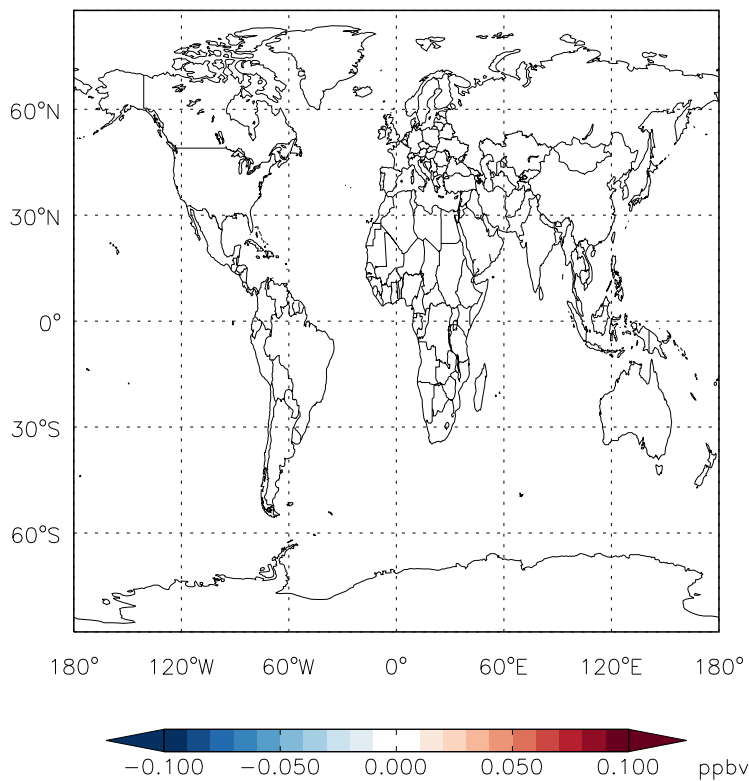
v11-01g-Run0 - v11-01d-Run1

PAN - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

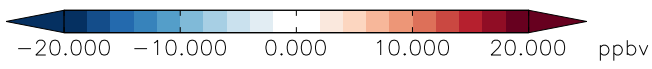
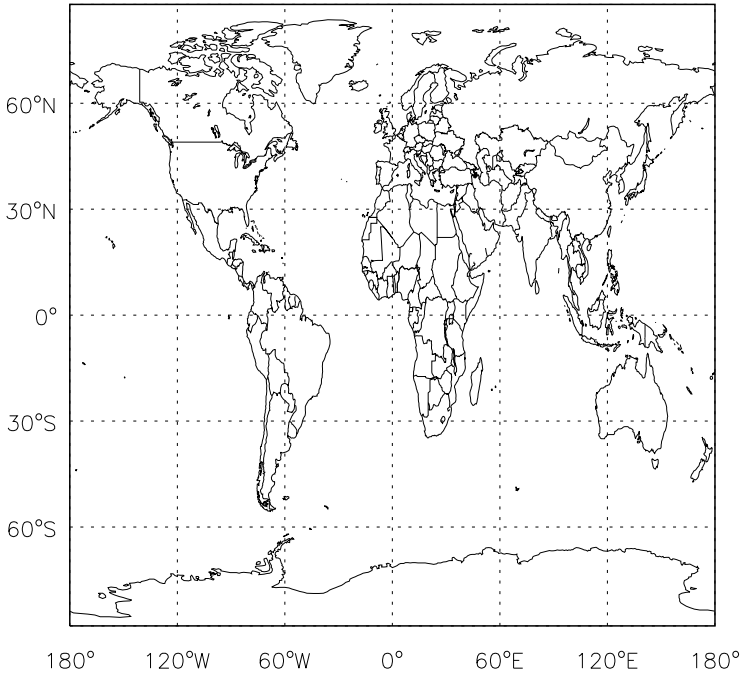
PAN- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

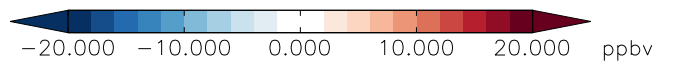
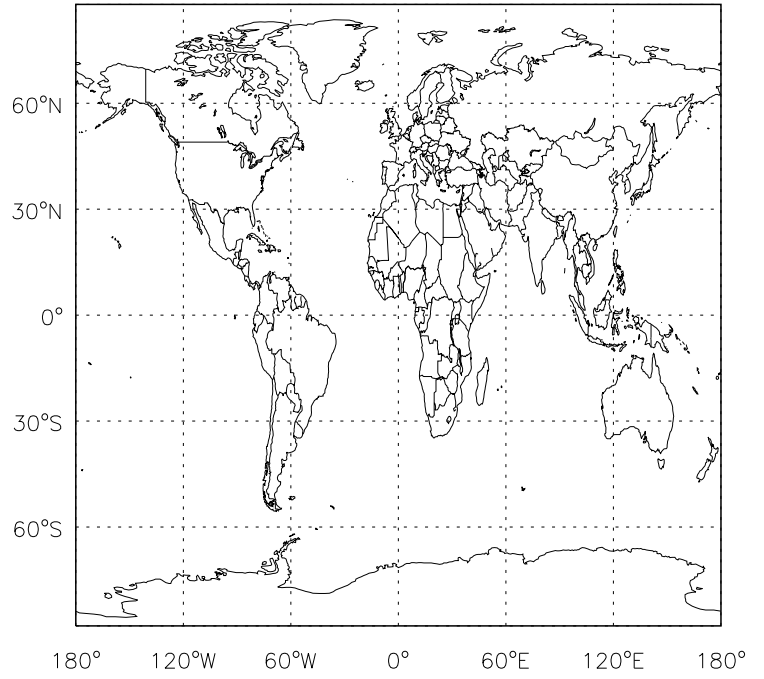
v11-01g-Run0 - v11-01f-geosfp-Run0

CO - Diff @ Surface for Apr



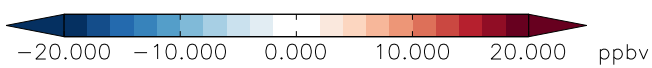
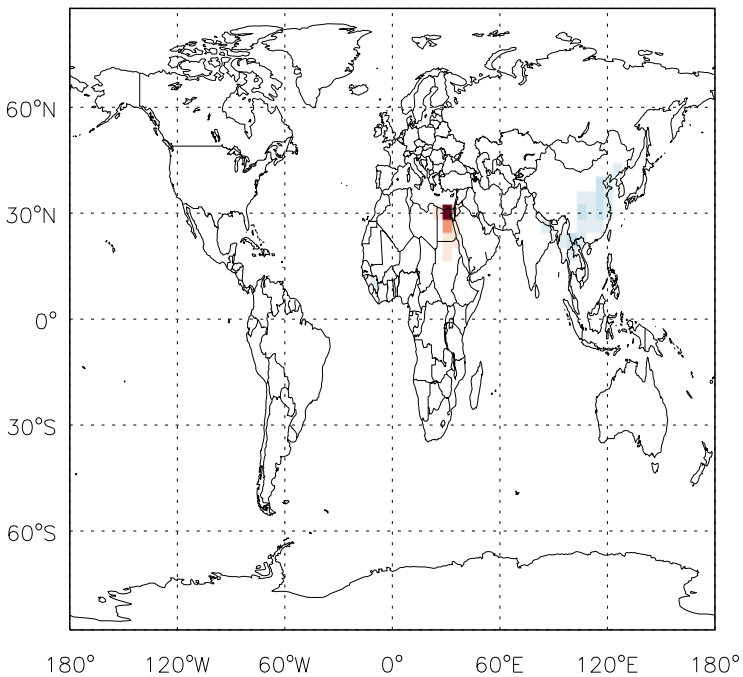
v11-01g-Run0 - v11-01f-geosfp-Run0

CO- Diff @ 500 hPa for Apr



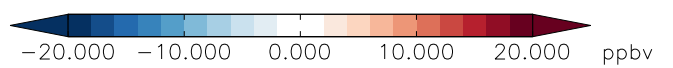
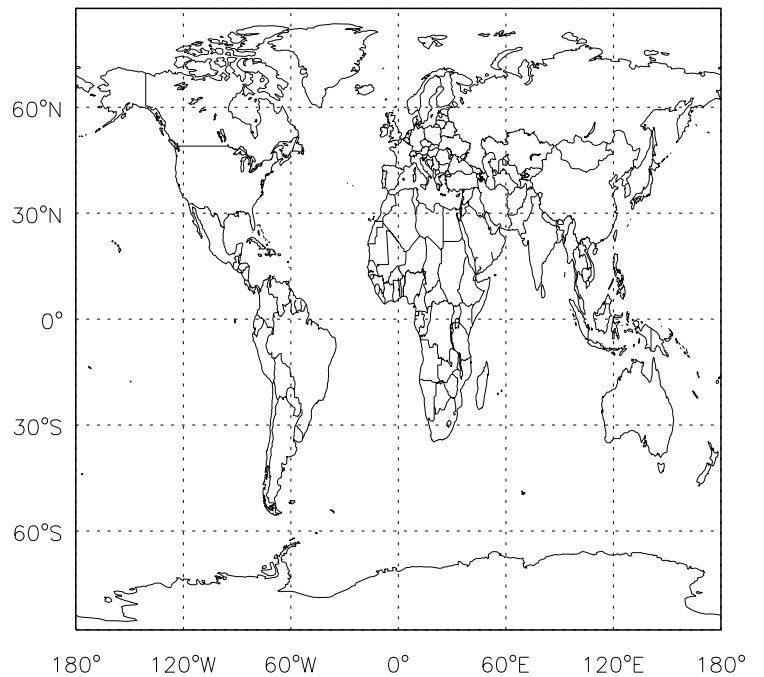
v11-01g-Run0 - v11-01d-Run1

CO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

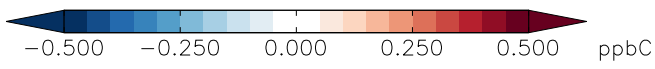
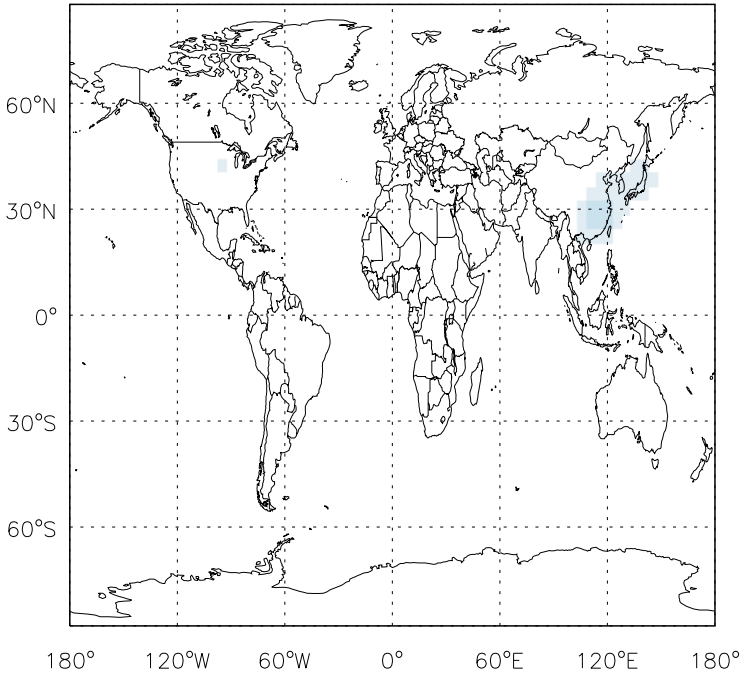
CO- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

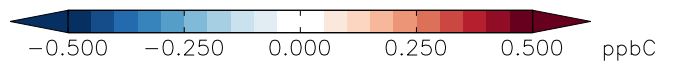
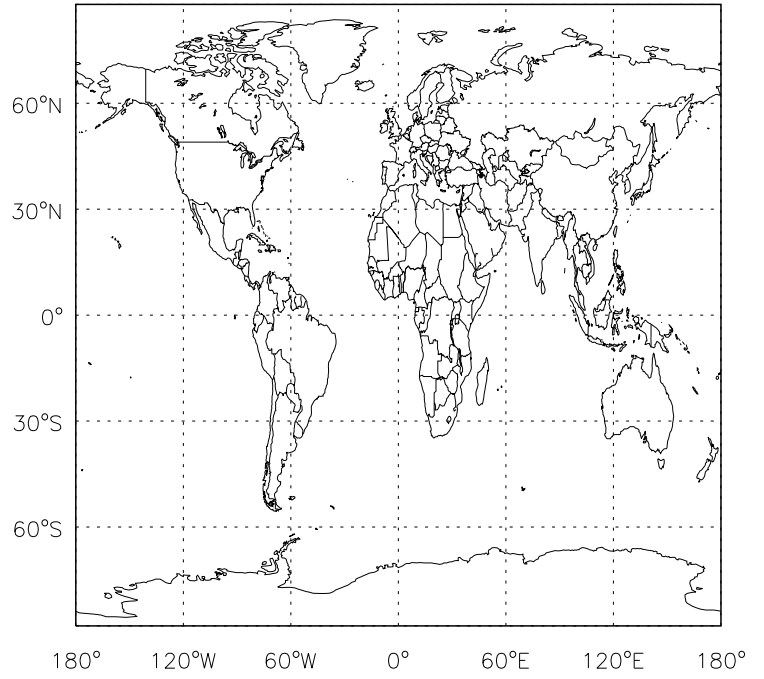
v11-01g-Run0 - v11-01f-geosfp-Run0

ALK4 - Diff @ Surface for Apr



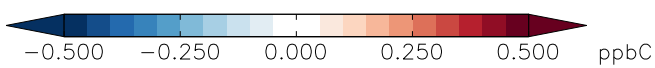
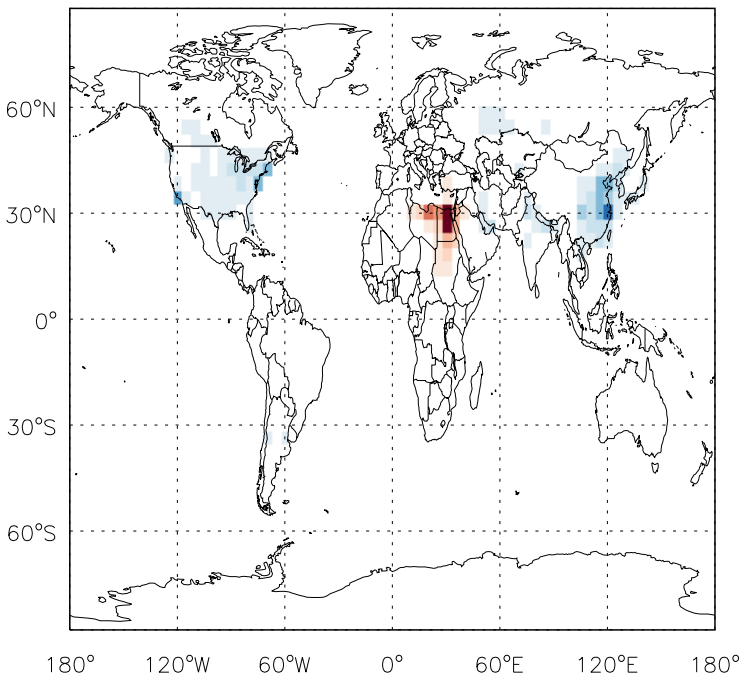
v11-01g-Run0 - v11-01f-geosfp-Run0

ALK4 - Diff @ 500 hPa for Apr



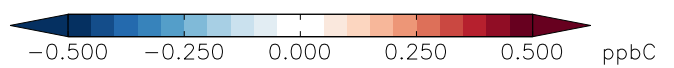
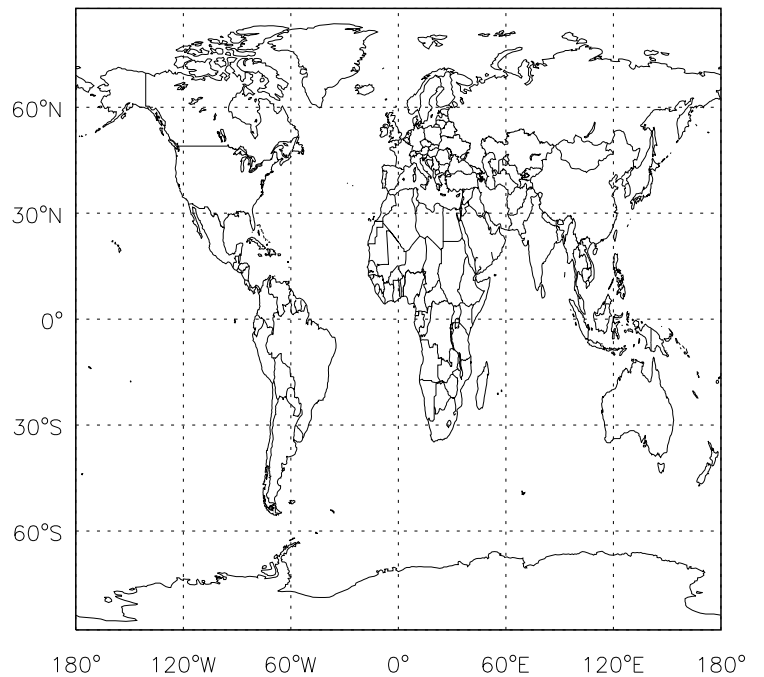
v11-01g-Run0 - v11-01d-Run1

ALK4 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

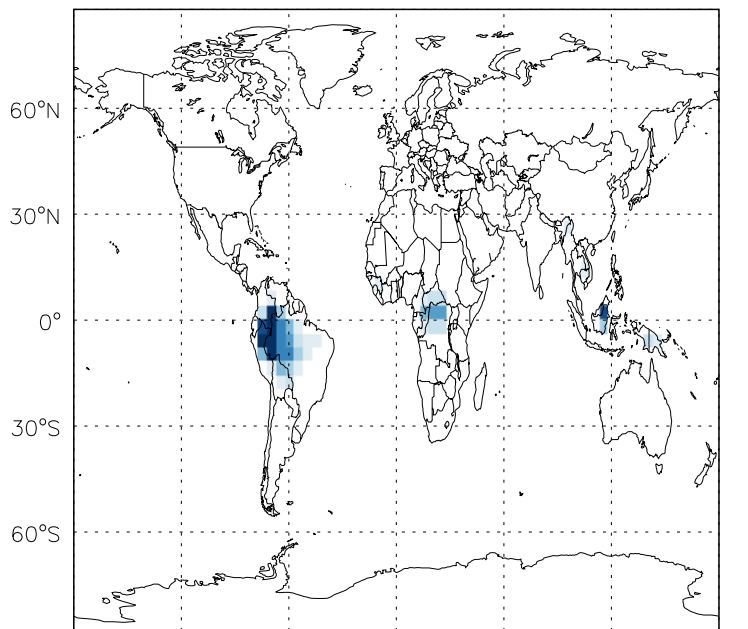
ALK4 - Diff @ 500 hPa for Apr



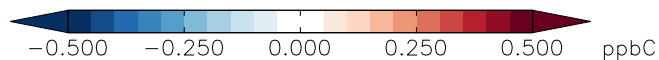
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

ISOP - Diff @ Surface for Apr

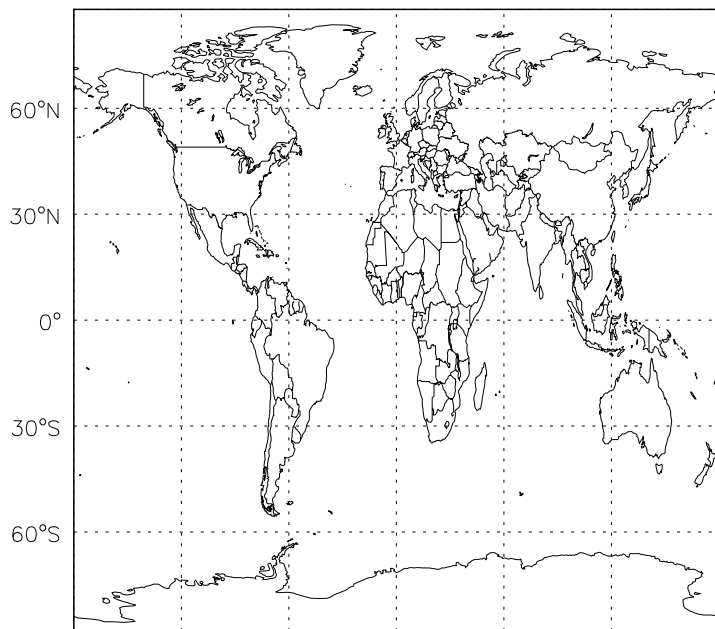


180° 120°W 60°W 0° 60°E 120°E 180°

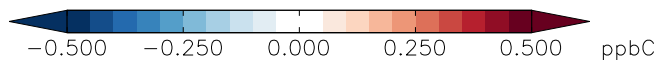


v11-01g-Run0 - v11-01f-geosfp-Run0

ISOP - Diff @ 500 hPa for Apr

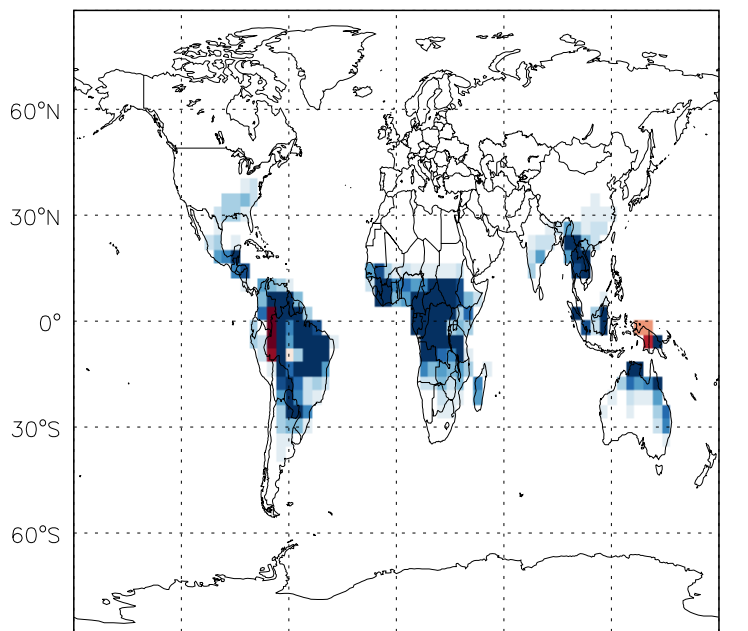


180° 120°W 60°W 0° 60°E 120°E 180°

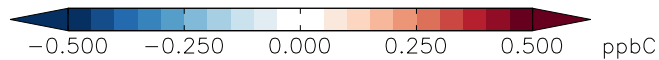


v11-01g-Run0 - v11-01d-Run1

ISOP - Diff @ Surface for Apr

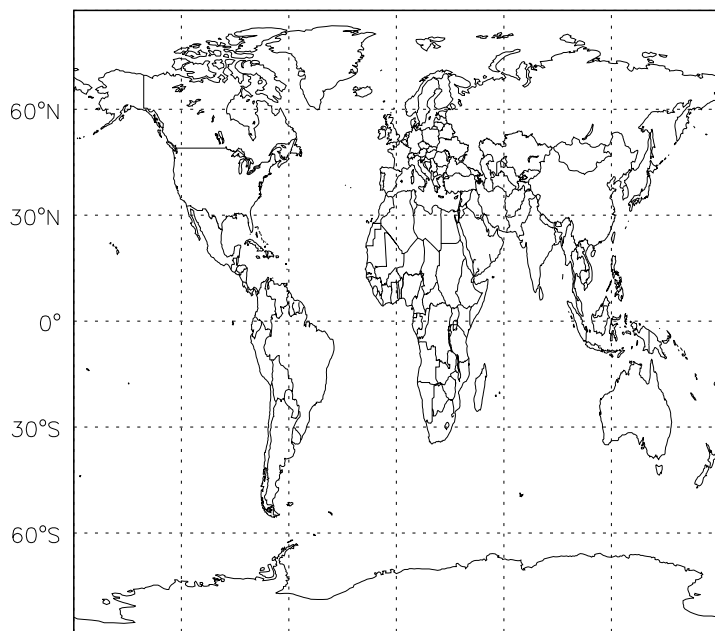


180° 120°W 60°W 0° 60°E 120°E 180°

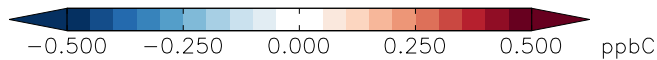


v11-01g-Run0 - v11-01d-Run1

ISOP - Diff @ 500 hPa for Apr

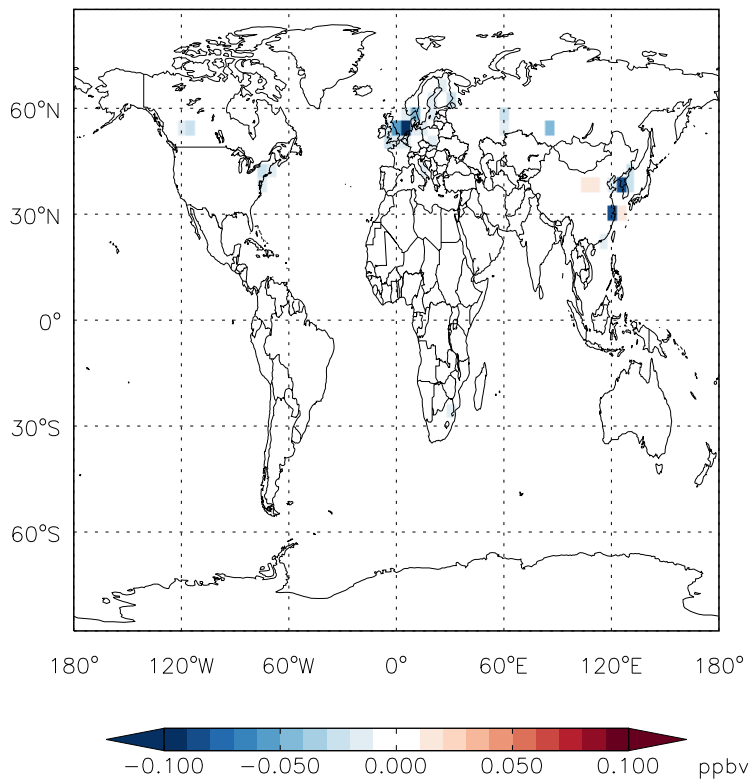


180° 120°W 60°W 0° 60°E 120°E 180°

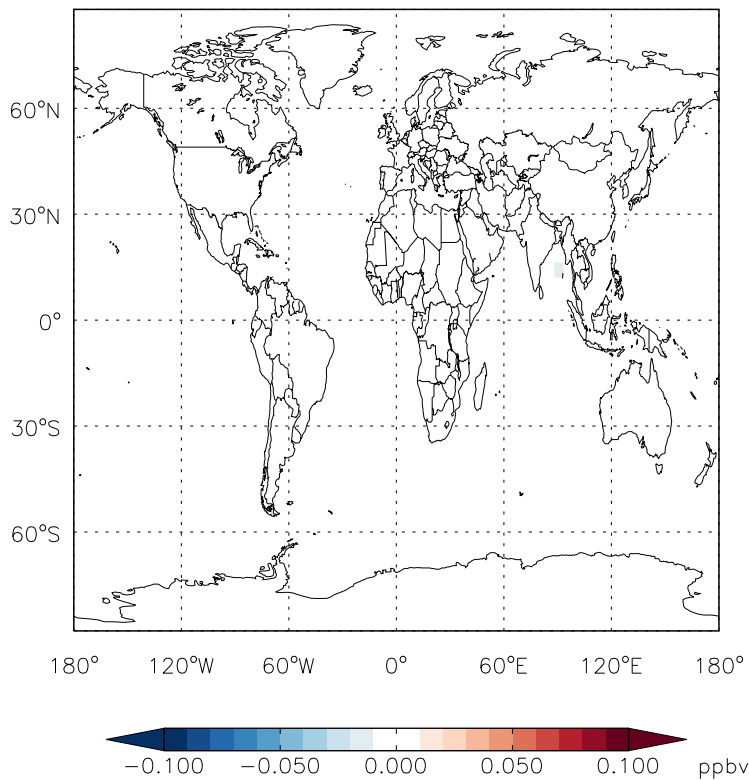


# GEOS-Chem Difference Maps at surface and 500 hPa

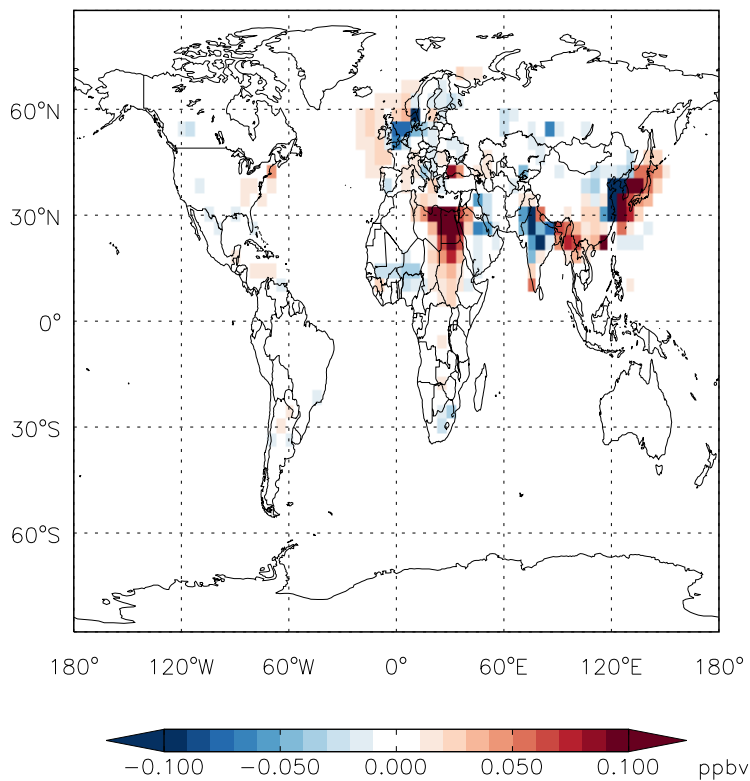
v11-01g-Run0 - v11-01f-geosfp-Run0  
HNO<sub>3</sub> - Diff @ Surface for Apr



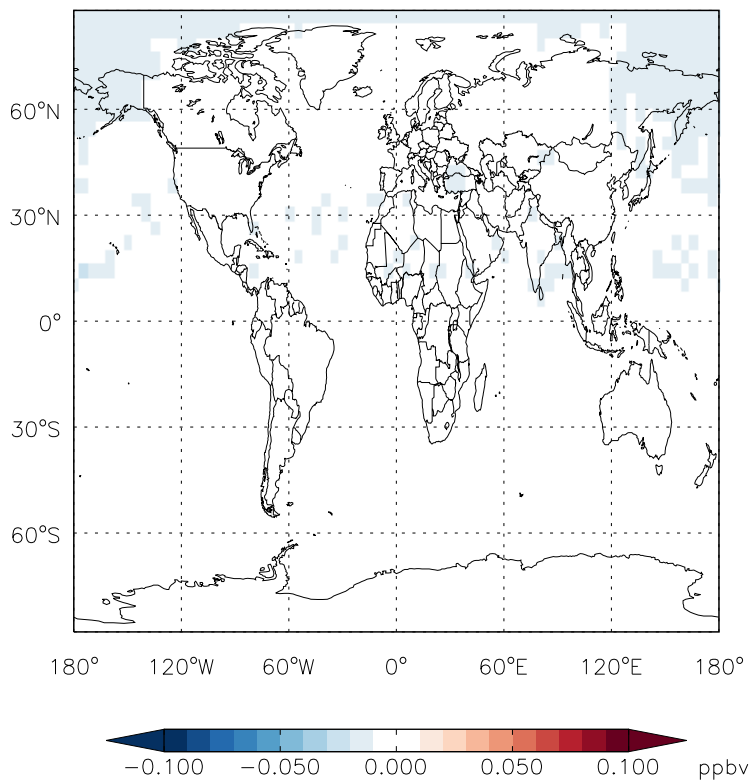
v11-01g-Run0 - v11-01f-geosfp-Run0  
HNO<sub>3</sub>- Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
HNO<sub>3</sub> - Diff @ Surface for Apr



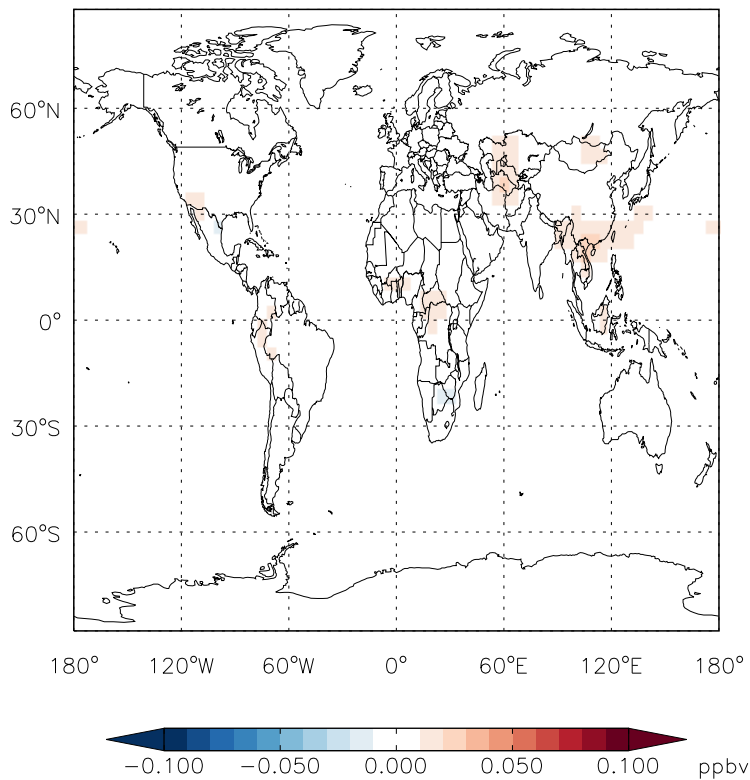
v11-01g-Run0 - v11-01d-Run1  
HNO<sub>3</sub>- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

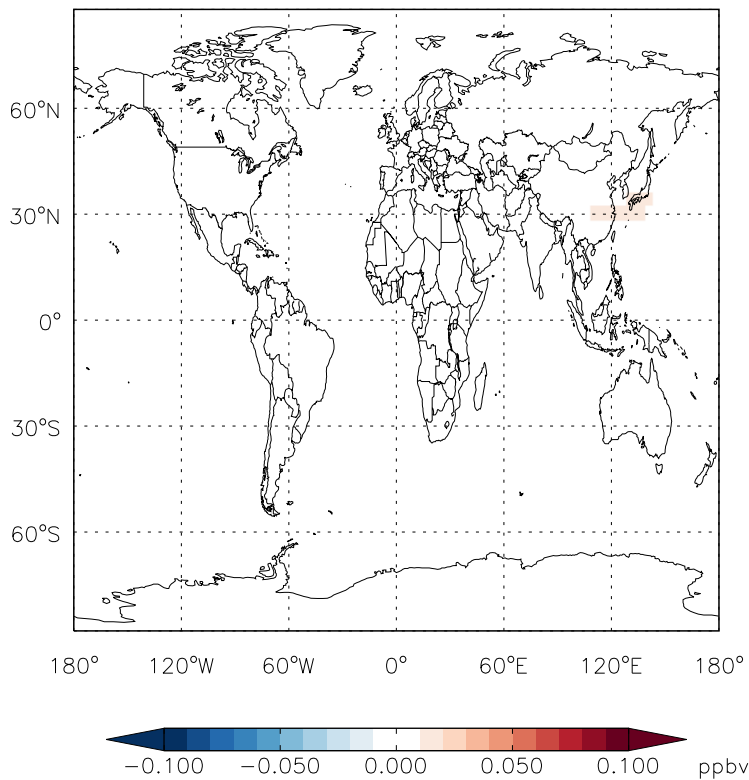
v11-01g-Run0 - v11-01f-geosfp-Run0

H2O2 - Diff @ Surface for Apr



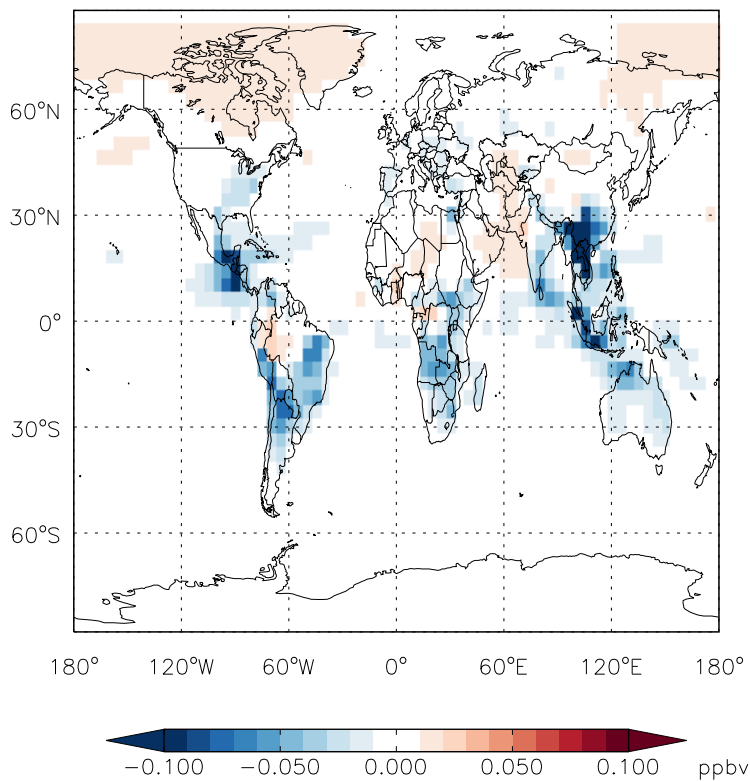
v11-01g-Run0 - v11-01f-geosfp-Run0

H2O2 - Diff @ 500 hPa for Apr



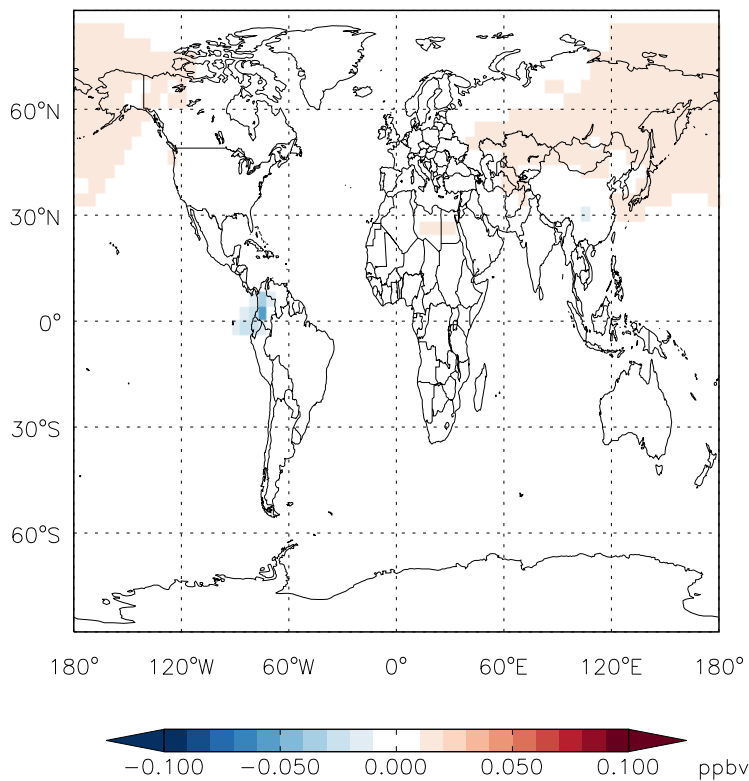
v11-01g-Run0 - v11-01d-Run1

H2O2 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

H2O2 - Diff @ 500 hPa for Apr

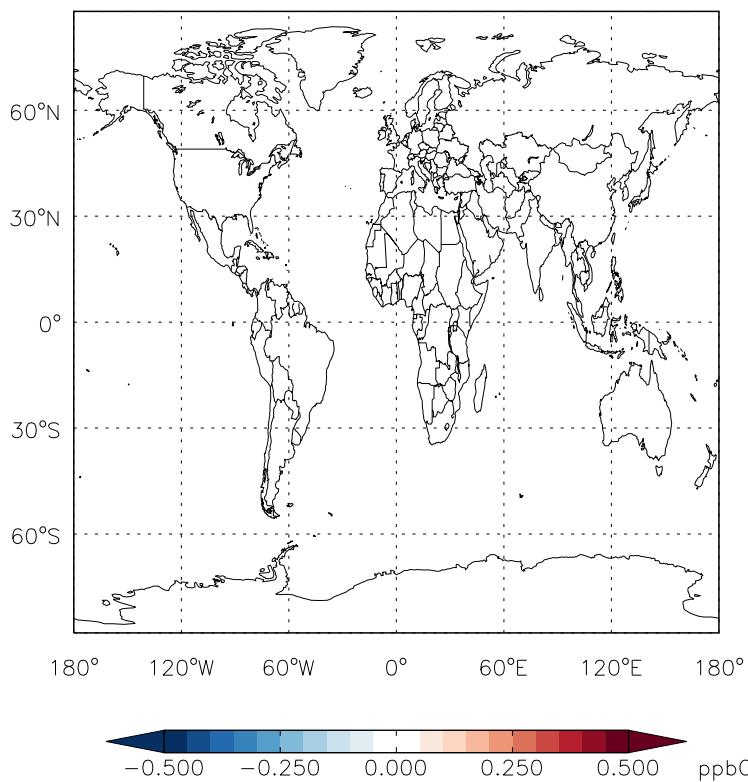




# GEOS-Chem Difference Maps at surface and 500 hPa

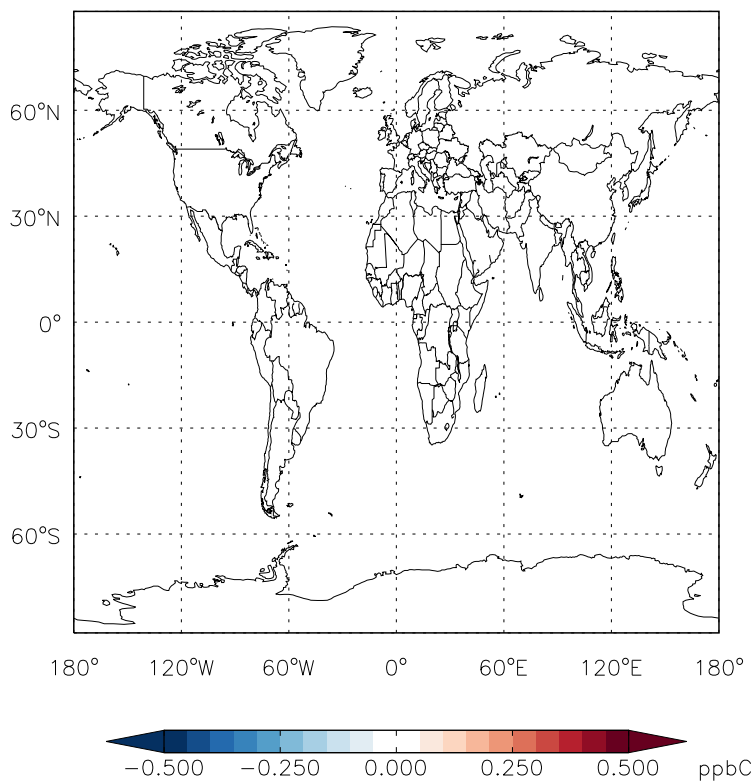
v11-01g-Run0 - v11-01f-geosfp-Run0

ACET - Diff @ Surface for Apr



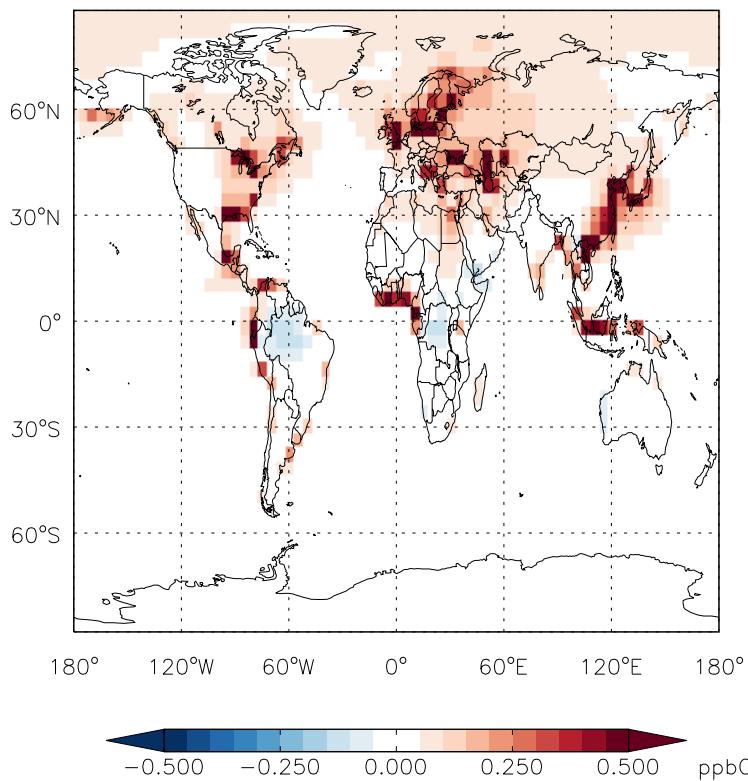
v11-01g-Run0 - v11-01f-geosfp-Run0

ACET- Diff @ 500 hPa for Apr



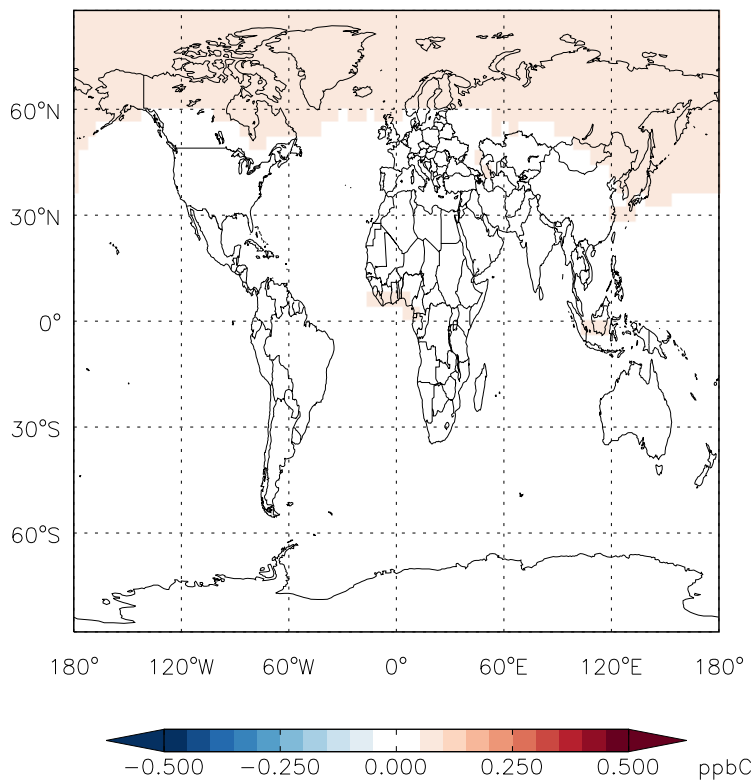
v11-01g-Run0 - v11-01d-Run1

ACET - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

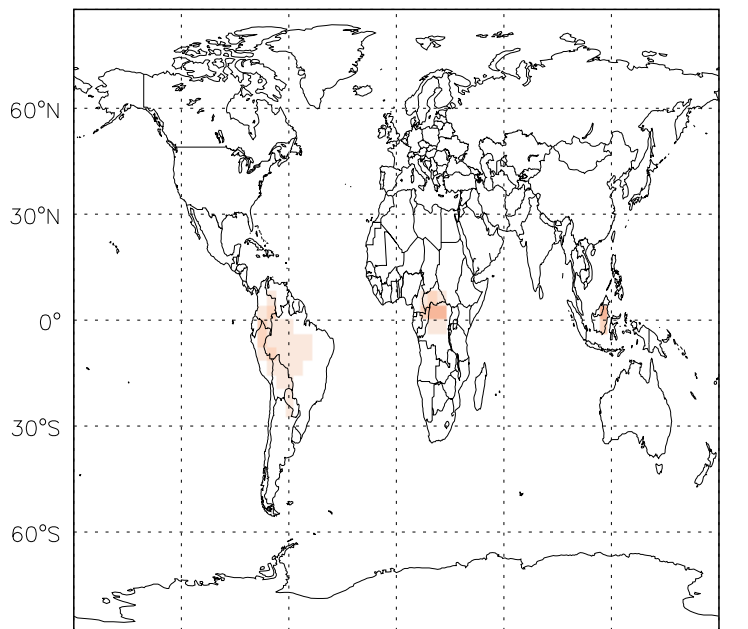
ACET- Diff @ 500 hPa for Apr



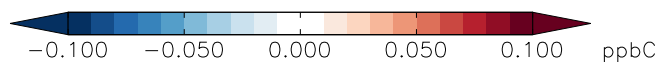
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

MEK - Diff @ Surface for Apr

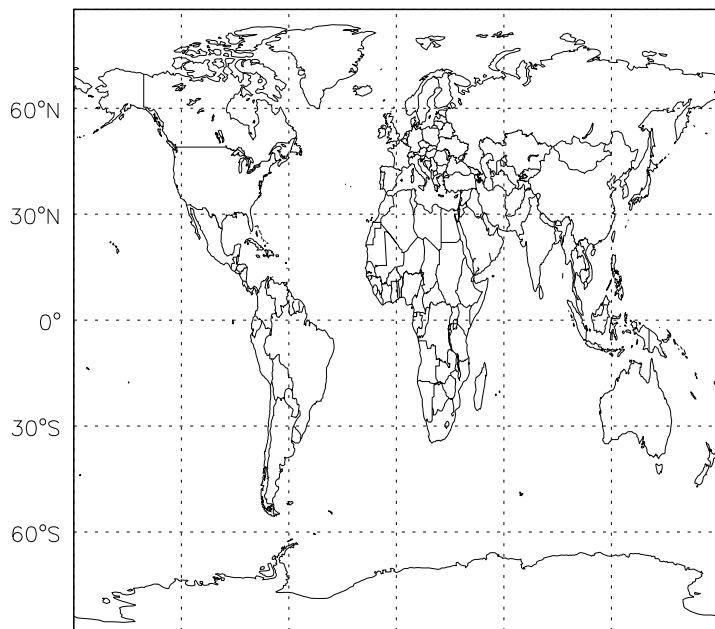


180° 120°W 60°W 0° 60°E 120°E 180°

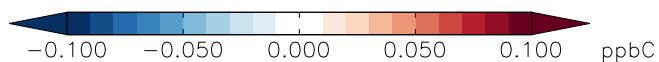


v11-01g-Run0 - v11-01f-geosfp-Run0

MEK - Diff @ 500 hPa for Apr

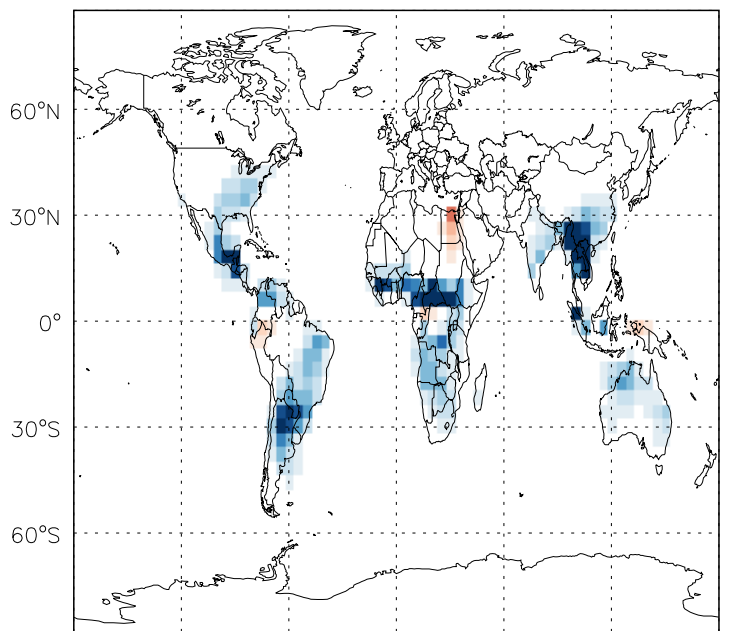


180° 120°W 60°W 0° 60°E 120°E 180°

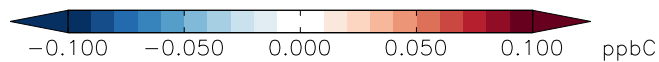


v11-01g-Run0 - v11-01d-Run1

MEK - Diff @ Surface for Apr

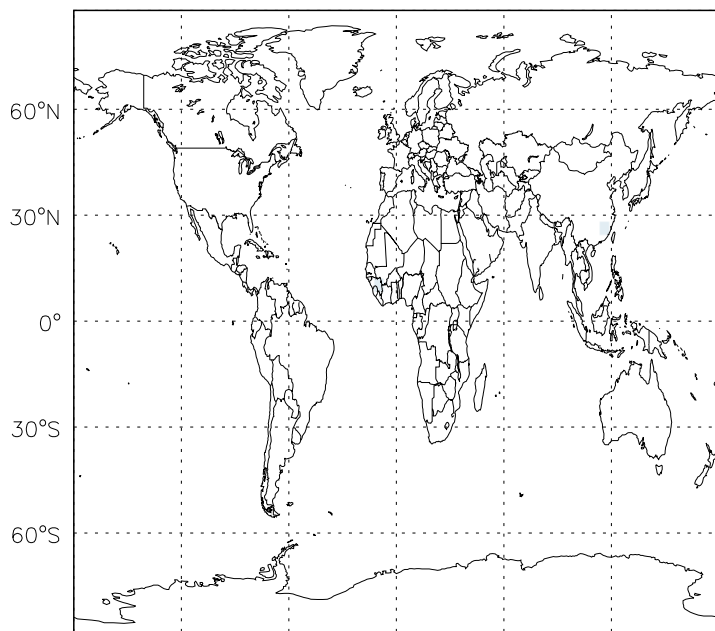


180° 120°W 60°W 0° 60°E 120°E 180°

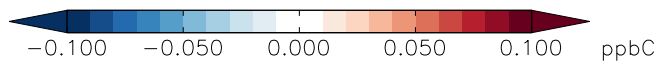


v11-01g-Run0 - v11-01d-Run1

MEK - Diff @ 500 hPa for Apr



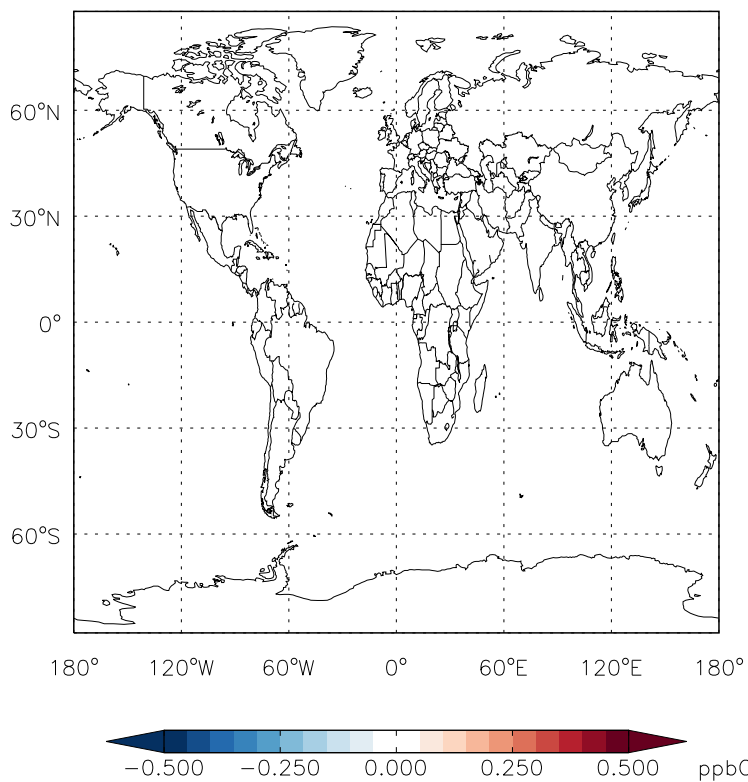
180° 120°W 60°W 0° 60°E 120°E 180°



# GEOS-Chem Difference Maps at surface and 500 hPa

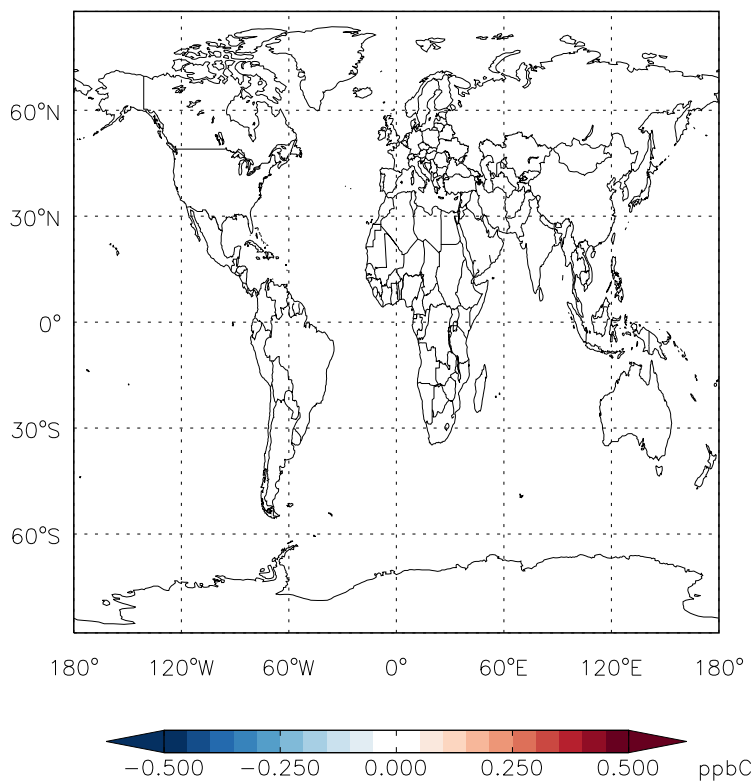
v11-01g-Run0 - v11-01f-geosfp-Run0

ALD2 - Diff @ Surface for Apr



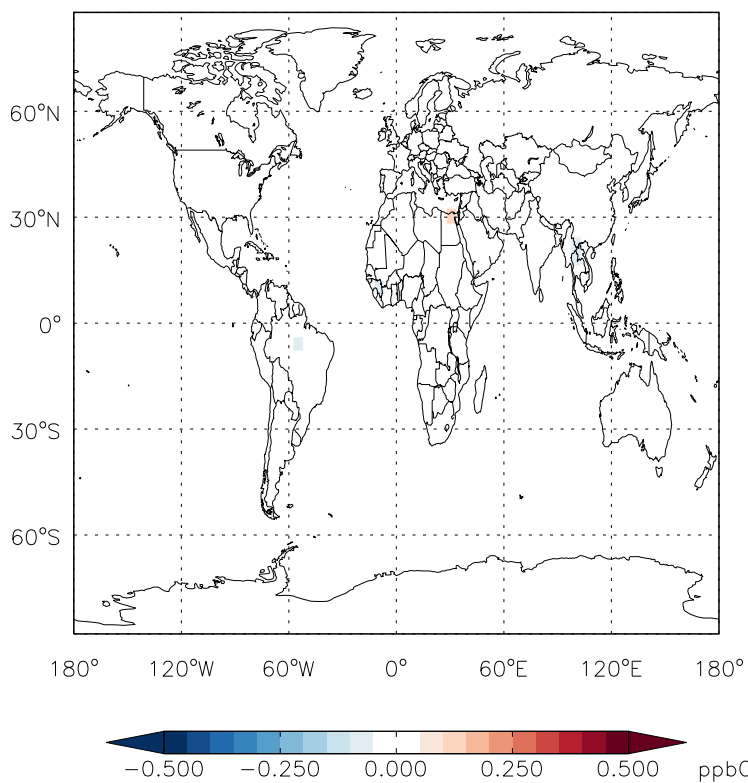
v11-01g-Run0 - v11-01f-geosfp-Run0

ALD2 - Diff @ 500 hPa for Apr



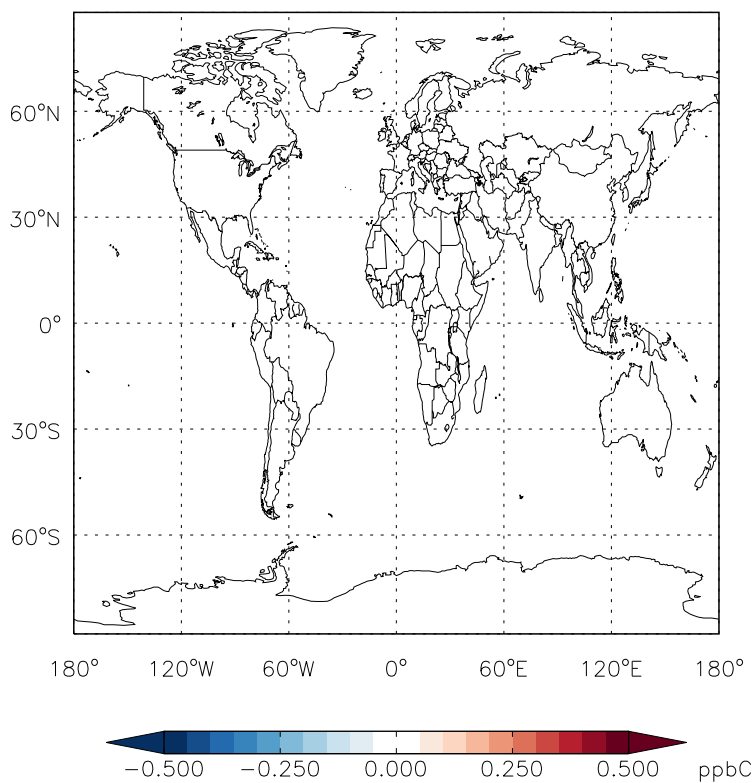
v11-01g-Run0 - v11-01d-Run1

ALD2 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

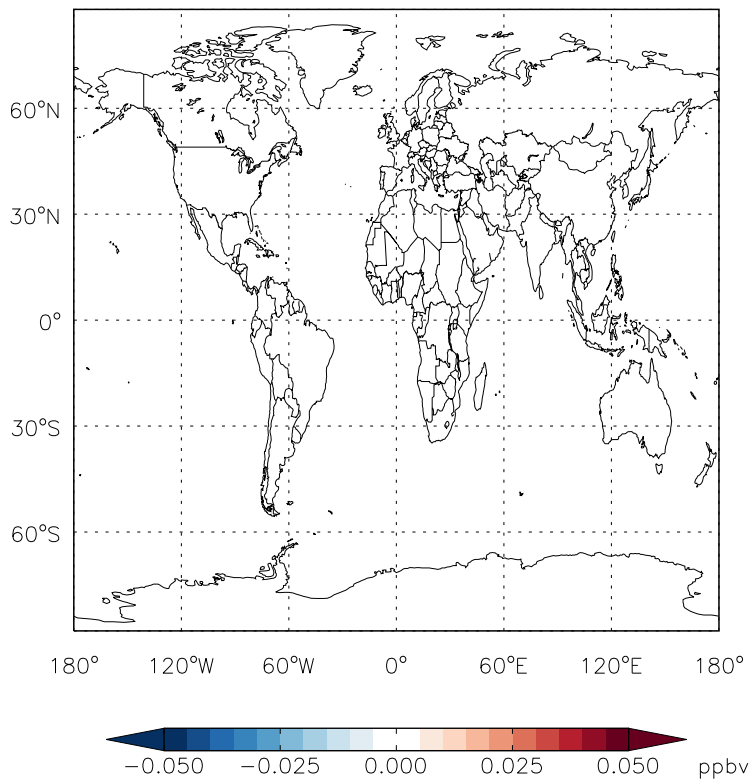
ALD2 - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

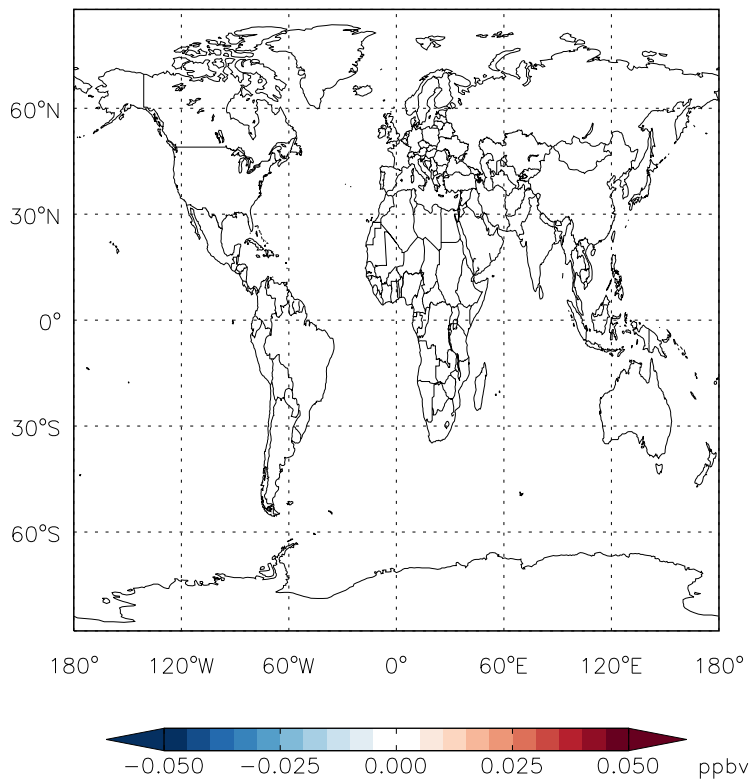
v11-01g-Run0 - v11-01f-geosfp-Run0

RCHO - Diff @ Surface for Apr



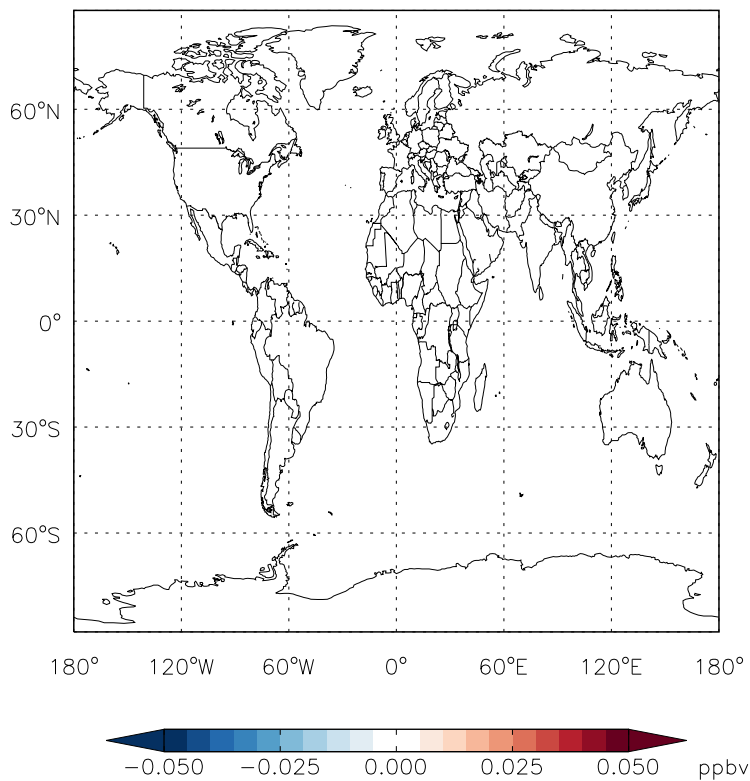
v11-01g-Run0 - v11-01f-geosfp-Run0

RCHO - Diff @ 500 hPa for Apr



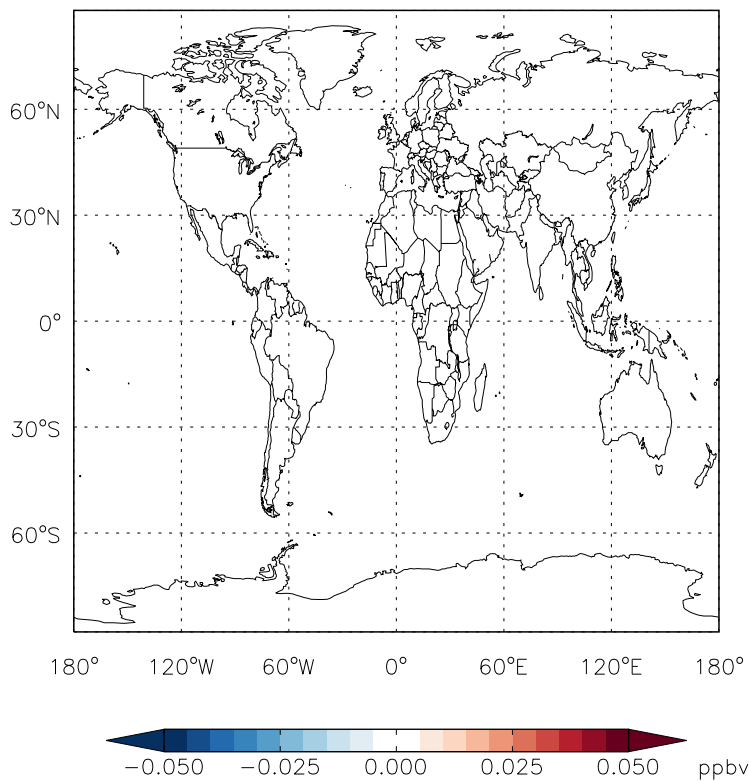
v11-01g-Run0 - v11-01d-Run1

RCHO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

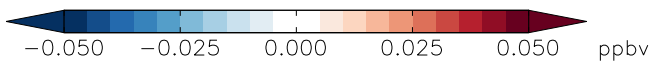
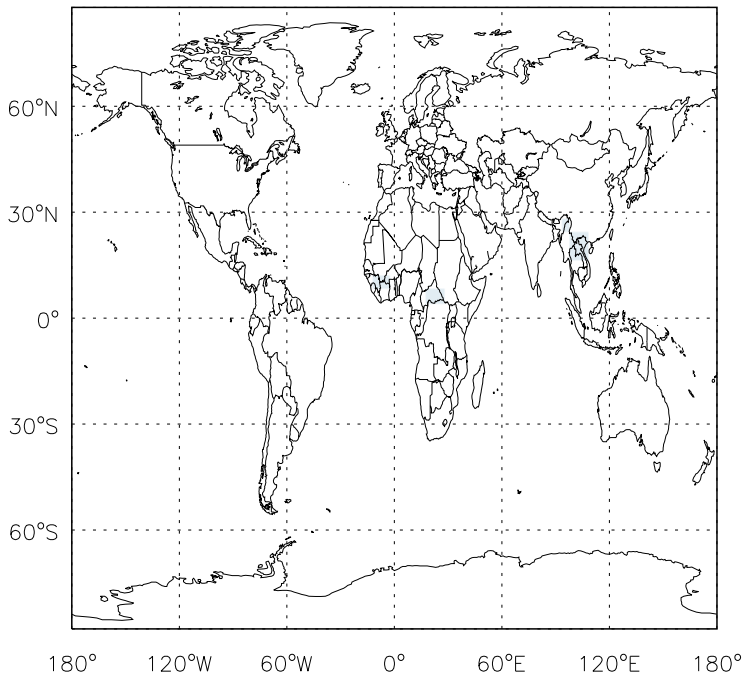
RCHO - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

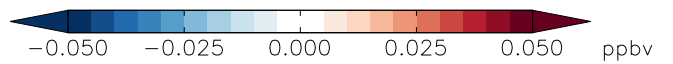
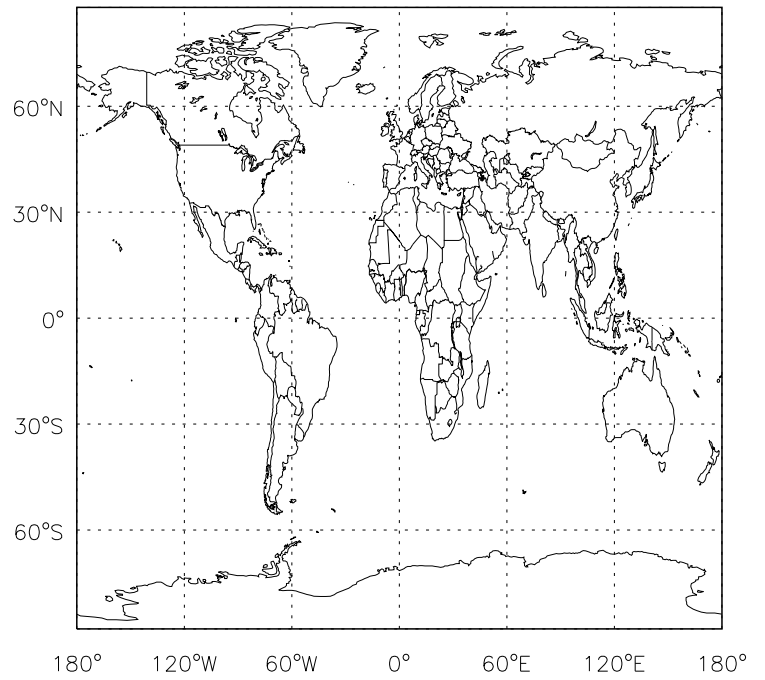
v11-01g-Run0 - v11-01f-geosfp-Run0

MVK - Diff @ Surface for Apr



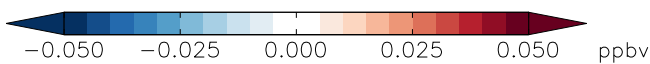
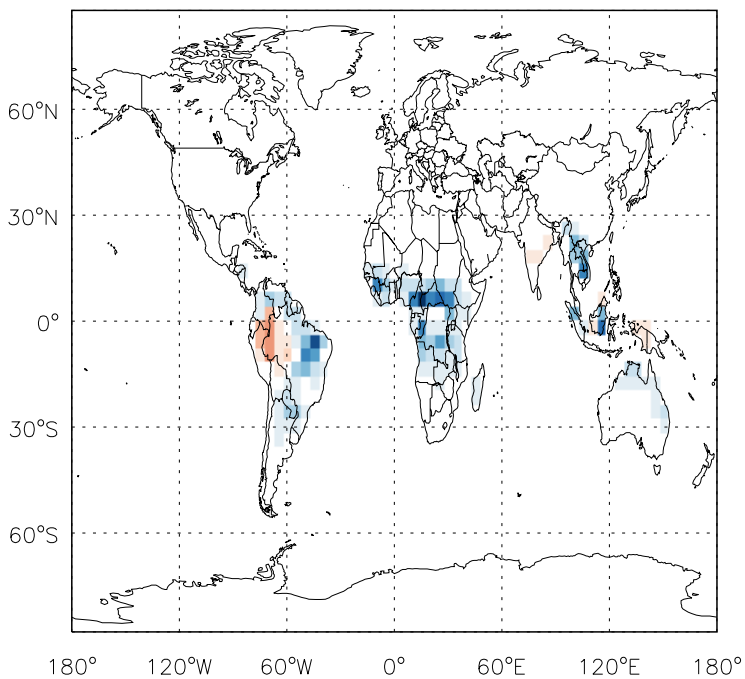
v11-01g-Run0 - v11-01f-geosfp-Run0

MVK - Diff @ 500 hPa for Apr



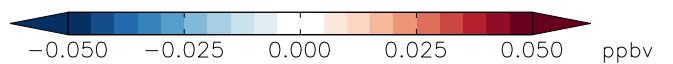
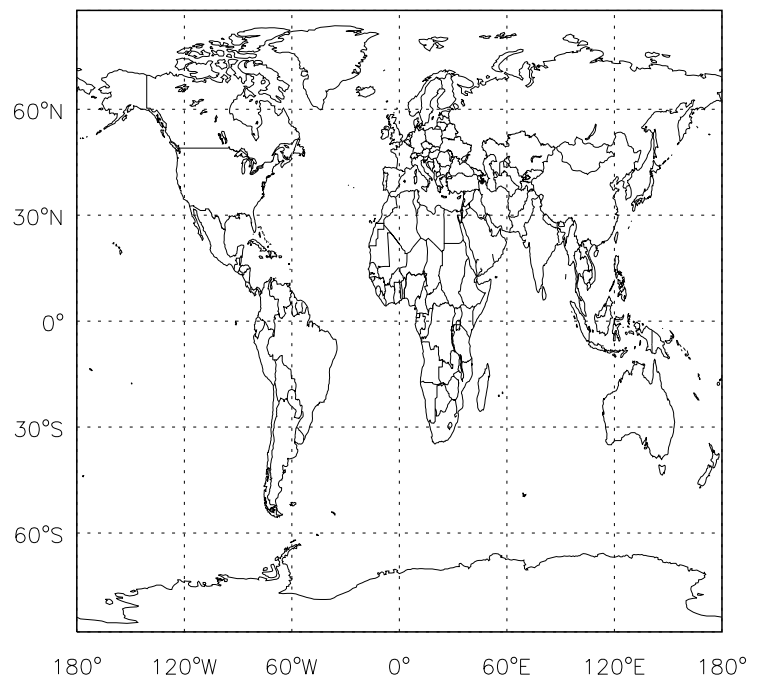
v11-01g-Run0 - v11-01d-Run1

MVK - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

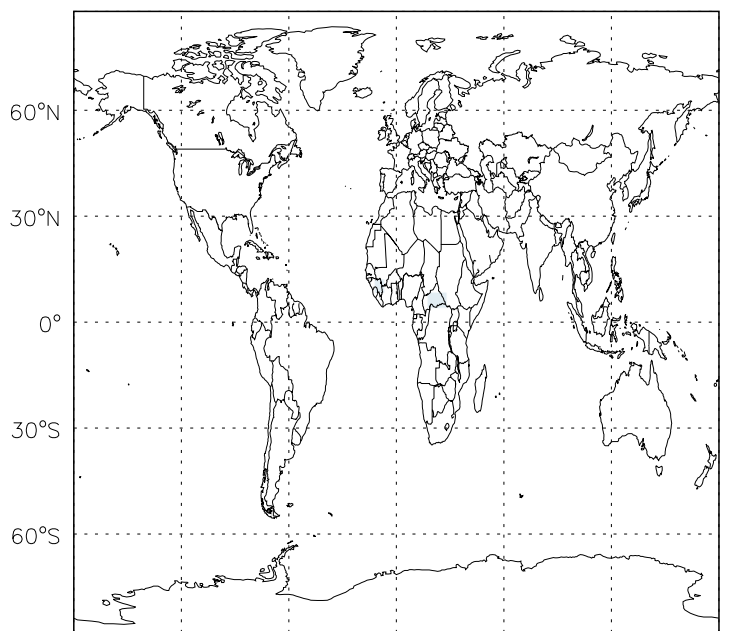
MVK - Diff @ 500 hPa for Apr



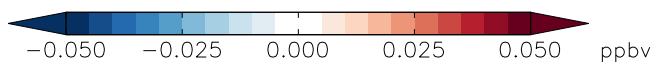
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

MACR - Diff @ Surface for Apr

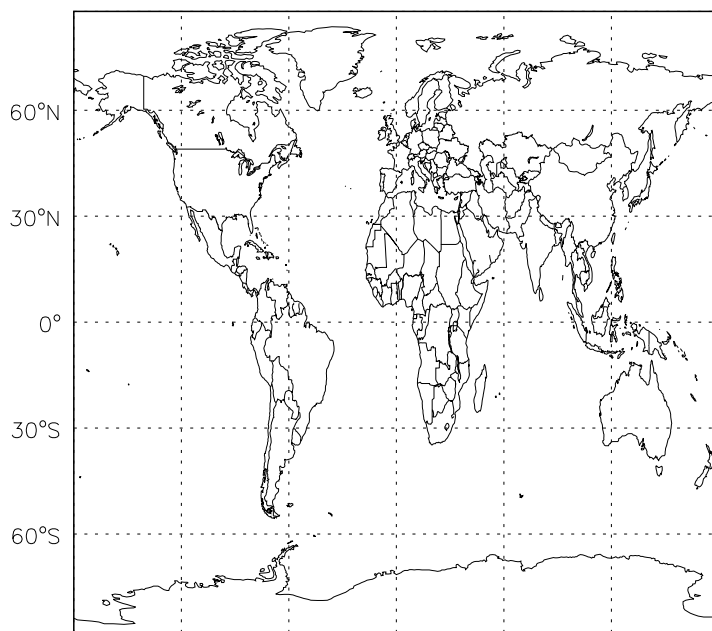


180° 120°W 60°W 0° 60°E 120°E 180°

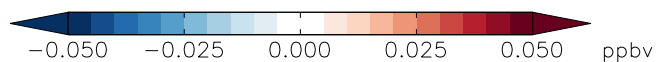


v11-01g-Run0 - v11-01f-geosfp-Run0

MACR - Diff @ 500 hPa for Apr

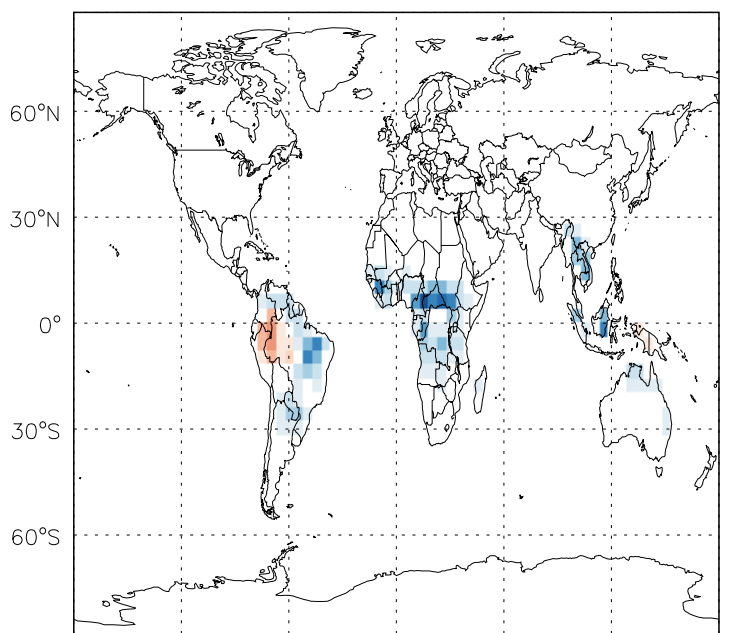


180° 120°W 60°W 0° 60°E 120°E 180°

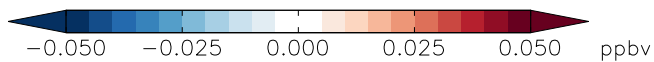


v11-01g-Run0 - v11-01d-Run1

MACR - Diff @ Surface for Apr

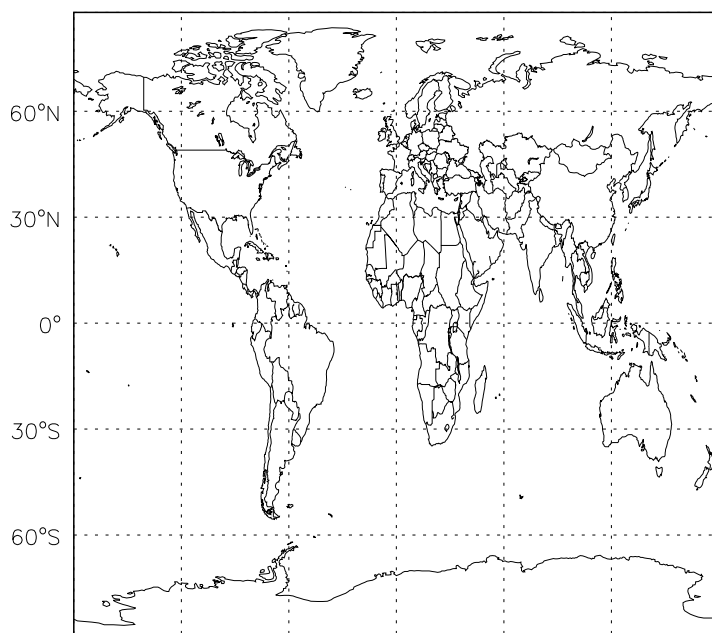


180° 120°W 60°W 0° 60°E 120°E 180°

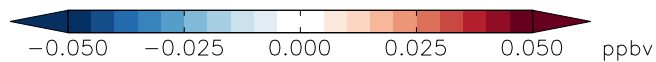


v11-01g-Run0 - v11-01d-Run1

MACR - Diff @ 500 hPa for Apr



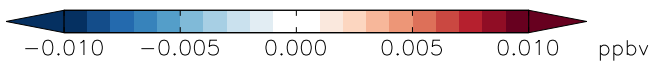
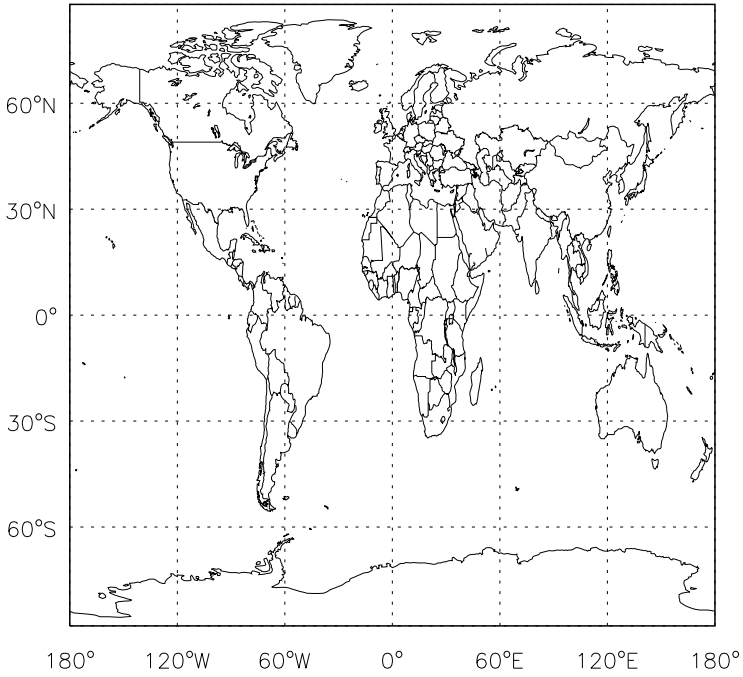
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

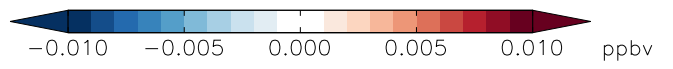
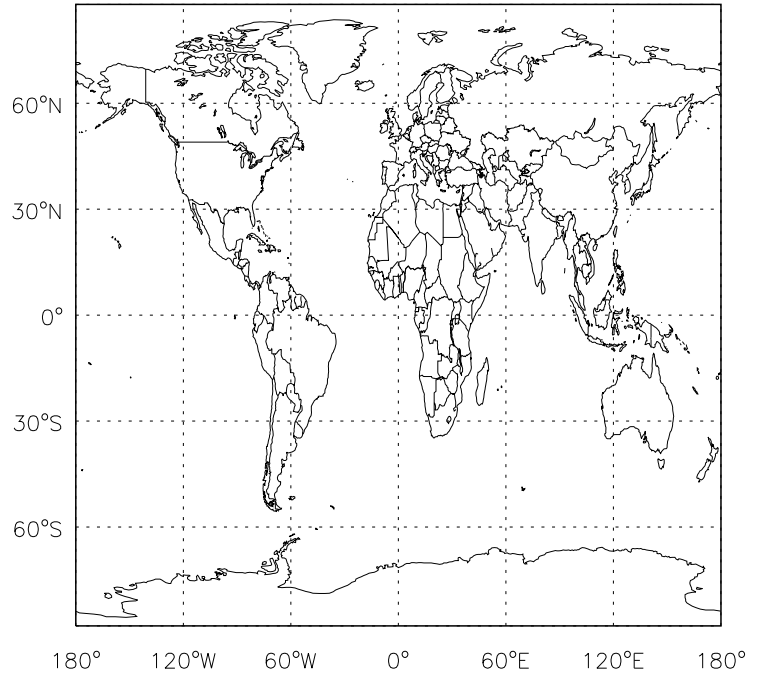
v11-01g-Run0 - v11-01f-geosfp-Run0

PMN - Diff @ Surface for Apr



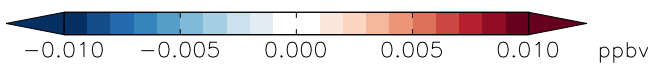
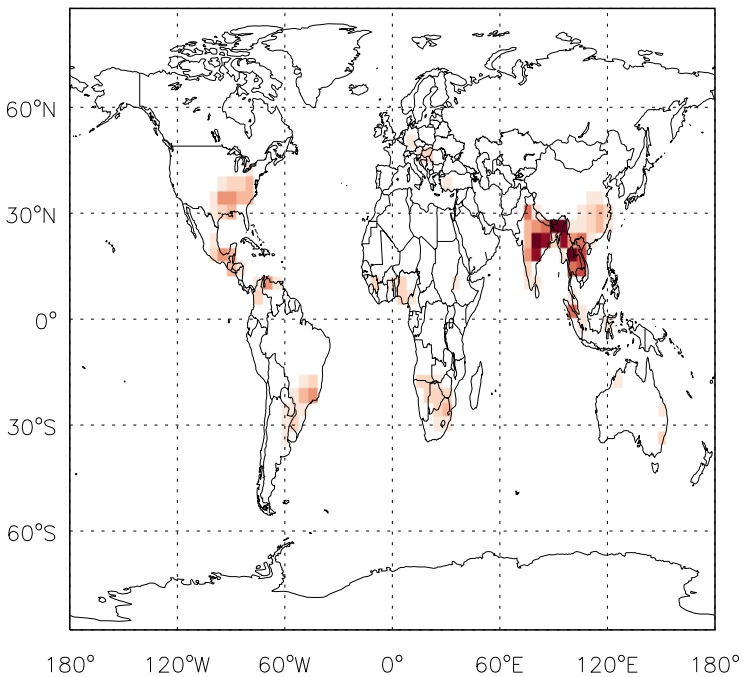
v11-01g-Run0 - v11-01f-geosfp-Run0

PMN- Diff @ 500 hPa for Apr



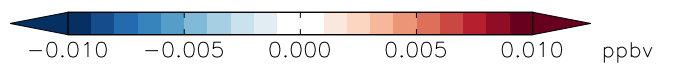
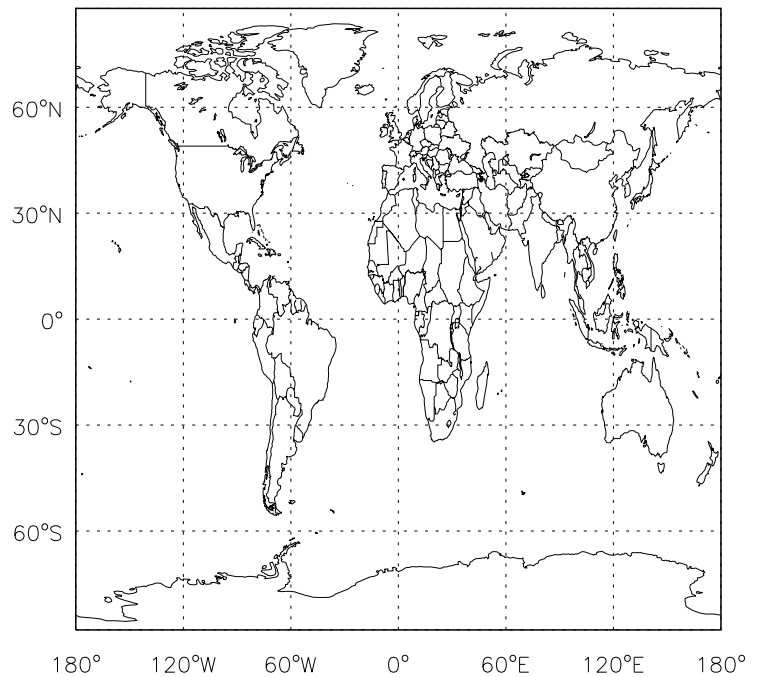
v11-01g-Run0 - v11-01d-Run1

PMN - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

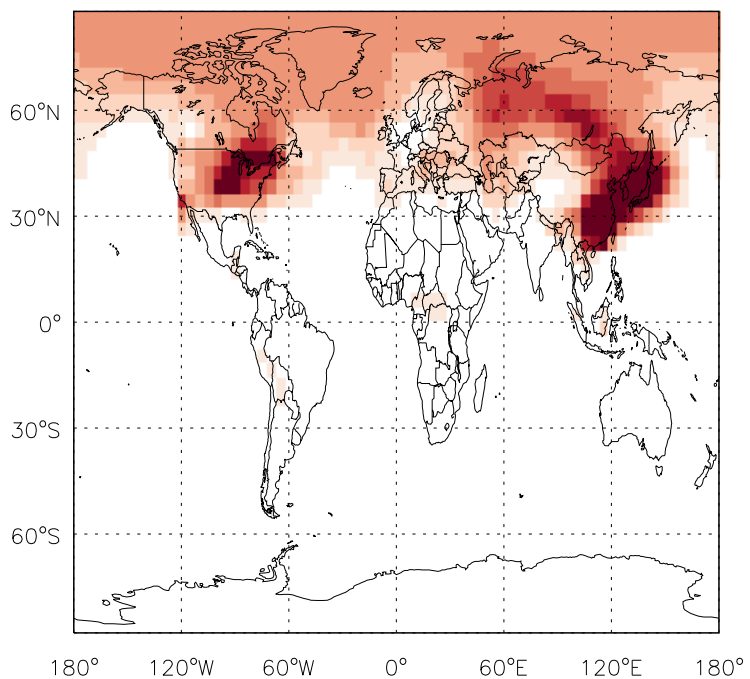
PMN- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

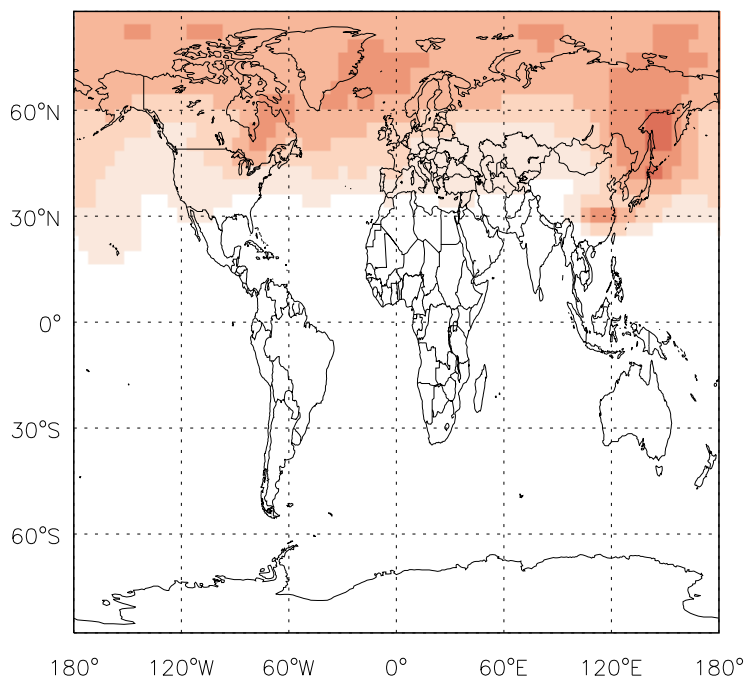
v11-01g-Run0 - v11-01f-geosfp-Run0

PPN - Diff @ Surface for Apr



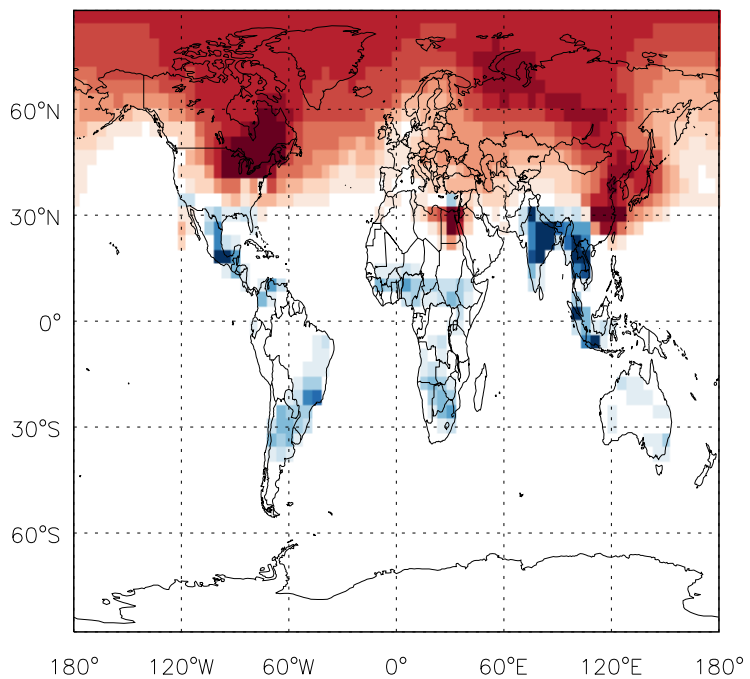
v11-01g-Run0 - v11-01f-geosfp-Run0

PPN- Diff @ 500 hPa for Apr



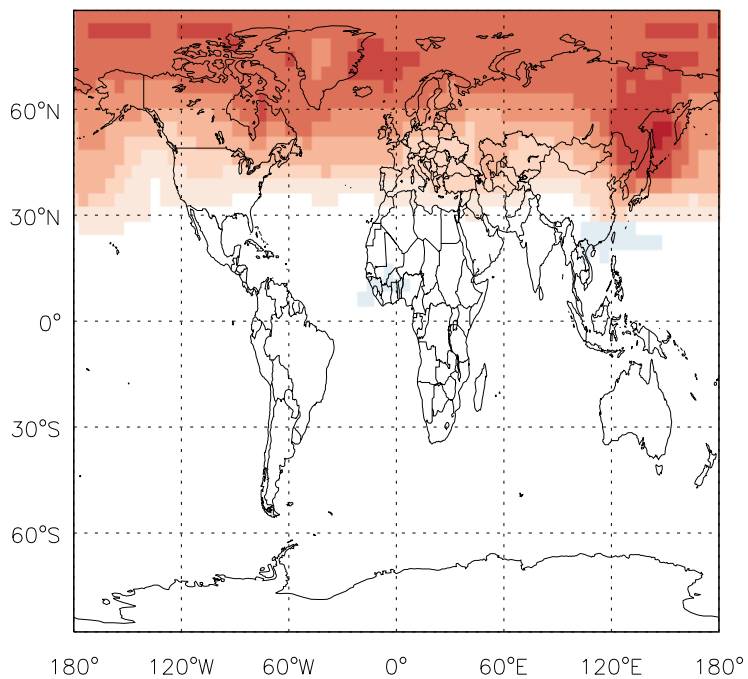
v11-01g-Run0 - v11-01d-Run1

PPN - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

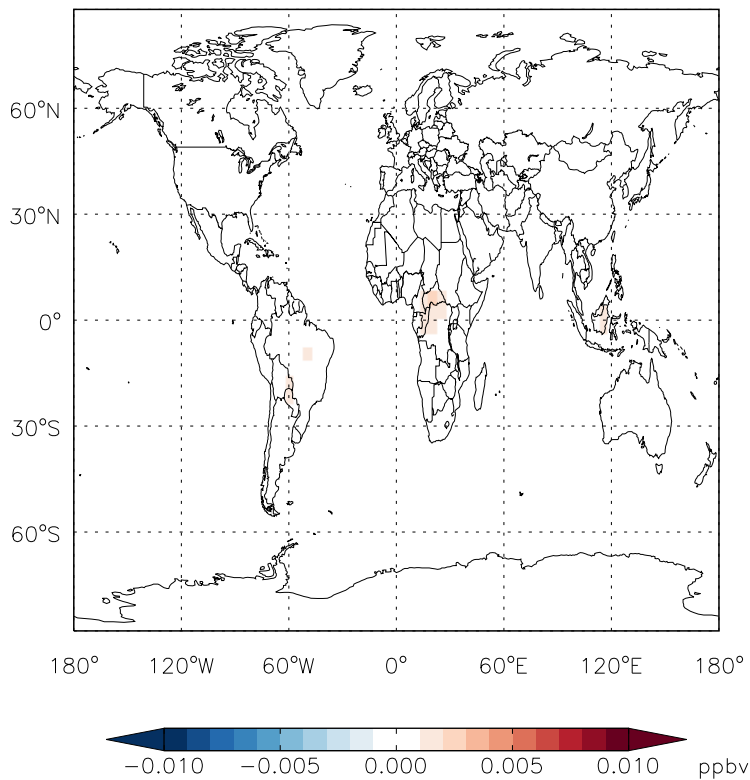
PPN- Diff @ 500 hPa for Apr



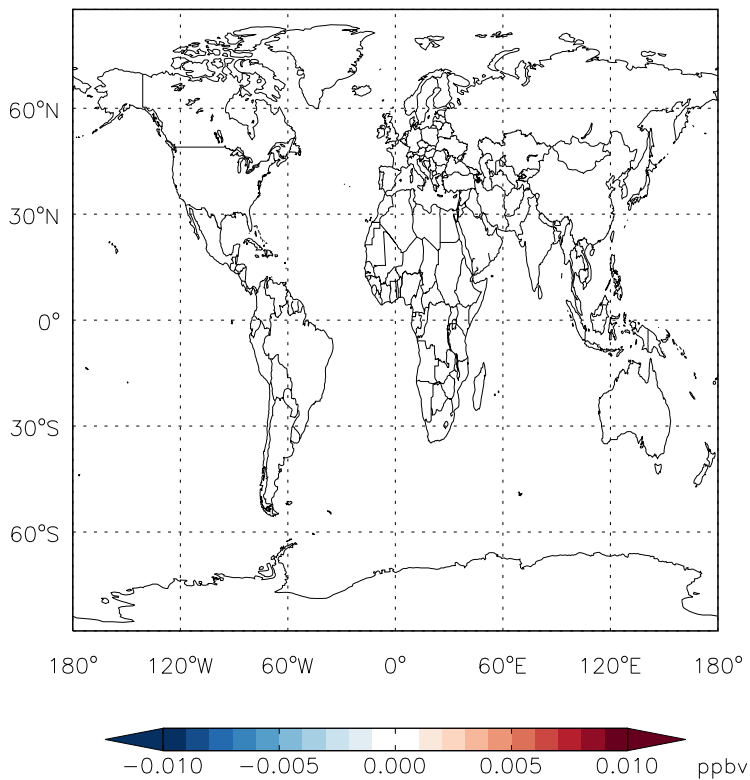


# GEOS-Chem Difference Maps at surface and 500 hPa

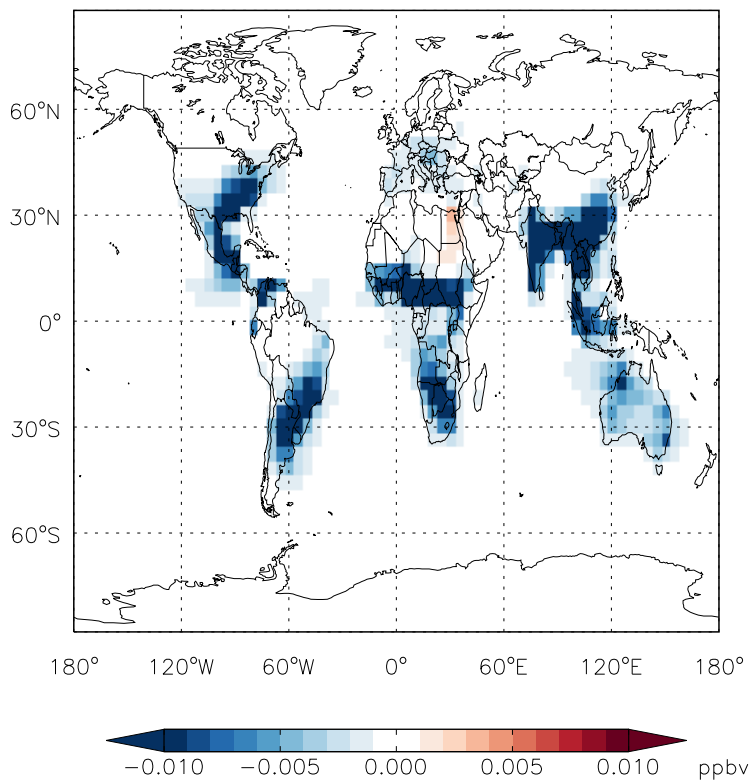
v11-01g-Run0 - v11-01f-geosfp-Run0  
R4N2 - Diff @ Surface for Apr



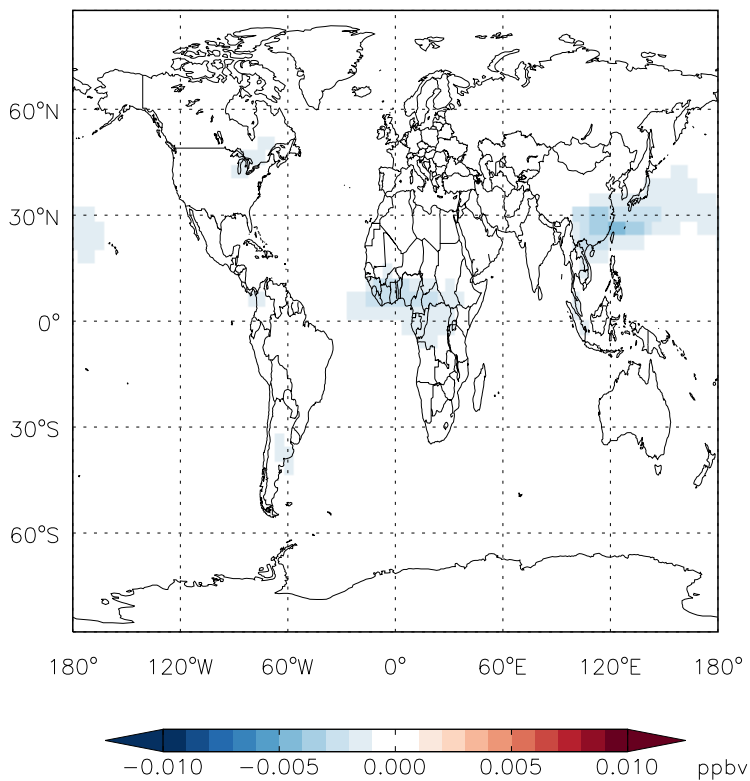
v11-01g-Run0 - v11-01f-geosfp-Run0  
R4N2- Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
R4N2 - Diff @ Surface for Apr



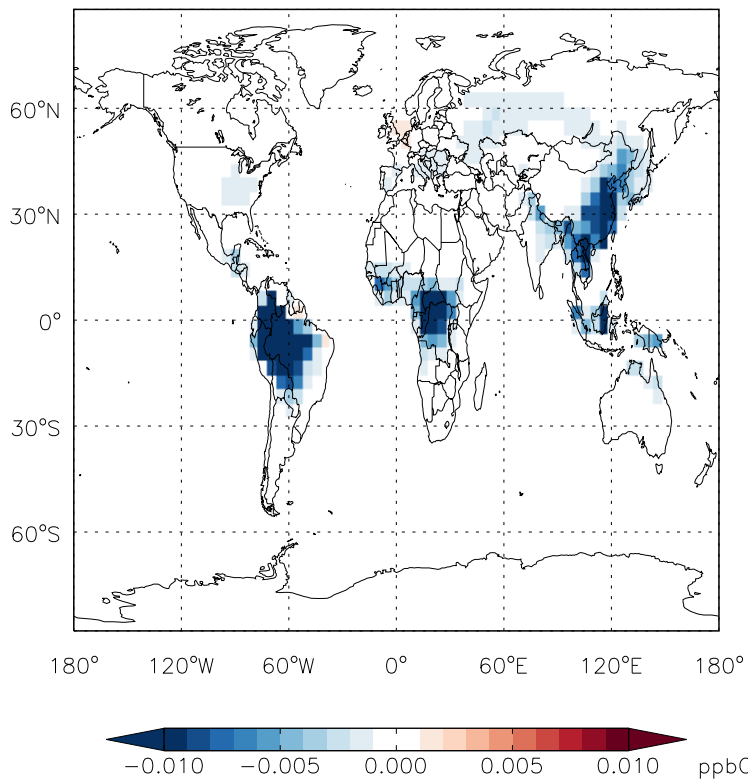
v11-01g-Run0 - v11-01d-Run1  
R4N2- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

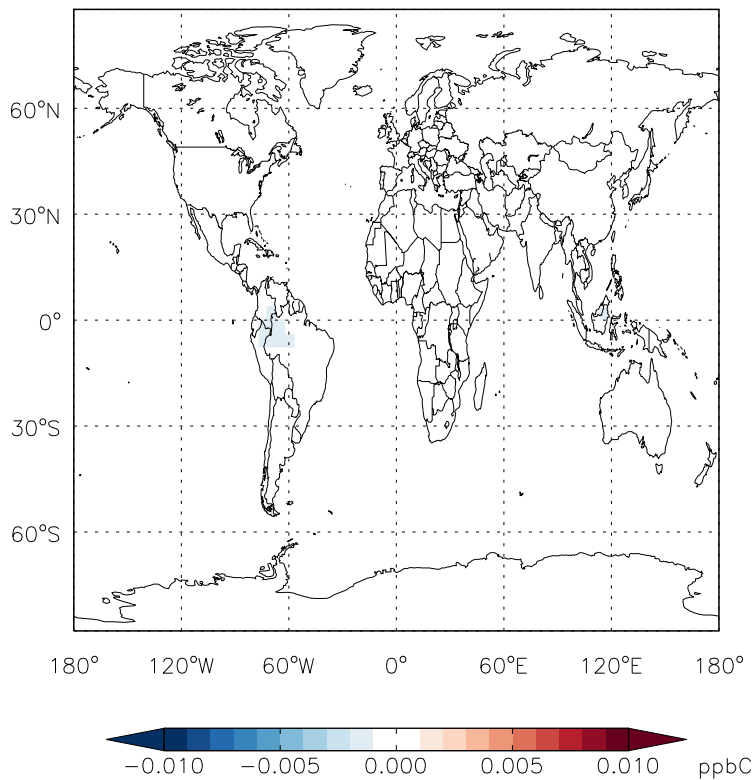
v11-01g-Run0 - v11-01f-geosfp-Run0

PRPE - Diff @ Surface for Apr



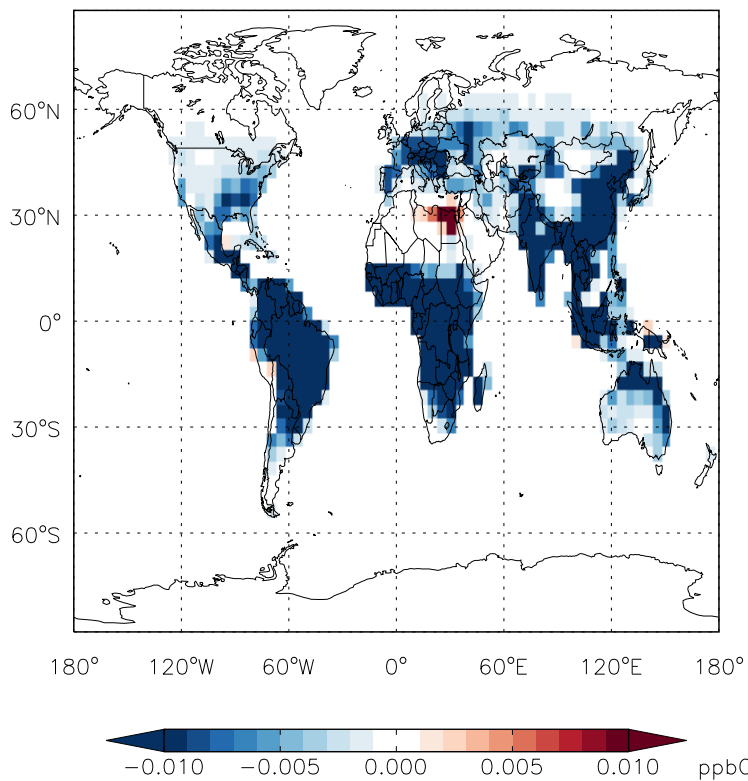
v11-01g-Run0 - v11-01f-geosfp-Run0

PRPE- Diff @ 500 hPa for Apr



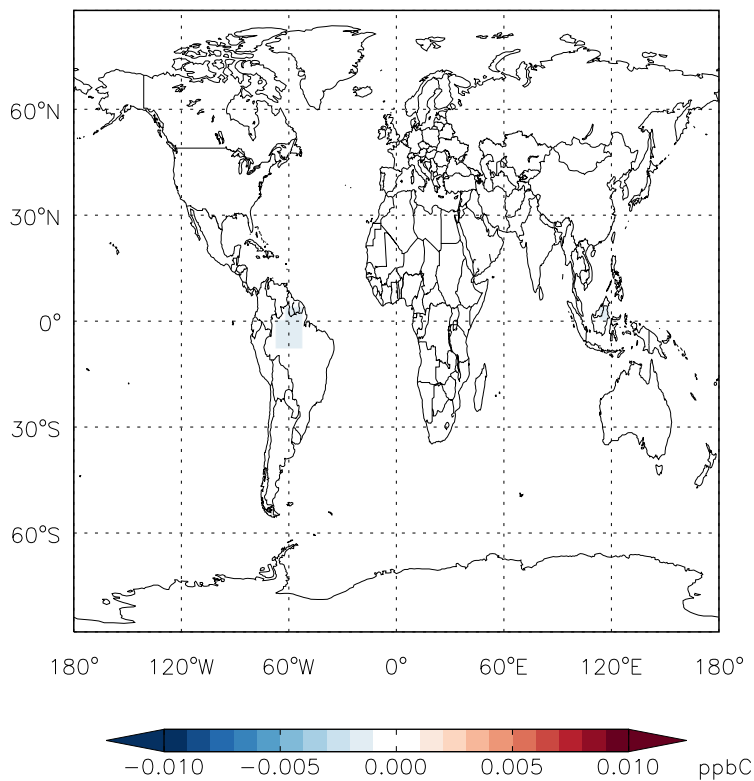
v11-01g-Run0 - v11-01d-Run1

PRPE - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

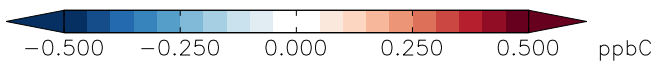
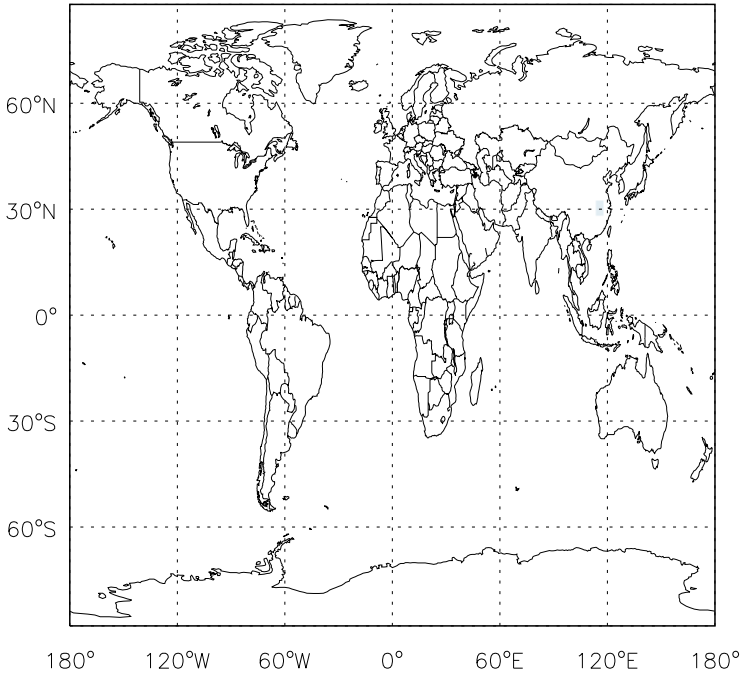
PRPE- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

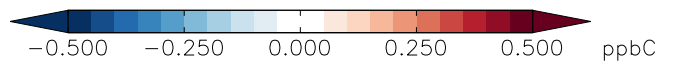
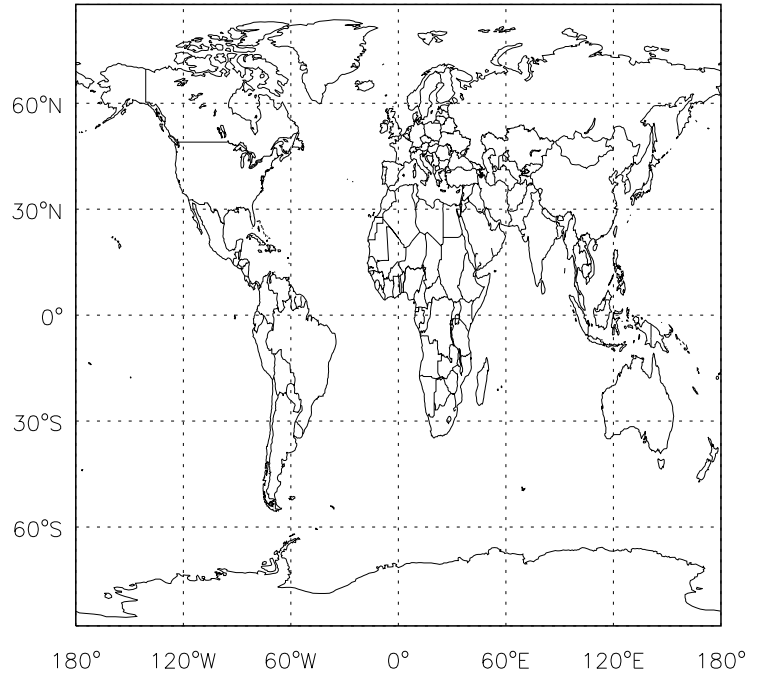
v11-01g-Run0 - v11-01f-geosfp-Run0

C3H8 - Diff @ Surface for Apr



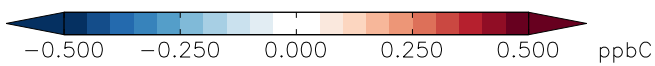
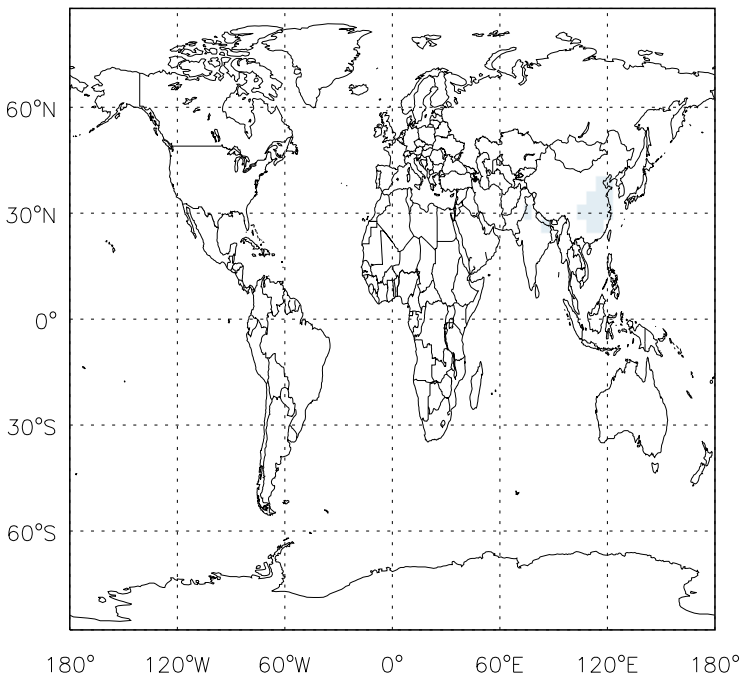
v11-01g-Run0 - v11-01f-geosfp-Run0

C3H8- Diff @ 500 hPa for Apr



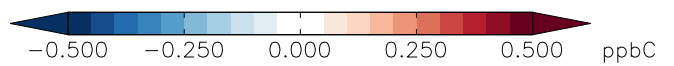
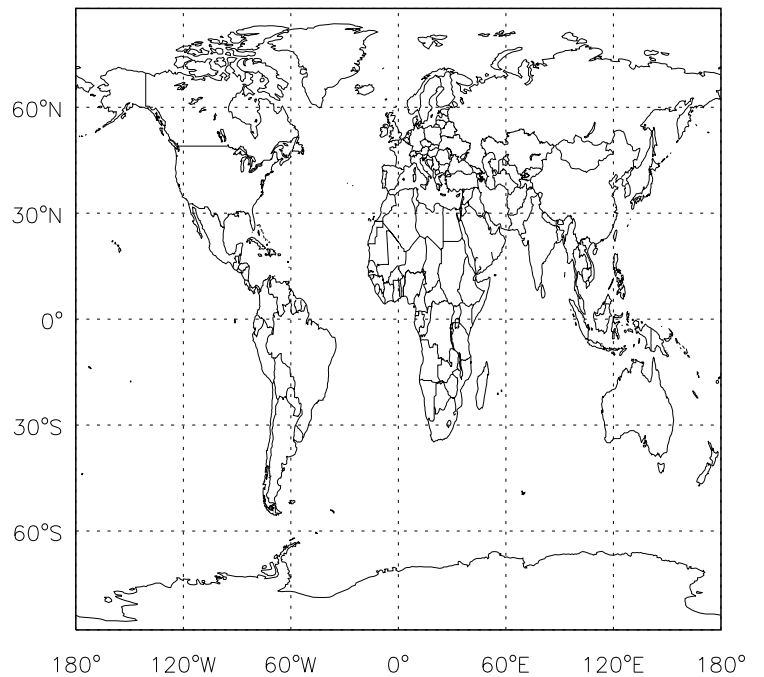
v11-01g-Run0 - v11-01d-Run1

C3H8 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

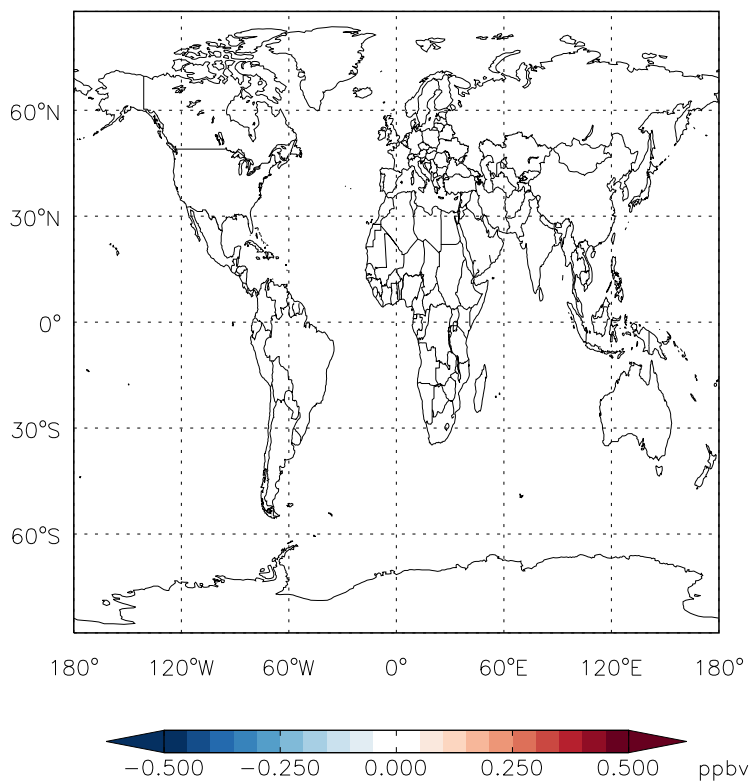
C3H8- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

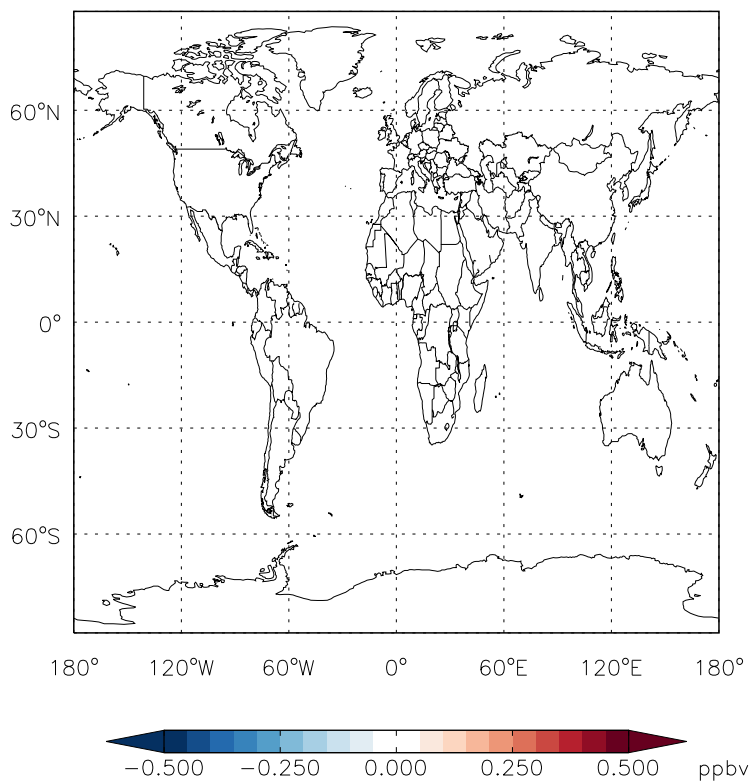
v11-01g-Run0 - v11-01f-geosfp-Run0

CH2O - Diff @ Surface for Apr



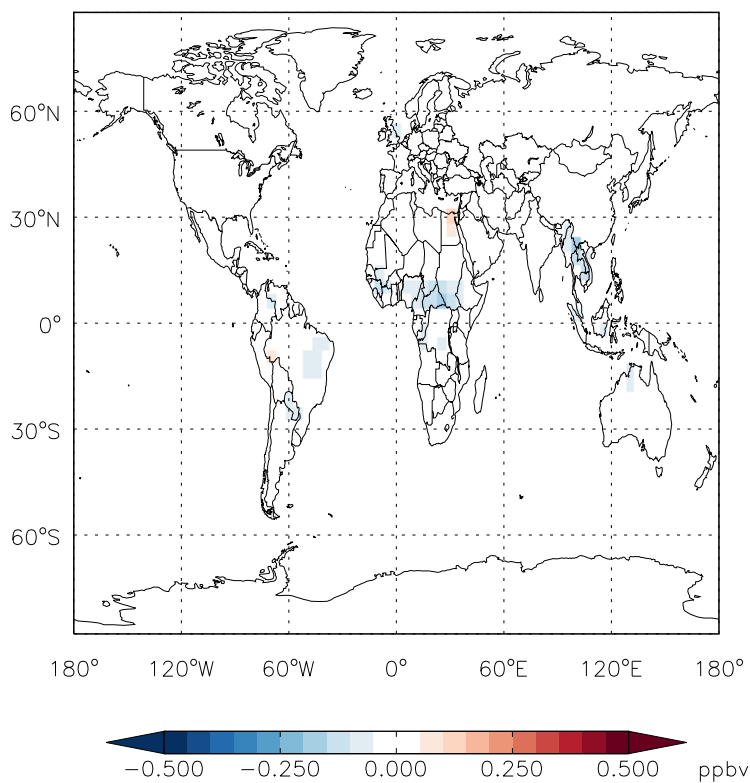
v11-01g-Run0 - v11-01f-geosfp-Run0

CH2O - Diff @ 500 hPa for Apr



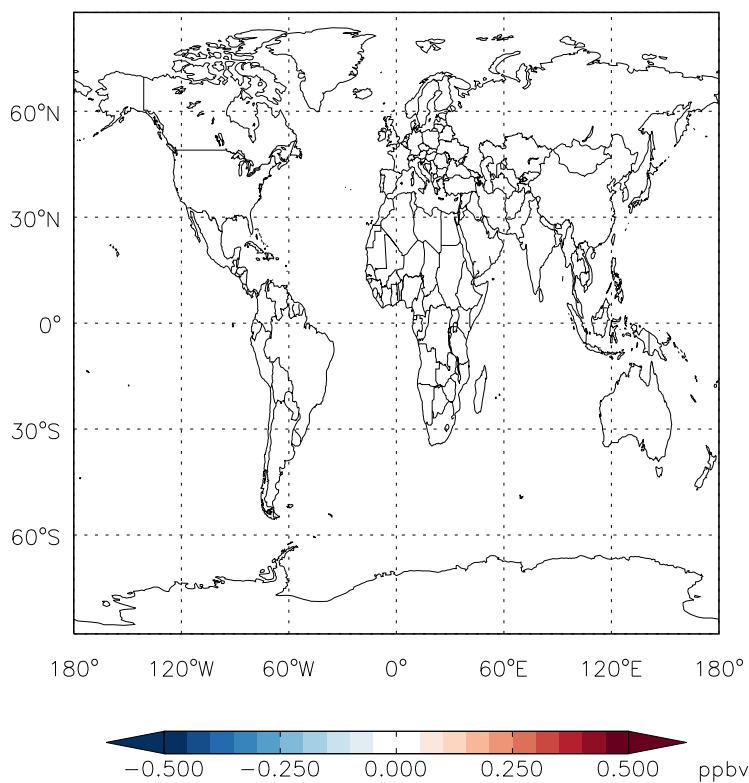
v11-01g-Run0 - v11-01d-Run1

CH2O - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

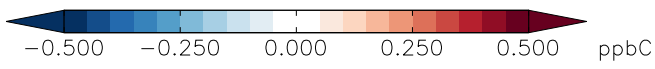
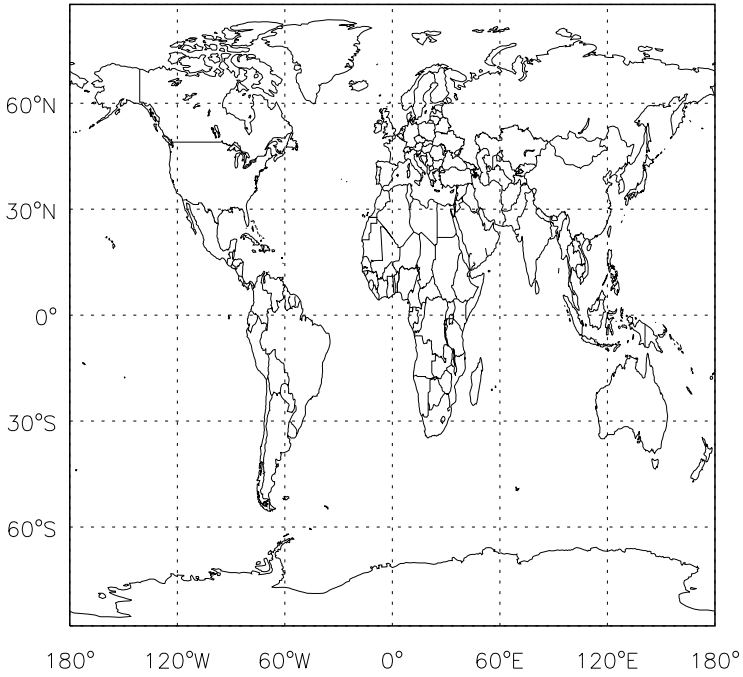
CH2O - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

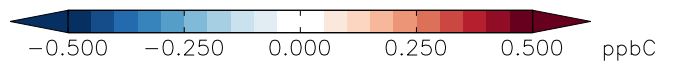
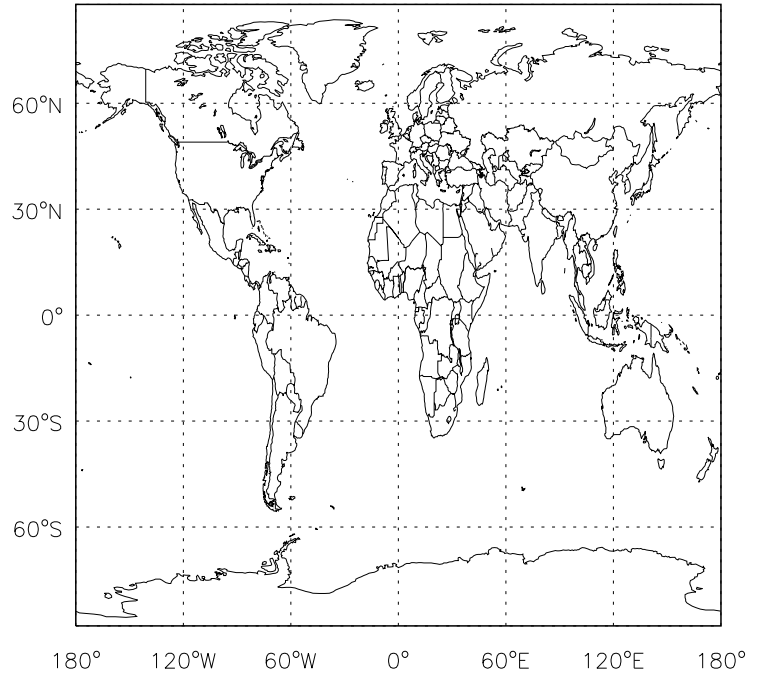
v11-01g-Run0 - v11-01f-geosfp-Run0

C2H6 - Diff @ Surface for Apr



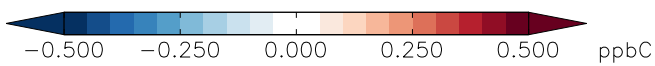
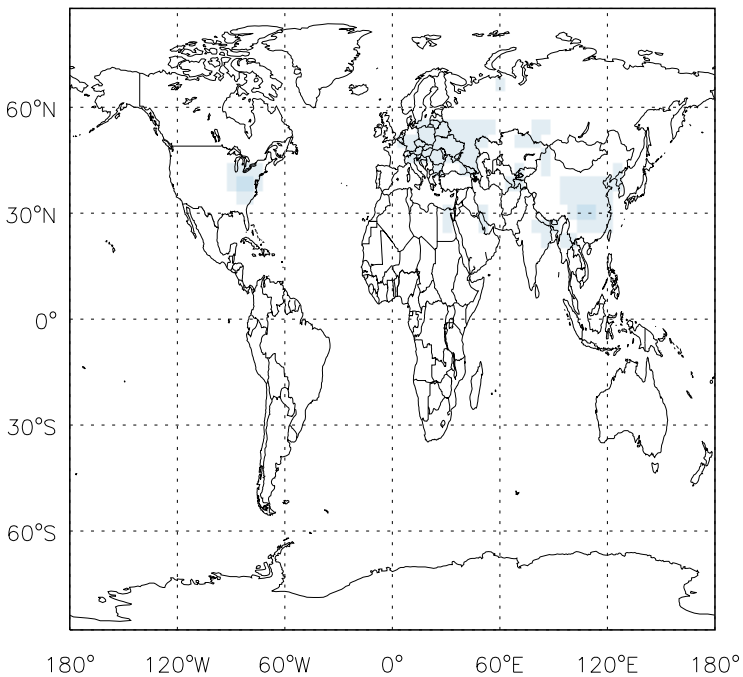
v11-01g-Run0 - v11-01f-geosfp-Run0

C2H6- Diff @ 500 hPa for Apr



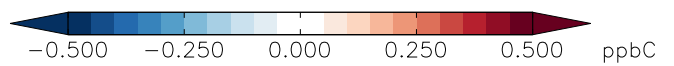
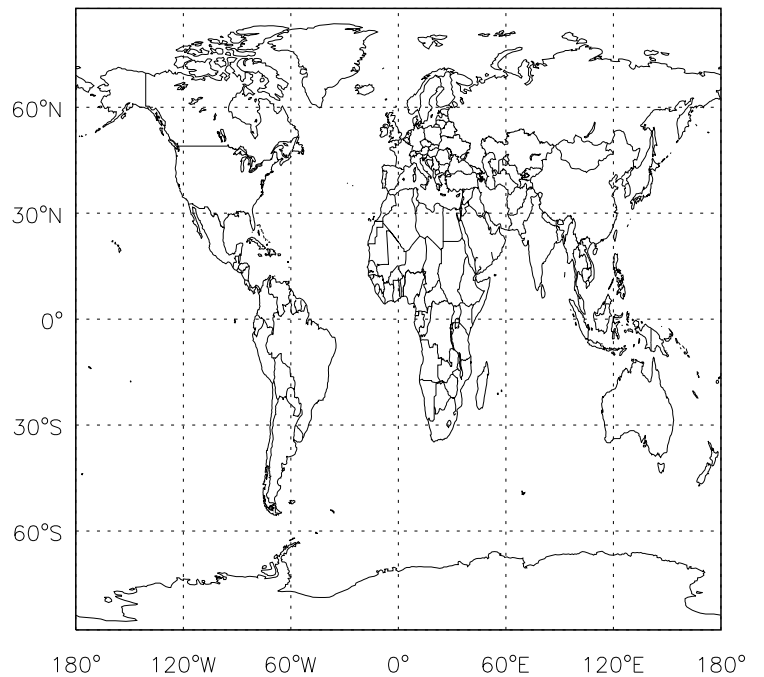
v11-01g-Run0 - v11-01d-Run1

C2H6 - Diff @ Surface for Apr



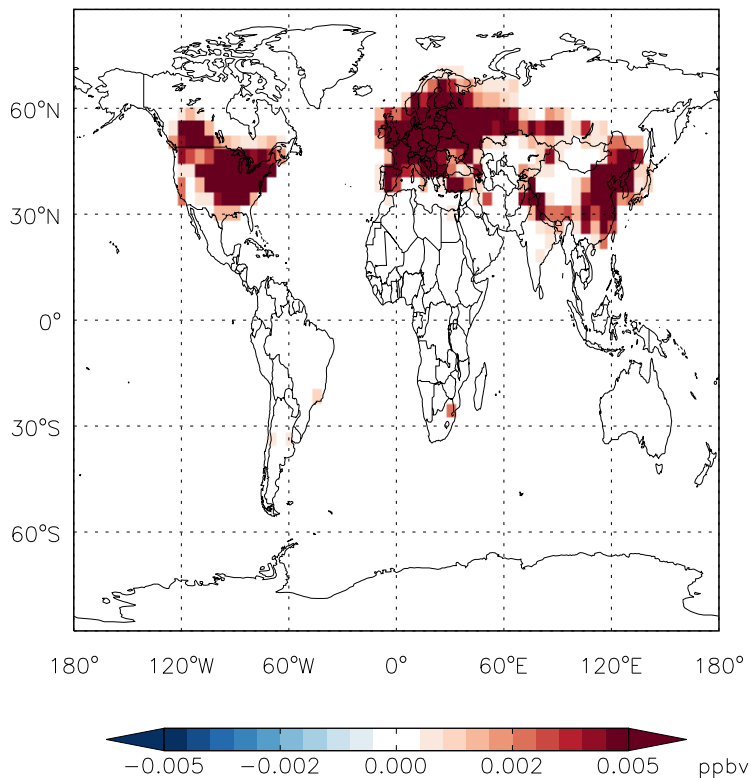
v11-01g-Run0 - v11-01d-Run1

C2H6- Diff @ 500 hPa for Apr

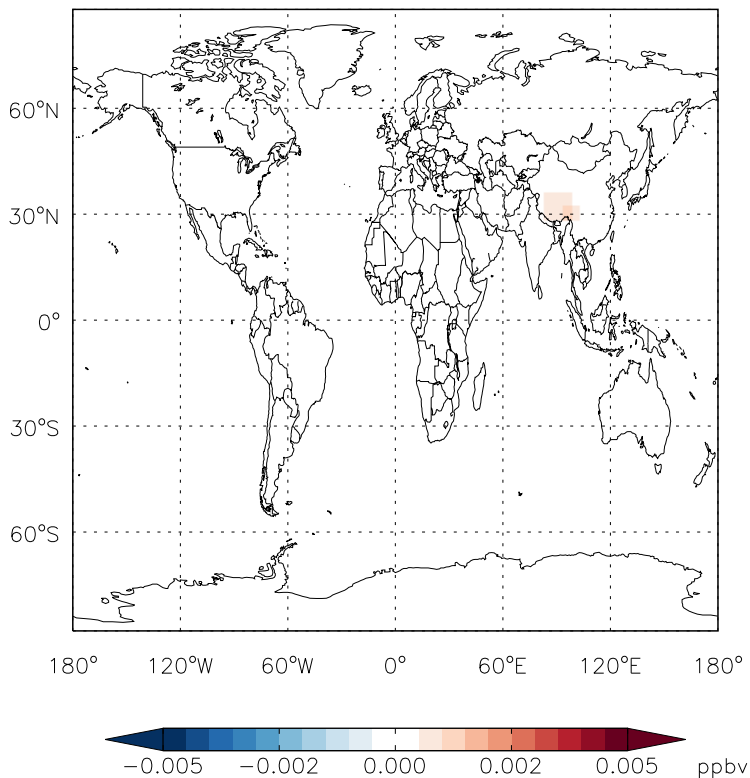


# GEOS-Chem Difference Maps at surface and 500 hPa

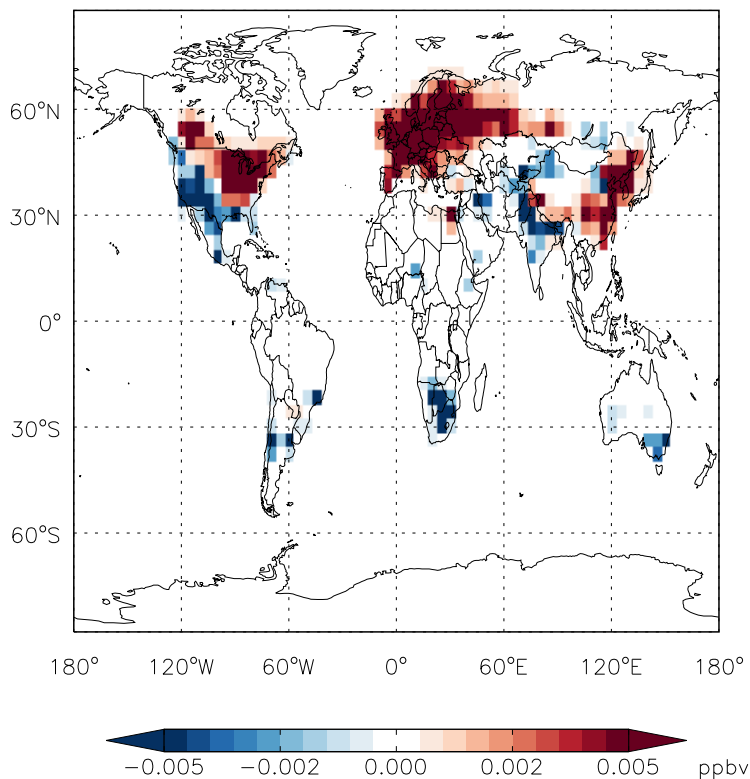
v11-01g-Run0 - v11-01f-geosfp-Run0  
N2O5 - Diff @ Surface for Apr



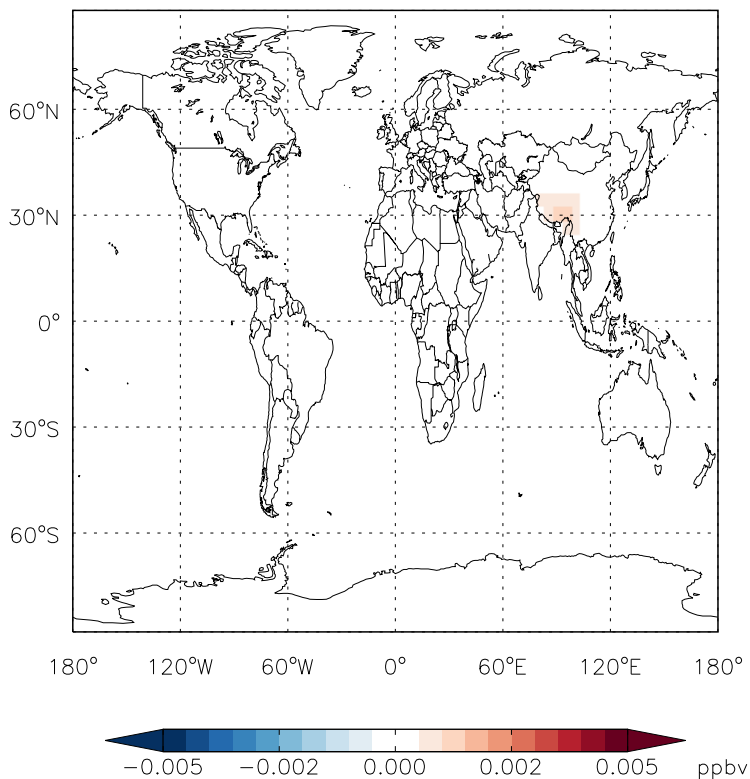
v11-01g-Run0 - v11-01f-geosfp-Run0  
N2O5- Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
N2O5 - Diff @ Surface for Apr



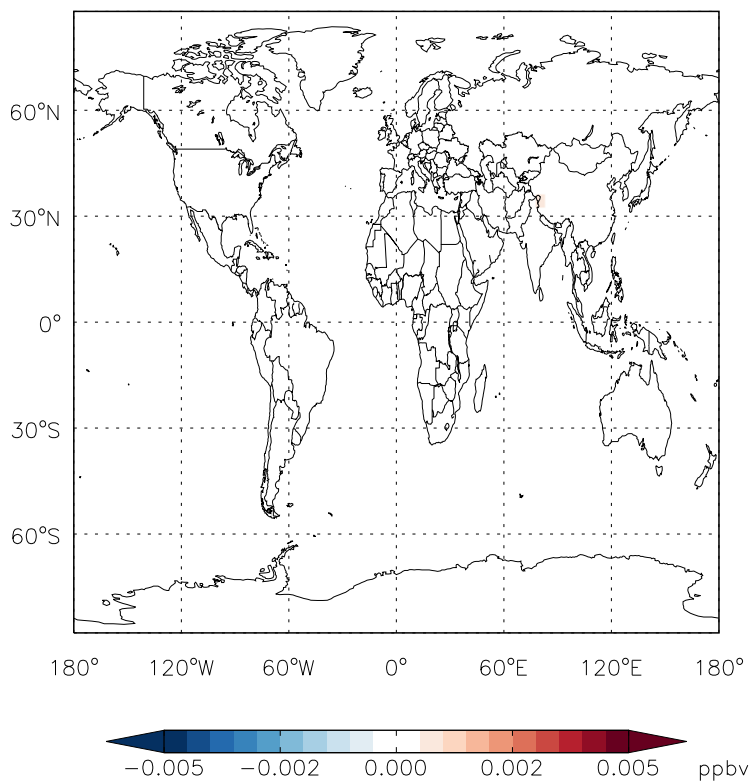
v11-01g-Run0 - v11-01d-Run1  
N2O5- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

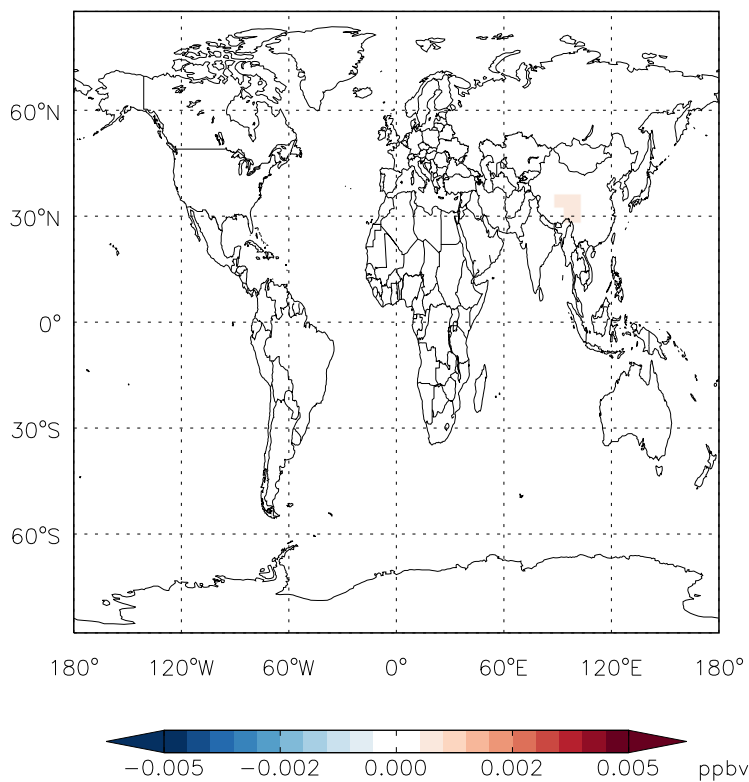
v11-01g-Run0 - v11-01f-geosfp-Run0

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



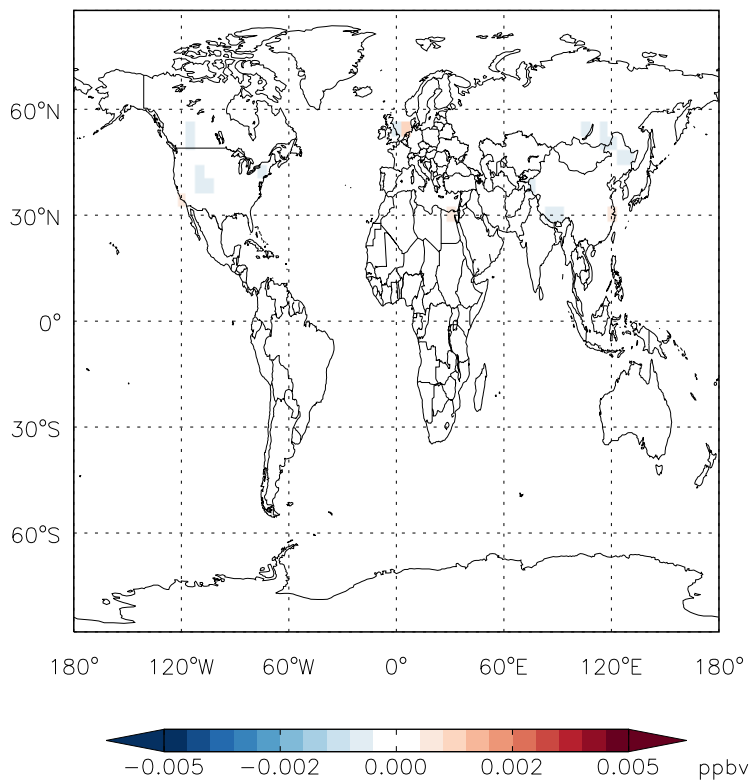
v11-01g-Run0 - v11-01f-geosfp-Run0

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



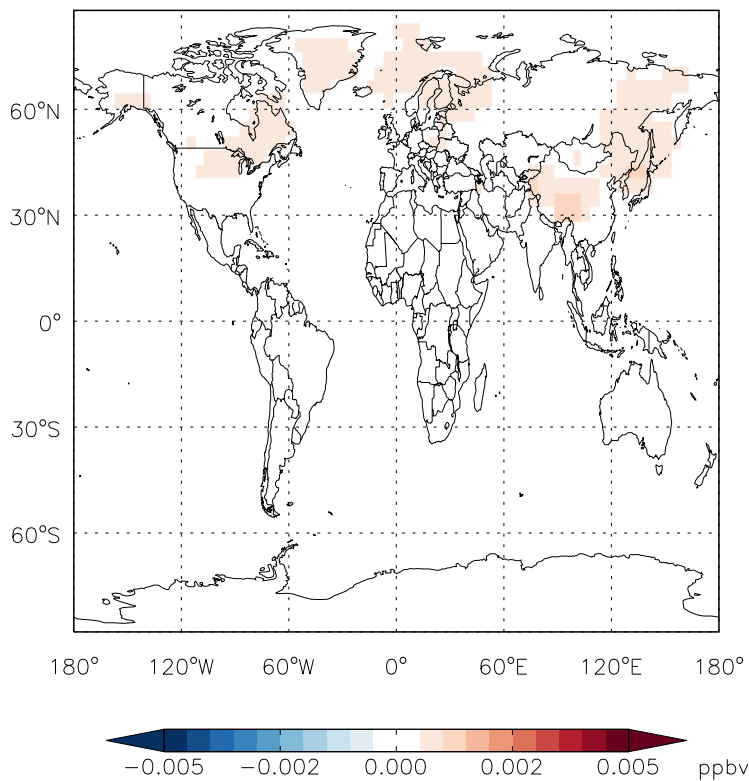
v11-01g-Run0 - v11-01d-Run1

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



v11-01g-Run0 - v11-01d-Run1

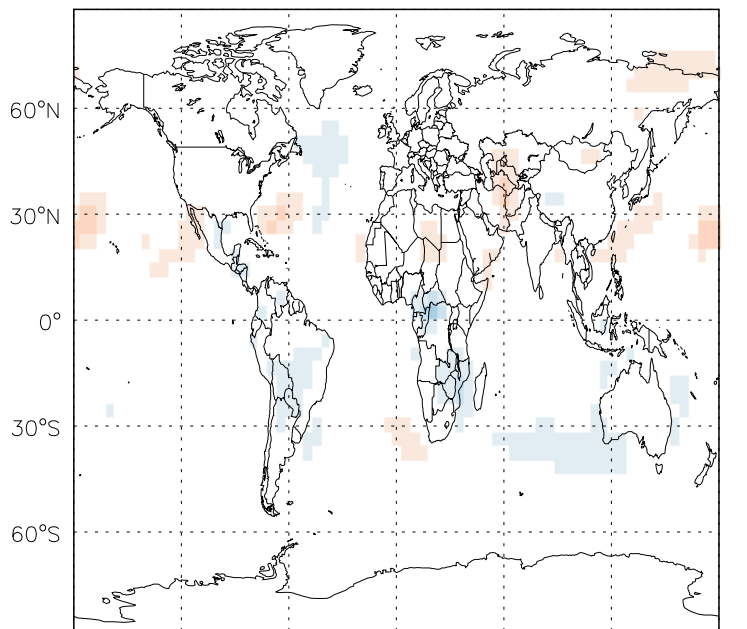
HNO<sub>4</sub> - Diff @ 500 hPa for Apr



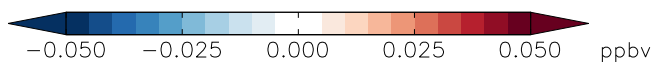
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

MP - Diff @ Surface for Apr

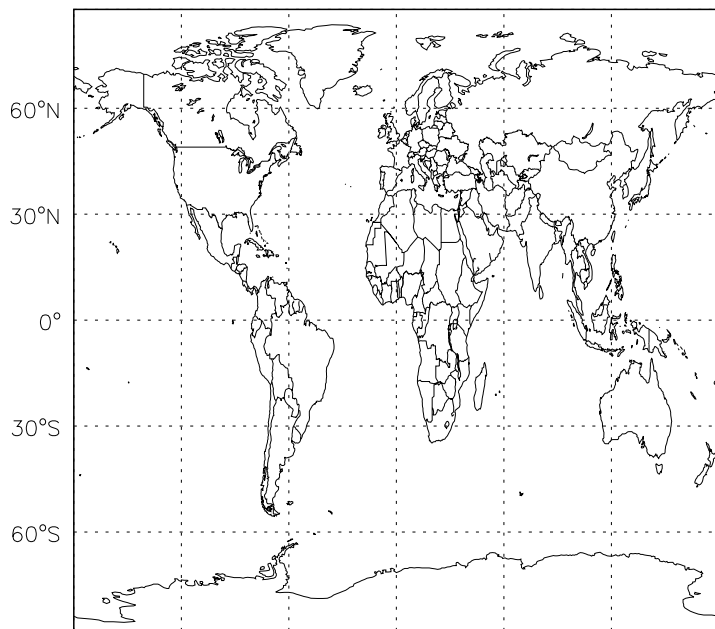


180° 120°W 60°W 0° 60°E 120°E 180°

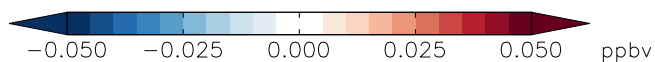


v11-01g-Run0 - v11-01f-geosfp-Run0

MP- Diff @ 500 hPa for Apr

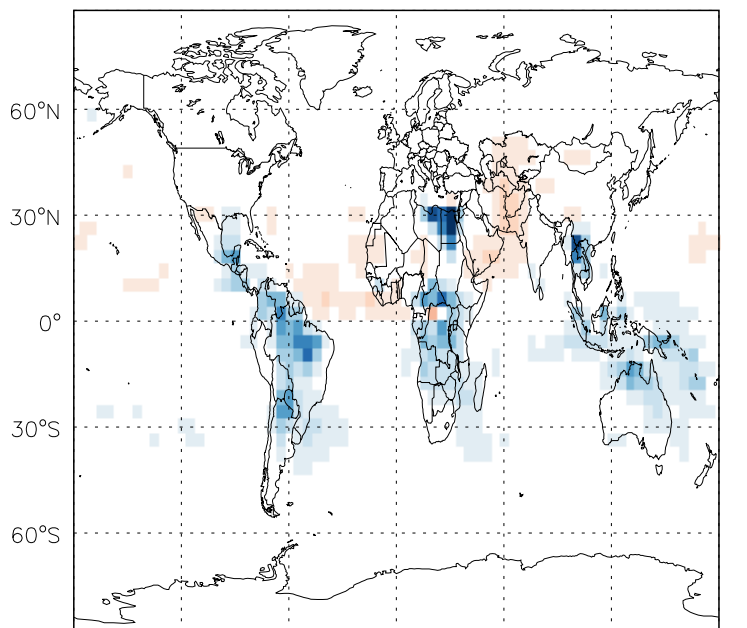


180° 120°W 60°W 0° 60°E 120°E 180°

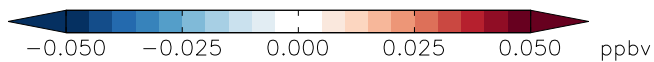


v11-01g-Run0 - v11-01d-Run1

MP - Diff @ Surface for Apr

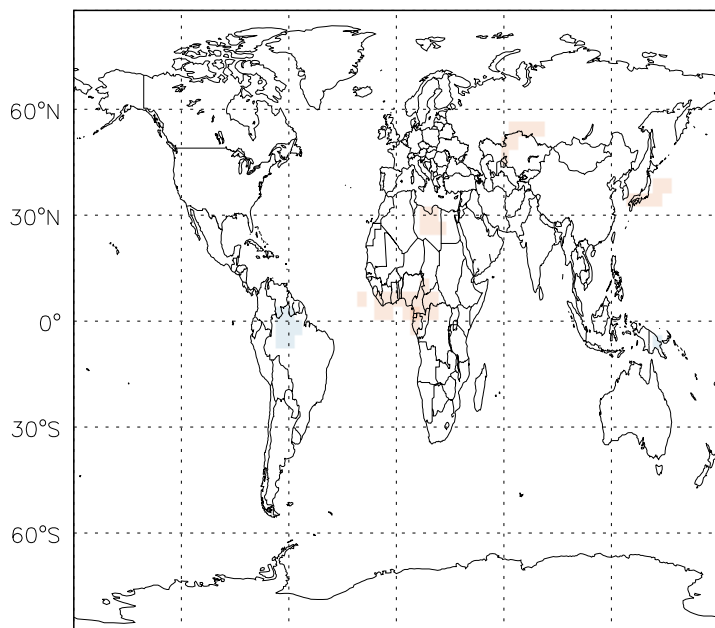


180° 120°W 60°W 0° 60°E 120°E 180°

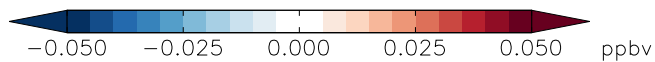


v11-01g-Run0 - v11-01d-Run1

MP- Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

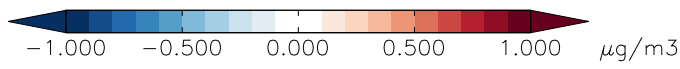
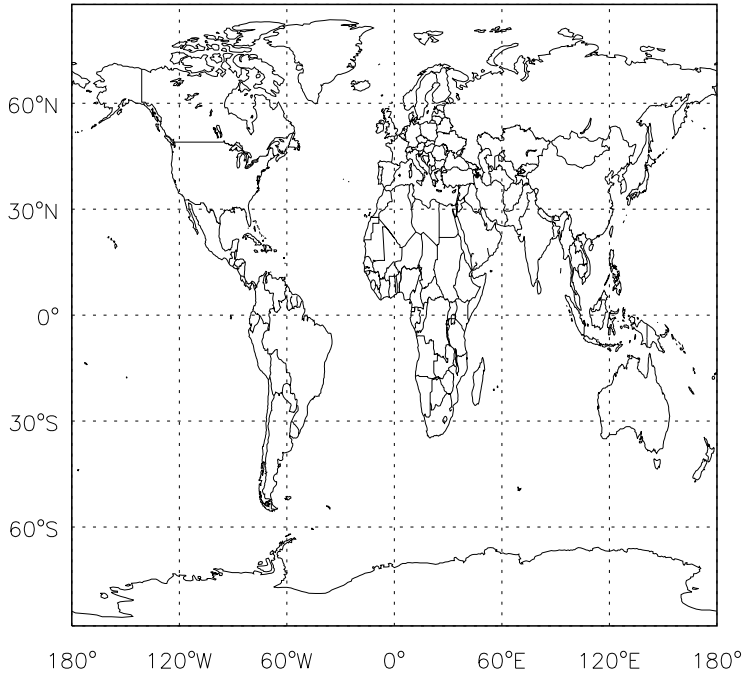




# GEOS-Chem Difference Maps at surface and 500 hPa

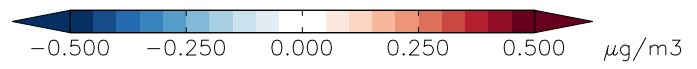
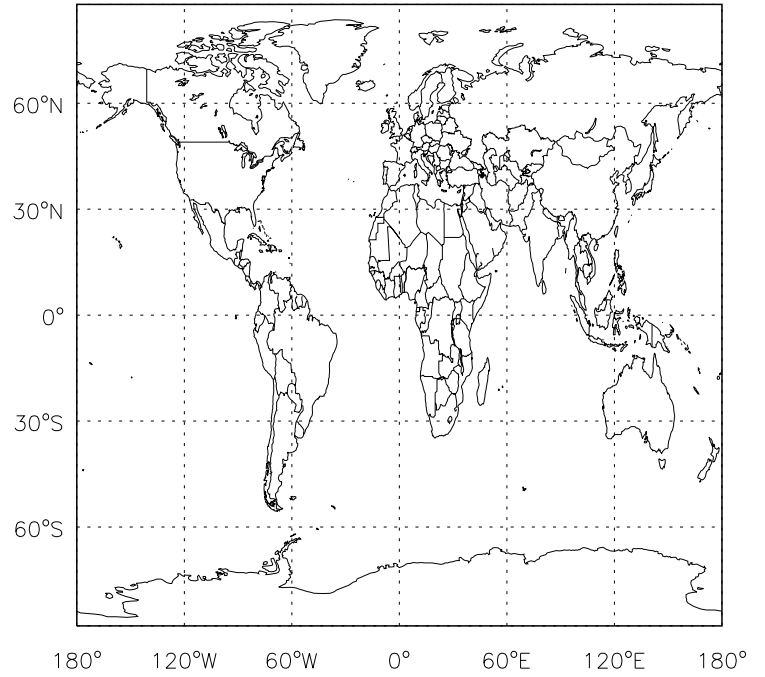
v11-01g-Run0 - v11-01f-geosfp-Run0

DMS - Diff @ Surface for Apr



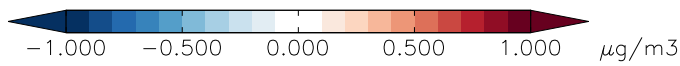
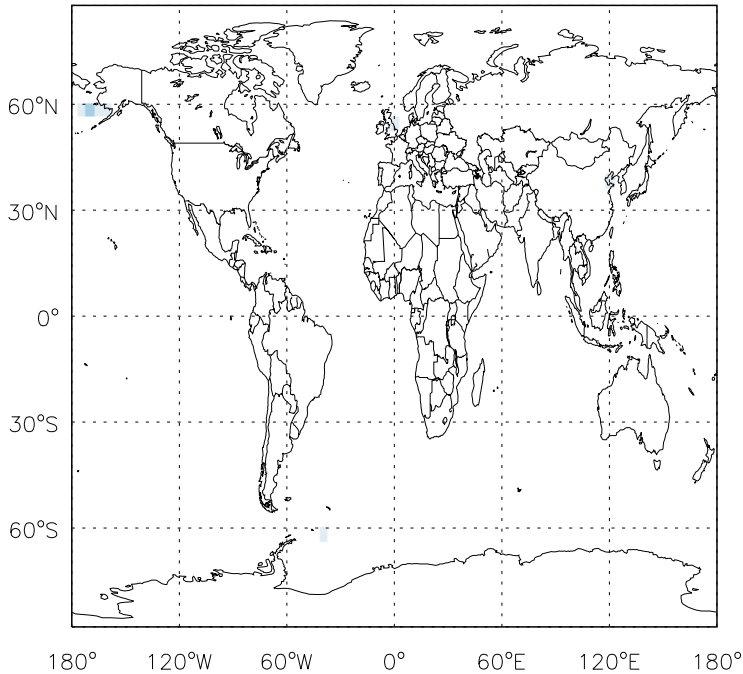
v11-01g-Run0 - v11-01f-geosfp-Run0

DMS- Diff @ 500 hPa for Apr



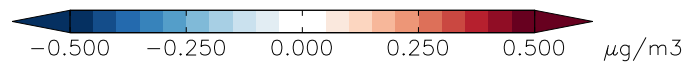
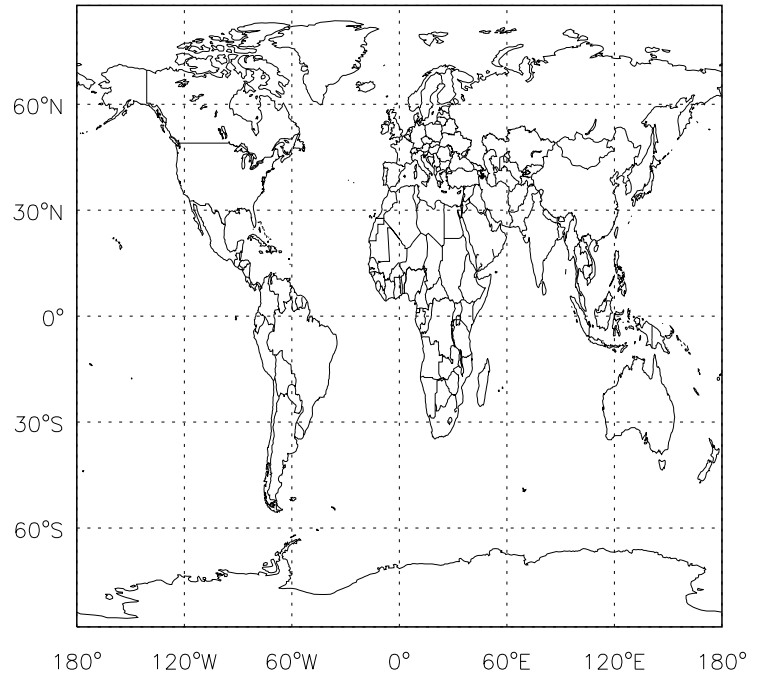
v11-01g-Run0 - v11-01d-Run1

DMS - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

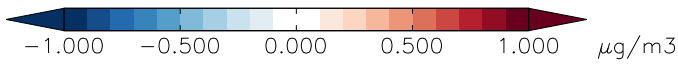
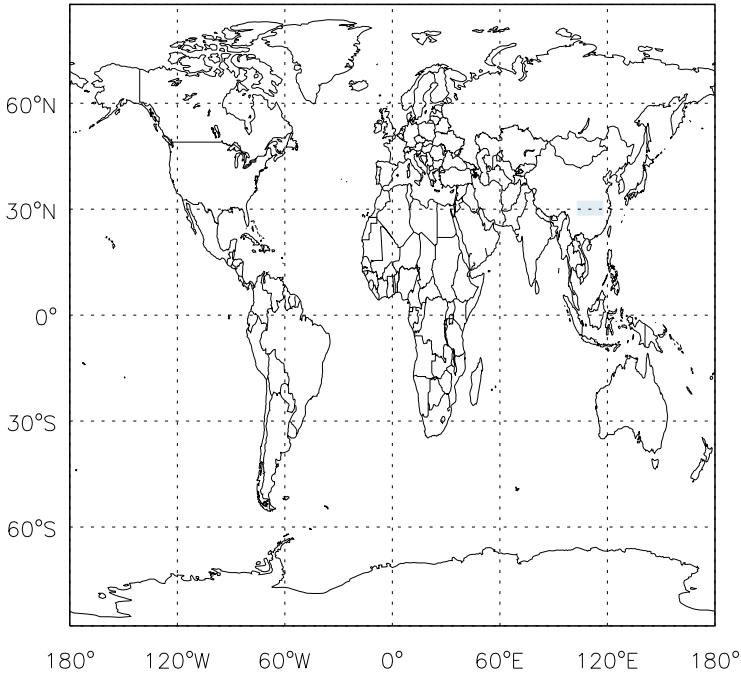
DMS- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

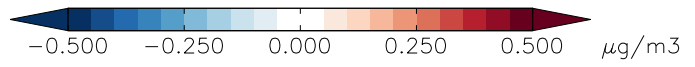
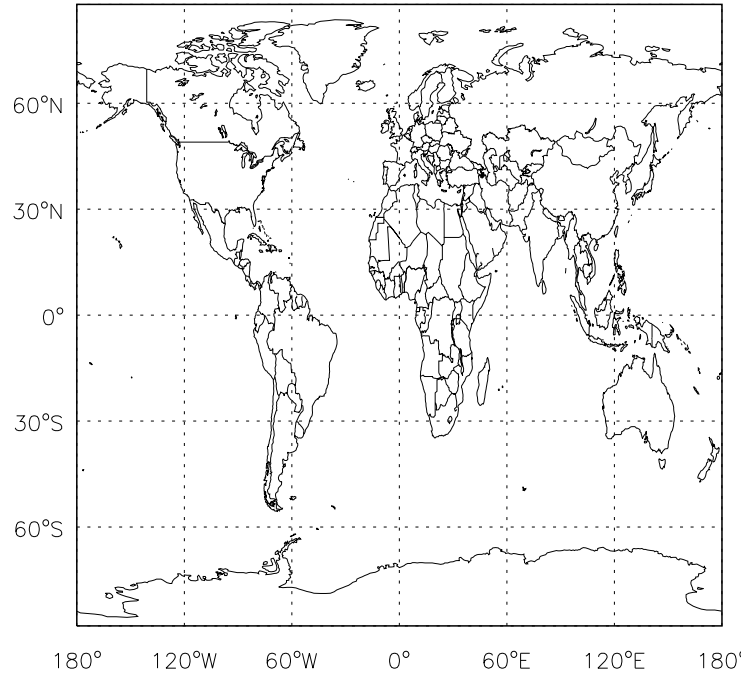
v11-01g-Run0 - v11-01f-geosfp-Run0

S<sub>02</sub> - Diff @ Surface for Apr



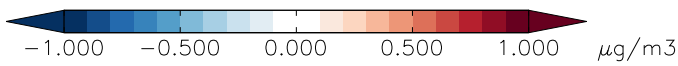
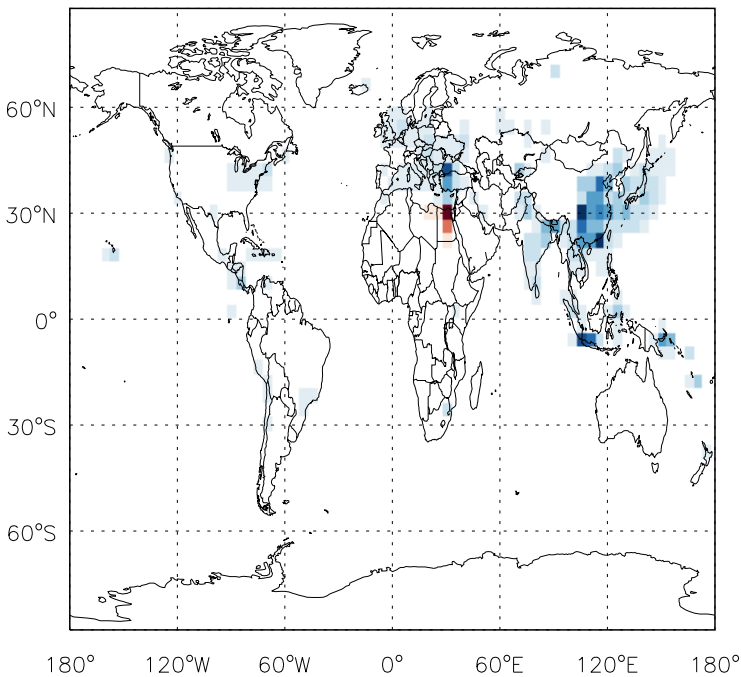
v11-01g-Run0 - v11-01f-geosfp-Run0

S<sub>02</sub> - Diff @ 500 hPa for Apr



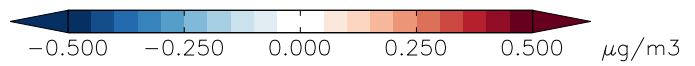
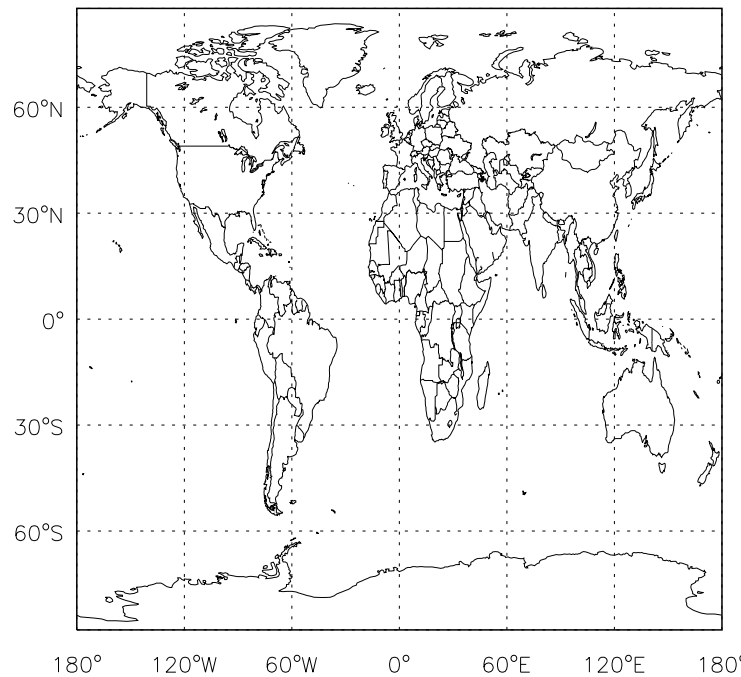
v11-01g-Run0 - v11-01d-Run1

S<sub>02</sub> - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

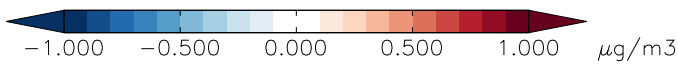
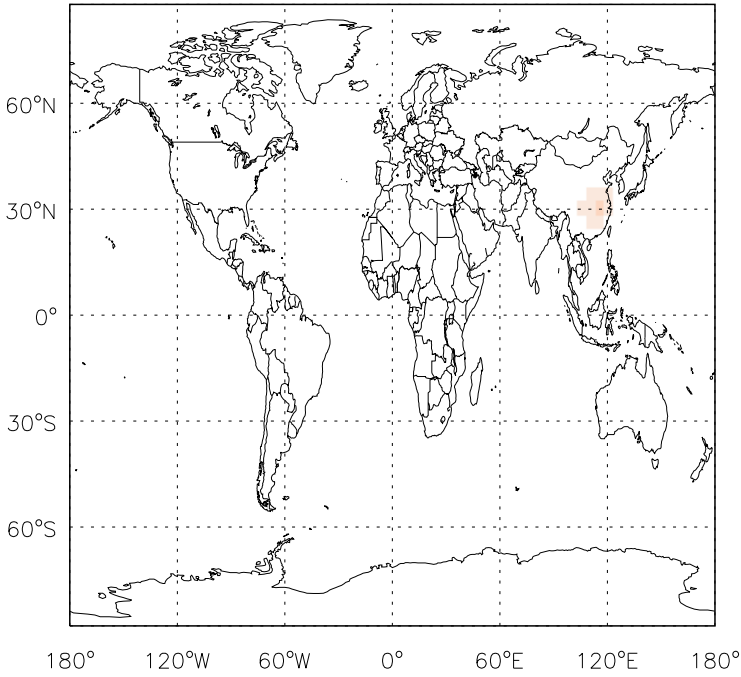
S<sub>02</sub> - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

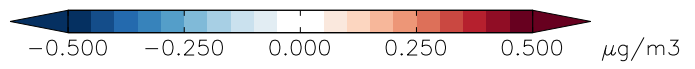
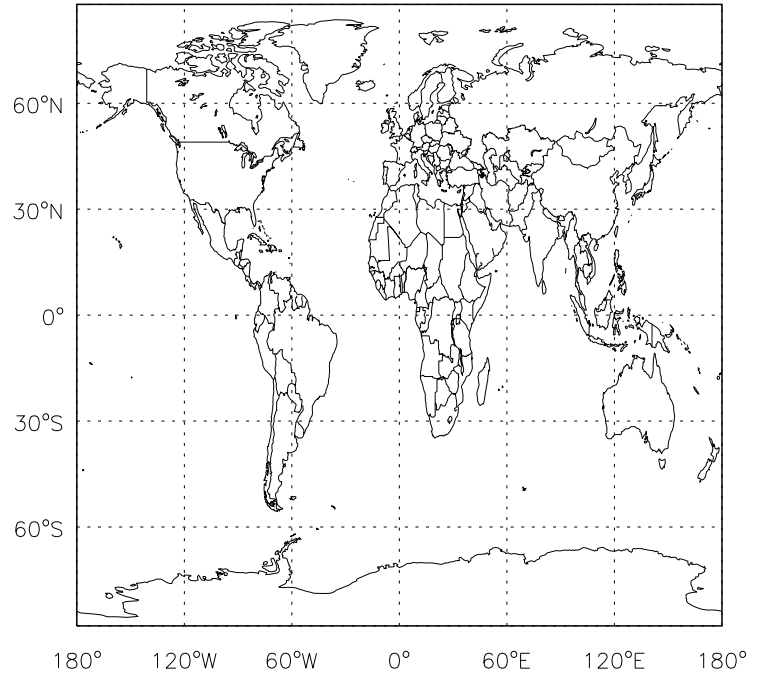
v11-01g-Run0 - v11-01f-geosfp-Run0

S04 - Diff @ Surface for Apr



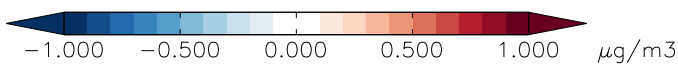
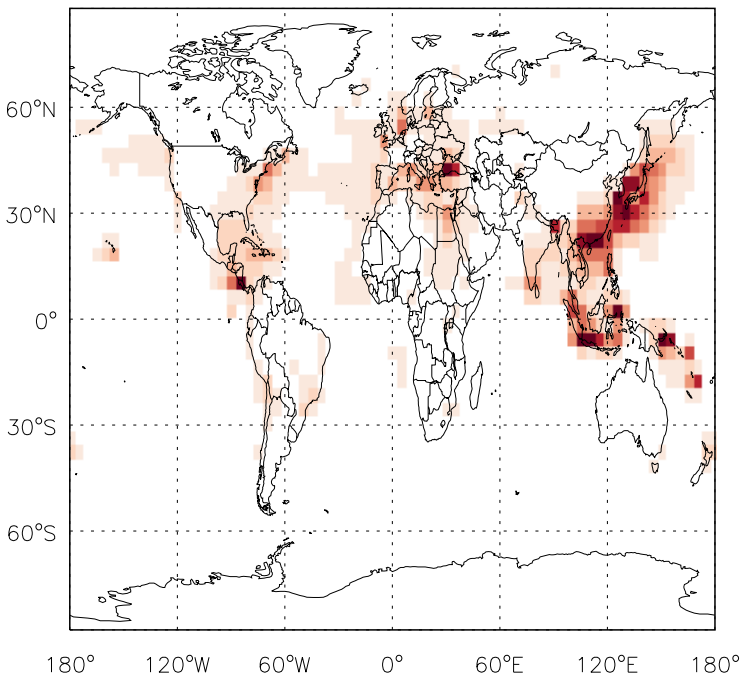
v11-01g-Run0 - v11-01f-geosfp-Run0

S04 - Diff @ 500 hPa for Apr



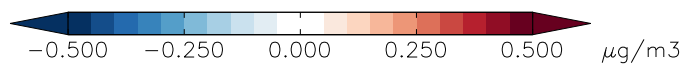
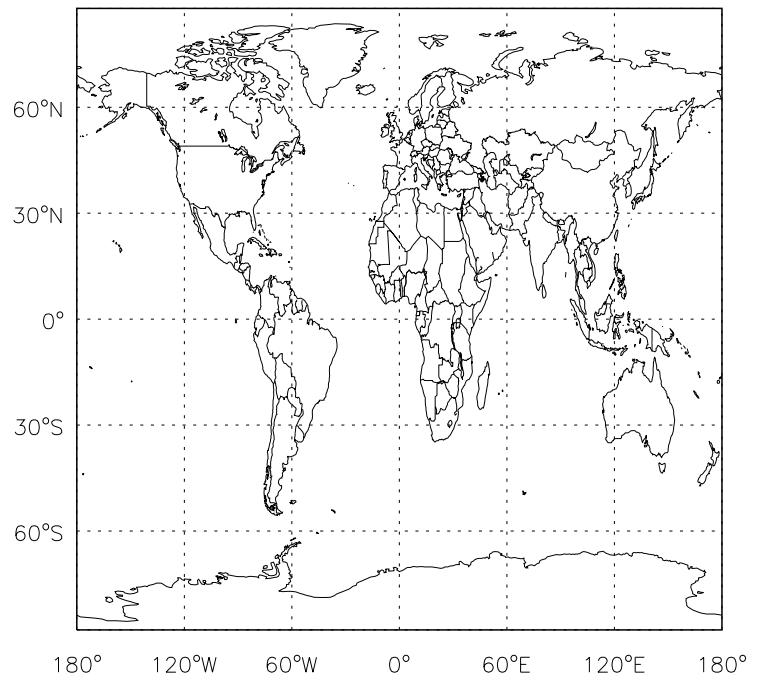
v11-01g-Run0 - v11-01d-Run1

S04 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

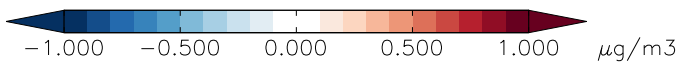
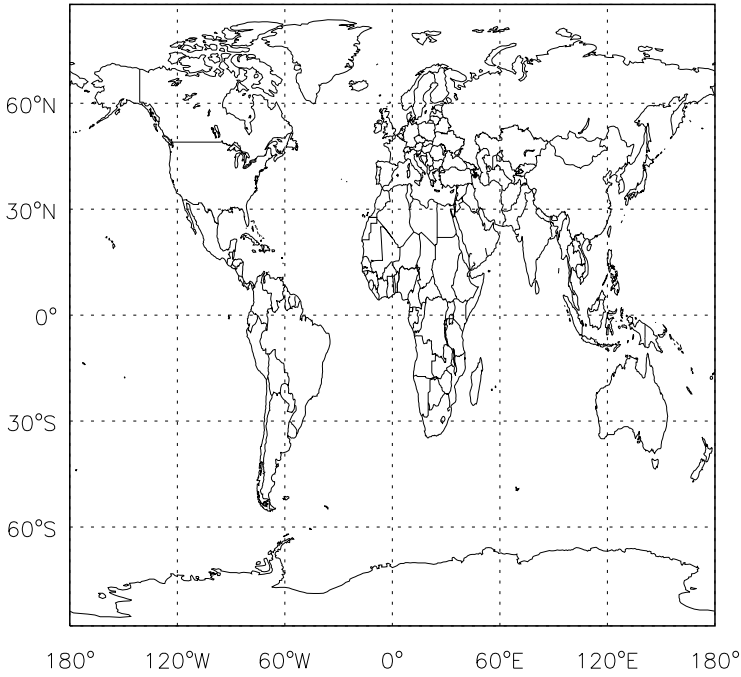
S04 - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

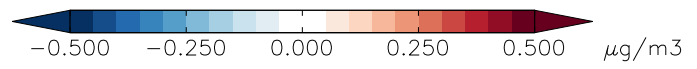
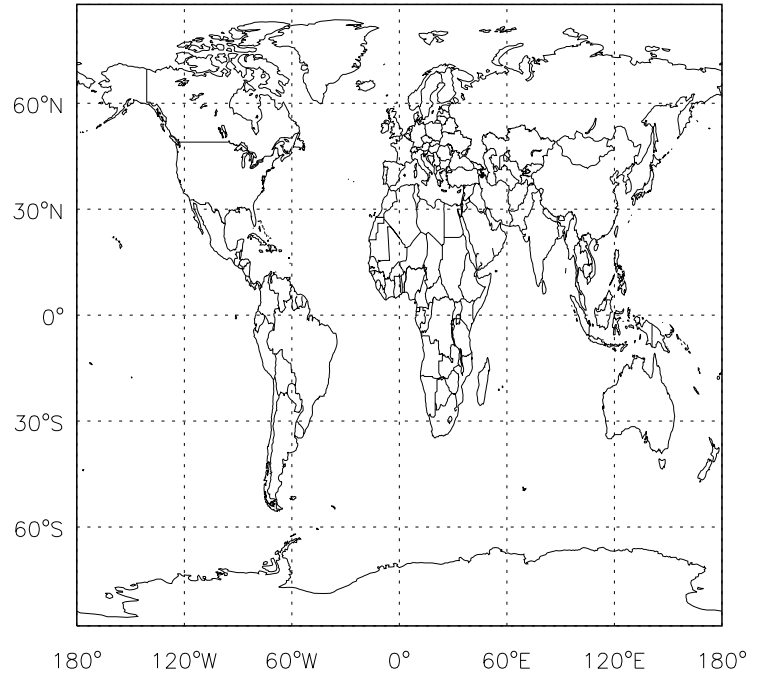
v11-01g-Run0 - v11-01f-geosfp-Run0

S04s - Diff @ Surface for Apr



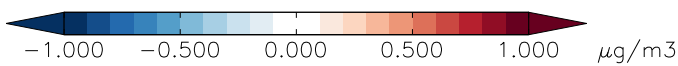
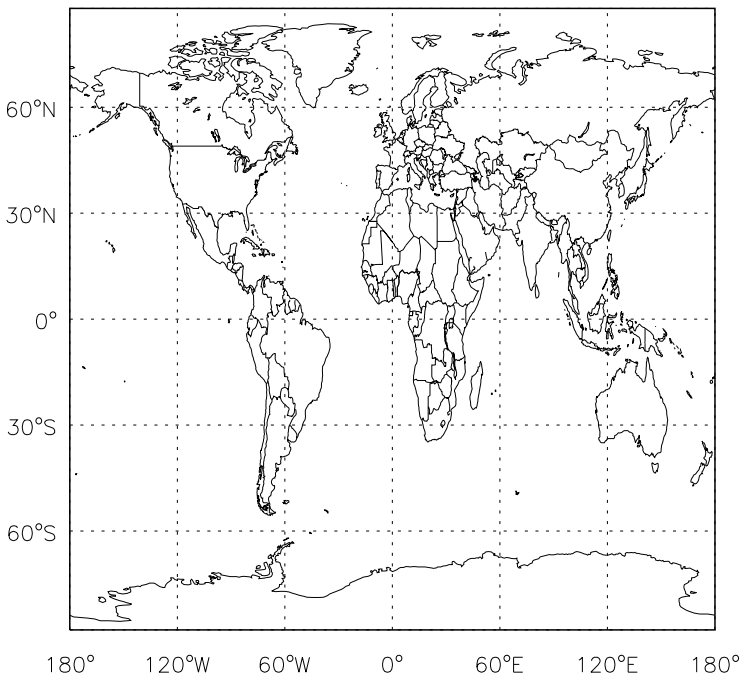
v11-01g-Run0 - v11-01f-geosfp-Run0

S04s- Diff @ 500 hPa for Apr



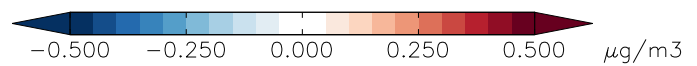
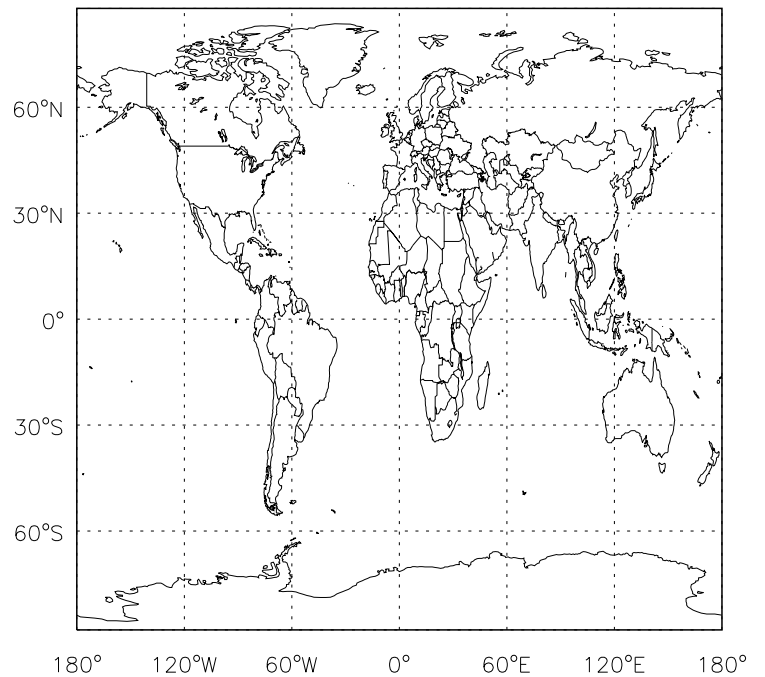
v11-01g-Run0 - v11-01d-Run1

S04s - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

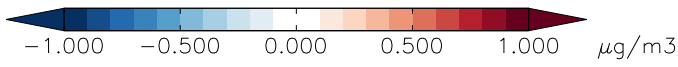
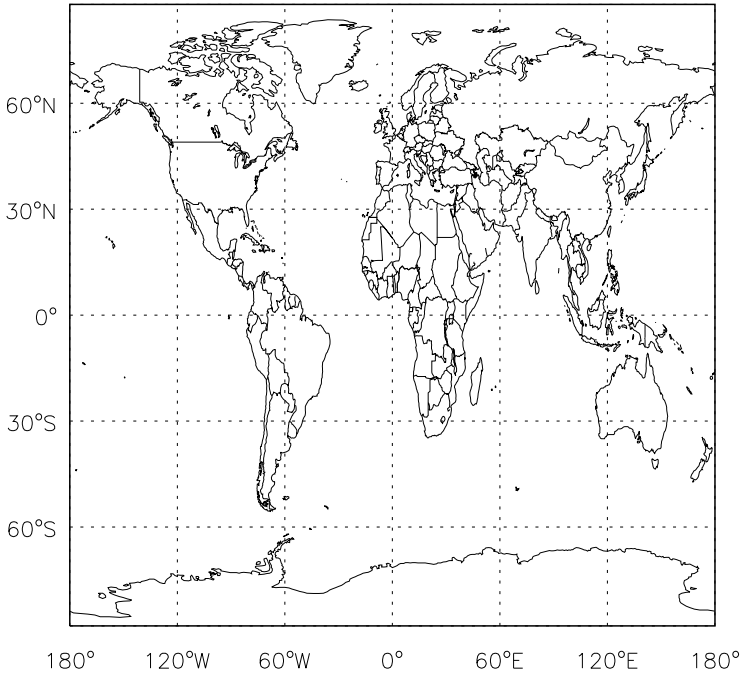
S04s- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

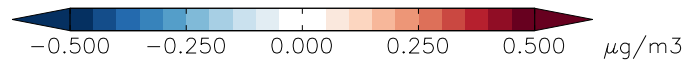
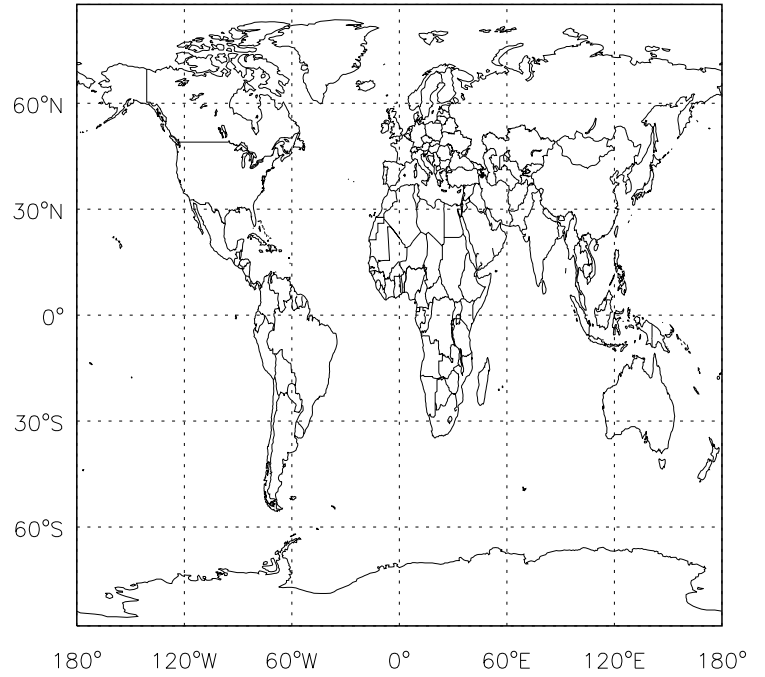
v11-01g-Run0 - v11-01f-geosfp-Run0

MSA - Diff @ Surface for Apr



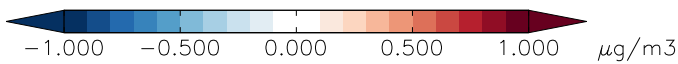
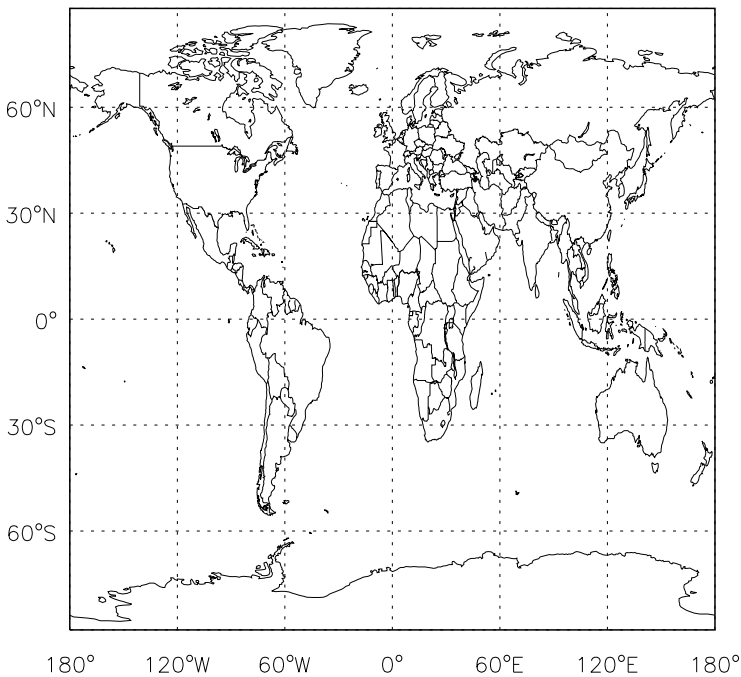
v11-01g-Run0 - v11-01f-geosfp-Run0

MSA - Diff @ 500 hPa for Apr



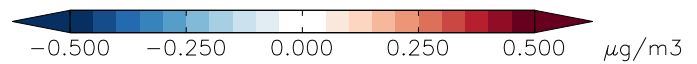
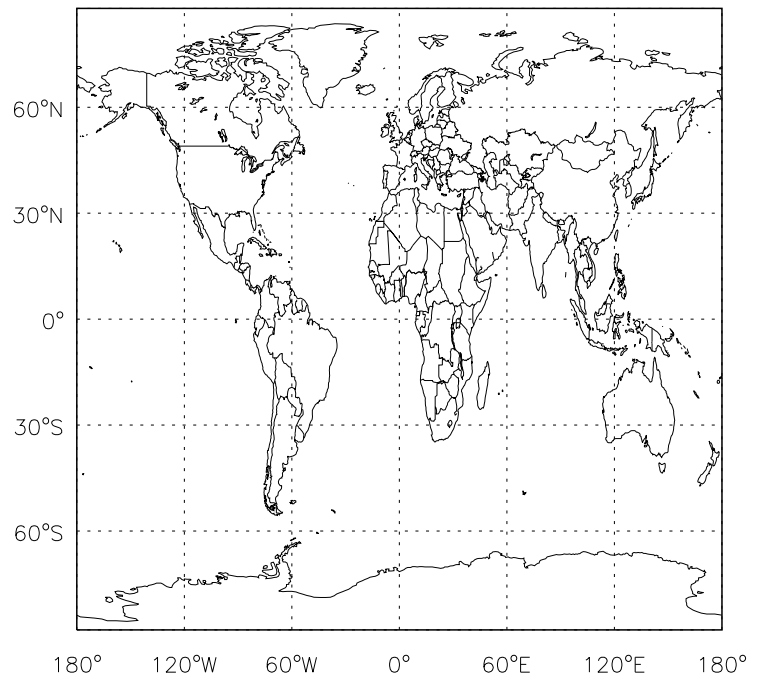
v11-01g-Run0 - v11-01d-Run1

MSA - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

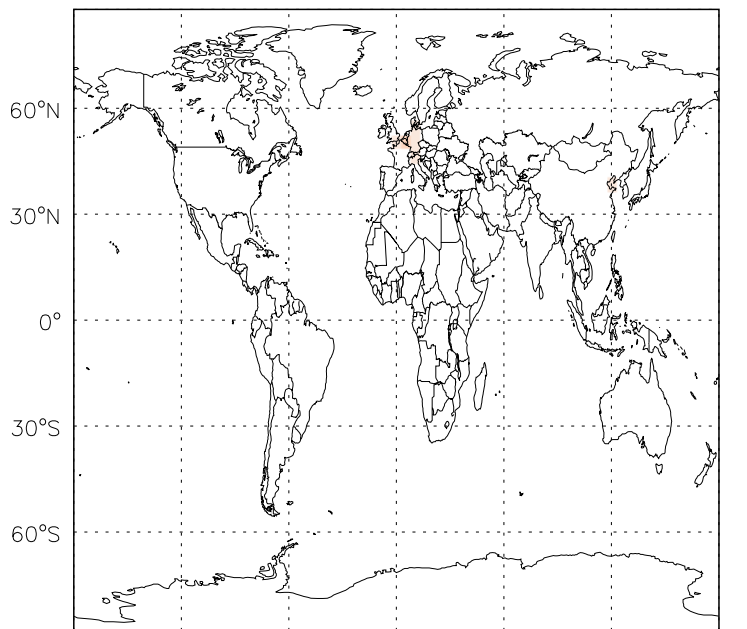
MSA - Diff @ 500 hPa for Apr



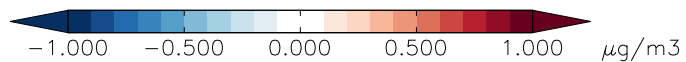
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

NH<sub>3</sub> - Diff @ Surface for Apr

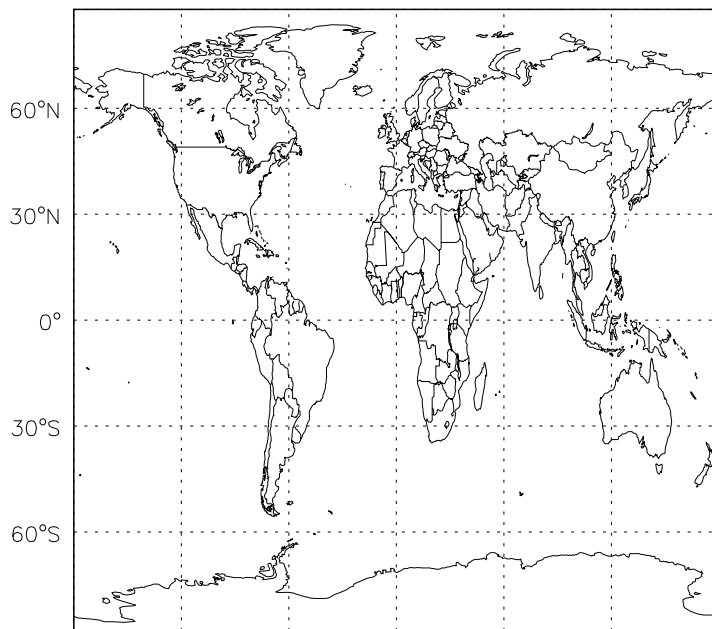


180° 120°W 60°W 0° 60°E 120°E 180°

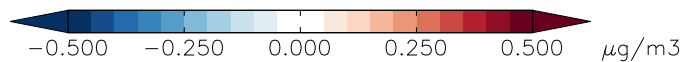


v11-01g-Run0 - v11-01f-geosfp-Run0

NH<sub>3</sub> - Diff @ 500 hPa for Apr

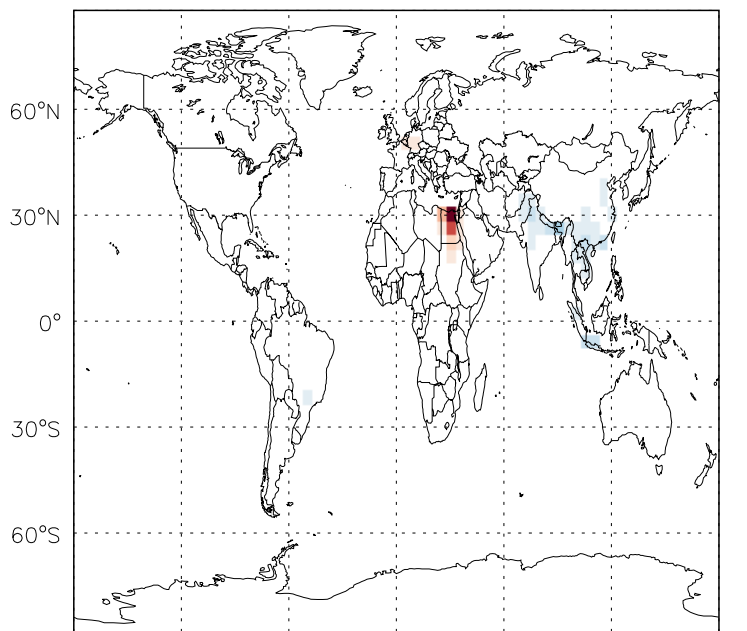


180° 120°W 60°W 0° 60°E 120°E 180°

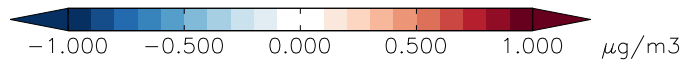


v11-01g-Run0 - v11-01d-Run1

NH<sub>3</sub> - Diff @ Surface for Apr

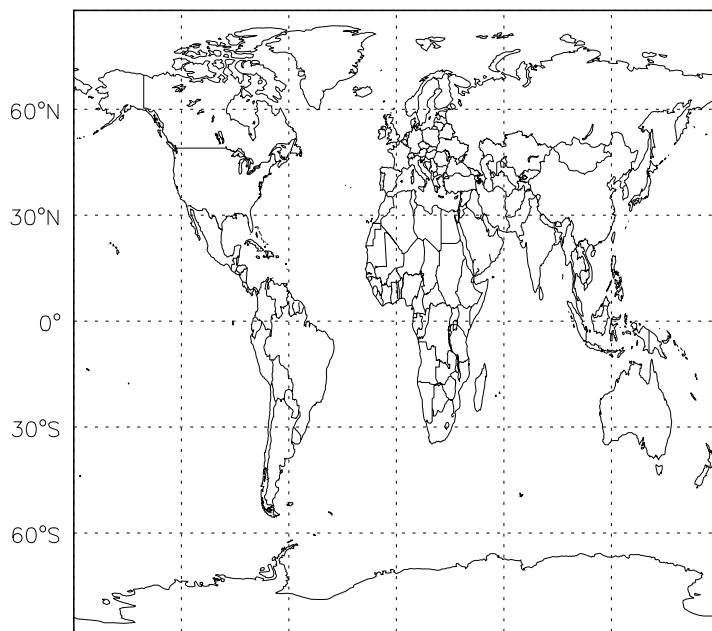


180° 120°W 60°W 0° 60°E 120°E 180°

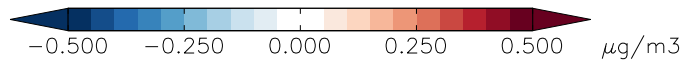


v11-01g-Run0 - v11-01d-Run1

NH<sub>3</sub> - Diff @ 500 hPa for Apr



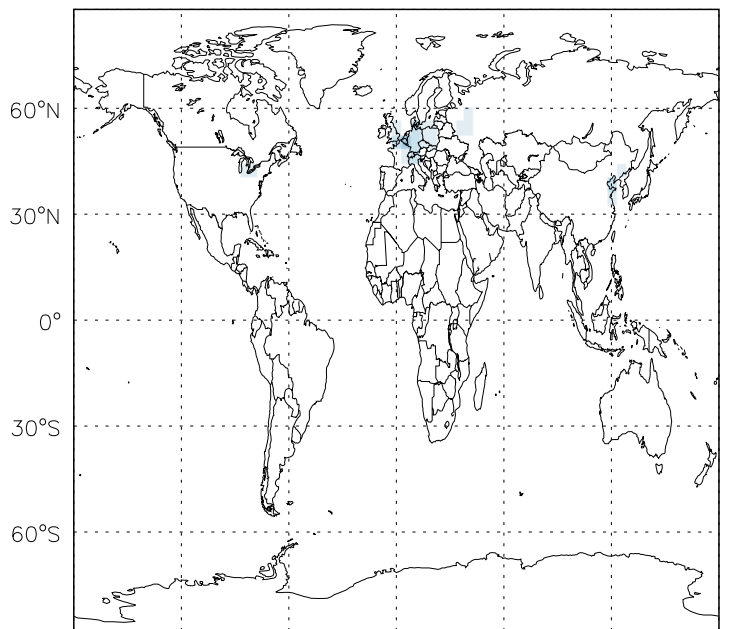
180° 120°W 60°W 0° 60°E 120°E 180°



# GEOS-Chem Difference Maps at surface and 500 hPa

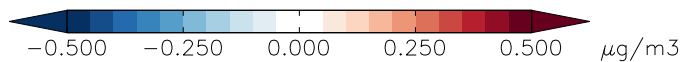
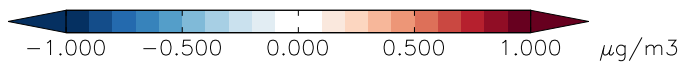
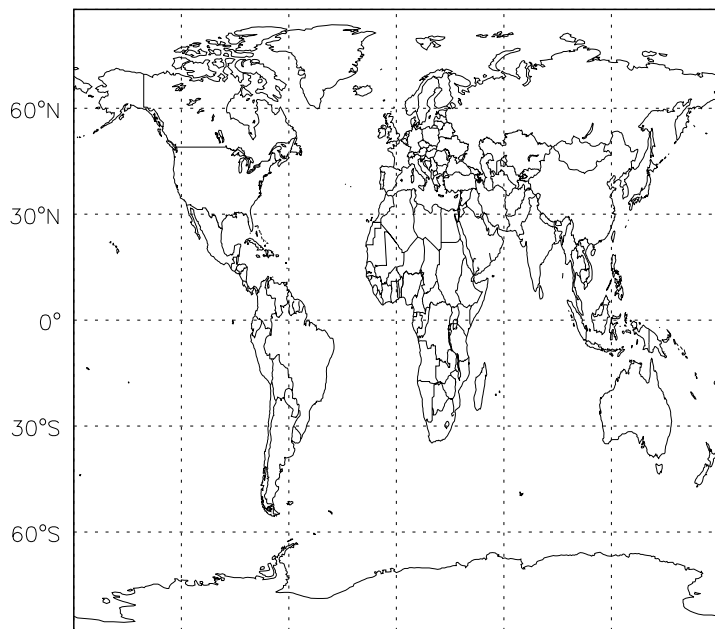
v11-01g-Run0 - v11-01f-geosfp-Run0

NH<sub>4</sub> - Diff @ Surface for Apr



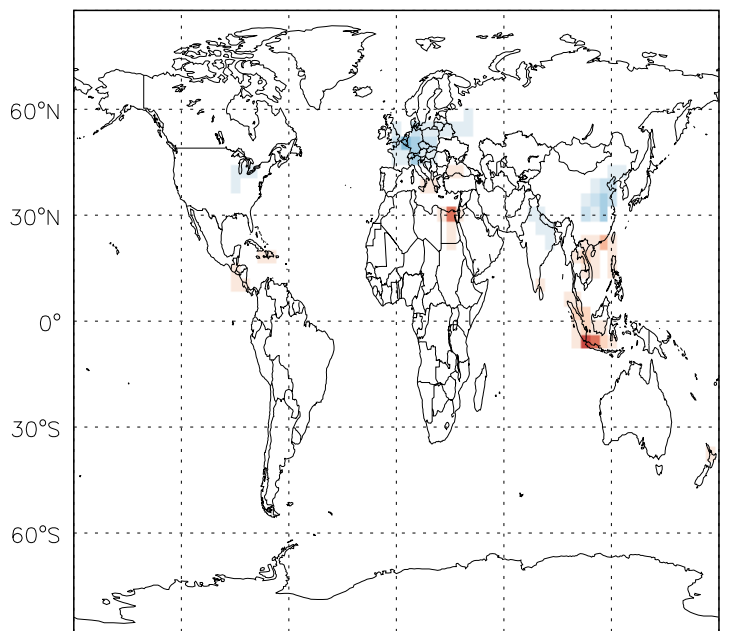
v11-01g-Run0 - v11-01f-geosfp-Run0

NH<sub>4</sub> - Diff @ 500 hPa for Apr



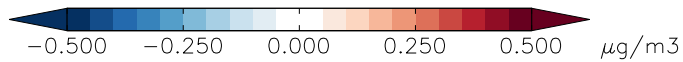
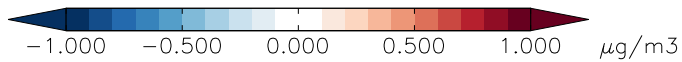
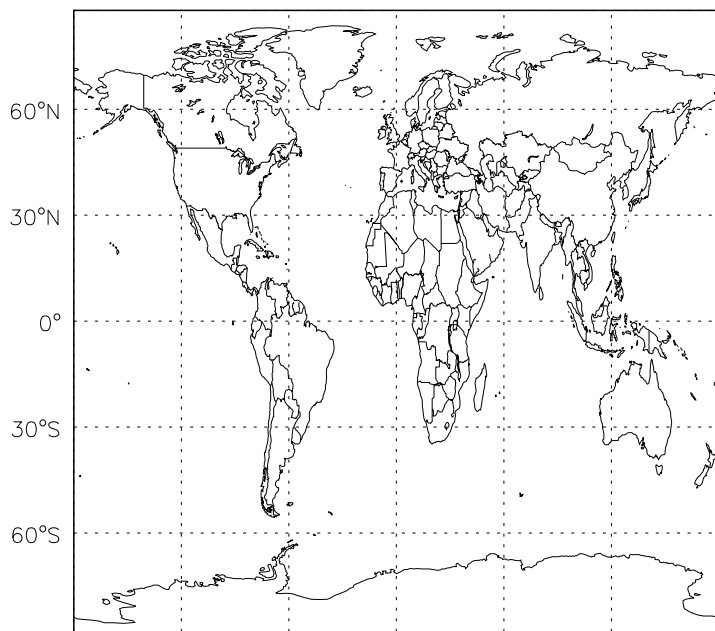
v11-01g-Run0 - v11-01d-Run1

NH<sub>4</sub> - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

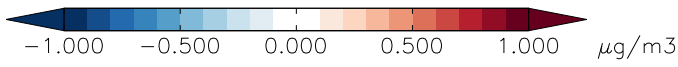
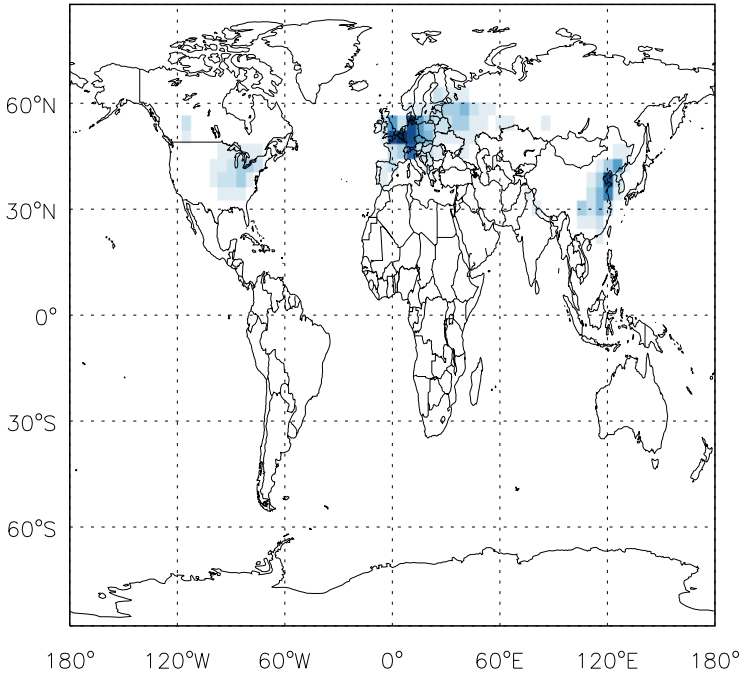
NH<sub>4</sub> - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

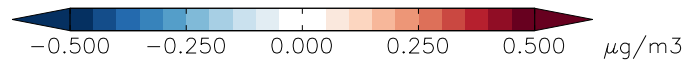
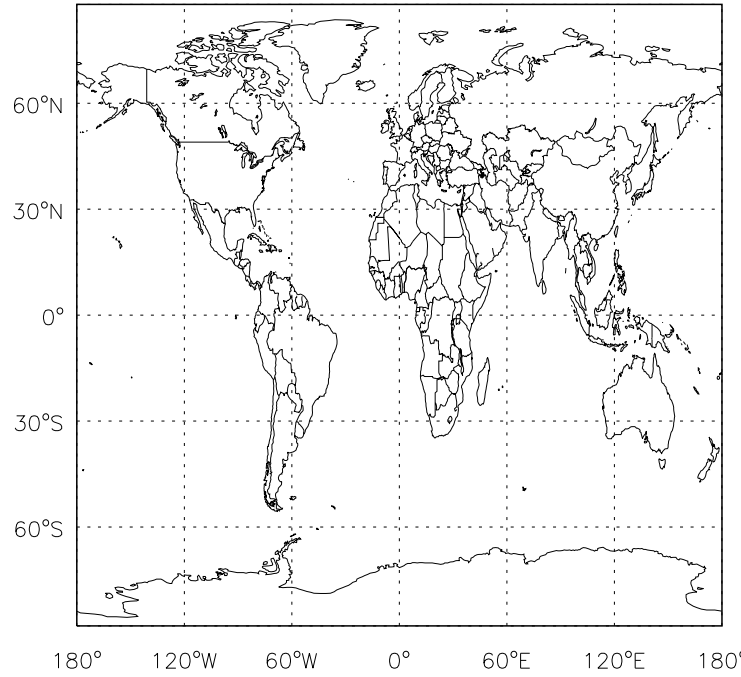
v11-01g-Run0 - v11-01f-geosfp-Run0

NIT - Diff @ Surface for Apr



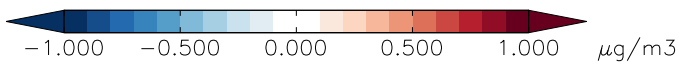
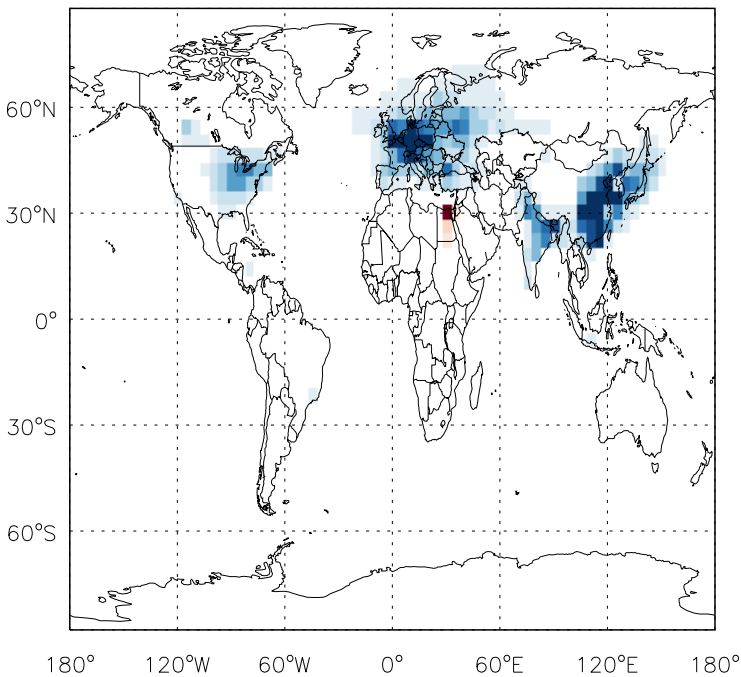
v11-01g-Run0 - v11-01f-geosfp-Run0

NIT- Diff @ 500 hPa for Apr



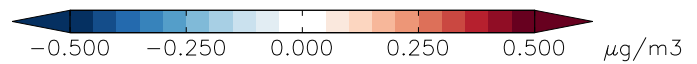
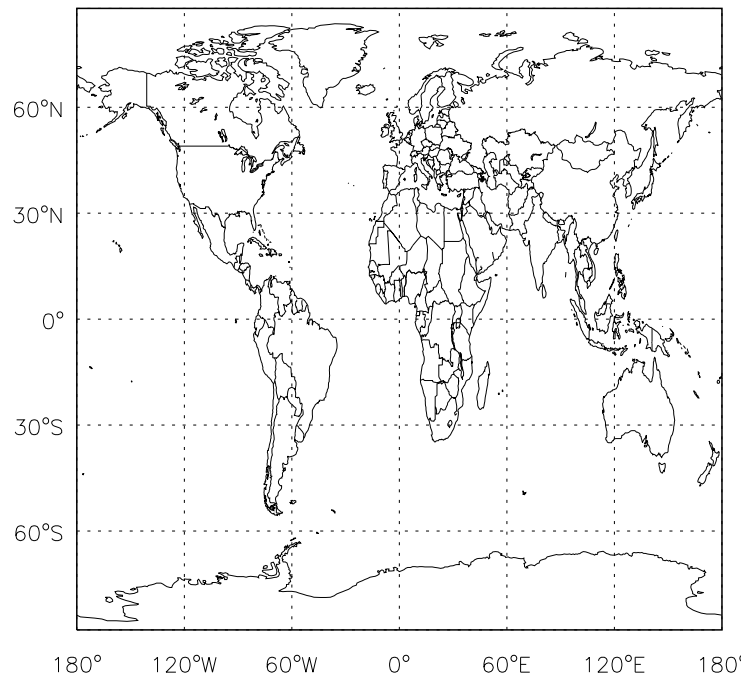
v11-01g-Run0 - v11-01d-Run1

NIT - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

NIT- Diff @ 500 hPa for Apr

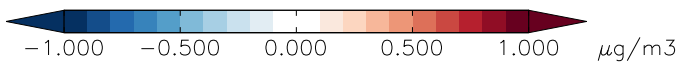
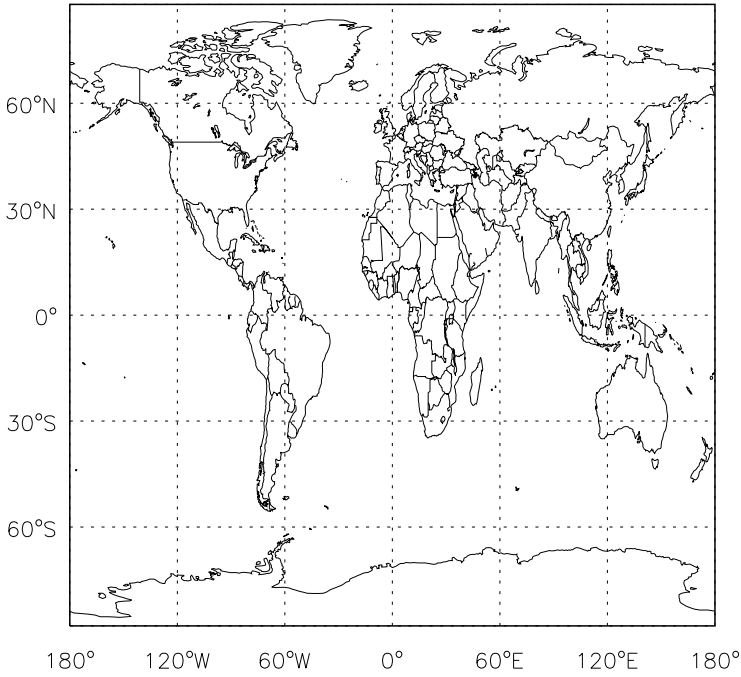




GEOS-Chem Difference Maps at surface and 500 hPa

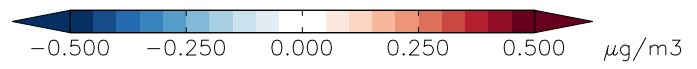
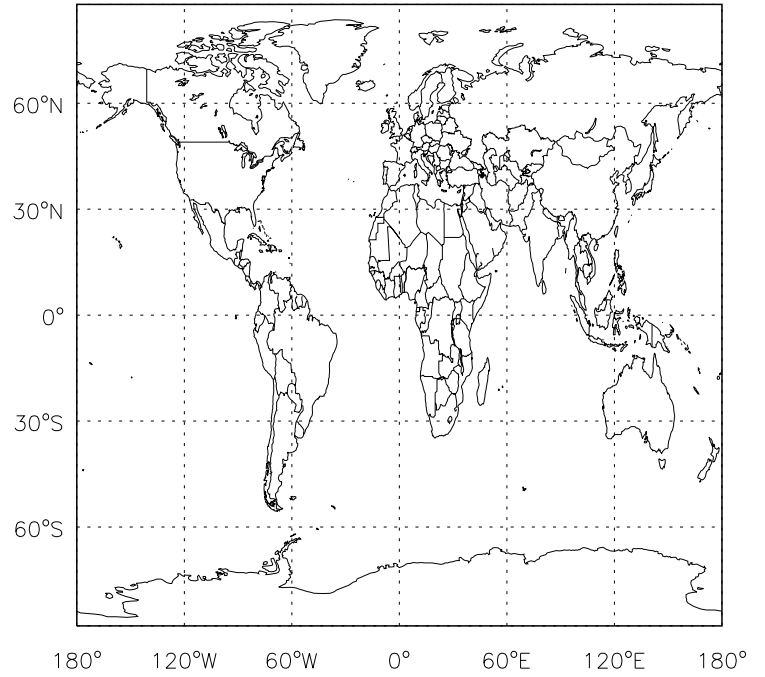
v11-01g-Run0 - v11-01f-geosfp-Run0

NITs - Diff @ Surface for Apr



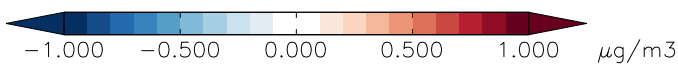
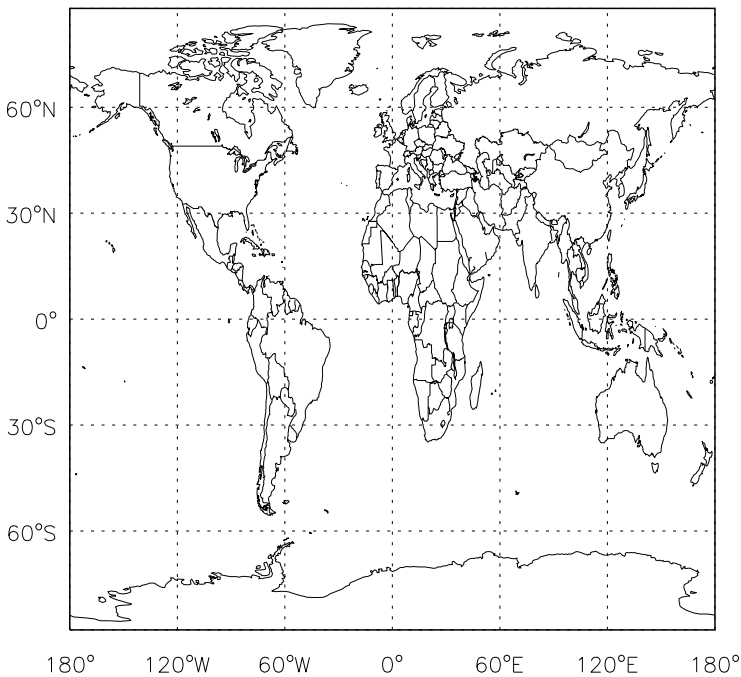
v11-01g-Run0 - v11-01f-geosfp-Run0

NITs- Diff @ 500 hPa for Apr



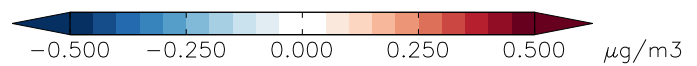
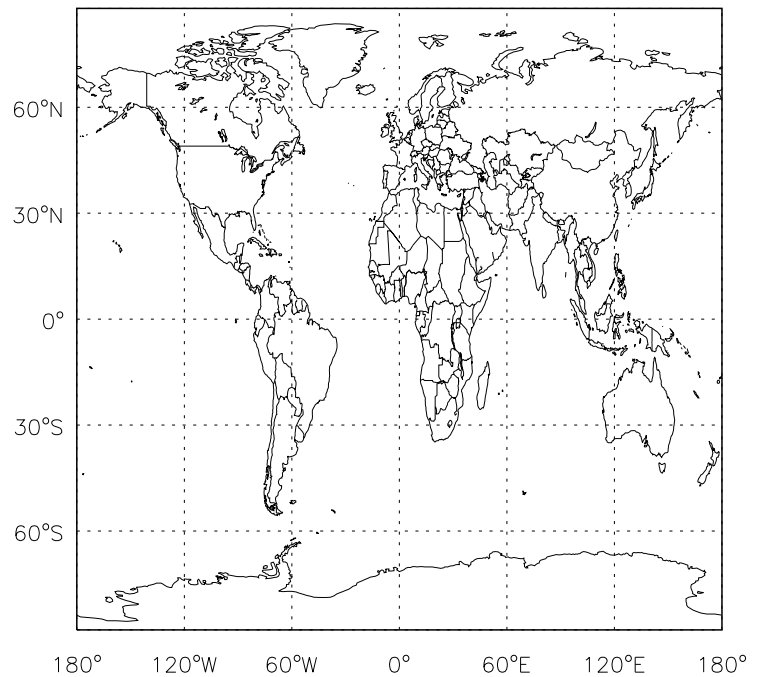
v11-01g-Run0 - v11-01d-Run1

NITs - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

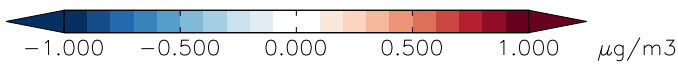
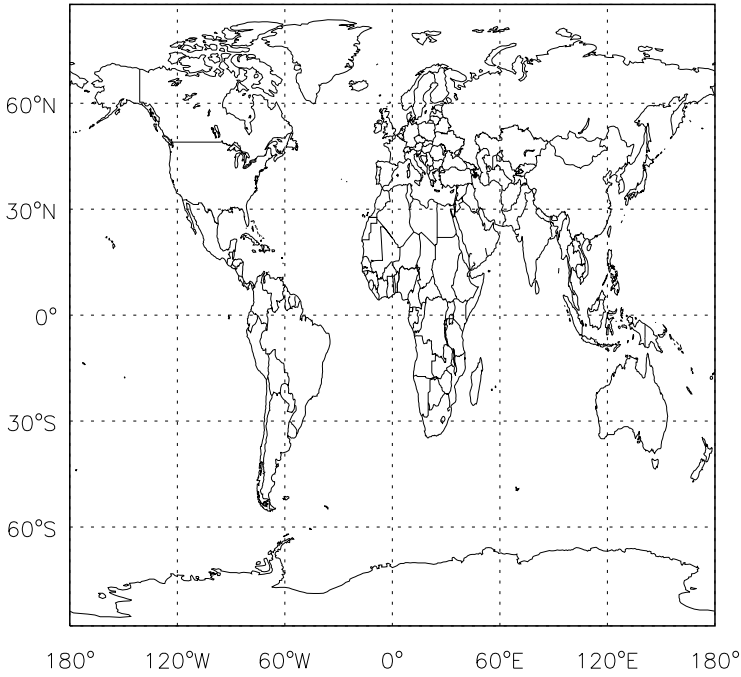
NITs- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

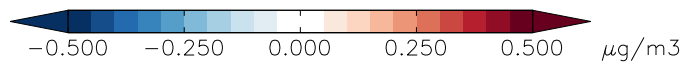
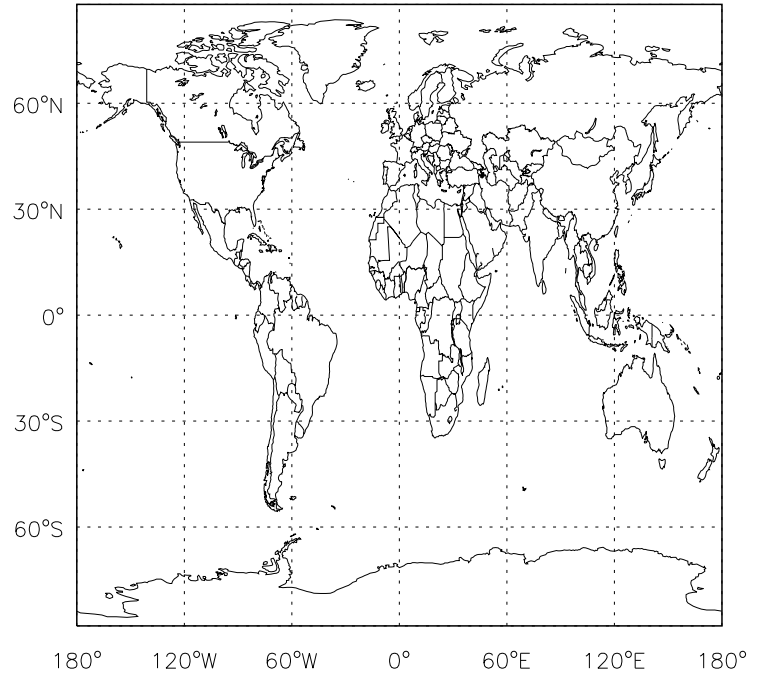
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPI - Diff @ Surface for Apr



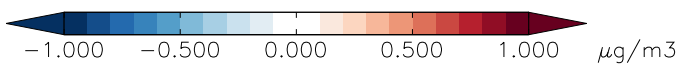
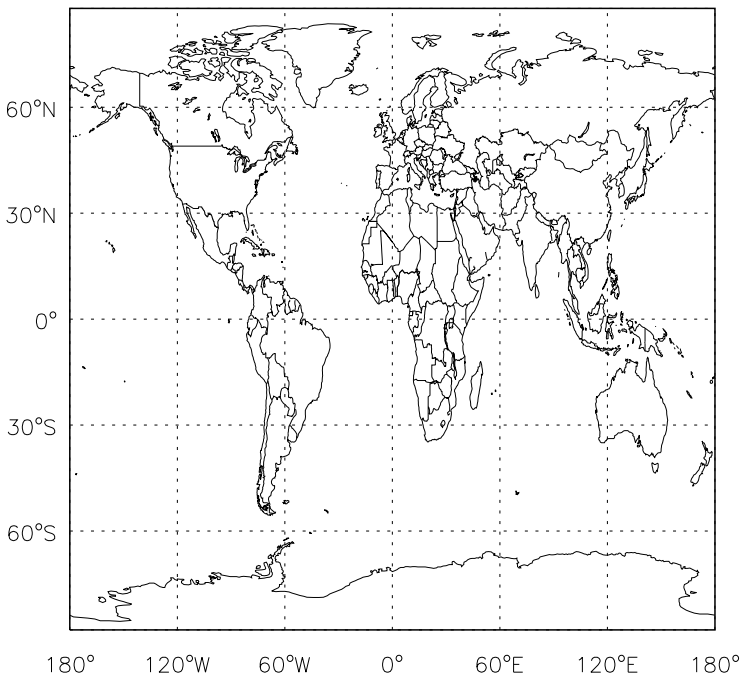
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPI- Diff @ 500 hPa for Apr



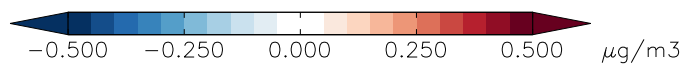
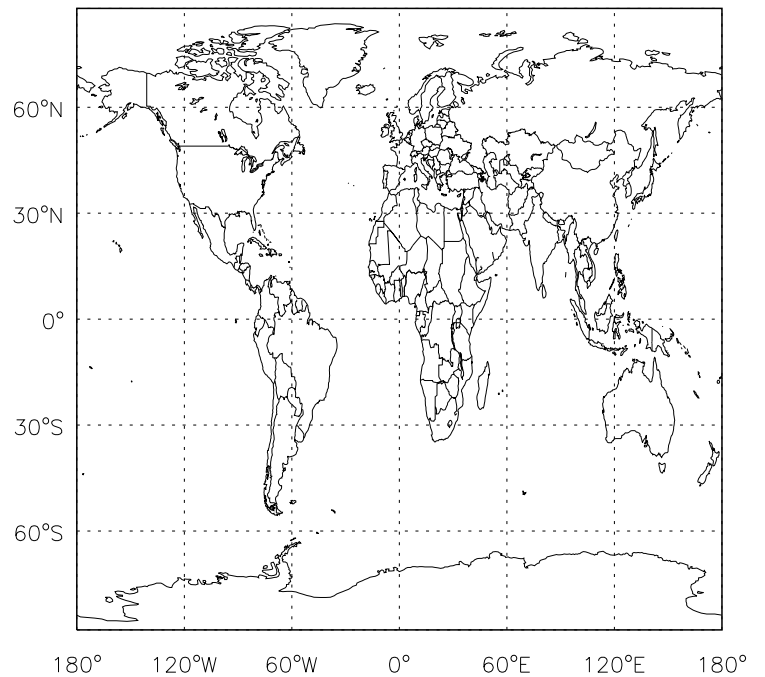
v11-01g-Run0 - v11-01d-Run1

BCPI - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

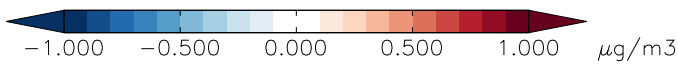
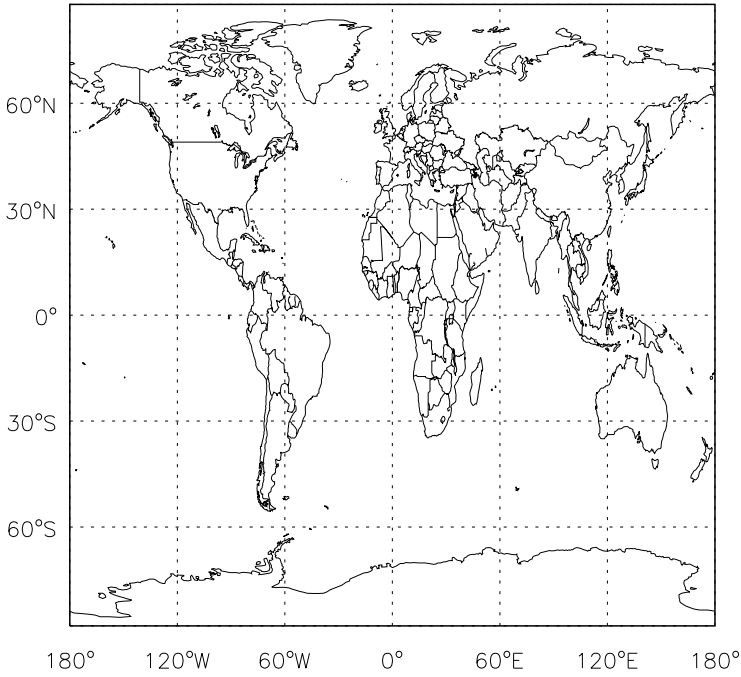
BCPI- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

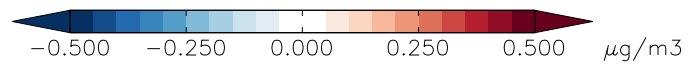
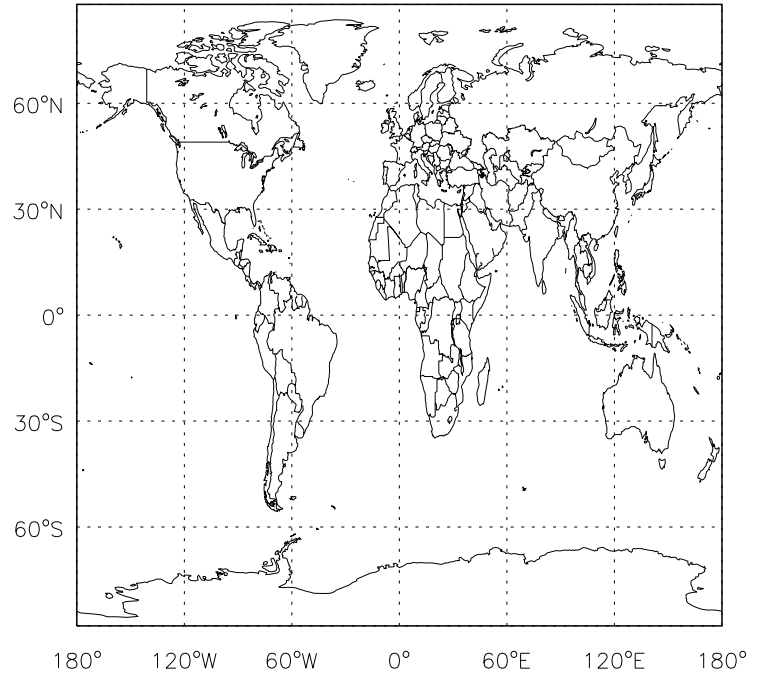
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPI - Diff @ Surface for Apr



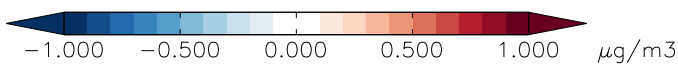
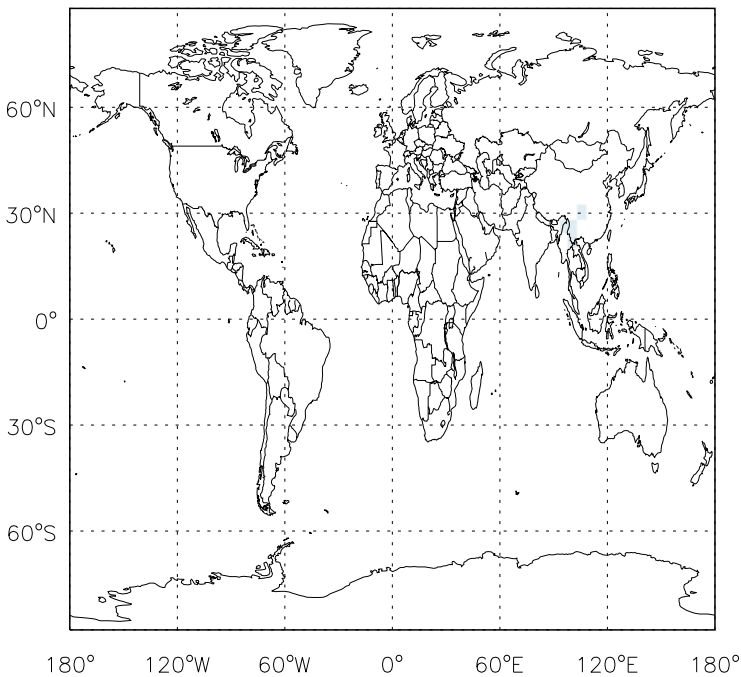
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPI- Diff @ 500 hPa for Apr



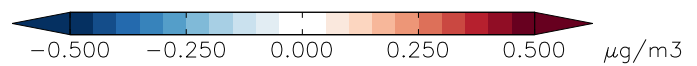
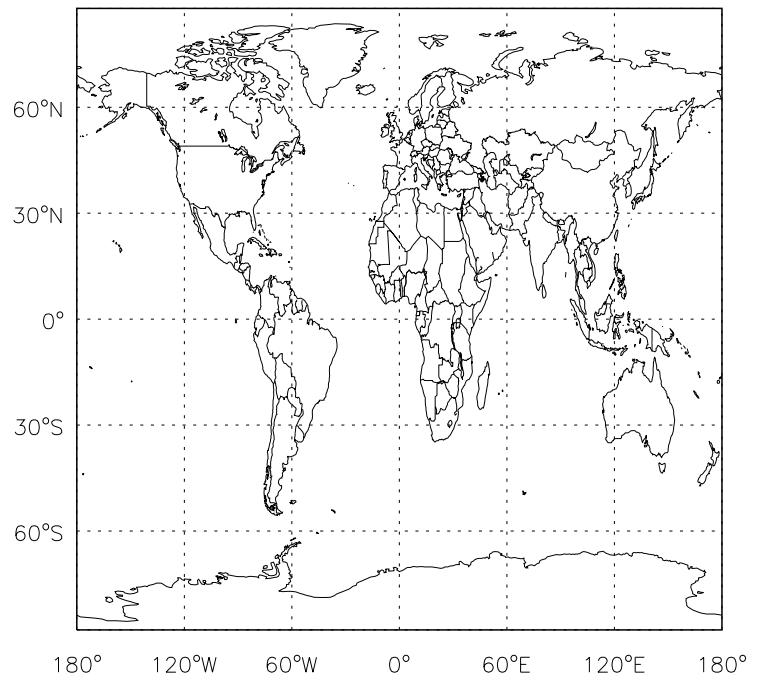
v11-01g-Run0 - v11-01d-Run1

OCPI - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

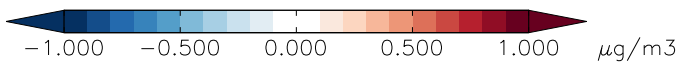
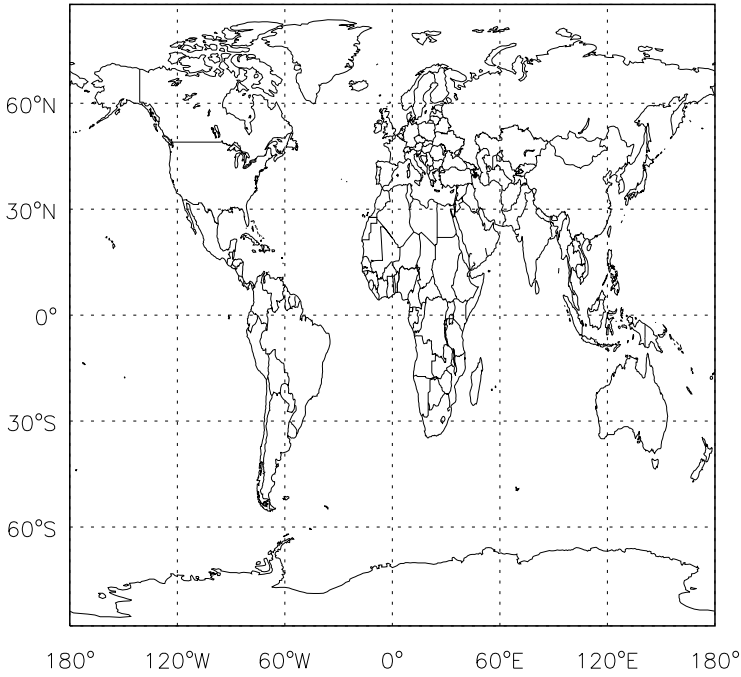
OCPI- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

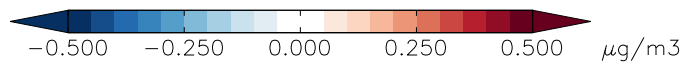
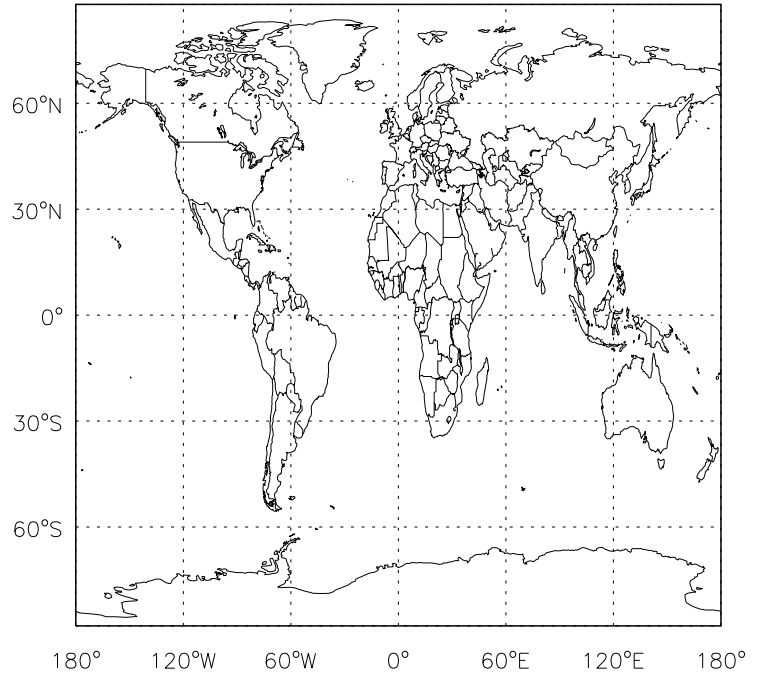
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPO - Diff @ Surface for Apr



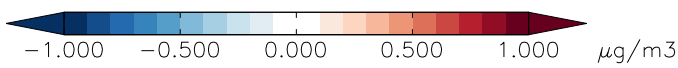
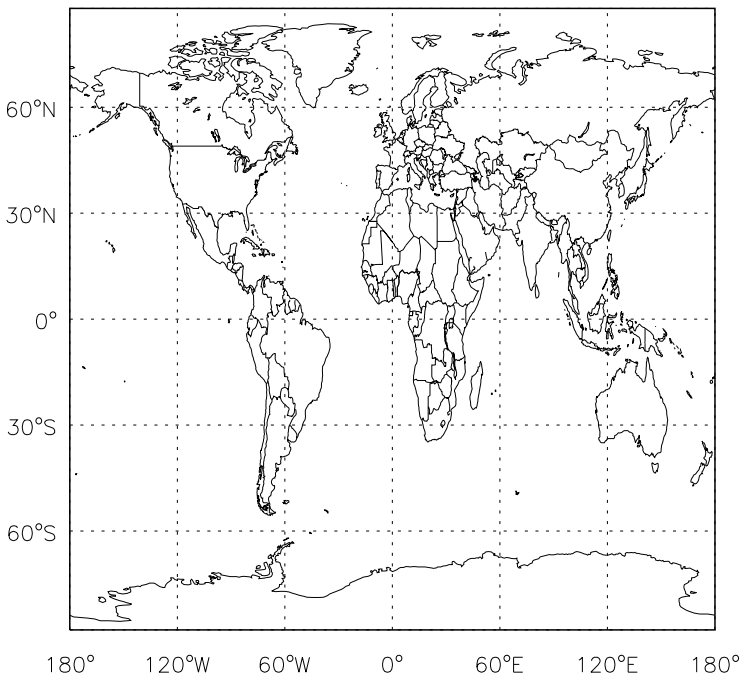
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPO- Diff @ 500 hPa for Apr



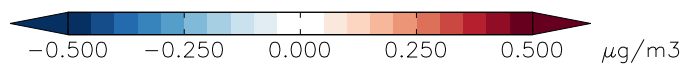
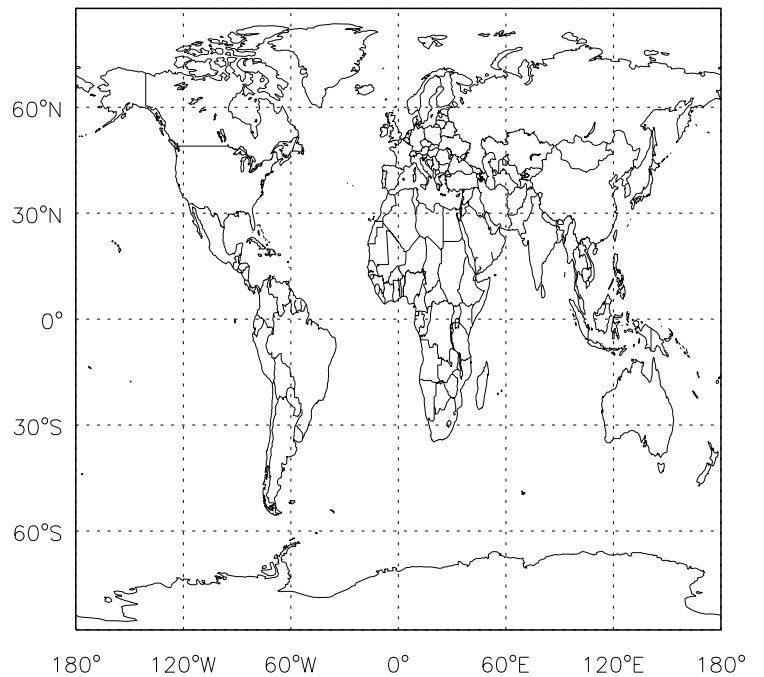
v11-01g-Run0 - v11-01d-Run1

BCPO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

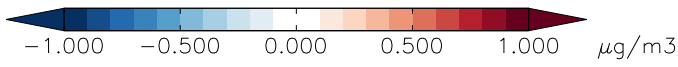
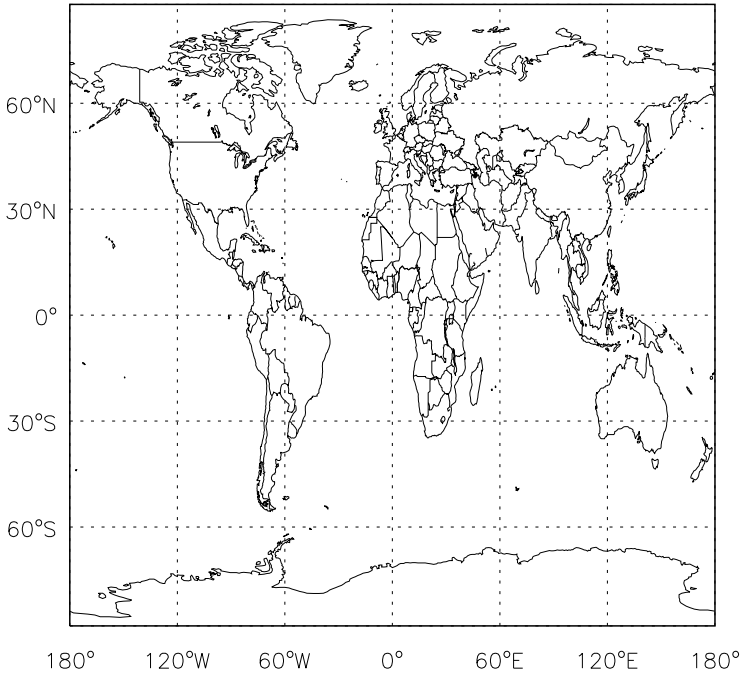
BCPO- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

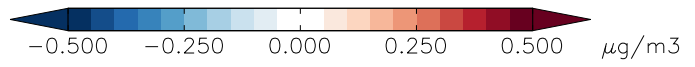
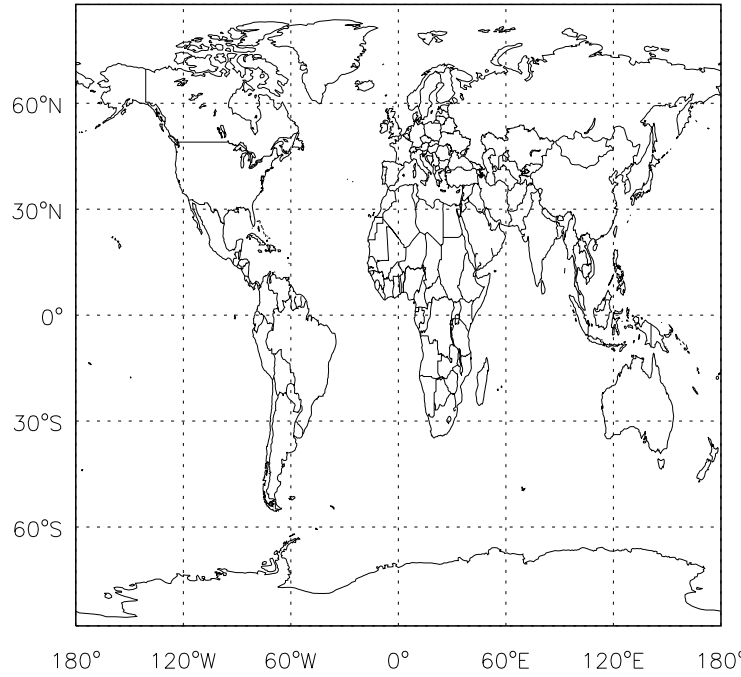
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPO - Diff @ Surface for Apr



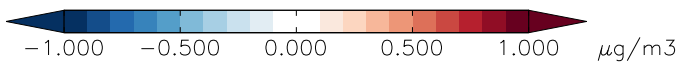
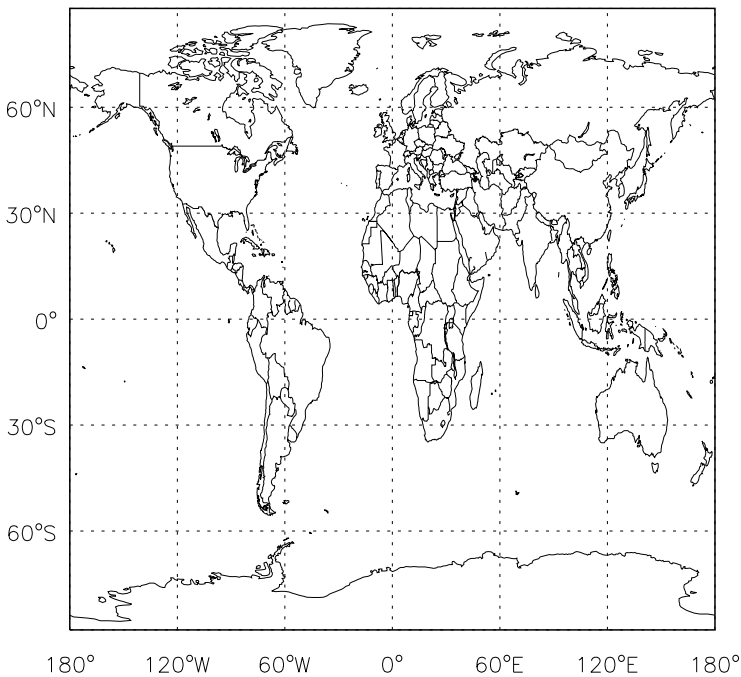
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPO- Diff @ 500 hPa for Apr



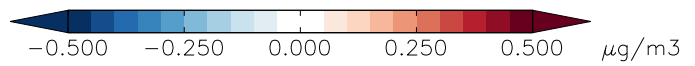
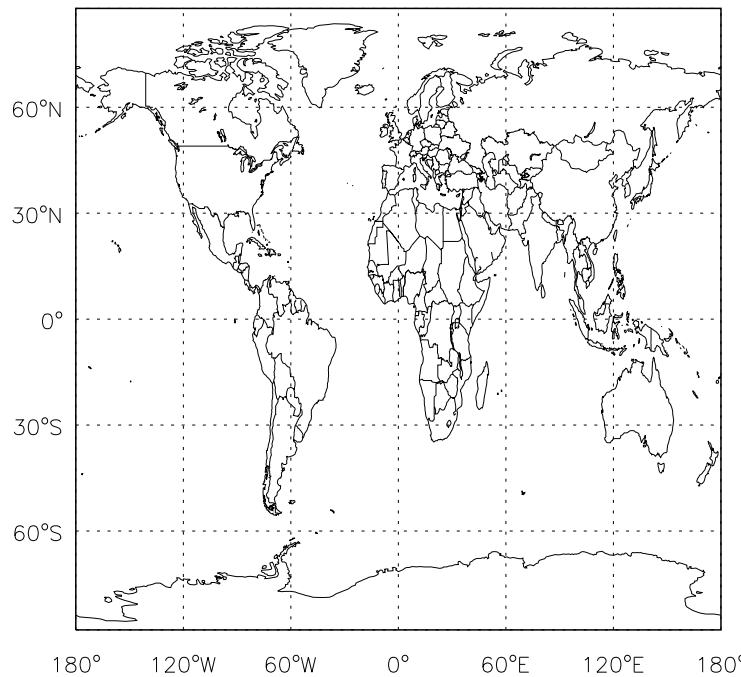
v11-01g-Run0 - v11-01d-Run1

OCPO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

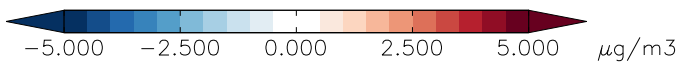
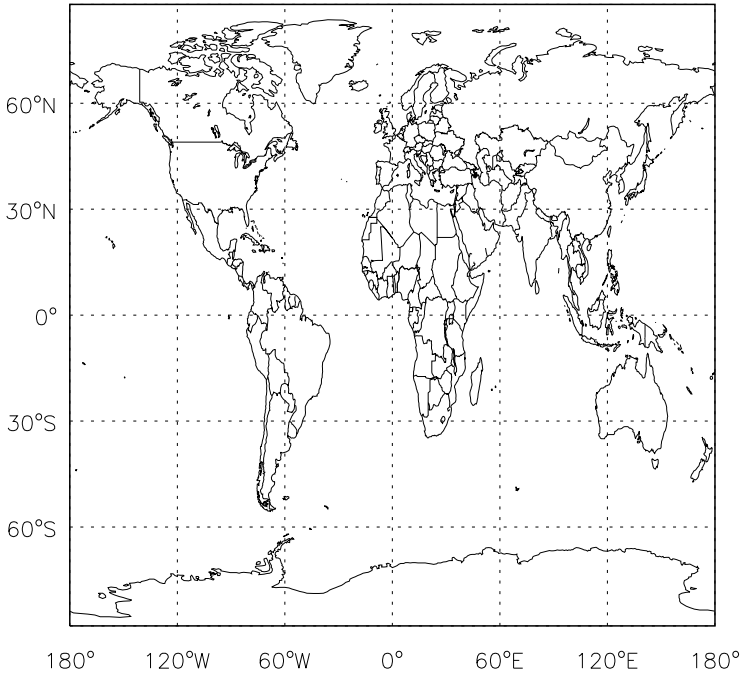
OCPO- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

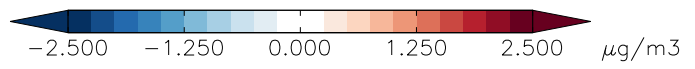
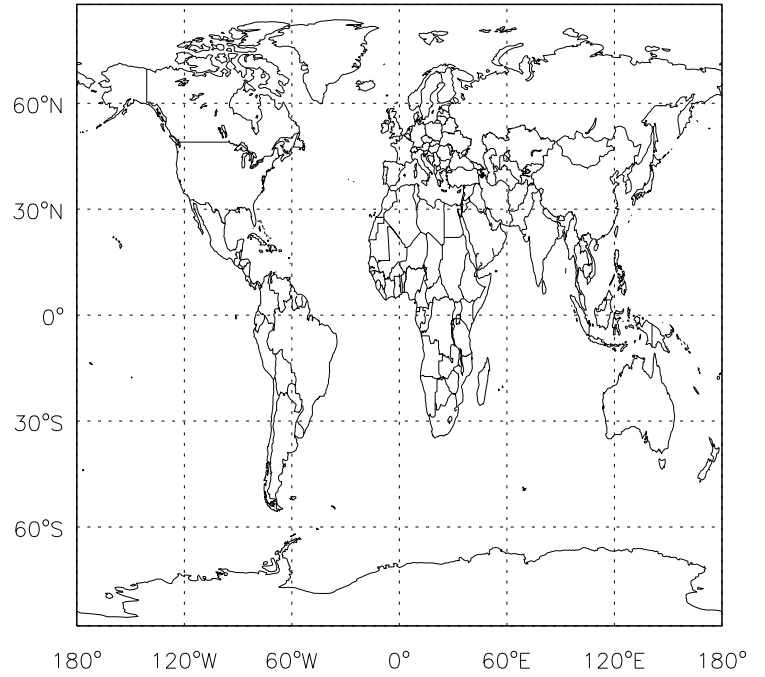
v11-01g-Run0 - v11-01f-geosfp-Run0

DST1 - Diff @ Surface for Apr



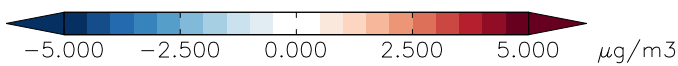
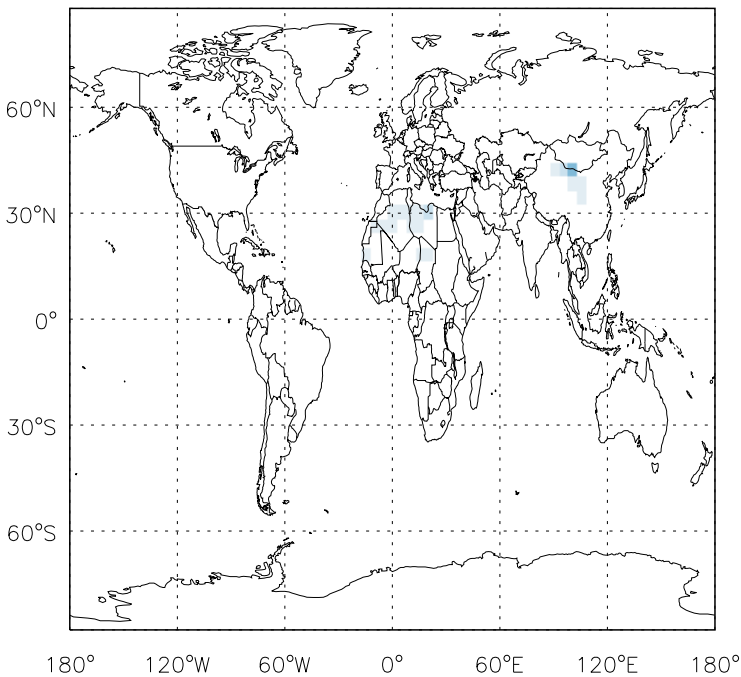
v11-01g-Run0 - v11-01f-geosfp-Run0

DST1 - Diff @ 500 hPa for Apr



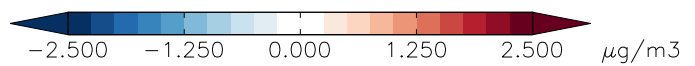
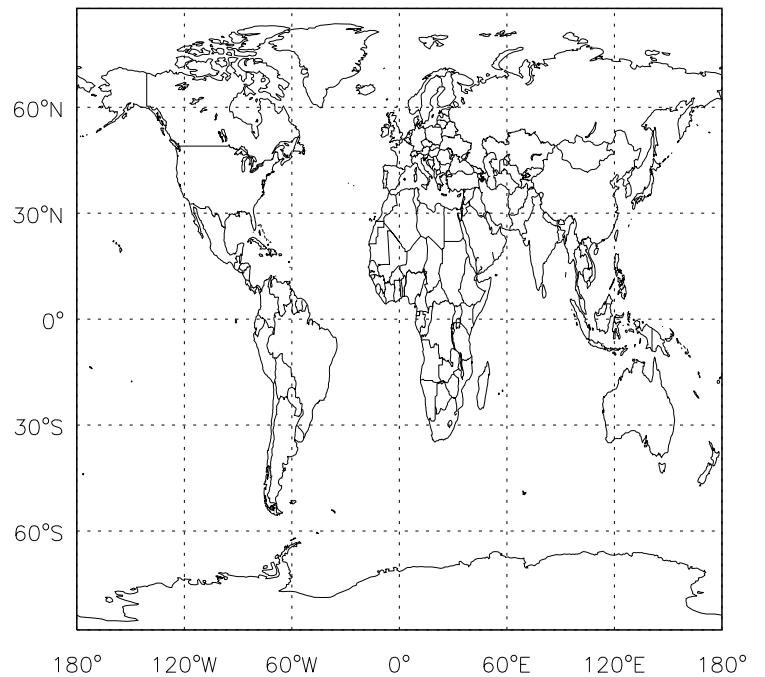
v11-01g-Run0 - v11-01d-Run1

DST1 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

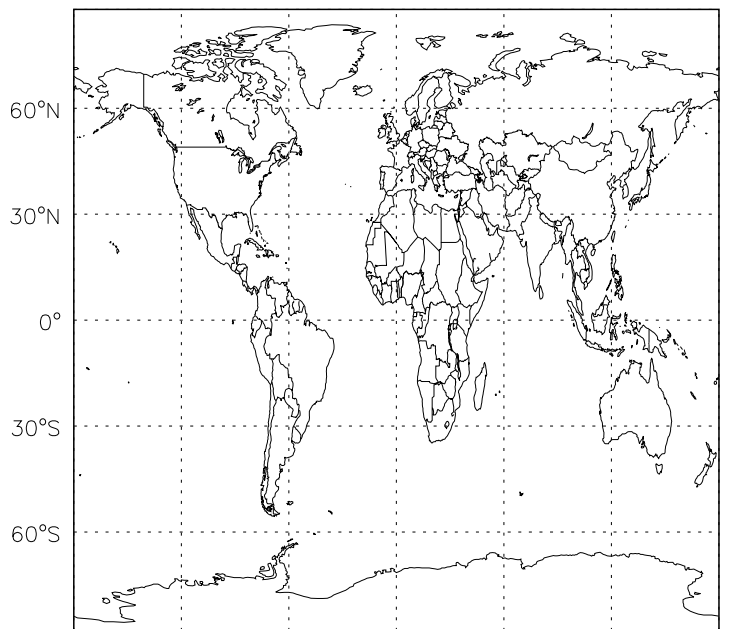
DST1 - Diff @ 500 hPa for Apr



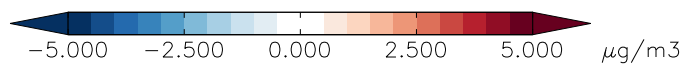
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

DST2 - Diff @ Surface for Apr

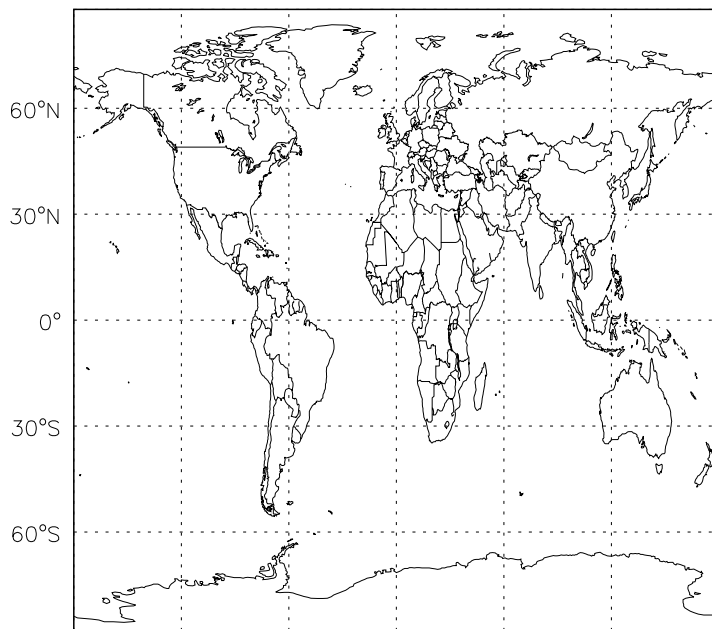


180° 120°W 60°W 0° 60°E 120°E 180°

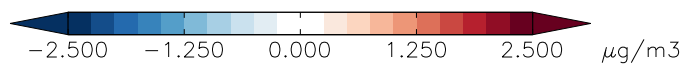


v11-01g-Run0 - v11-01f-geosfp-Run0

DST2- Diff @ 500 hPa for Apr

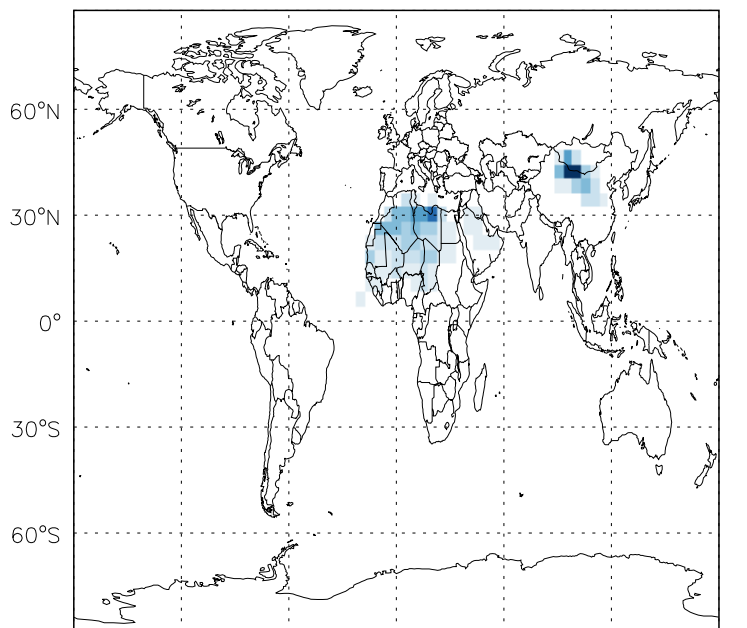


180° 120°W 60°W 0° 60°E 120°E 180°

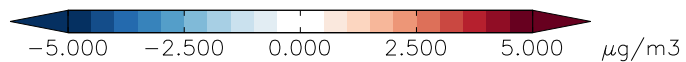


v11-01g-Run0 - v11-01d-Run1

DST2 - Diff @ Surface for Apr

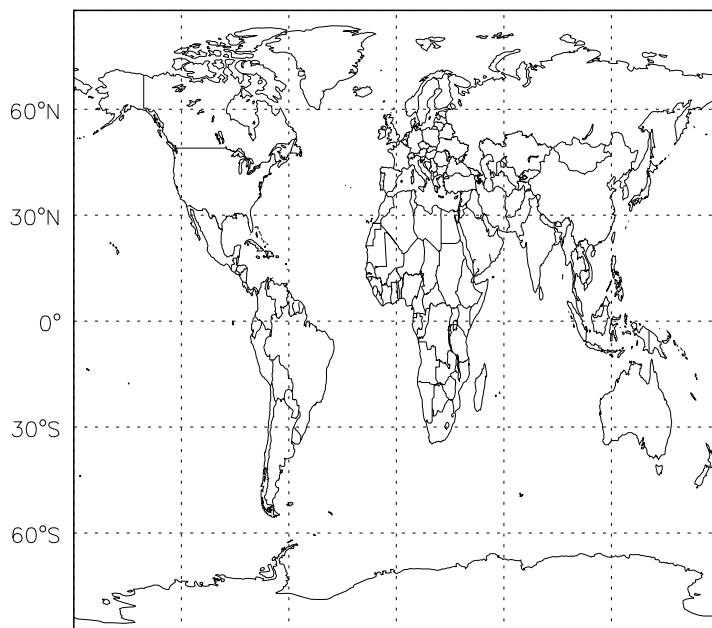


180° 120°W 60°W 0° 60°E 120°E 180°

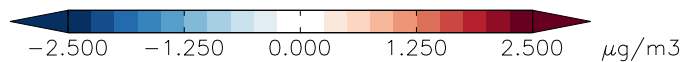


v11-01g-Run0 - v11-01d-Run1

DST2- Diff @ 500 hPa for Apr



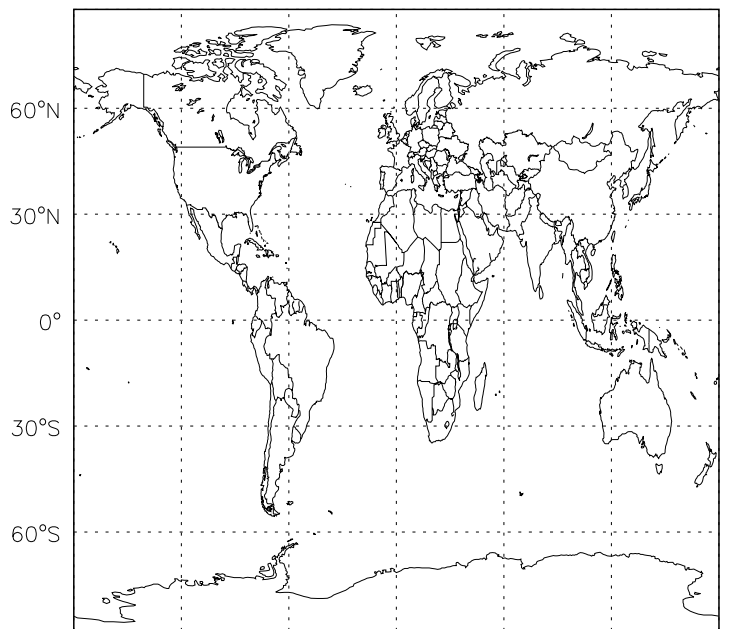
180° 120°W 60°W 0° 60°E 120°E 180°



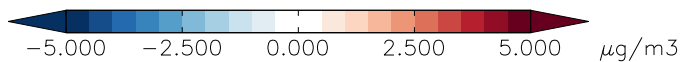
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

DST3 - Diff @ Surface for Apr

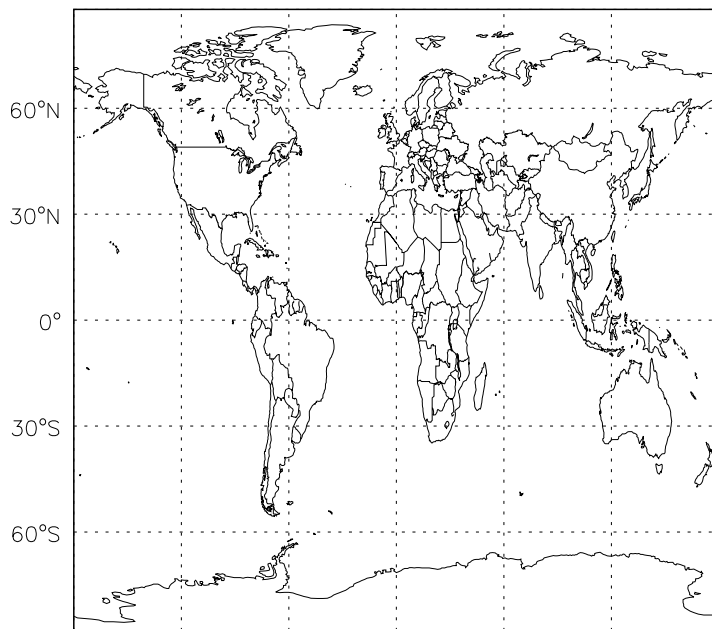


180° 120°W 60°W 0° 60°E 120°E 180°

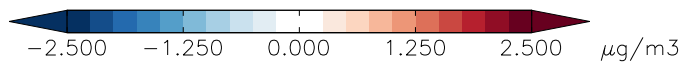


v11-01g-Run0 - v11-01f-geosfp-Run0

DST3- Diff @ 500 hPa for Apr

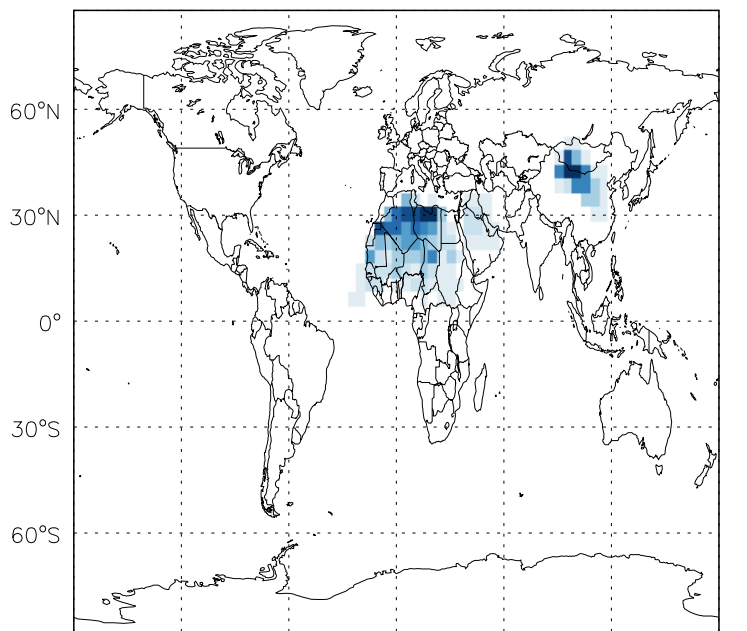


180° 120°W 60°W 0° 60°E 120°E 180°

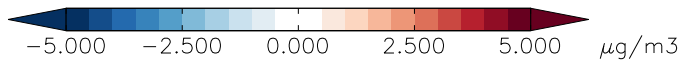


v11-01g-Run0 - v11-01d-Run1

DST3 - Diff @ Surface for Apr

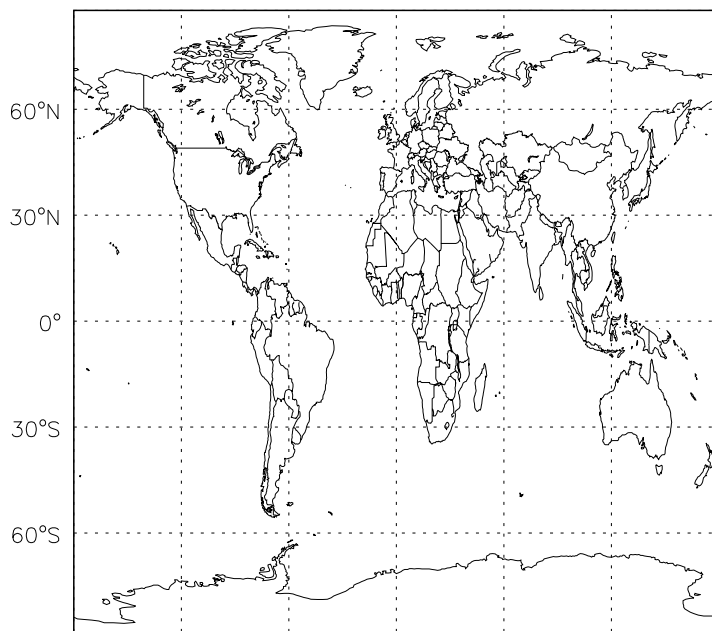


180° 120°W 60°W 0° 60°E 120°E 180°

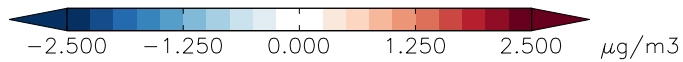


v11-01g-Run0 - v11-01d-Run1

DST3- Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

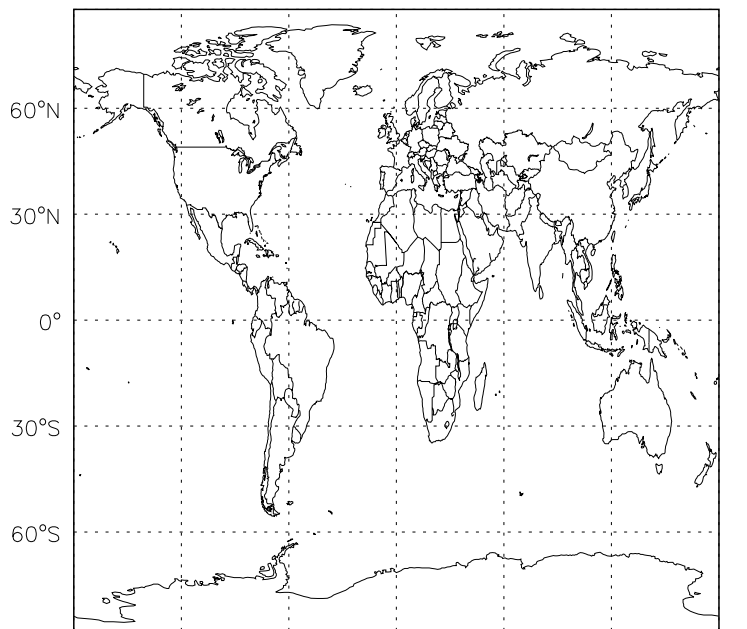




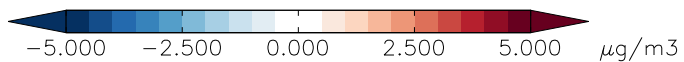
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

DST4 - Diff @ Surface for Apr

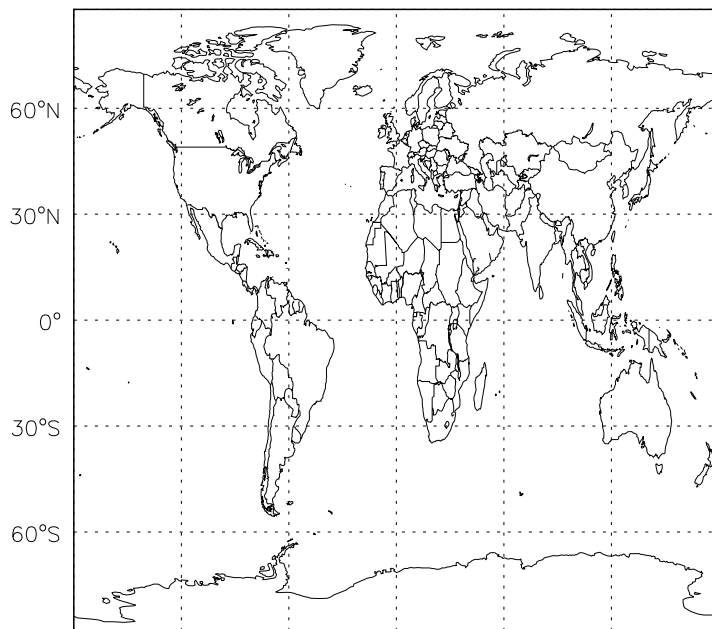


180° 120°W 60°W 0° 60°E 120°E 180°

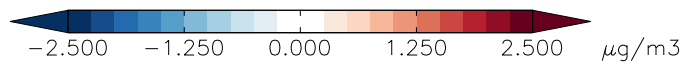


v11-01g-Run0 - v11-01f-geosfp-Run0

DST4- Diff @ 500 hPa for Apr

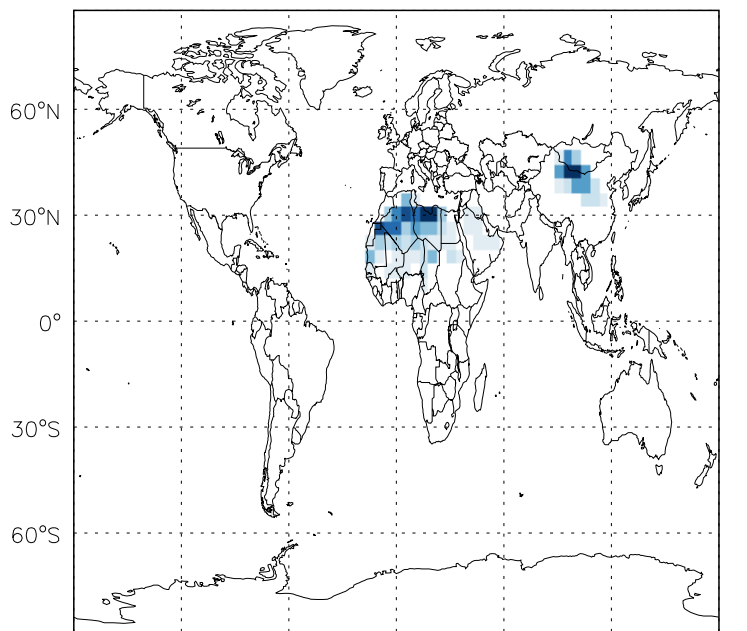


180° 120°W 60°W 0° 60°E 120°E 180°

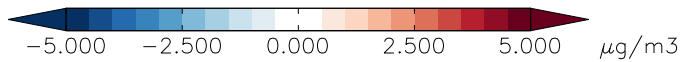


v11-01g-Run0 - v11-01d-Run1

DST4 - Diff @ Surface for Apr

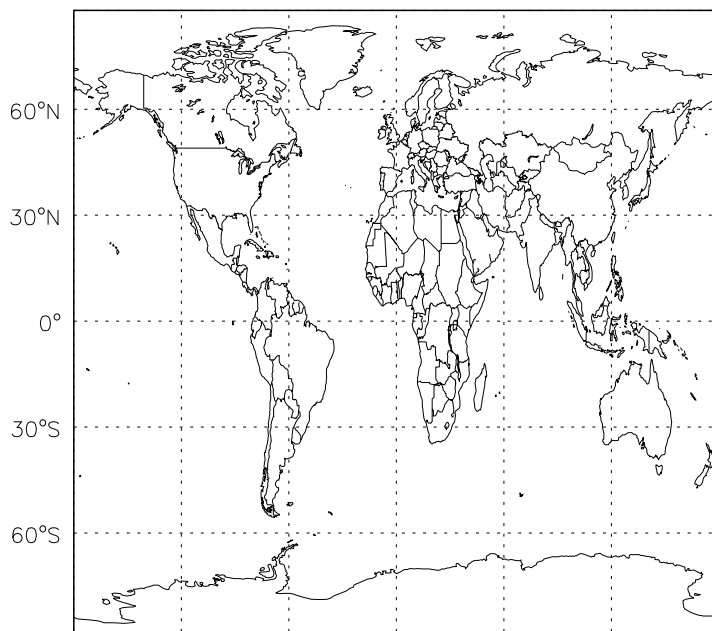


180° 120°W 60°W 0° 60°E 120°E 180°

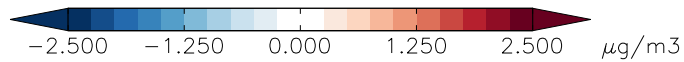


v11-01g-Run0 - v11-01d-Run1

DST4- Diff @ 500 hPa for Apr



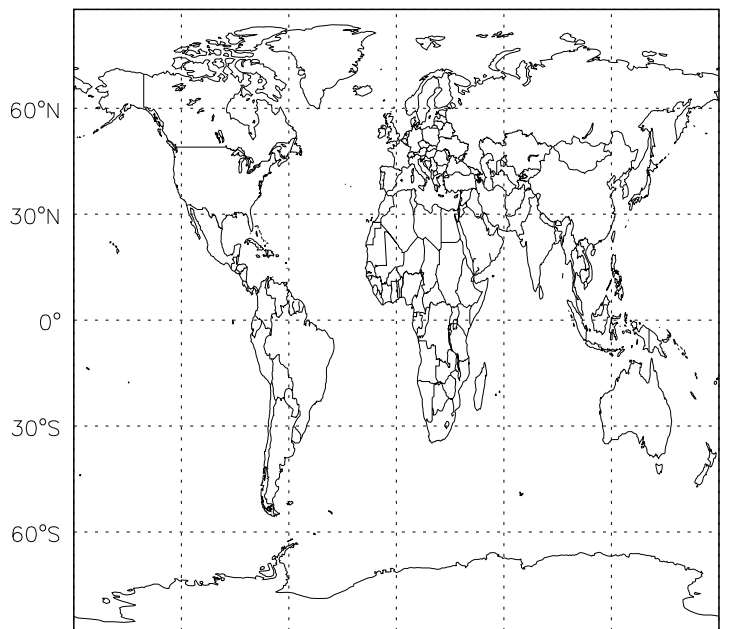
180° 120°W 60°W 0° 60°E 120°E 180°



# GEOS-Chem Difference Maps at surface and 500 hPa

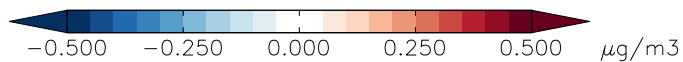
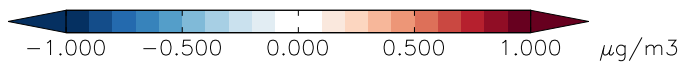
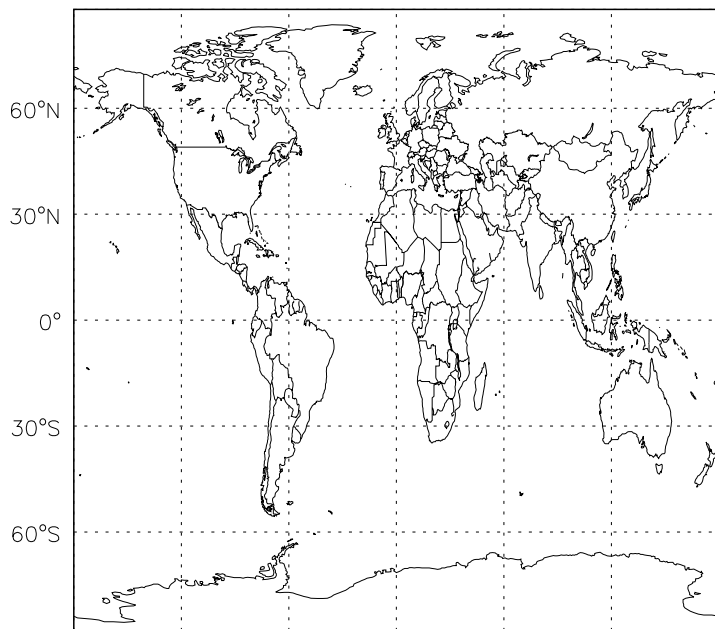
v11-01g-Run0 - v11-01f-geosfp-Run0

SALA - Diff @ Surface for Apr



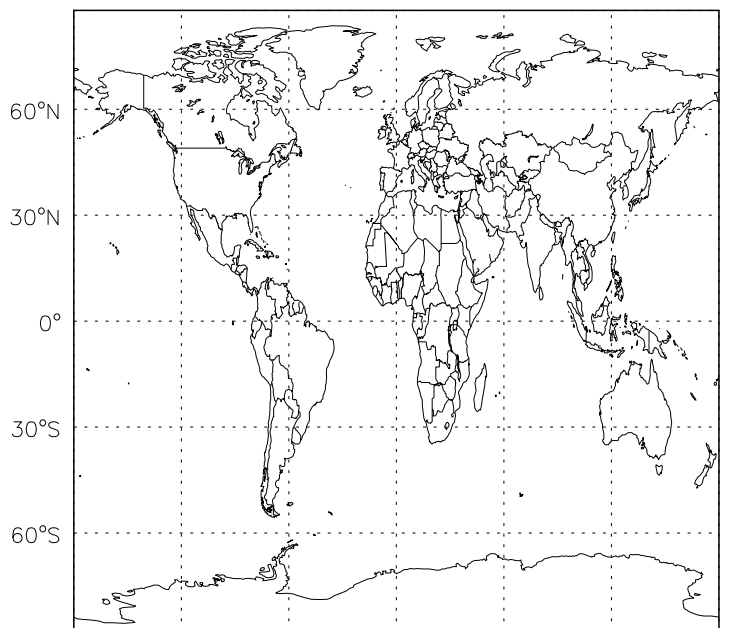
v11-01g-Run0 - v11-01f-geosfp-Run0

SALA - Diff @ 500 hPa for Apr



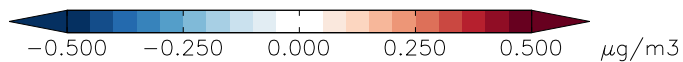
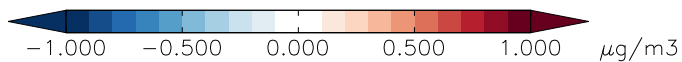
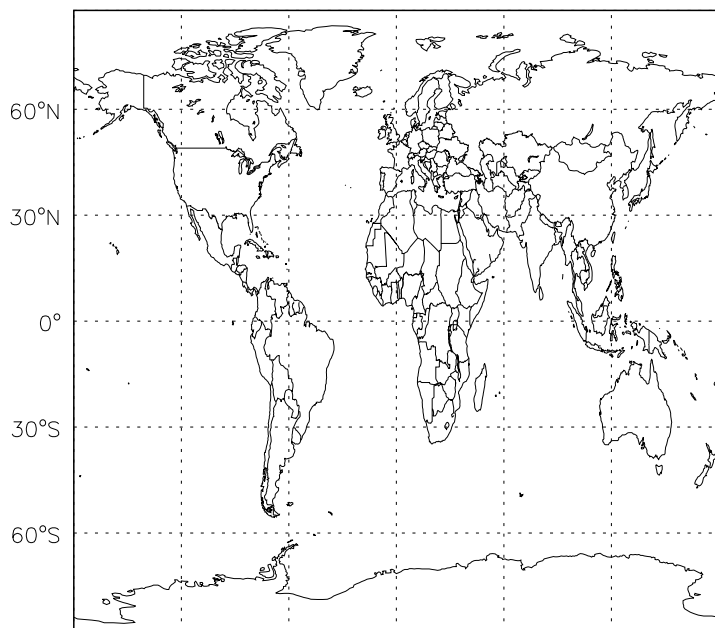
v11-01g-Run0 - v11-01d-Run1

SALA - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

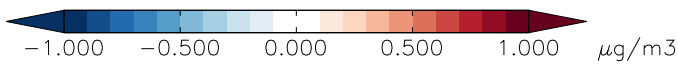
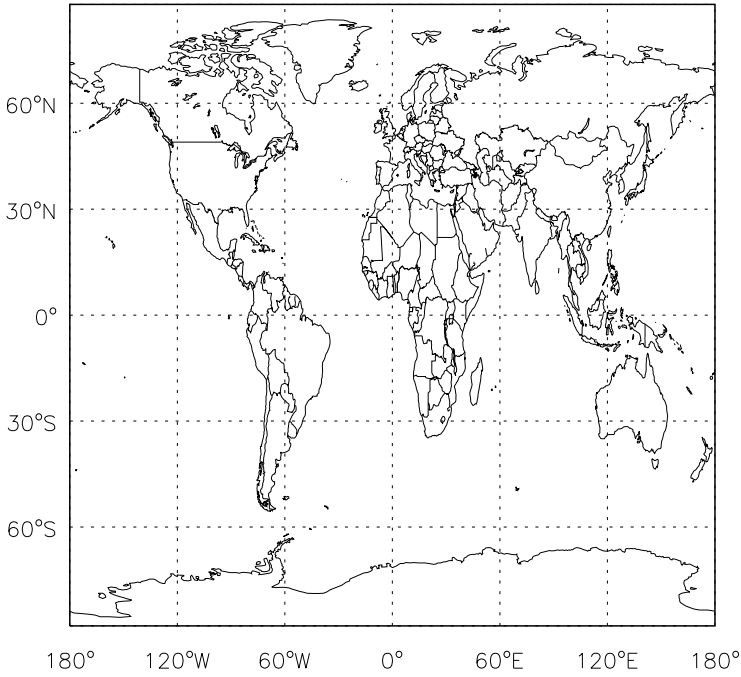
SALA - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

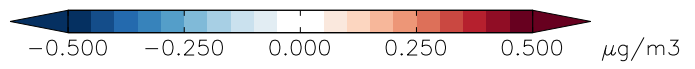
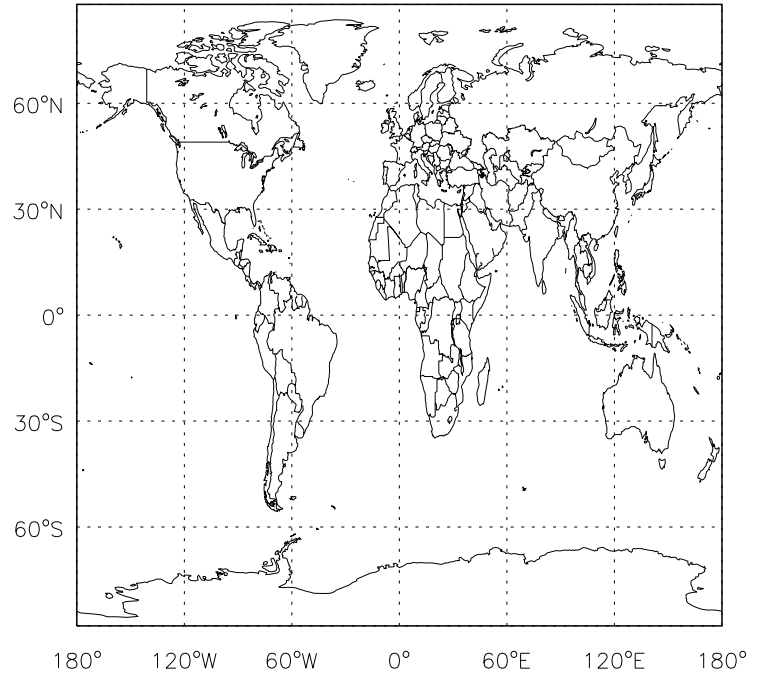
v11-01g-Run0 - v11-01f-geosfp-Run0

SALC - Diff @ Surface for Apr



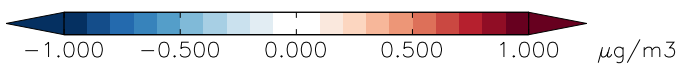
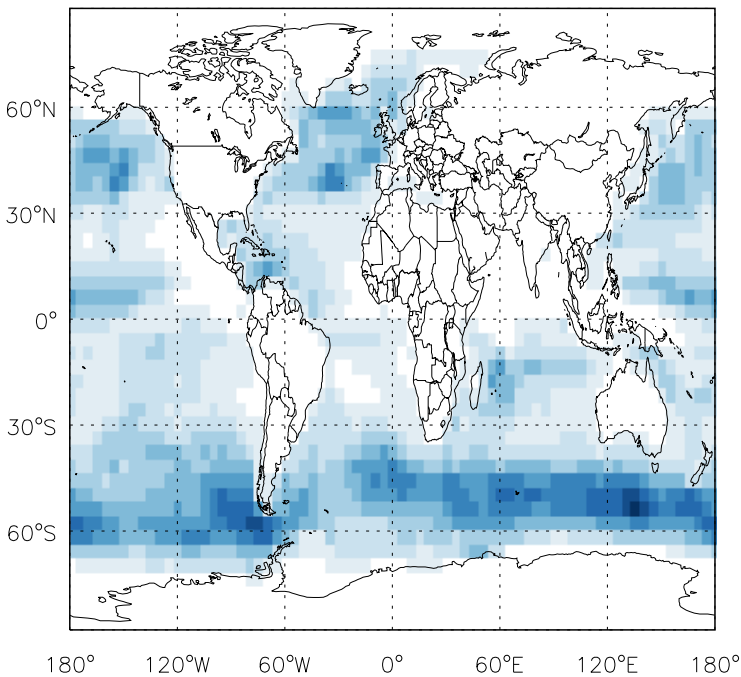
v11-01g-Run0 - v11-01f-geosfp-Run0

SALC - Diff @ 500 hPa for Apr



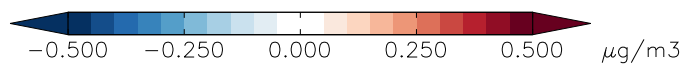
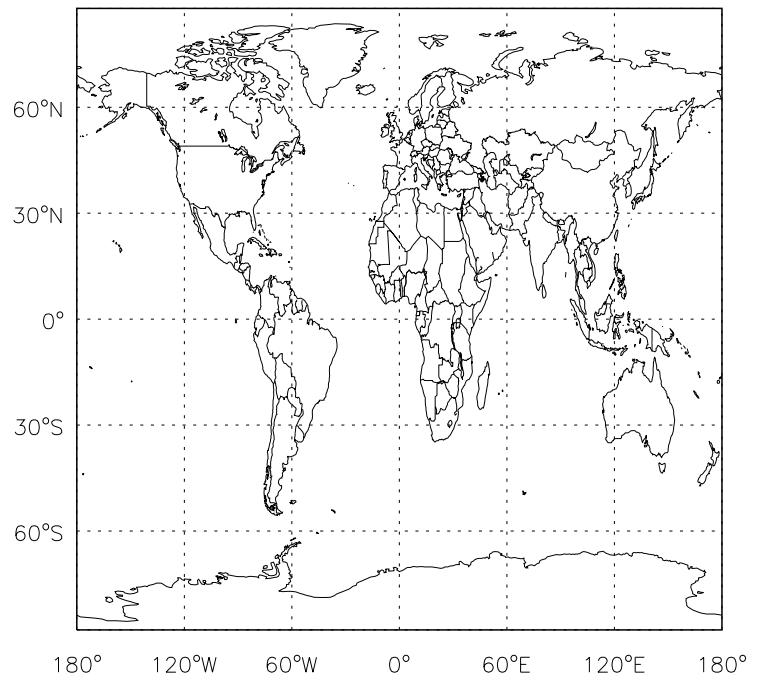
v11-01g-Run0 - v11-01d-Run1

SALC - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

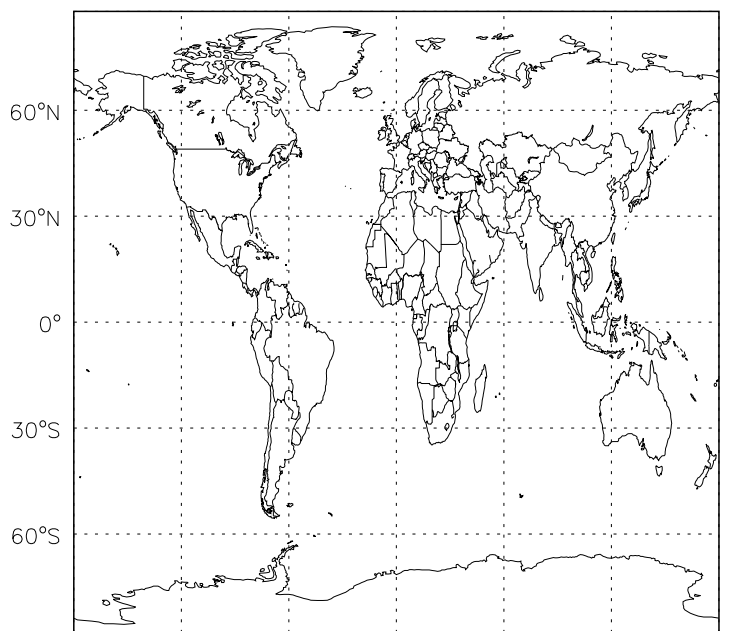
SALC - Diff @ 500 hPa for Apr



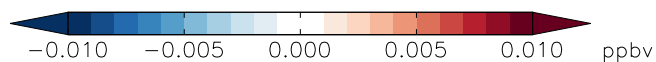
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

Br2 - Diff @ Surface for Apr

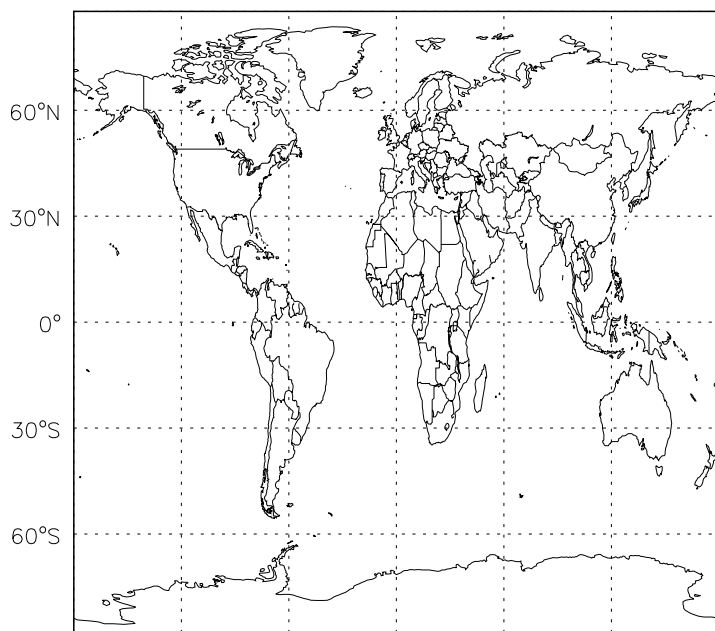


180° 120°W 60°W 0° 60°E 120°E 180°

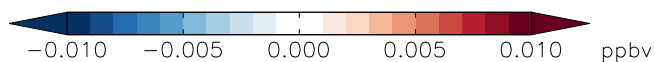


v11-01g-Run0 - v11-01f-geosfp-Run0

Br2 - Diff @ 500 hPa for Apr

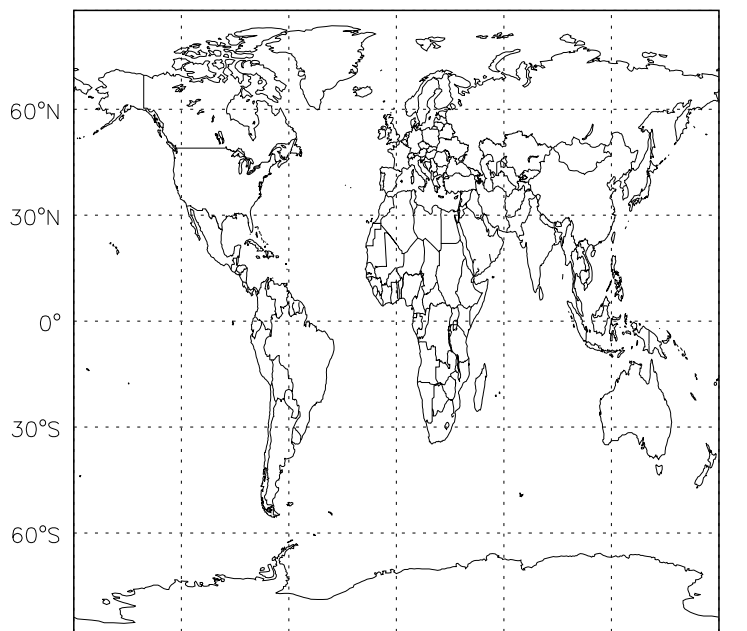


180° 120°W 60°W 0° 60°E 120°E 180°

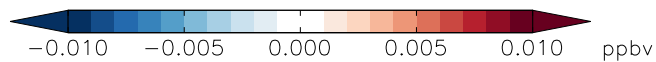


v11-01g-Run0 - v11-01d-Run1

Br2 - Diff @ Surface for Apr

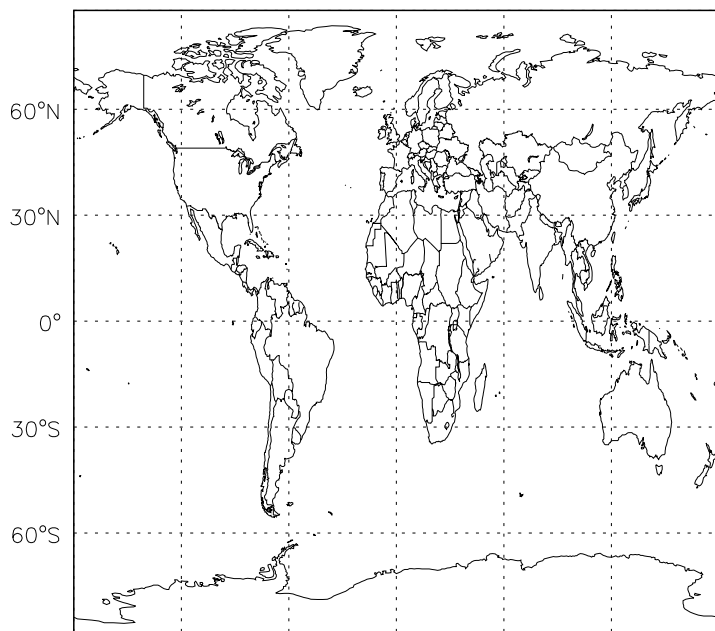


180° 120°W 60°W 0° 60°E 120°E 180°

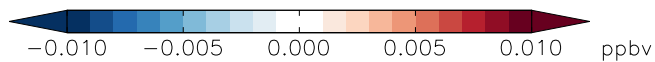


v11-01g-Run0 - v11-01d-Run1

Br2 - Diff @ 500 hPa for Apr



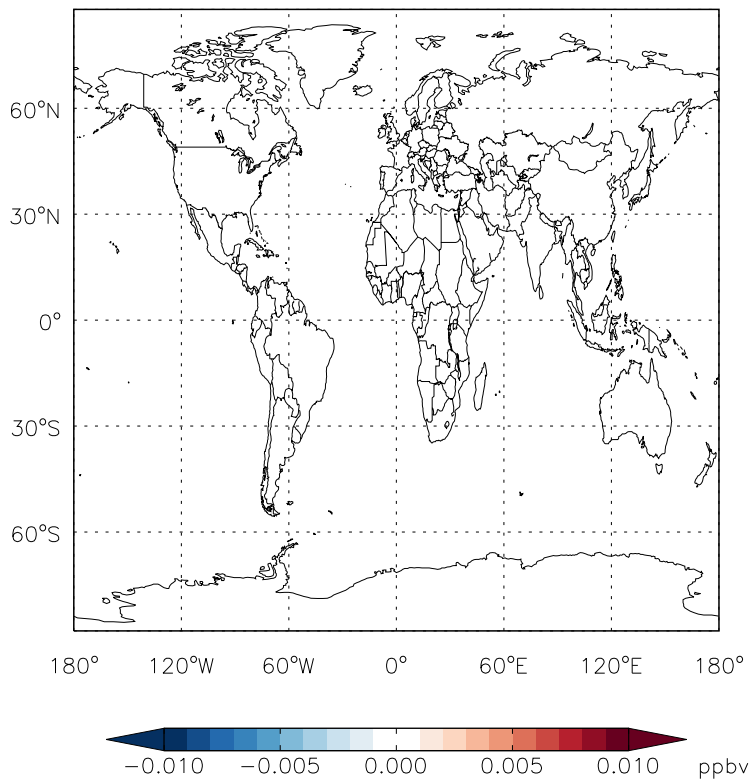
180° 120°W 60°W 0° 60°E 120°E 180°



# GEOS-Chem Difference Maps at surface and 500 hPa

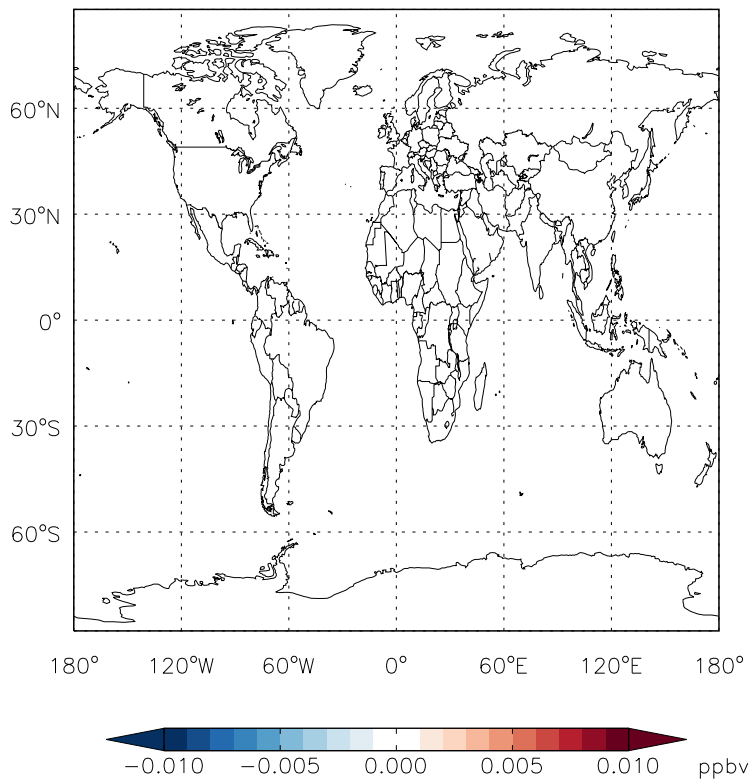
v11-01g-Run0 - v11-01f-geosfp-Run0

Br - Diff @ Surface for Apr



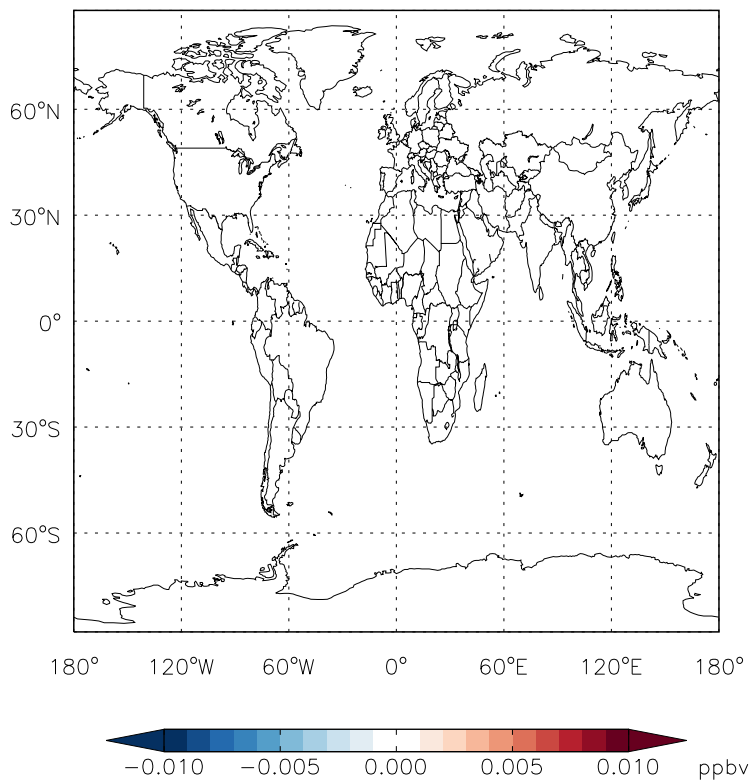
v11-01g-Run0 - v11-01f-geosfp-Run0

Br- Diff @ 500 hPa for Apr



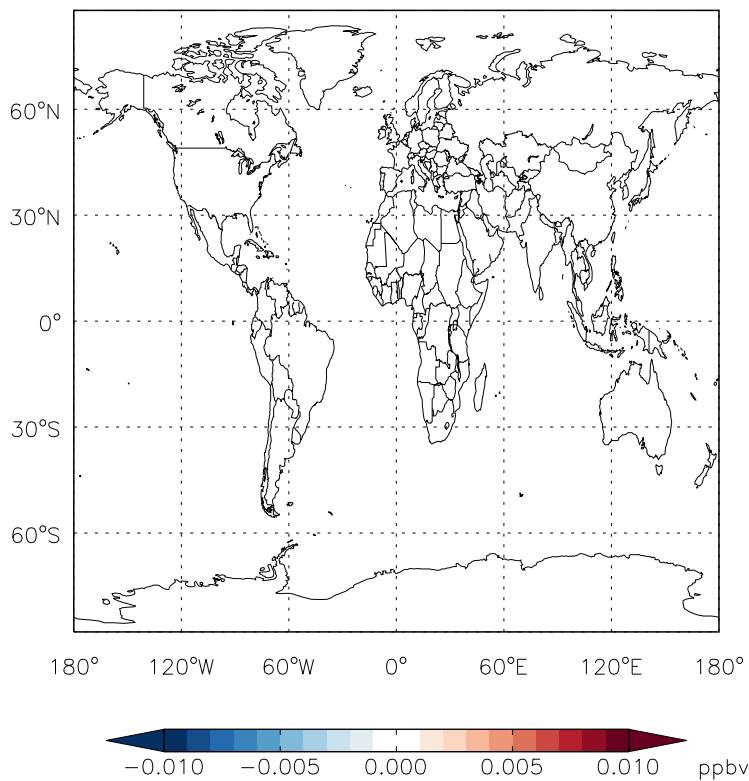
v11-01g-Run0 - v11-01d-Run1

Br - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

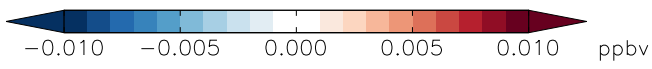
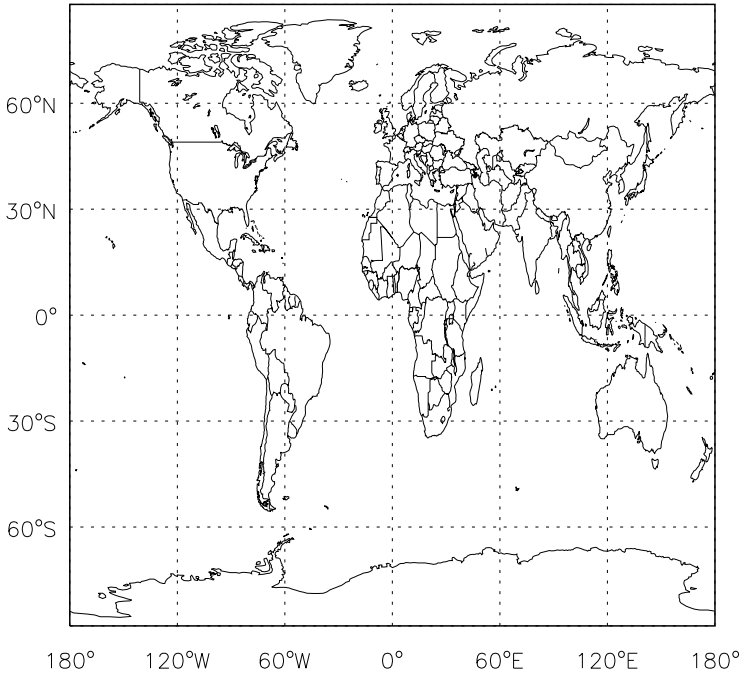
Br- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

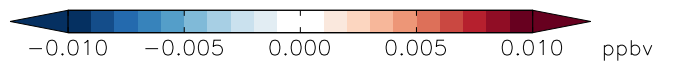
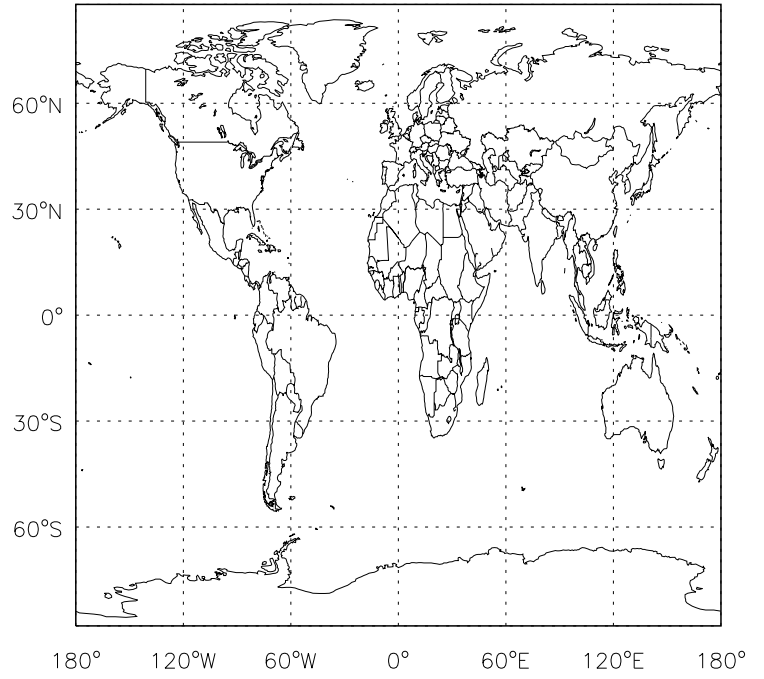
v11-01g-Run0 - v11-01f-geosfp-Run0

BrO - Diff @ Surface for Apr



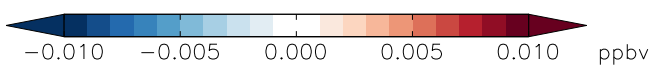
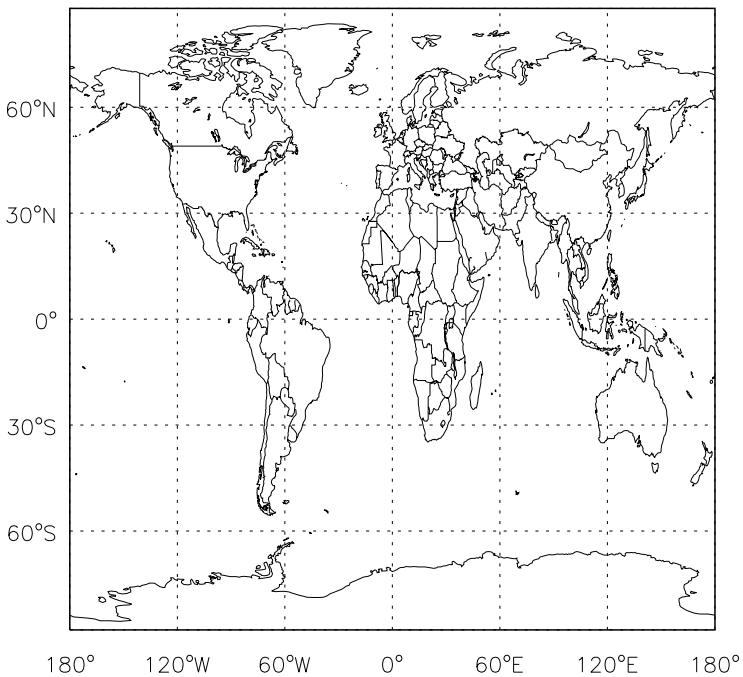
v11-01g-Run0 - v11-01f-geosfp-Run0

BrO - Diff @ 500 hPa for Apr



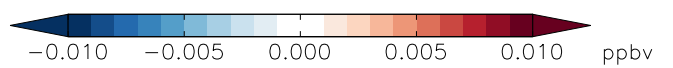
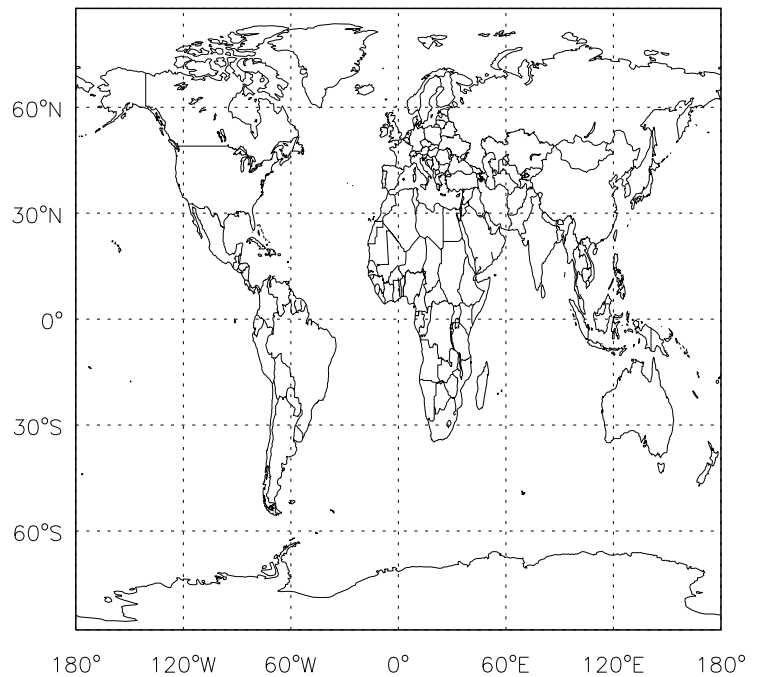
v11-01g-Run0 - v11-01d-Run1

BrO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

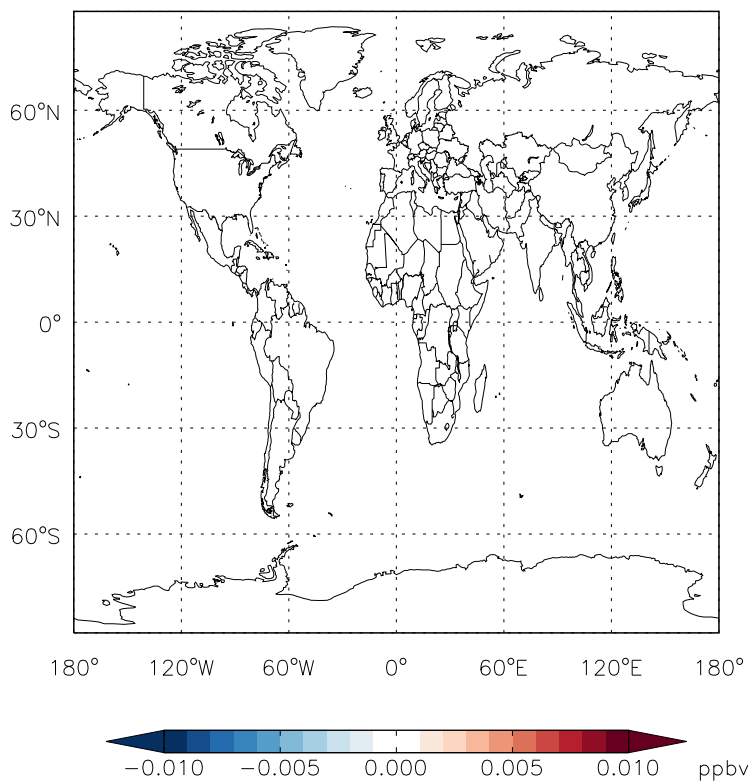
BrO - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

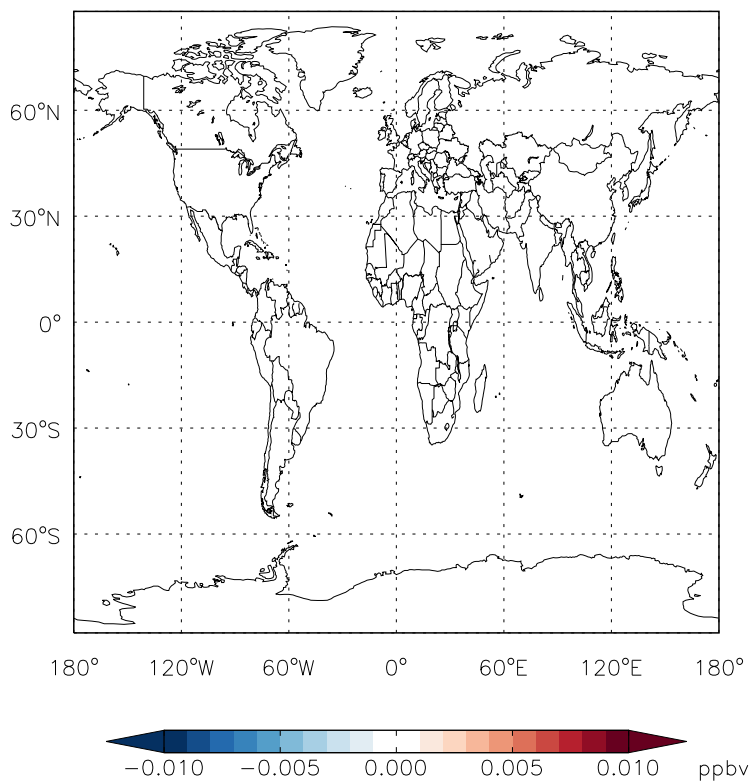
v11-01g-Run0 - v11-01f-geosfp-Run0

H0Br - Diff @ Surface for Apr



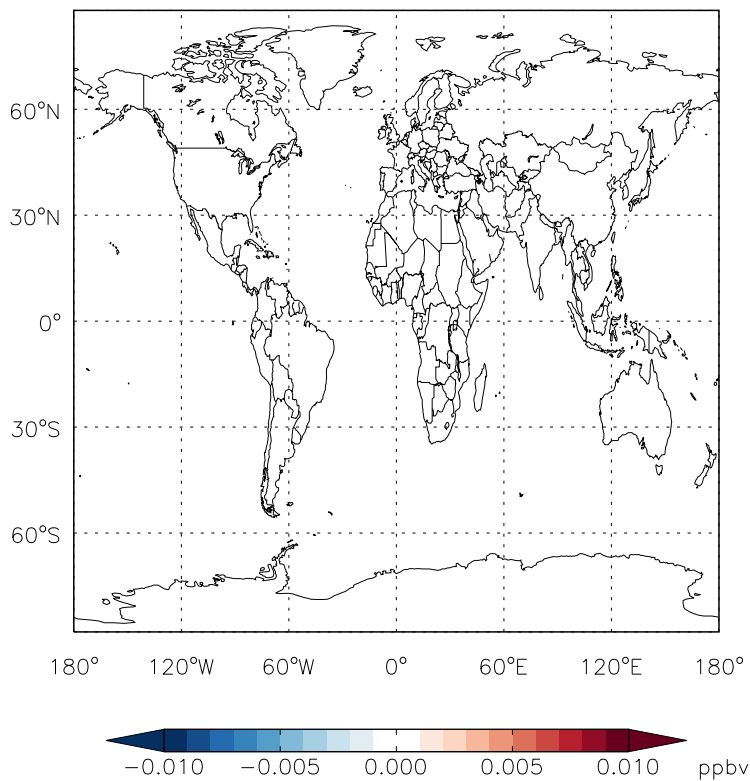
v11-01g-Run0 - v11-01f-geosfp-Run0

H0Br- Diff @ 500 hPa for Apr



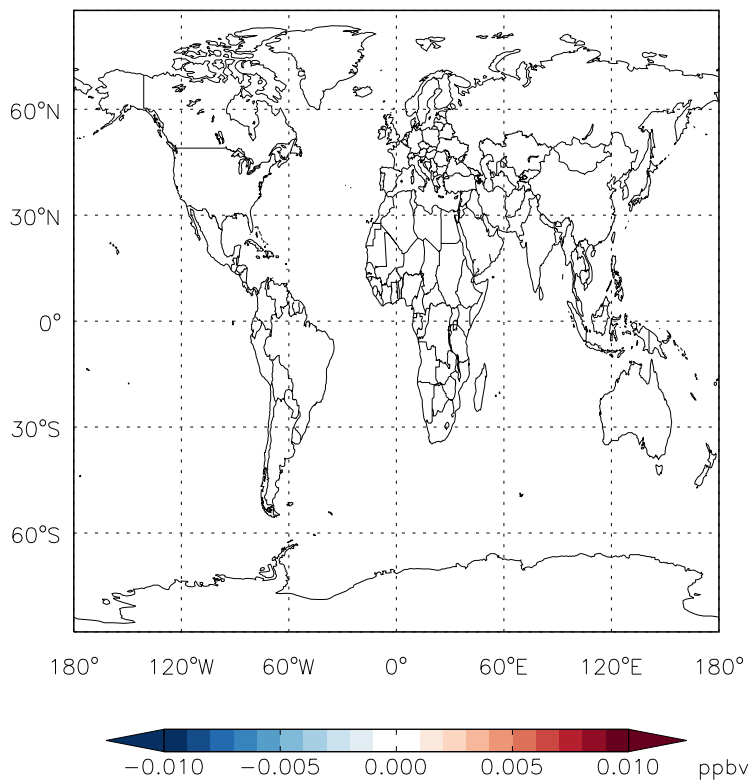
v11-01g-Run0 - v11-01d-Run1

H0Br - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

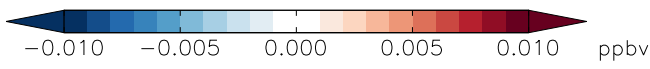
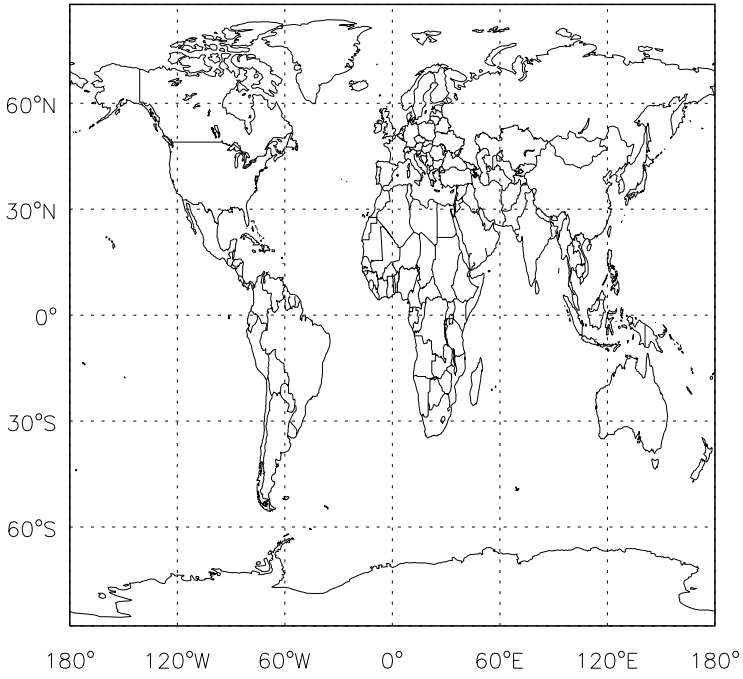
H0Br- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

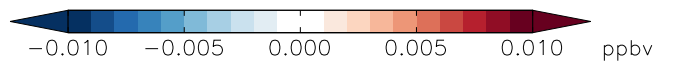
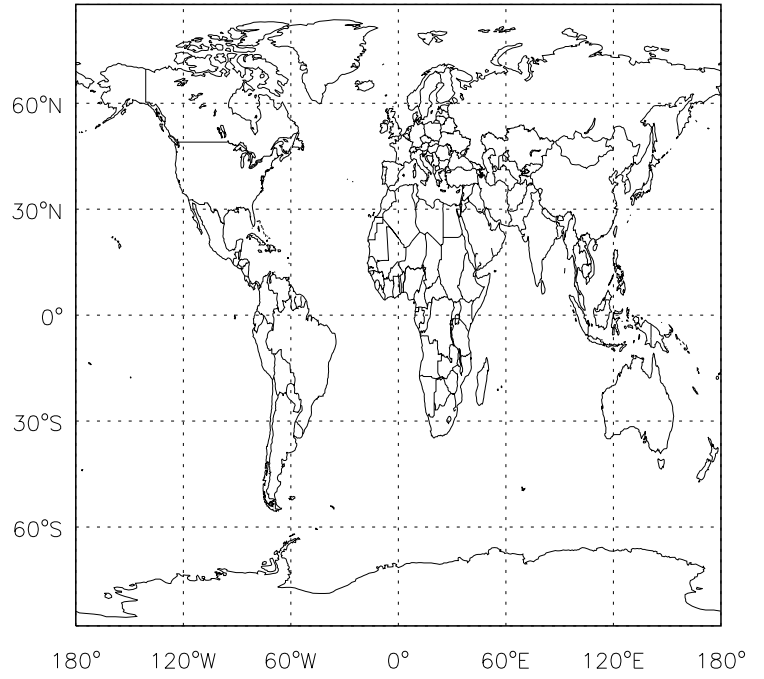
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr - Diff @ Surface for Apr



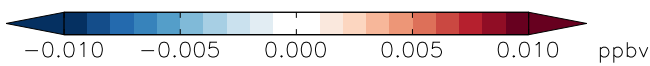
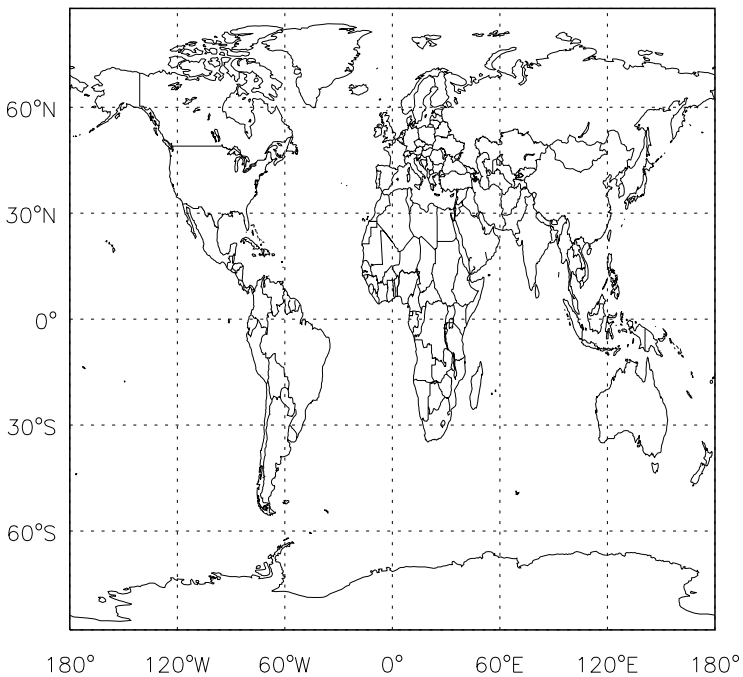
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr - Diff @ 500 hPa for Apr



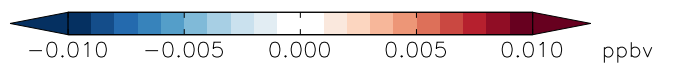
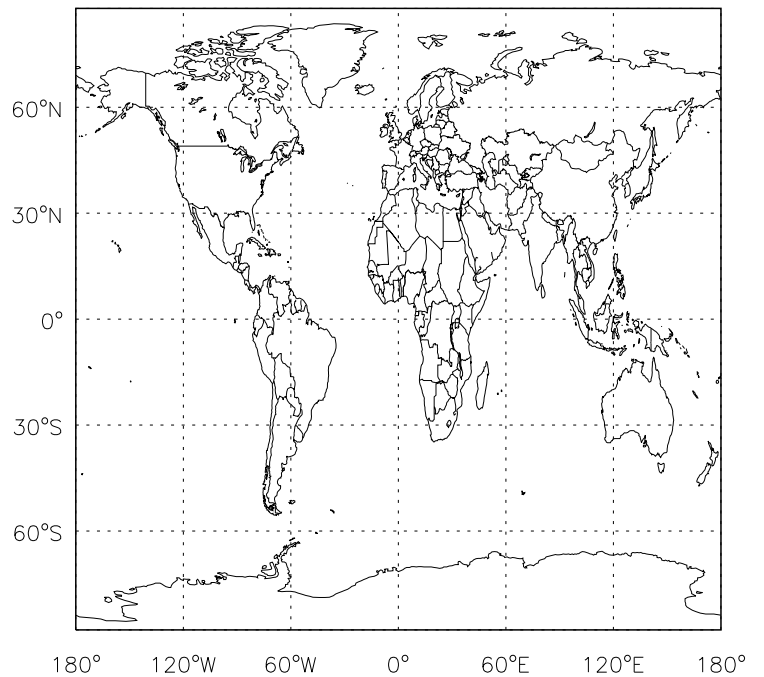
v11-01g-Run0 - v11-01d-Run1

HBr - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

HBr - Diff @ 500 hPa for Apr

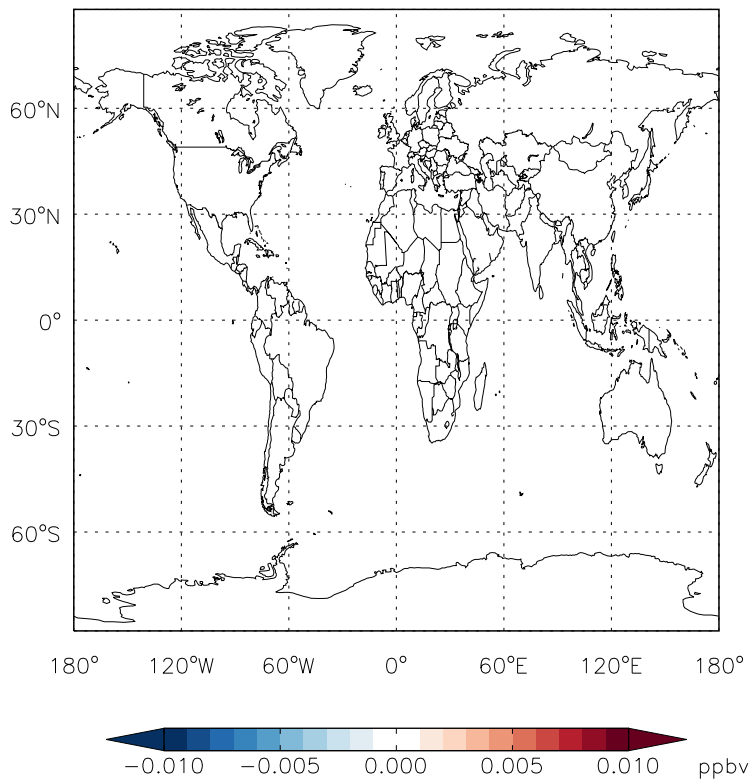




# GEOS-Chem Difference Maps at surface and 500 hPa

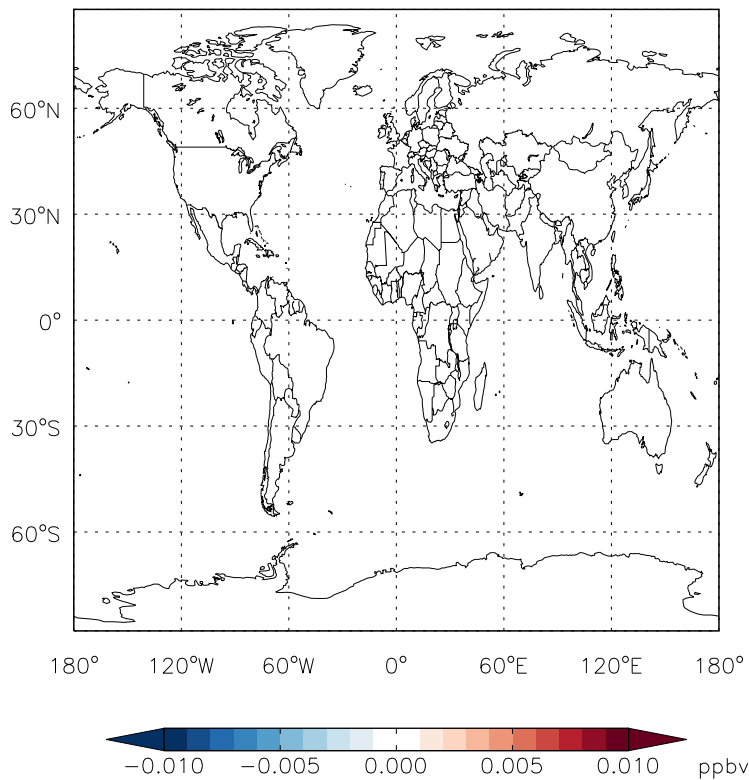
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO2 - Diff @ Surface for Apr



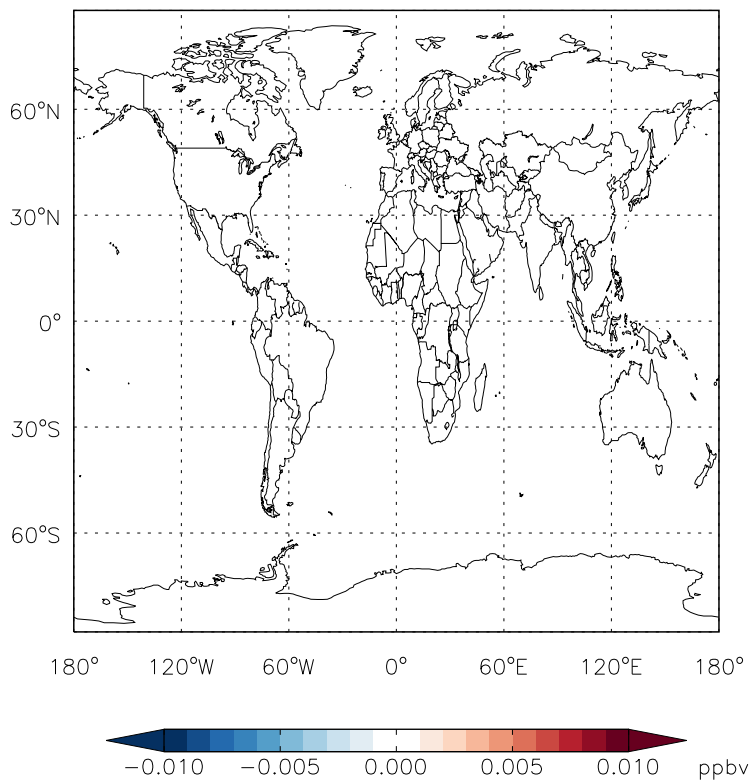
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO2- Diff @ 500 hPa for Apr



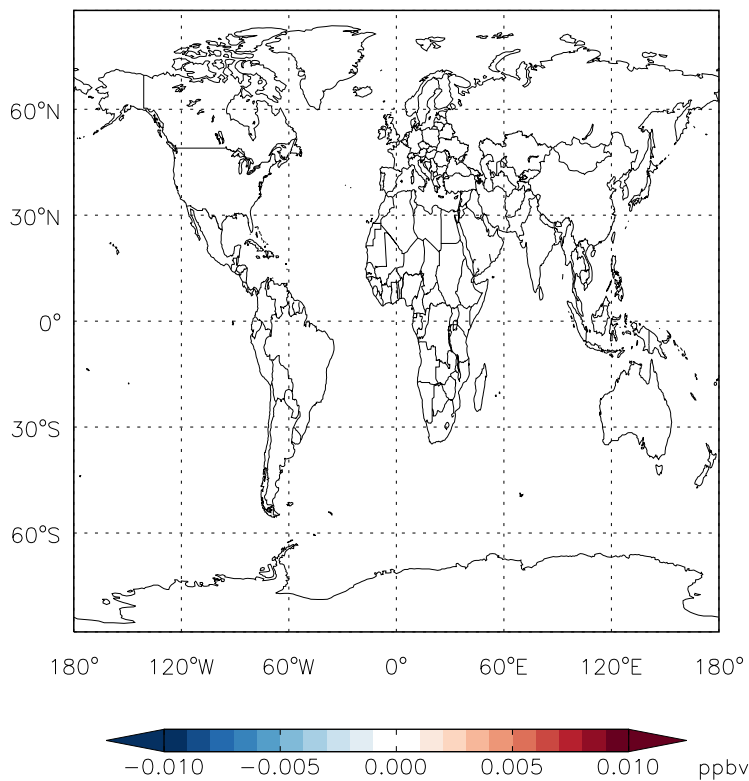
v11-01g-Run0 - v11-01d-Run1

BrNO2 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

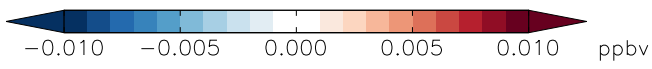
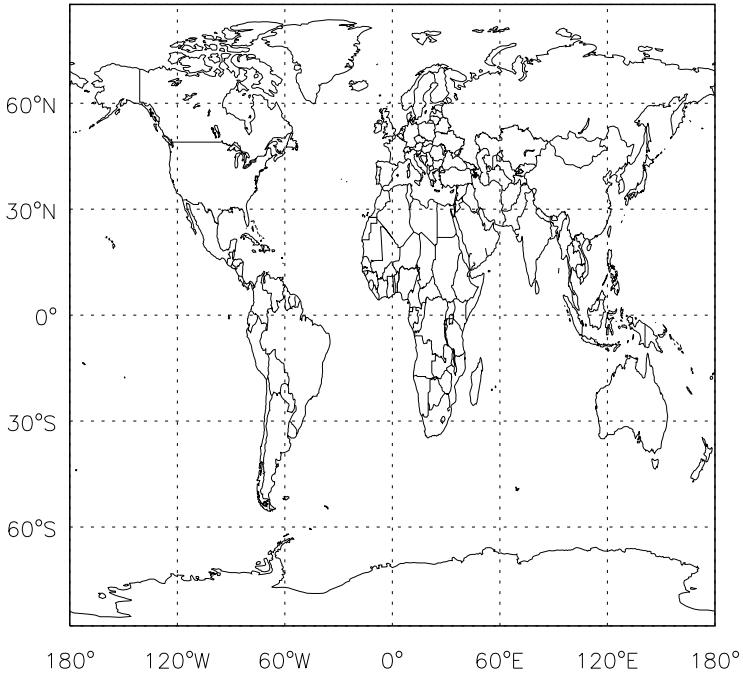
BrNO2- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

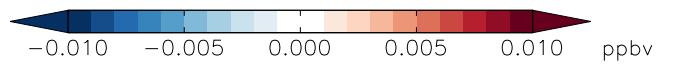
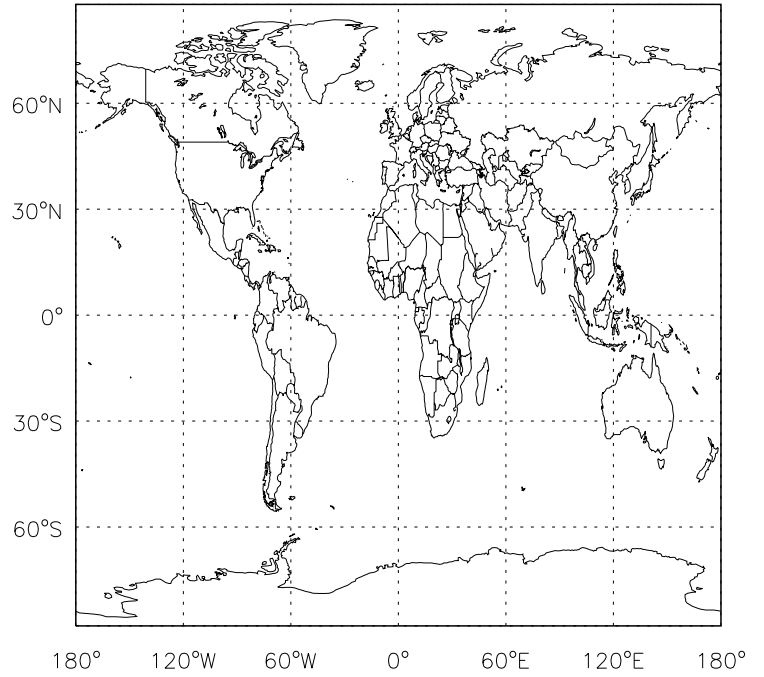
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO3 - Diff @ Surface for Apr



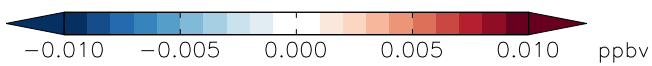
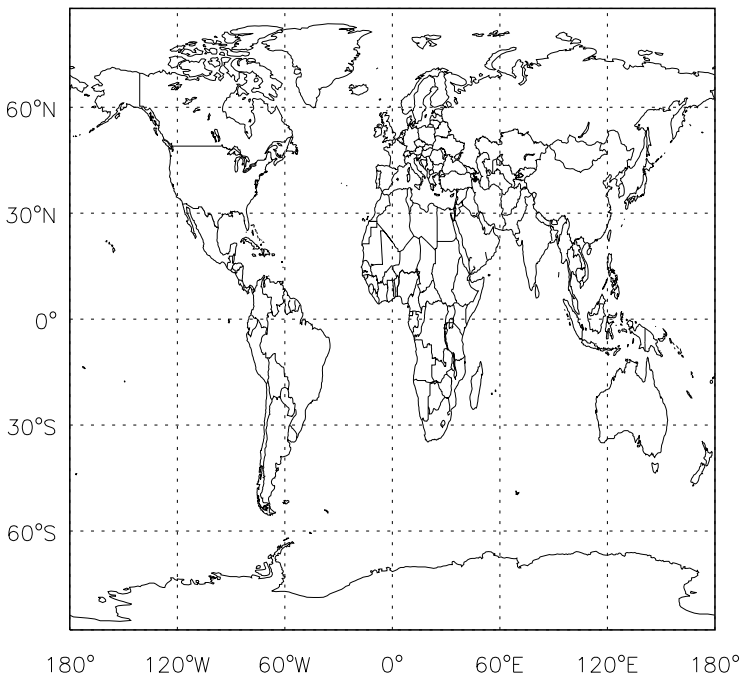
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO3- Diff @ 500 hPa for Apr



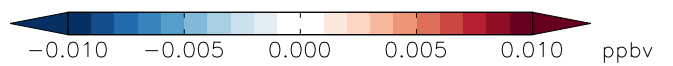
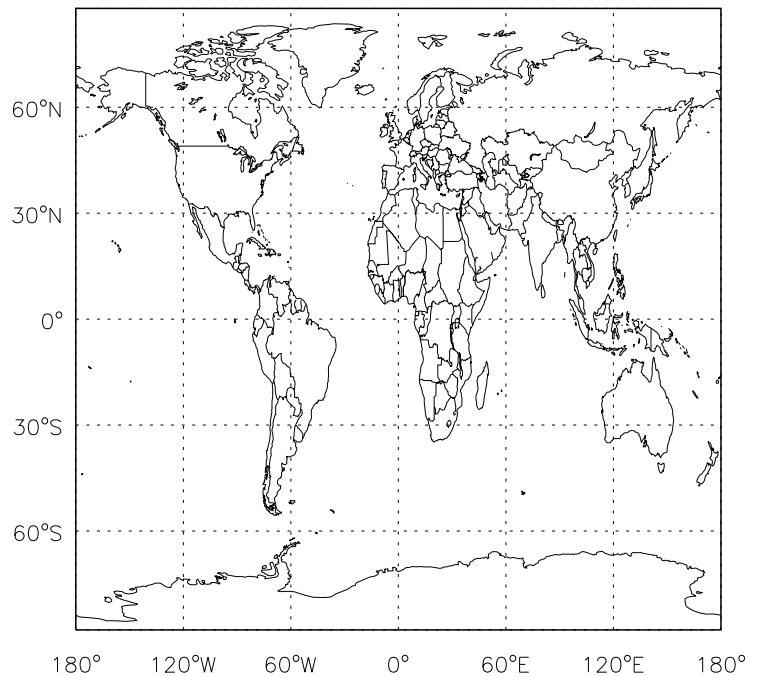
v11-01g-Run0 - v11-01d-Run1

BrNO3 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

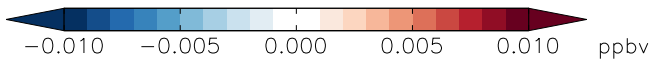
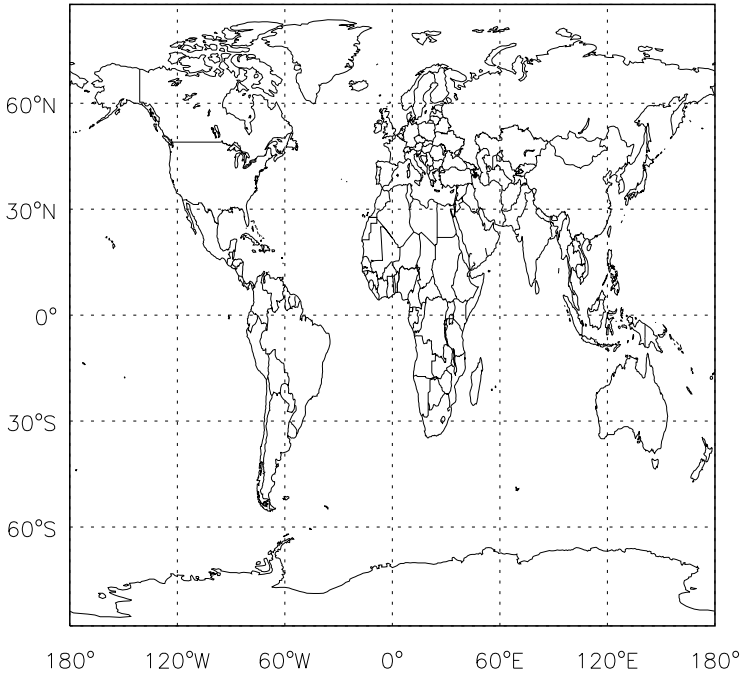
BrNO3- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

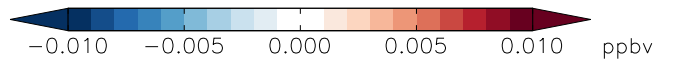
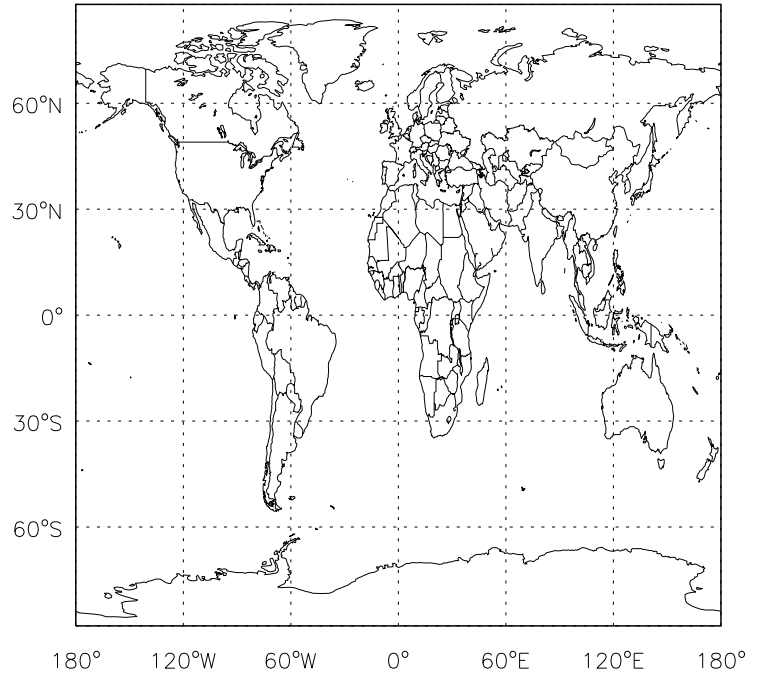
v11-01g-Run0 - v11-01f-geosfp-Run0

CHBr3 - Diff @ Surface for Apr



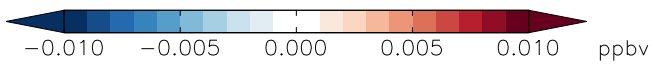
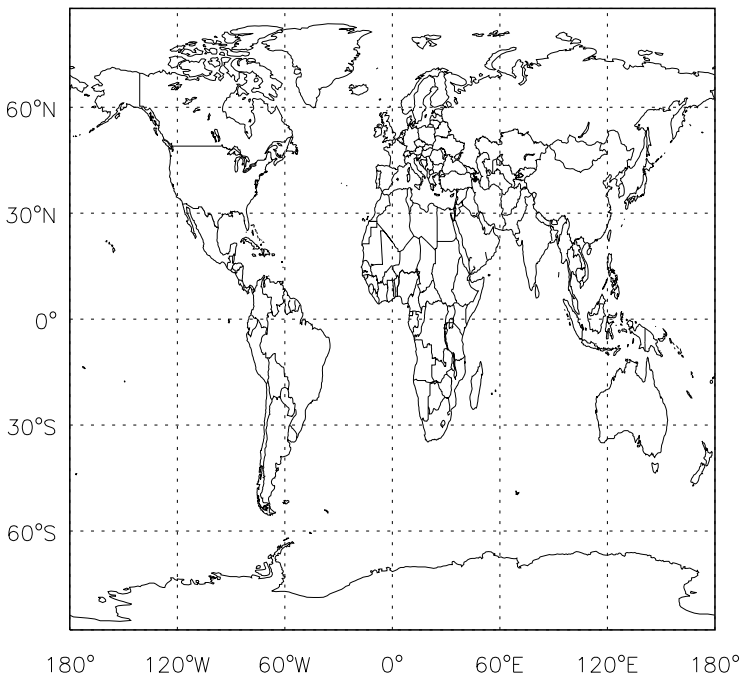
v11-01g-Run0 - v11-01f-geosfp-Run0

CHBr3- Diff @ 500 hPa for Apr



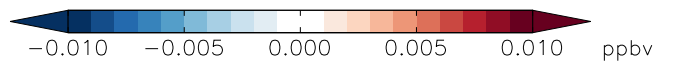
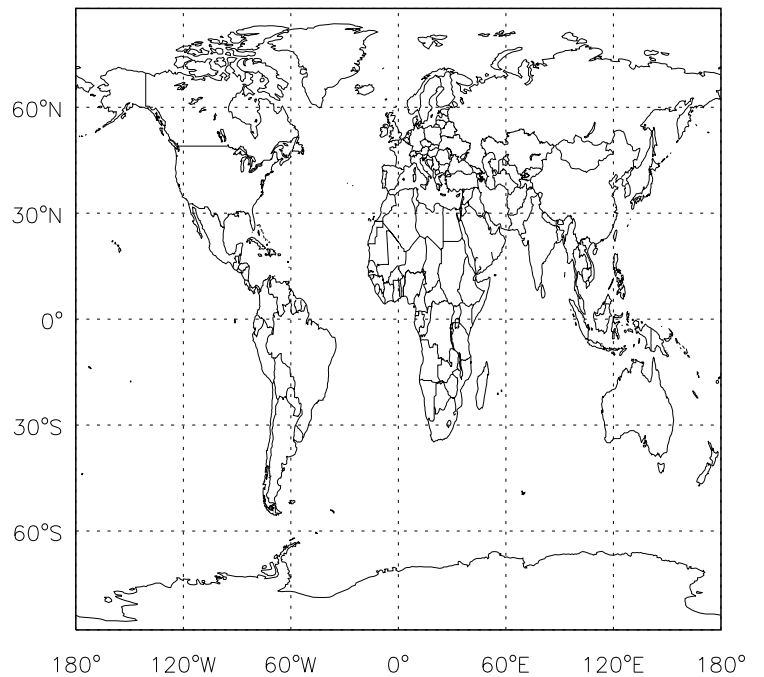
v11-01g-Run0 - v11-01d-Run1

CHBr3 - Diff @ Surface for Apr



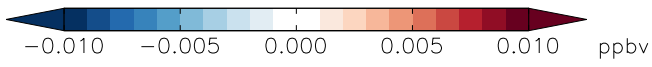
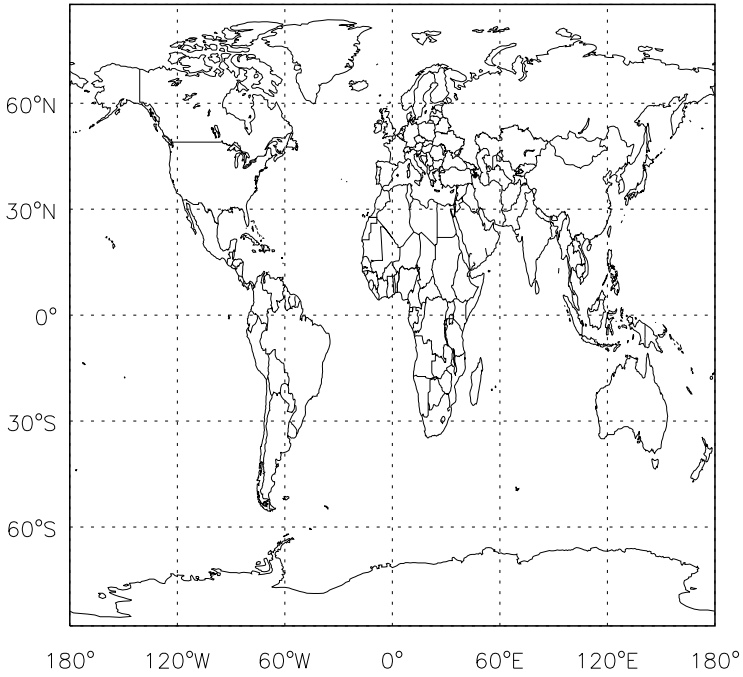
v11-01g-Run0 - v11-01d-Run1

CHBr3- Diff @ 500 hPa for Apr

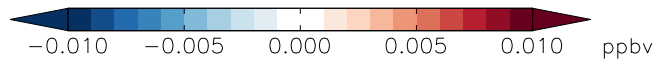
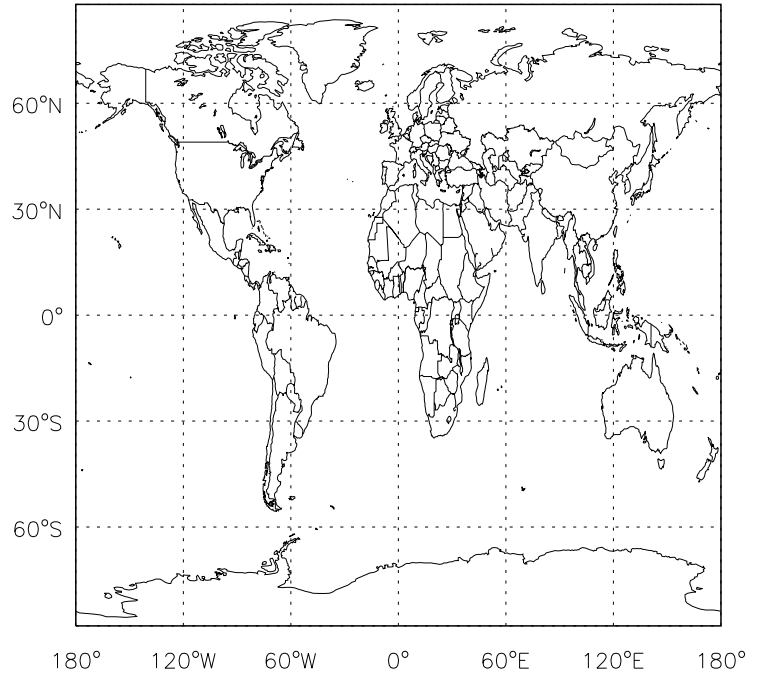


GEOS-Chem Difference Maps at surface and 500 hPa

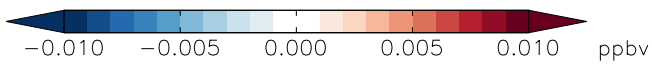
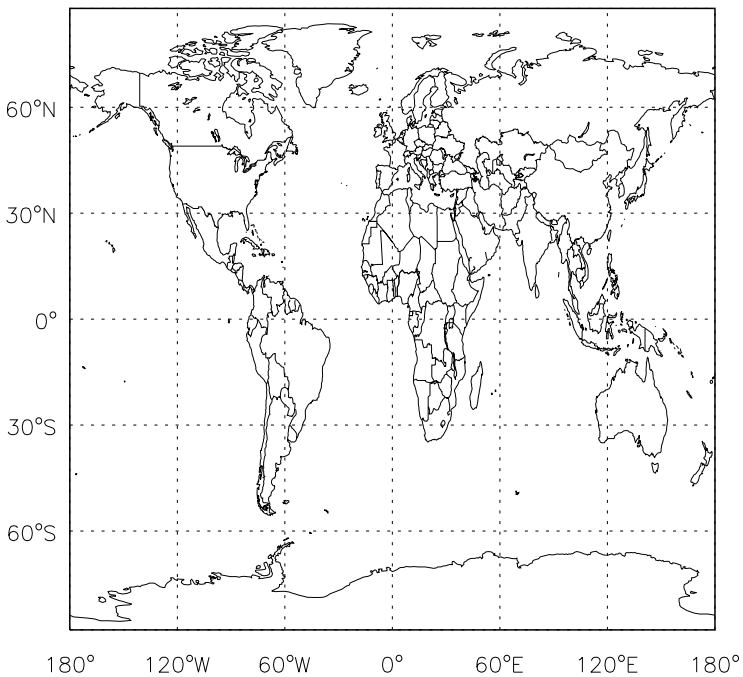
v11-01g-Run0 - v11-01f-geosfp-Run0  
CH<sub>2</sub>Br<sub>2</sub> - Diff @ Surface for Apr



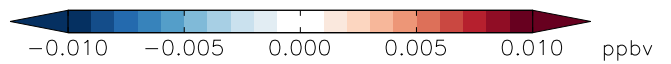
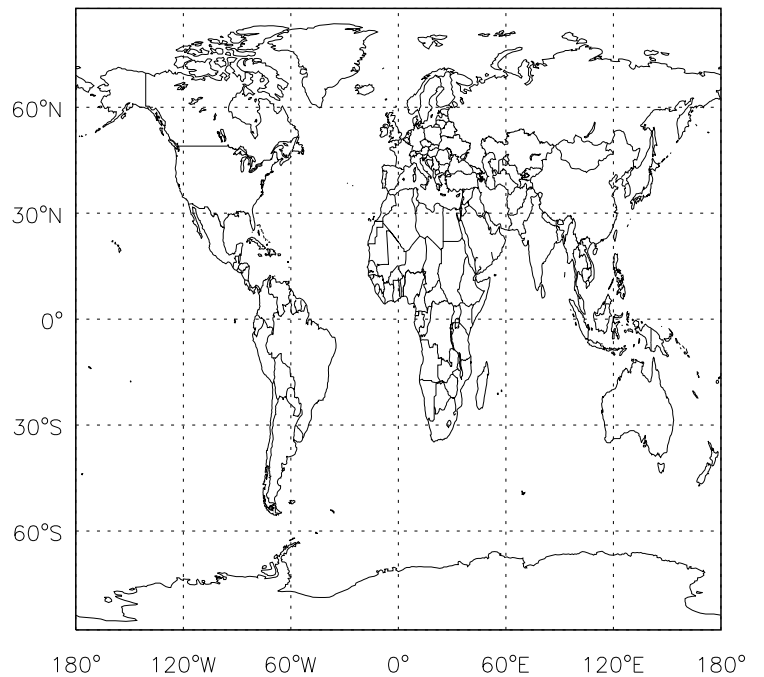
v11-01g-Run0 - v11-01f-geosfp-Run0  
CH<sub>2</sub>Br<sub>2</sub> - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
CH<sub>2</sub>Br<sub>2</sub> - Diff @ Surface for Apr



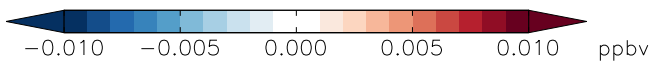
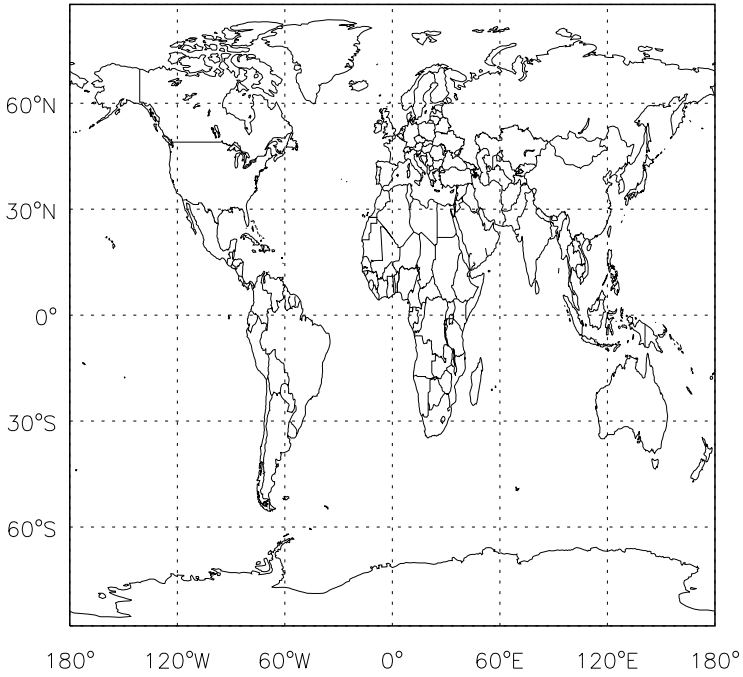
v11-01g-Run0 - v11-01d-Run1  
CH<sub>2</sub>Br<sub>2</sub> - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

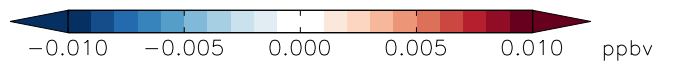
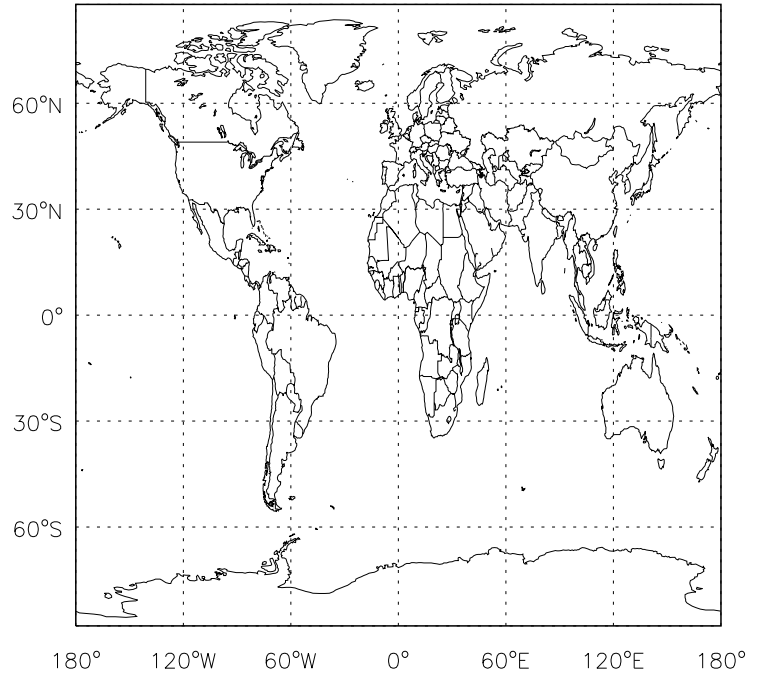
v11-01g-Run0 - v11-01f-geosfp-Run0

CH3Br - Diff @ Surface for Apr



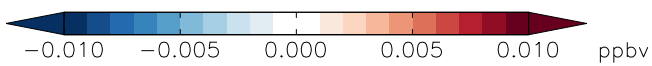
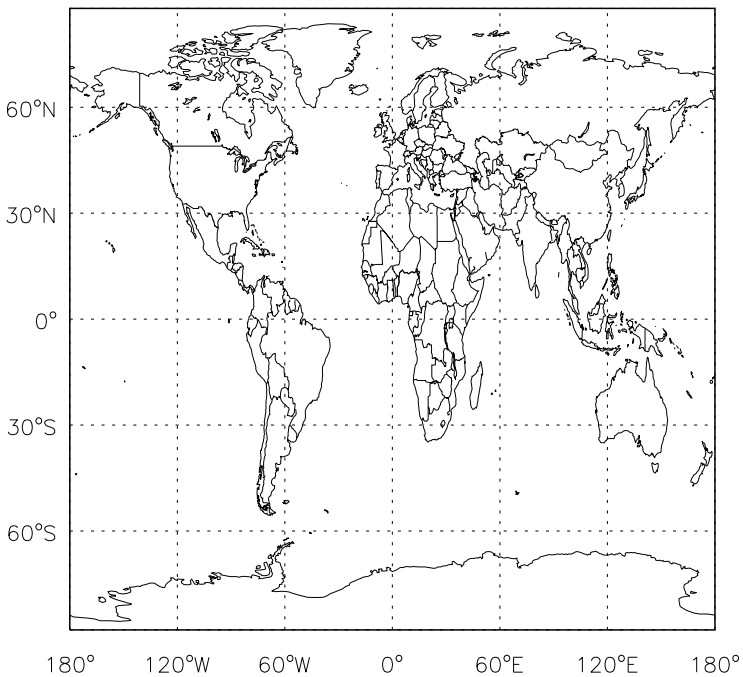
v11-01g-Run0 - v11-01f-geosfp-Run0

CH3Br- Diff @ 500 hPa for Apr



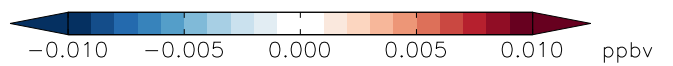
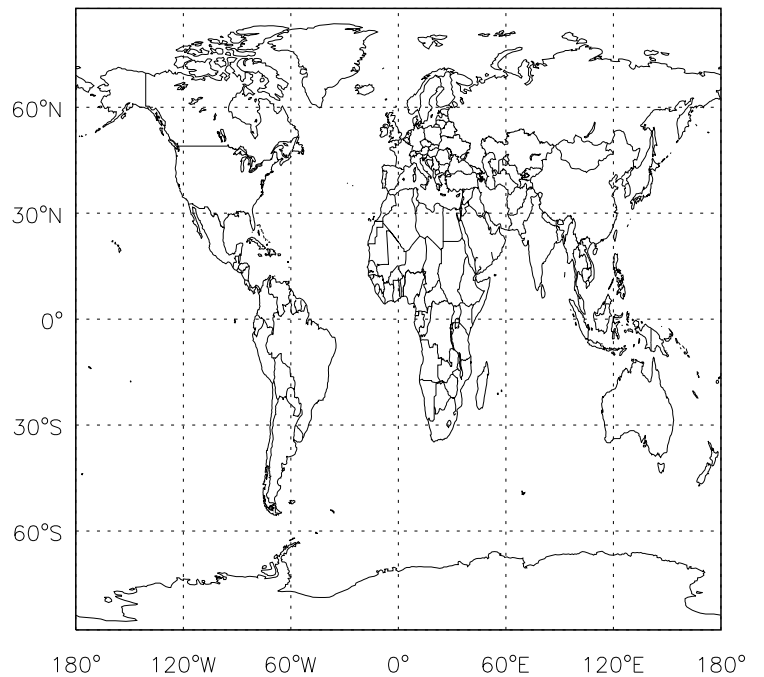
v11-01g-Run0 - v11-01d-Run1

CH3Br - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

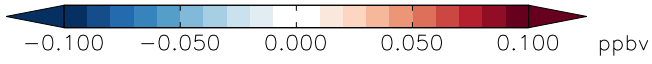
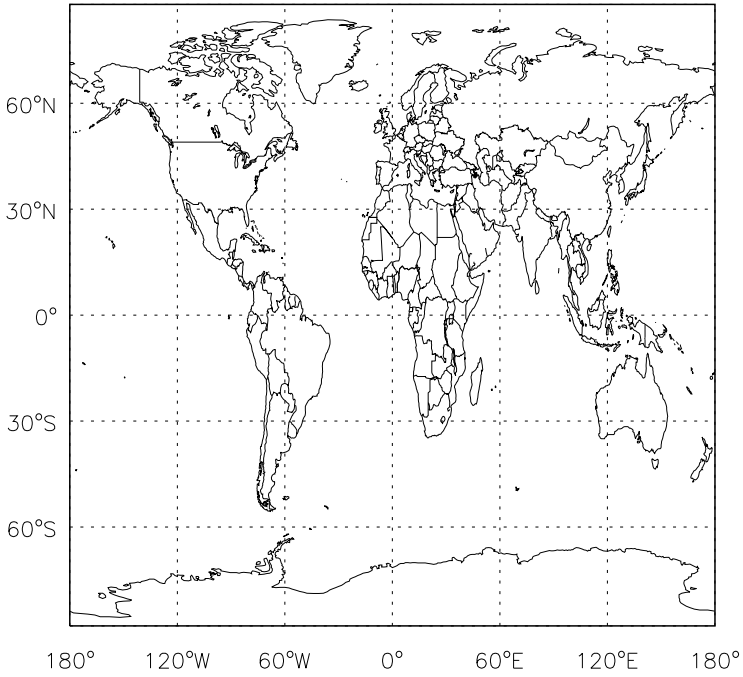
CH3Br- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

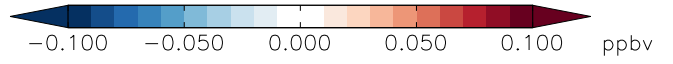
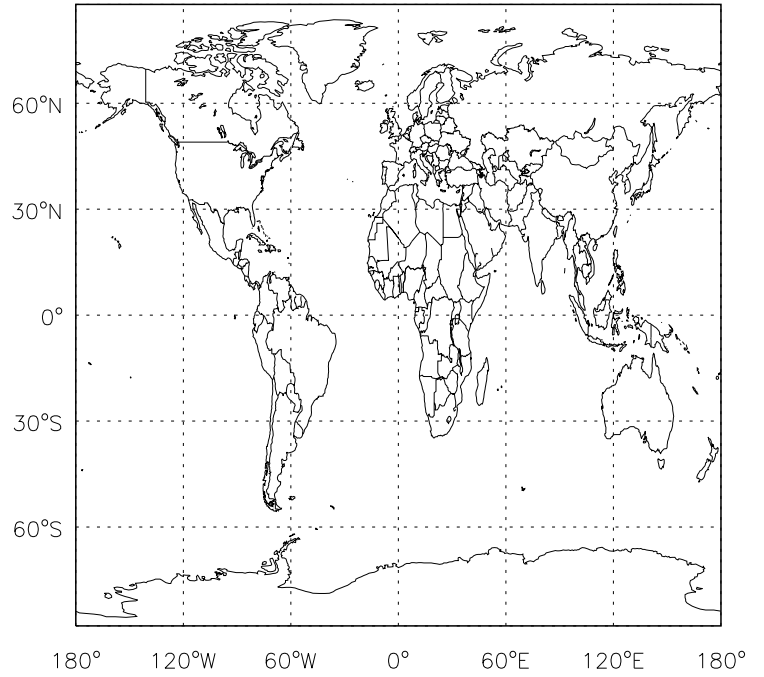
v11-01g-Run0 - v11-01f-geosfp-Run0

MPN - Diff @ Surface for Apr



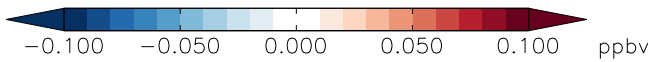
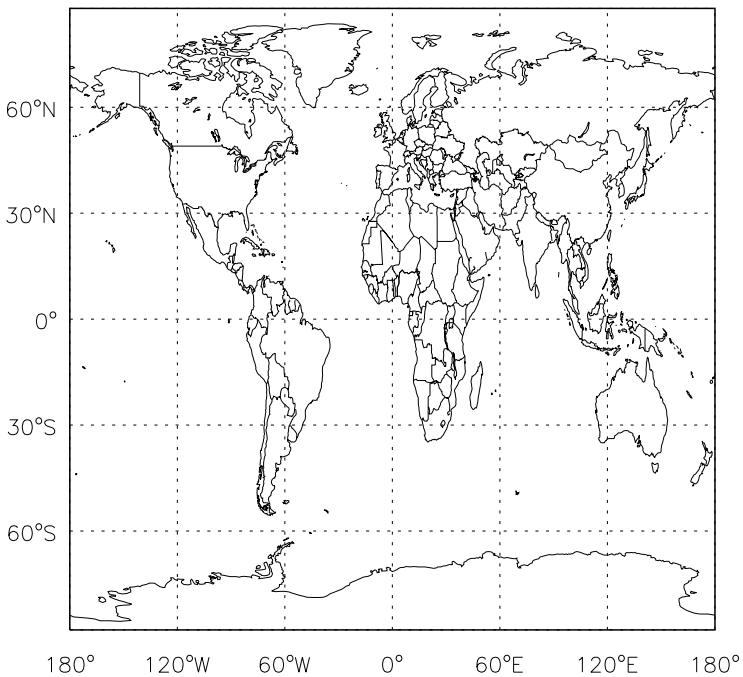
v11-01g-Run0 - v11-01f-geosfp-Run0

MPN - Diff @ 500 hPa for Apr



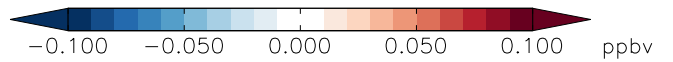
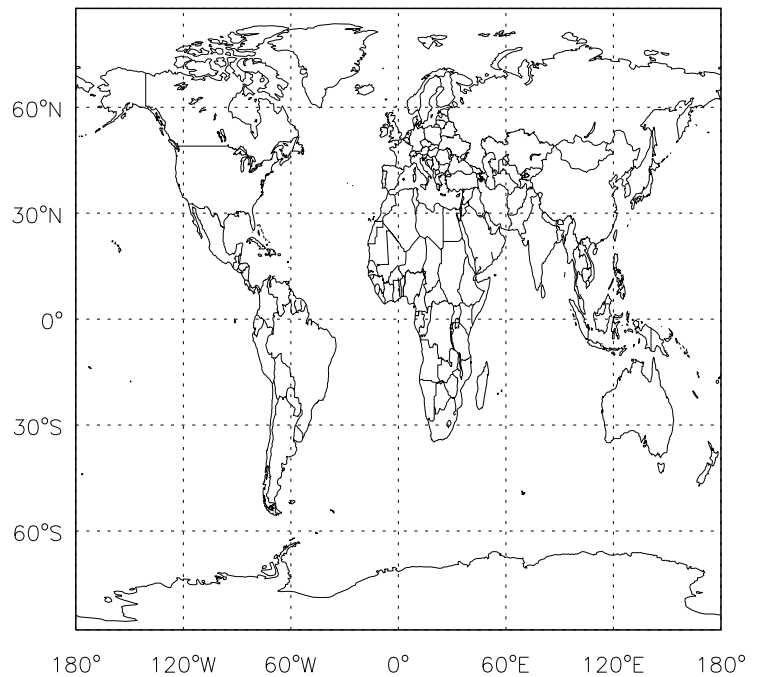
v11-01g-Run0 - v11-01d-Run1

MPN - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

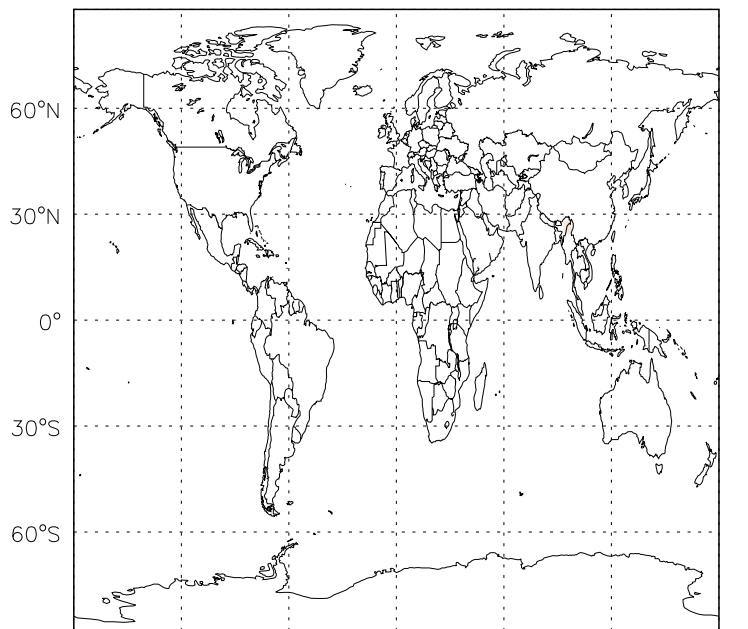
MPN - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

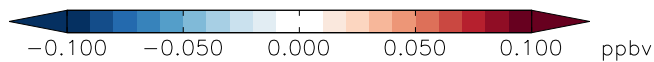
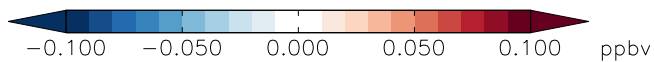
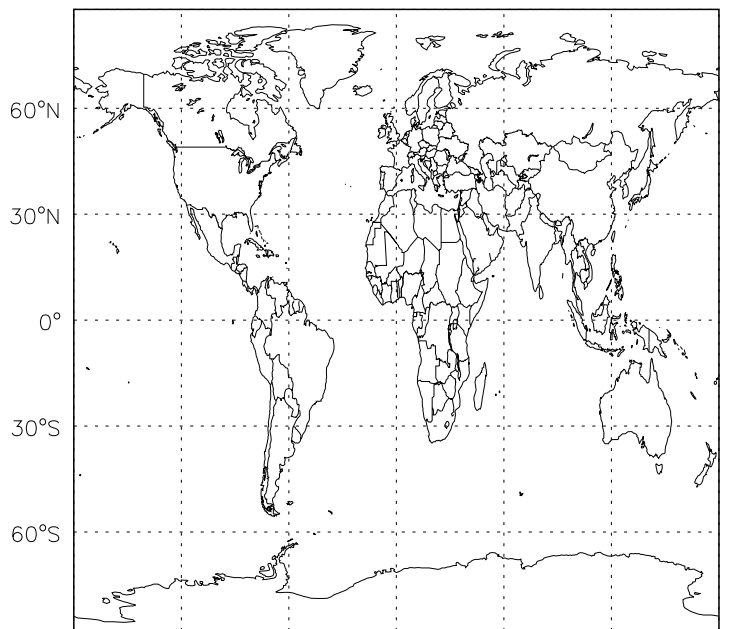
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOPND - Diff @ Surface for Apr



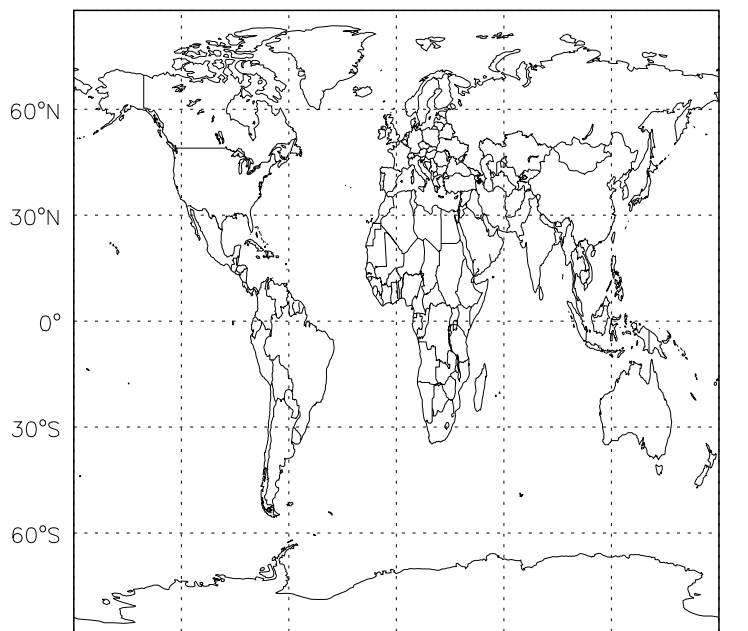
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOPND - Diff @ 500 hPa for Apr



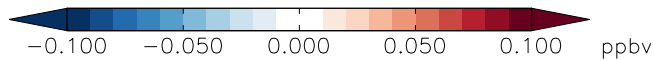
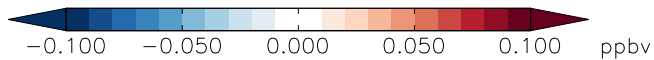
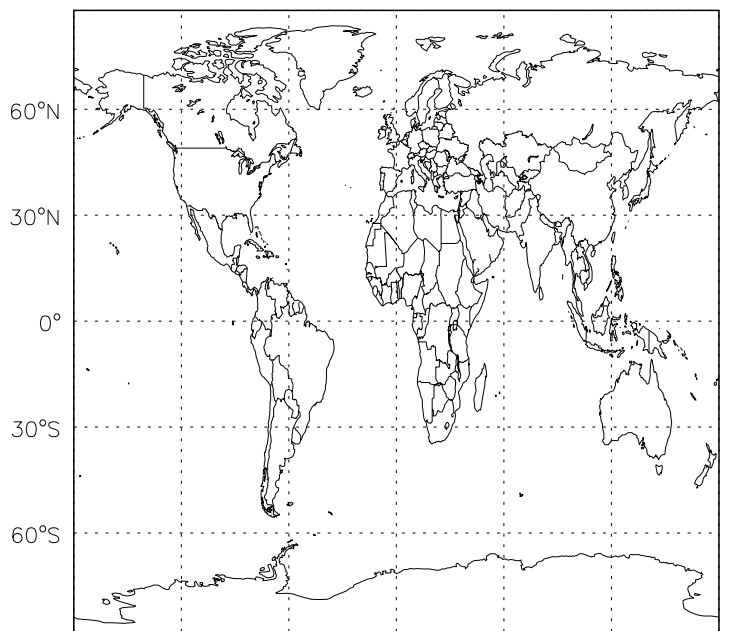
v11-01g-Run0 - v11-01d-Run1

ISOPND - Diff @ Surface for Apr



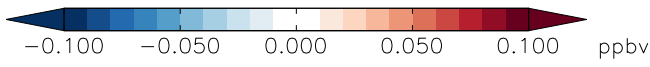
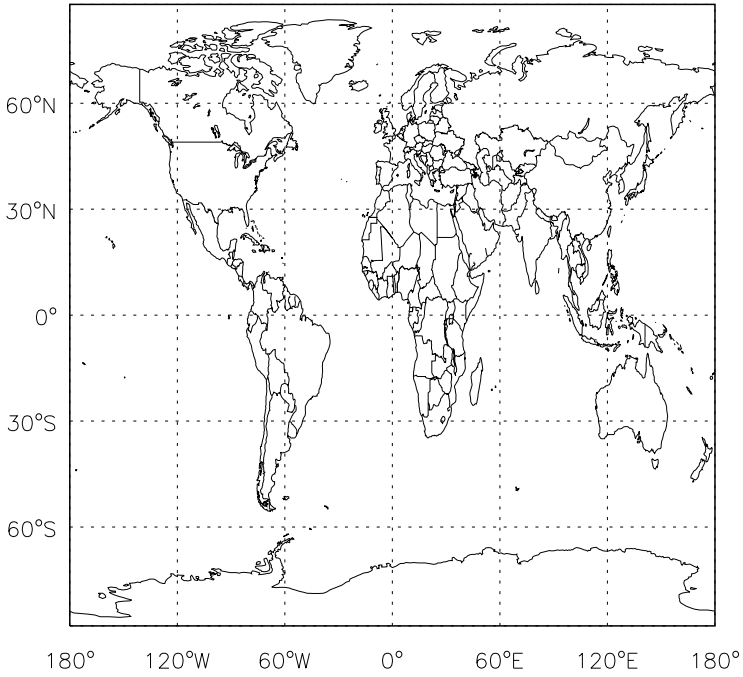
v11-01g-Run0 - v11-01d-Run1

ISOPND - Diff @ 500 hPa for Apr

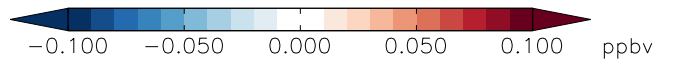
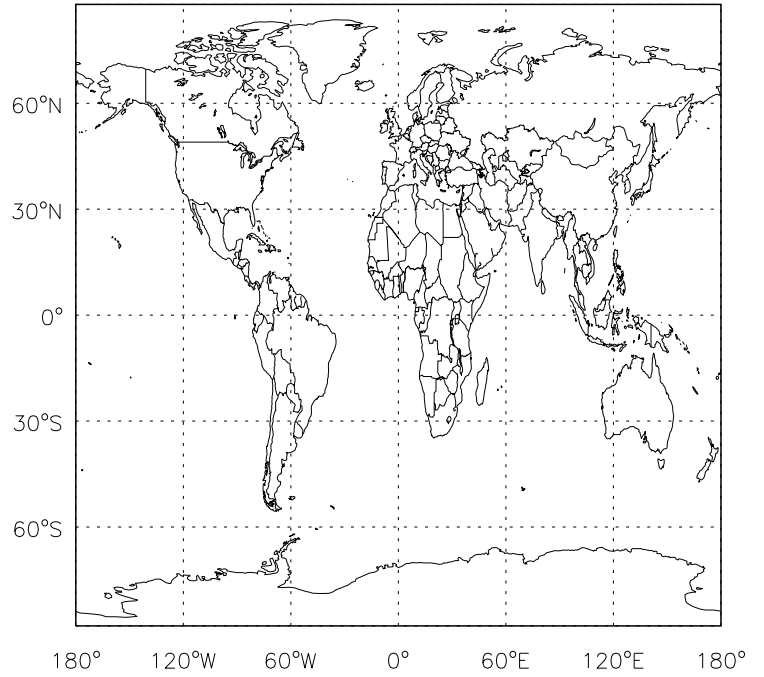


GEOS-Chem Difference Maps at surface and 500 hPa

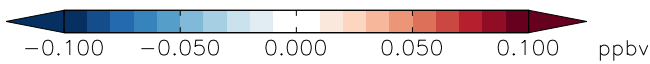
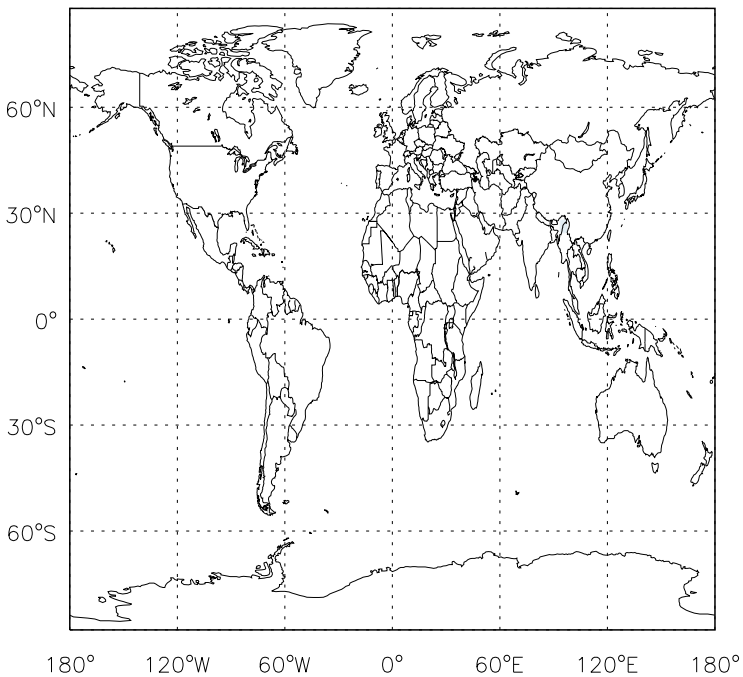
v11-01g-Run0 - v11-01f-geosfp-Run0  
ISOPNB - Diff @ Surface for Apr



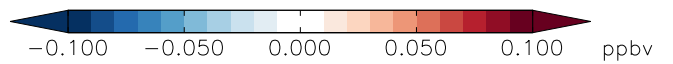
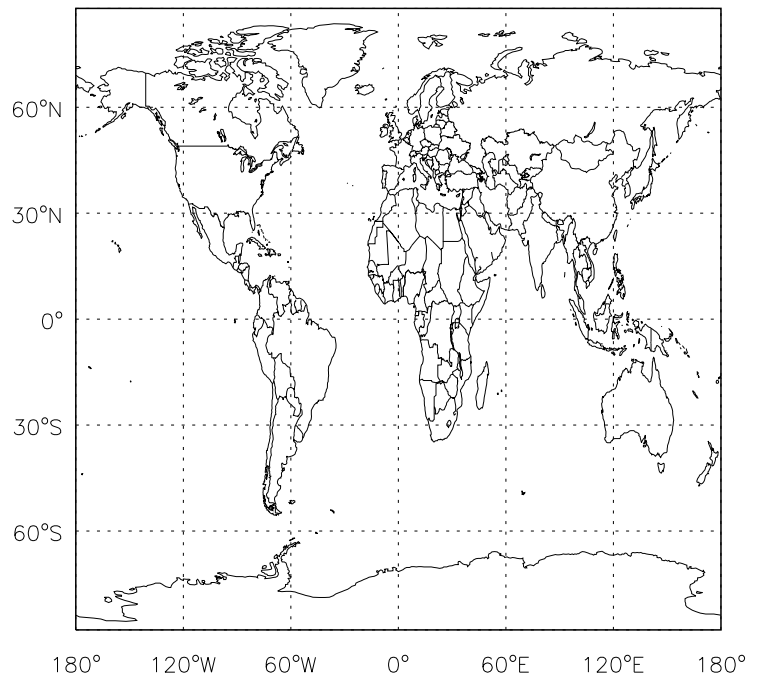
v11-01g-Run0 - v11-01f-geosfp-Run0  
ISOPNB - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
ISOPNB - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1  
ISOPNB - Diff @ 500 hPa for Apr

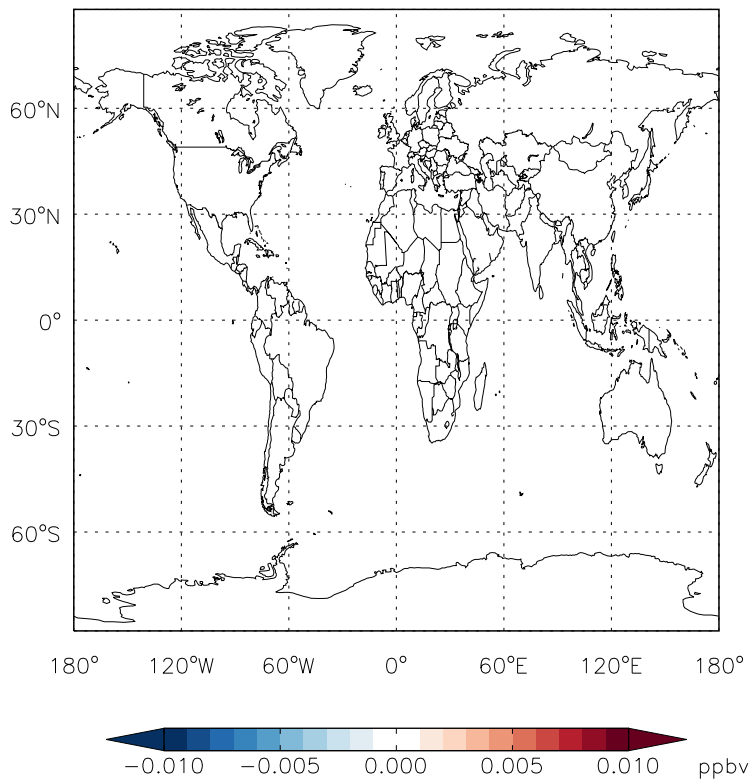




# GEOS-Chem Difference Maps at surface and 500 hPa

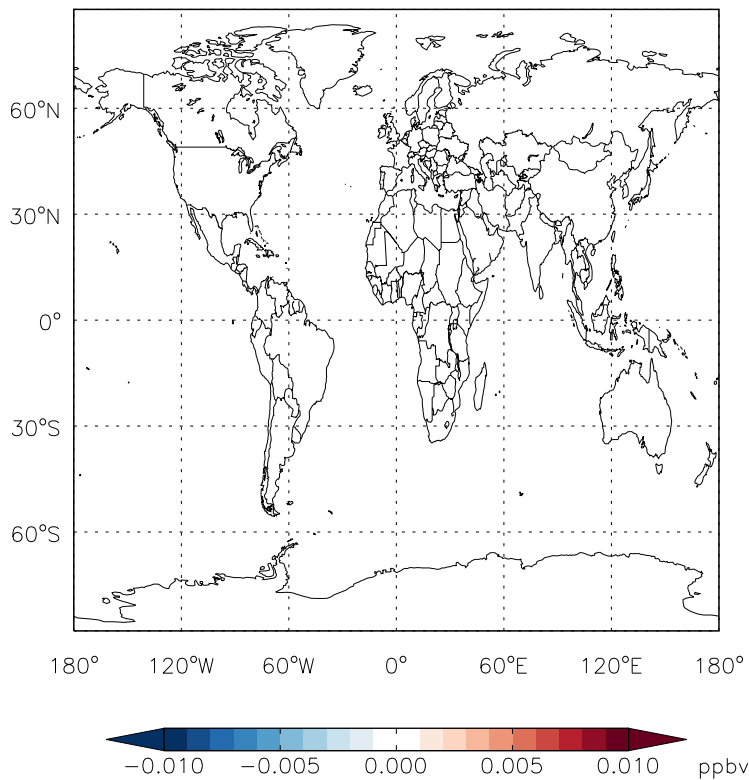
v11-01g-Run0 - v11-01f-geosfp-Run0

MOBA - Diff @ Surface for Apr



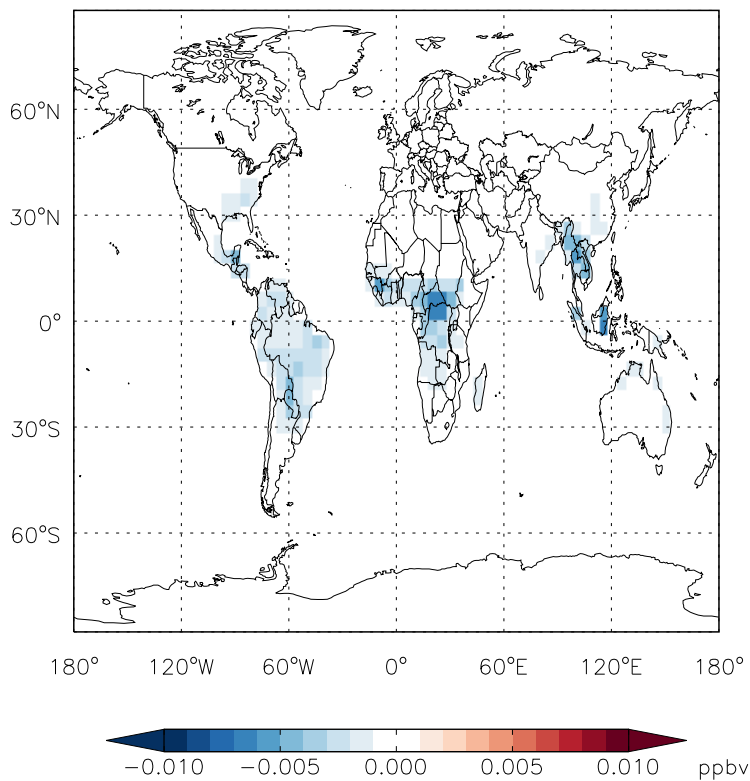
v11-01g-Run0 - v11-01f-geosfp-Run0

MOBA- Diff @ 500 hPa for Apr



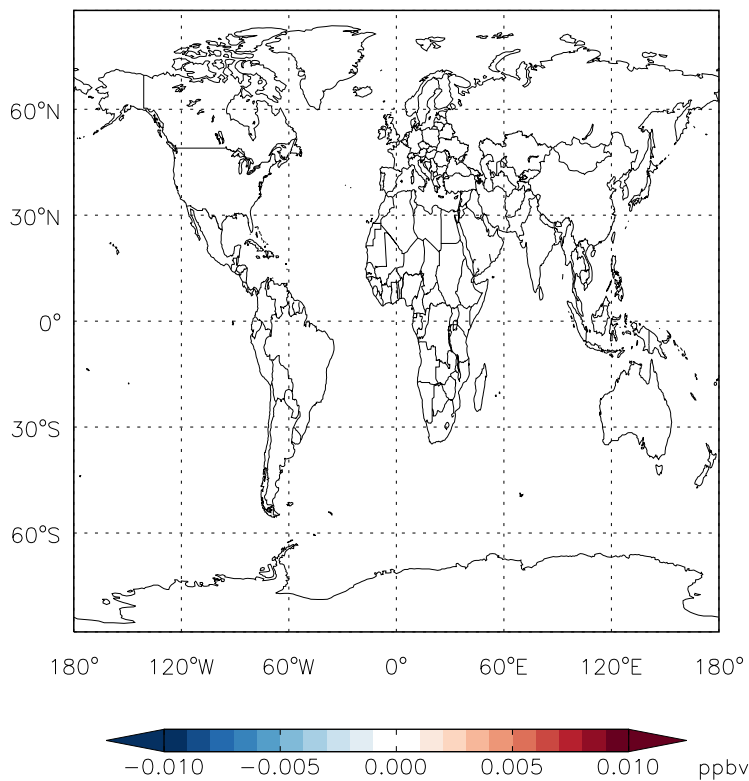
v11-01g-Run0 - v11-01d-Run1

MOBA - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

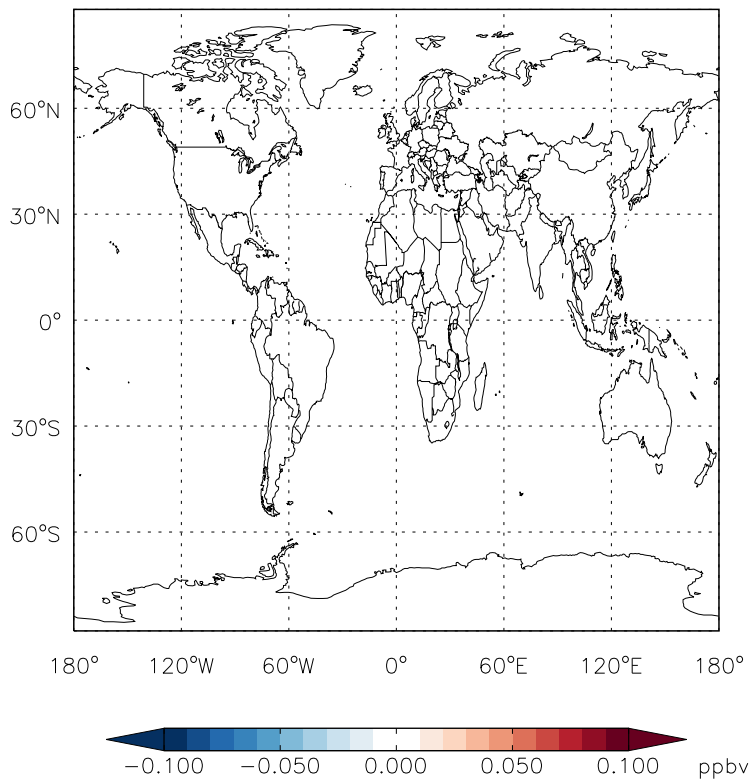
MOBA- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

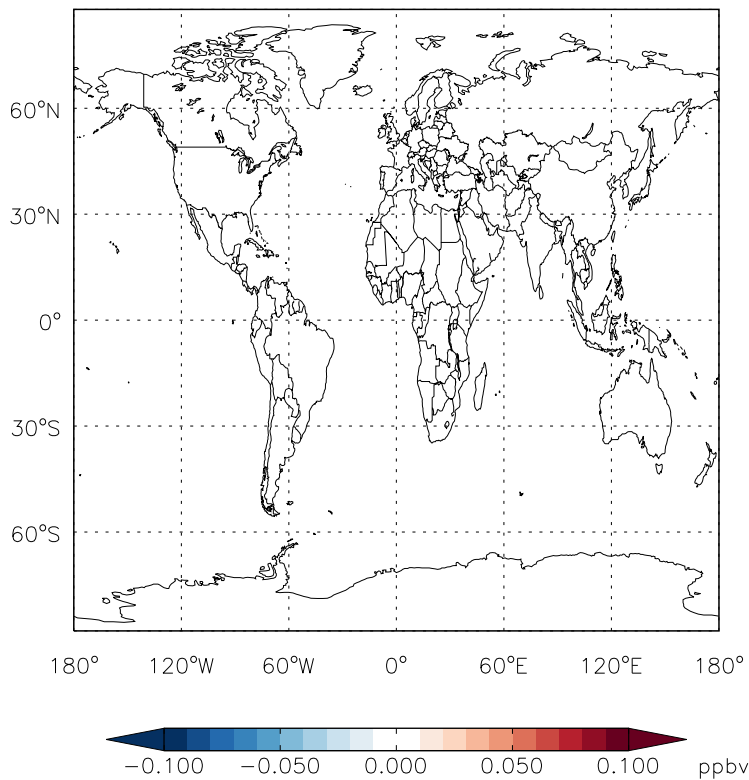
v11-01g-Run0 - v11-01f-geosfp-Run0

PROPNN - Diff @ Surface for Apr



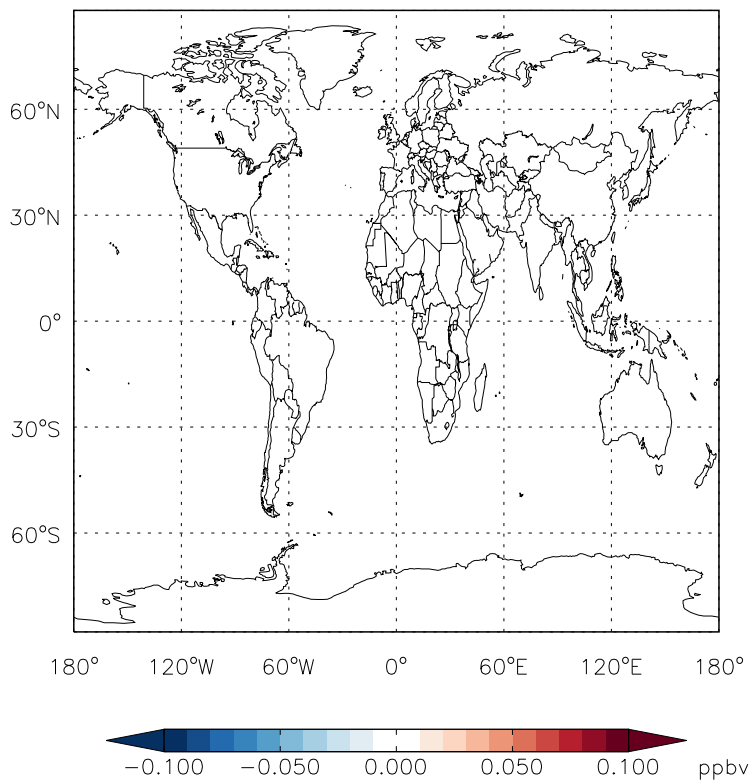
v11-01g-Run0 - v11-01f-geosfp-Run0

PROPNN- Diff @ 500 hPa for Apr



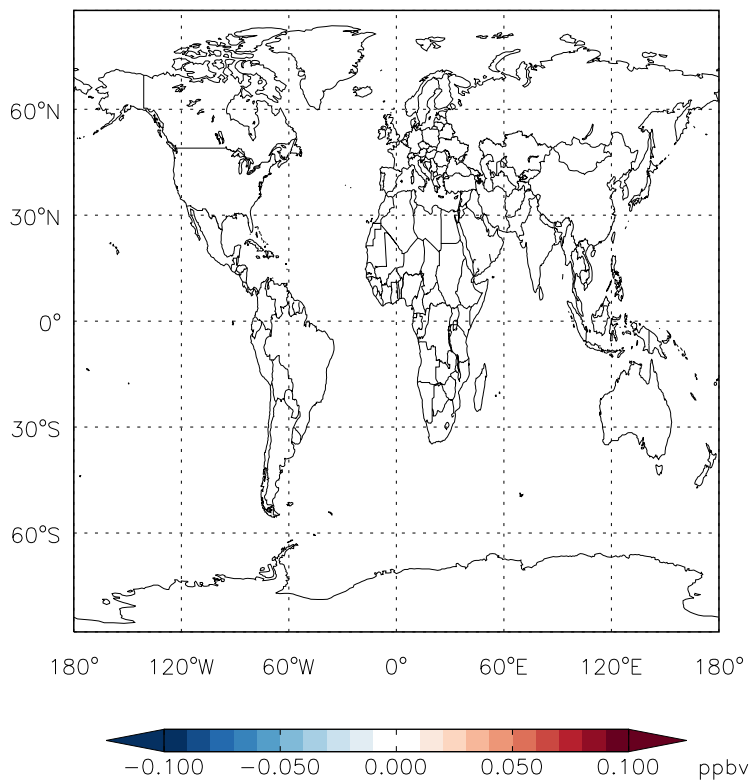
v11-01g-Run0 - v11-01d-Run1

PROPNN - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

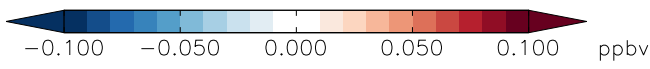
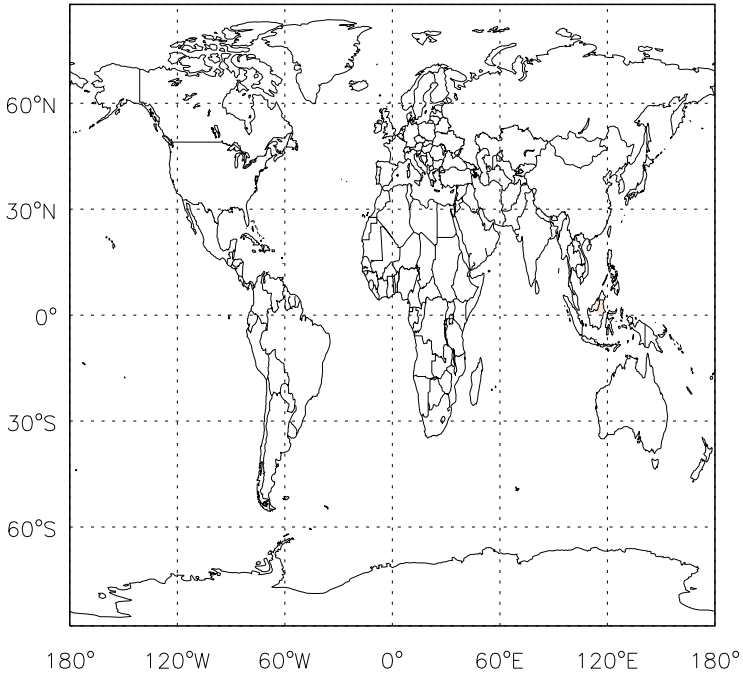
PROPNN- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

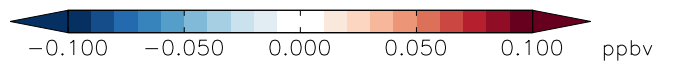
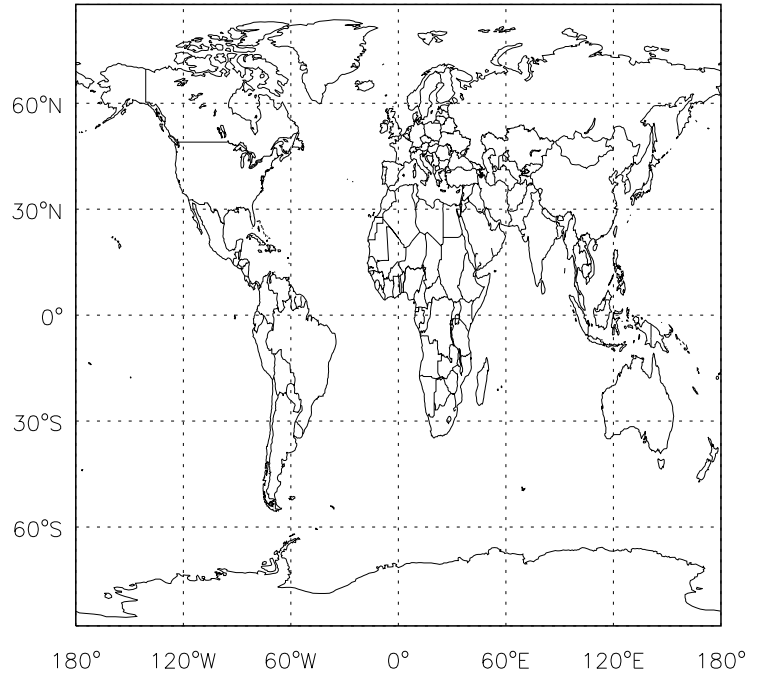
v11-01g-Run0 - v11-01f-geosfp-Run0

HAC - Diff @ Surface for Apr



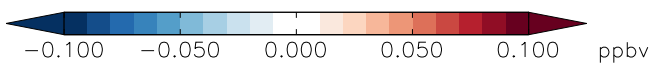
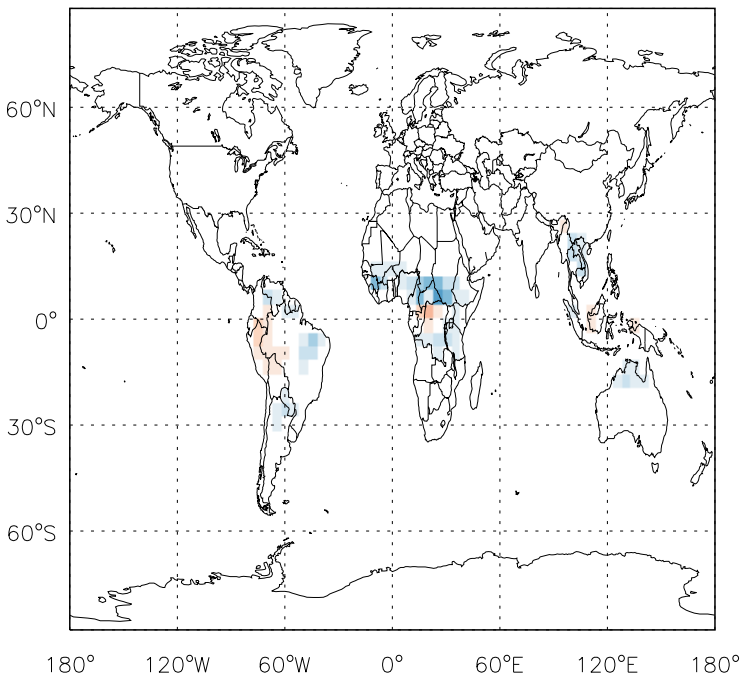
v11-01g-Run0 - v11-01f-geosfp-Run0

HAC - Diff @ 500 hPa for Apr



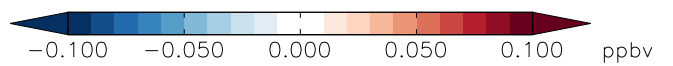
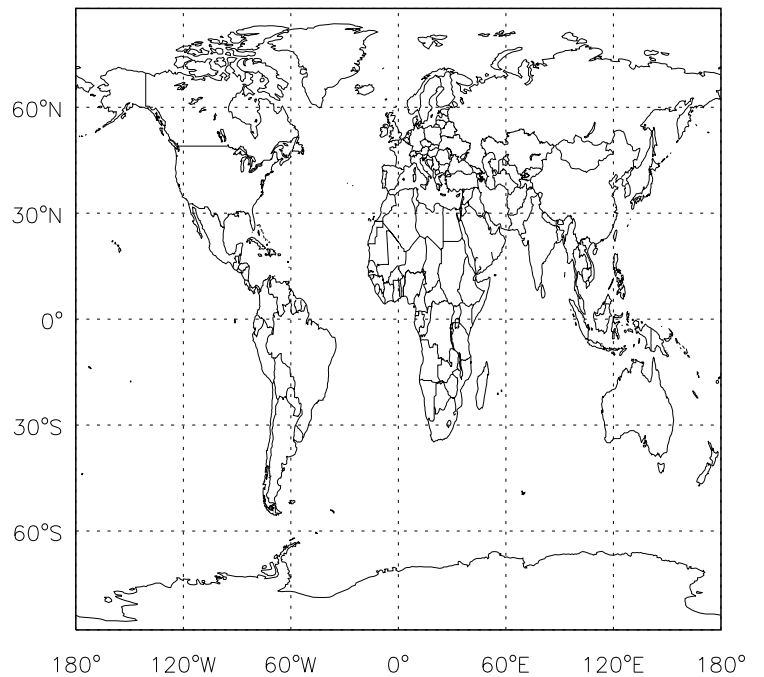
v11-01g-Run0 - v11-01d-Run1

HAC - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

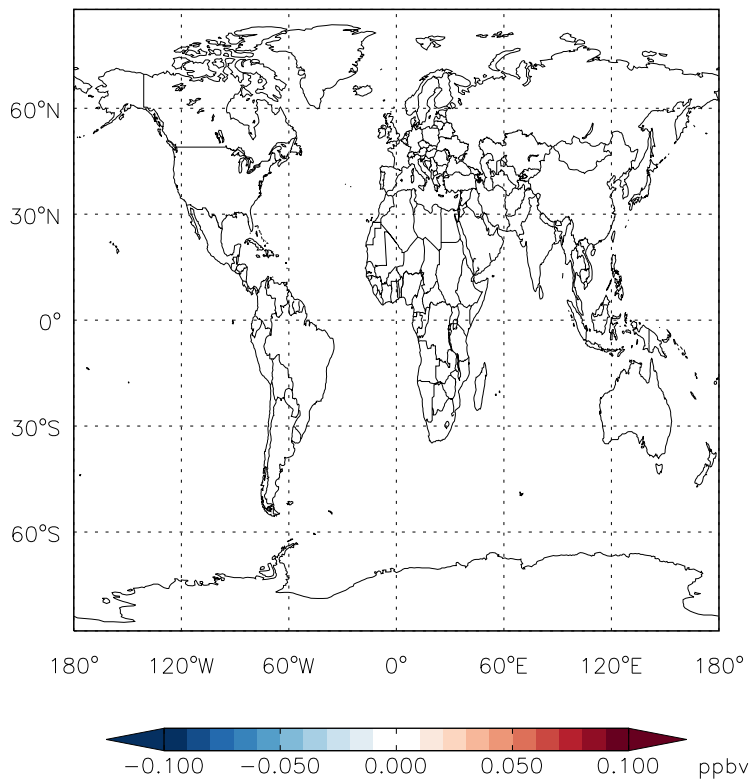
HAC - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

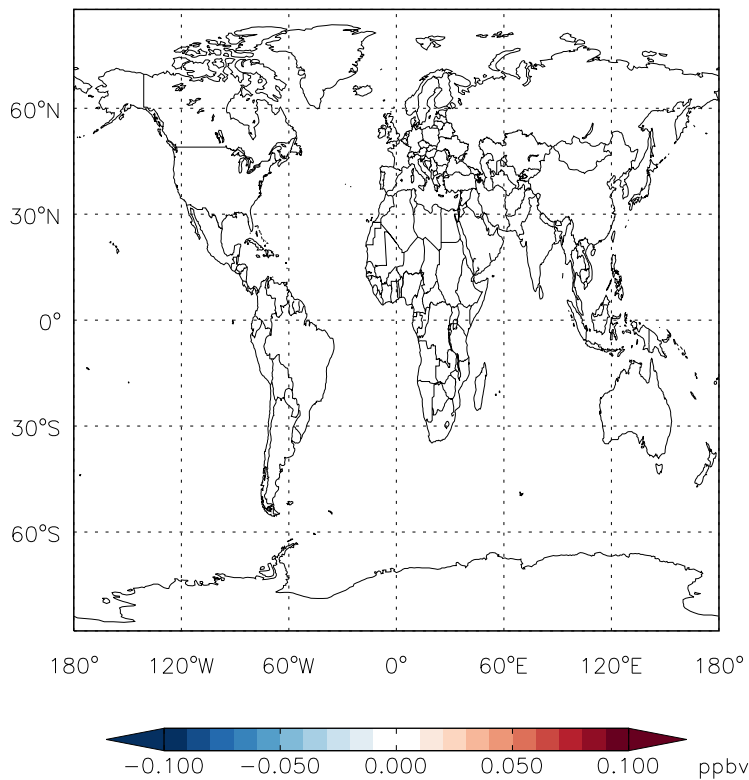
v11-01g-Run0 - v11-01f-geosfp-Run0

GLYC - Diff @ Surface for Apr



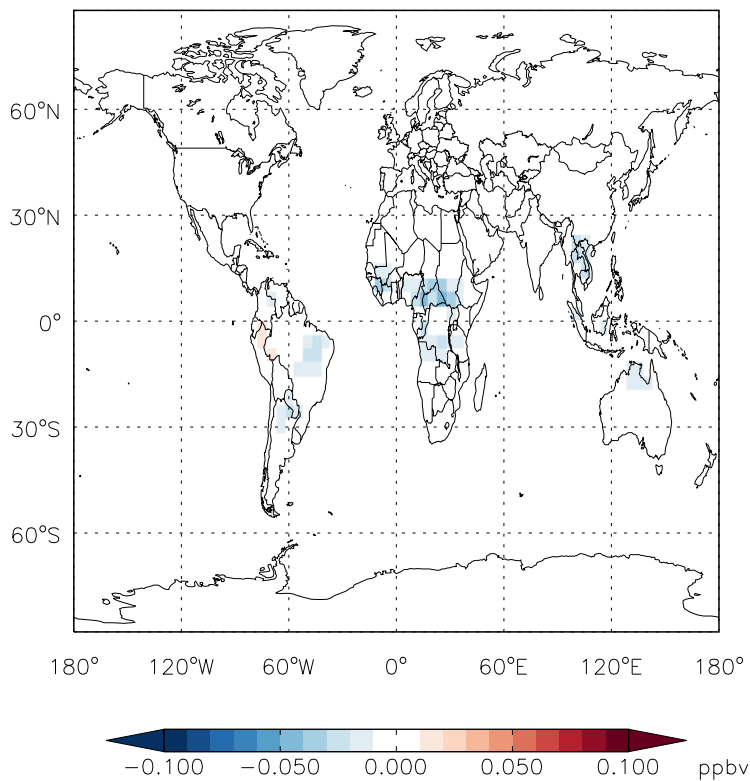
v11-01g-Run0 - v11-01f-geosfp-Run0

GLYC - Diff @ 500 hPa for Apr



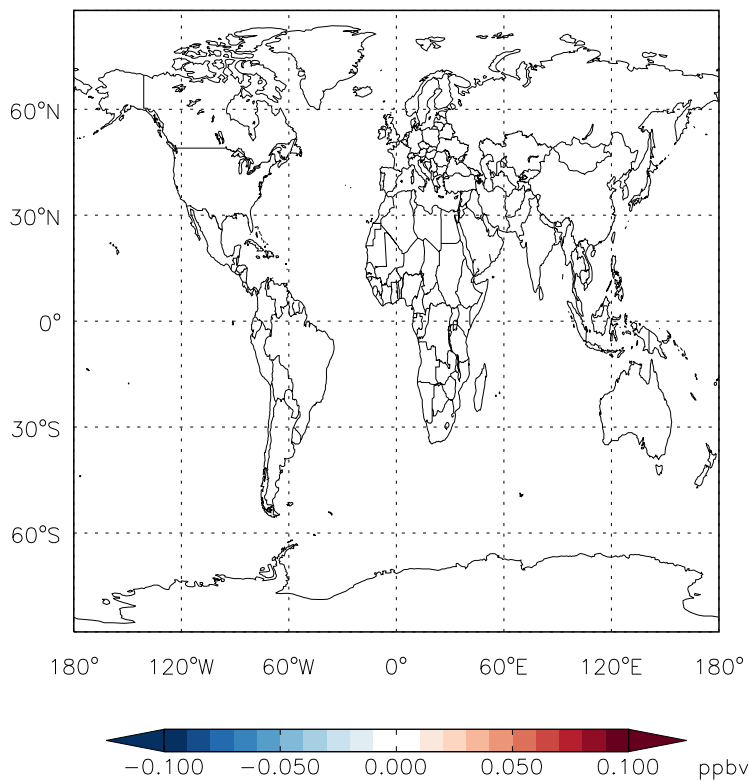
v11-01g-Run0 - v11-01d-Run1

GLYC - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

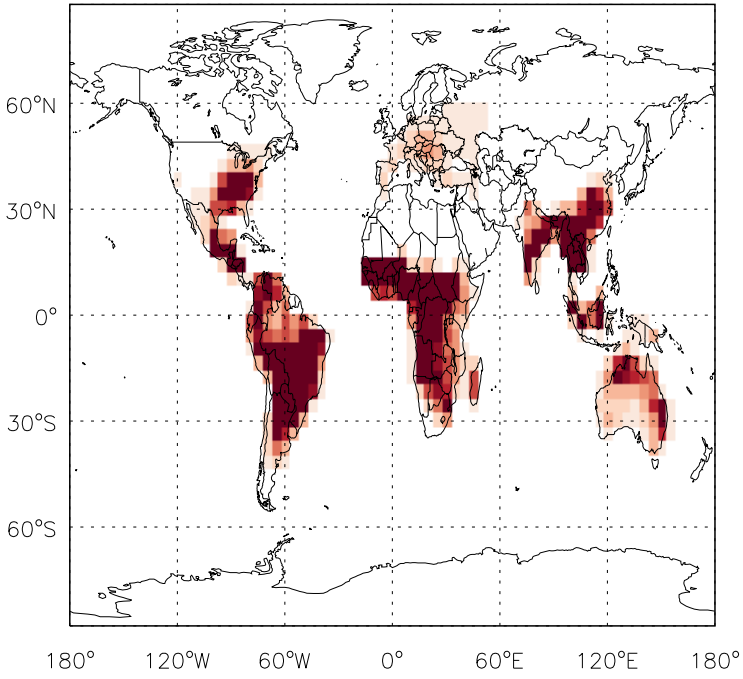
GLYC - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

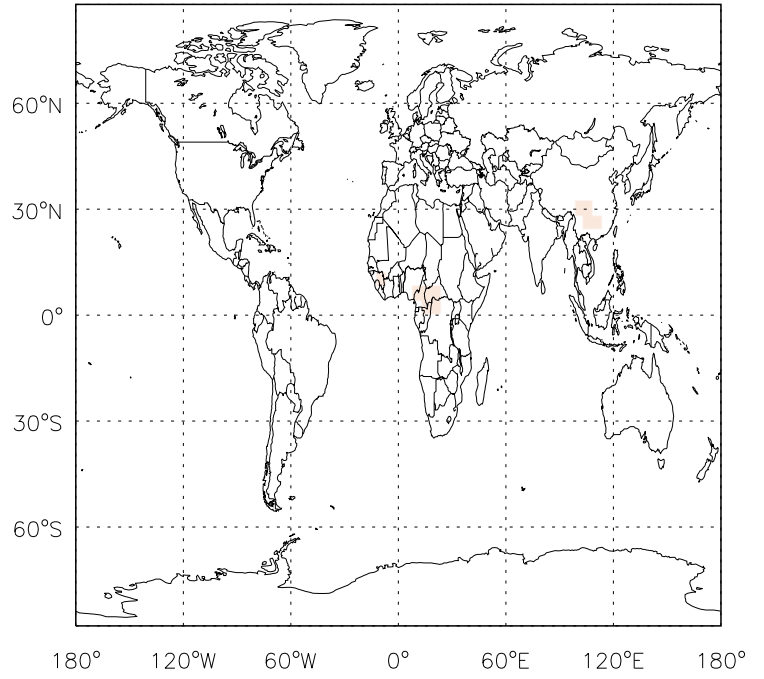
v11-01g-Run0 - v11-01f-geosfp-Run0

MVKN - Diff @ Surface for Apr



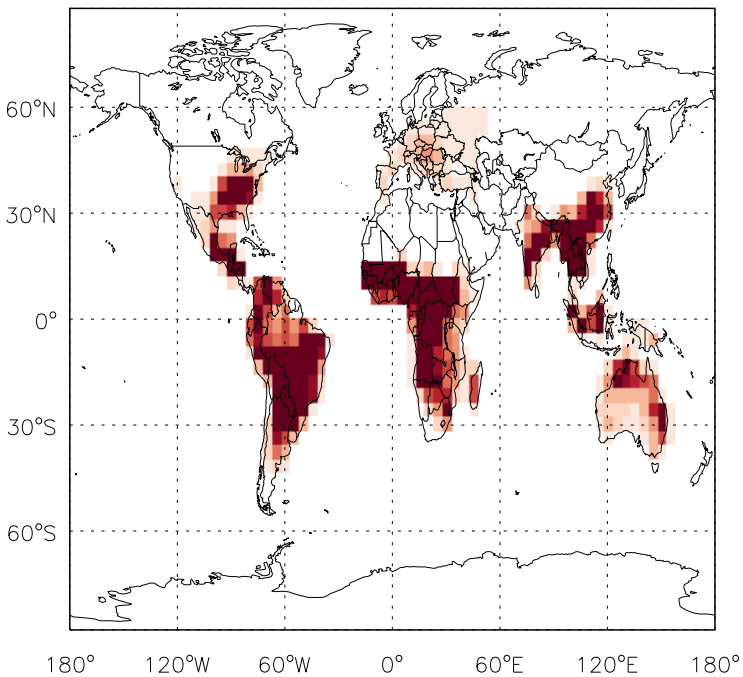
v11-01g-Run0 - v11-01f-geosfp-Run0

MVKN- Diff @ 500 hPa for Apr



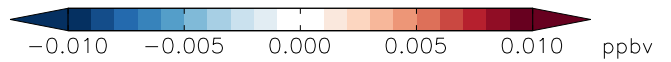
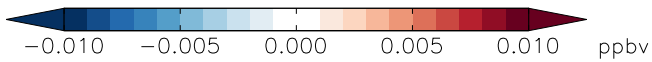
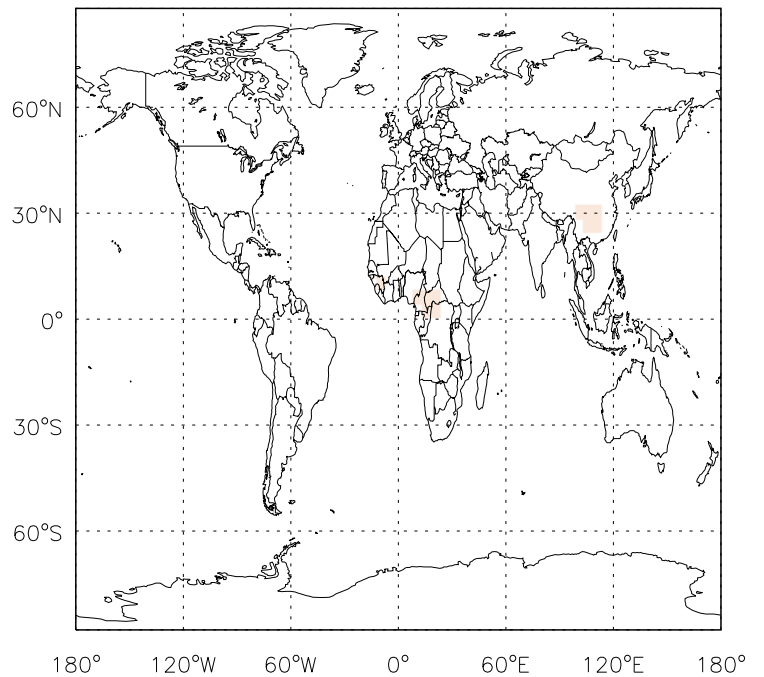
v11-01g-Run0 - v11-01d-Run1

MVKN - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

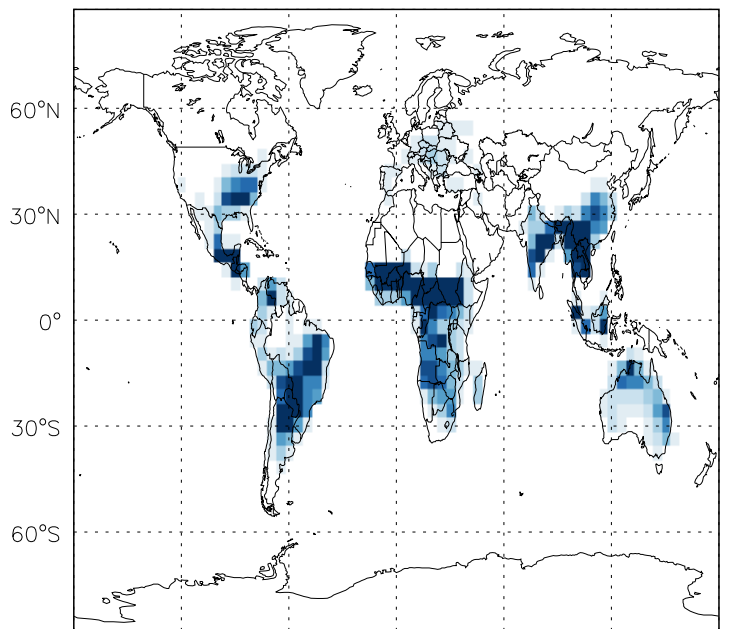
MVKN- Diff @ 500 hPa for Apr



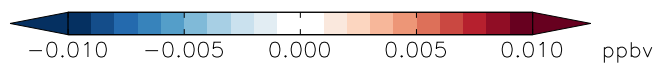
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

MACRN - Diff @ Surface for Apr

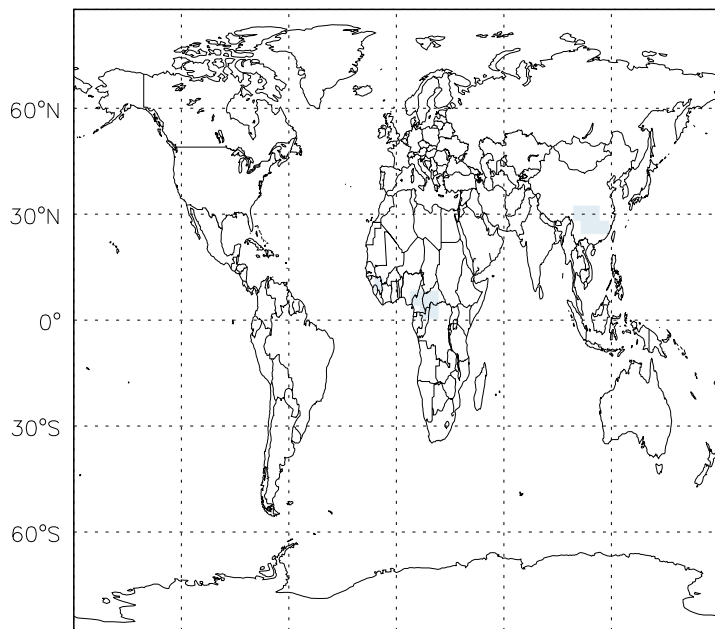


180° 120°W 60°W 0° 60°E 120°E 180°

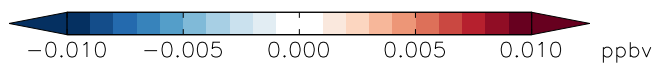


v11-01g-Run0 - v11-01f-geosfp-Run0

MACRN - Diff @ 500 hPa for Apr

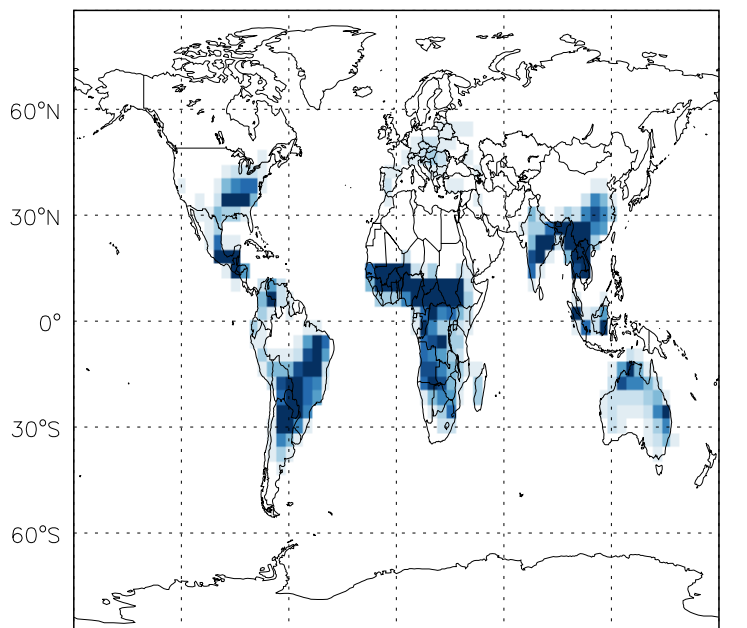


180° 120°W 60°W 0° 60°E 120°E 180°

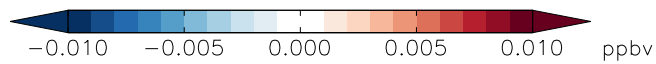


v11-01g-Run0 - v11-01d-Run1

MACRN - Diff @ Surface for Apr

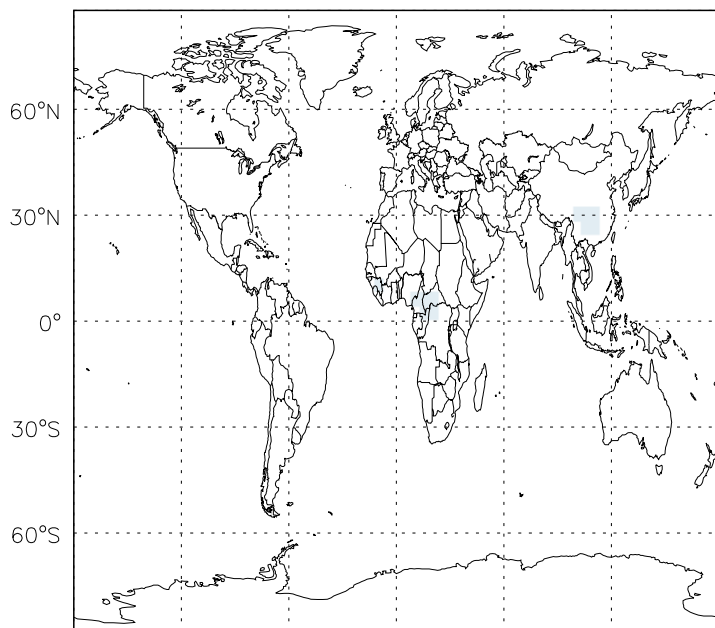


180° 120°W 60°W 0° 60°E 120°E 180°

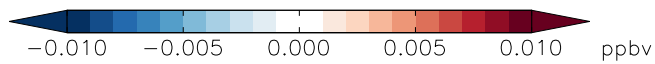


v11-01g-Run0 - v11-01d-Run1

MACRN - Diff @ 500 hPa for Apr



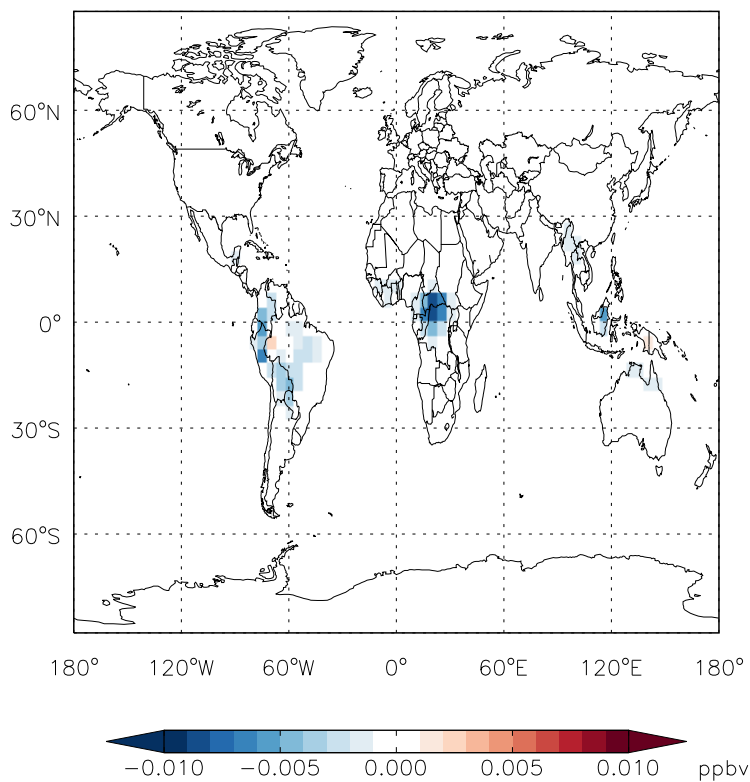
180° 120°W 60°W 0° 60°E 120°E 180°



# GEOS-Chem Difference Maps at surface and 500 hPa

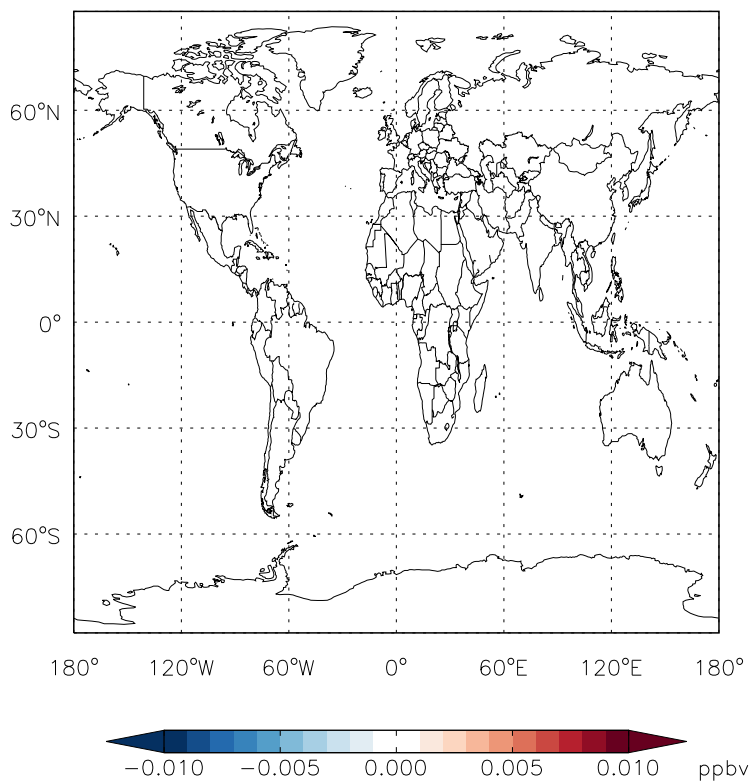
v11-01g-Run0 - v11-01f-geosfp-Run0

RIP - Diff @ Surface for Apr



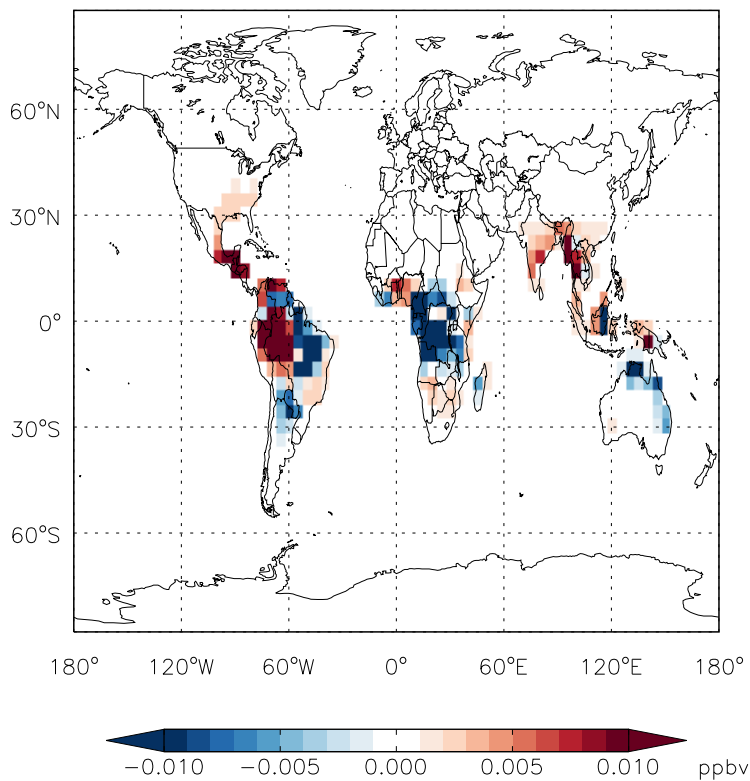
v11-01g-Run0 - v11-01f-geosfp-Run0

RIP- Diff @ 500 hPa for Apr



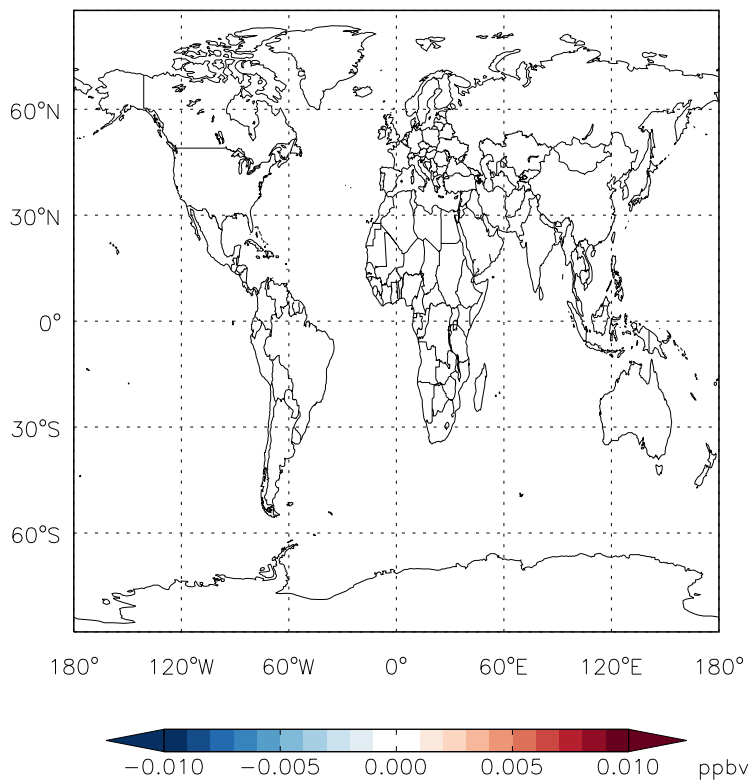
v11-01g-Run0 - v11-01d-Run1

RIP - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

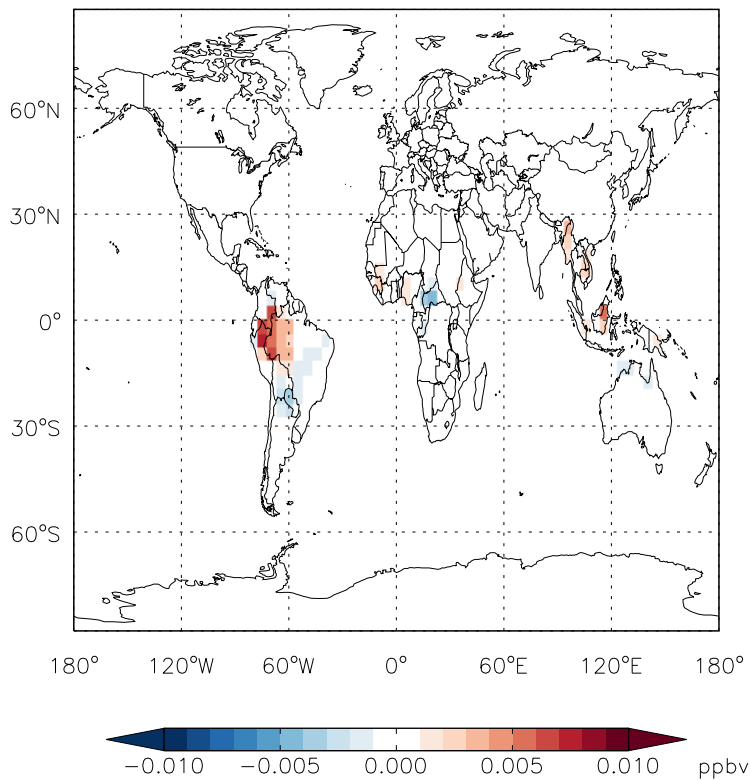
RIP- Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

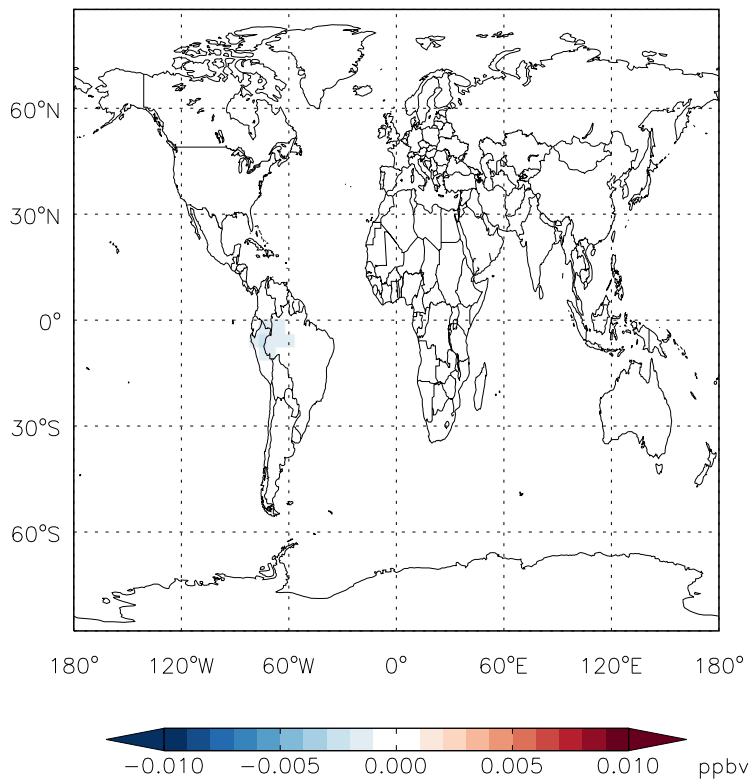
v11-01g-Run0 - v11-01f-geosfp-Run0

IEPOX - Diff @ Surface for Apr



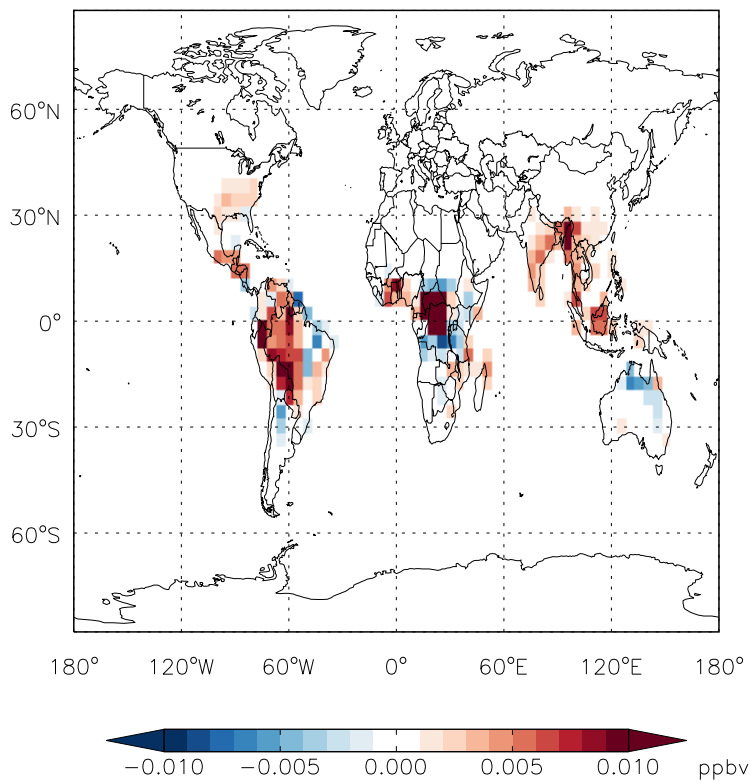
v11-01g-Run0 - v11-01f-geosfp-Run0

IEPOX - Diff @ 500 hPa for Apr



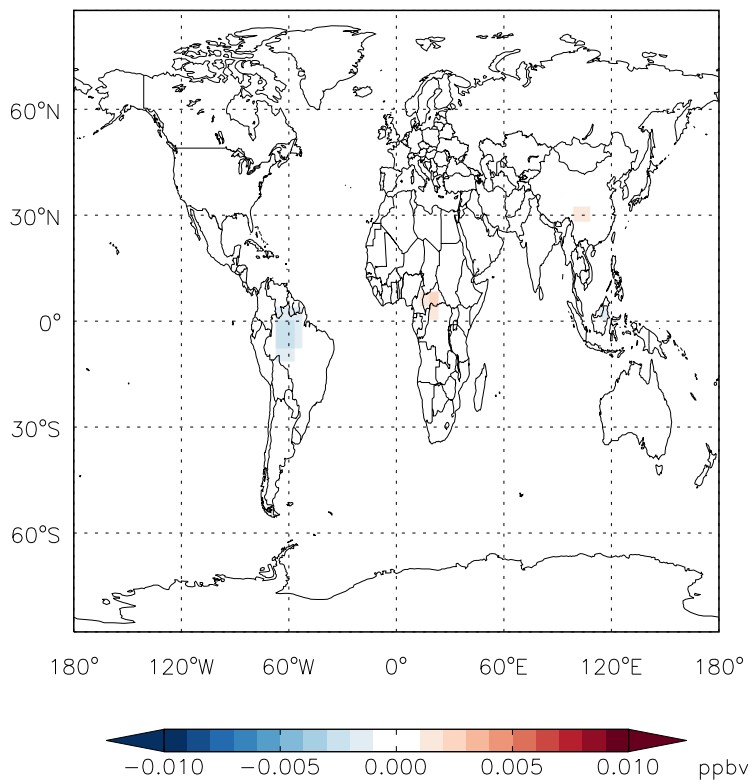
v11-01g-Run0 - v11-01d-Run1

IEPOX - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

IEPOX - Diff @ 500 hPa for Apr

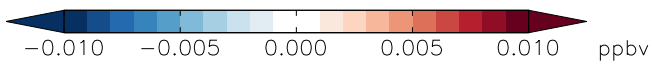
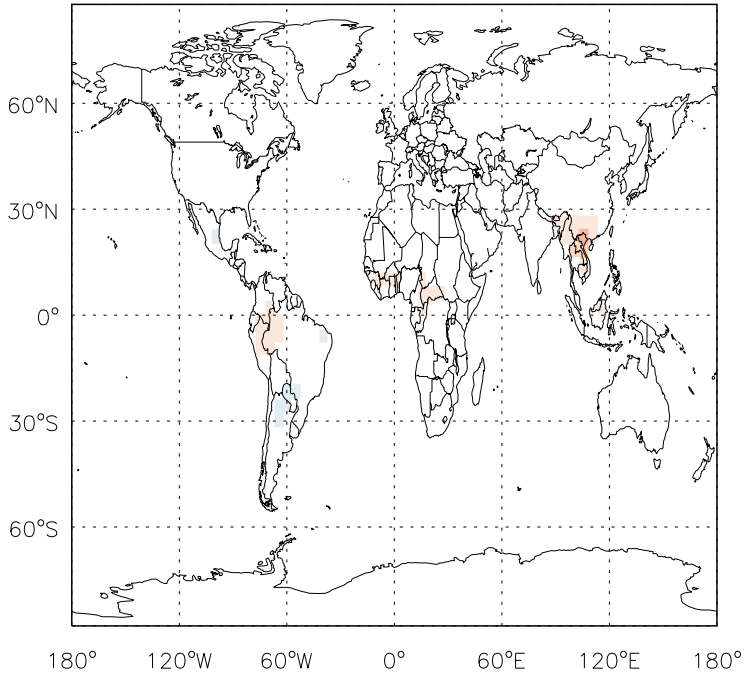




# GEOS-Chem Difference Maps at surface and 500 hPa

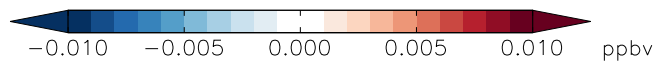
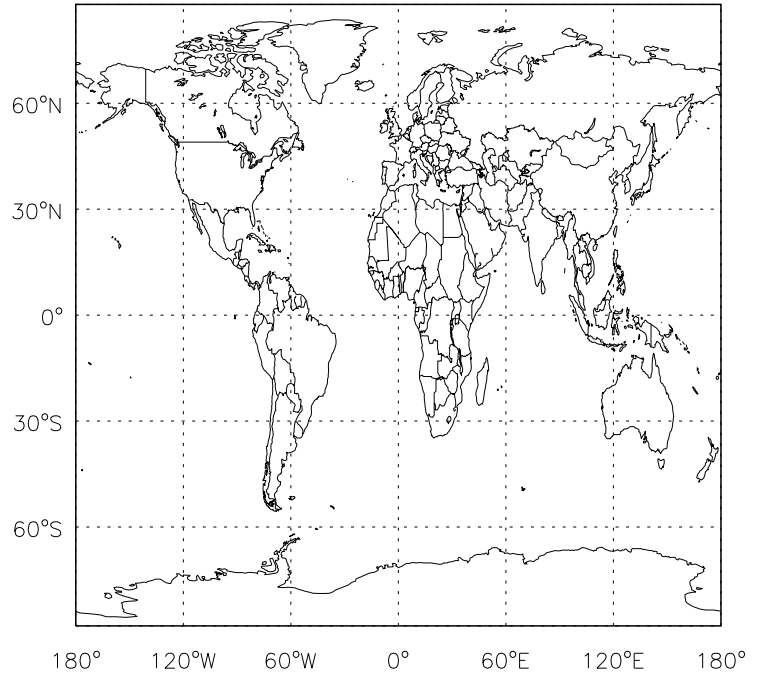
v11-01g-Run0 - v11-01f-geosfp-Run0

MAP - Diff @ Surface for Apr



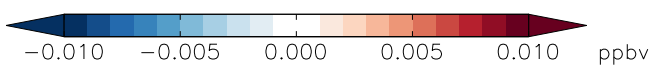
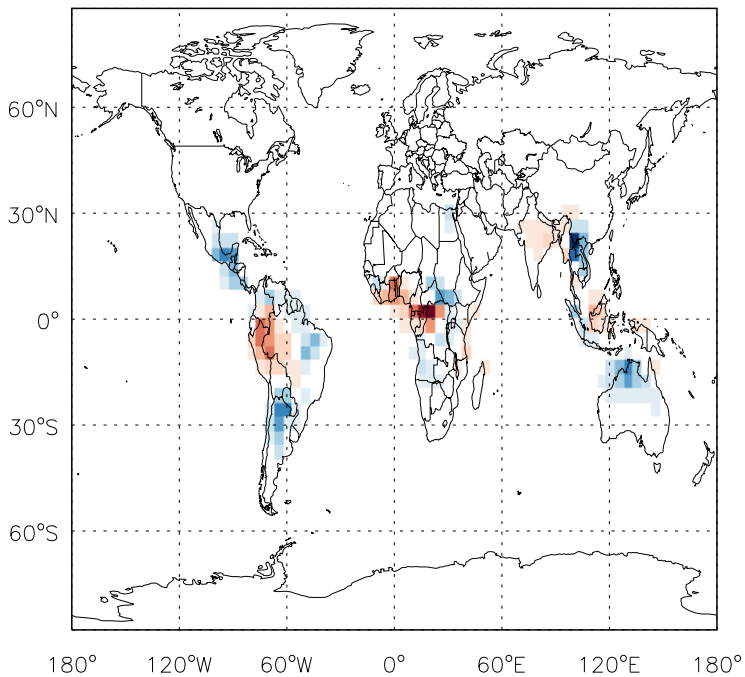
v11-01g-Run0 - v11-01f-geosfp-Run0

MAP - Diff @ 500 hPa for Apr



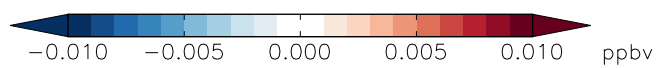
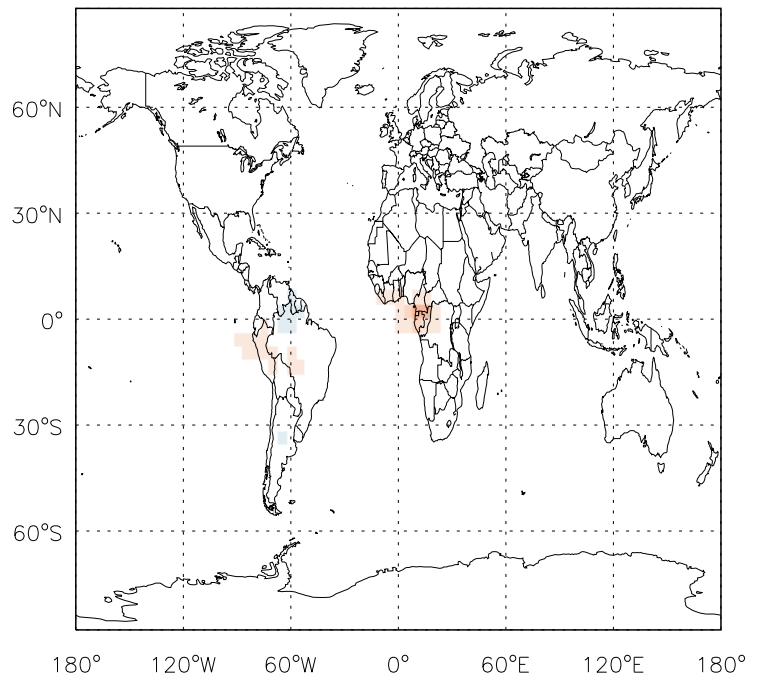
v11-01g-Run0 - v11-01d-Run1

MAP - Diff @ Surface for Apr



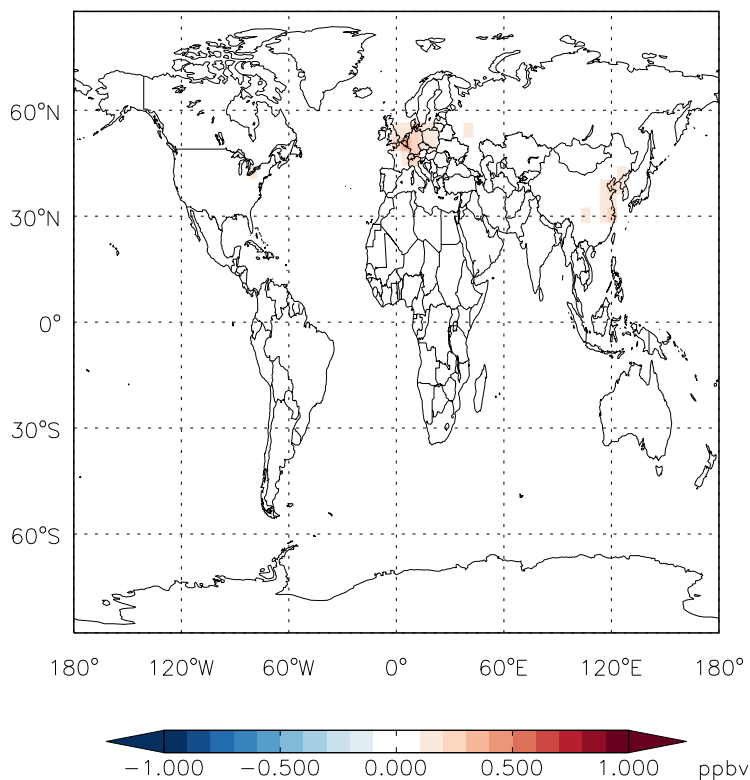
v11-01g-Run0 - v11-01d-Run1

MAP - Diff @ 500 hPa for Apr

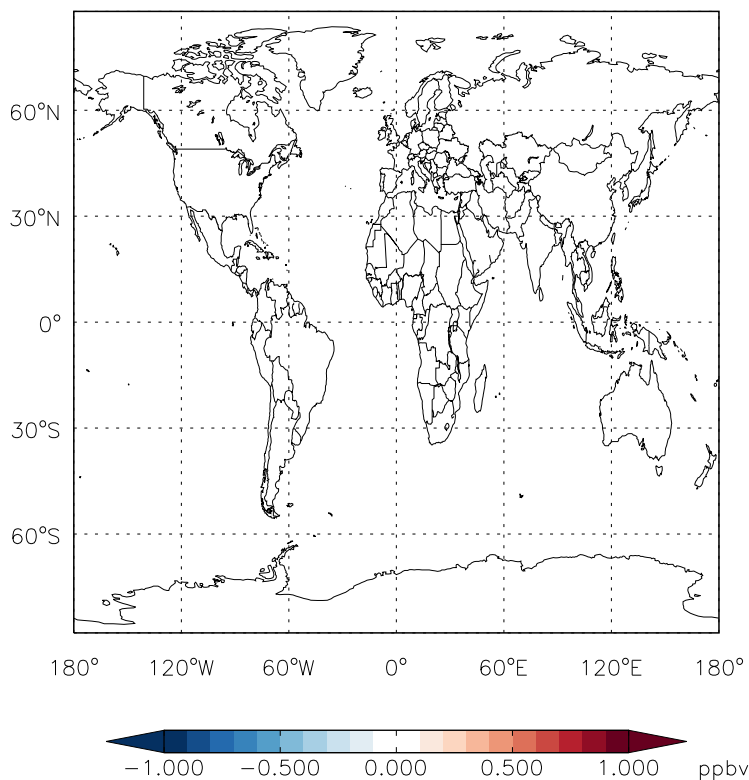


GEOS-Chem Difference Maps at surface and 500 hPa

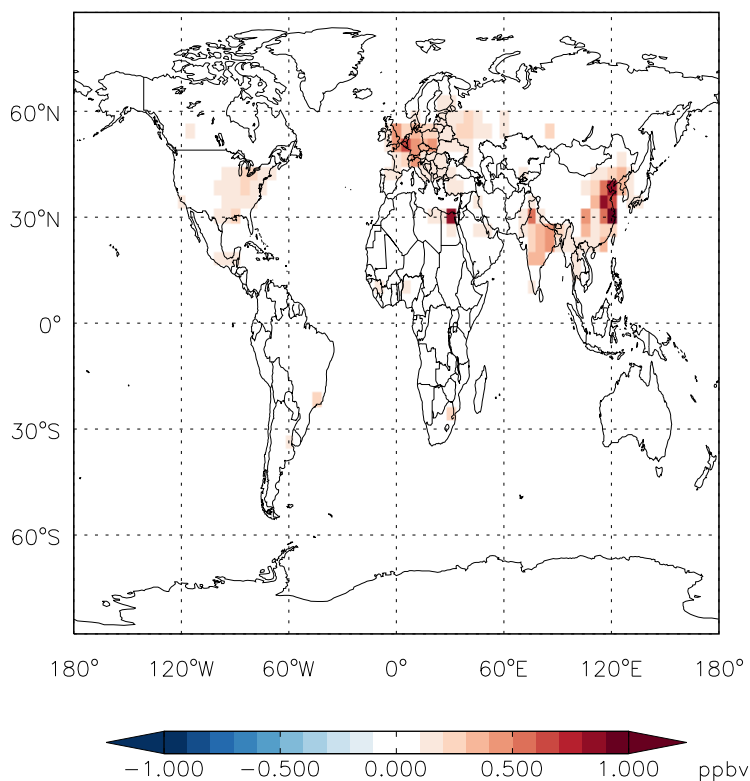
v11-01g-Run0 - v11-01f-geosfp-Run0  
NO<sub>2</sub> - Diff @ Surface for Apr



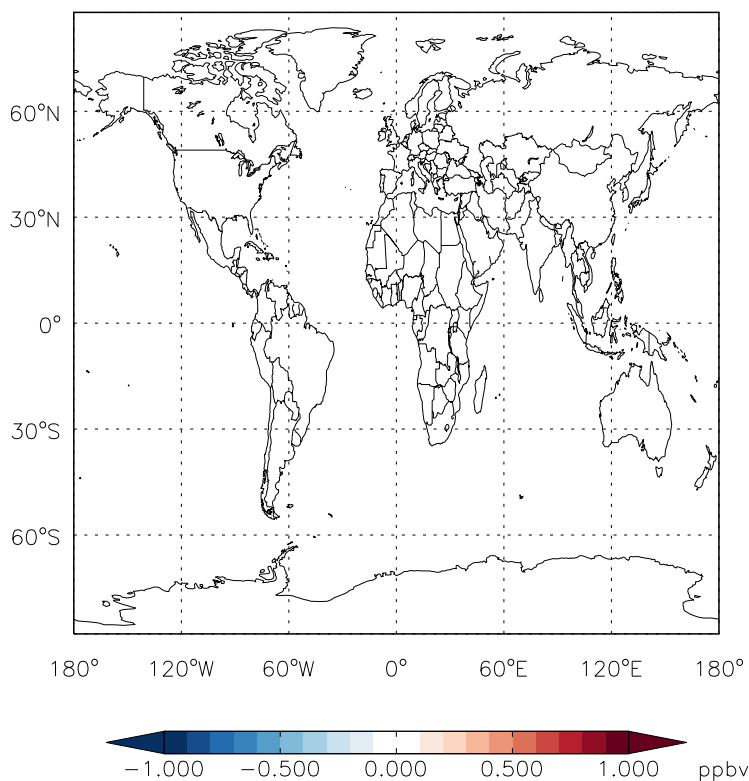
v11-01g-Run0 - v11-01f-geosfp-Run0  
NO<sub>2</sub> - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
NO<sub>2</sub> - Diff @ Surface for Apr

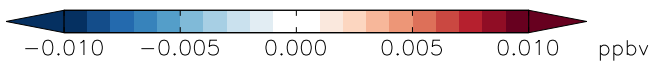
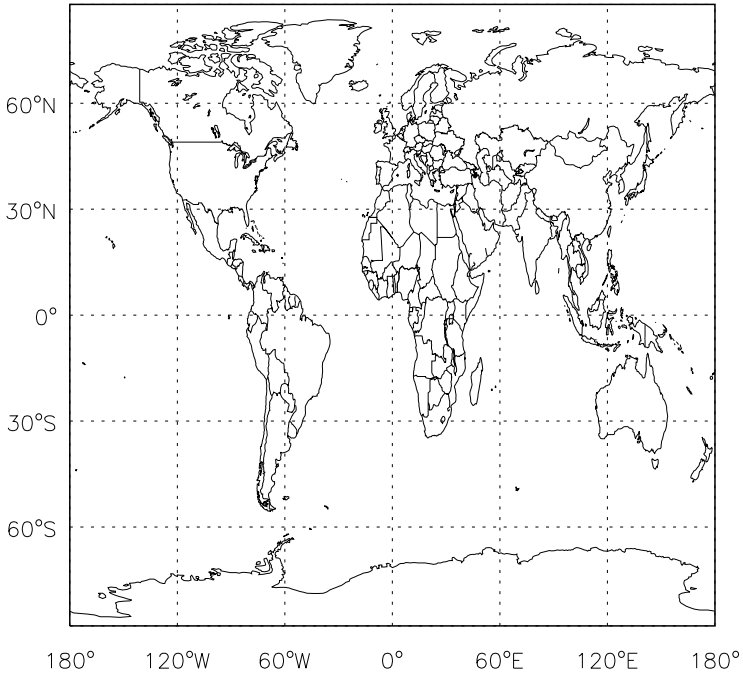


v11-01g-Run0 - v11-01d-Run1  
NO<sub>2</sub> - Diff @ 500 hPa for Apr

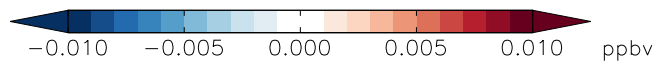
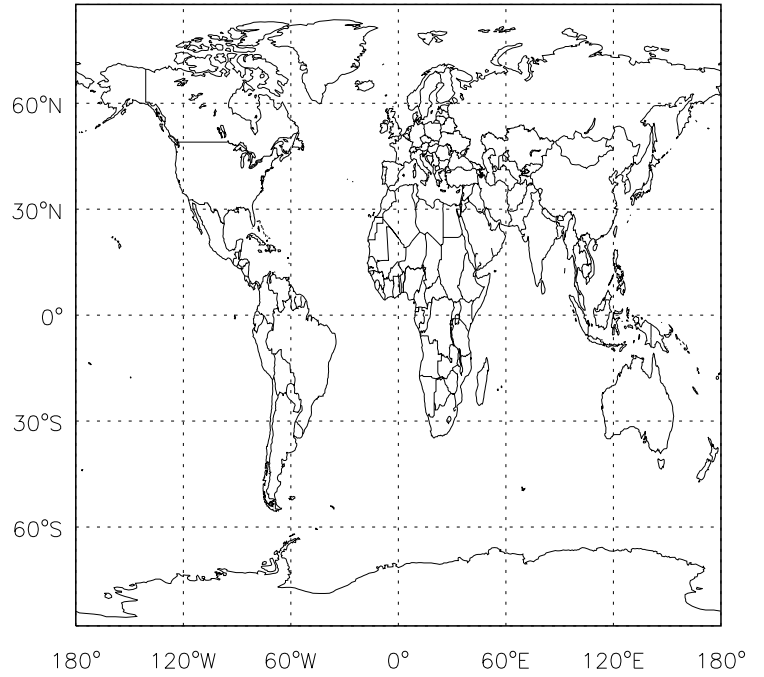


GEOS-Chem Difference Maps at surface and 500 hPa

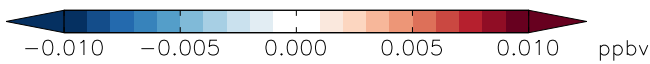
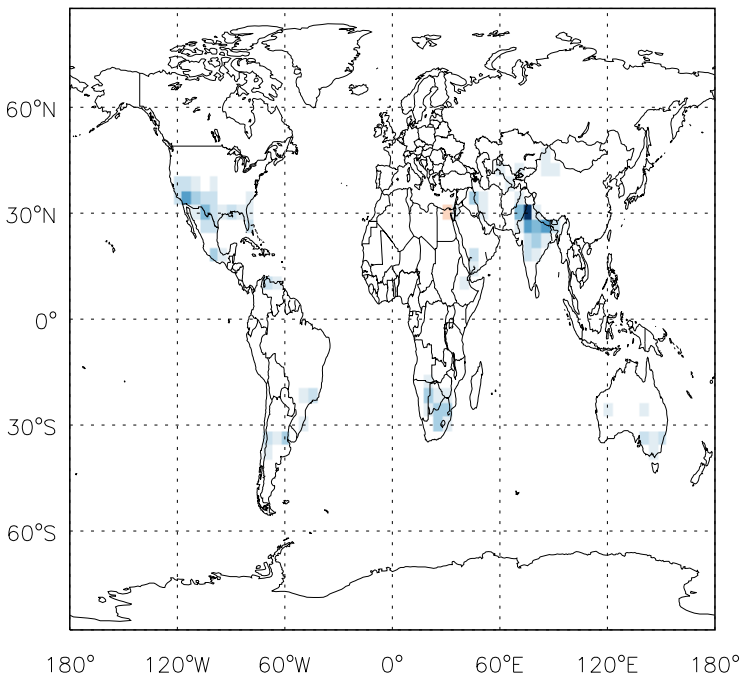
v11-01g-Run0 - v11-01f-geosfp-Run0  
NO<sub>3</sub> - Diff @ Surface for Apr



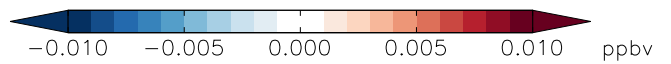
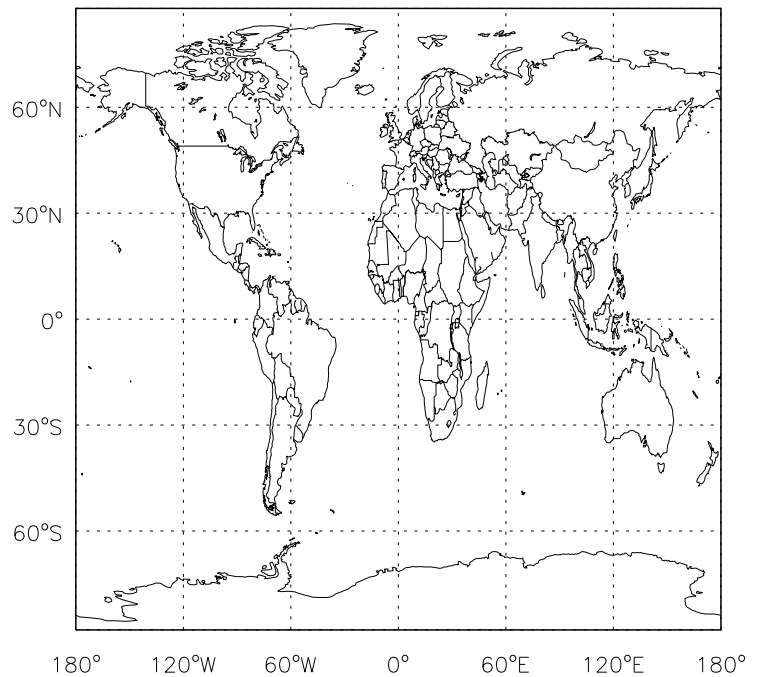
v11-01g-Run0 - v11-01f-geosfp-Run0  
NO<sub>3</sub>- Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
NO<sub>3</sub> - Diff @ Surface for Apr

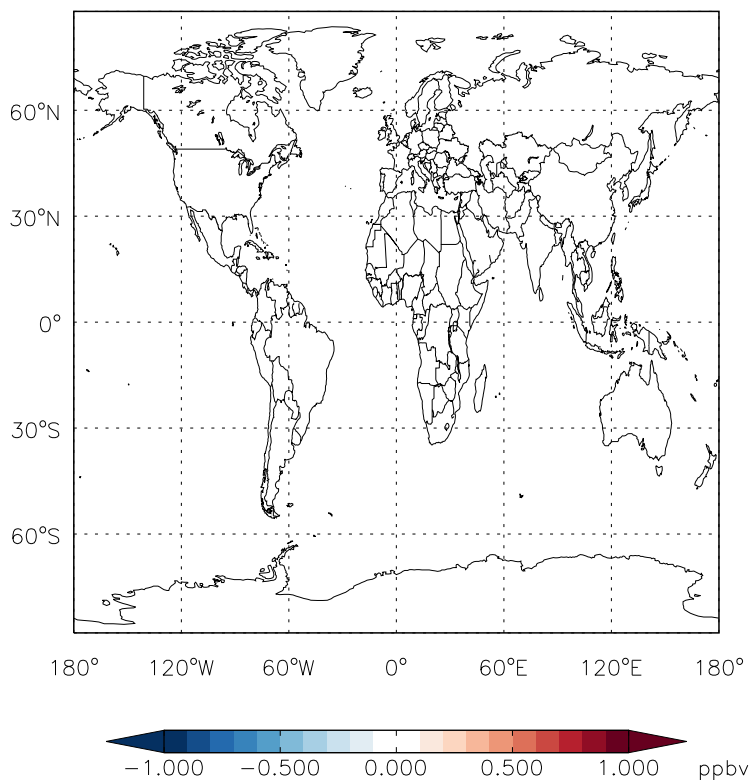


v11-01g-Run0 - v11-01d-Run1  
NO<sub>3</sub>- Diff @ 500 hPa for Apr

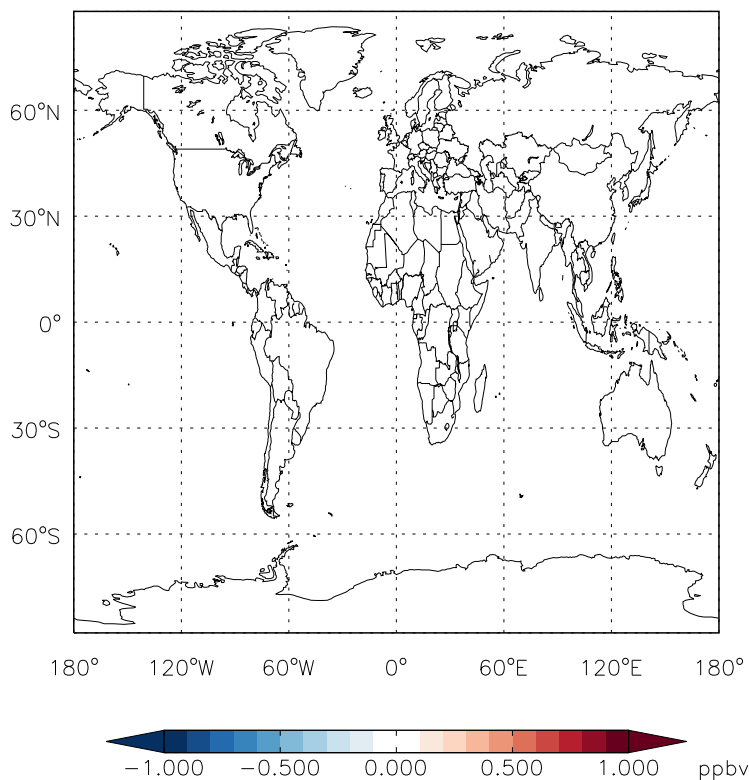


GEOS-Chem Difference Maps at surface and 500 hPa

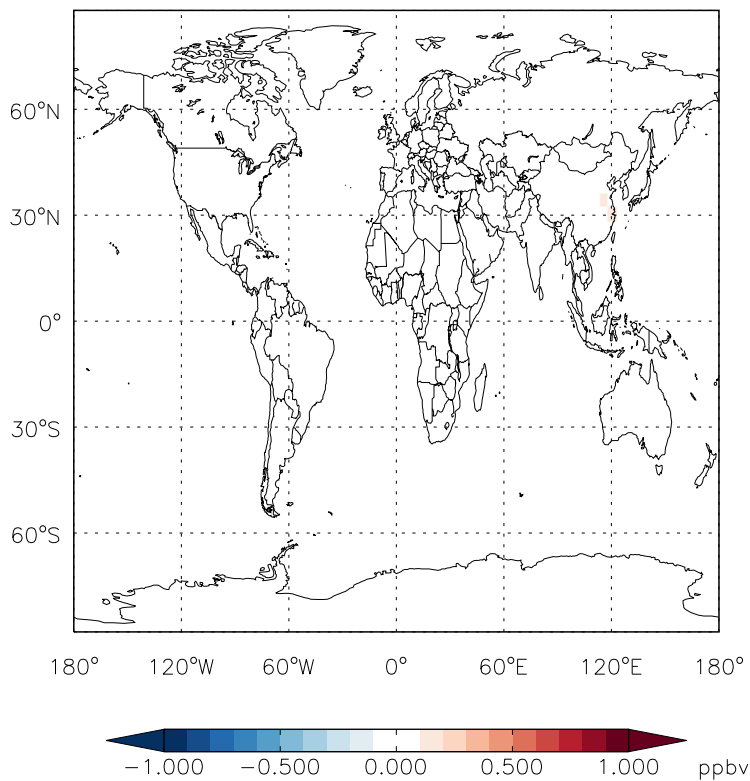
v11-01g-Run0 - v11-01f-geosfp-Run0  
HNO<sub>2</sub> - Diff @ Surface for Apr



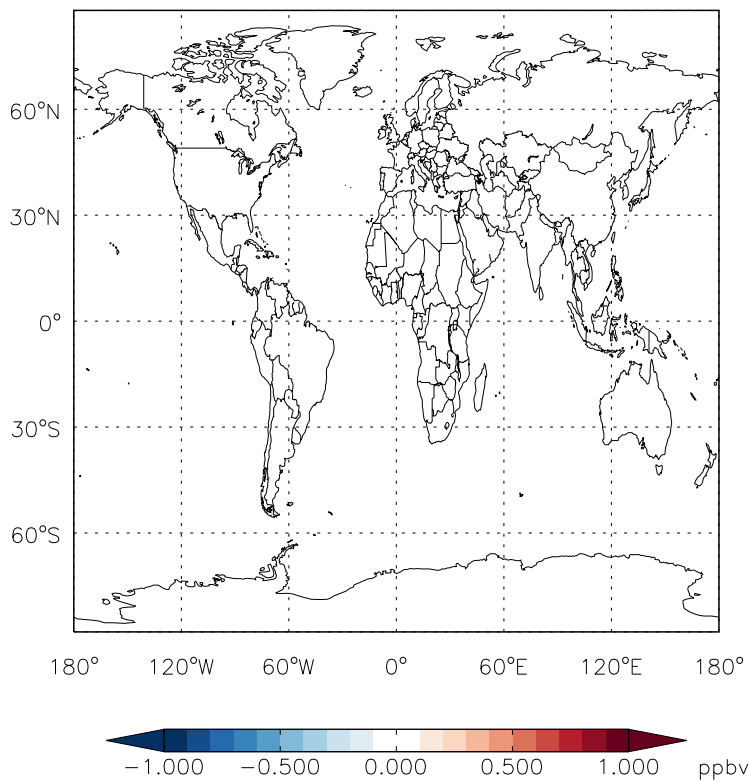
v11-01g-Run0 - v11-01f-geosfp-Run0  
HNO<sub>2</sub> - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
HNO<sub>2</sub> - Diff @ Surface for Apr

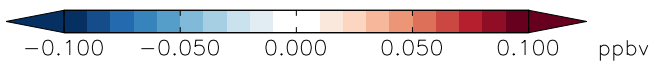
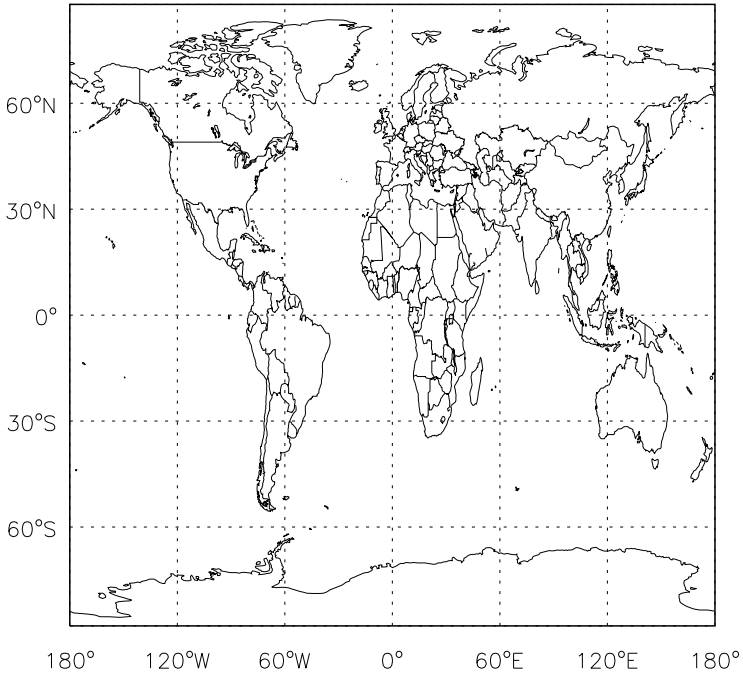


v11-01g-Run0 - v11-01d-Run1  
HNO<sub>2</sub> - Diff @ 500 hPa for Apr

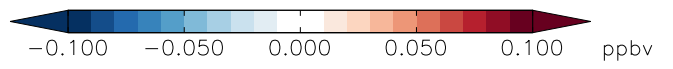
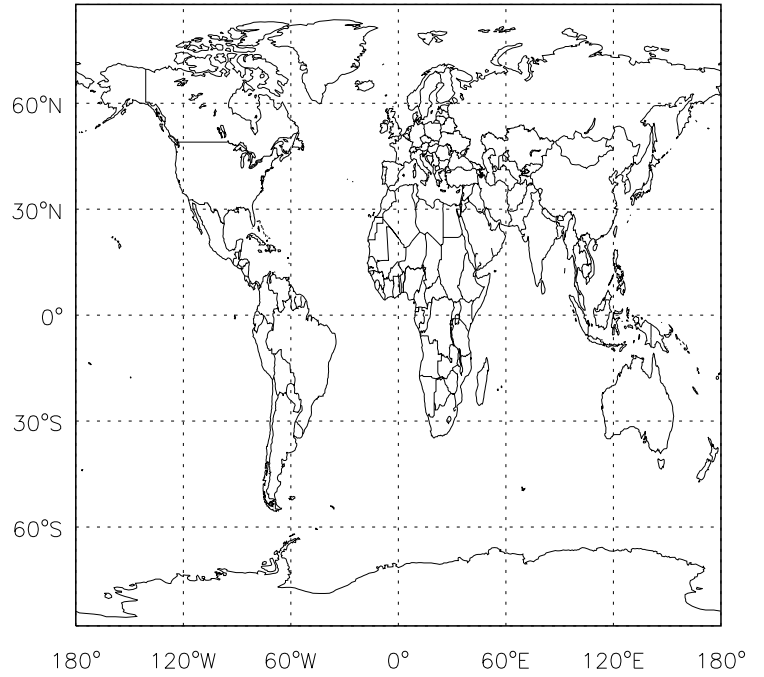


GEOS-Chem Difference Maps at surface and 500 hPa

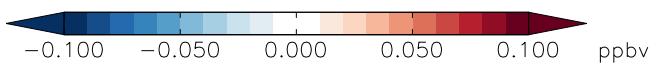
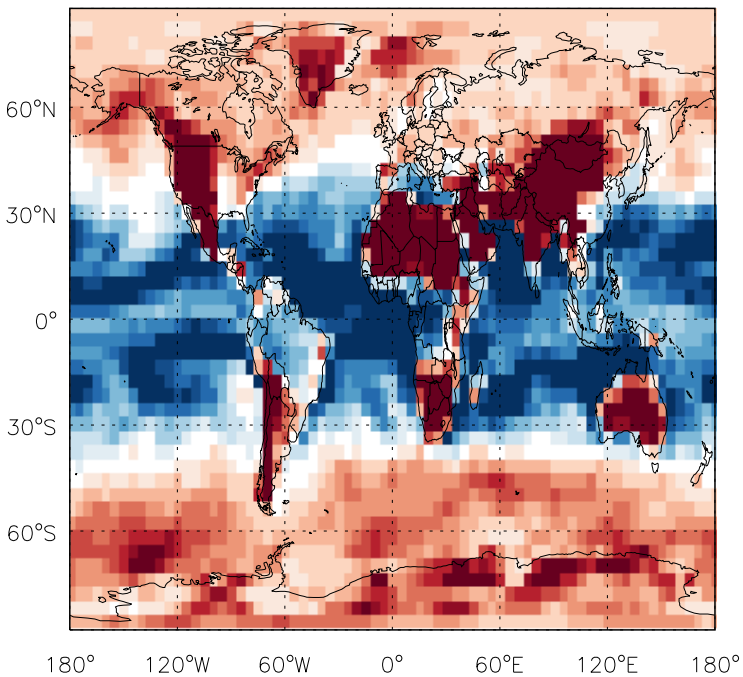
v11-01g-Run0 - v11-01f-geosfp-Run0  
N2O - Diff @ Surface for Apr



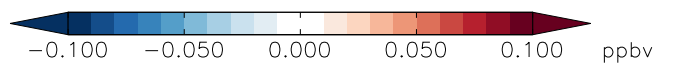
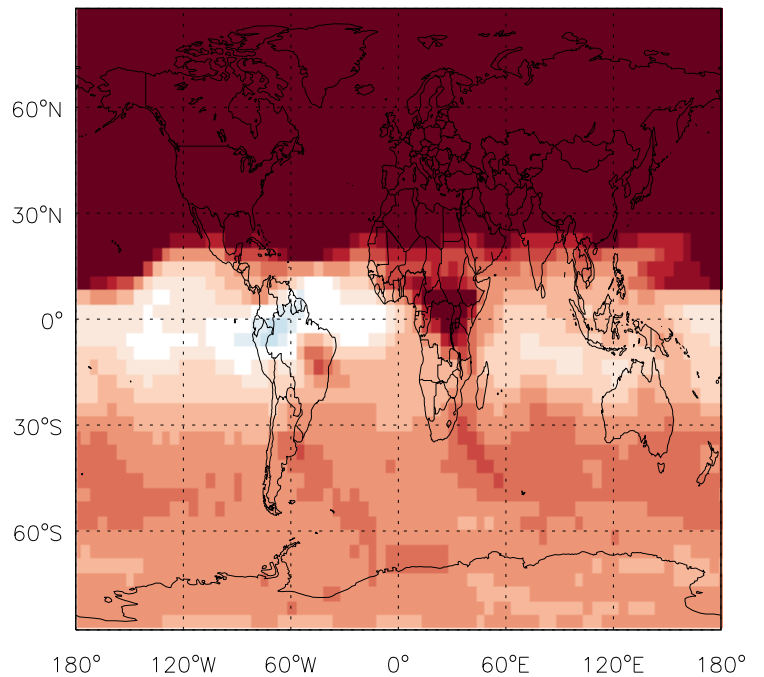
v11-01g-Run0 - v11-01f-geosfp-Run0  
N2O - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
N2O - Diff @ Surface for Apr



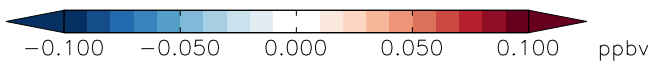
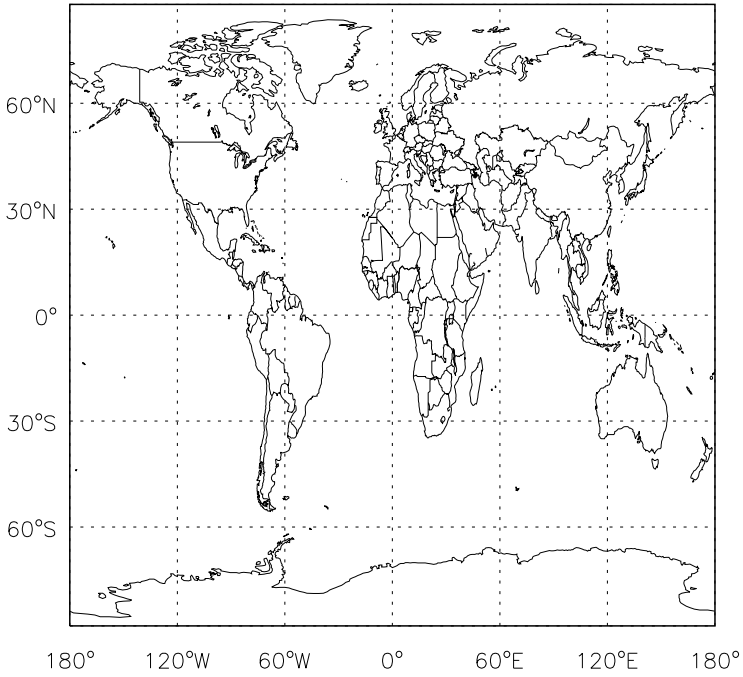
v11-01g-Run0 - v11-01d-Run1  
N2O - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

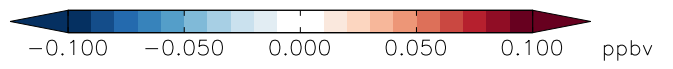
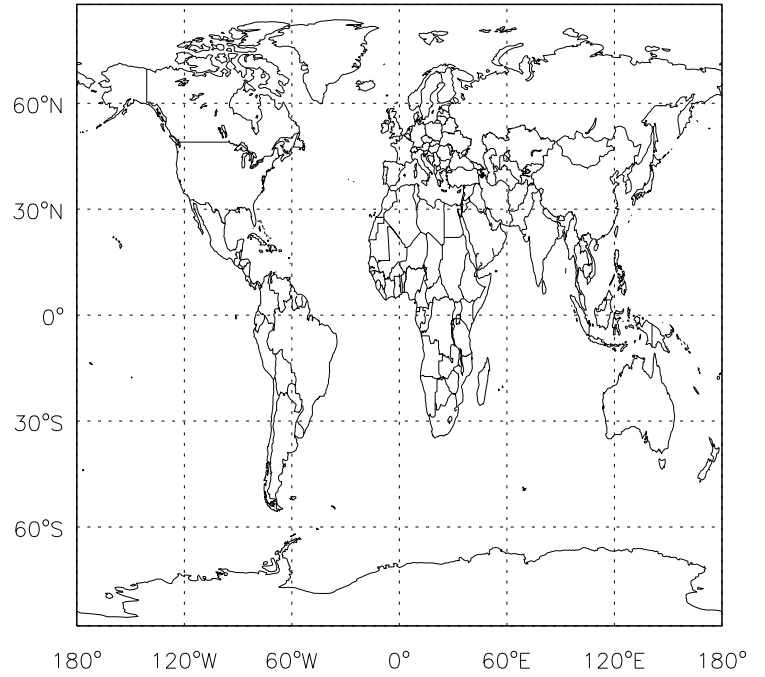
v11-01g-Run0 - v11-01f-geosfp-Run0

OCS - Diff @ Surface for Apr



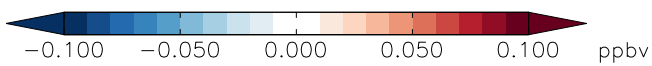
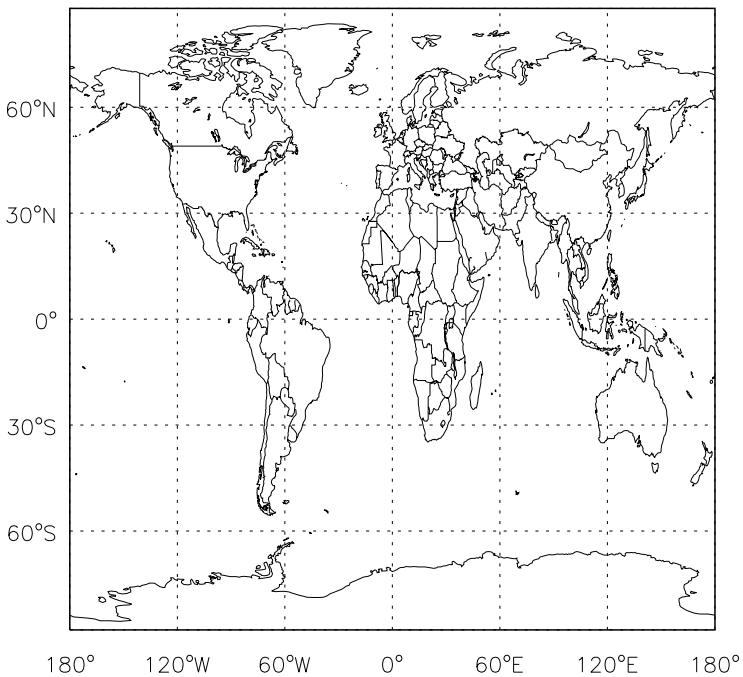
v11-01g-Run0 - v11-01f-geosfp-Run0

OCS - Diff @ 500 hPa for Apr



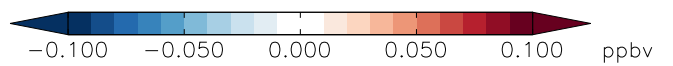
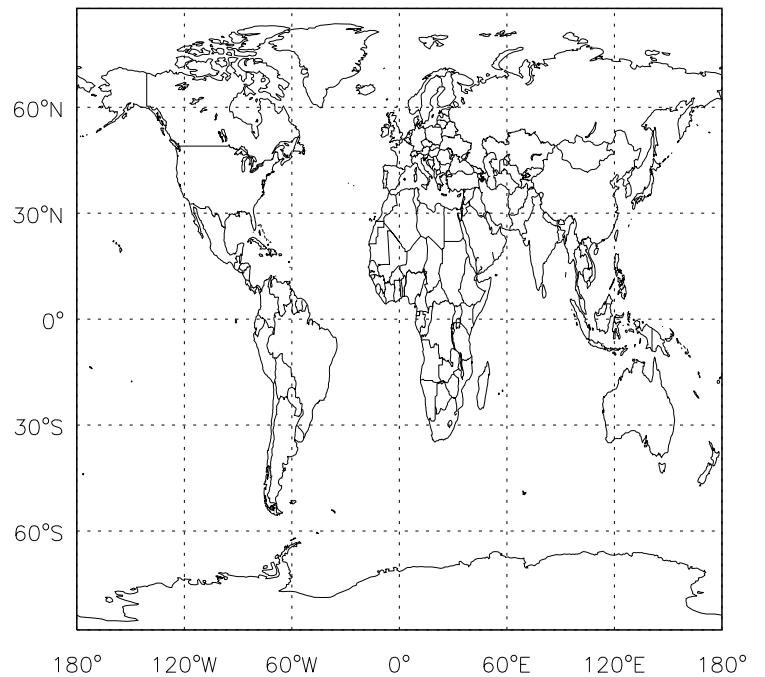
v11-01g-Run0 - v11-01d-Run1

OCS - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

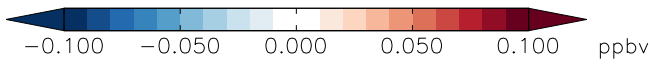
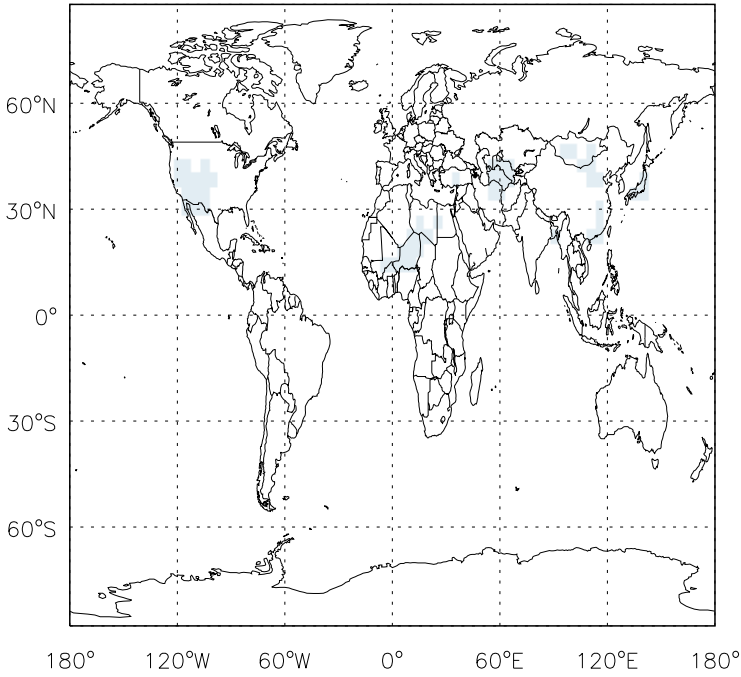
OCS - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

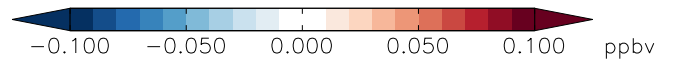
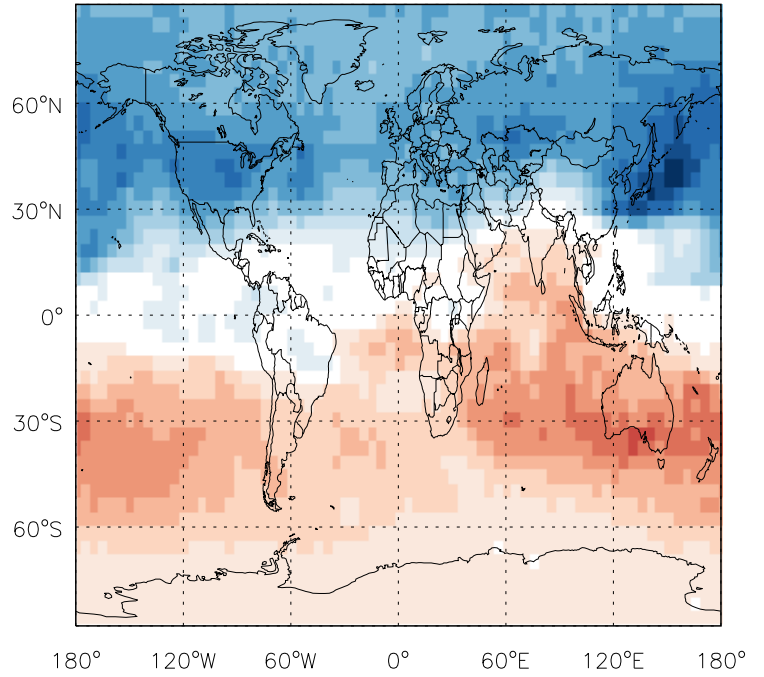
v11-01g-Run0 - v11-01f-geosp-Run0

CH4 - Diff @ Surface for Apr



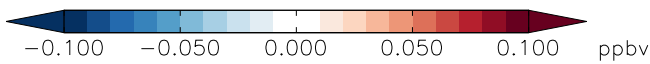
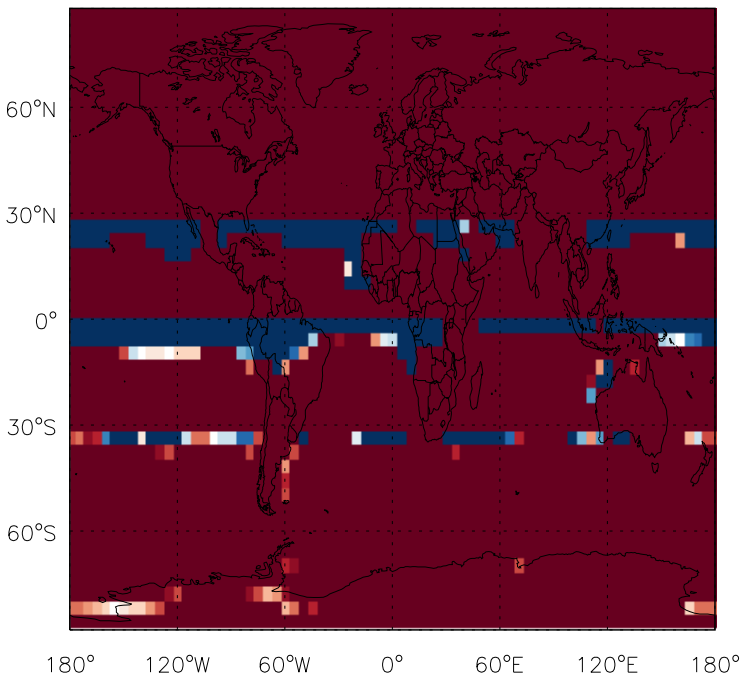
v11-01g-Run0 - v11-01f-geosp-Run0

CH4- Diff @ 500 hPa for Apr



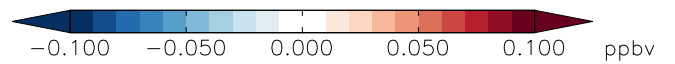
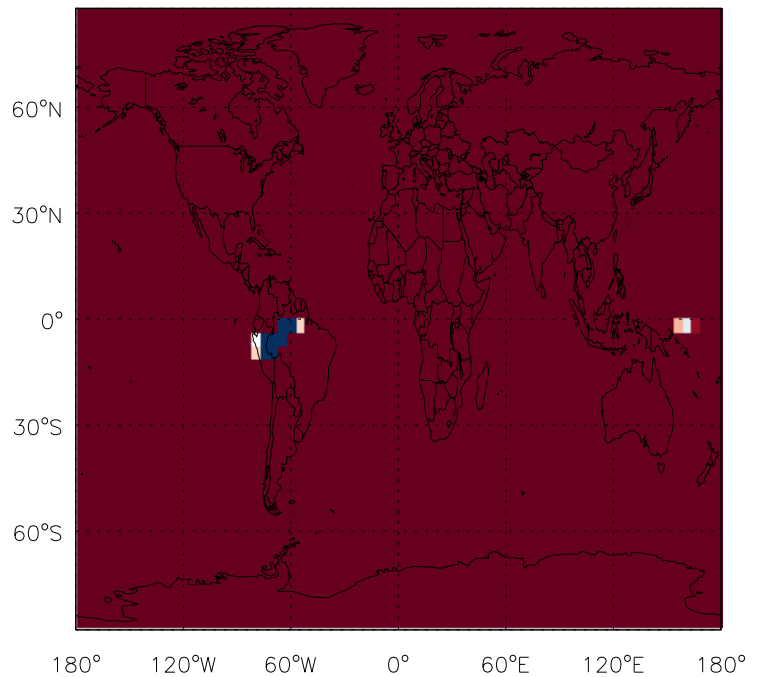
v11-01g-Run0 - v11-01d-Run1

CH4 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

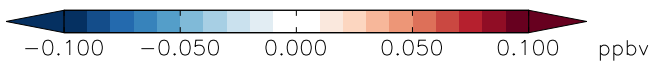
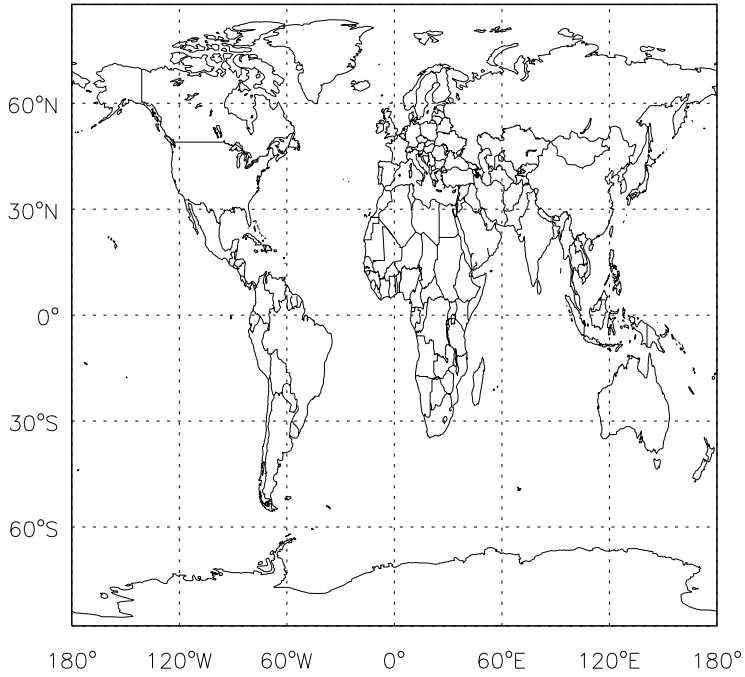
CH4- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

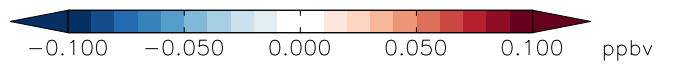
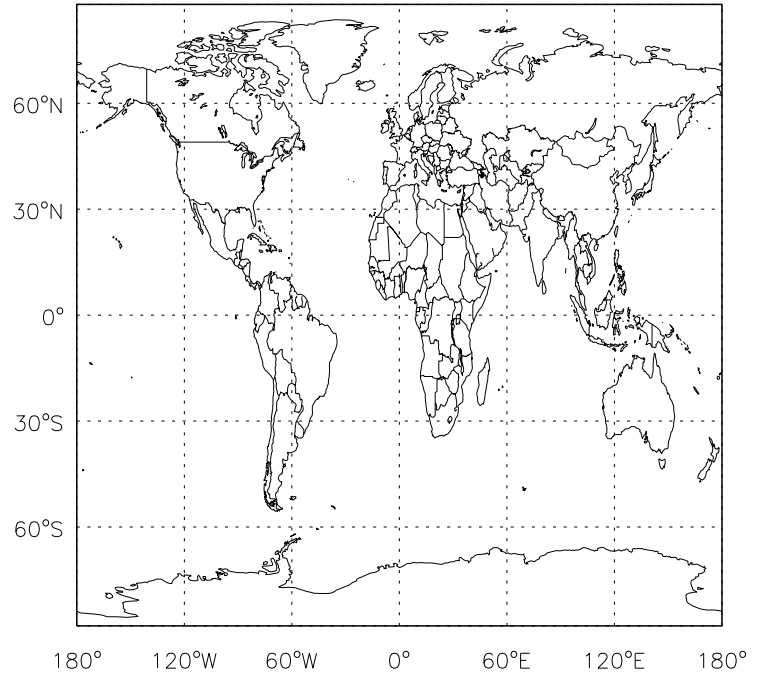
v11-01g-Run0 - v11-01f-geosfp-Run0

BrCl - Diff @ Surface for Apr



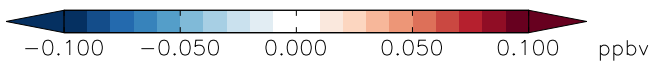
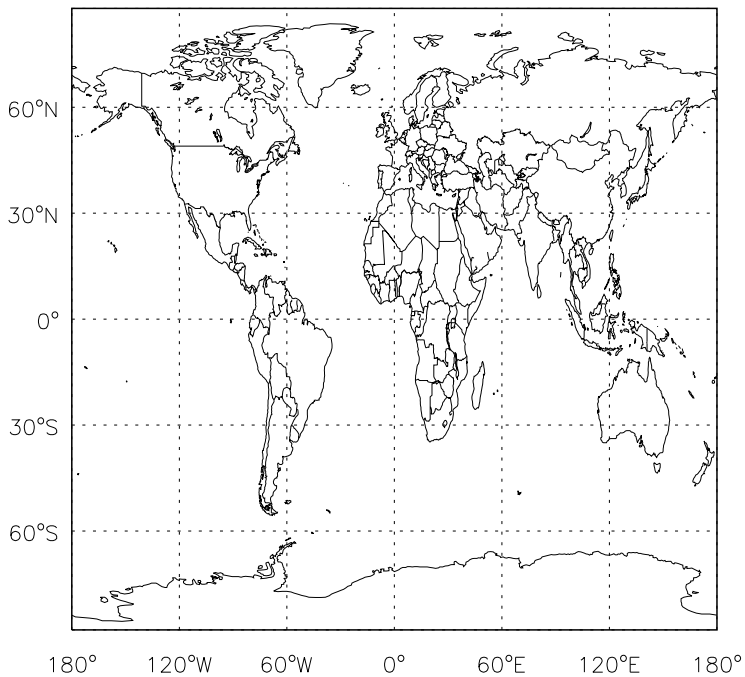
v11-01g-Run0 - v11-01f-geosfp-Run0

BrCl- Diff @ 500 hPa for Apr



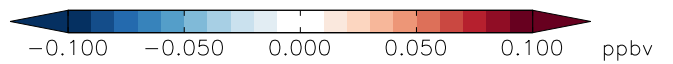
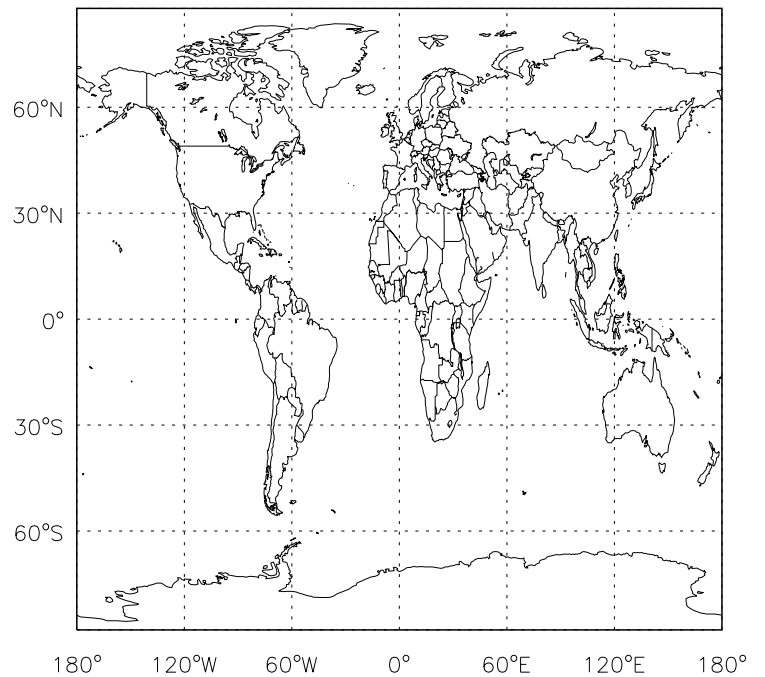
v11-01g-Run0 - v11-01d-Run1

BrCl - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

BrCl- Diff @ 500 hPa for Apr

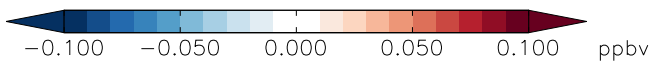
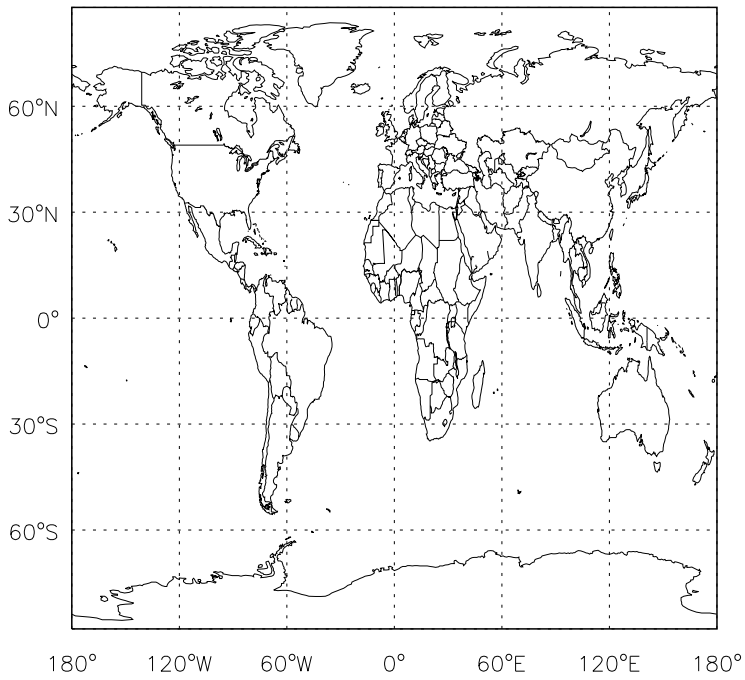




GEOS-Chem Difference Maps at surface and 500 hPa

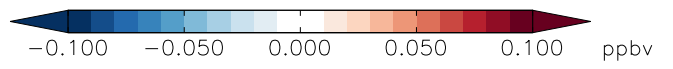
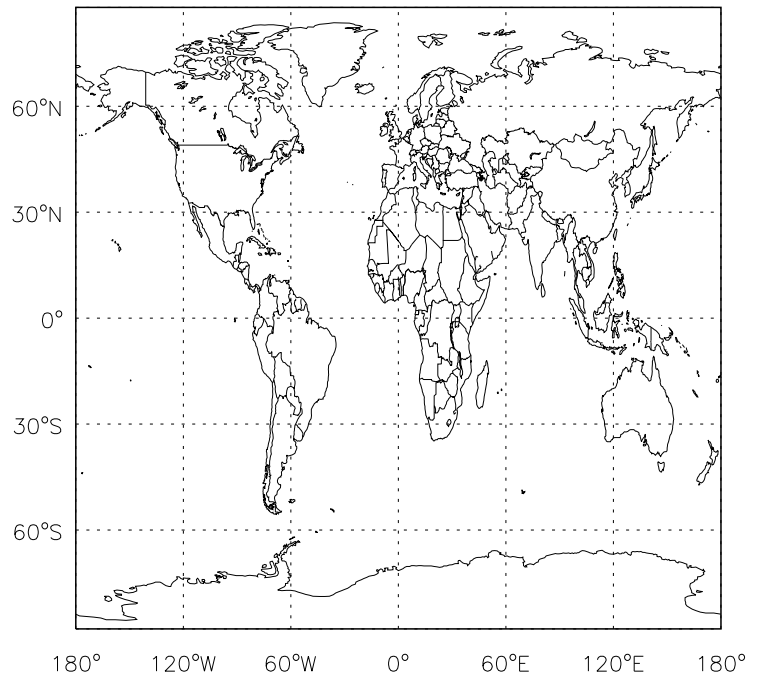
v11-01g-Run0 - v11-01f-geosfp-Run0

HCl - Diff @ Surface for Apr



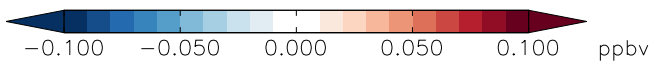
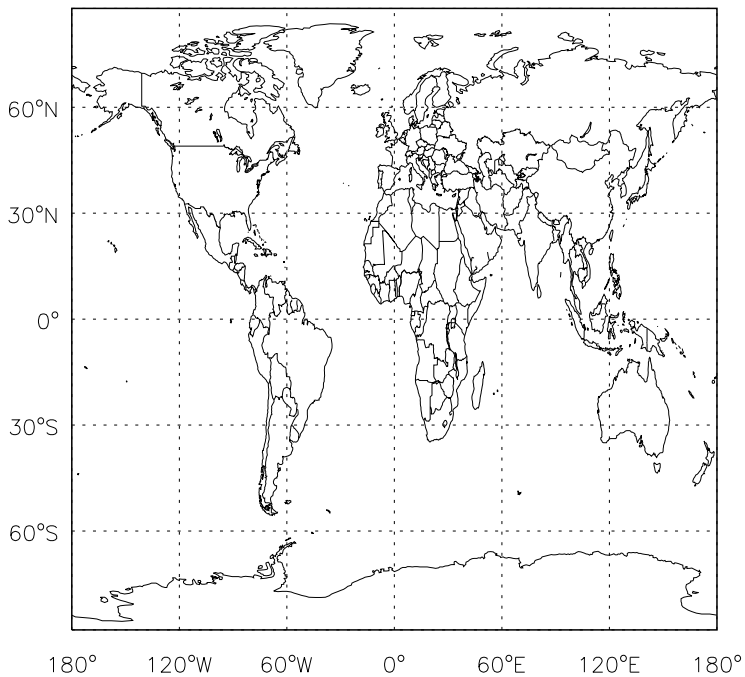
v11-01g-Run0 - v11-01f-geosfp-Run0

HCl - Diff @ 500 hPa for Apr



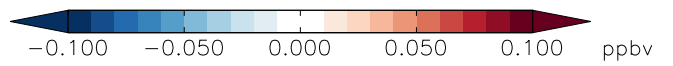
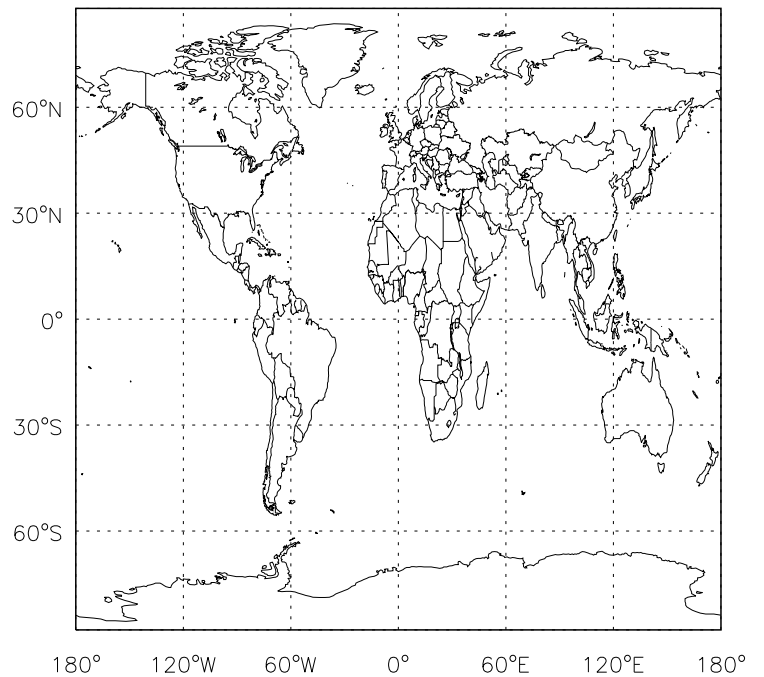
v11-01g-Run0 - v11-01d-Run1

HCl - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

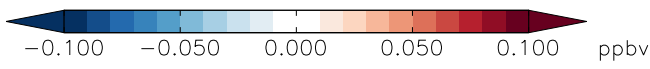
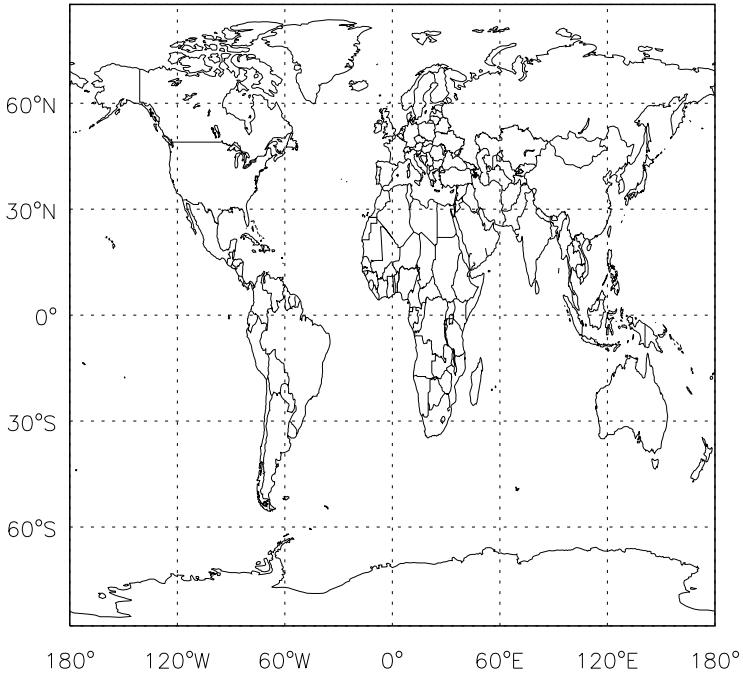
HCl - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

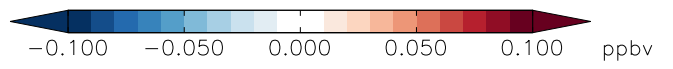
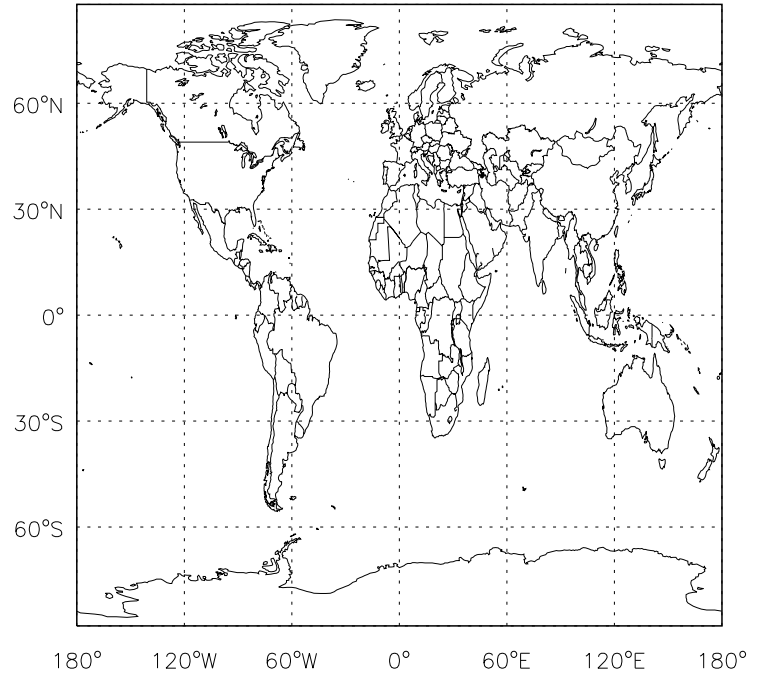
v11-01g-Run0 - v11-01f-geosfp-Run0

CCI4 - Diff @ Surface for Apr



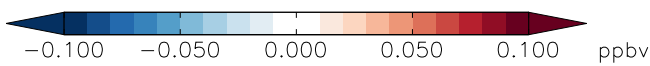
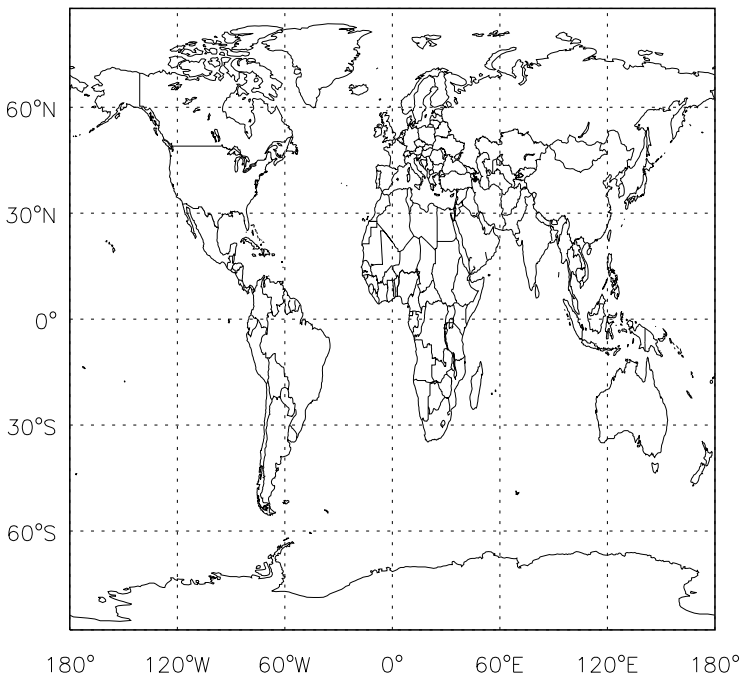
v11-01g-Run0 - v11-01f-geosfp-Run0

CCI4 - Diff @ 500 hPa for Apr



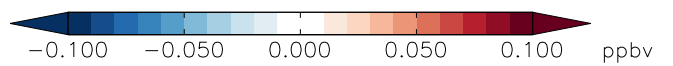
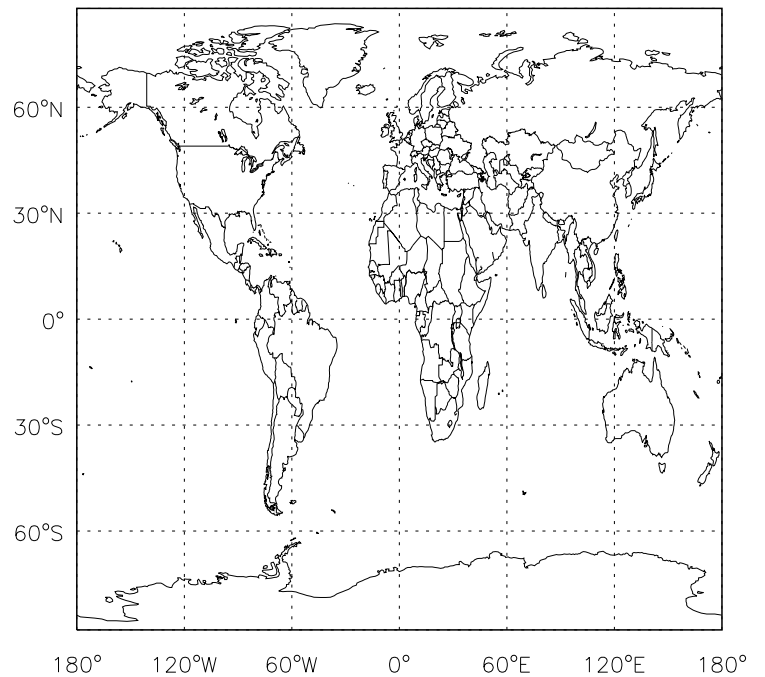
v11-01g-Run0 - v11-01d-Run1

CCI4 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

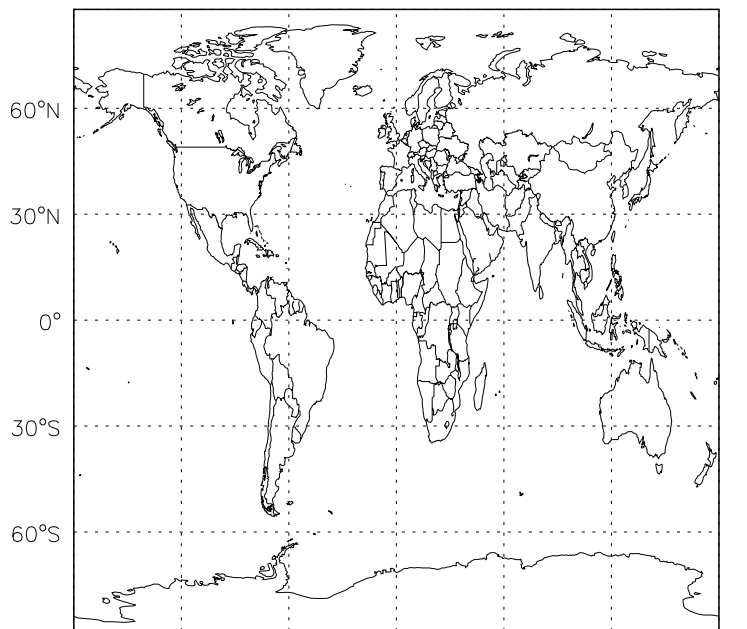
CCI4 - Diff @ 500 hPa for Apr



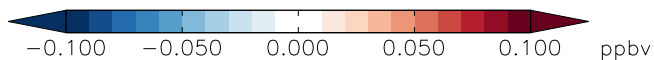
GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

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

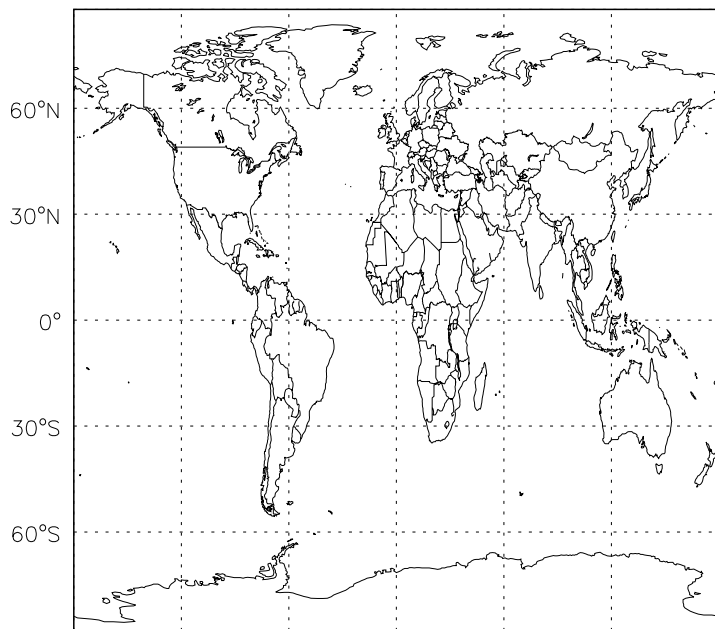


180° 120°W 60°W 0° 60°E 120°E 180°

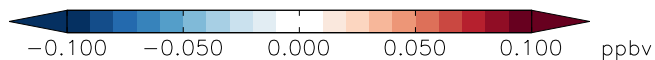


v11-01g-Run0 - v11-01f-geosfp-Run0

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

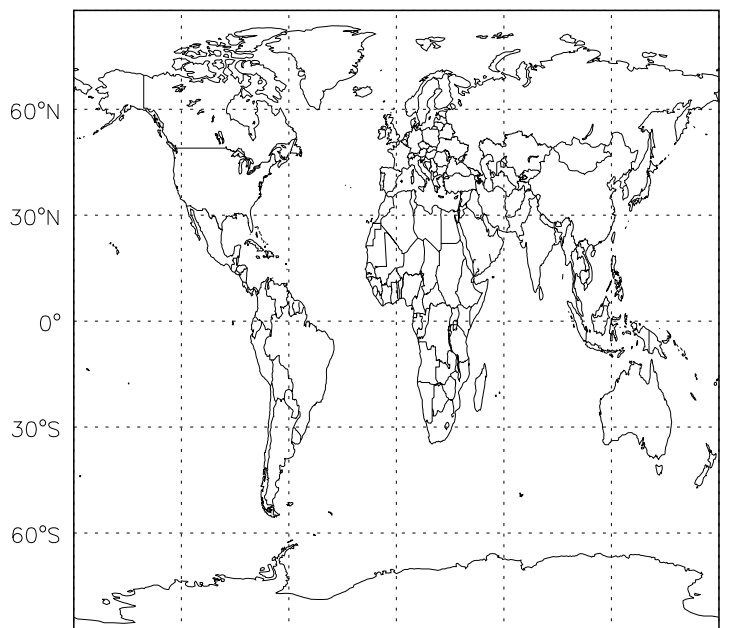


180° 120°W 60°W 0° 60°E 120°E 180°

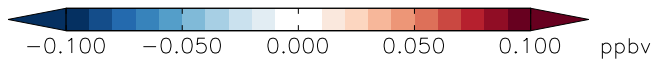


v11-01g-Run0 - v11-01d-Run1

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

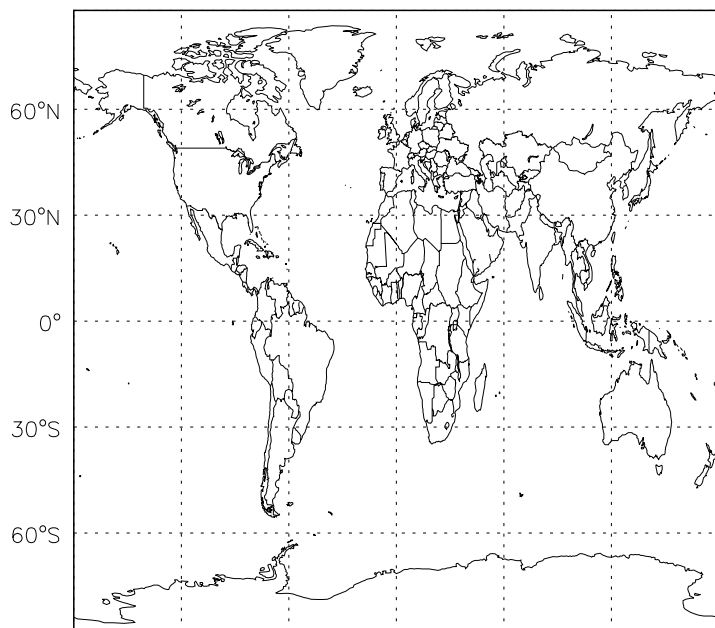


180° 120°W 60°W 0° 60°E 120°E 180°

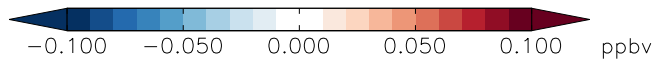


v11-01g-Run0 - v11-01d-Run1

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



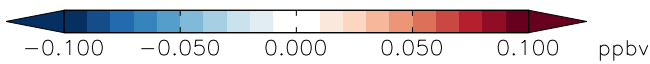
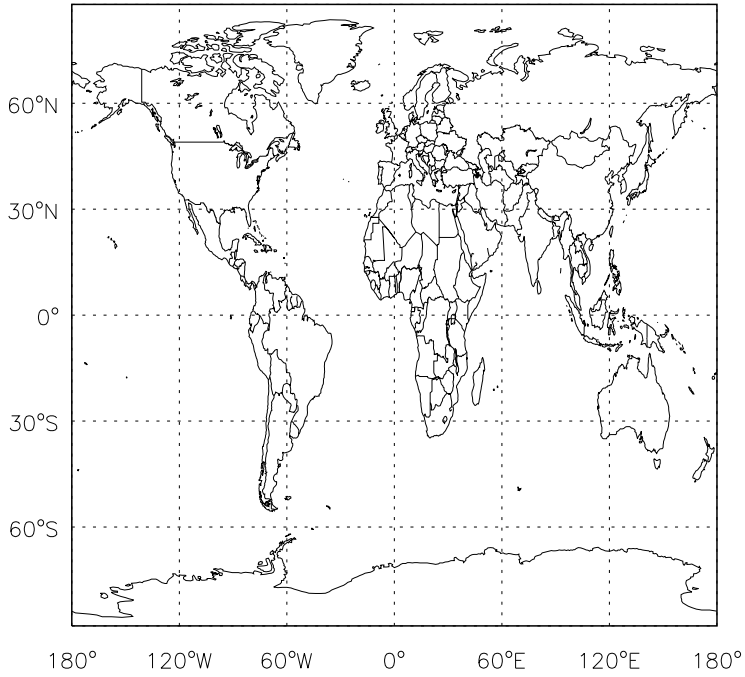
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

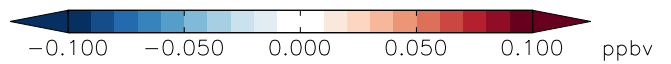
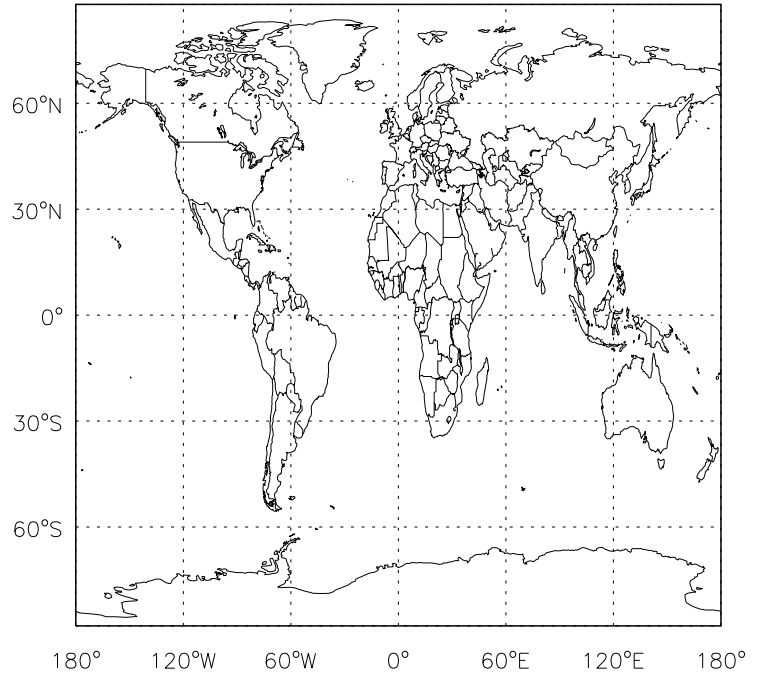
v11-01g-Run0 - v11-01f-geosfp-Run0

CH<sub>3</sub>CCI<sub>3</sub> - Diff @ Surface for Apr



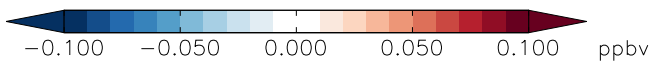
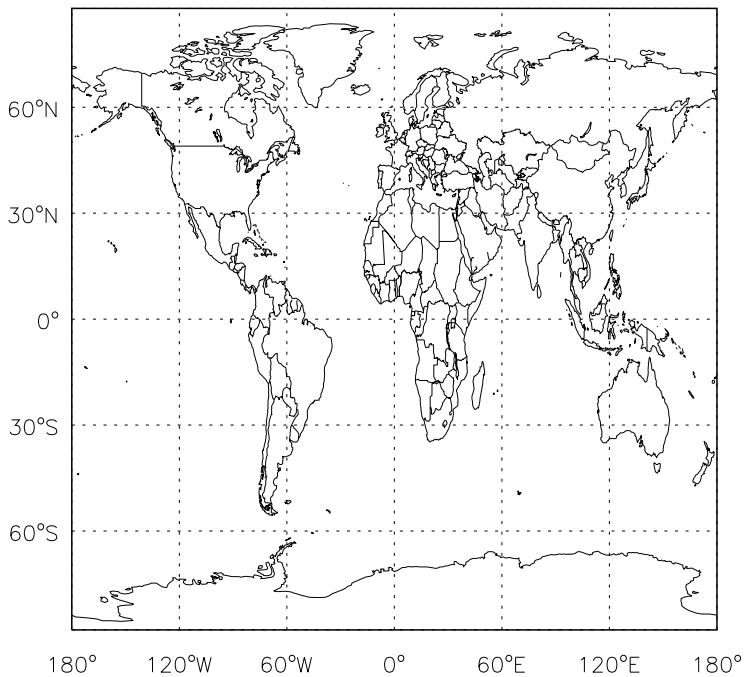
v11-01g-Run0 - v11-01f-geosfp-Run0

CH<sub>3</sub>CCI<sub>3</sub> - Diff @ 500 hPa for Apr



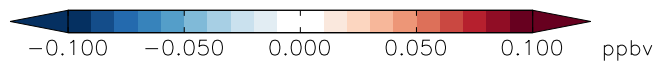
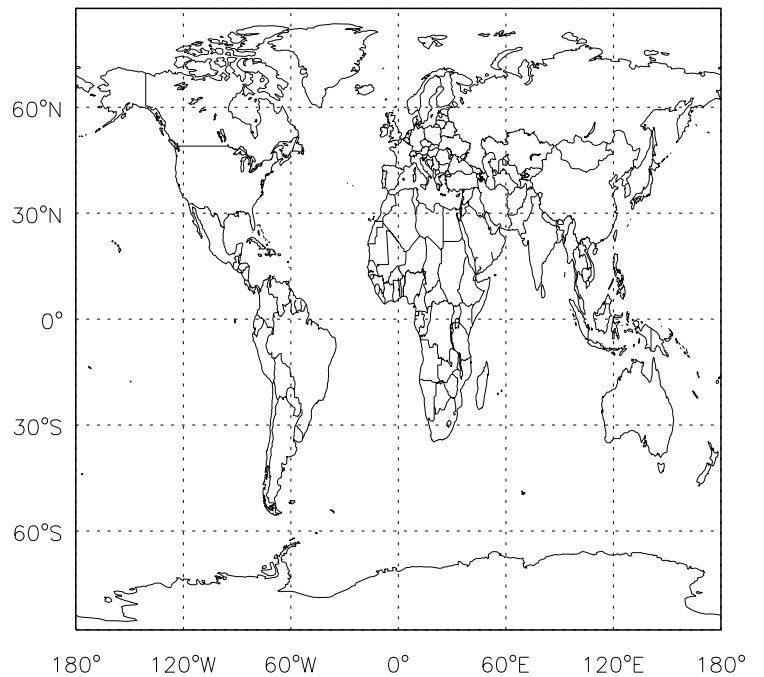
v11-01g-Run0 - v11-01d-Run1

CH<sub>3</sub>CCI<sub>3</sub> - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

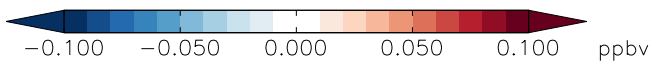
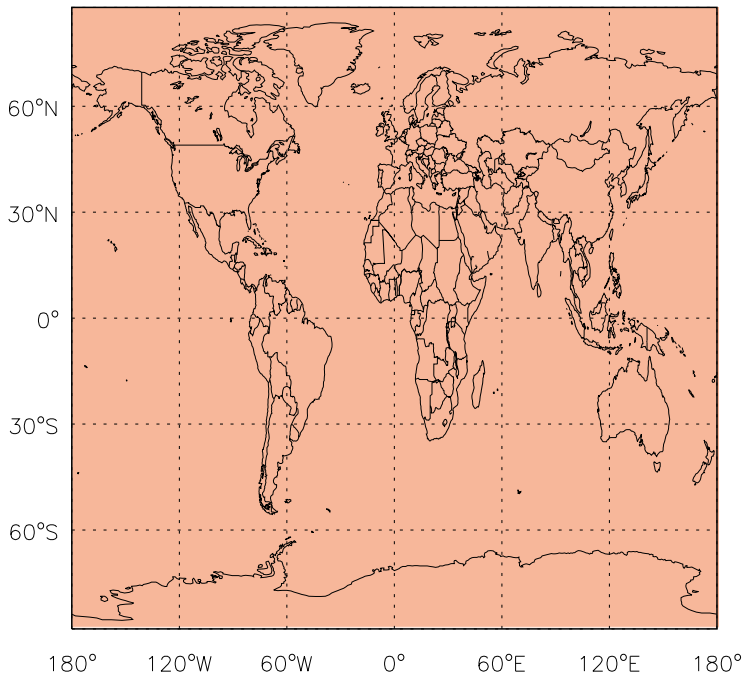
CH<sub>3</sub>CCI<sub>3</sub> - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

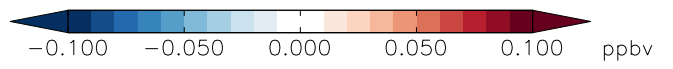
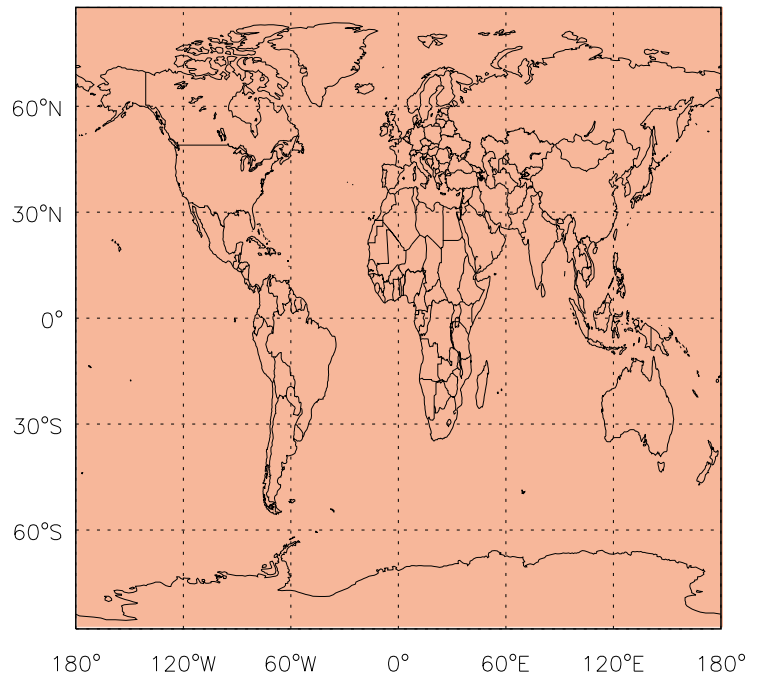
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC113 - Diff @ Surface for Apr



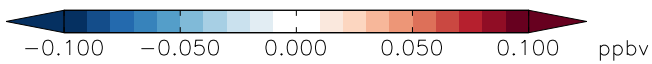
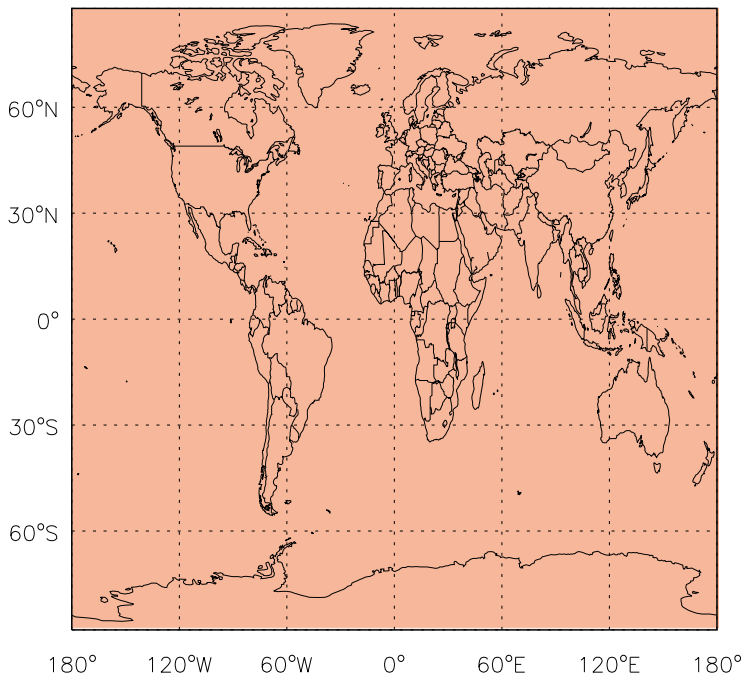
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC113- Diff @ 500 hPa for Apr



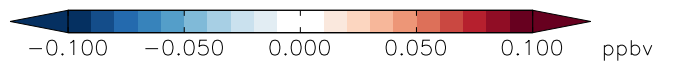
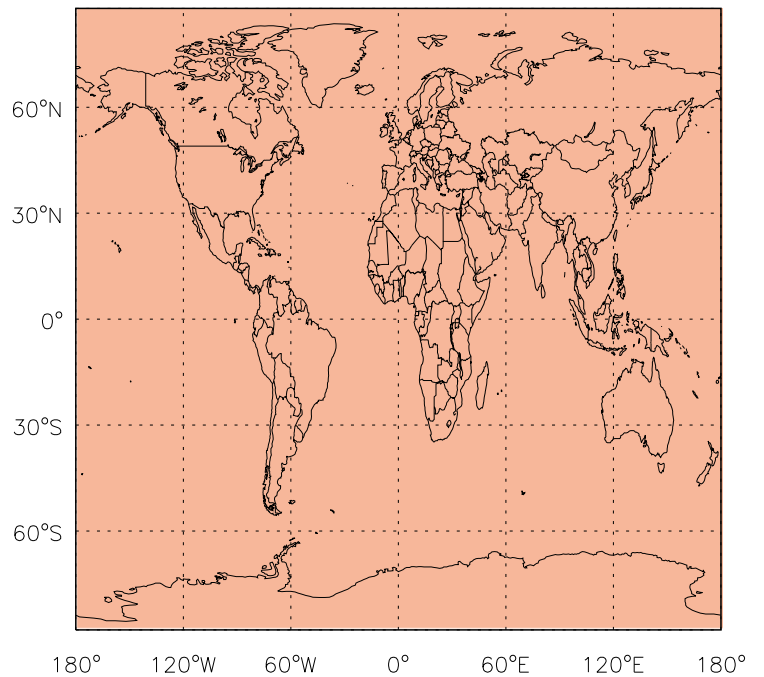
v11-01g-Run0 - v11-01d-Run1

CFC113 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

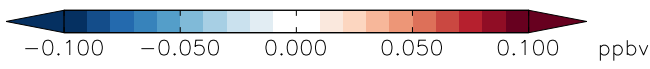
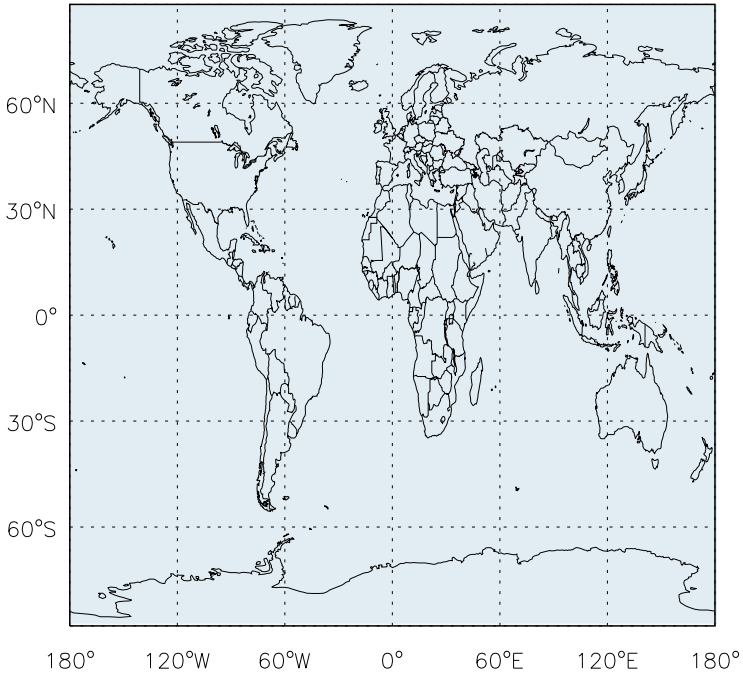
CFC113- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

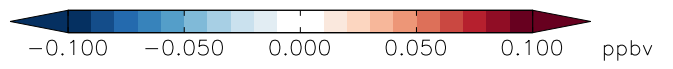
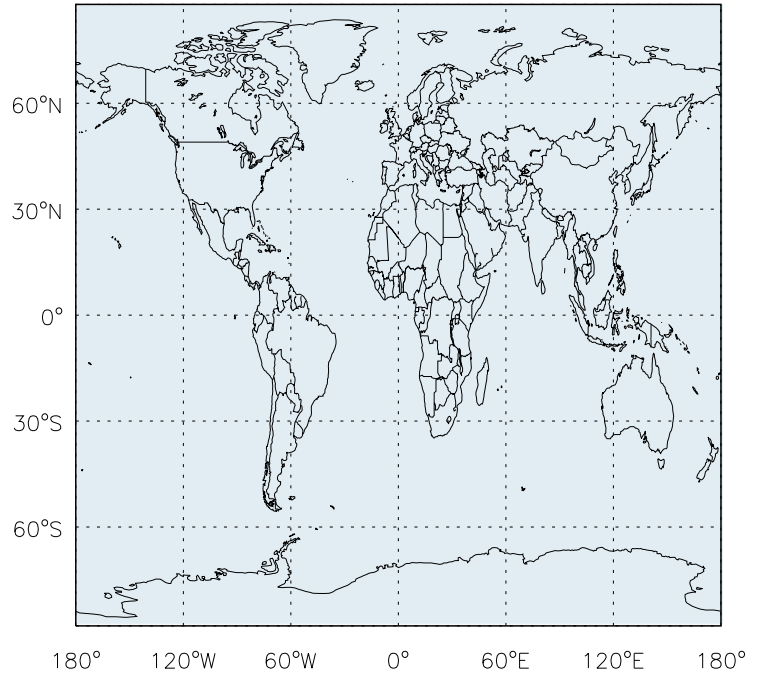
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC114 - Diff @ Surface for Apr



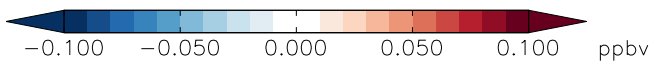
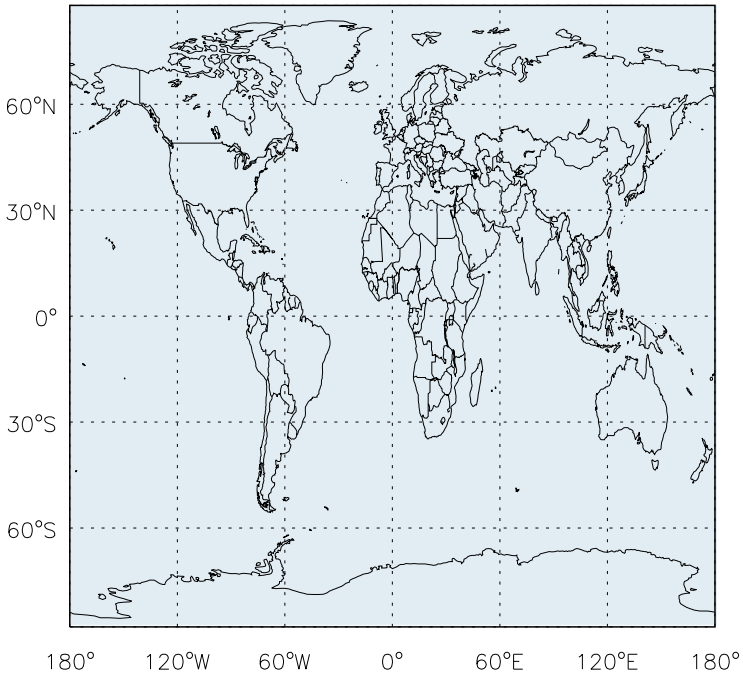
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC114 - Diff @ 500 hPa for Apr



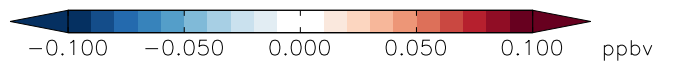
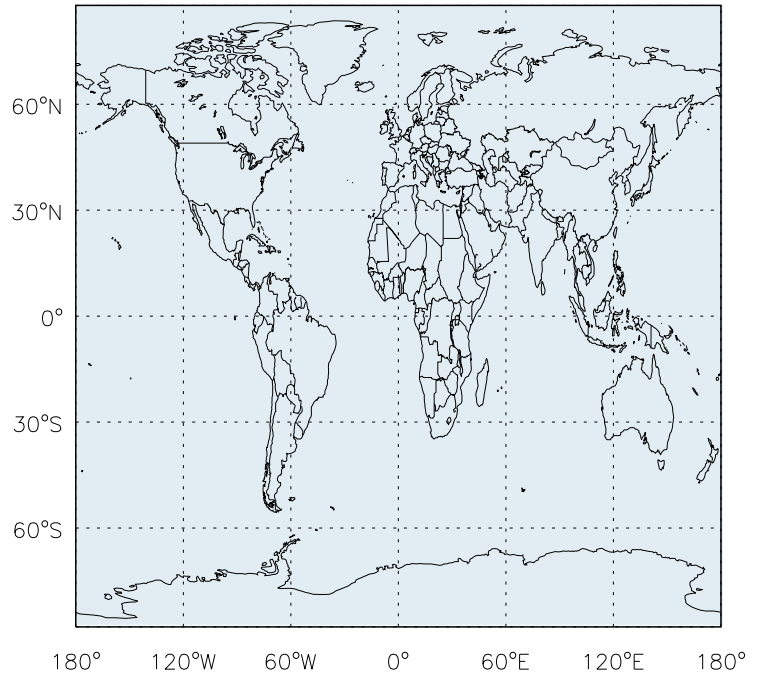
v11-01g-Run0 - v11-01d-Run1

CFC114 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

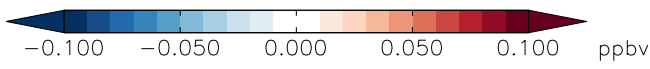
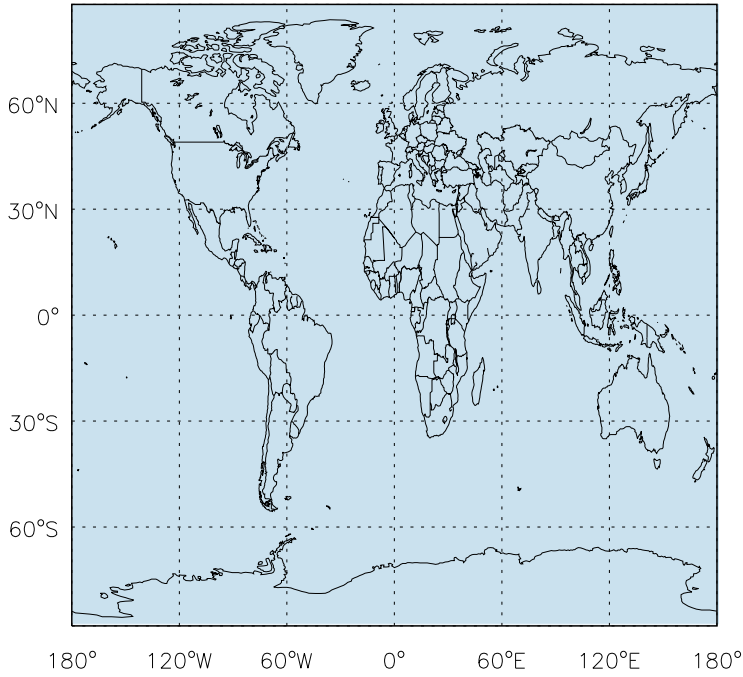
CFC114 - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

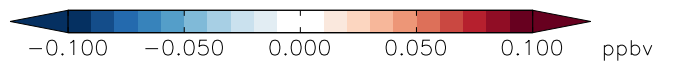
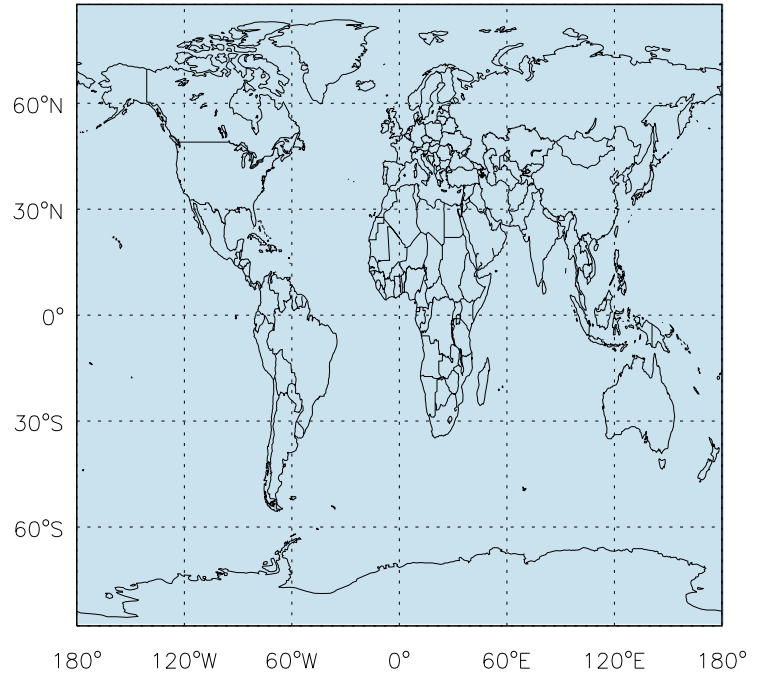
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC115 - Diff @ Surface for Apr



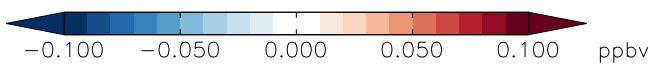
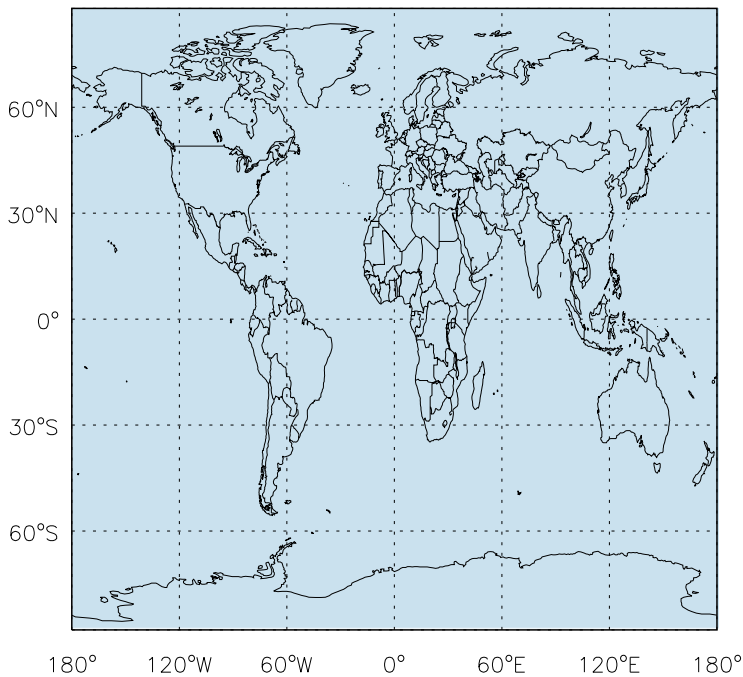
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC115- Diff @ 500 hPa for Apr



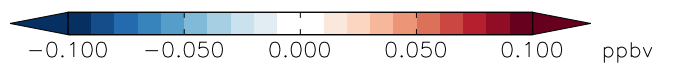
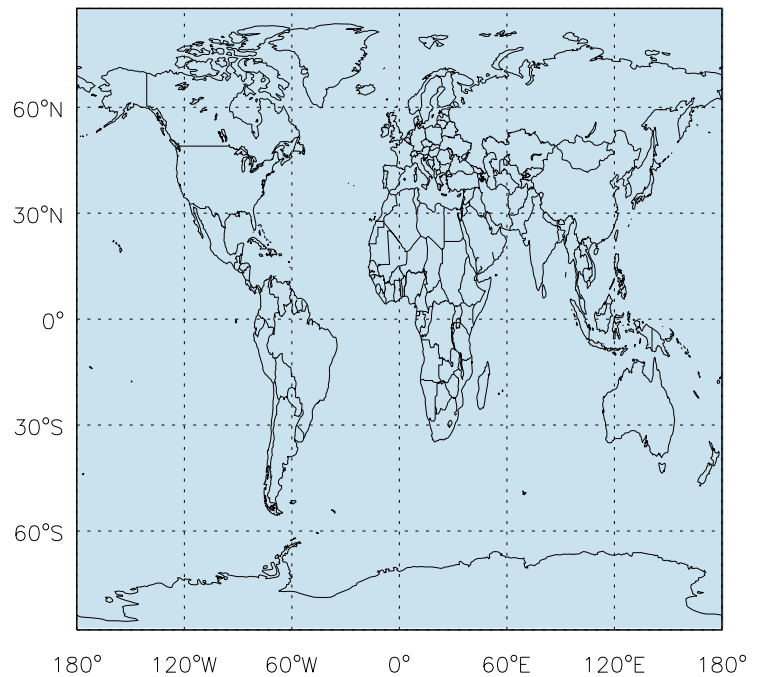
v11-01g-Run0 - v11-01d-Run1

CFC115 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

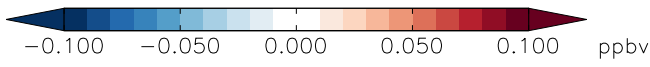
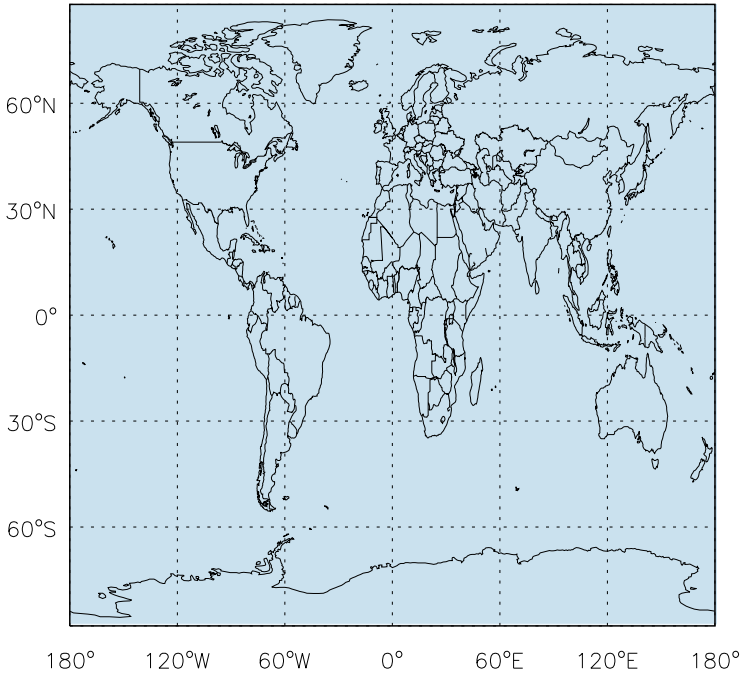
CFC115- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

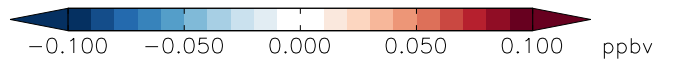
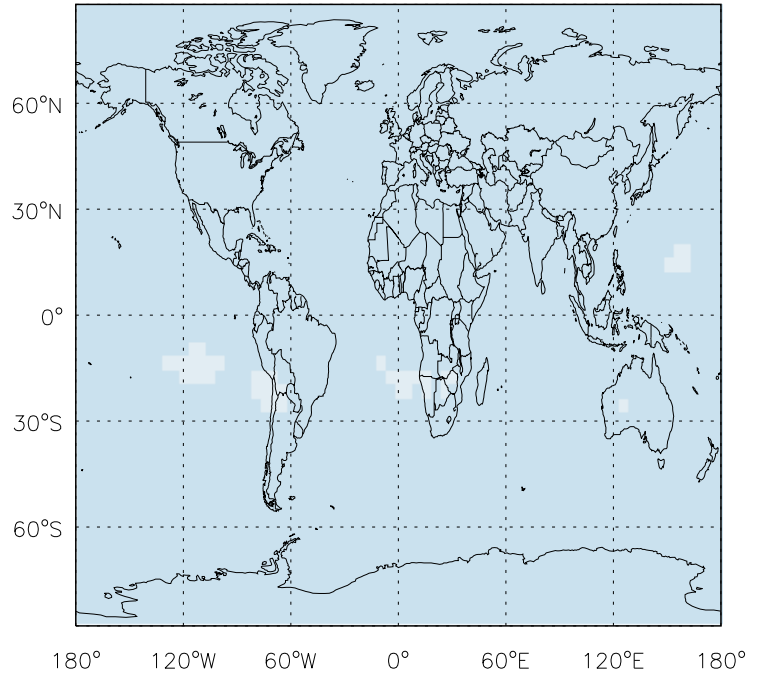
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC123 - Diff @ Surface for Apr



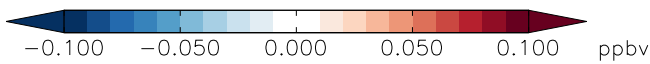
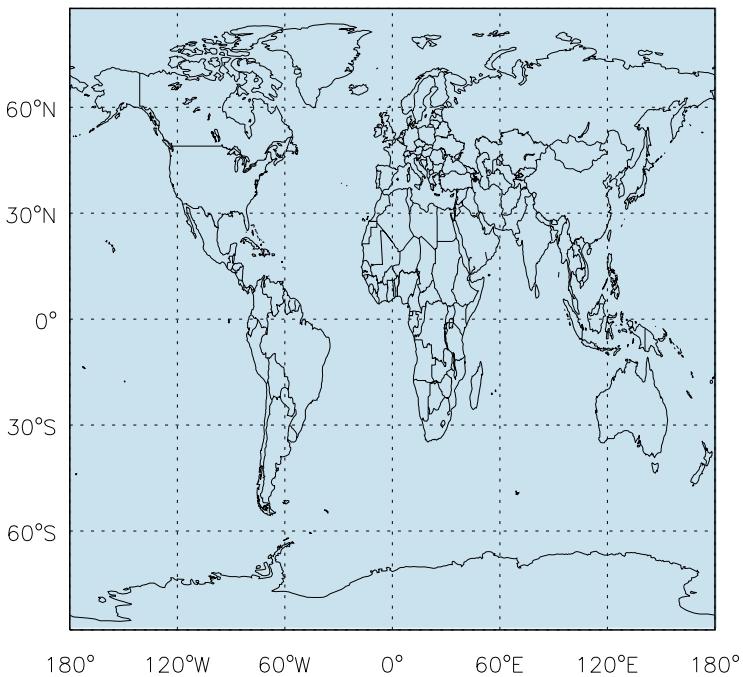
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC123- Diff @ 500 hPa for Apr



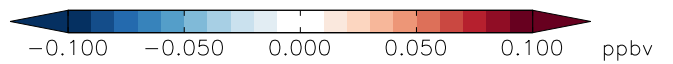
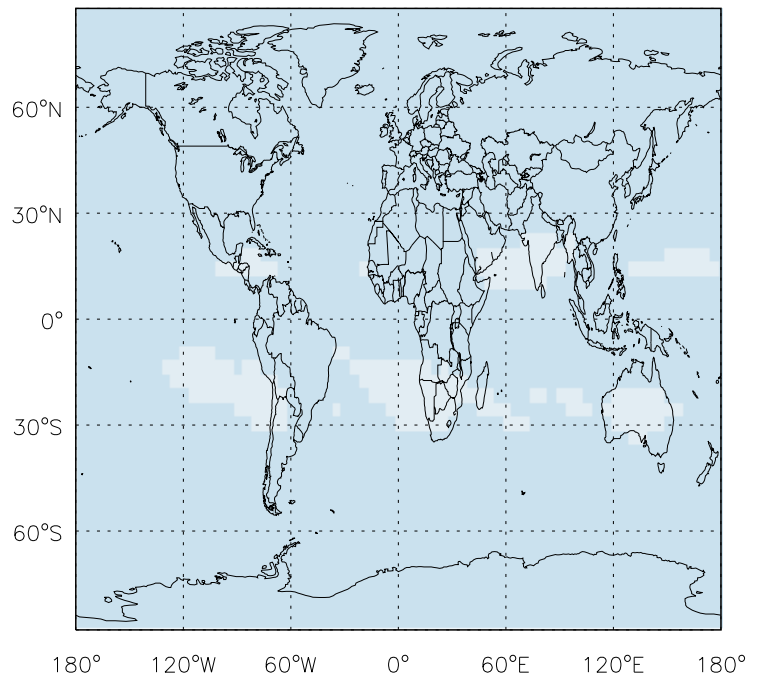
v11-01g-Run0 - v11-01d-Run1

HCFC123 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

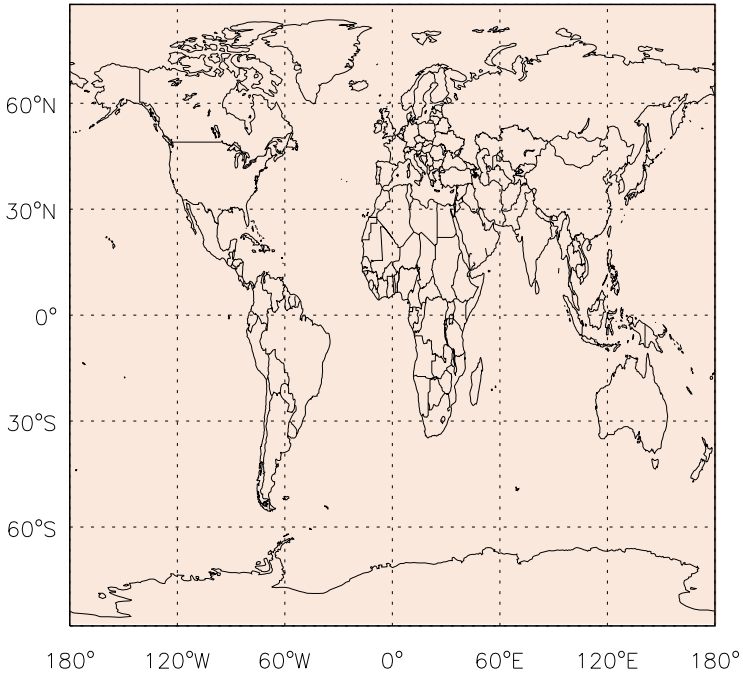
HCFC123- Diff @ 500 hPa for Apr



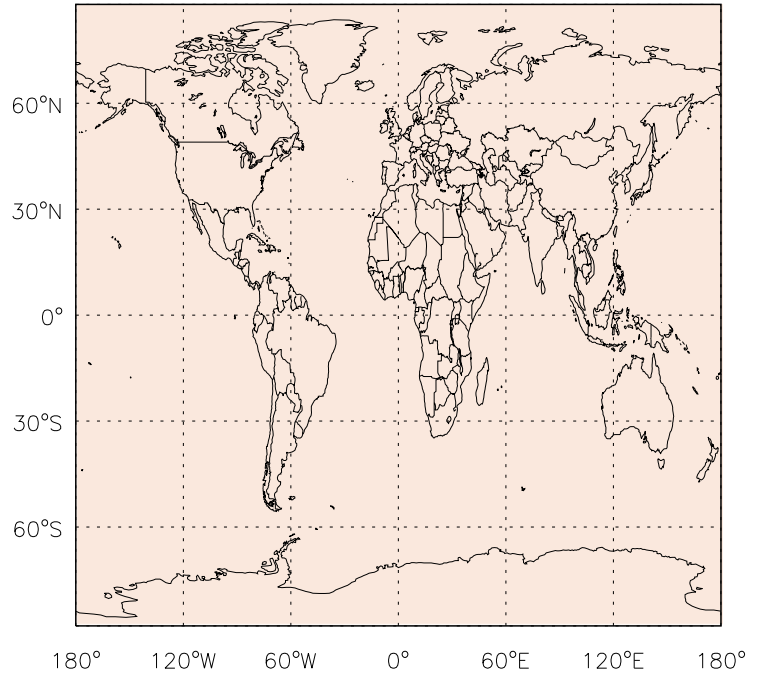


GEOS-Chem Difference Maps at surface and 500 hPa

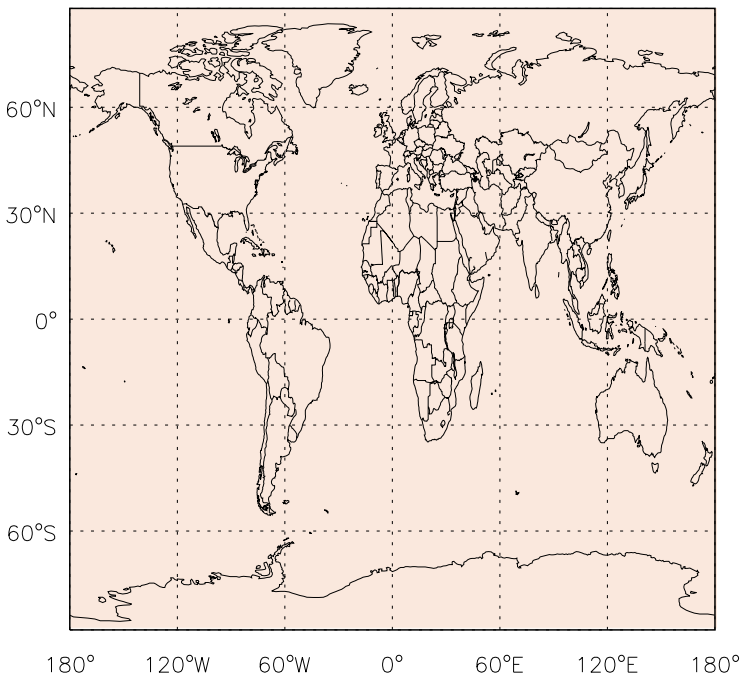
v11-01g-Run0 - v11-01f-geosfp-Run0  
HCFC141b - Diff @ Surface for Apr



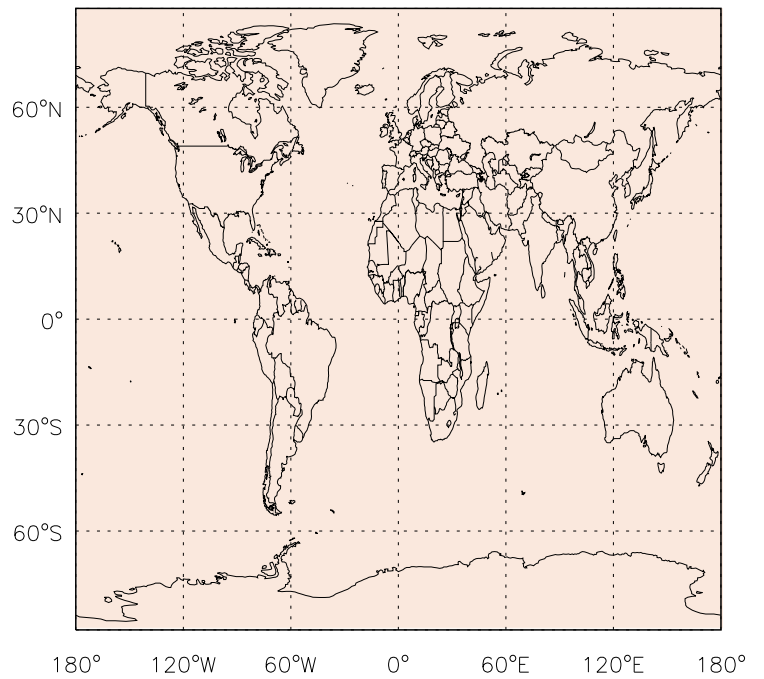
v11-01g-Run0 - v11-01f-geosfp-Run0  
HCFC141b- Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
HCFC141b - Diff @ Surface for Apr

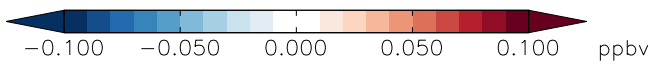
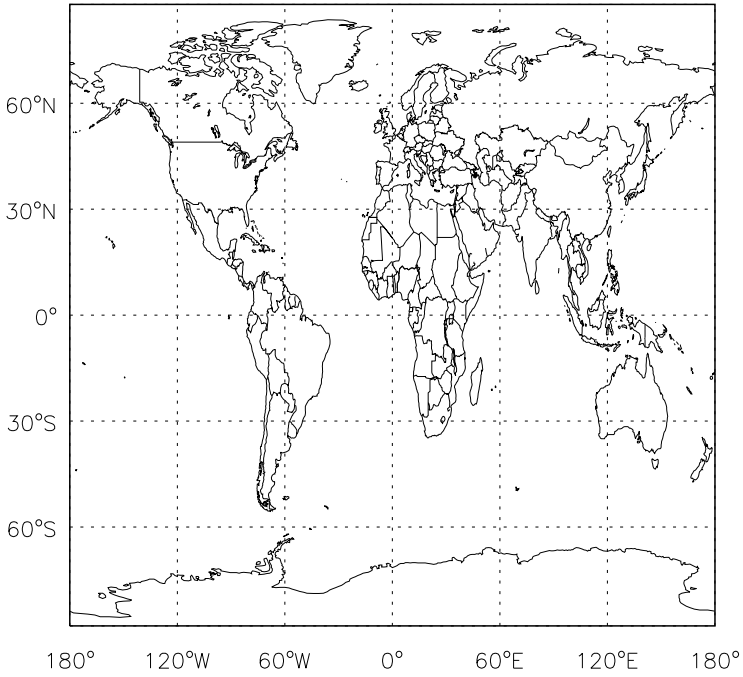


v11-01g-Run0 - v11-01d-Run1  
HCFC141b- Diff @ 500 hPa for Apr

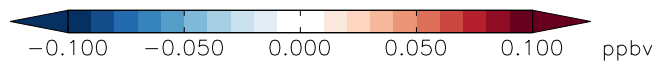
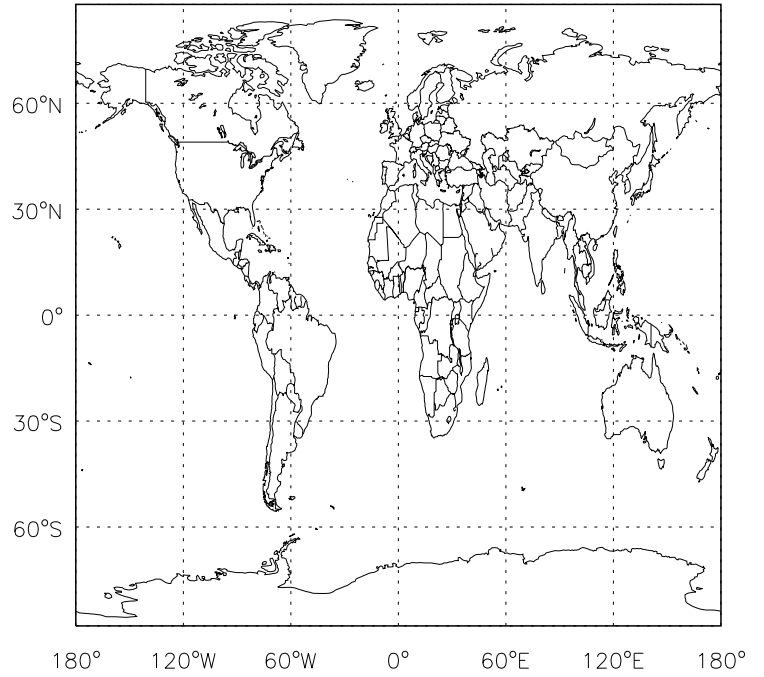


GEOS-Chem Difference Maps at surface and 500 hPa

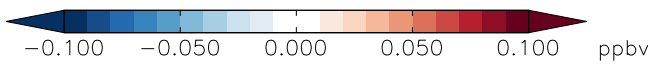
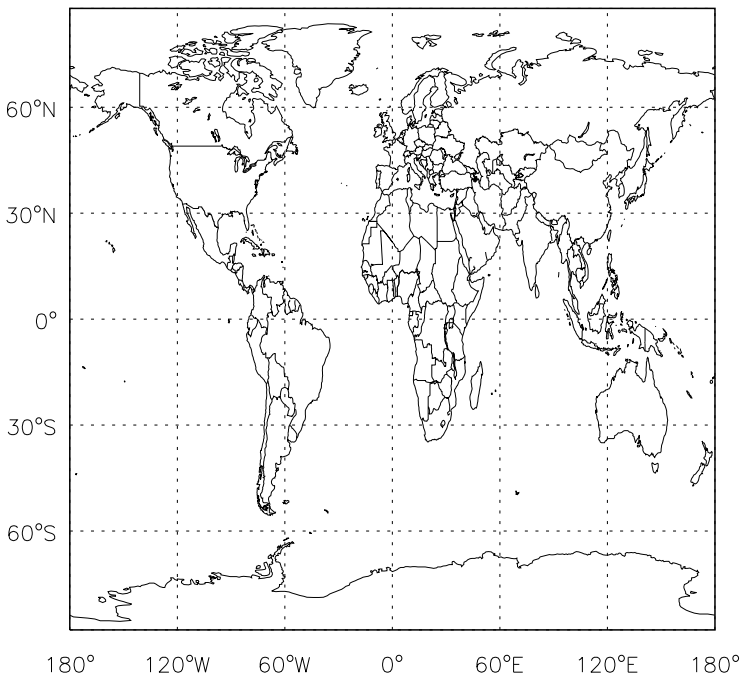
v11-01g-Run0 - v11-01f-geosfp-Run0  
HCFC142b - Diff @ Surface for Apr



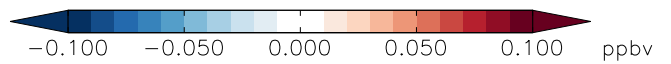
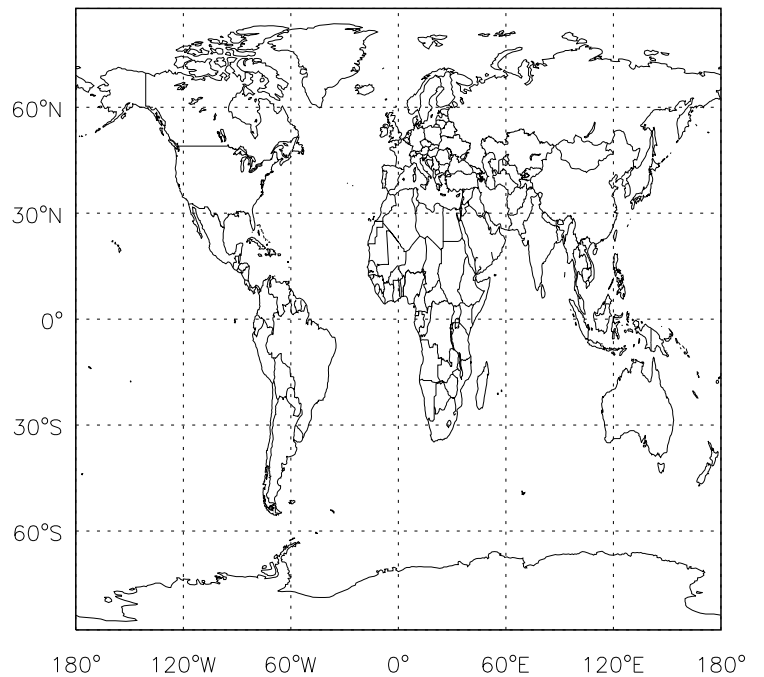
v11-01g-Run0 - v11-01f-geosfp-Run0  
HCFC142b - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
HCFC142b - Diff @ Surface for Apr



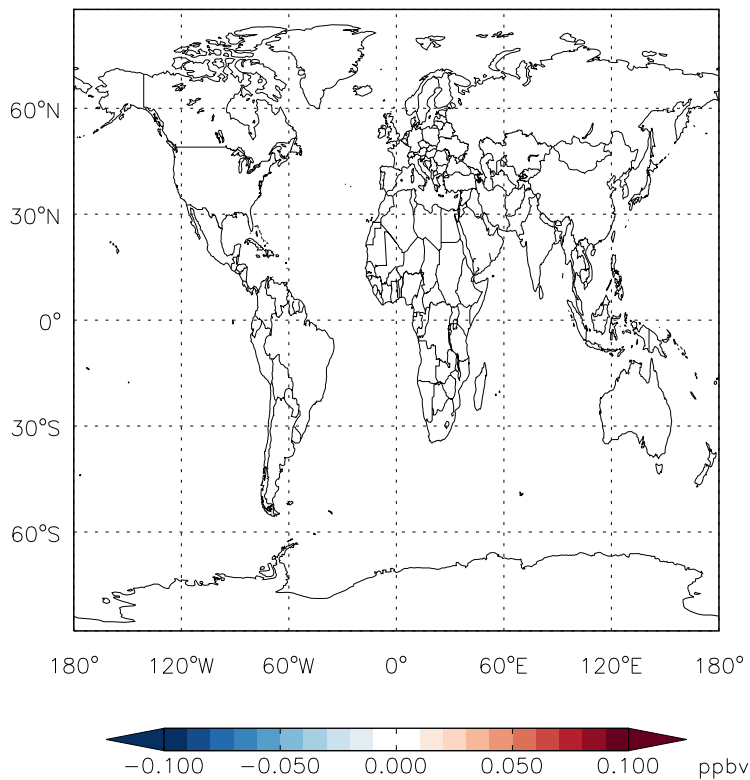
v11-01g-Run0 - v11-01d-Run1  
HCFC142b - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

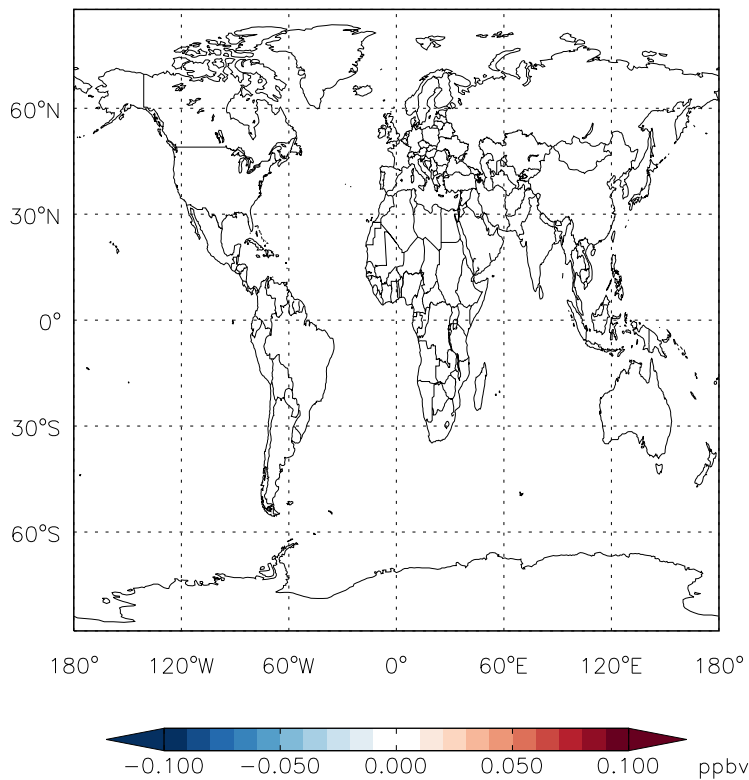
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC11 - Diff @ Surface for Apr



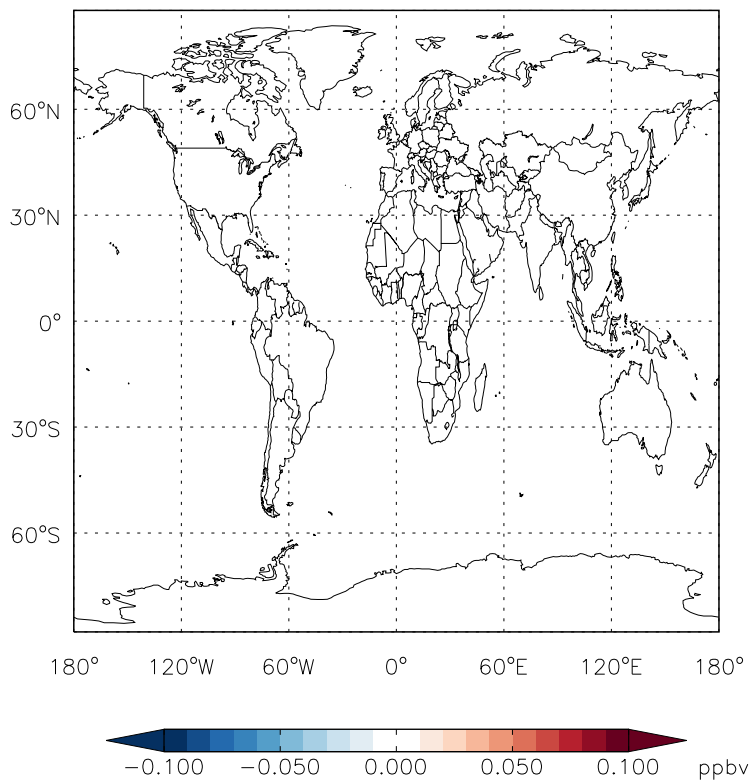
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC11 - Diff @ 500 hPa for Apr



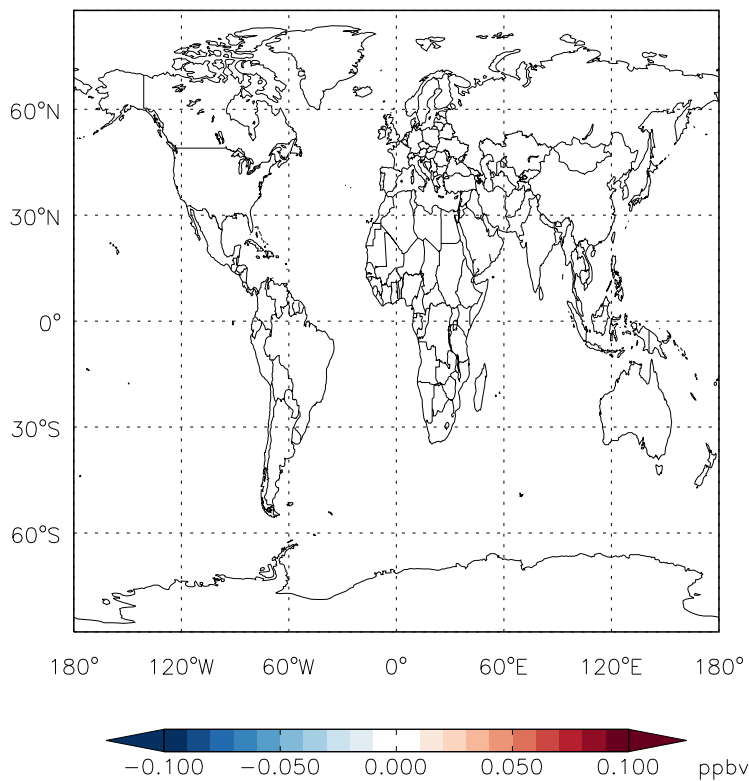
v11-01g-Run0 - v11-01d-Run1

CFC11 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

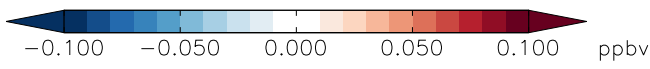
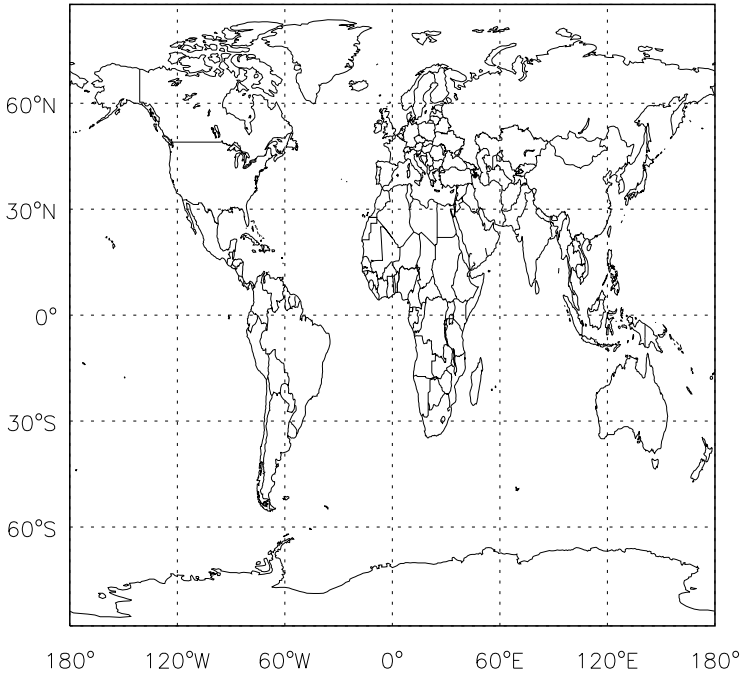
CFC11 - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

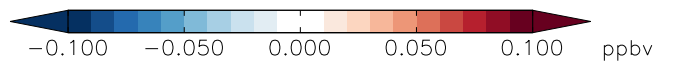
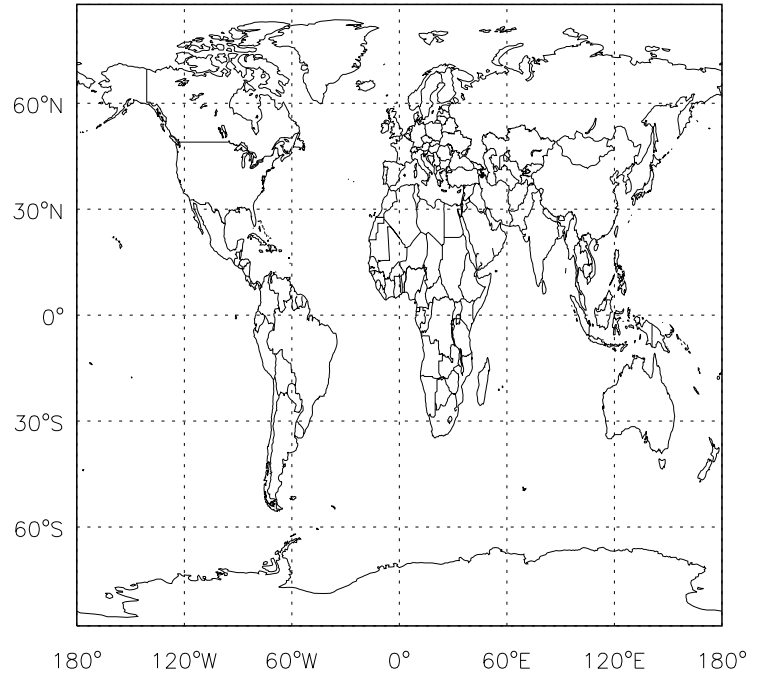
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC12 - Diff @ Surface for Apr



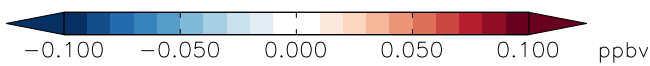
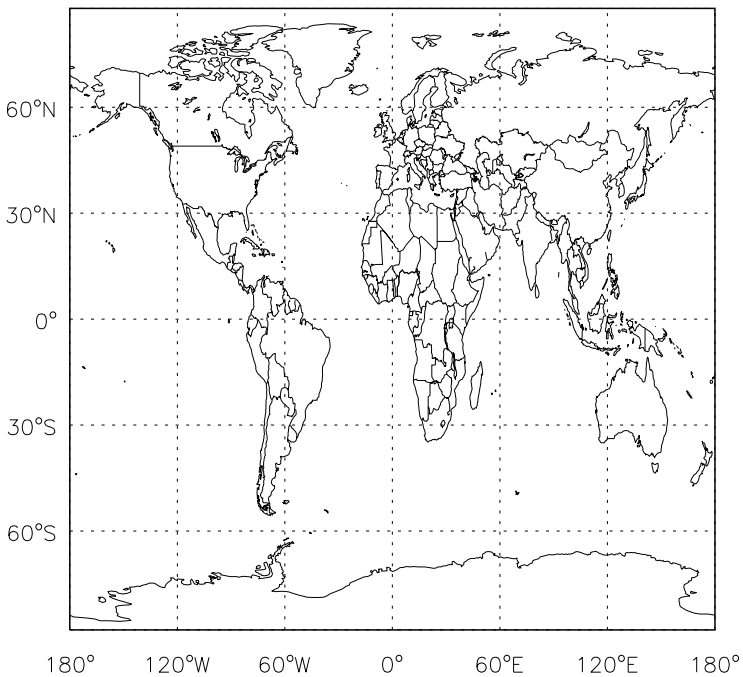
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC12- Diff @ 500 hPa for Apr



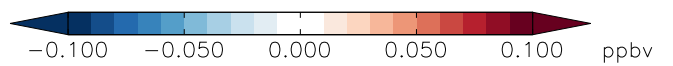
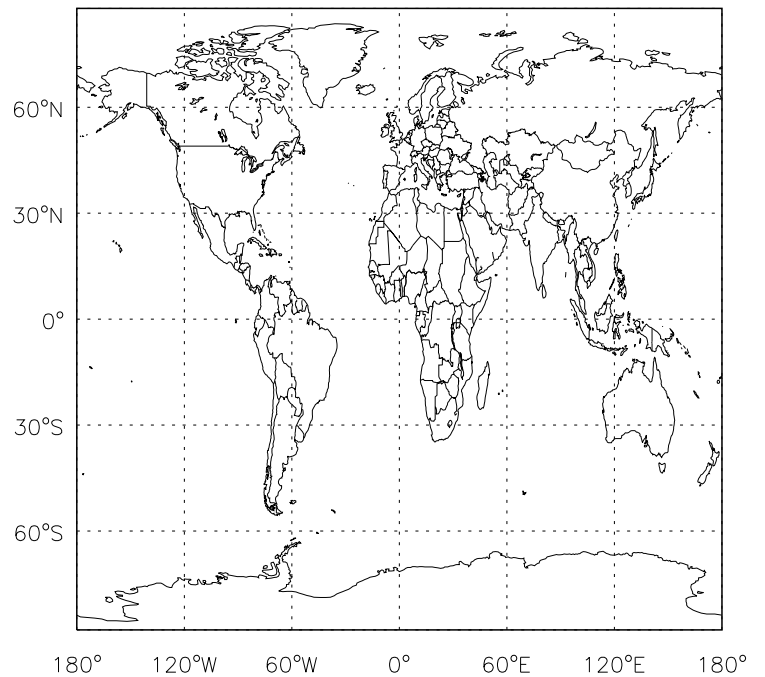
v11-01g-Run0 - v11-01d-Run1

CFC12 - Diff @ Surface for Apr



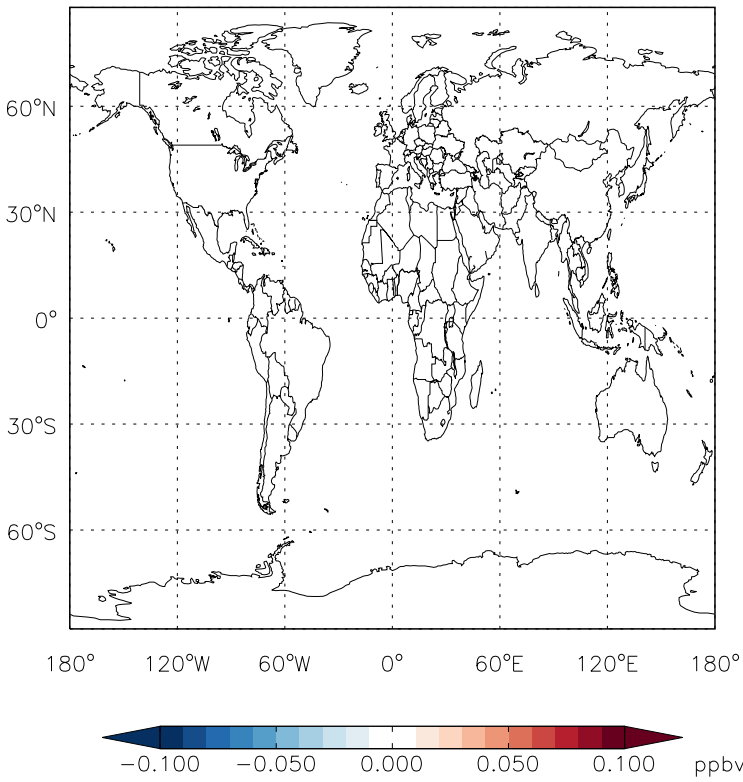
v11-01g-Run0 - v11-01d-Run1

CFC12- Diff @ 500 hPa for Apr

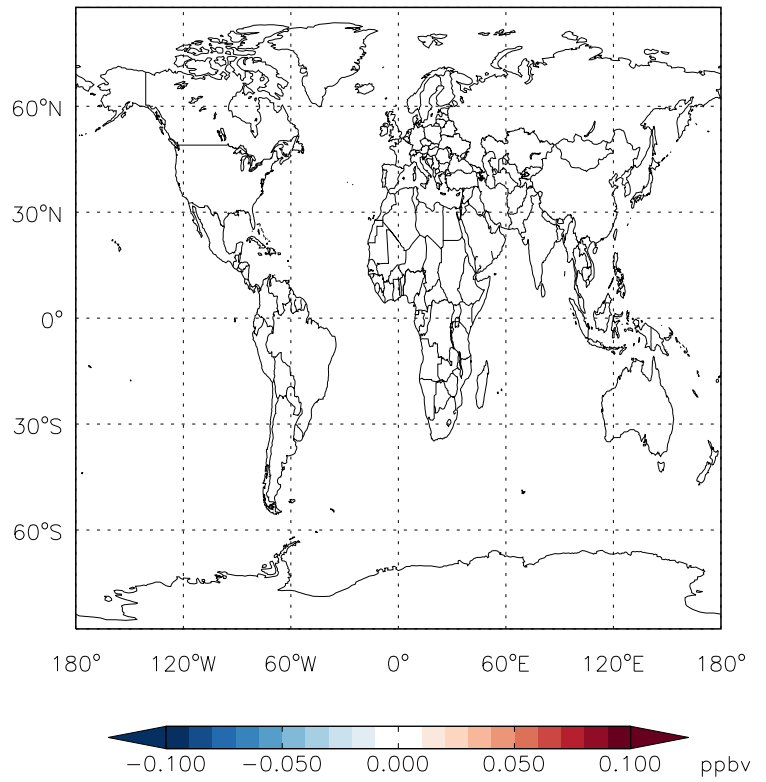


GEOS-Chem Difference Maps at surface and 500 hPa

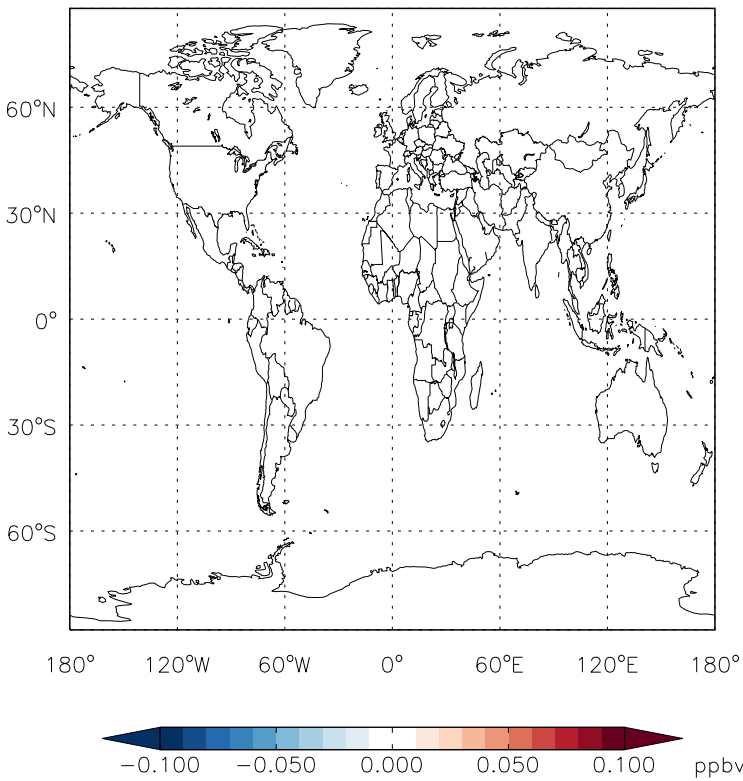
v11-01g-Run0 - v11-01f-geosfp-Run0  
HCFC22 - Diff @ Surface for Apr



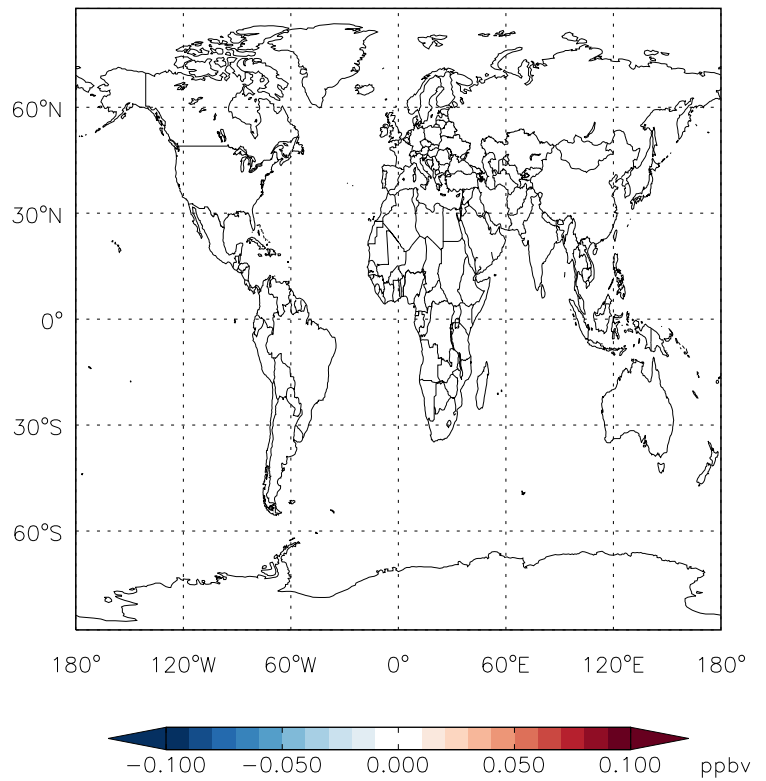
v11-01g-Run0 - v11-01f-geosfp-Run0  
HCFC22 - Diff @ 500 hPa for Apr



v11-01g-Run0 - v11-01d-Run1  
HCFC22 - Diff @ Surface for Apr



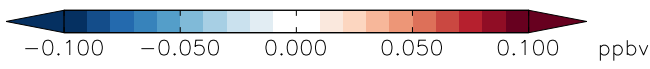
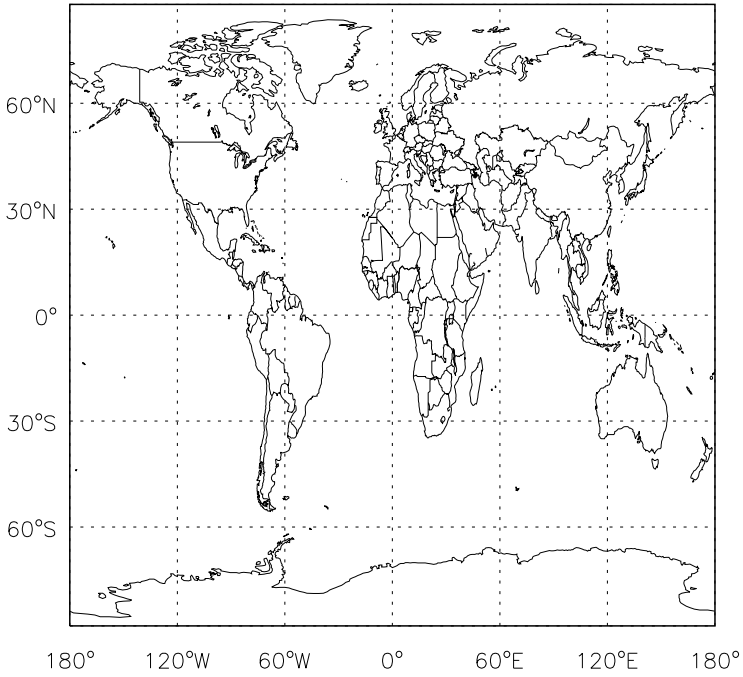
v11-01g-Run0 - v11-01d-Run1  
HCFC22 - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

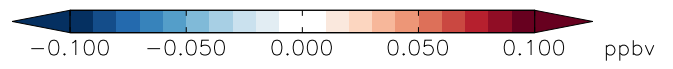
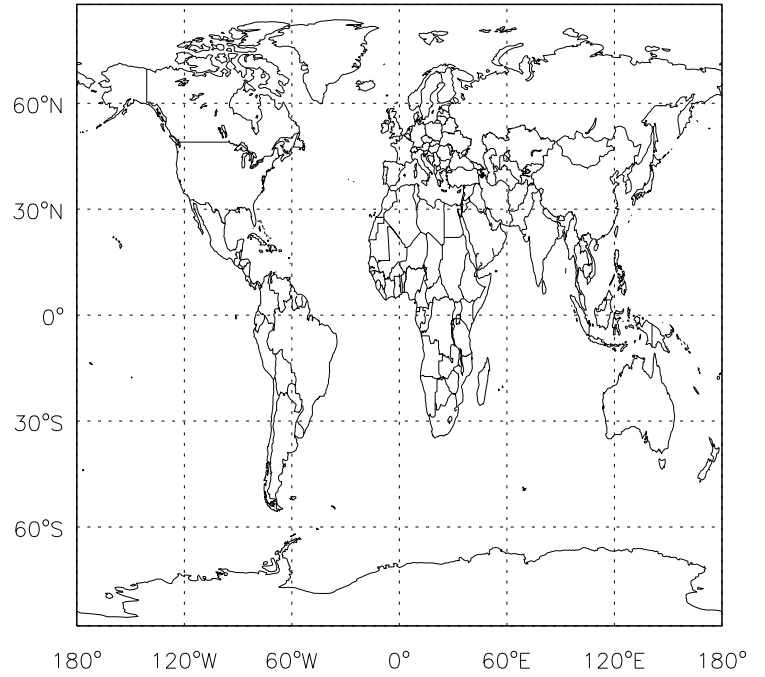
v11-01g-Run0 - v11-01f-geosfp-Run0

H1211 - Diff @ Surface for Apr



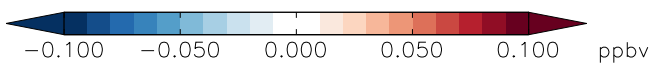
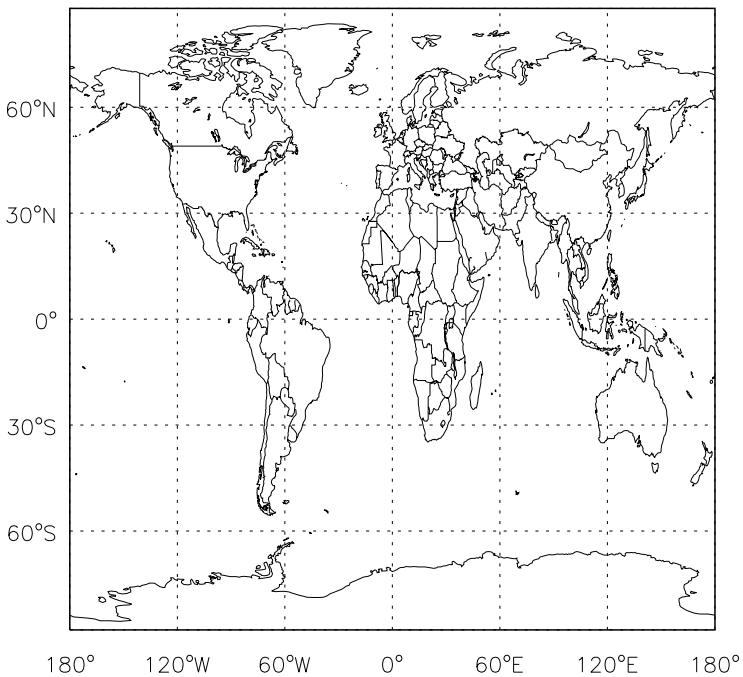
v11-01g-Run0 - v11-01f-geosfp-Run0

H1211 - Diff @ 500 hPa for Apr



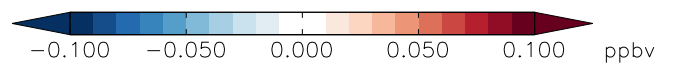
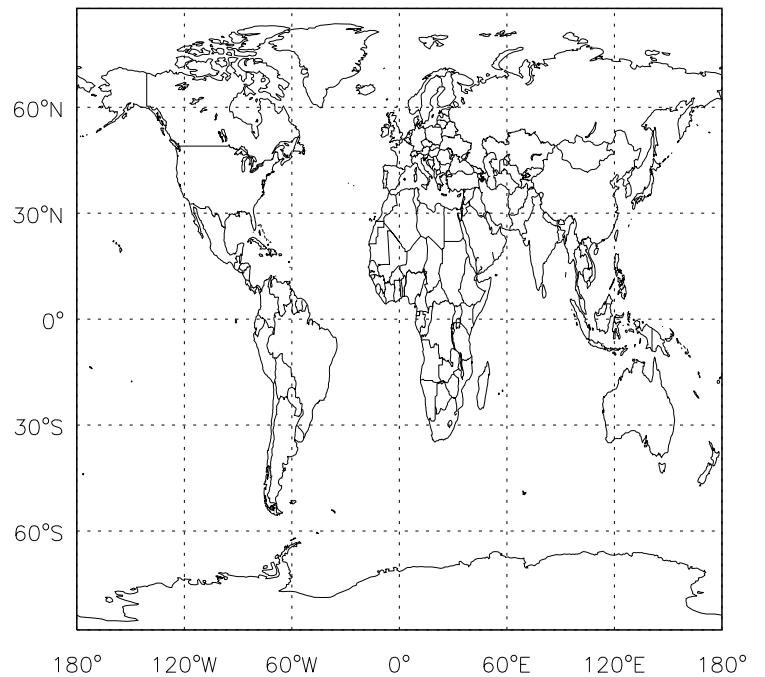
v11-01g-Run0 - v11-01d-Run1

H1211 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

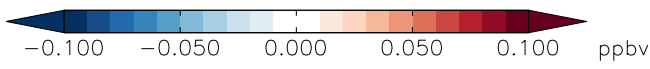
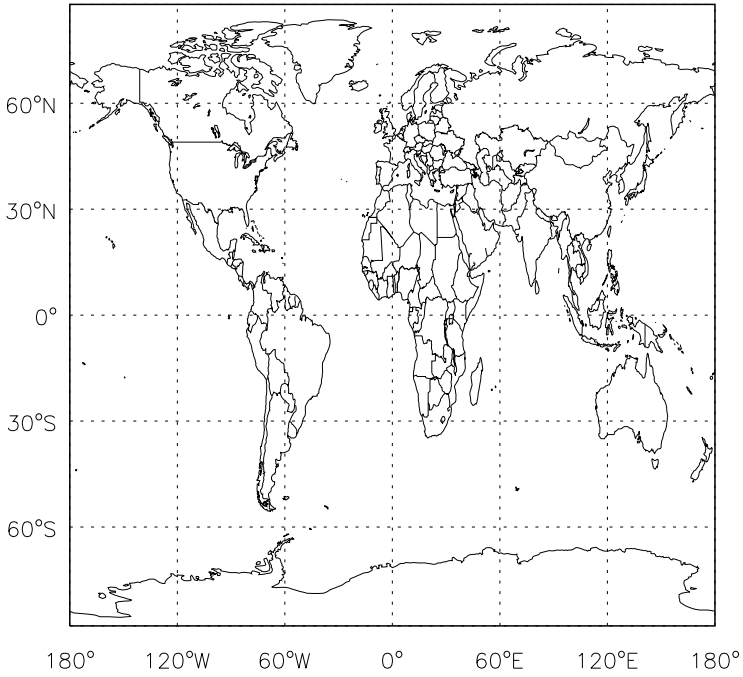
H1211 - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

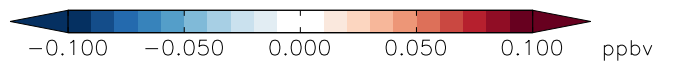
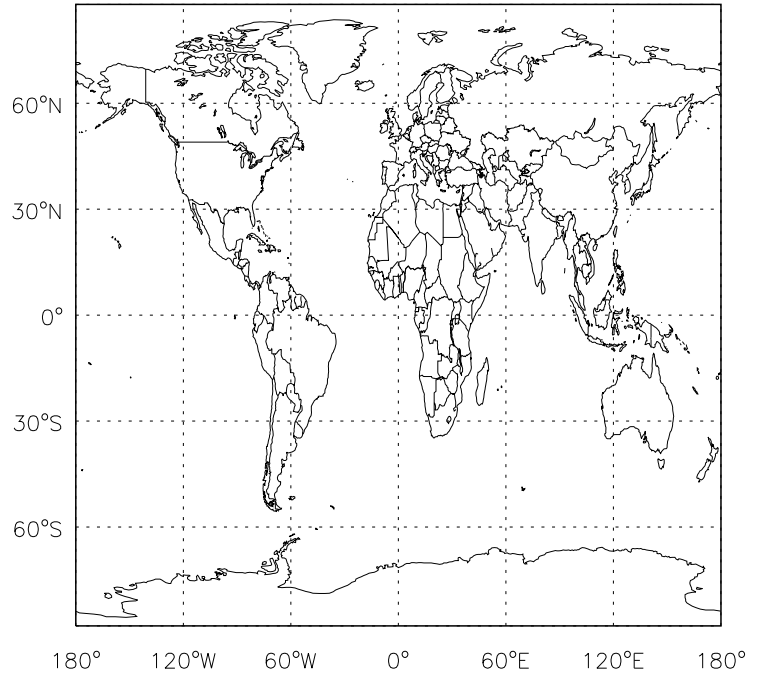
v11-01g-Run0 - v11-01f-geosfp-Run0

H1301 - Diff @ Surface for Apr



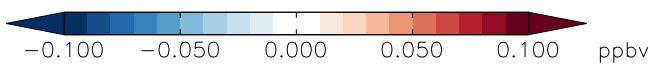
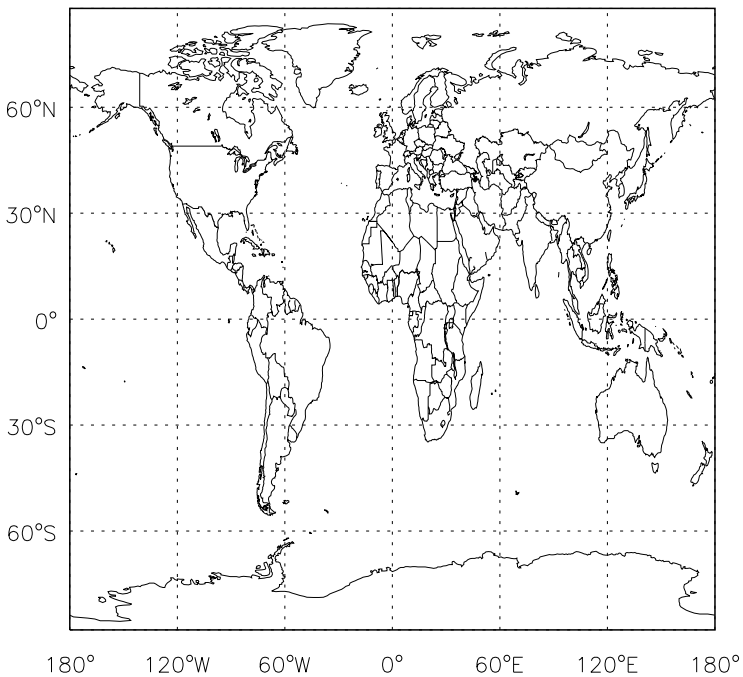
v11-01g-Run0 - v11-01f-geosfp-Run0

H1301 - Diff @ 500 hPa for Apr



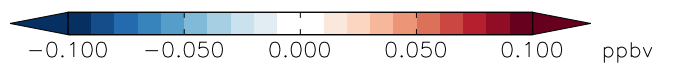
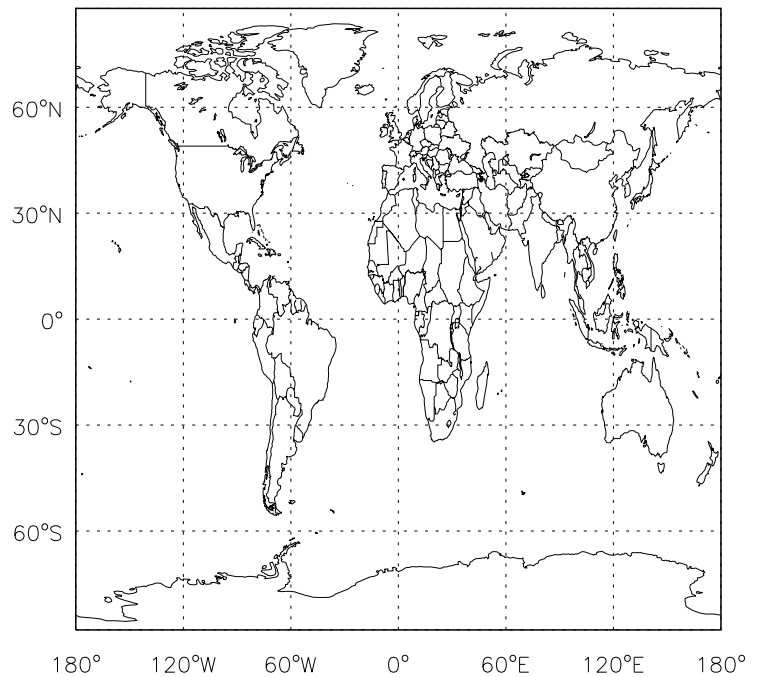
v11-01g-Run0 - v11-01d-Run1

H1301 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

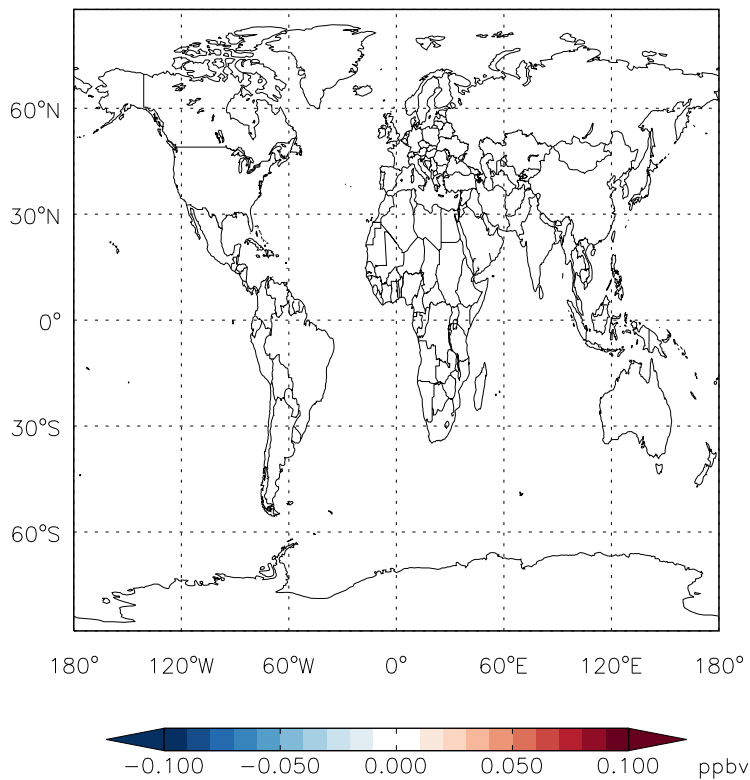
H1301 - Diff @ 500 hPa for Apr



# GEOS-Chem Difference Maps at surface and 500 hPa

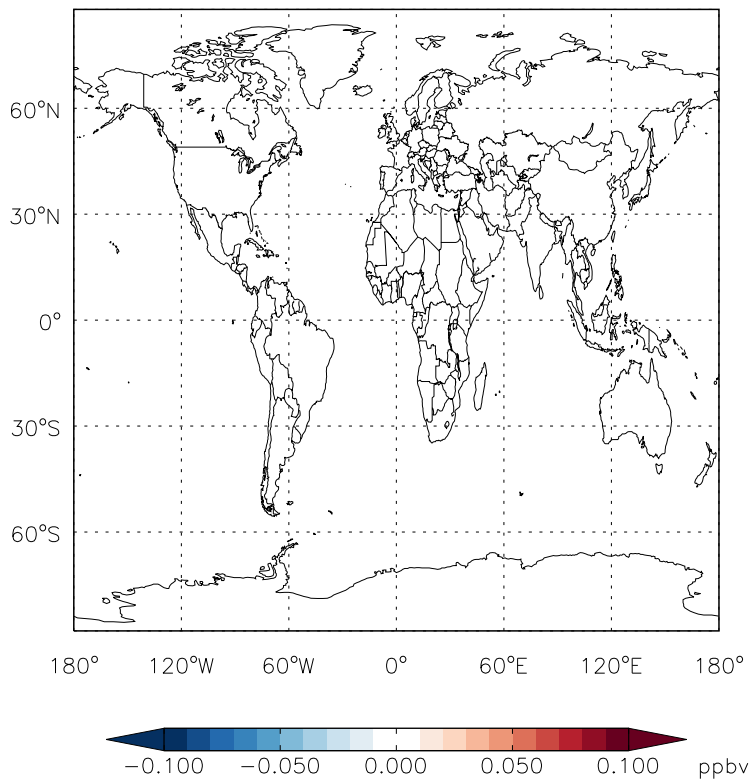
v11-01g-Run0 - v11-01f-geosfp-Run0

H2402 - Diff @ Surface for Apr



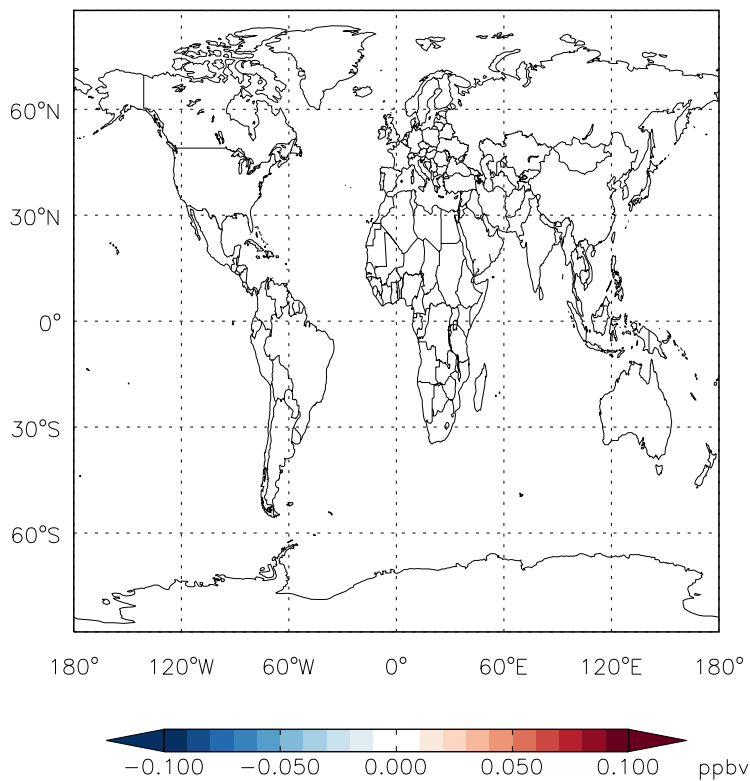
v11-01g-Run0 - v11-01f-geosfp-Run0

H2402- Diff @ 500 hPa for Apr



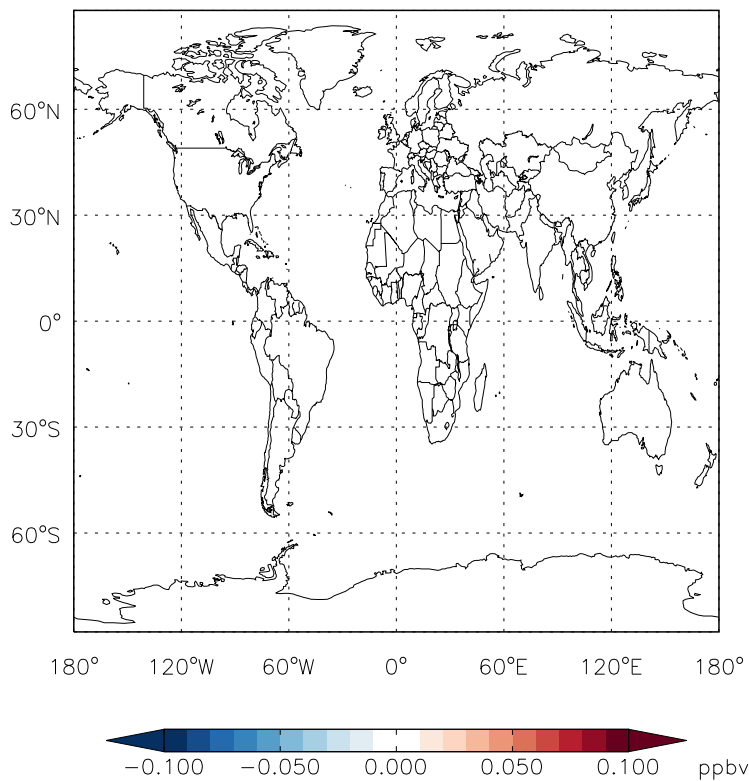
v11-01g-Run0 - v11-01d-Run1

H2402 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

H2402- Diff @ 500 hPa for Apr

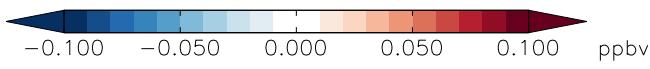
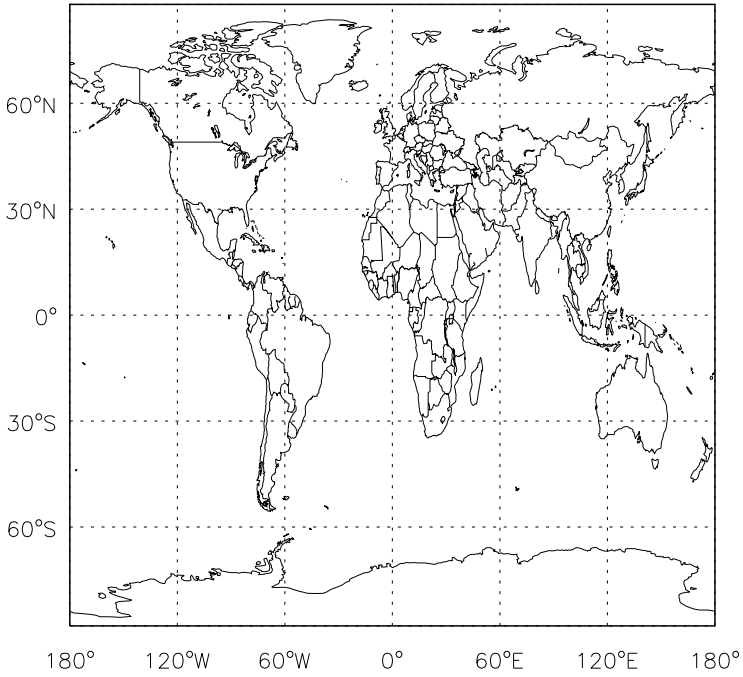




GEOS-Chem Difference Maps at surface and 500 hPa

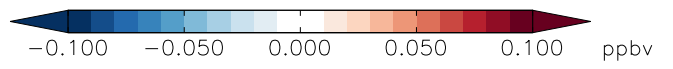
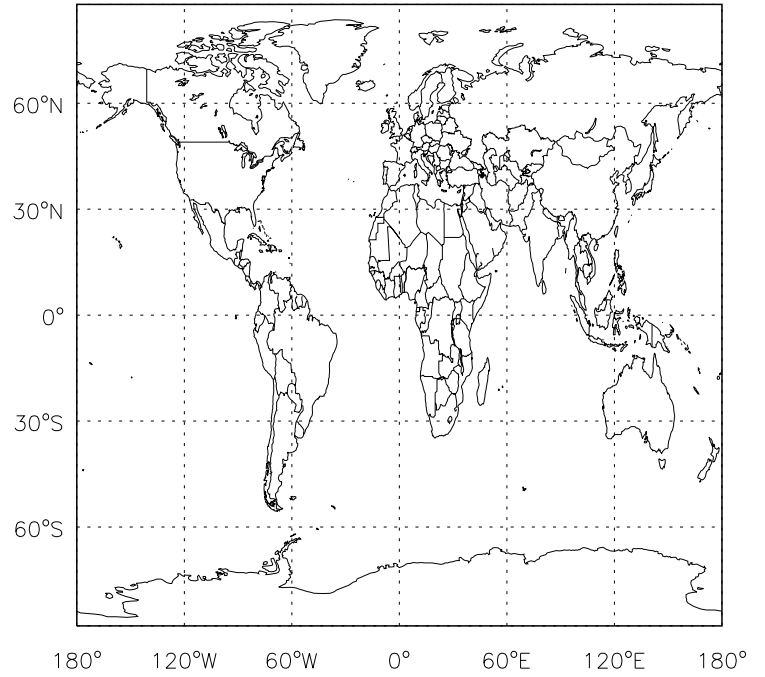
v11-01g-Run0 - v11-01f-geosfp-Run0

Cl - Diff @ Surface for Apr



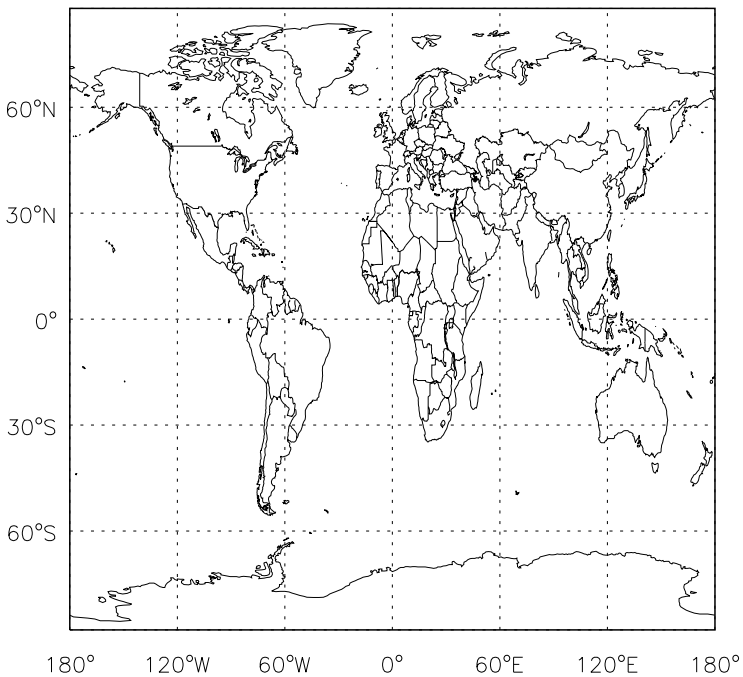
v11-01g-Run0 - v11-01f-geosfp-Run0

Cl- Diff @ 500 hPa for Apr



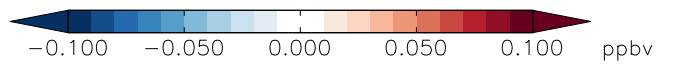
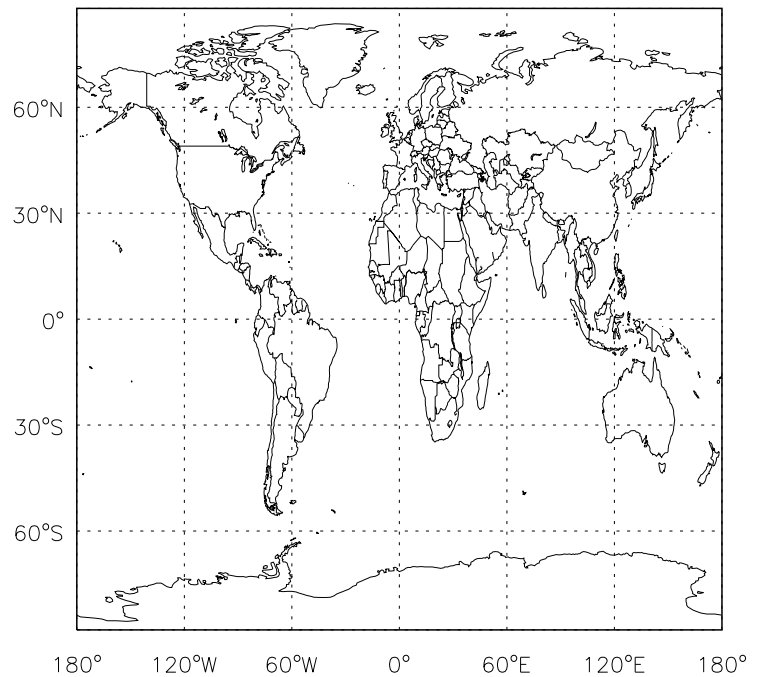
v11-01g-Run0 - v11-01d-Run1

Cl - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

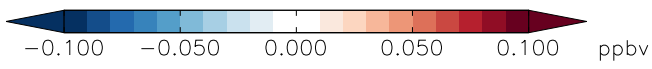
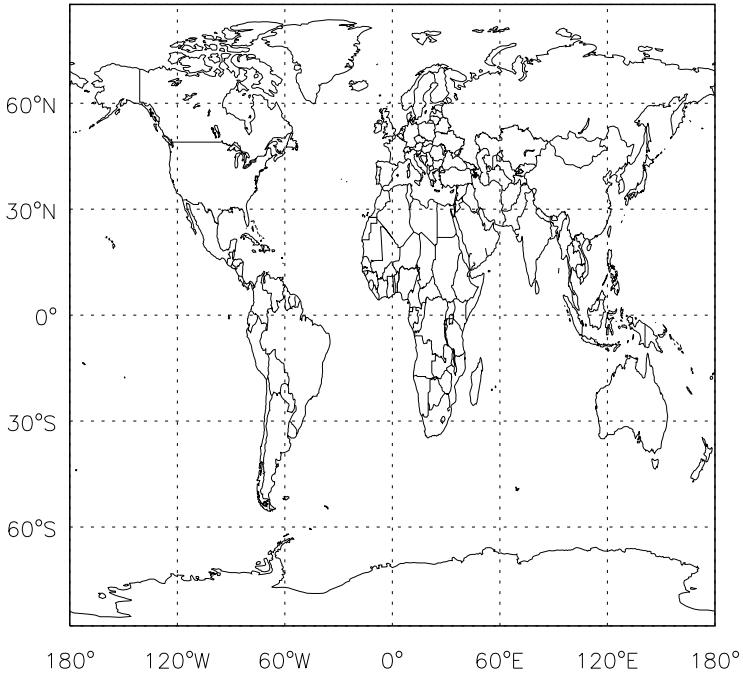
Cl- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

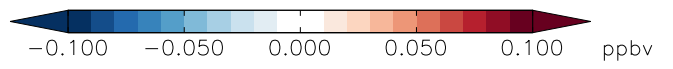
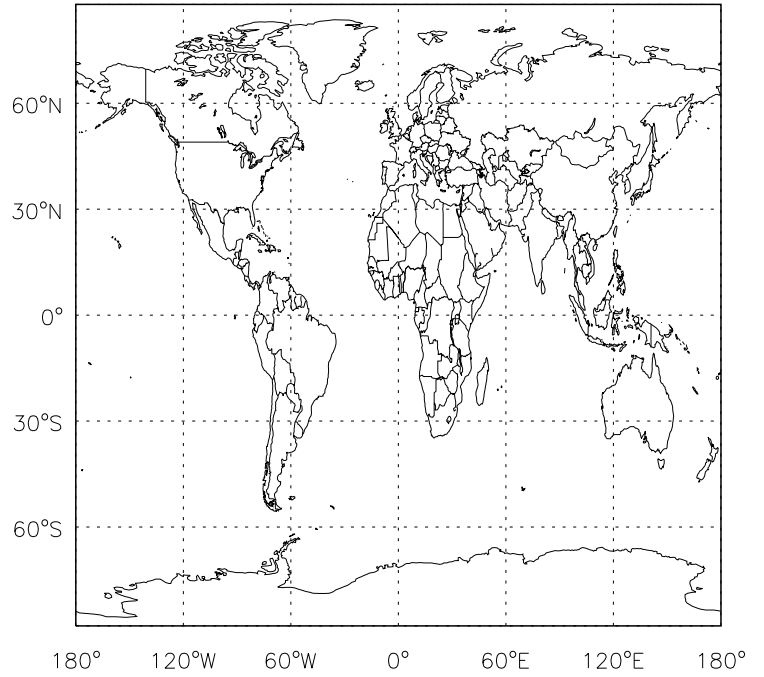
v11-01g-Run0 - v11-01f-geosfp-Run0

CIO - Diff @ Surface for Apr



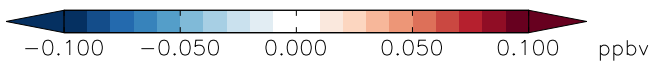
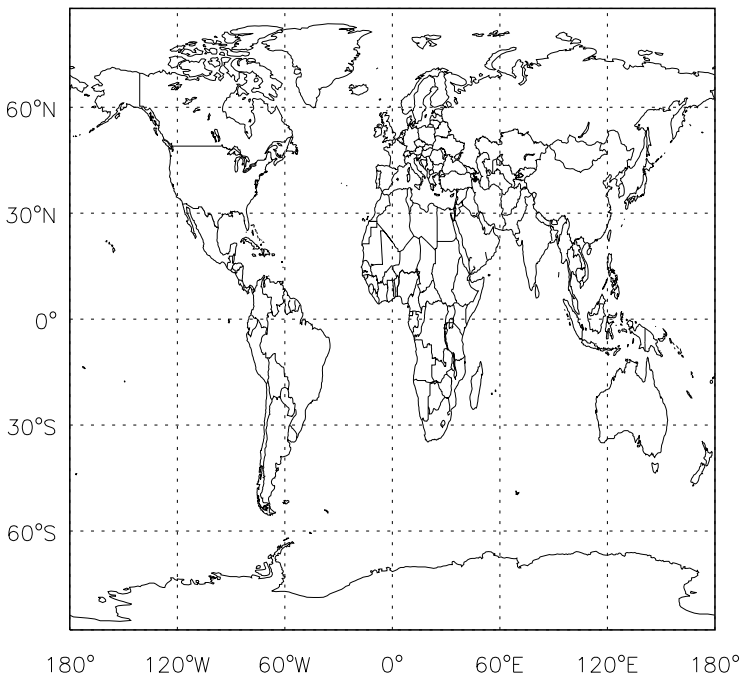
v11-01g-Run0 - v11-01f-geosfp-Run0

CIO - Diff @ 500 hPa for Apr



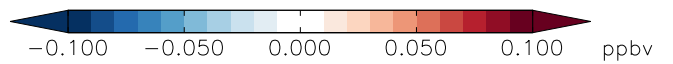
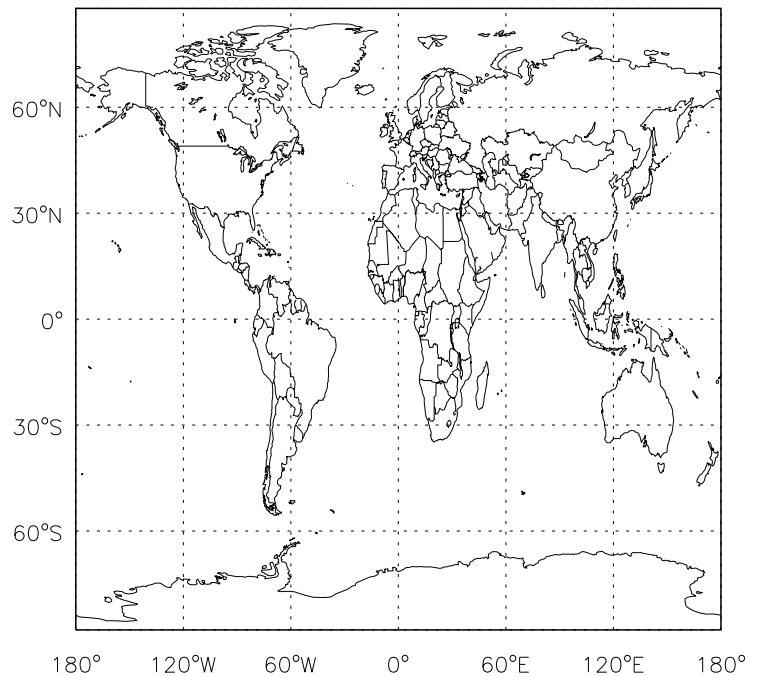
v11-01g-Run0 - v11-01d-Run1

CIO - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

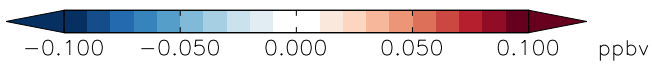
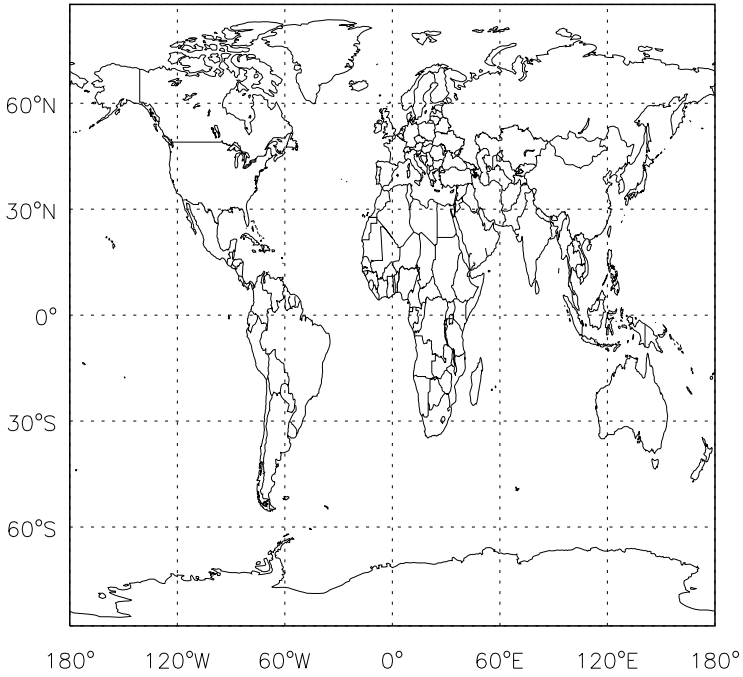
CIO - Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

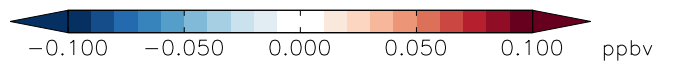
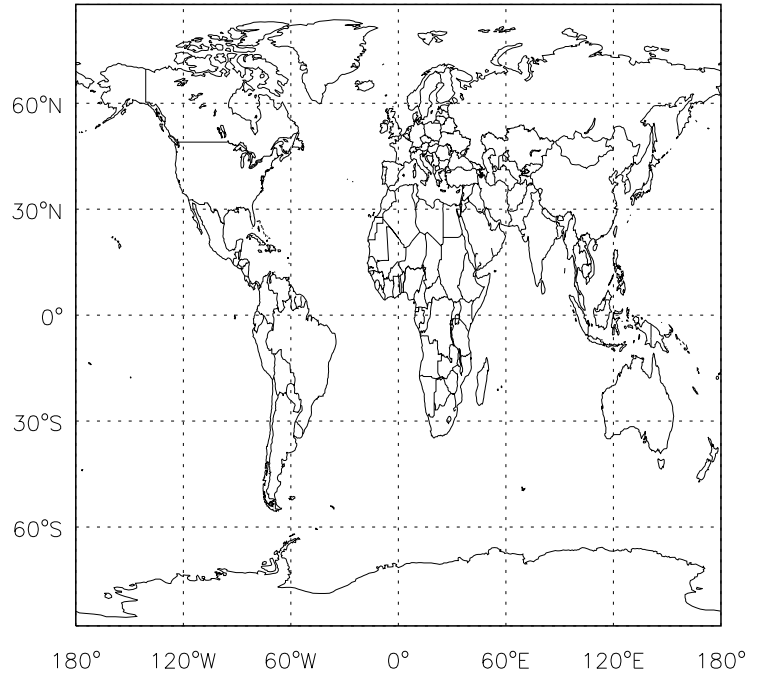
v11-01g-Run0 - v11-01f-geosfp-Run0

HOCl - Diff @ Surface for Apr



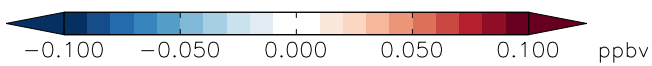
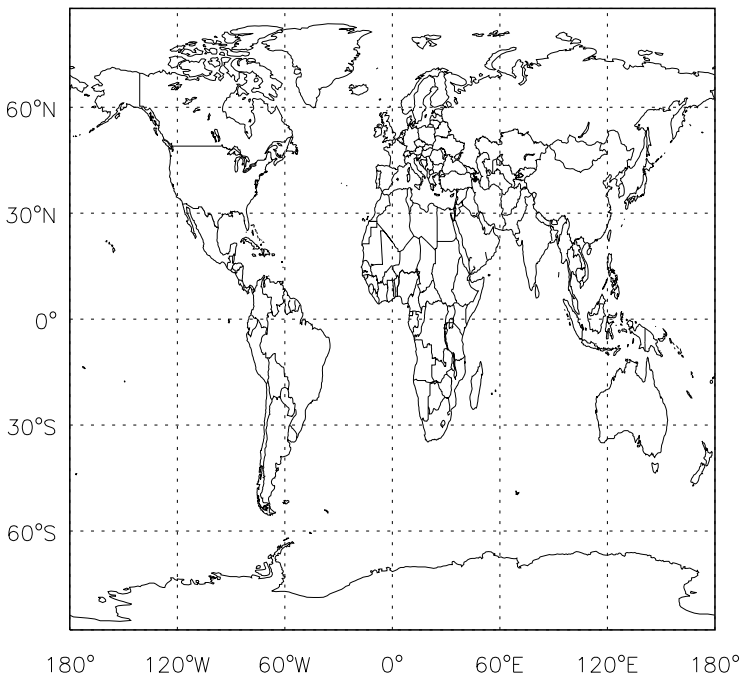
v11-01g-Run0 - v11-01f-geosfp-Run0

HOCl- Diff @ 500 hPa for Apr



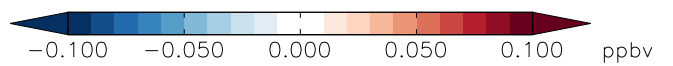
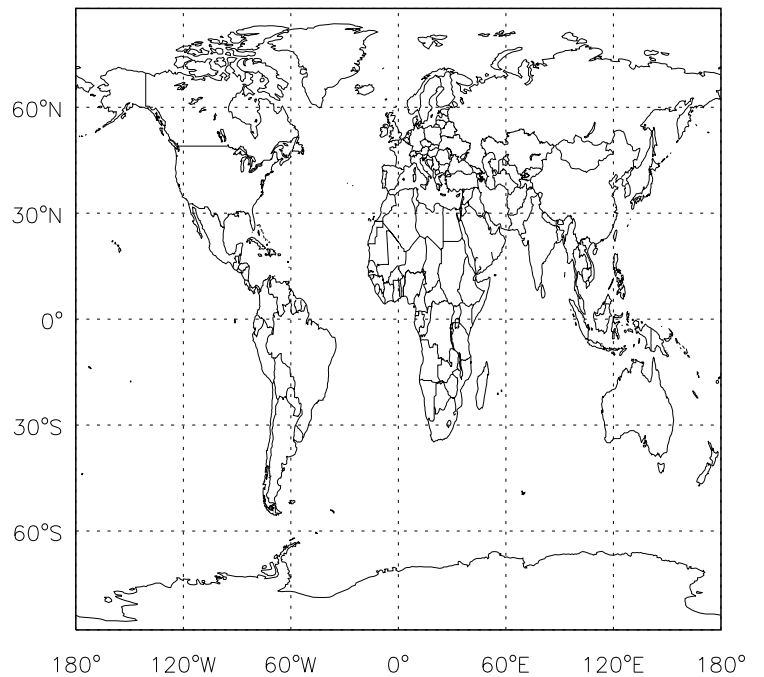
v11-01g-Run0 - v11-01d-Run1

HOCl - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

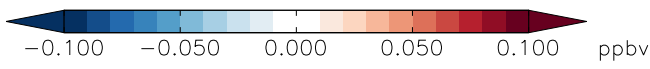
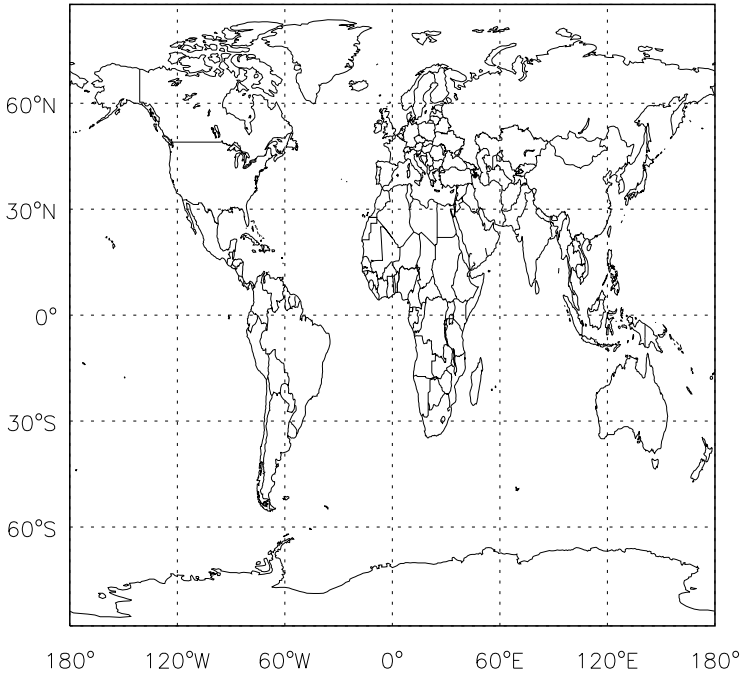
HOCl- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

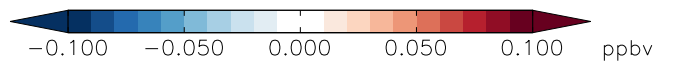
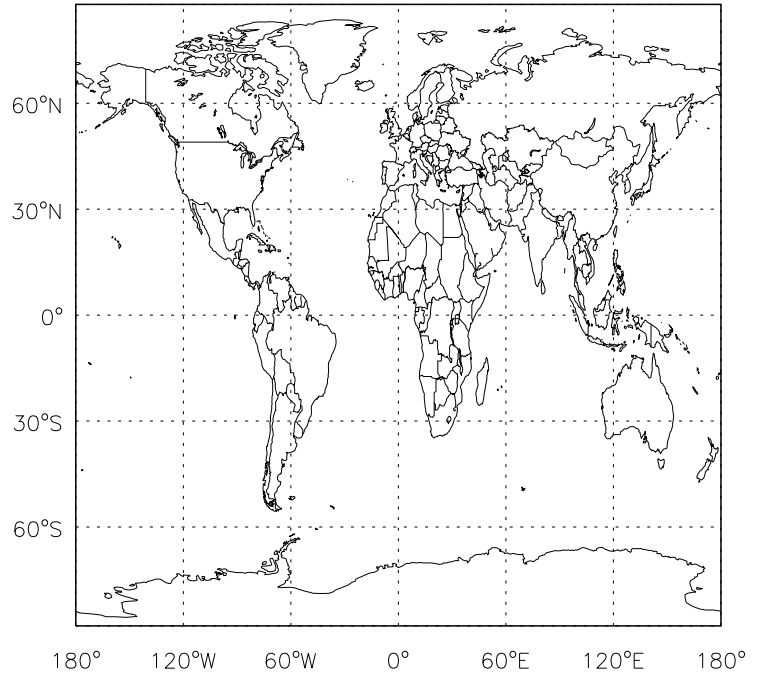
v11-01g-Run0 - v11-01f-geosfp-Run0

CIN03 - Diff @ Surface for Apr



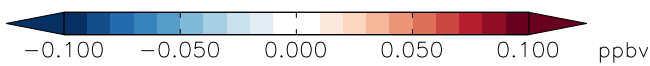
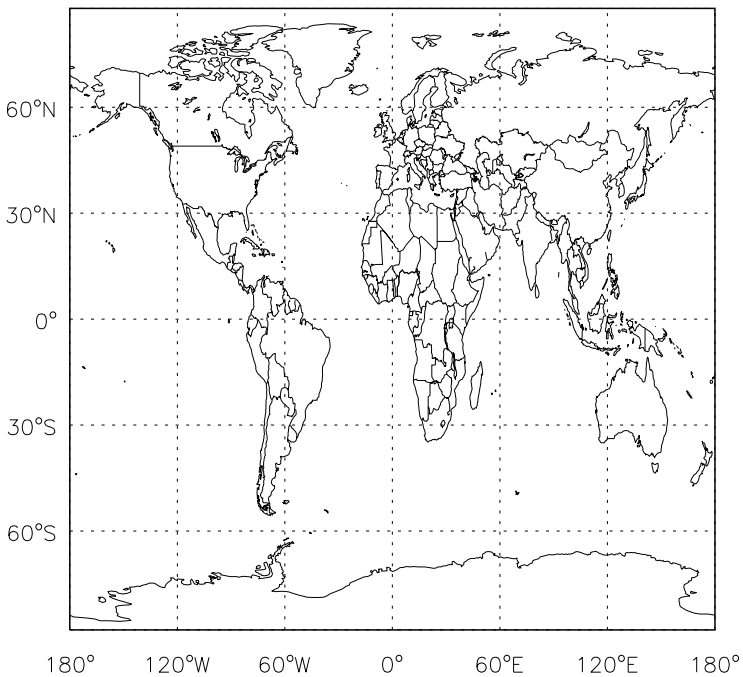
v11-01g-Run0 - v11-01f-geosfp-Run0

CIN03- Diff @ 500 hPa for Apr



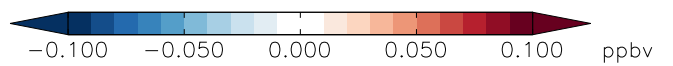
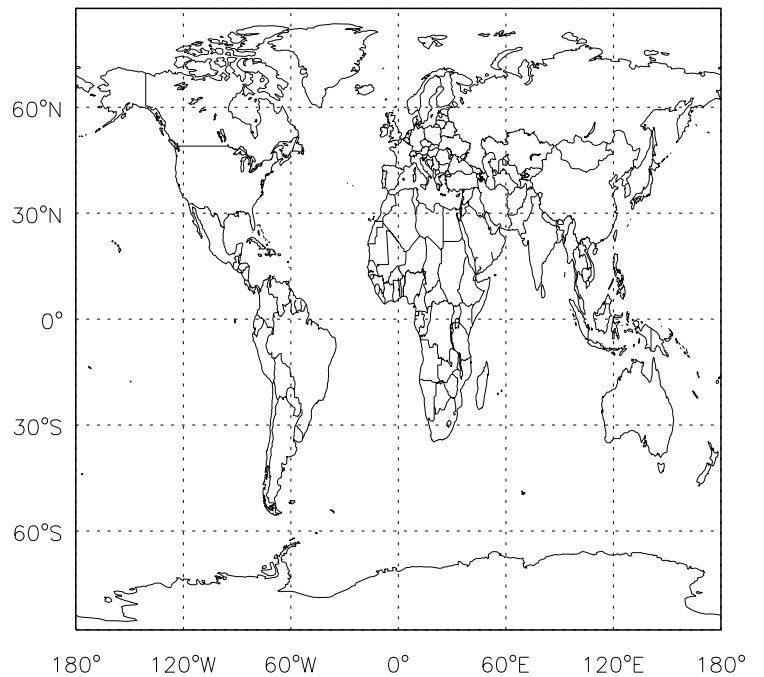
v11-01g-Run0 - v11-01d-Run1

CIN03 - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

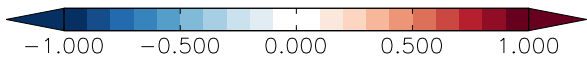
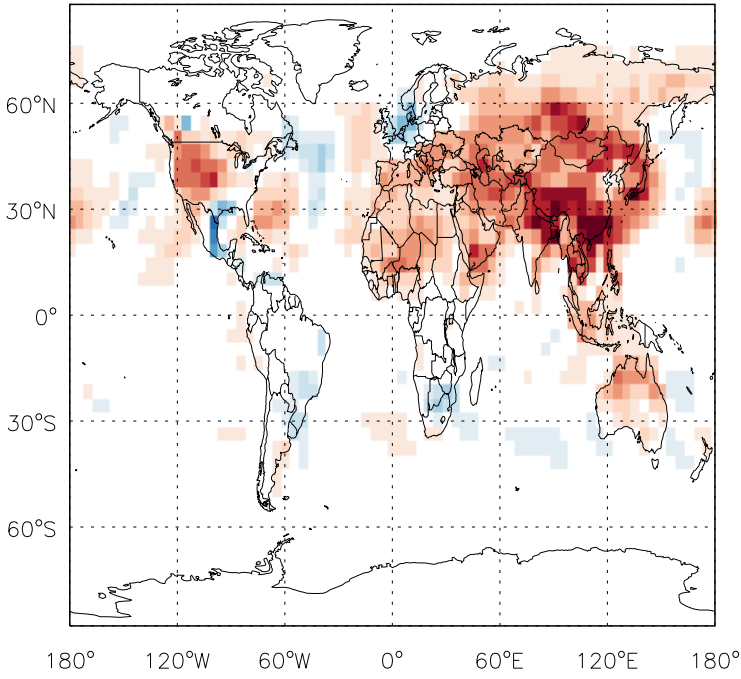
CIN03- Diff @ 500 hPa for Apr



GEOS-Chem Difference Maps at surface and 500 hPa

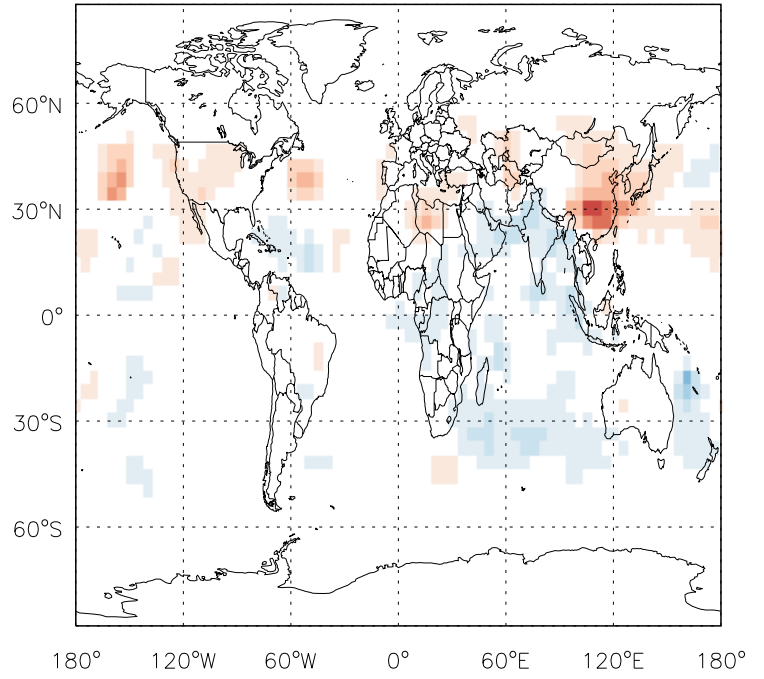
v11-01g-Run0 - v11-01f-geosp-Run0

OH - Diff @ Surface for Apr



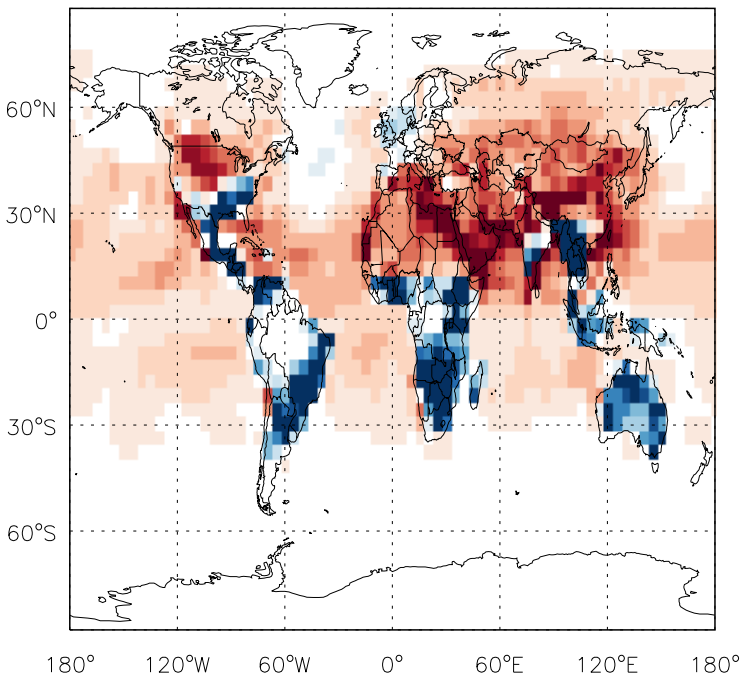
v11-01g-Run0 - v11-01f-geosp-Run0

OH- Diff @ 500 hPa for Apr



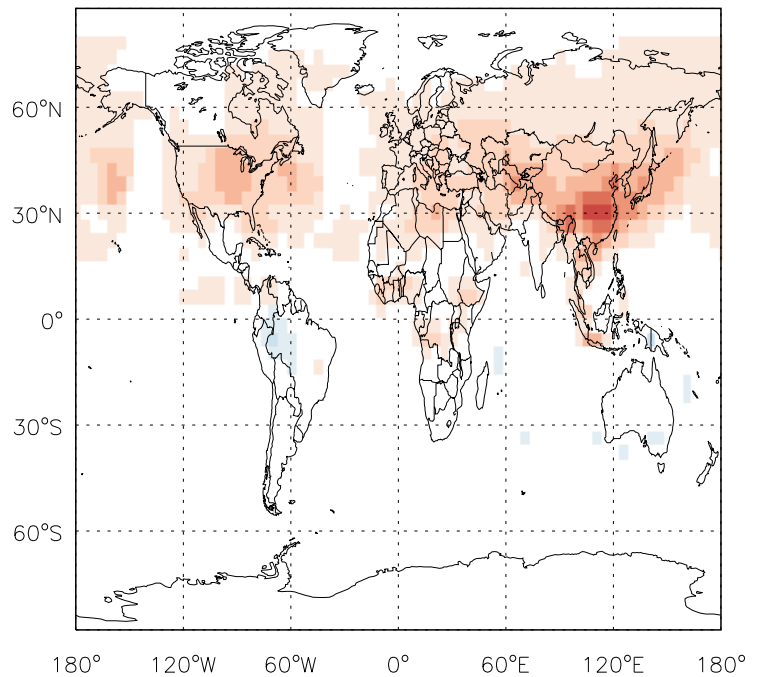
v11-01g-Run0 - v11-01d-Run1

OH - Diff @ Surface for Apr



v11-01g-Run0 - v11-01d-Run1

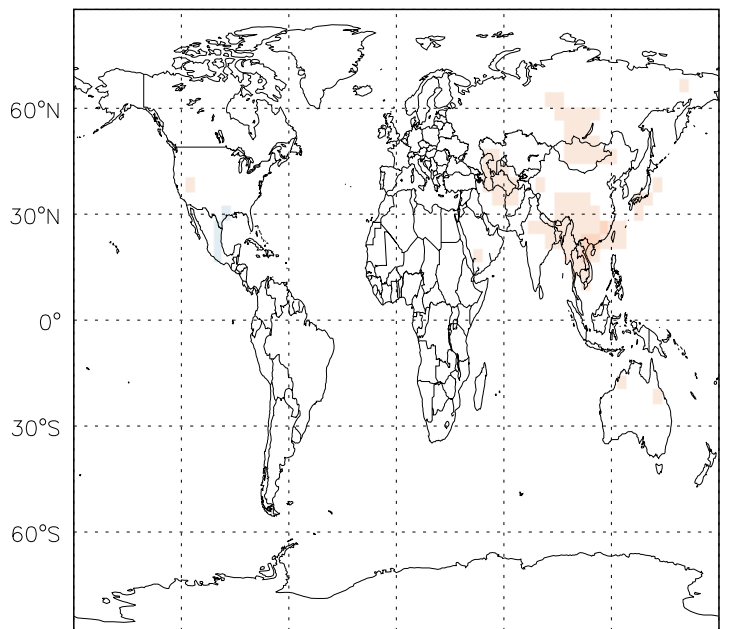
OH- Diff @ 500 hPa for Apr



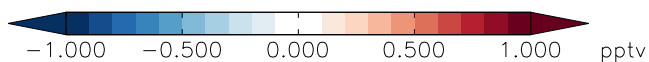
# GEOS-Chem Difference Maps at surface and 500 hPa

v11-01g-Run0 - v11-01f-geosfp-Run0

H<sub>2</sub> - Diff @ Surface for Apr

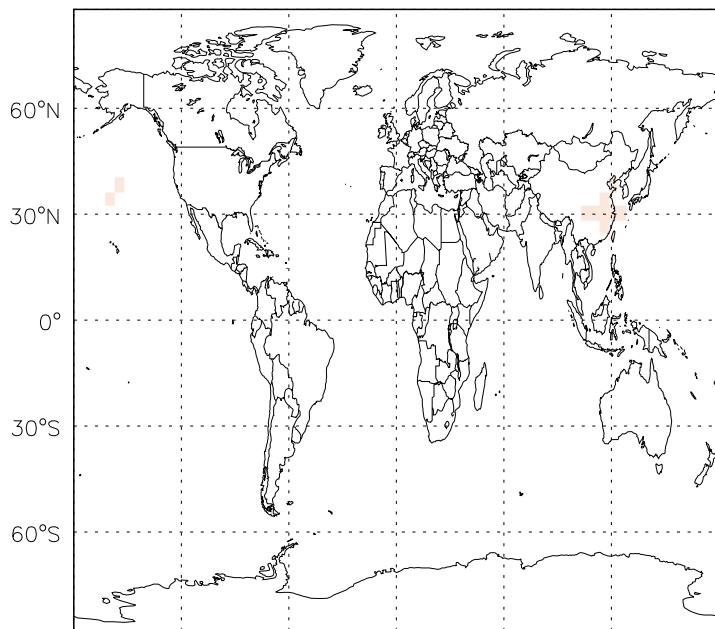


180° 120°W 60°W 0° 60°E 120°E 180°

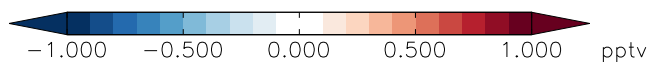


v11-01g-Run0 - v11-01f-geosfp-Run0

H<sub>2</sub> - Diff @ 500 hPa for Apr

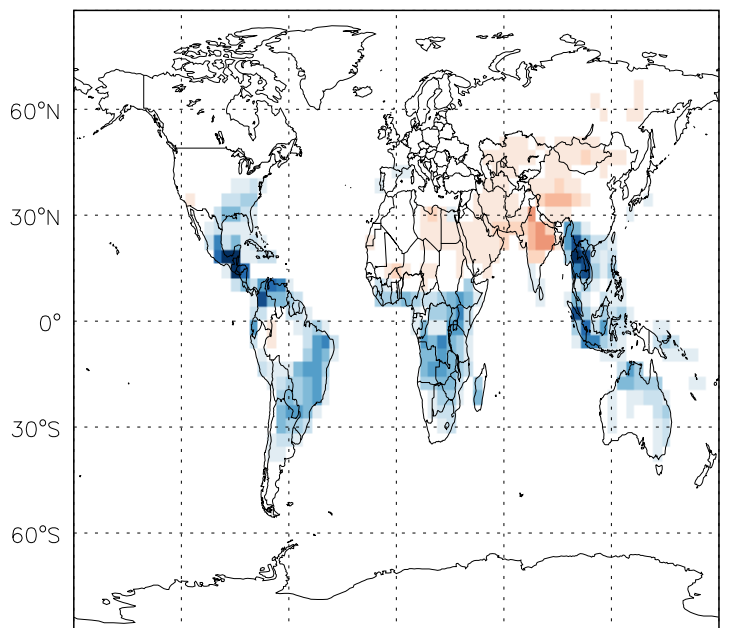


180° 120°W 60°W 0° 60°E 120°E 180°

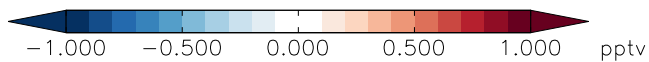


v11-01g-Run0 - v11-01d-Run1

H<sub>2</sub> - Diff @ Surface for Apr

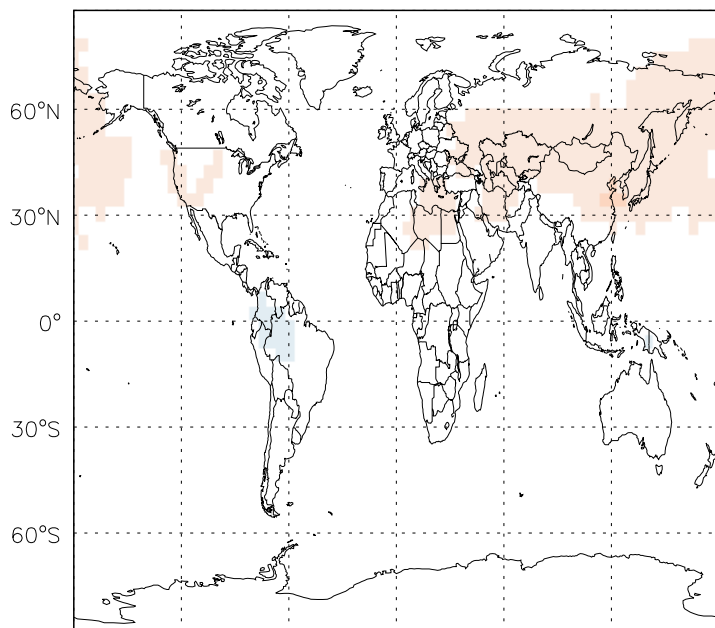


180° 120°W 60°W 0° 60°E 120°E 180°



v11-01g-Run0 - v11-01d-Run1

H<sub>2</sub> - Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

