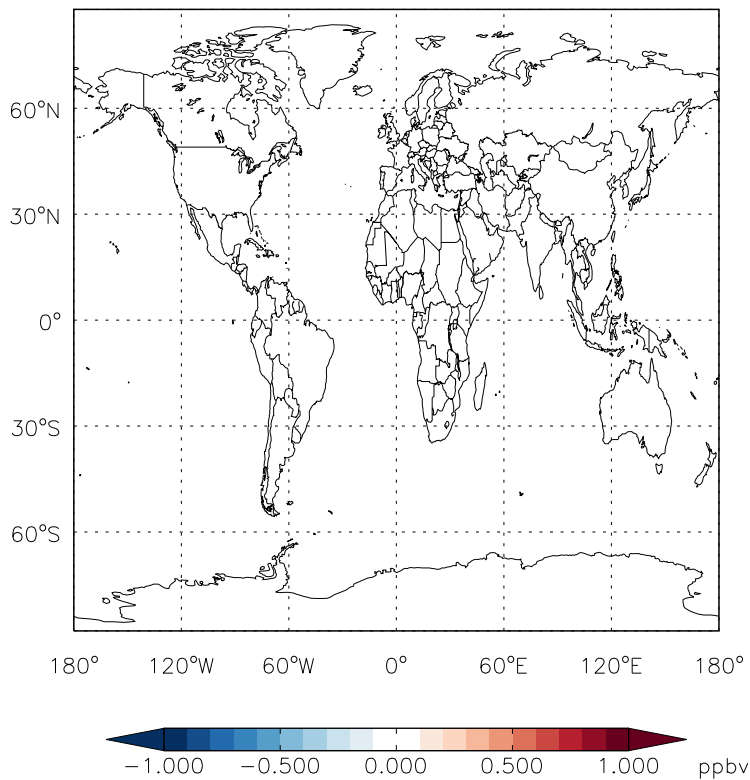


GEOS-Chem Difference Maps at surface and 500 hPa

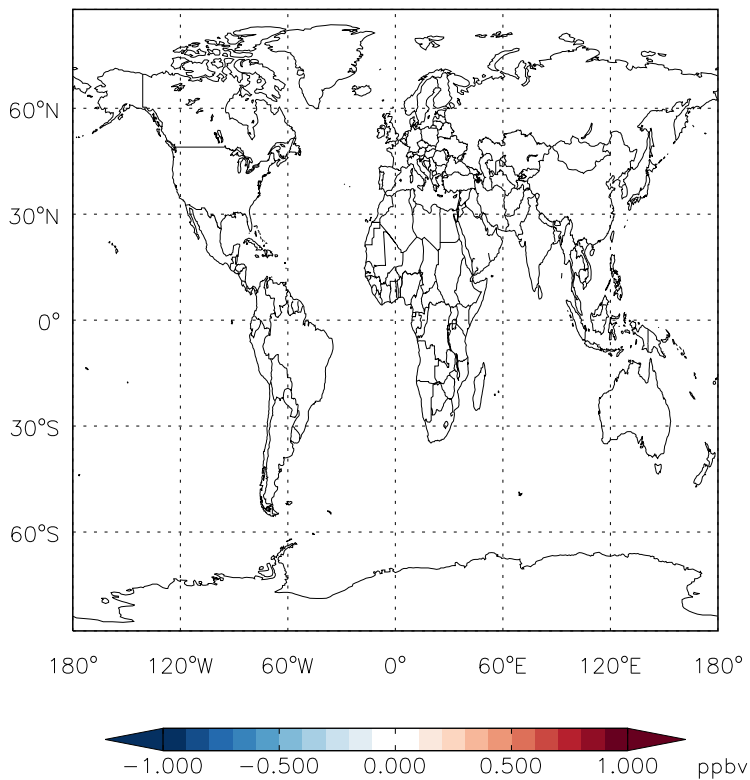
v11-01g-Run0 - v11-01f-geosfp-Run0

NO - Diff @ Surface for Jul



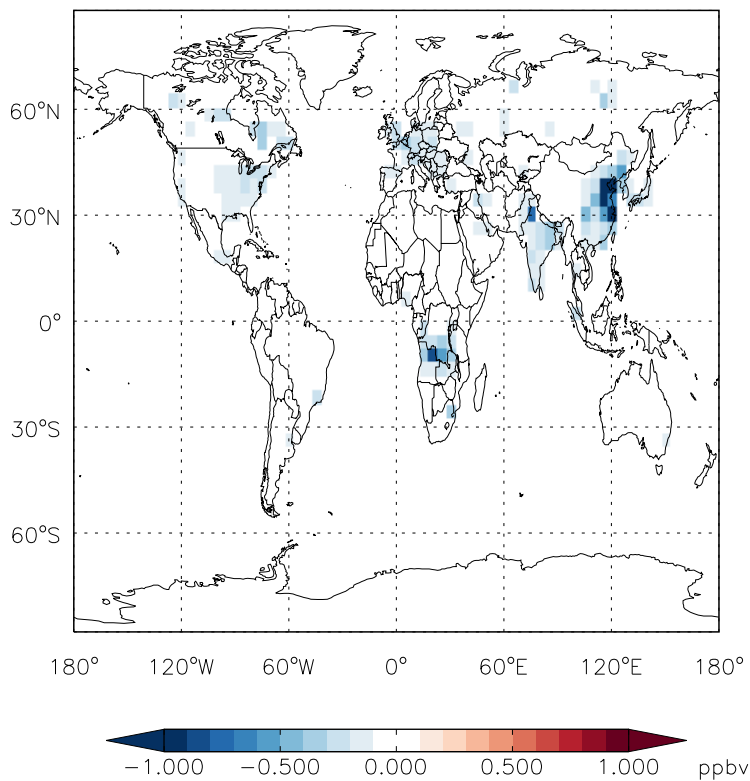
v11-01g-Run0 - v11-01f-geosfp-Run0

NO - Diff @ 500 hPa for Jul



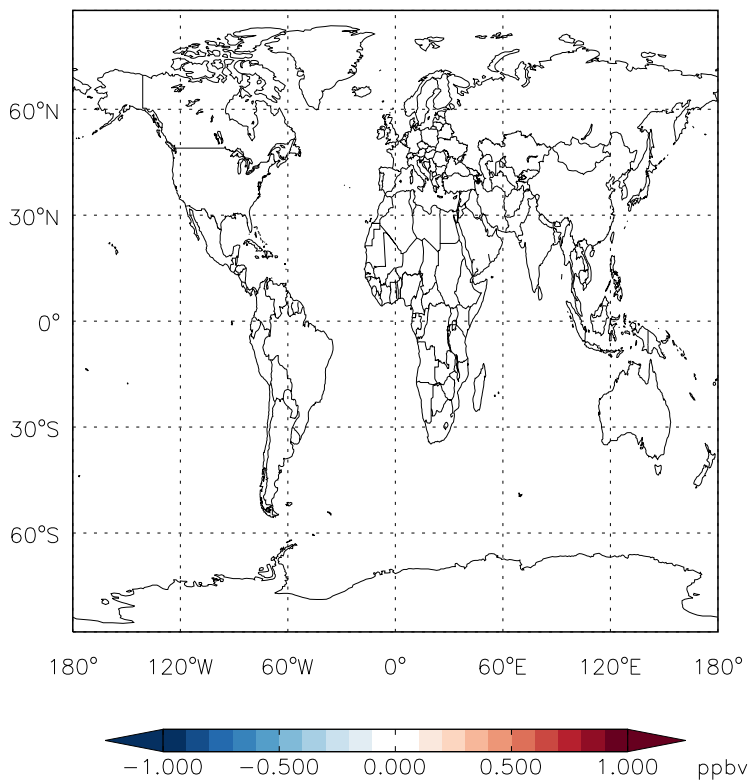
v11-01g-Run0 - v11-01d-Run1

NO - Diff @ Surface for Jul



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

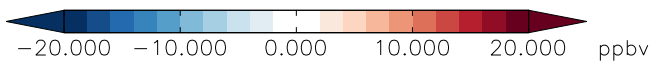
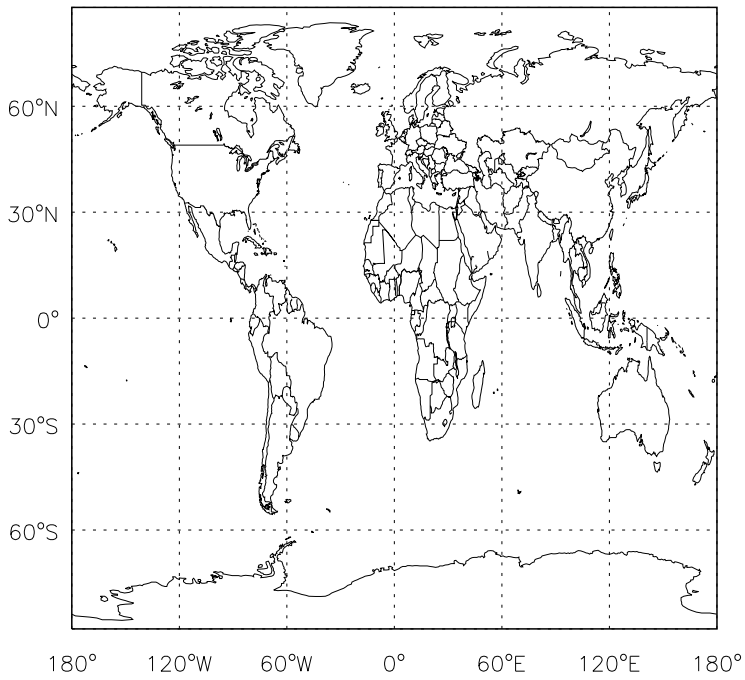
NO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

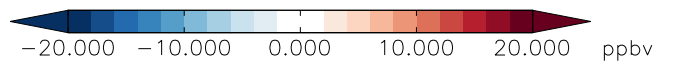
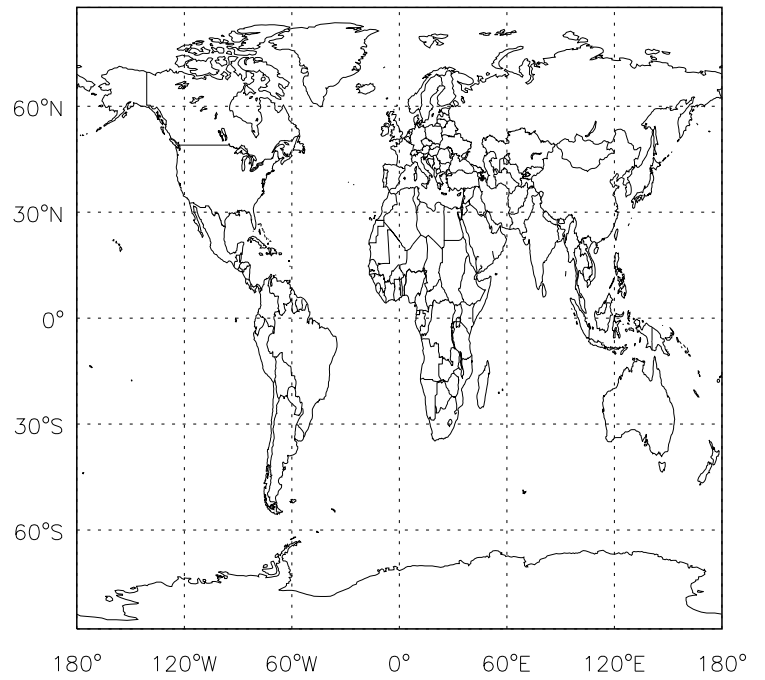
v11-01g-Run0 - v11-01f-geosfp-Run0

O3 - Diff @ Surface for Jul



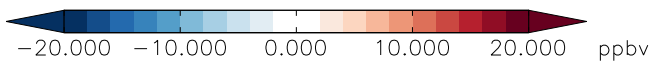
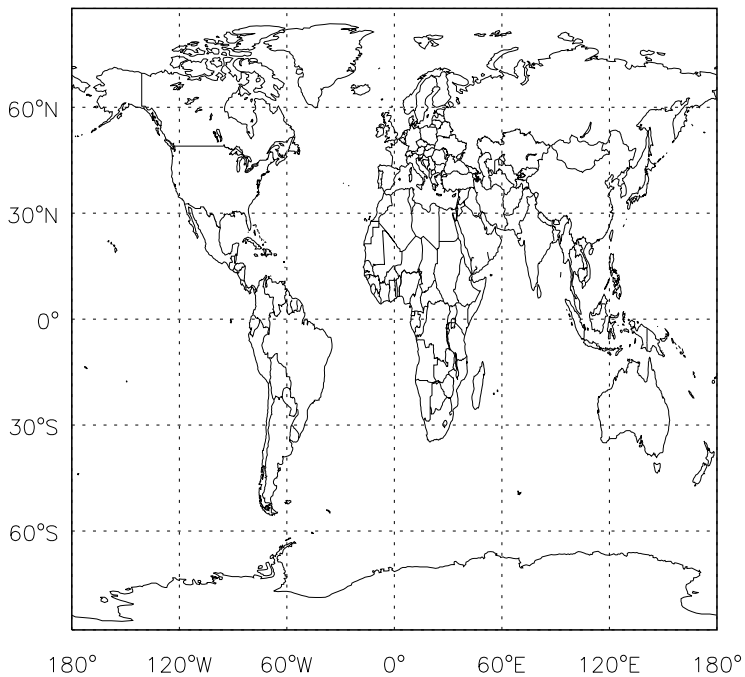
v11-01g-Run0 - v11-01f-geosfp-Run0

O3- Diff @ 500 hPa for Jul



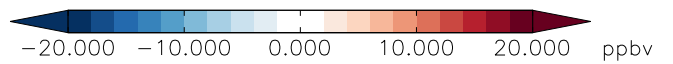
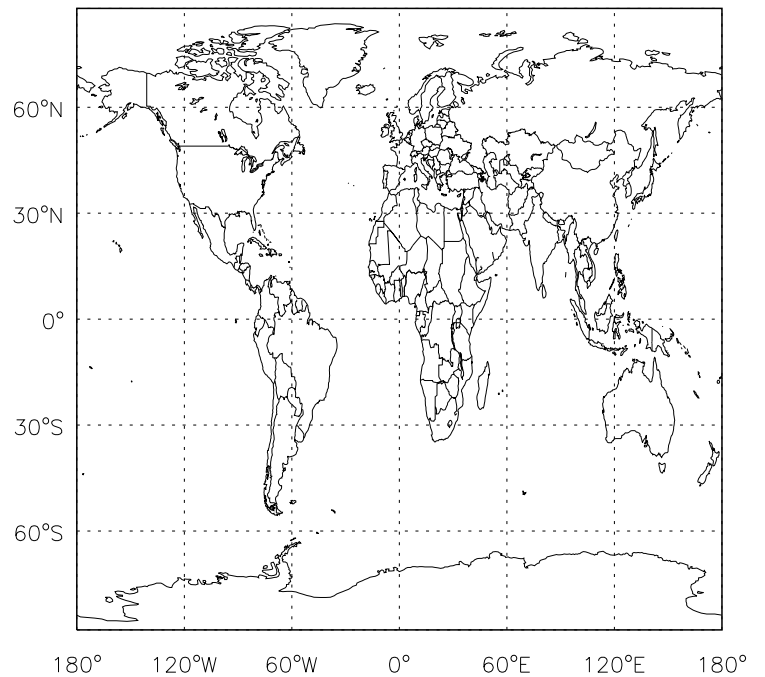
v11-01g-Run0 - v11-01d-Run1

O3 - Diff @ Surface for Jul



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

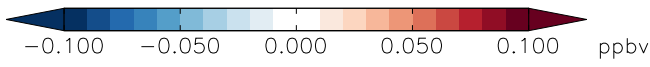
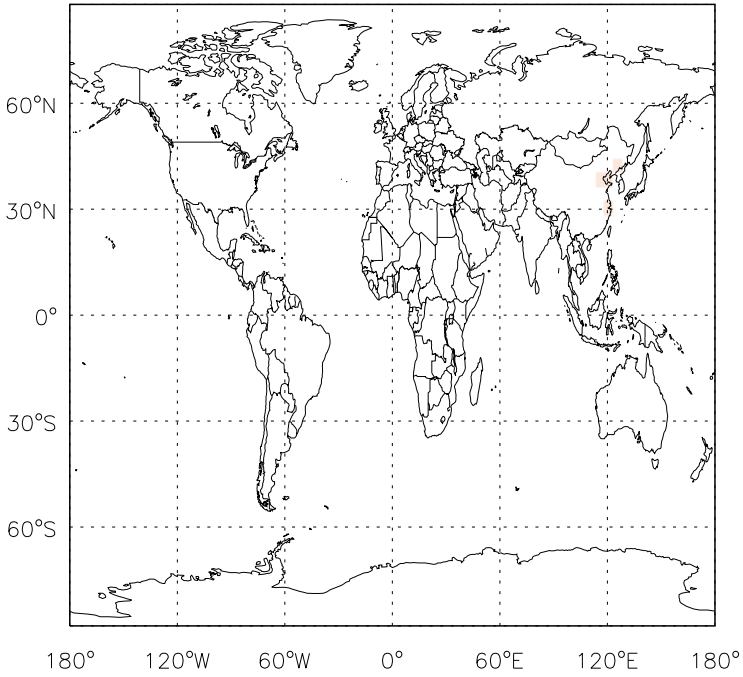
O3- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

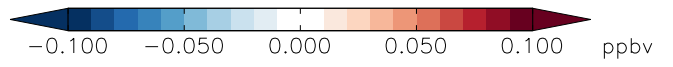
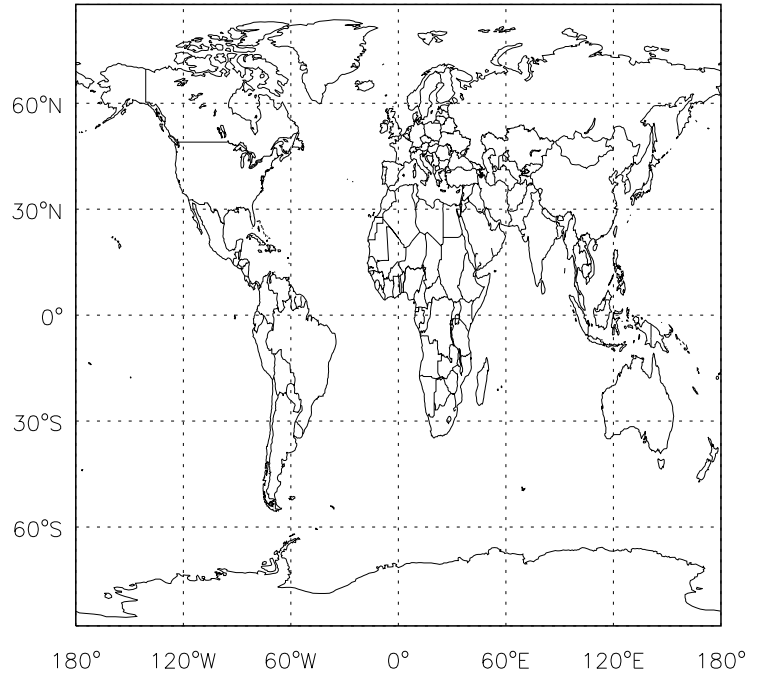
v11-01g-Run0 - v11-01f-geosfp-Run0

PAN - Diff @ Surface for Jul



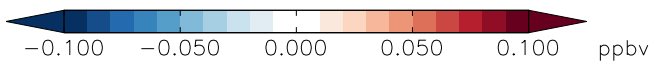
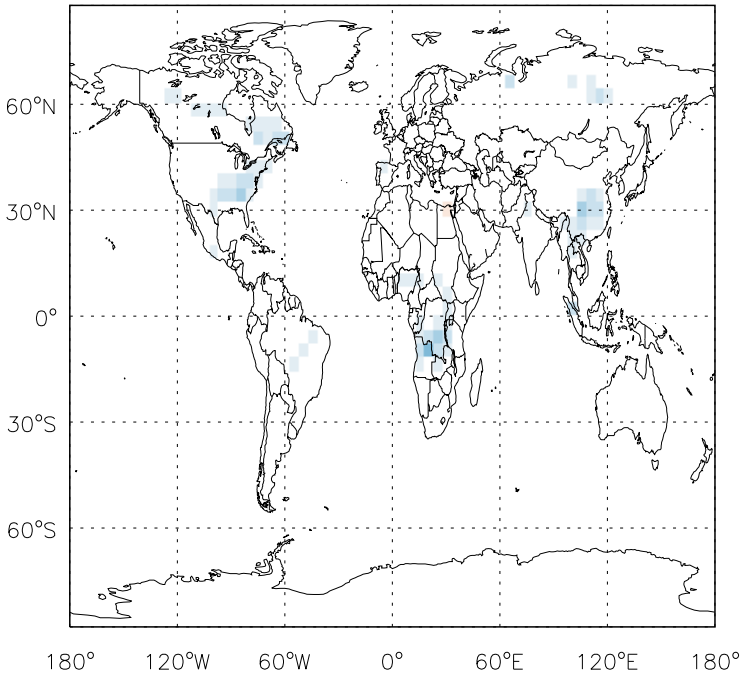
v11-01g-Run0 - v11-01f-geosfp-Run0

PAN - Diff @ 500 hPa for Jul



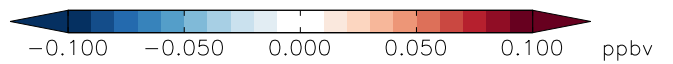
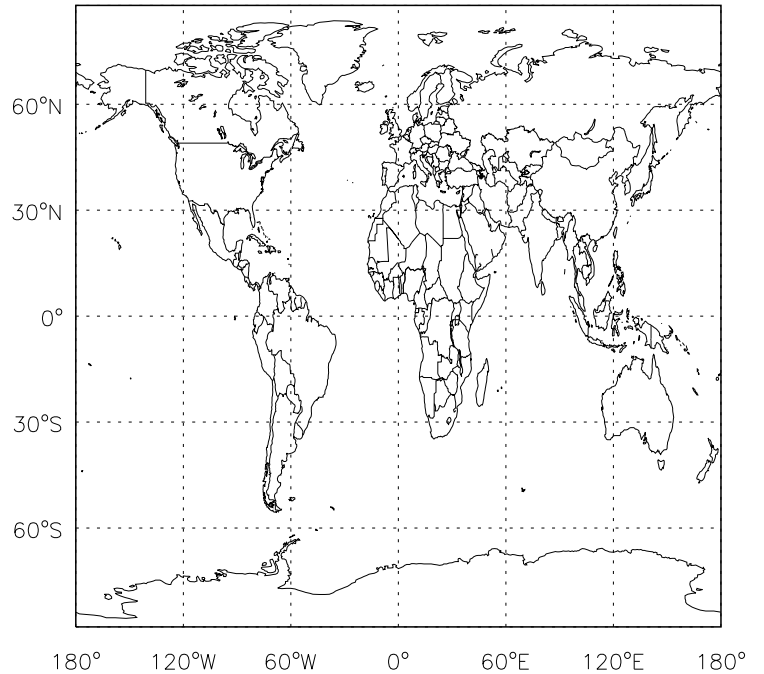
v11-01g-Run0 - v11-01d-Run1

PAN - Diff @ Surface for Jul



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

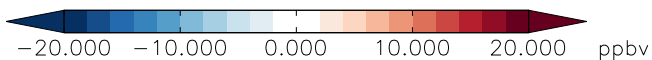
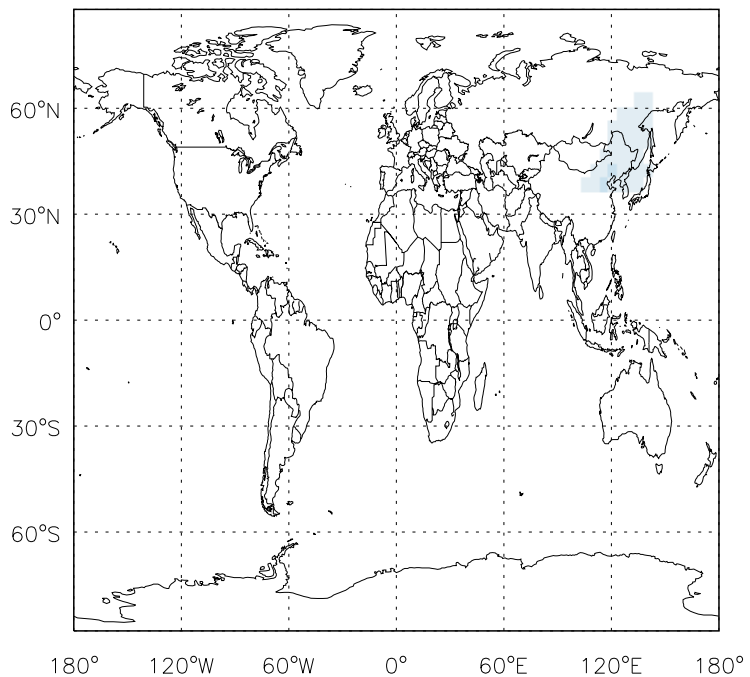
PAN - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

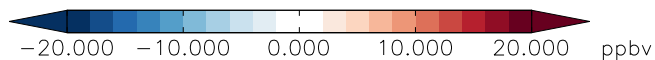
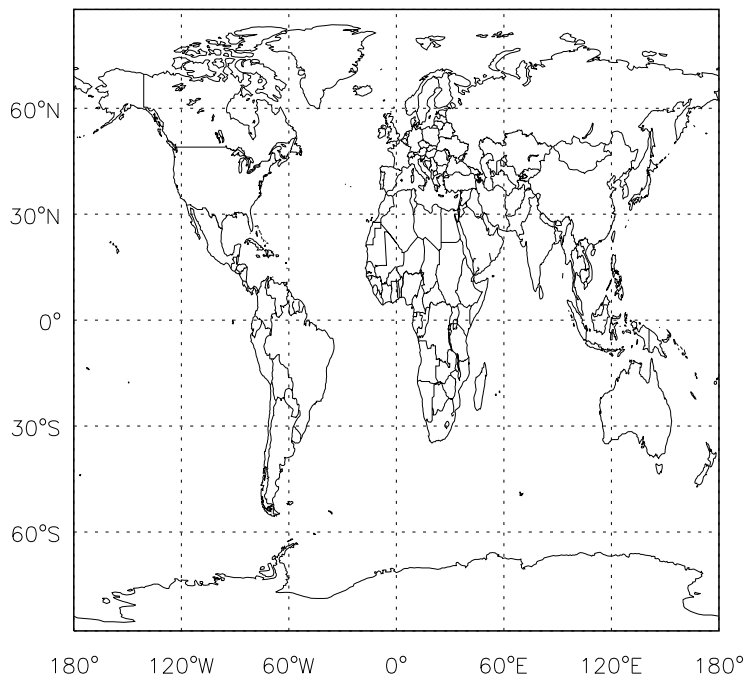
v11-01g-Run0 - v11-01f-geosfp-Run0

CO - Diff @ Surface for Jul



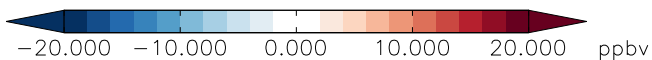
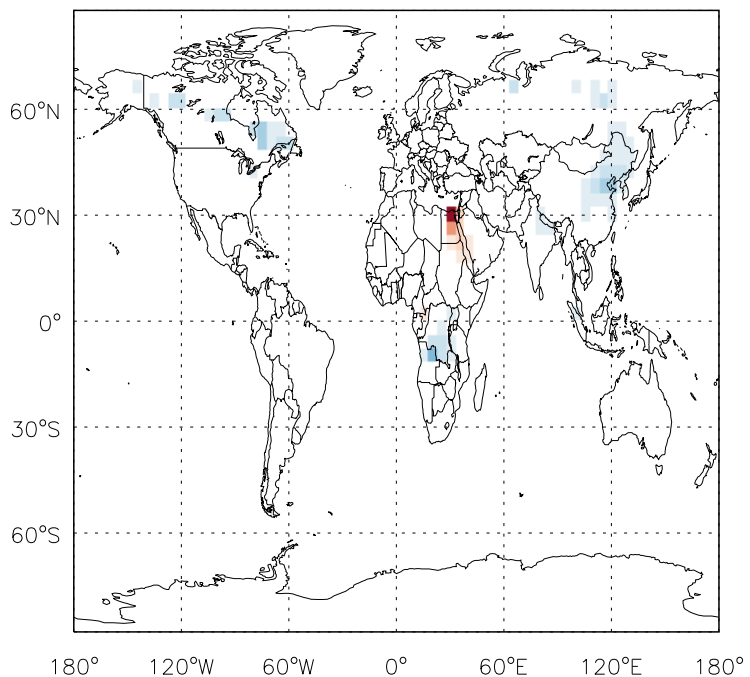
v11-01g-Run0 - v11-01f-geosfp-Run0

CO - Diff @ 500 hPa for Jul



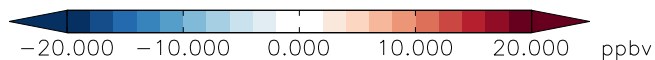
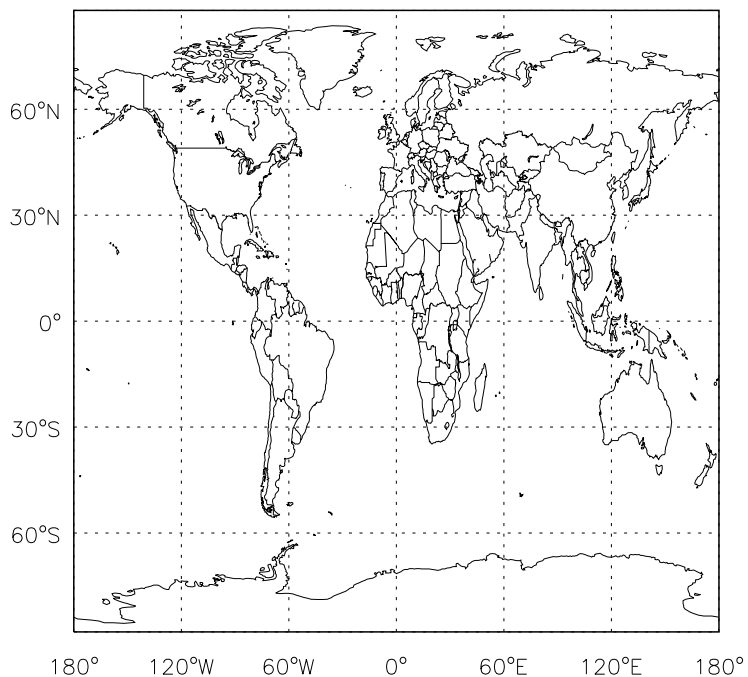
v11-01g-Run0 - v11-01d-Run1

CO - Diff @ Surface for Jul



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

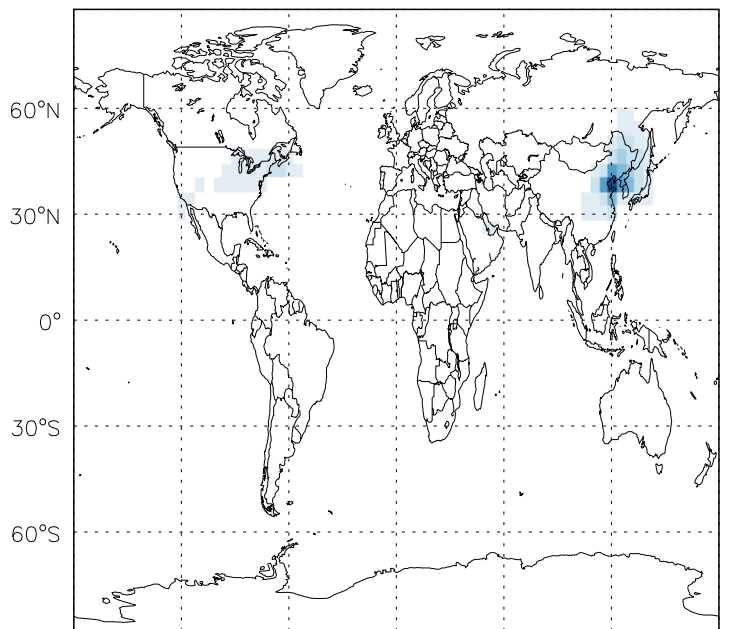
CO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

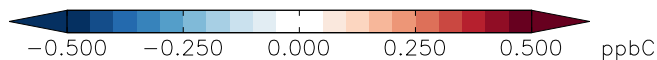
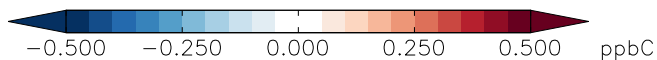
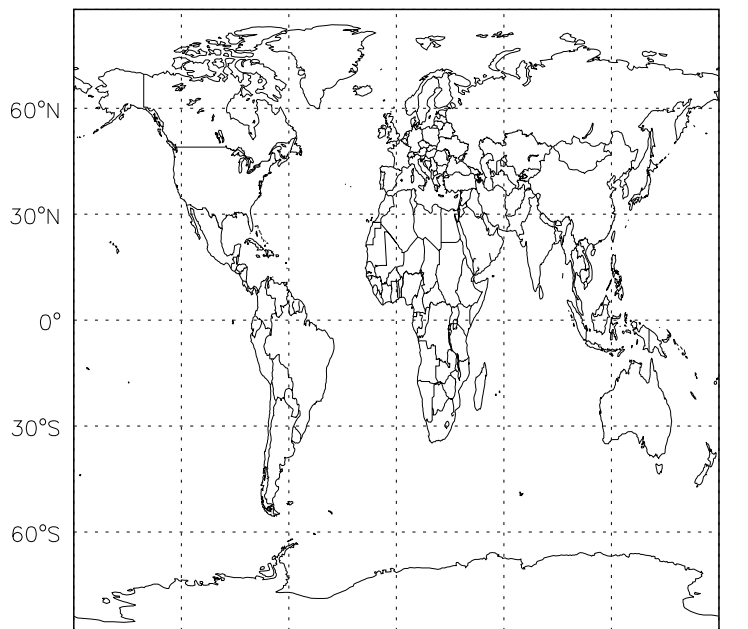
v11-01g-Run0 - v11-01f-geosfp-Run0

ALK4 - Diff @ Surface for Jul



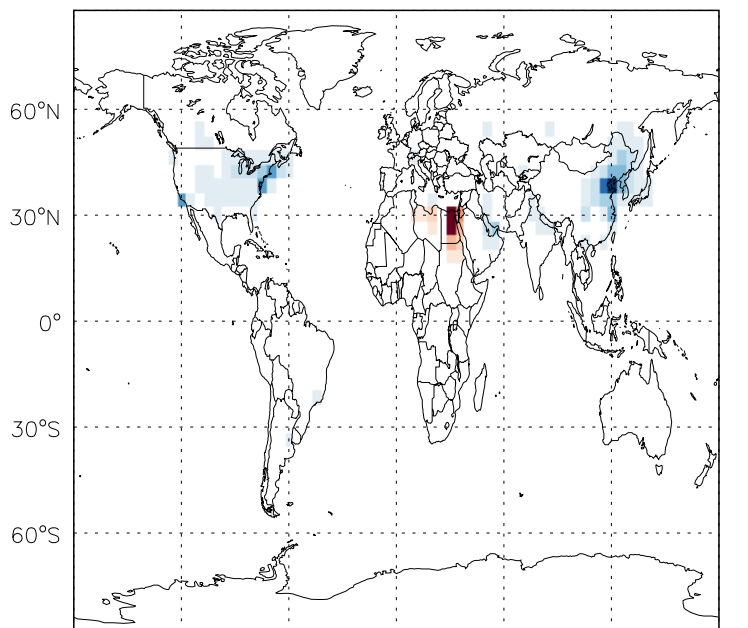
v11-01g-Run0 - v11-01f-geosfp-Run0

ALK4- Diff @ 500 hPa for Jul



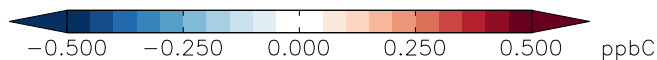
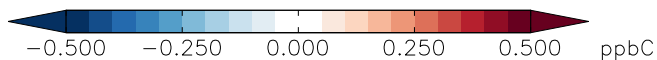
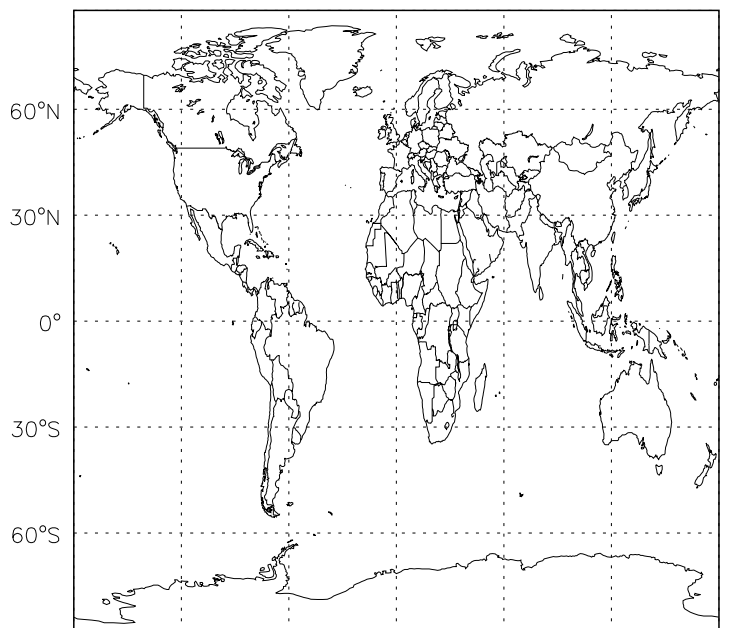
v11-01g-Run0 - v11-01d-Run1

ALK4 - Diff @ Surface for Jul



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

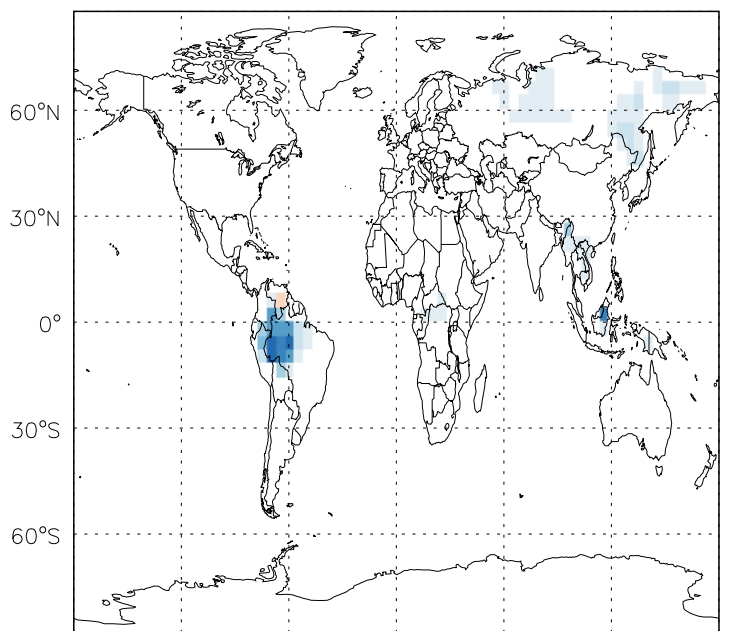
ALK4- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

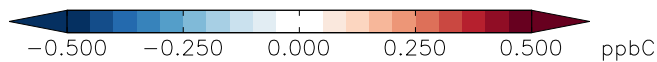
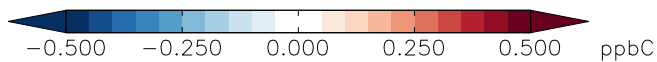
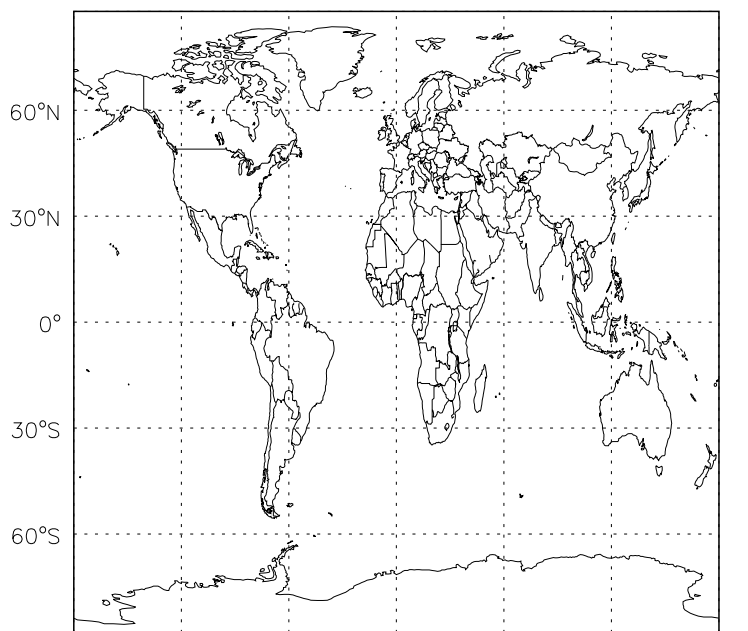
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOP - Diff @ Surface for Jul



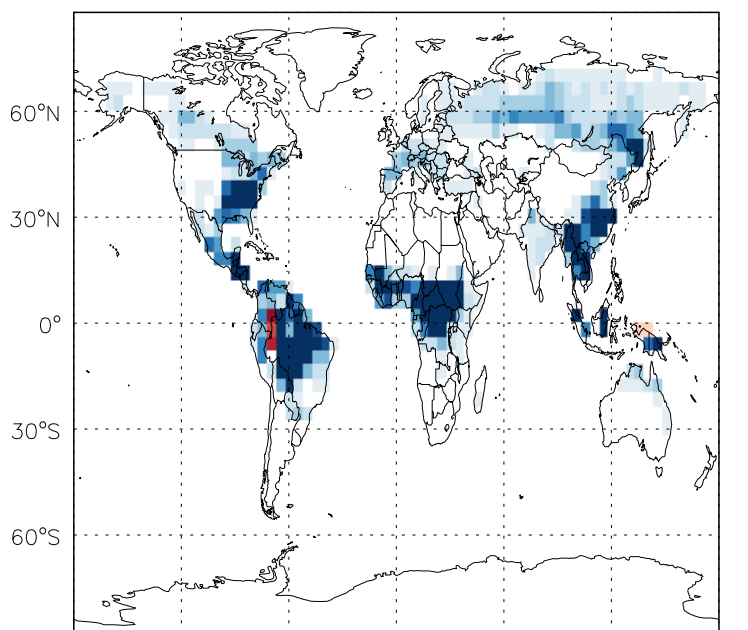
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOP- Diff @ 500 hPa for Jul



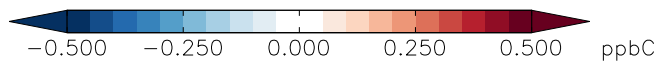
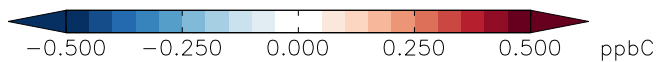
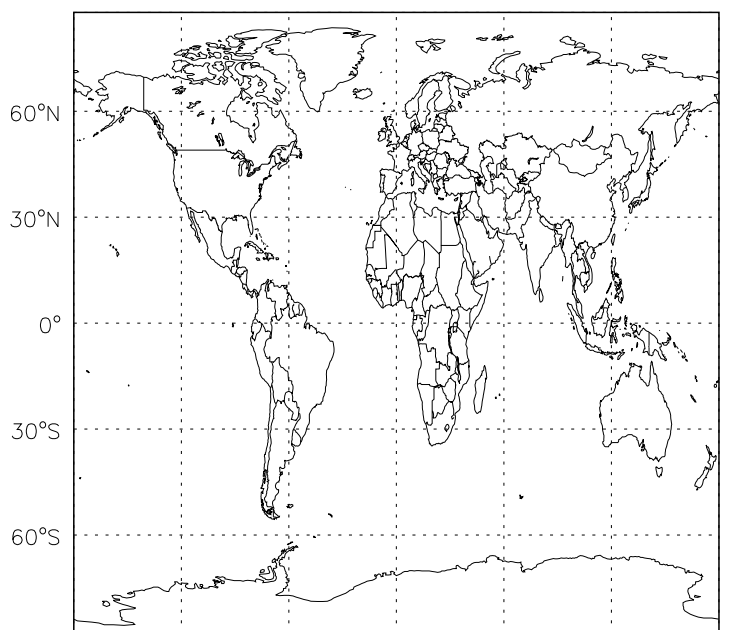
v11-01g-Run0 - v11-01d-Run1

ISOP - Diff @ Surface for Jul



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

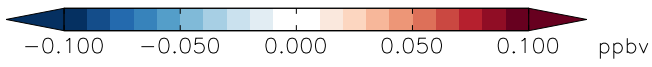
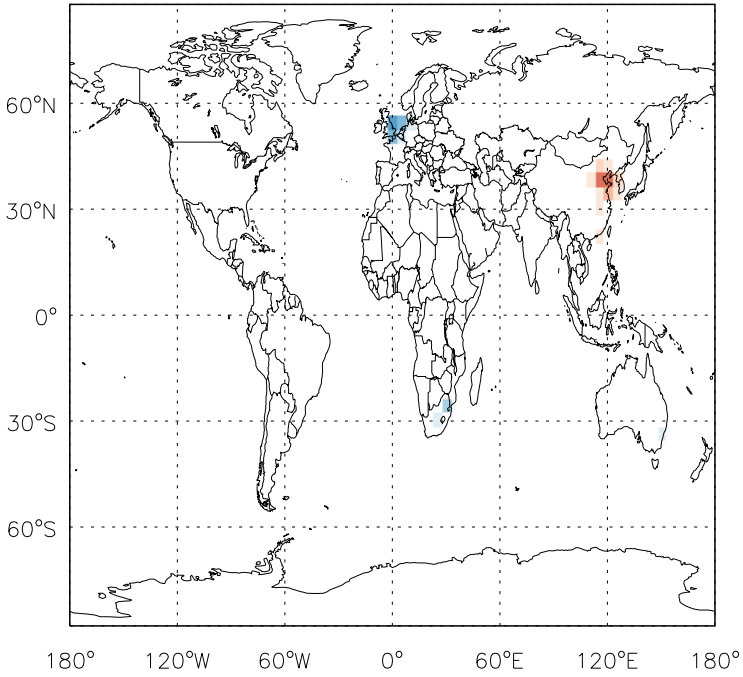
ISOP- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

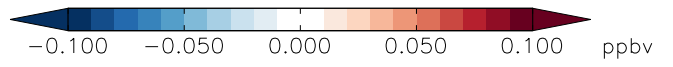
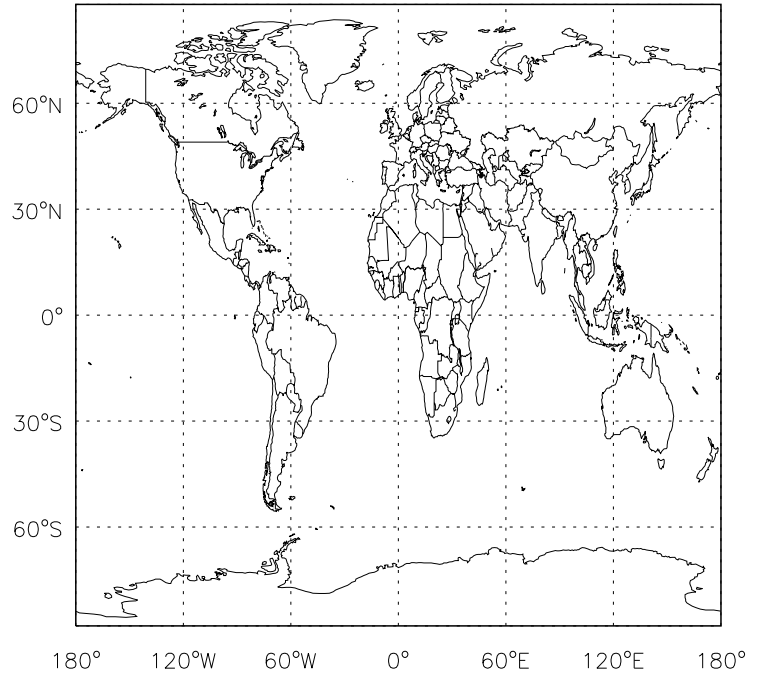
v11-01g-Run0 - v11-01f-geosfp-Run0

HN03 - Diff @ Surface for Jul



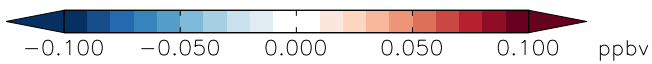
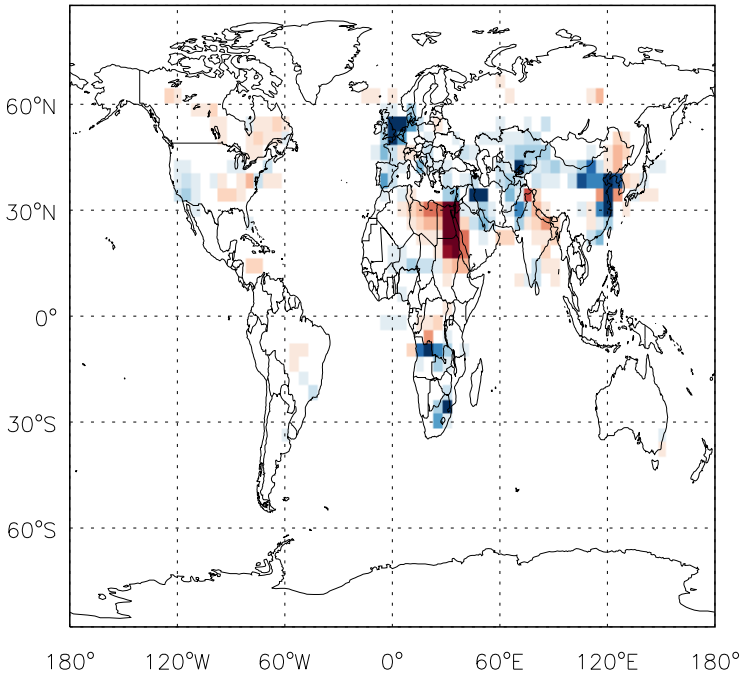
v11-01g-Run0 - v11-01f-geosfp-Run0

HN03- Diff @ 500 hPa for Jul



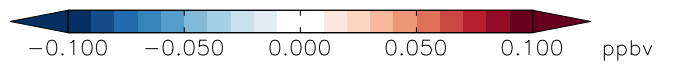
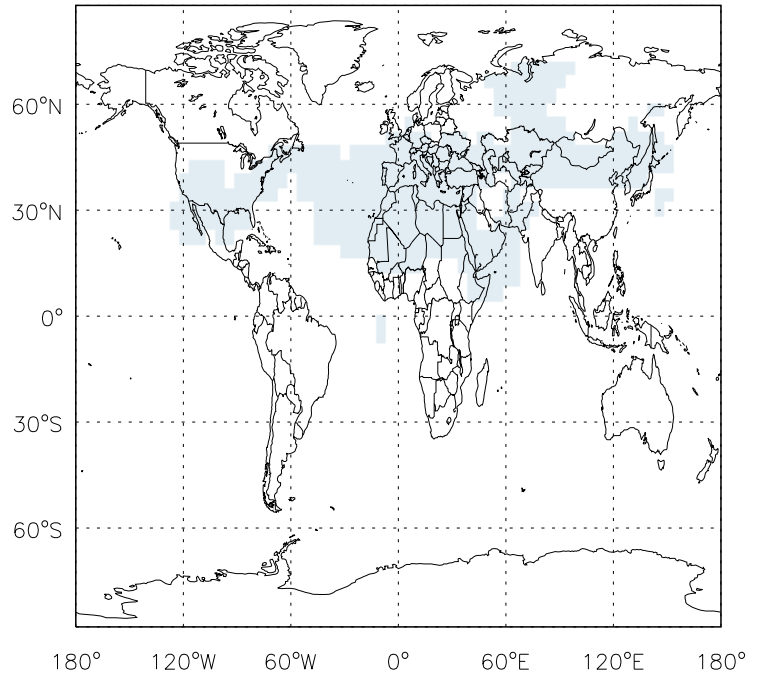
v11-01g-Run0 - v11-01d-Run1

HN03 - Diff @ Surface for Jul



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

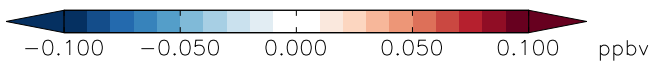
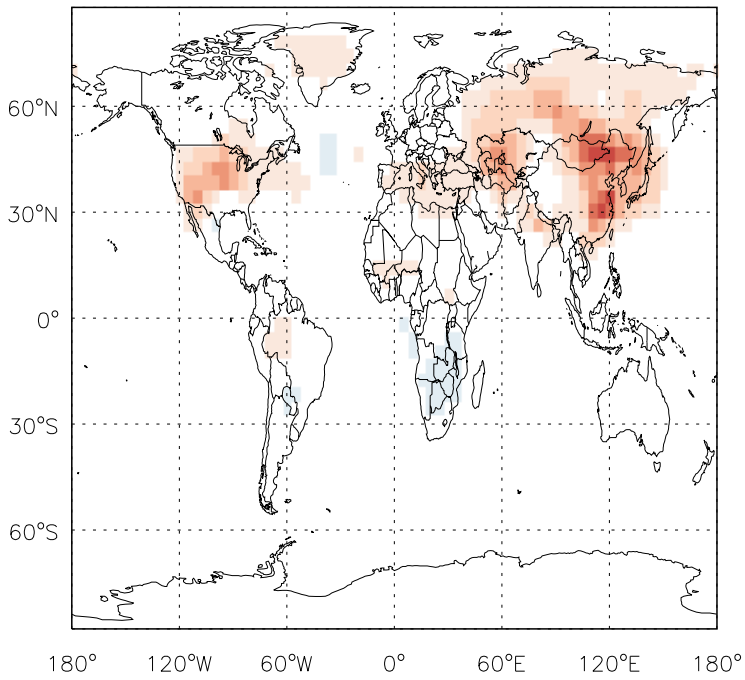
HN03- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

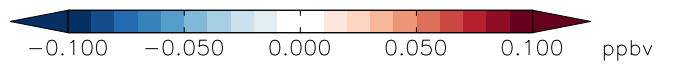
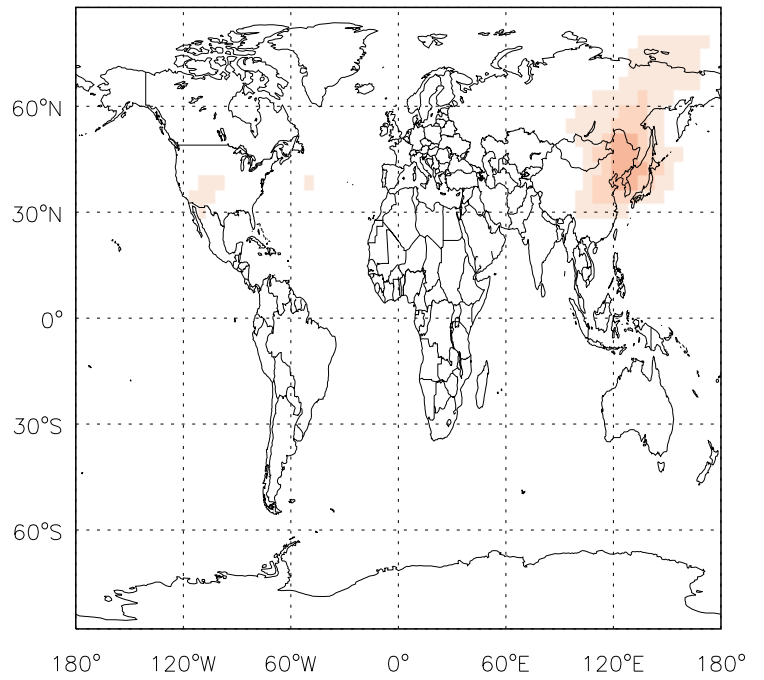
v11-01g-Run0 - v11-01f-geosfp-Run0

H2O2 - Diff @ Surface for Jul



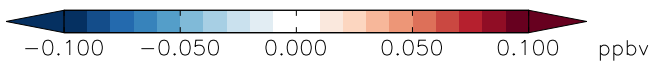
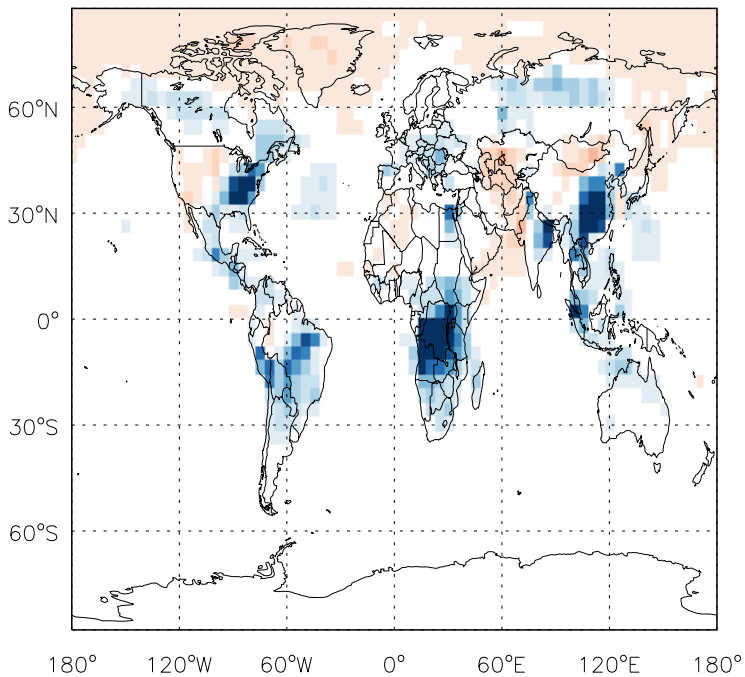
v11-01g-Run0 - v11-01f-geosfp-Run0

H2O2 - Diff @ 500 hPa for Jul



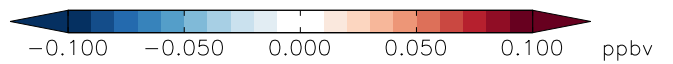
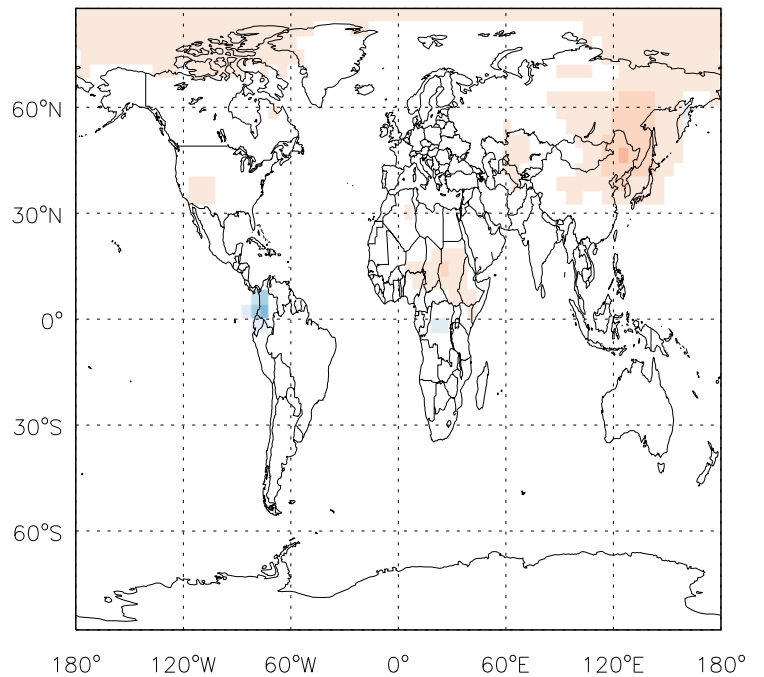
v11-01g-Run0 - v11-01d-Run1

H2O2 - Diff @ Surface for Jul



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

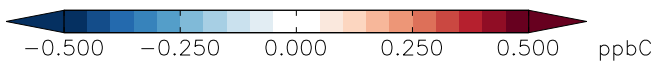
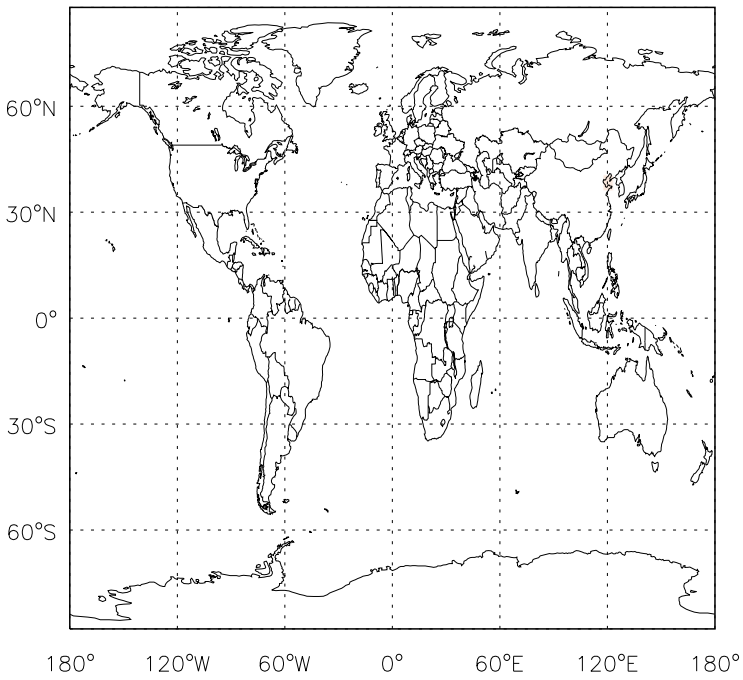
H2O2 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

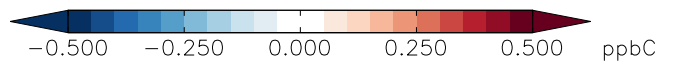
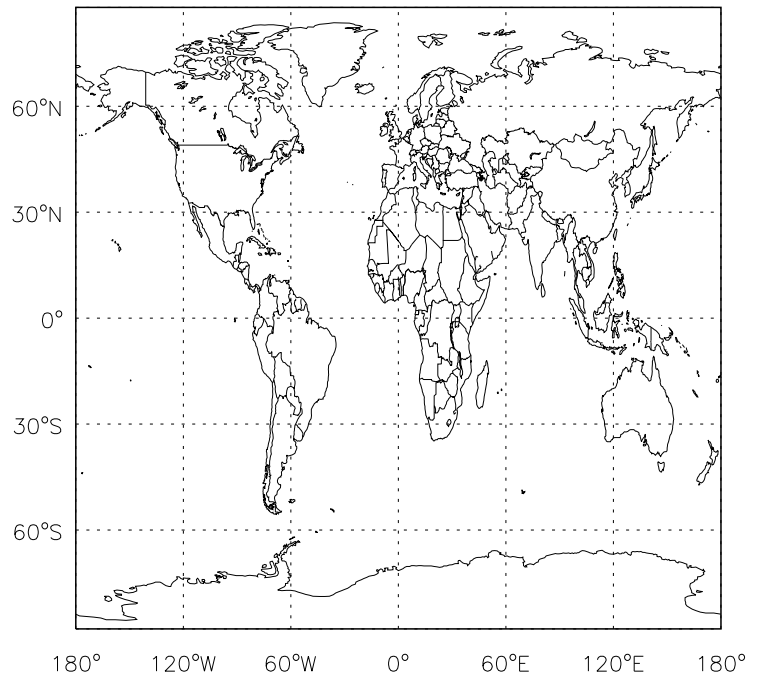
v11-01g-Run0 - v11-01f-geosfp-Run0

ACET - Diff @ Surface for Jul



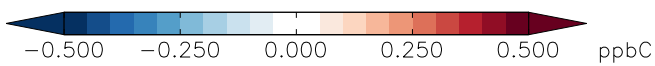
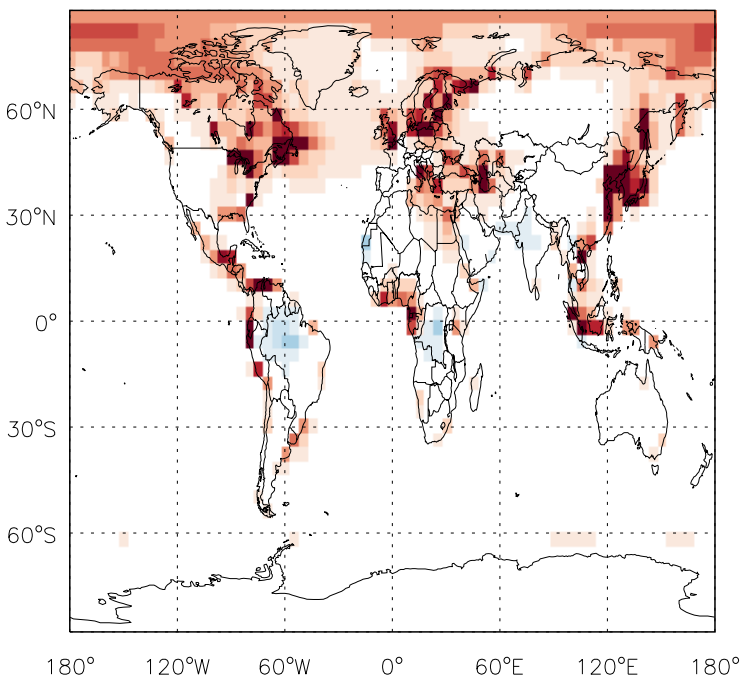
v11-01g-Run0 - v11-01f-geosfp-Run0

ACET- Diff @ 500 hPa for Jul



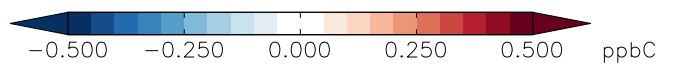
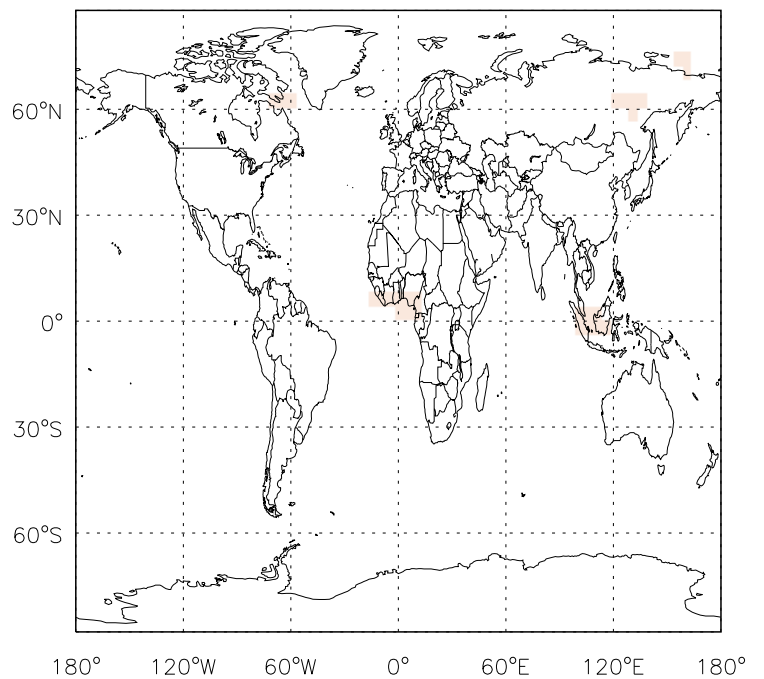
v11-01g-Run0 - v11-01d-Run1

ACET - Diff @ Surface for Jul



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

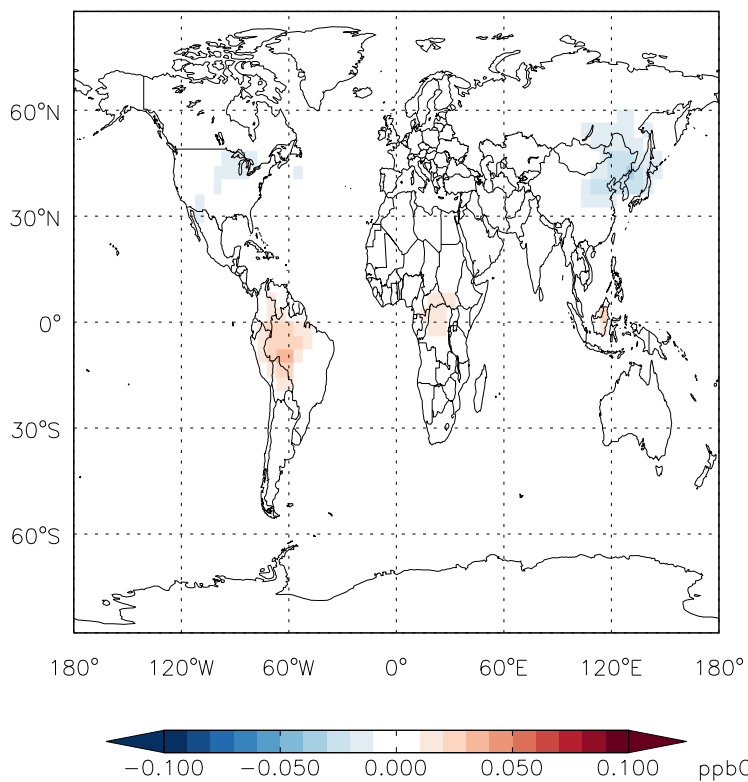
ACET- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

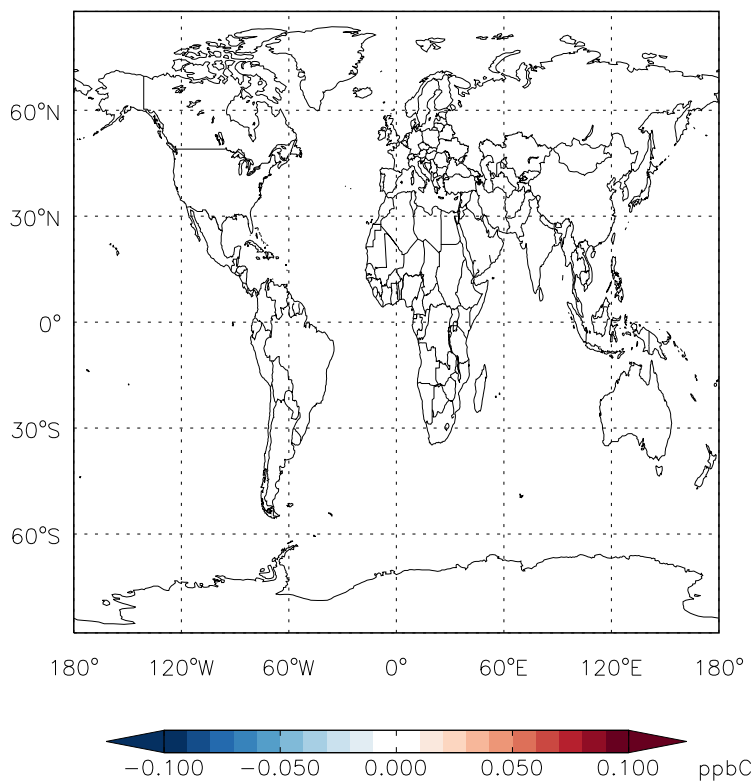
v11-01g-Run0 - v11-01f-geosfp-Run0

MEK - Diff @ Surface for Jul



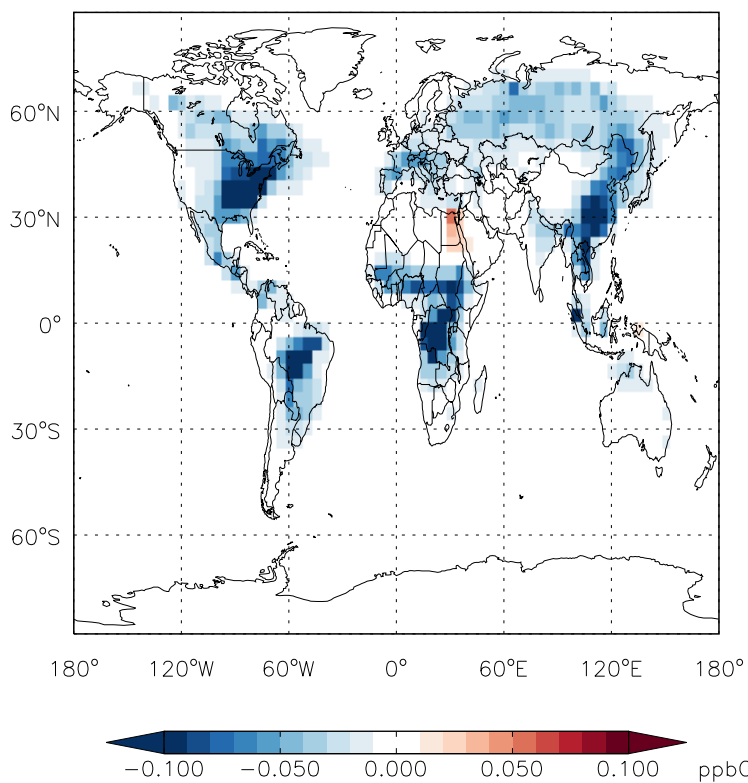
v11-01g-Run0 - v11-01f-geosfp-Run0

MEK - Diff @ 500 hPa for Jul



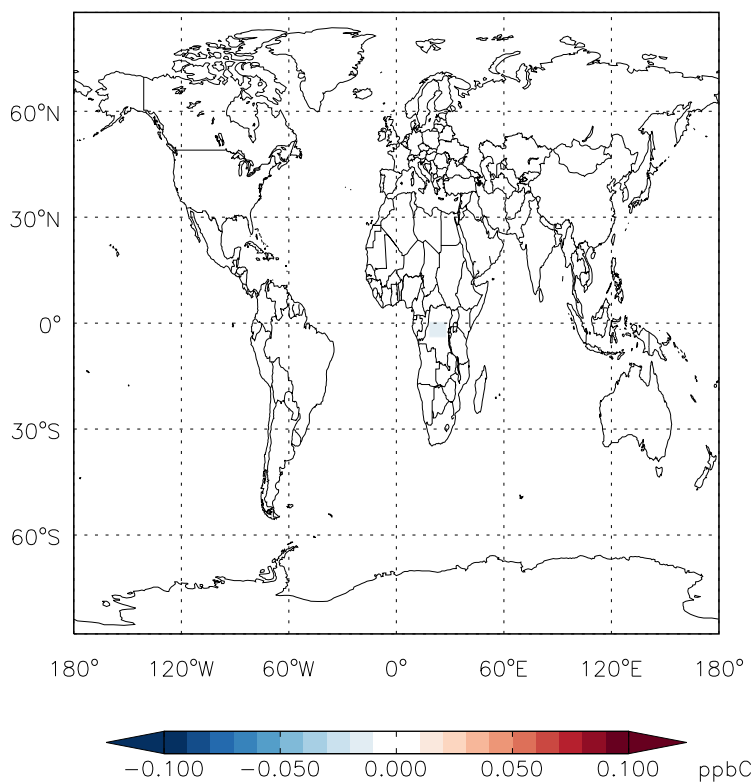
v11-01g-Run0 - v11-01d-Run1

MEK - Diff @ Surface for Jul



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

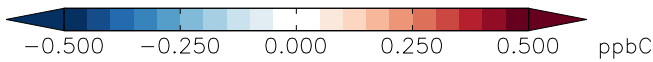
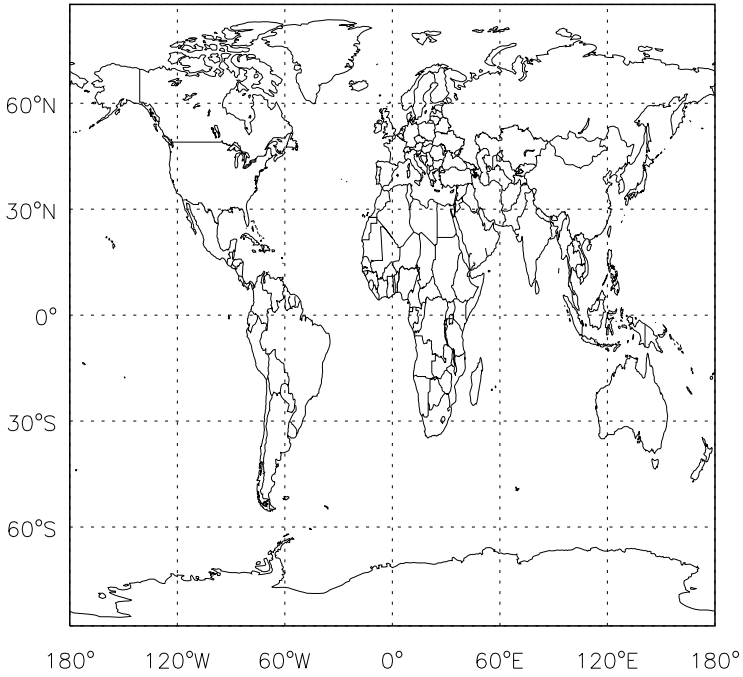
MEK - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

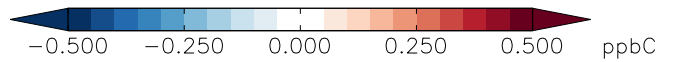
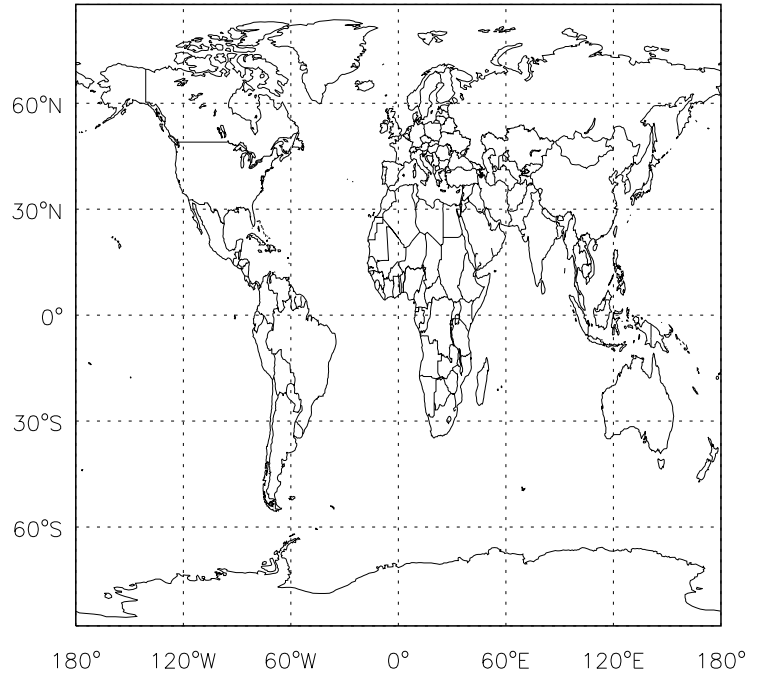
v11-01g-Run0 - v11-01f-geosfp-Run0

ALD2 - Diff @ Surface for Jul



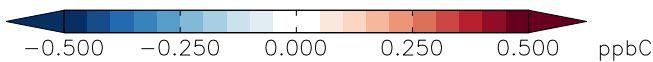
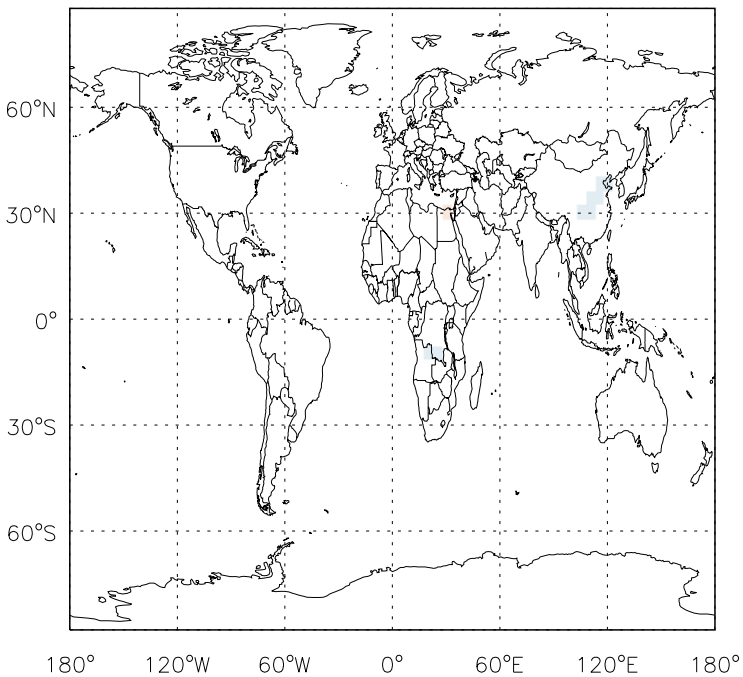
v11-01g-Run0 - v11-01f-geosfp-Run0

ALD2- Diff @ 500 hPa for Jul



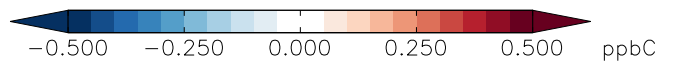
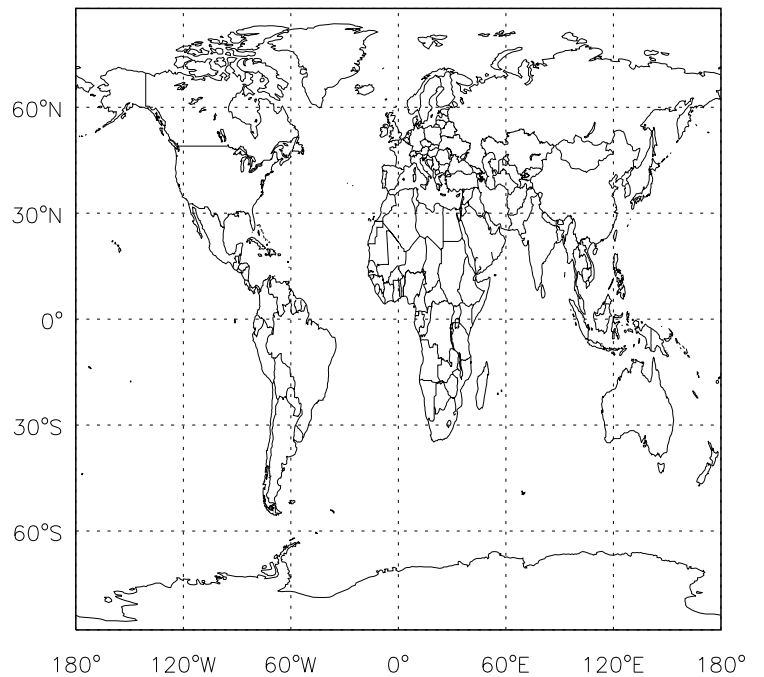
v11-01g-Run0 - v11-01d-Run1

ALD2 - Diff @ Surface for Jul



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

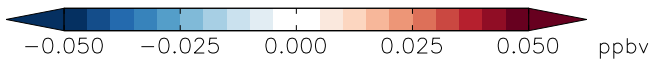
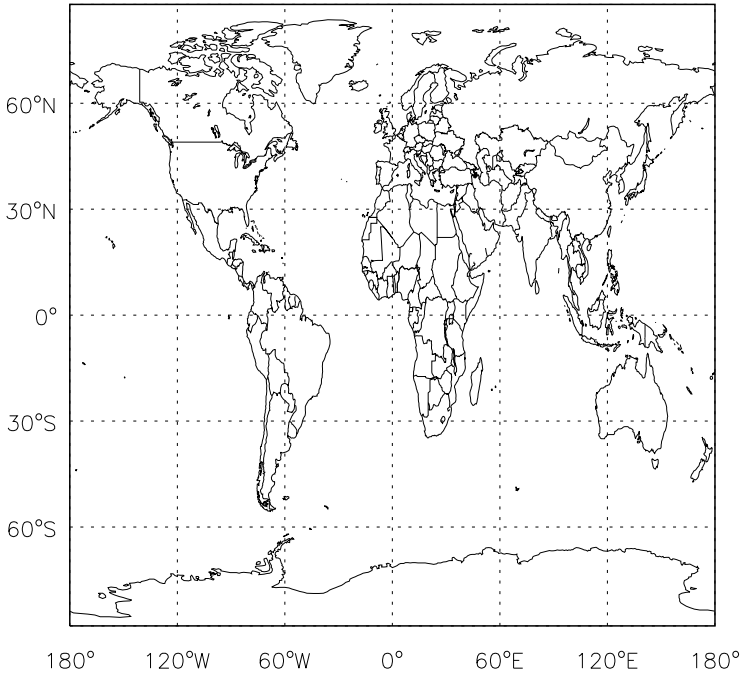
ALD2- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

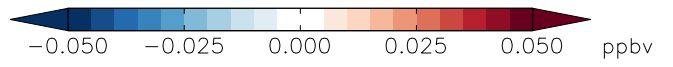
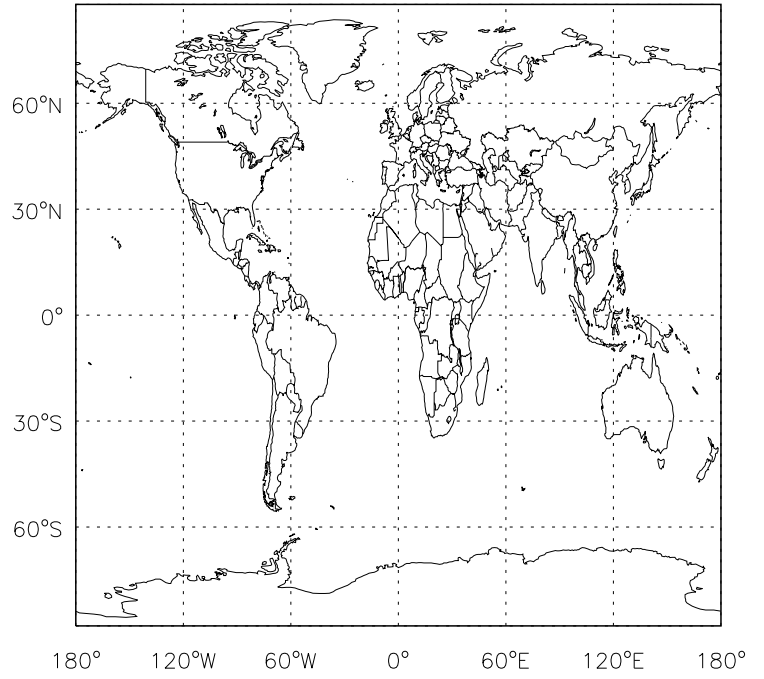
v11-01g-Run0 - v11-01f-geosfp-Run0

RCHO - Diff @ Surface for Jul



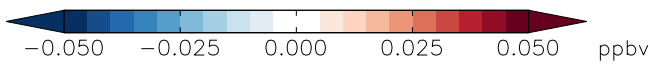
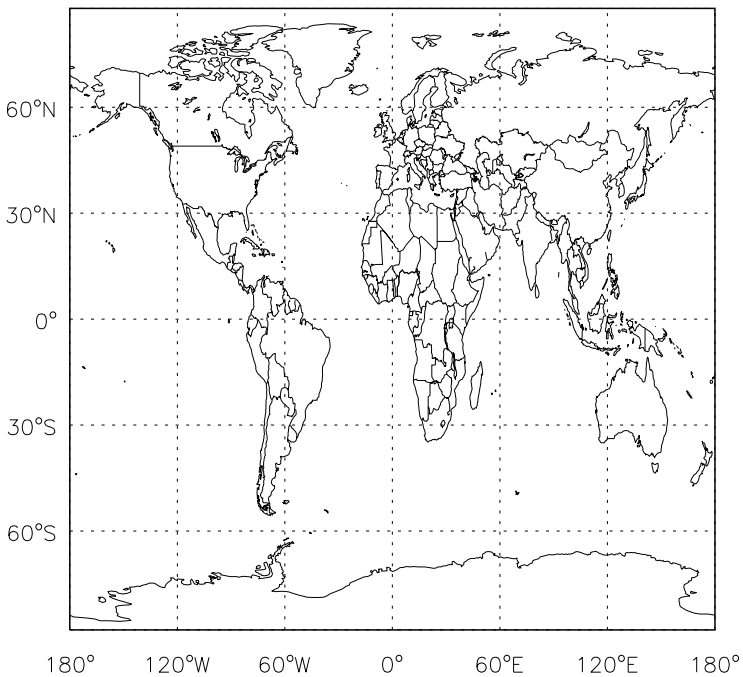
v11-01g-Run0 - v11-01f-geosfp-Run0

RCHO - Diff @ 500 hPa for Jul



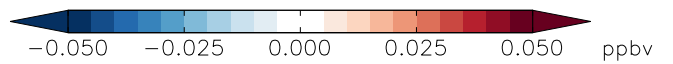
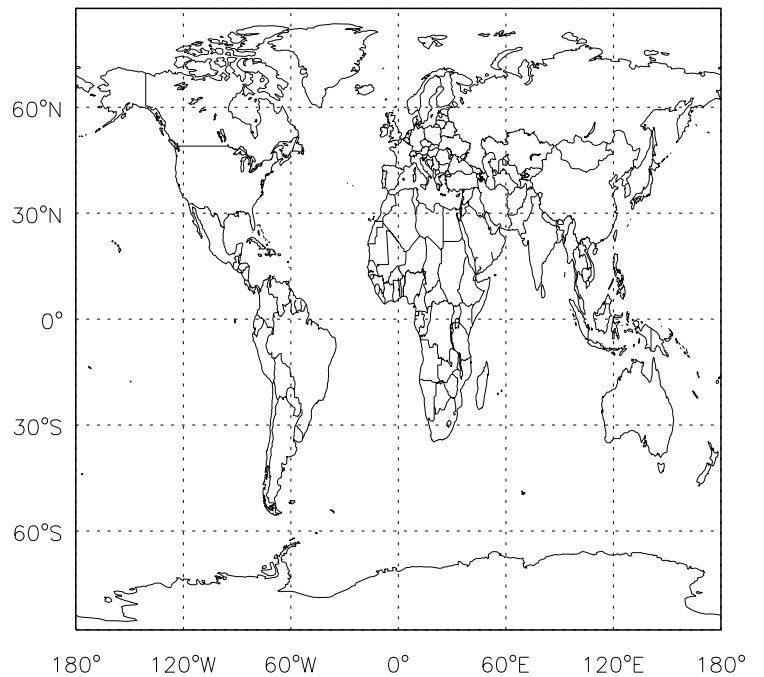
v11-01g-Run0 - v11-01d-Run1

RCHO - Diff @ Surface for Jul



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

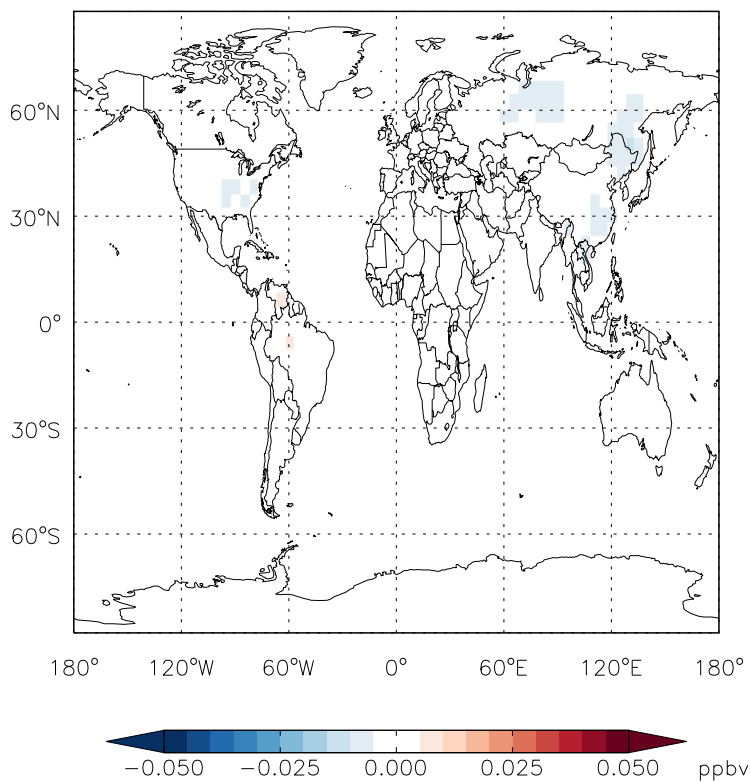
RCHO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

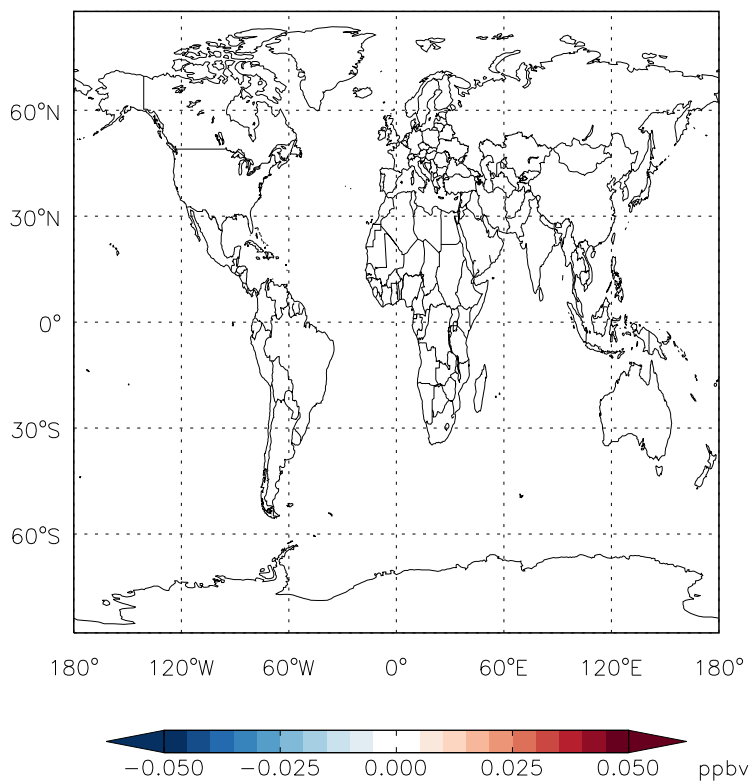
v11-01g-Run0 - v11-01f-geosfp-Run0

MVK - Diff @ Surface for Jul



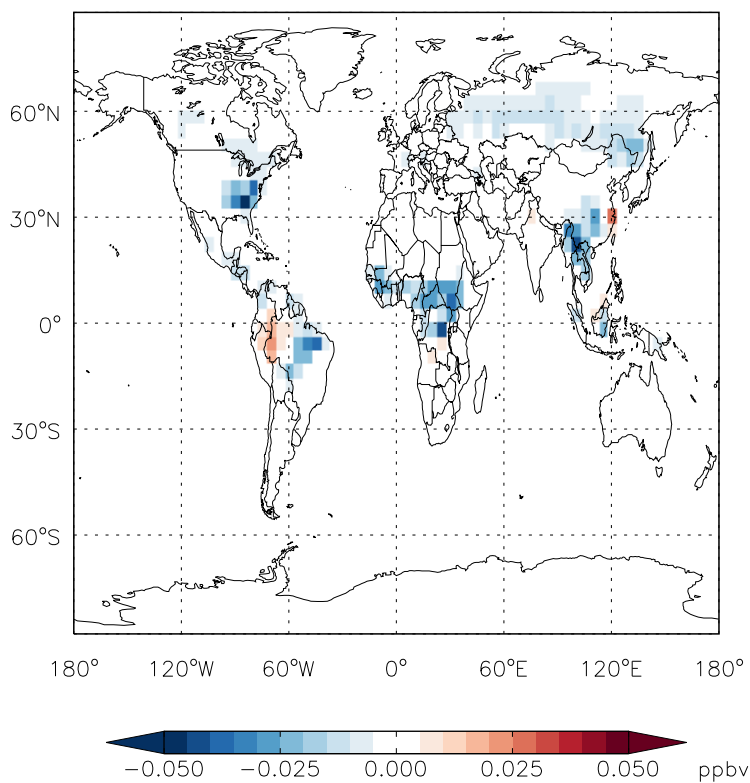
v11-01g-Run0 - v11-01f-geosfp-Run0

MVK - Diff @ 500 hPa for Jul



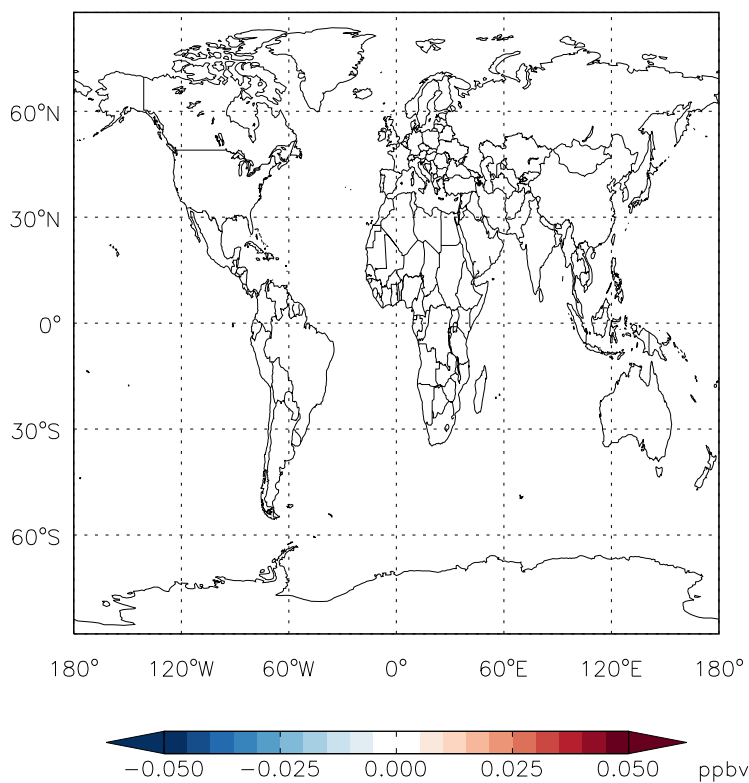
v11-01g-Run0 - v11-01d-Run1

MVK - Diff @ Surface for Jul



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

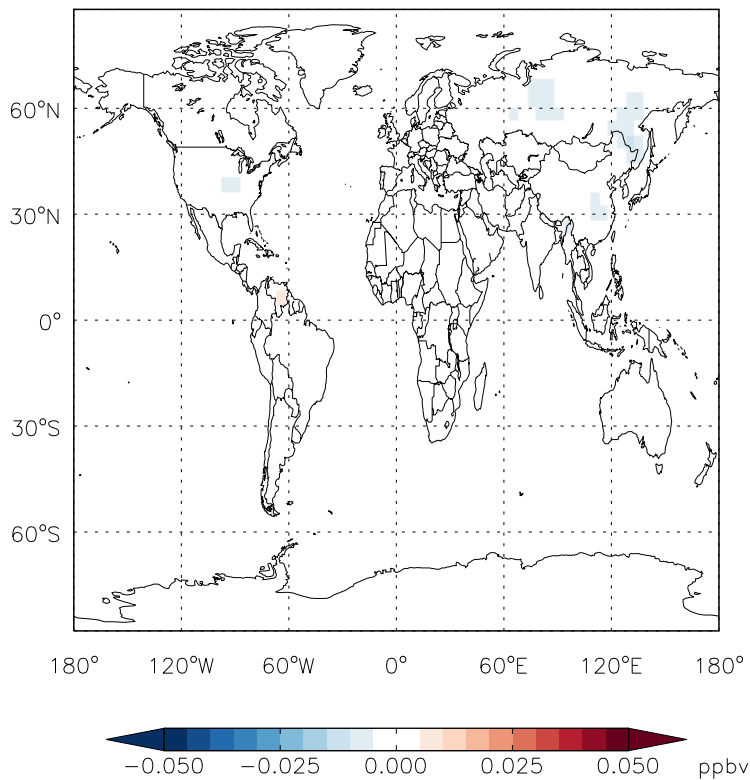
MVK - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

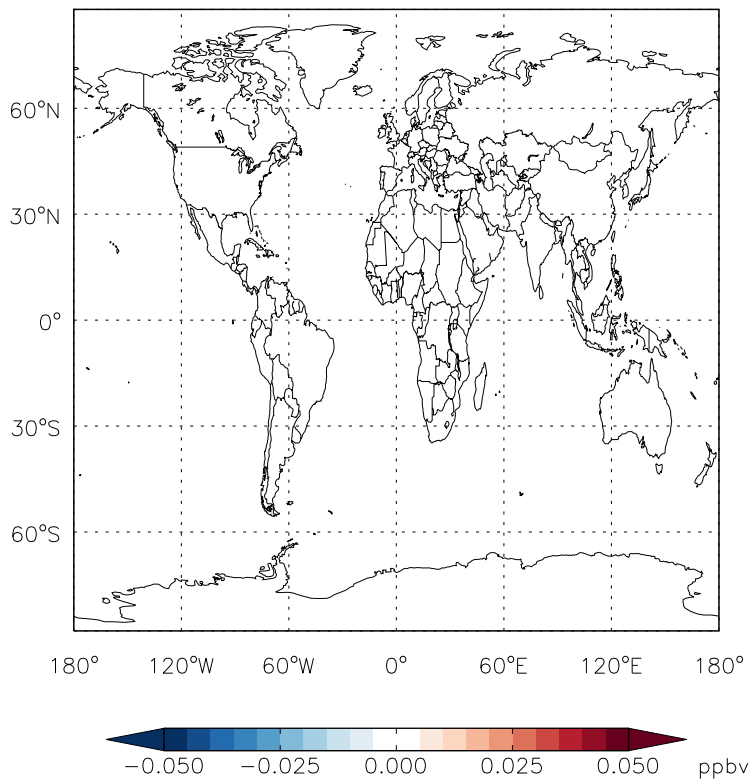
v11-01g-Run0 - v11-01f-geosfp-Run0

MACR - Diff @ Surface for Jul



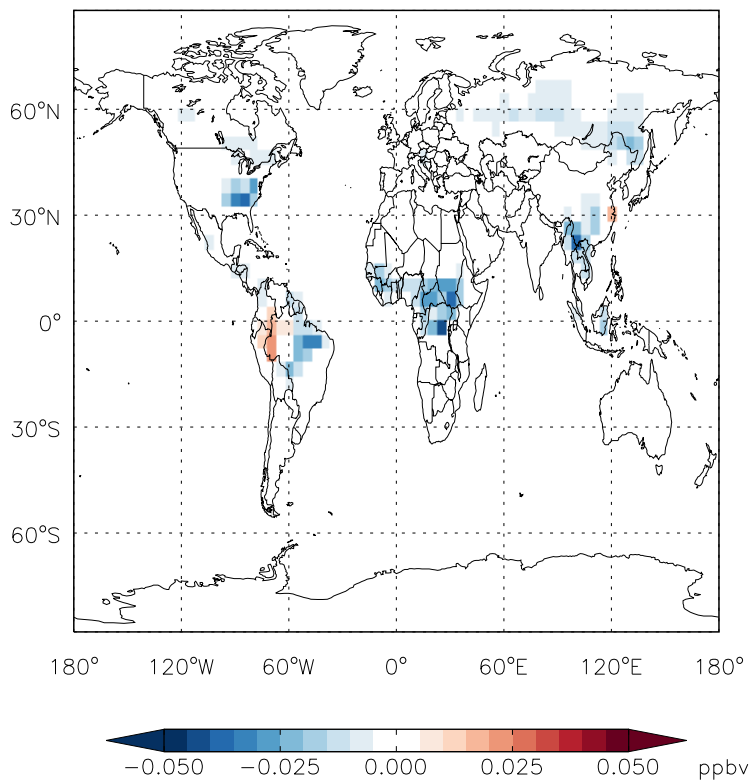
v11-01g-Run0 - v11-01f-geosfp-Run0

MACR - Diff @ 500 hPa for Jul



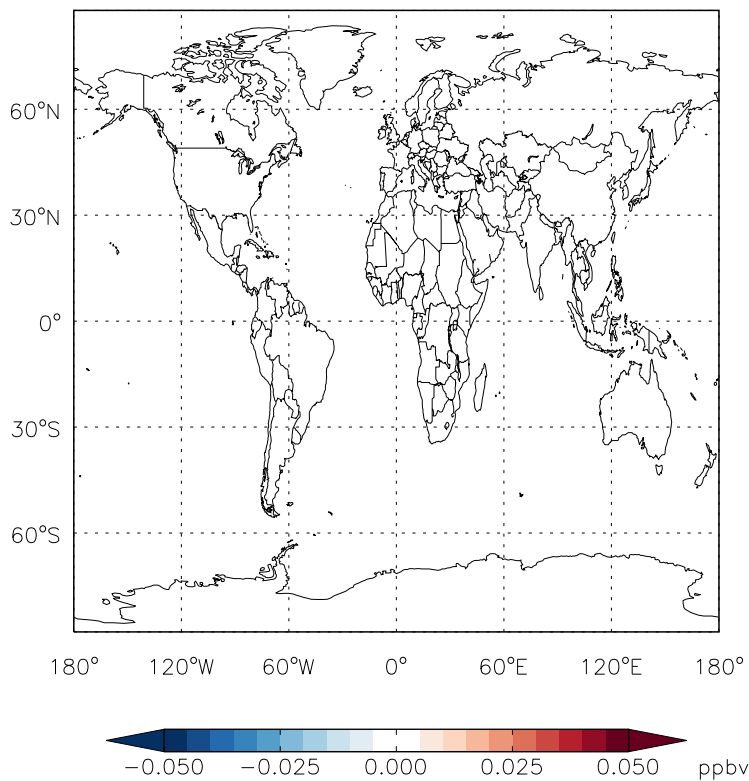
v11-01g-Run0 - v11-01d-Run1

MACR - Diff @ Surface for Jul



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

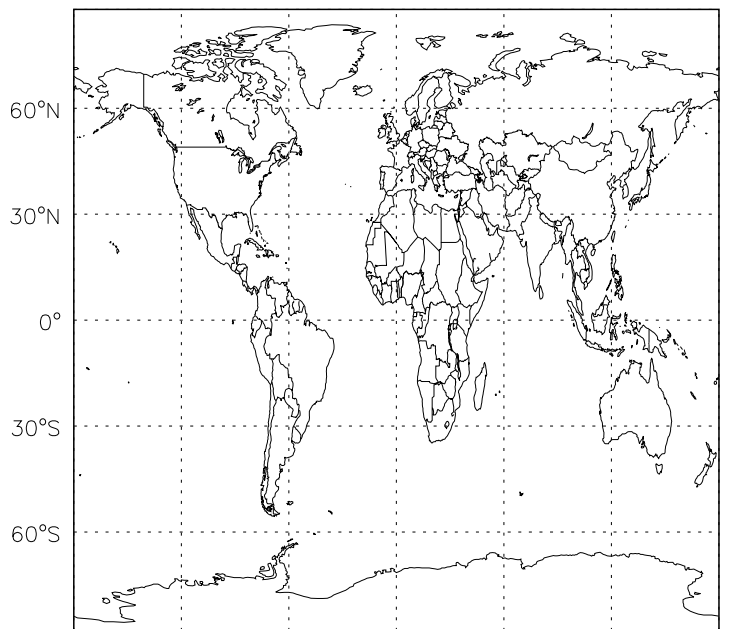
MACR - Diff @ 500 hPa for Jul



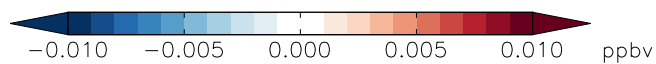
GEOS-Chem Difference Maps at surface and 500 hPa

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

PMN - Diff @ Surface for Jul

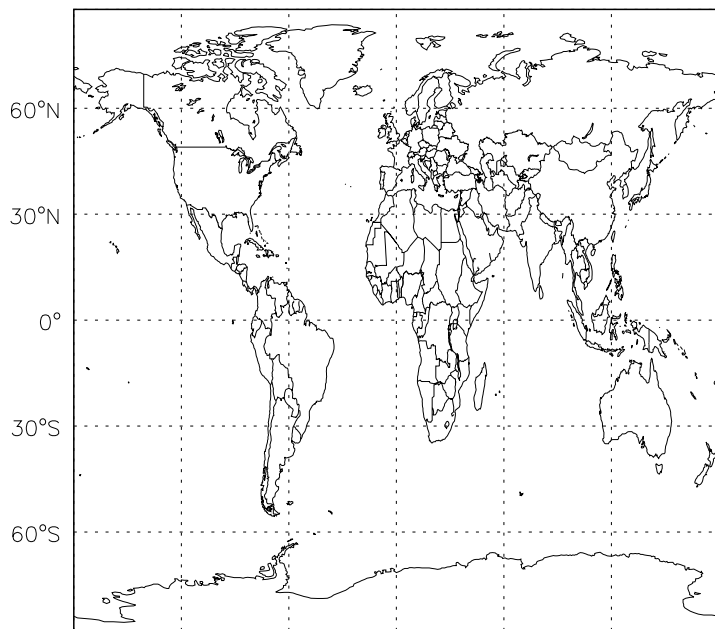


180° 120°W 60°W 0° 60°E 120°E 180°

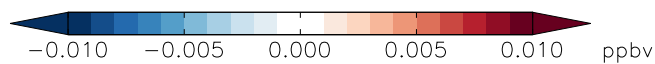


v11-01g-Run0 - v11-01f-geosfp-Run0

PMN- Diff @ 500 hPa for Jul

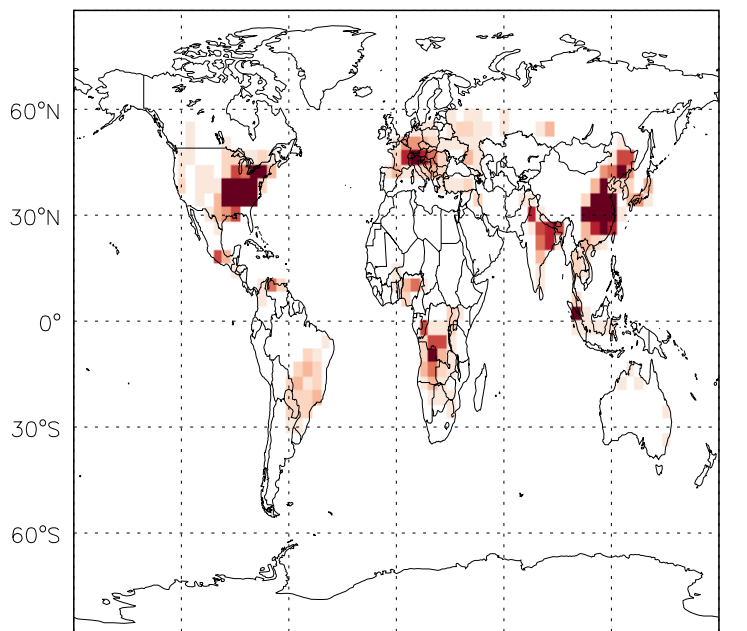


180° 120°W 60°W 0° 60°E 120°E 180°

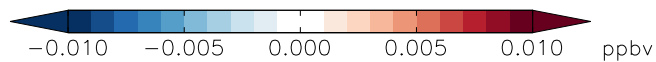


v11-01g-Run0 - v11-01d-Run1

PMN - Diff @ Surface for Jul

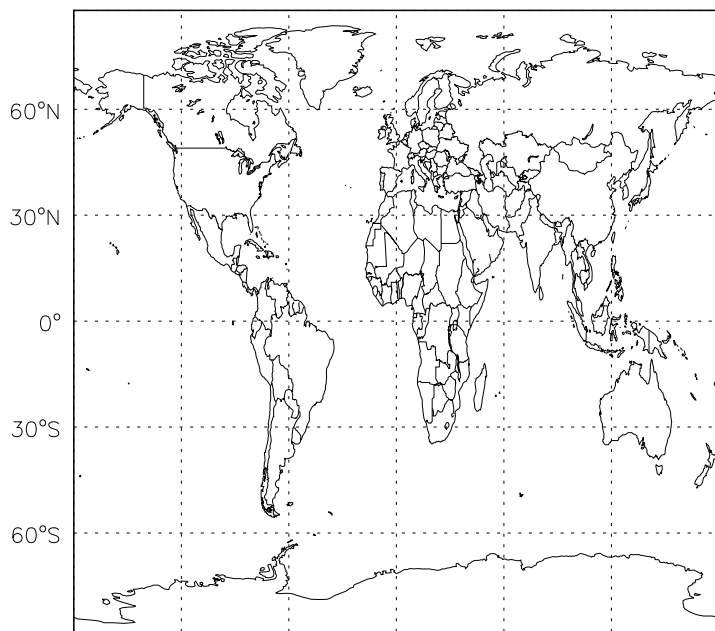


180° 120°W 60°W 0° 60°E 120°E 180°

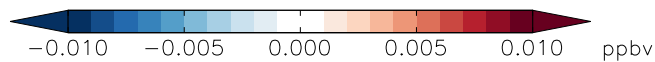


v11-01g-Run0 - v11-01d-Run1

PMN- Diff @ 500 hPa for Jul



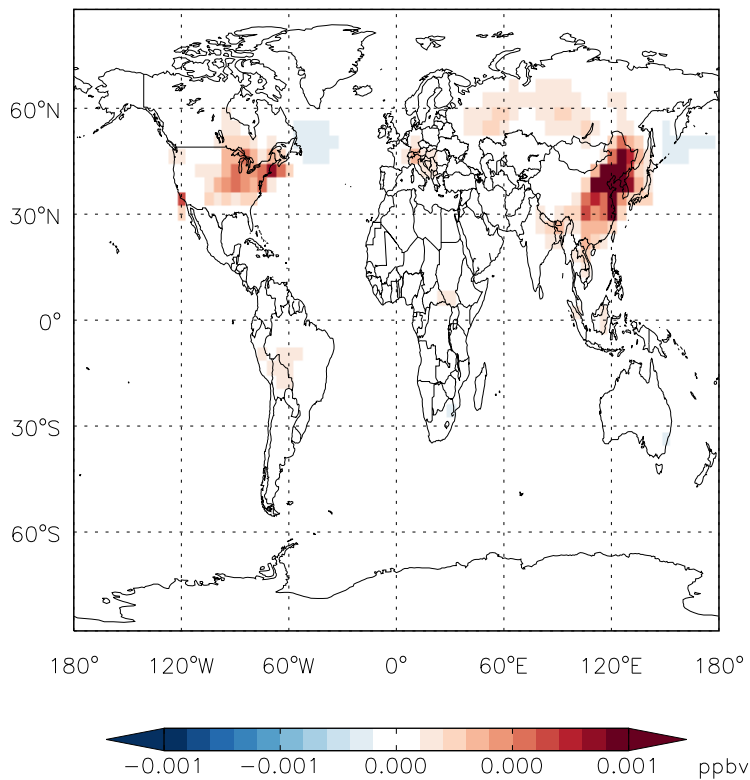
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

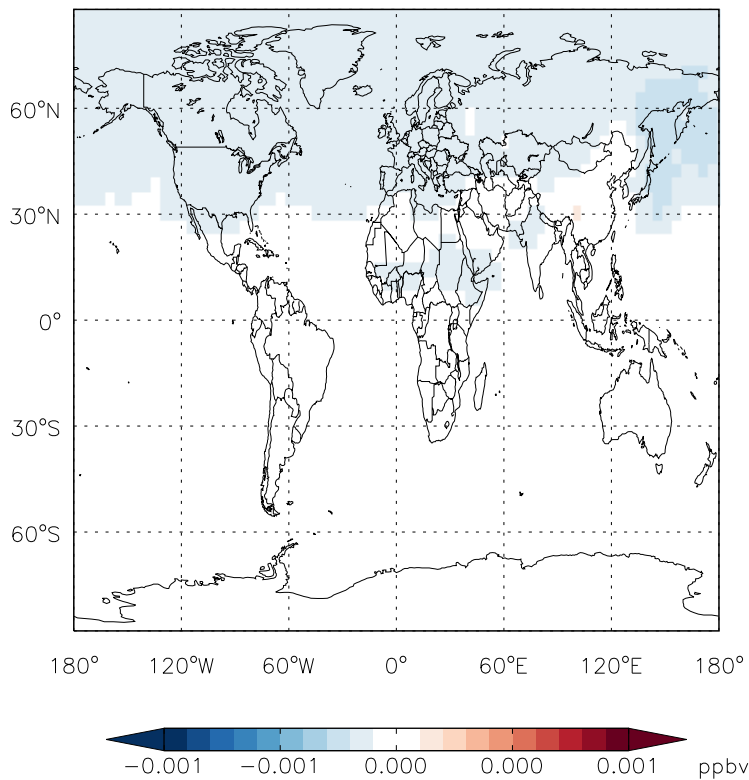
v11-01g-Run0 - v11-01f-geosfp-Run0

PPN - Diff @ Surface for Jul



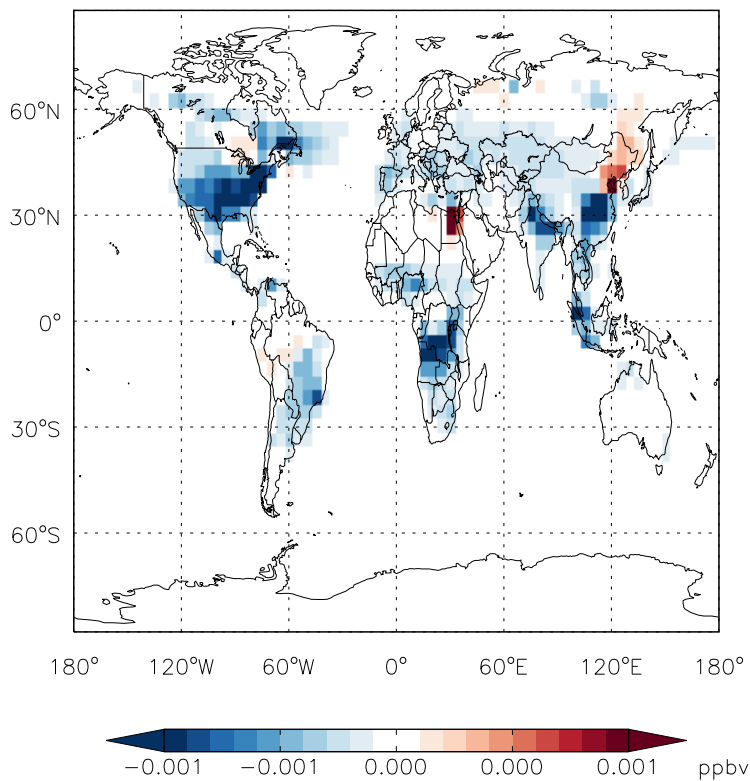
v11-01g-Run0 - v11-01f-geosfp-Run0

PPN - Diff @ 500 hPa for Jul



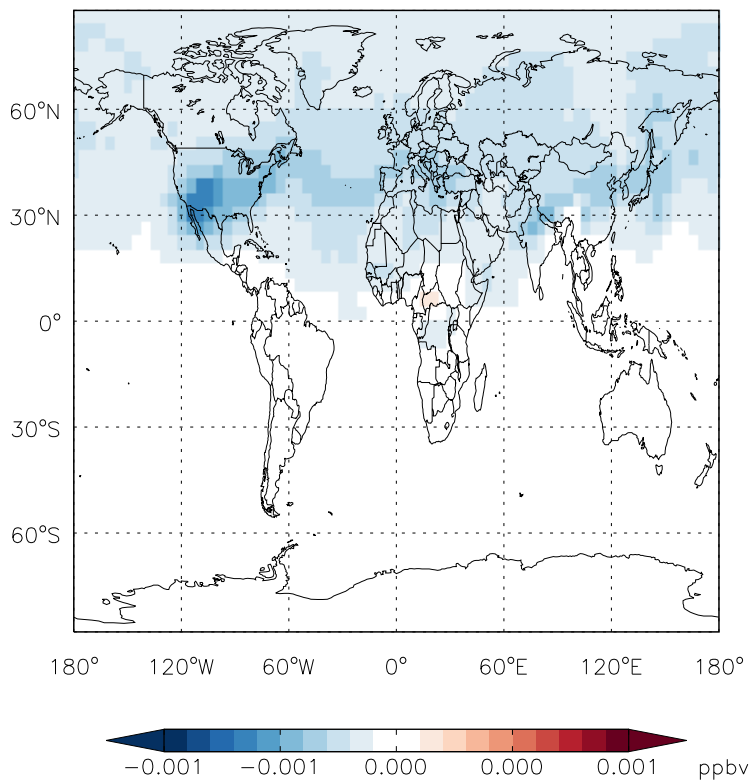
v11-01g-Run0 - v11-01d-Run1

PPN - Diff @ Surface for Jul



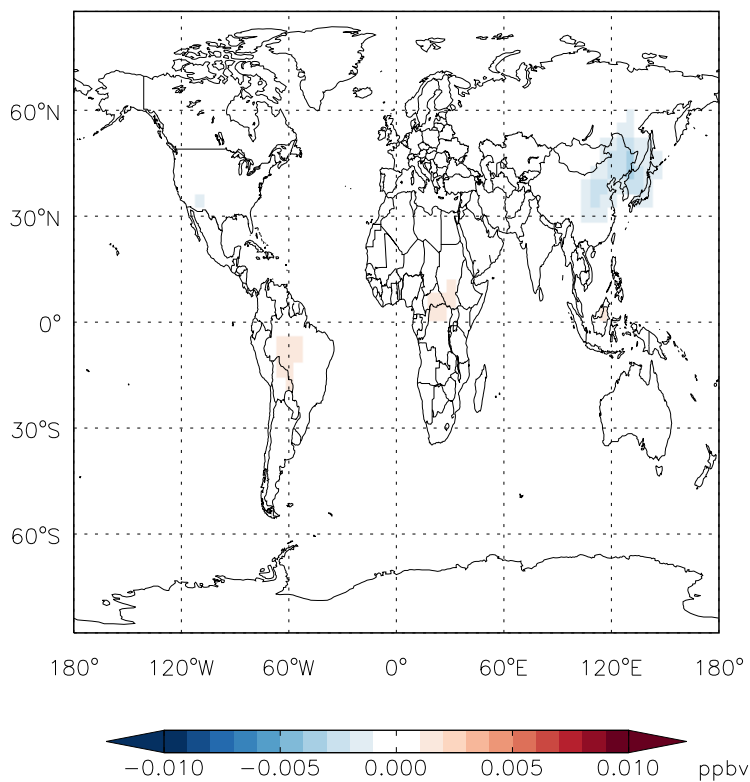
v11-01g-Run0 - v11-01d-Run1

PPN - Diff @ 500 hPa for Jul

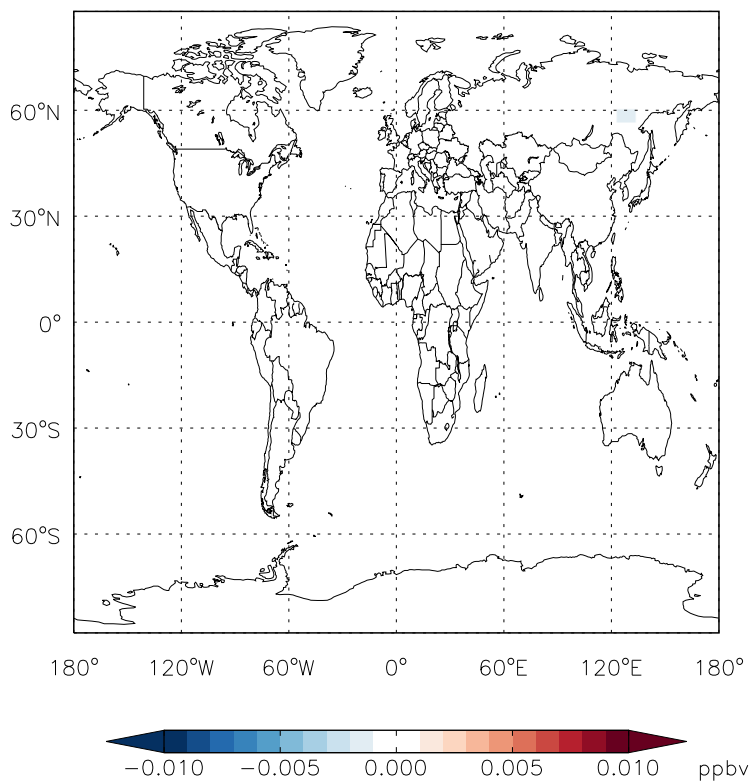


GEOS-Chem Difference Maps at surface and 500 hPa

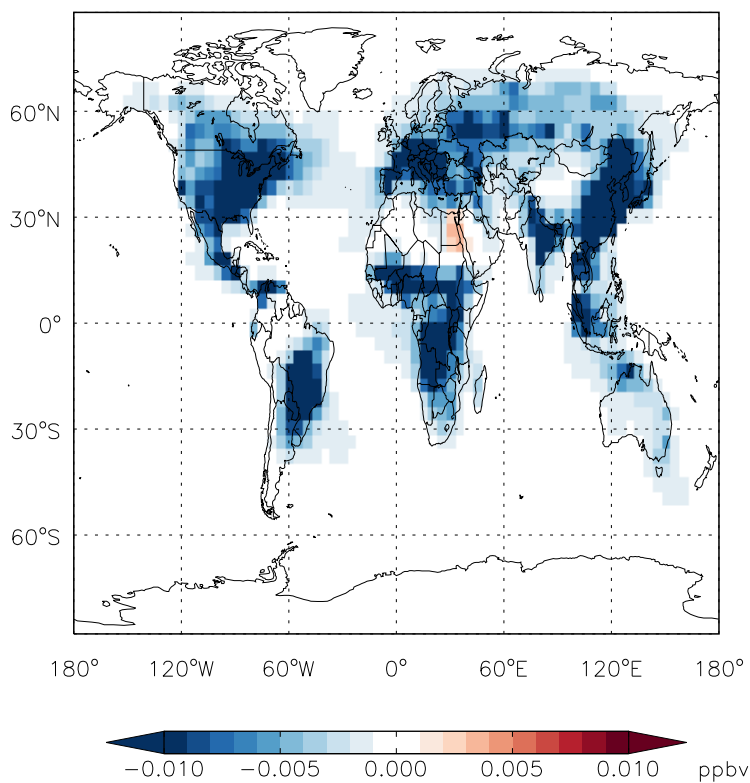
v11-01g-Run0 - v11-01f-geosfp-Run0
R4N2 - Diff @ Surface for Jul



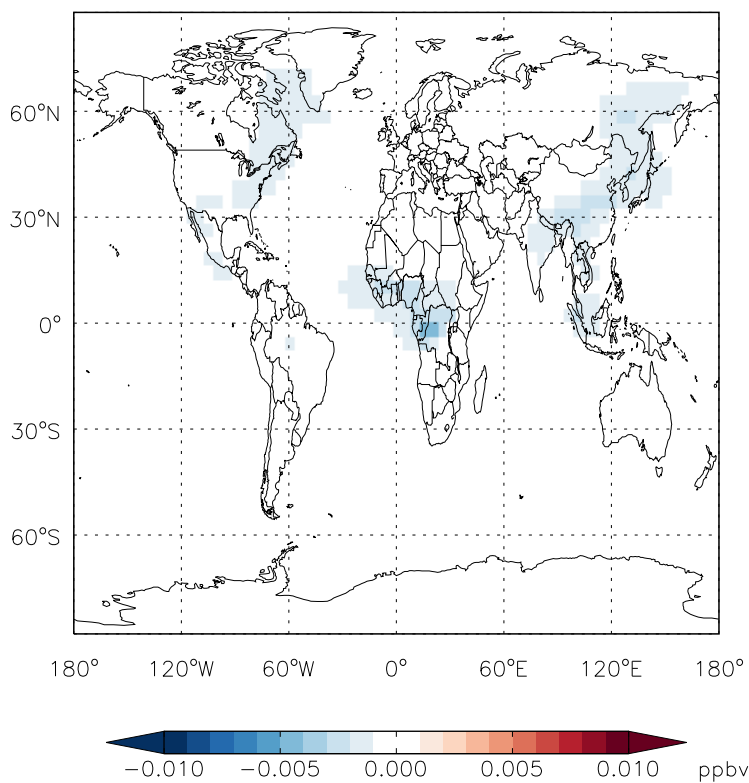
v11-01g-Run0 - v11-01f-geosfp-Run0
R4N2- Diff @ 500 hPa for Jul



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



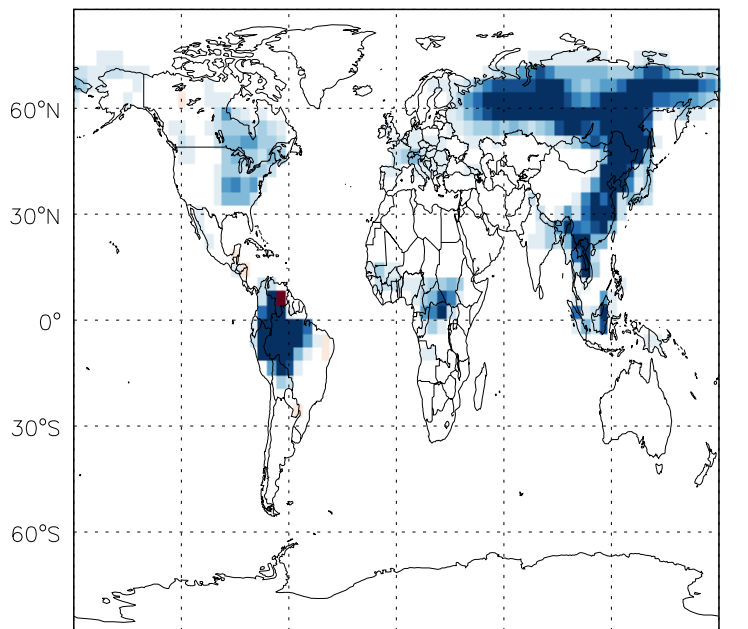
v11-01g-Run0 - v11-01d-Run1
R4N2- Diff @ 500 hPa for Jul



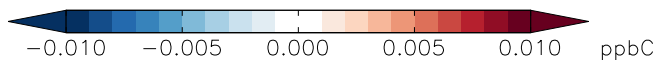
GEOS-Chem Difference Maps at surface and 500 hPa

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

PRPE - Diff @ Surface for Jul

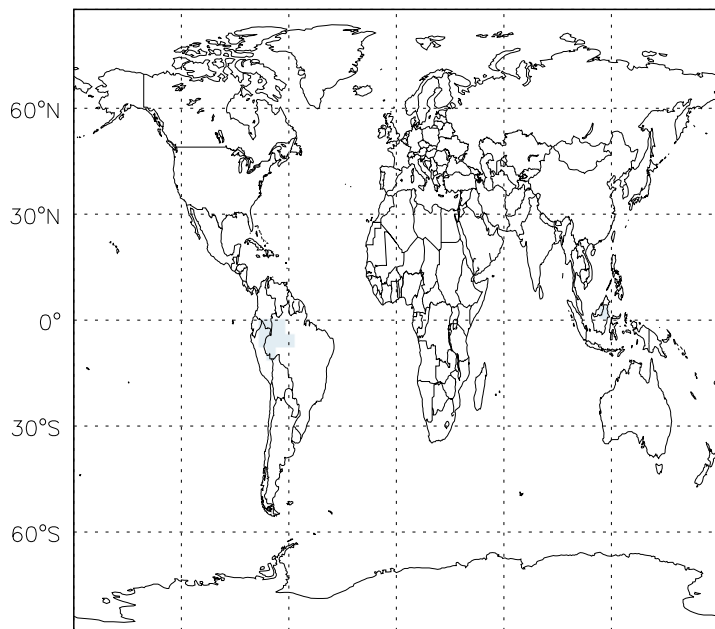


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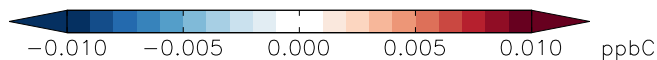


v11-01g-Run0 - v11-01f-geosfp-Run0

PRPE- Diff @ 500 hPa for Jul

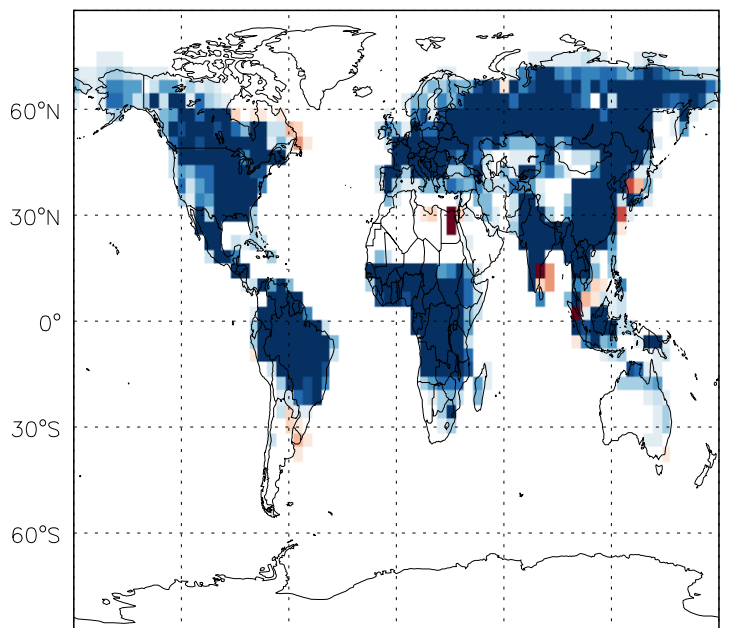


180° 120°W 60°W 0° 60°E 120°E 180°

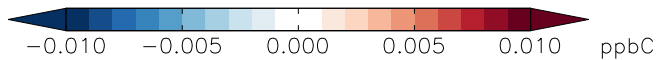


v11-01g-Run0 - v11-01d-Run1

PRPE - Diff @ Surface for Jul

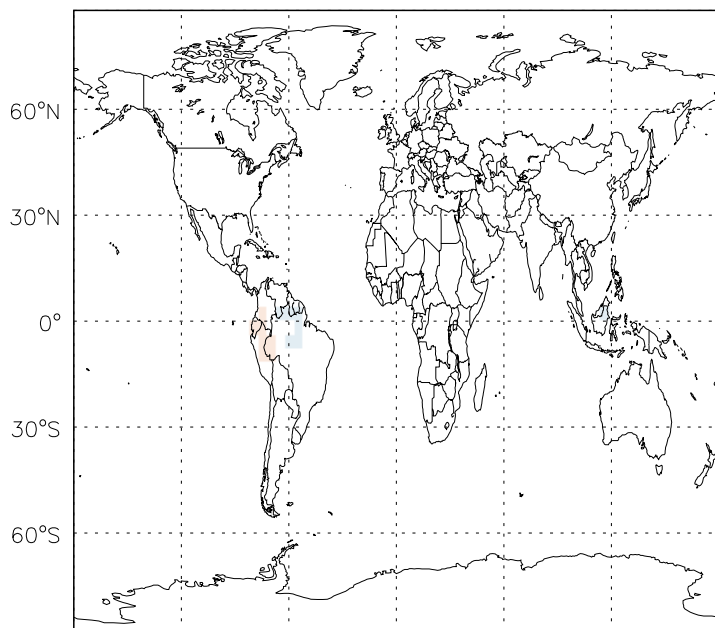


180° 120°W 60°W 0° 60°E 120°E 180°

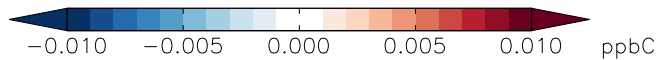


v11-01g-Run0 - v11-01d-Run1

PRPE- Diff @ 500 hPa for Jul



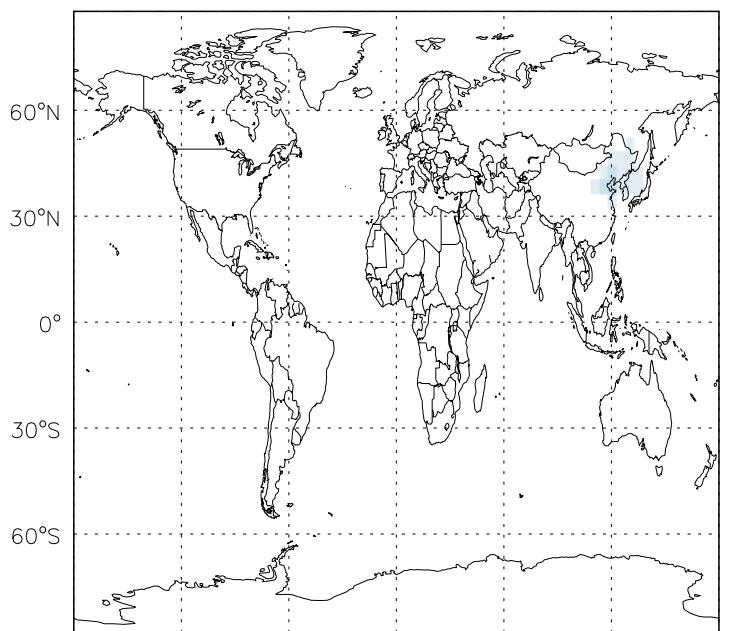
180° 120°W 60°W 0° 60°E 120°E 180°



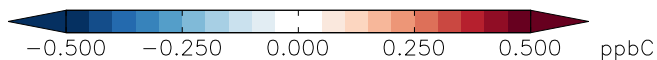
GEOS-Chem Difference Maps at surface and 500 hPa

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

C3H8 - Diff @ Surface for Jul

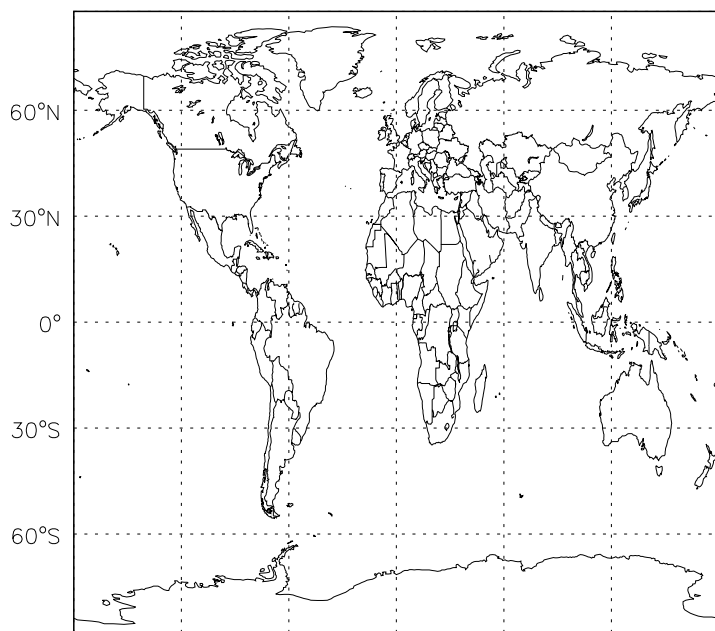


180° 120°W 60°W 0° 60°E 120°E 180°

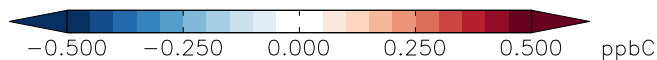


v11-01g-Run0 - v11-01f-geosfp-Run0

C3H8- Diff @ 500 hPa for Jul

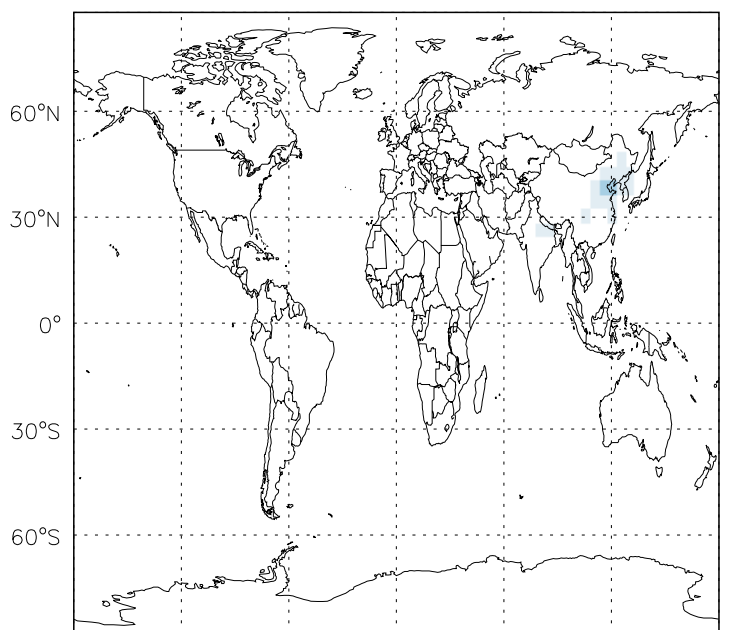


180° 120°W 60°W 0° 60°E 120°E 180°

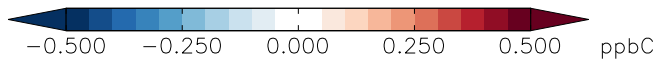


v11-01g-Run0 - v11-01d-Run1

C3H8 - Diff @ Surface for Jul

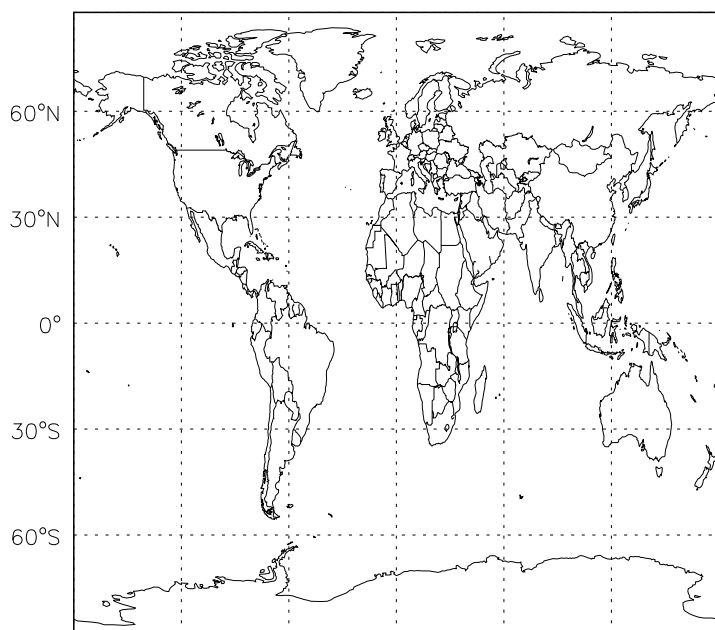


180° 120°W 60°W 0° 60°E 120°E 180°

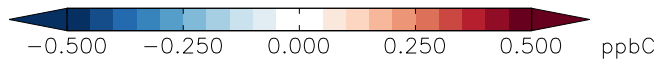


v11-01g-Run0 - v11-01d-Run1

C3H8- Diff @ 500 hPa for Jul



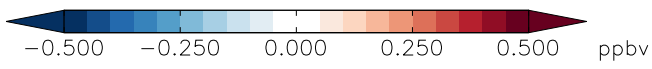
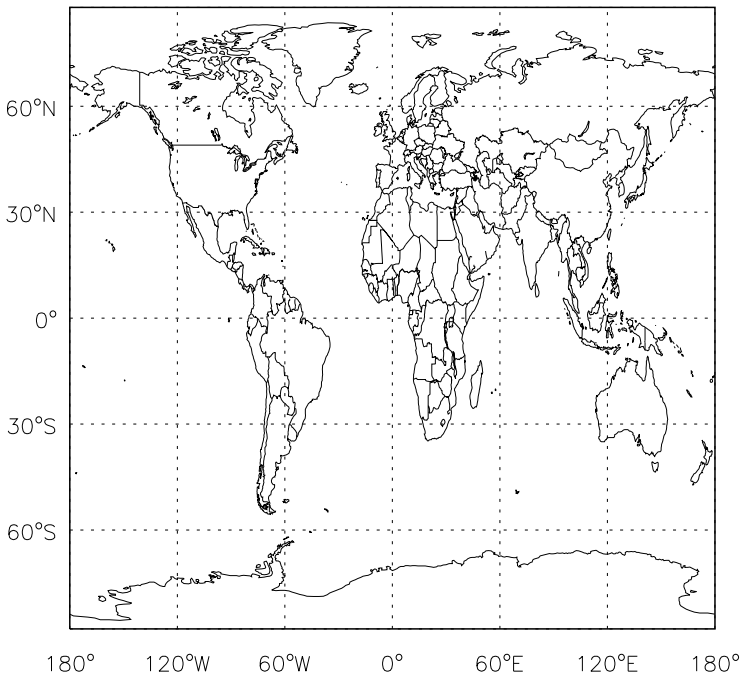
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

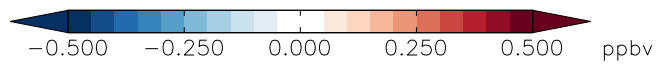
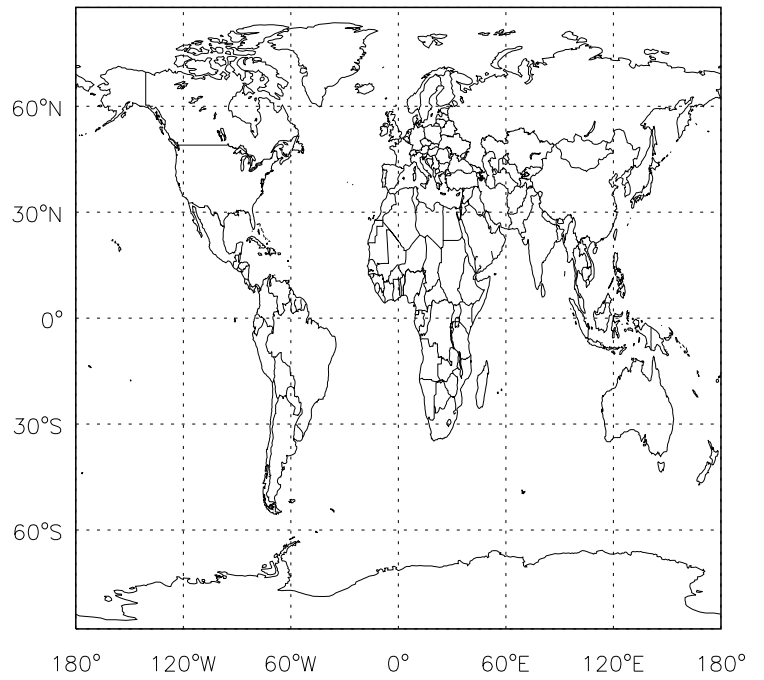
v11-01g-Run0 - v11-01f-geosfp-Run0

CH2O - Diff @ Surface for Jul



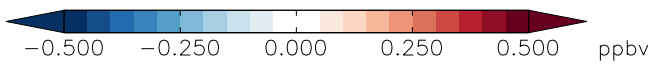
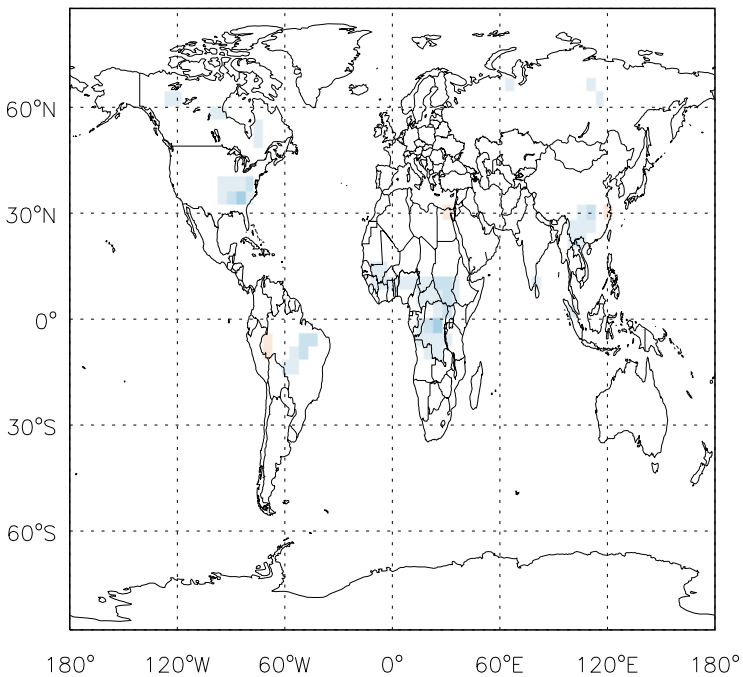
v11-01g-Run0 - v11-01f-geosfp-Run0

CH2O - Diff @ 500 hPa for Jul



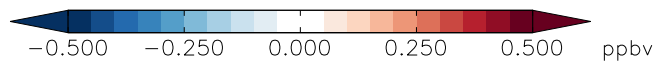
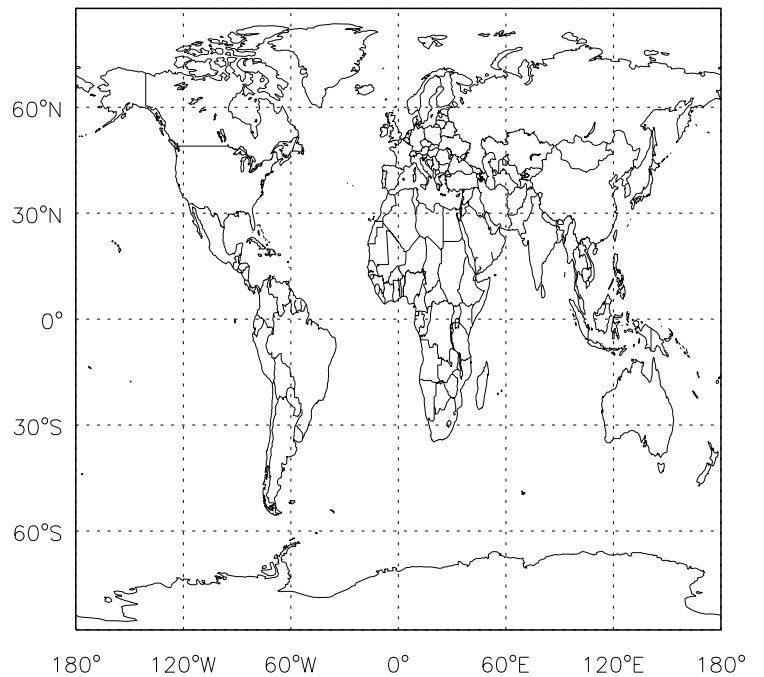
v11-01g-Run0 - v11-01d-Run1

CH2O - Diff @ Surface for Jul



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

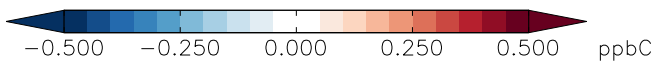
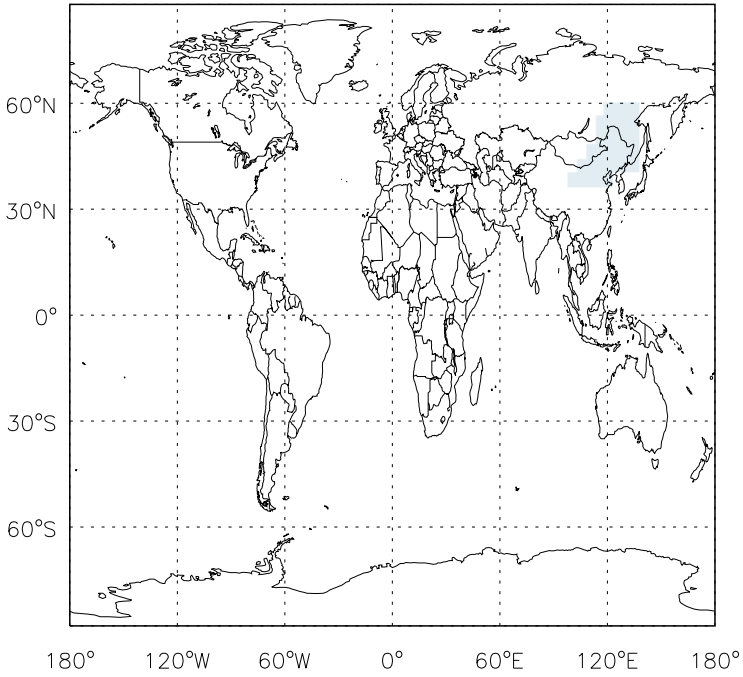
CH2O - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

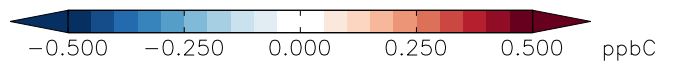
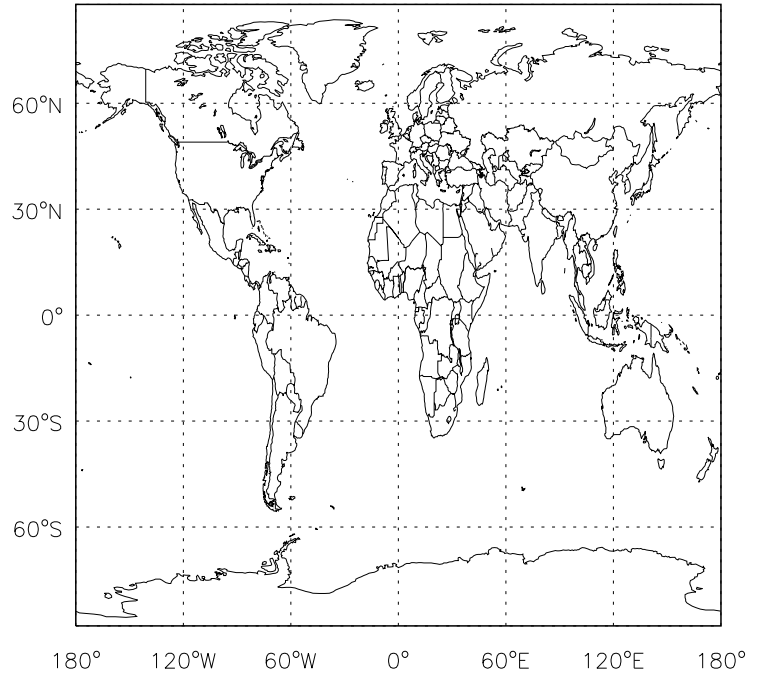
v11-01g-Run0 - v11-01f-geosfp-Run0

C2H6 - Diff @ Surface for Jul



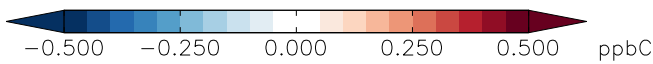
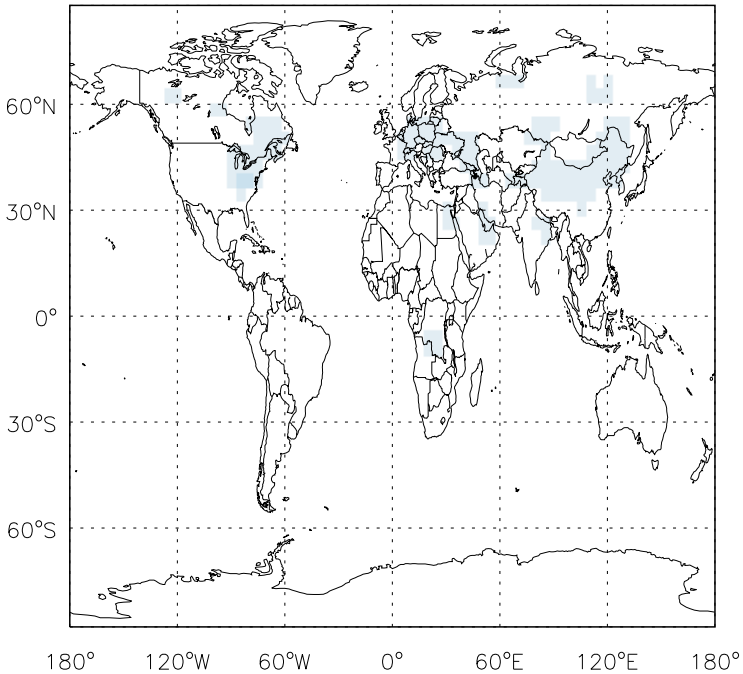
v11-01g-Run0 - v11-01f-geosfp-Run0

C2H6- Diff @ 500 hPa for Jul



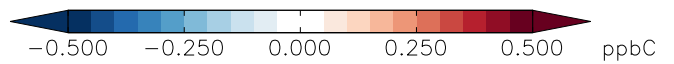
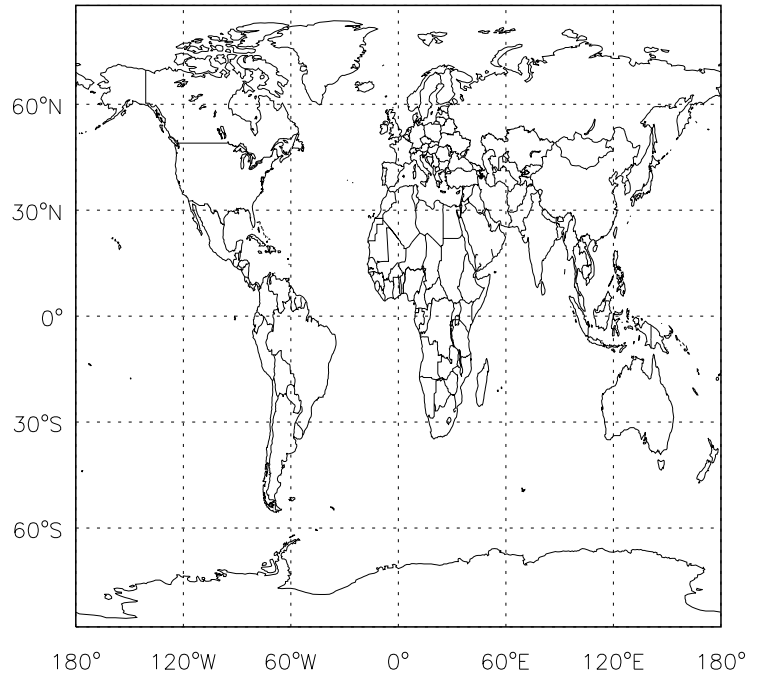
v11-01g-Run0 - v11-01d-Run1

C2H6 - Diff @ Surface for Jul



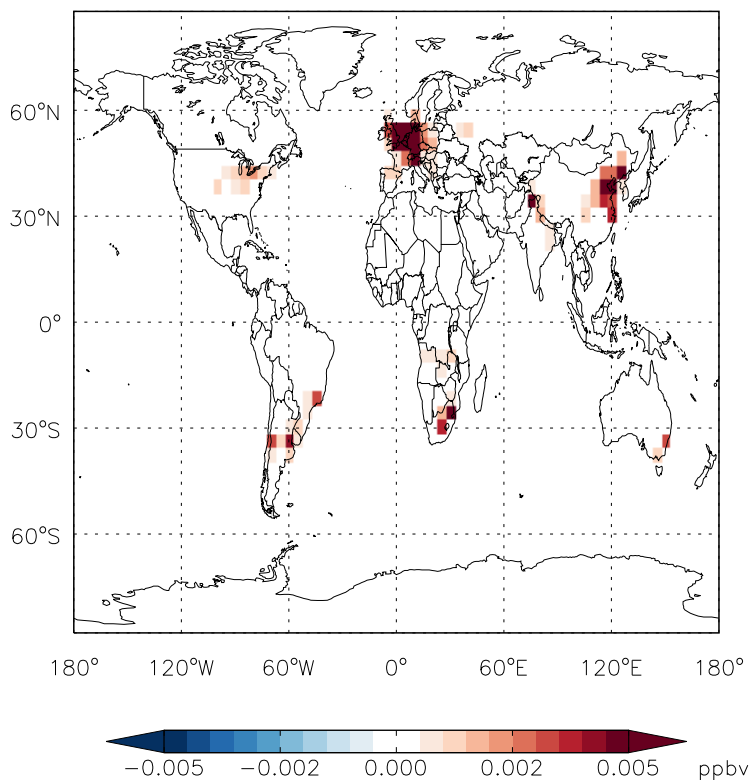
v11-01g-Run0 - v11-01d-Run1

C2H6- Diff @ 500 hPa for Jul

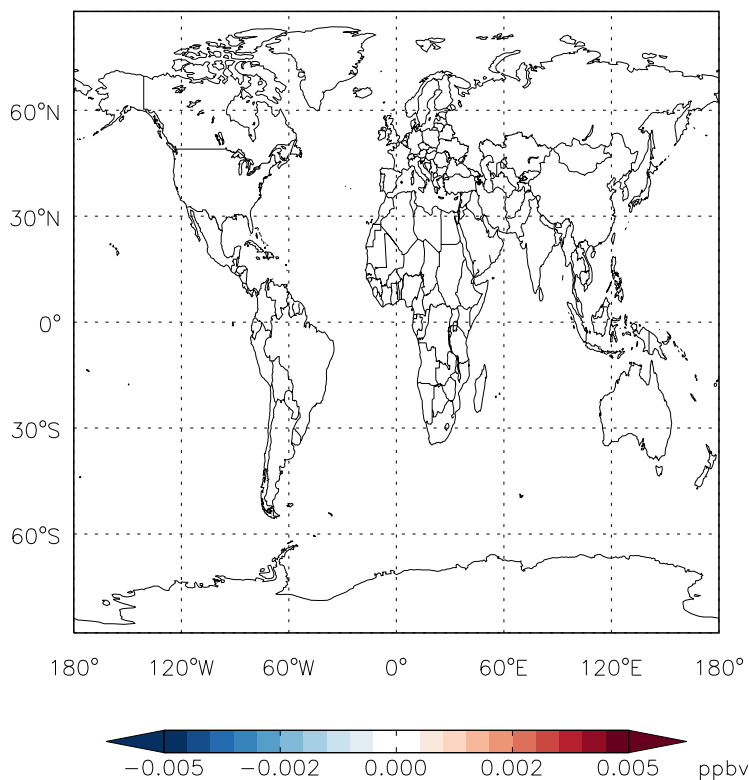


GEOS-Chem Difference Maps at surface and 500 hPa

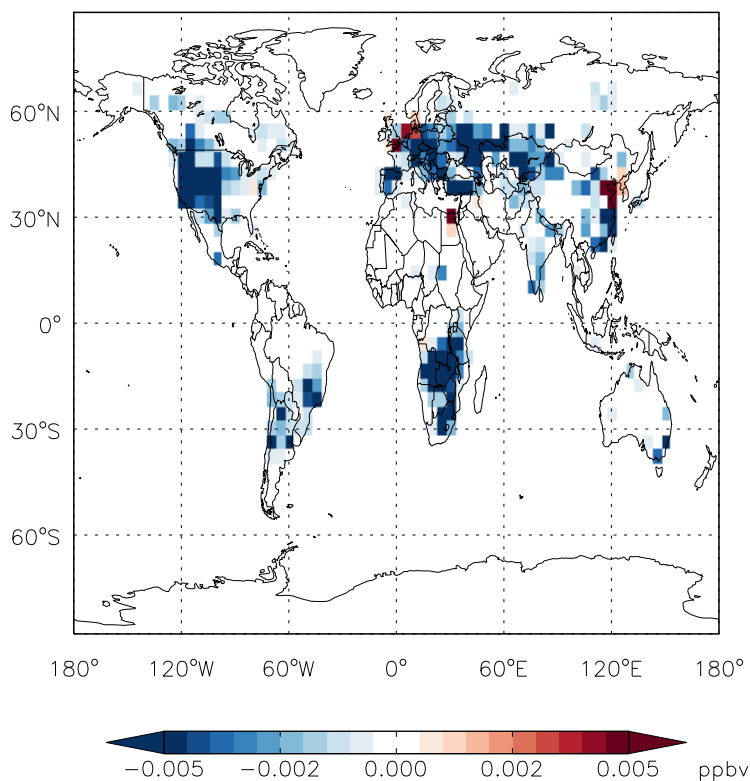
v11-01g-Run0 - v11-01f-geosfp-Run0
N205 - Diff @ Surface for Jul



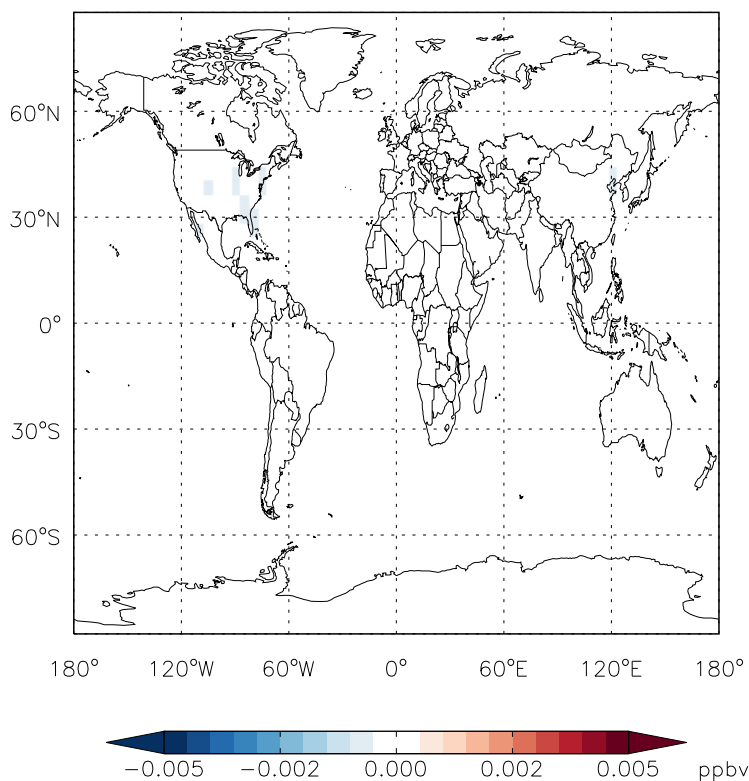
v11-01g-Run0 - v11-01f-geosfp-Run0
N205- Diff @ 500 hPa for Jul



v11-01g-Run0 - v11-01d-Run1
N205 - Diff @ Surface for Jul



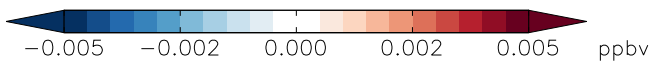
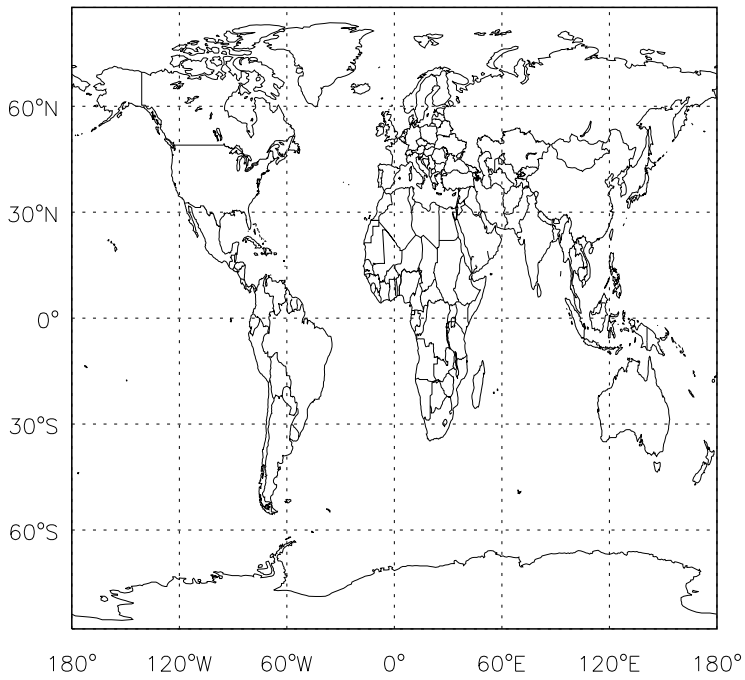
v11-01g-Run0 - v11-01d-Run1
N205- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

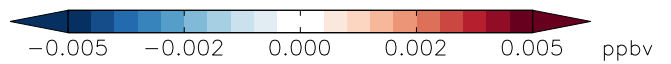
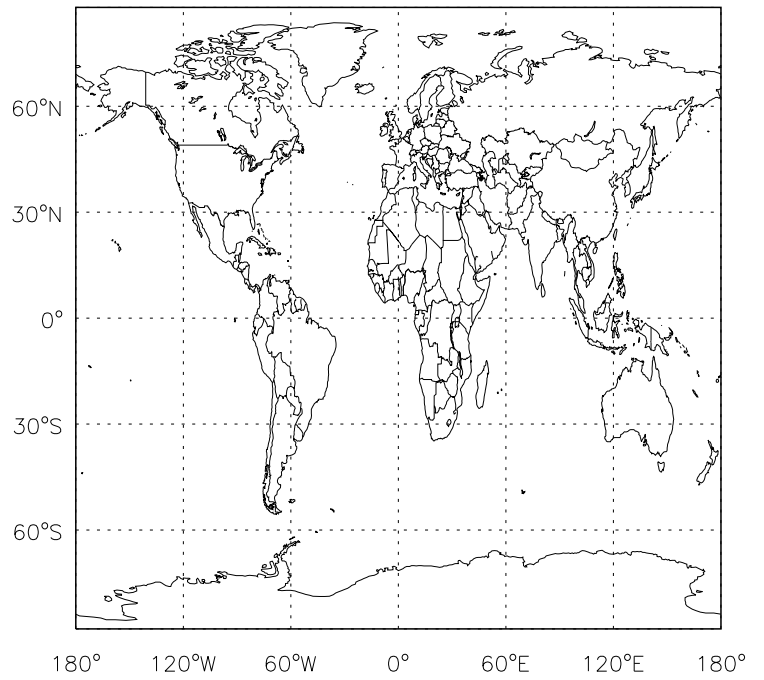
v11-01g-Run0 - v11-01f-geosfp-Run0

HN04 - Diff @ Surface for Jul



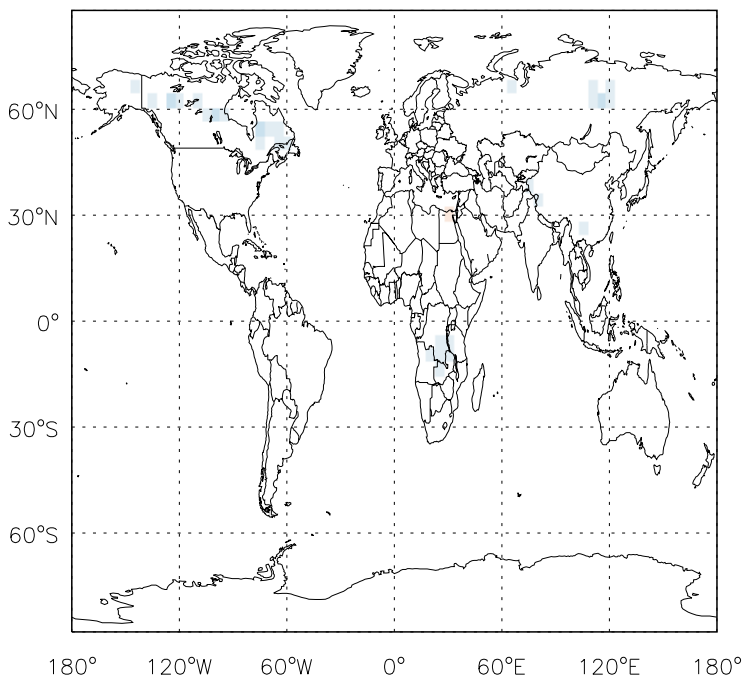
v11-01g-Run0 - v11-01f-geosfp-Run0

HN04 - Diff @ 500 hPa for Jul



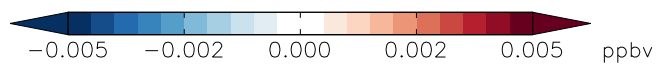
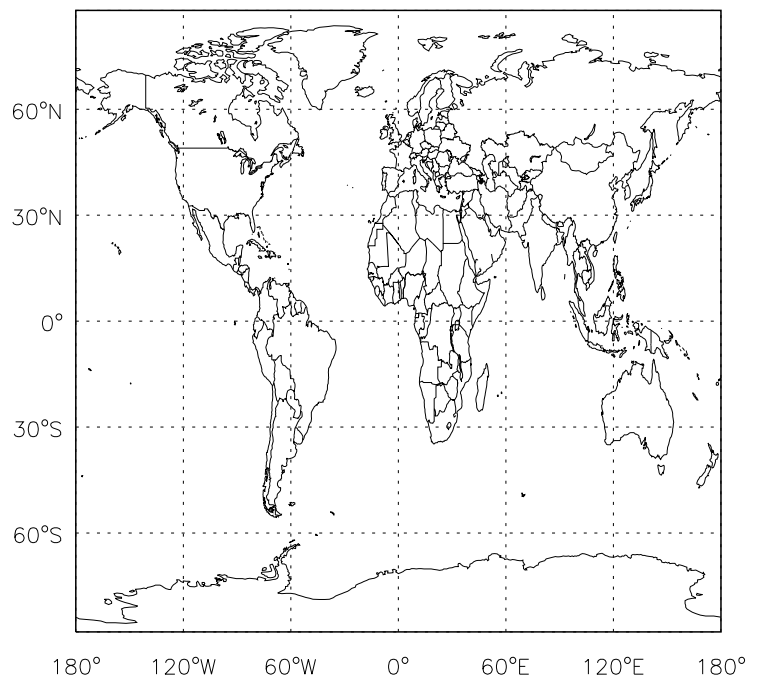
v11-01g-Run0 - v11-01d-Run1

HN04 - Diff @ Surface for Jul



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

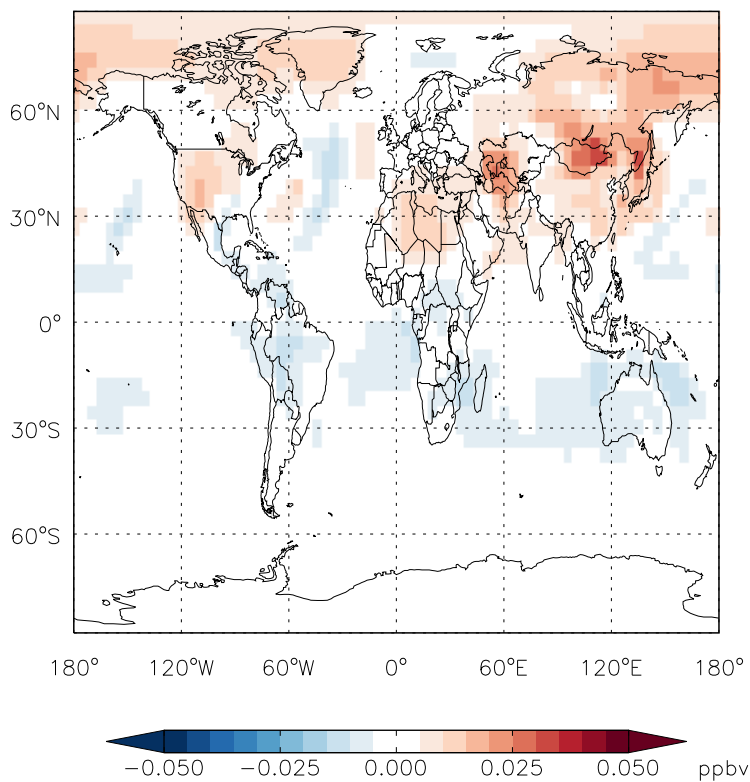
HN04 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

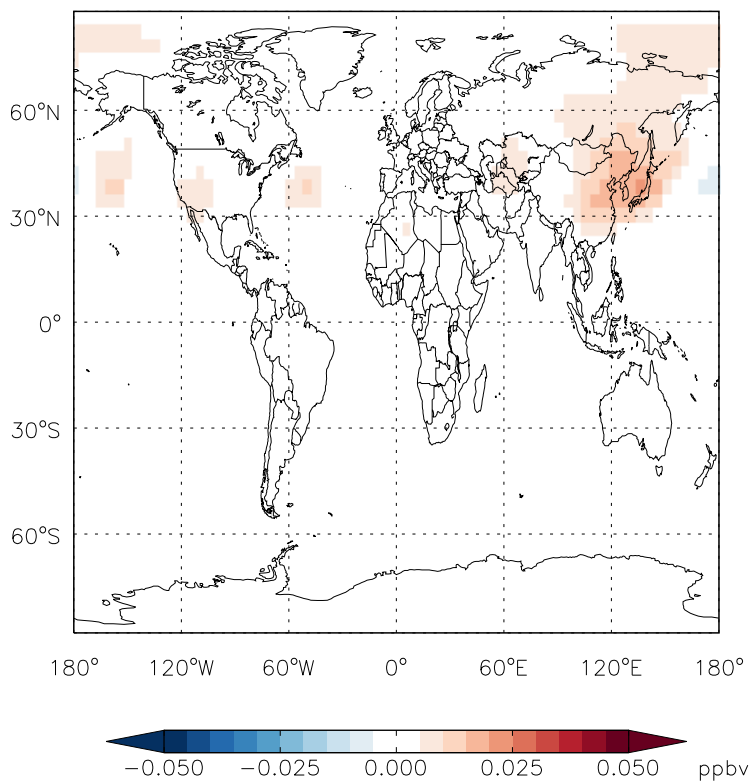
v11-01g-Run0 - v11-01f-geosfp-Run0

MP - Diff @ Surface for Jul



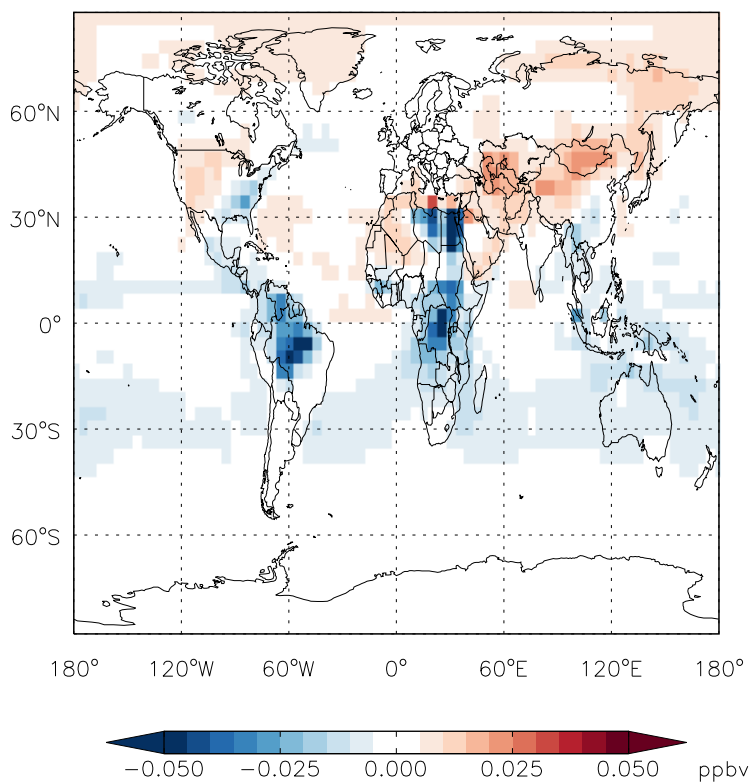
v11-01g-Run0 - v11-01f-geosfp-Run0

MP - Diff @ 500 hPa for Jul



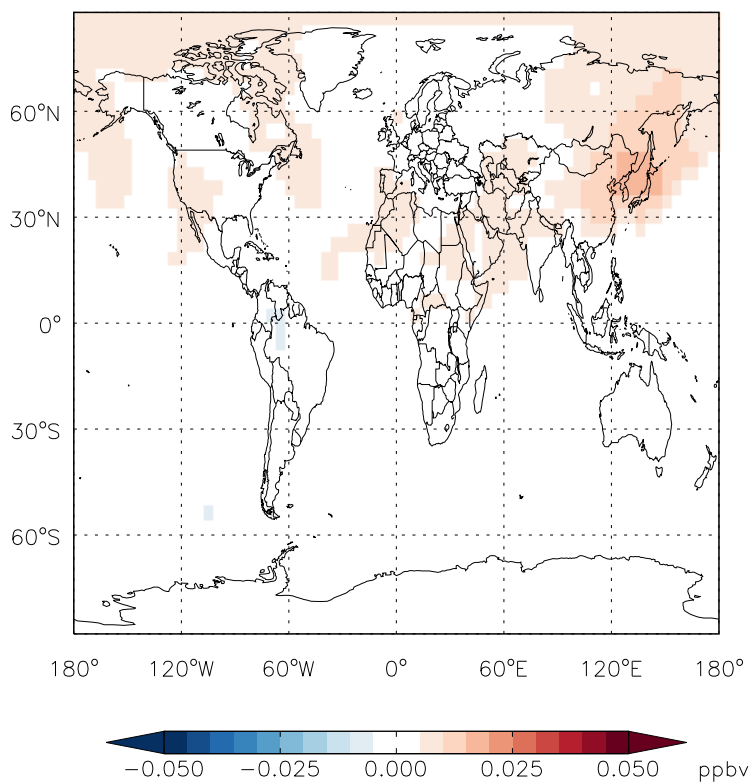
v11-01g-Run0 - v11-01d-Run1

MP - Diff @ Surface for Jul



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

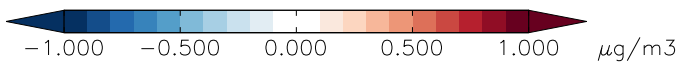
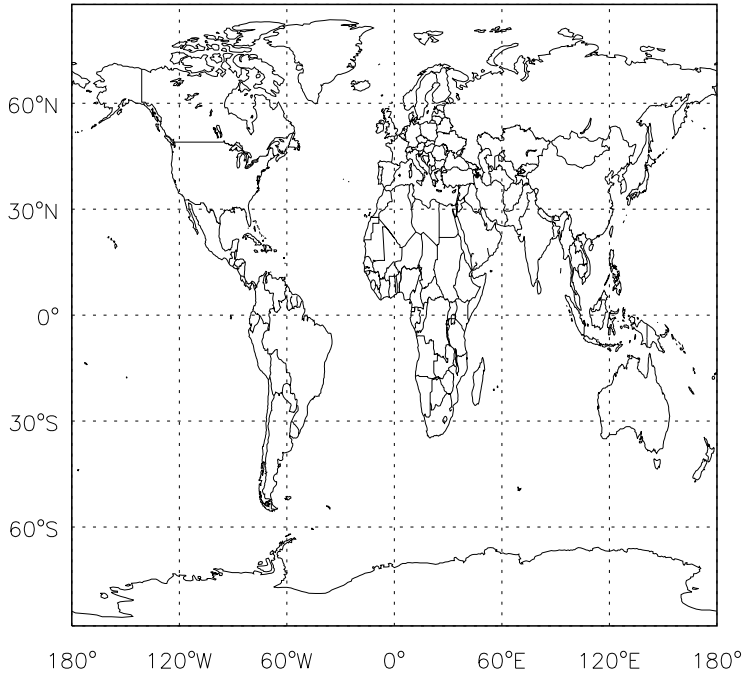
MP - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

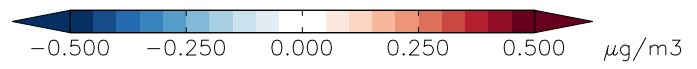
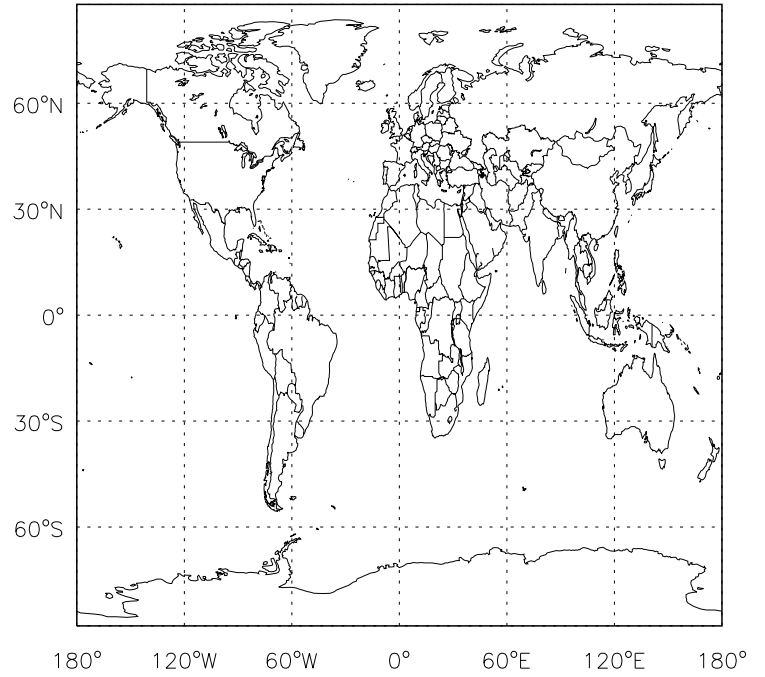
v11-01g-Run0 - v11-01f-geosfp-Run0

DMS - Diff @ Surface for Jul



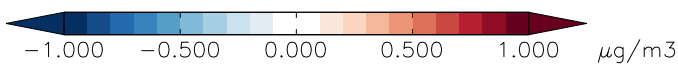
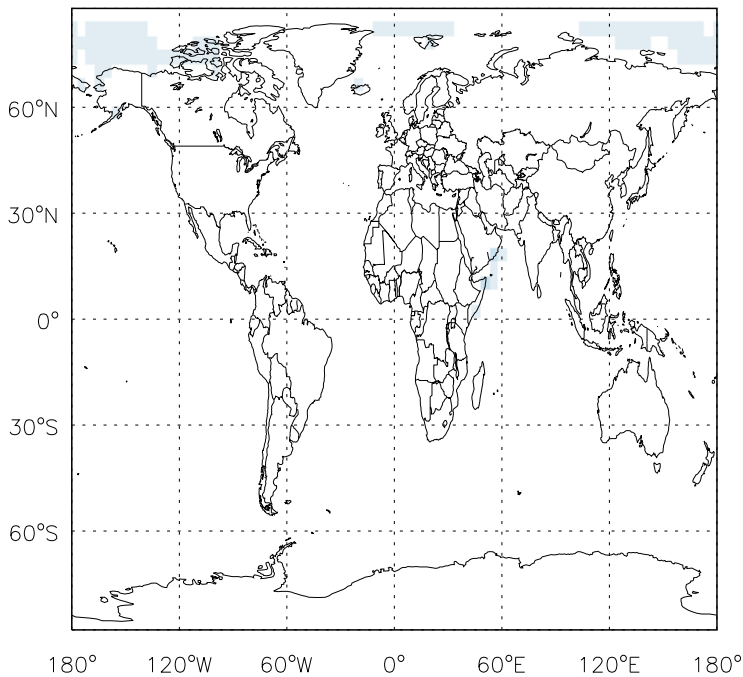
v11-01g-Run0 - v11-01f-geosfp-Run0

DMS - Diff @ 500 hPa for Jul



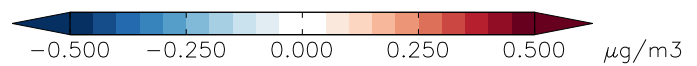
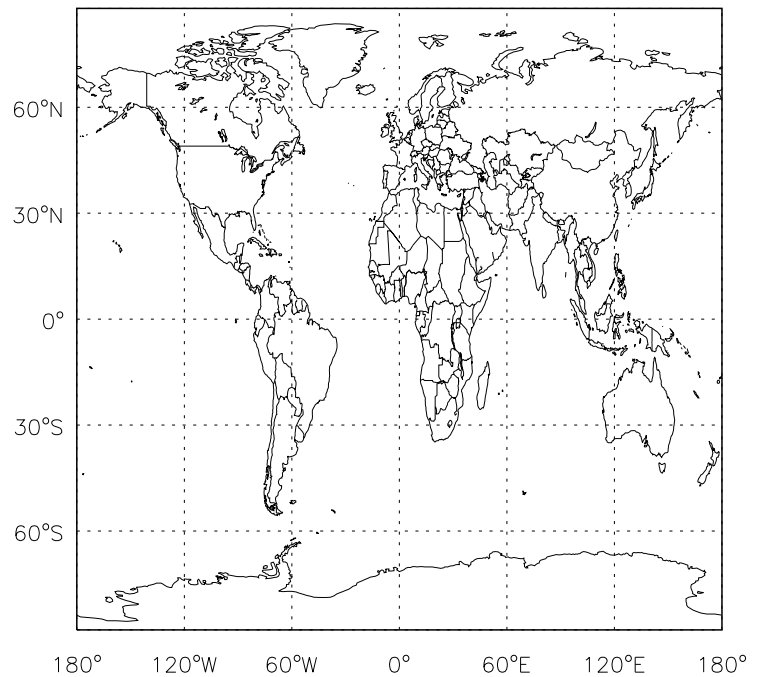
v11-01g-Run0 - v11-01d-Run1

DMS - Diff @ Surface for Jul



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

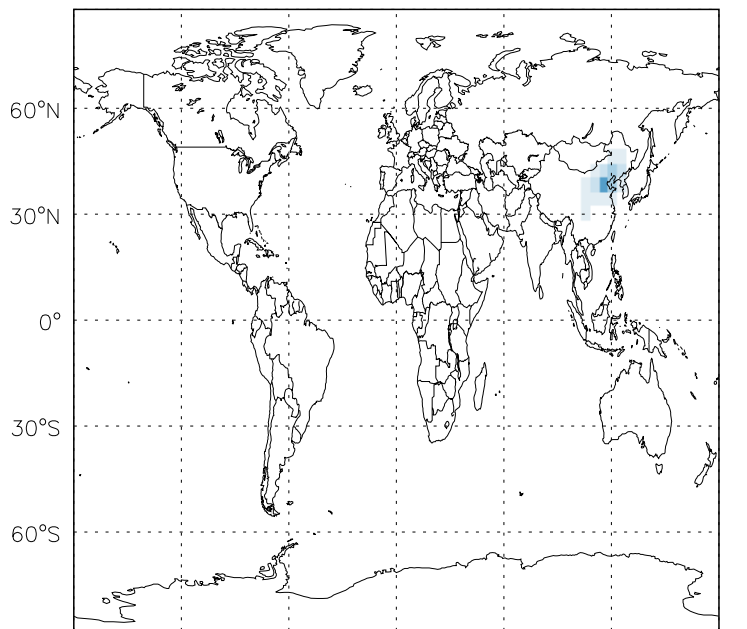
DMS - Diff @ 500 hPa for Jul



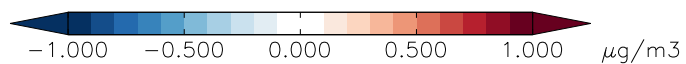
GEOS-Chem Difference Maps at surface and 500 hPa

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

SO₂ - Diff @ Surface for Jul

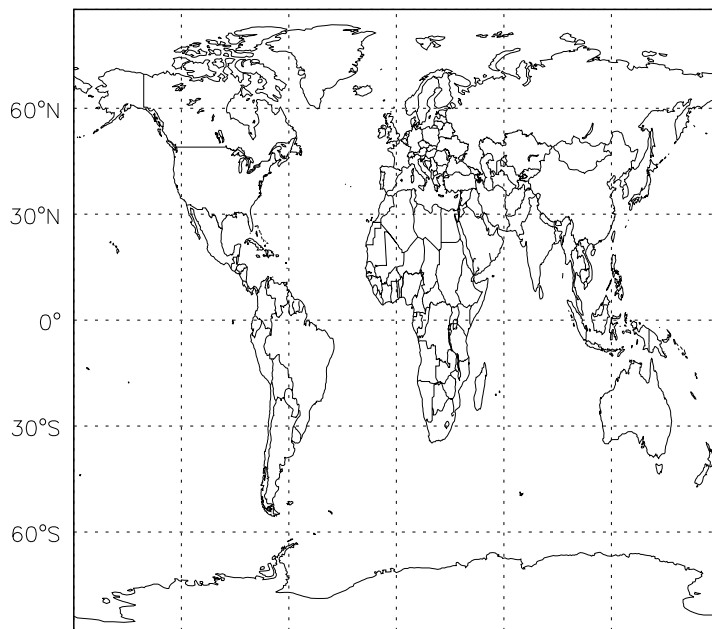


180° 120°W 60°W 0° 60°E 120°E 180°

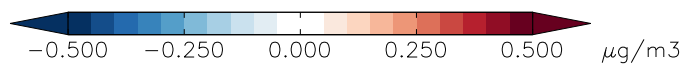


v11-01g-Run0 - v11-01f-geosfp-Run0

SO₂ - Diff @ 500 hPa for Jul

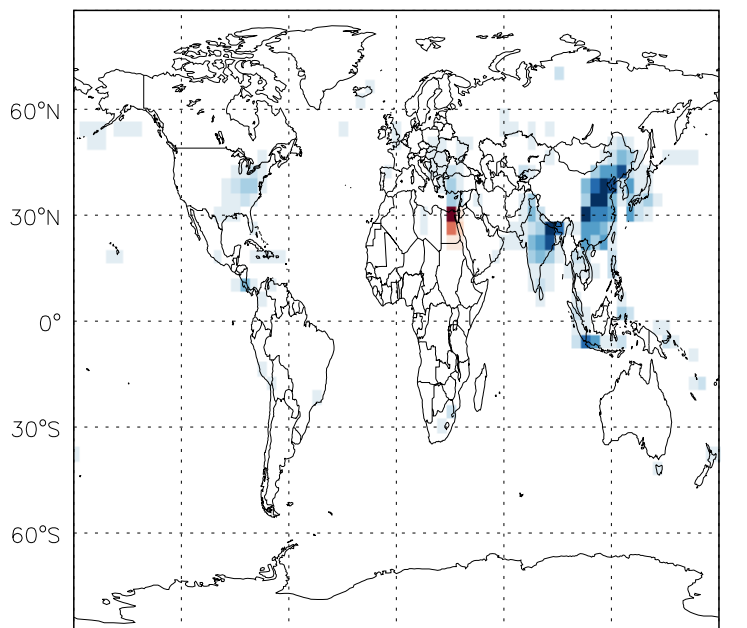


180° 120°W 60°W 0° 60°E 120°E 180°

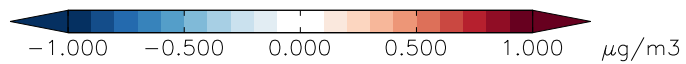


v11-01g-Run0 - v11-01d-Run1

SO₂ - Diff @ Surface for Jul

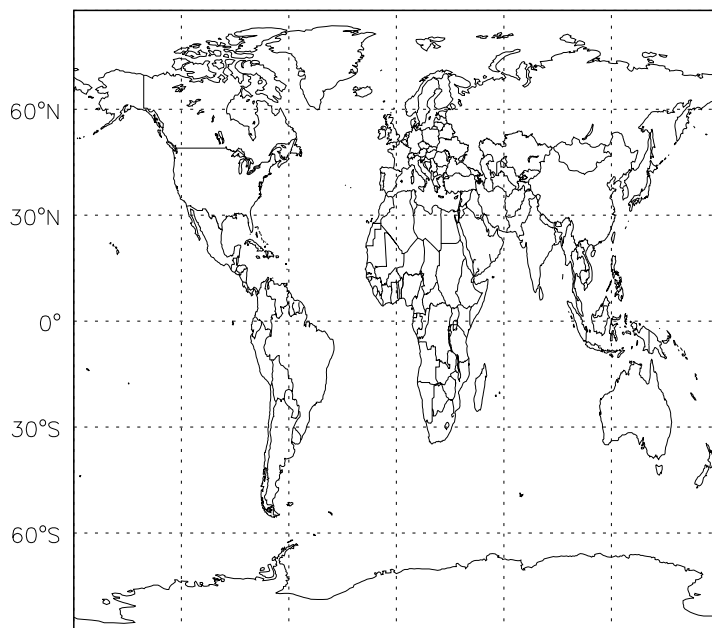


180° 120°W 60°W 0° 60°E 120°E 180°

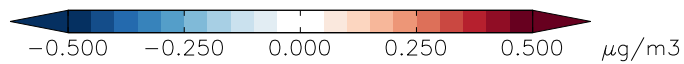


v11-01g-Run0 - v11-01d-Run1

SO₂ - Diff @ 500 hPa for Jul



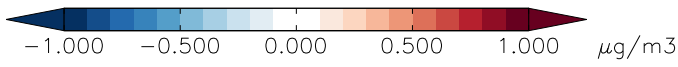
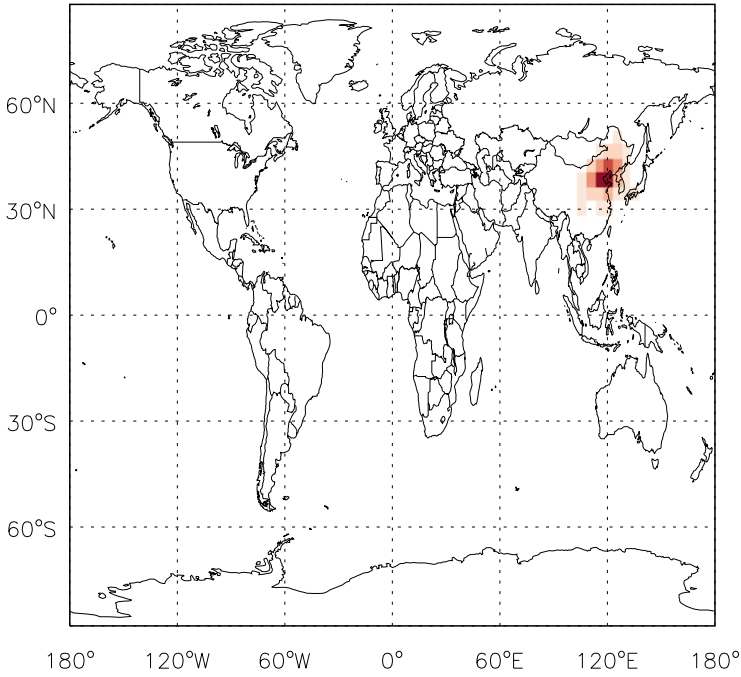
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

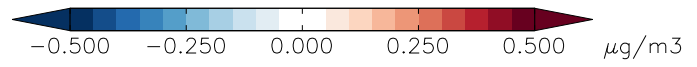
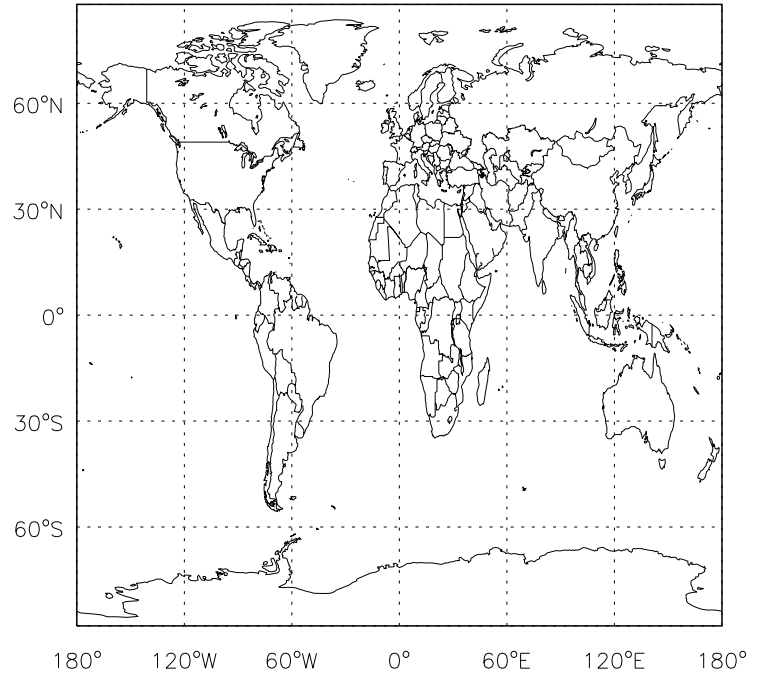
v11-01g-Run0 - v11-01f-geosfp-Run0

SO₄ - Diff @ Surface for Jul



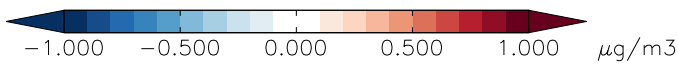
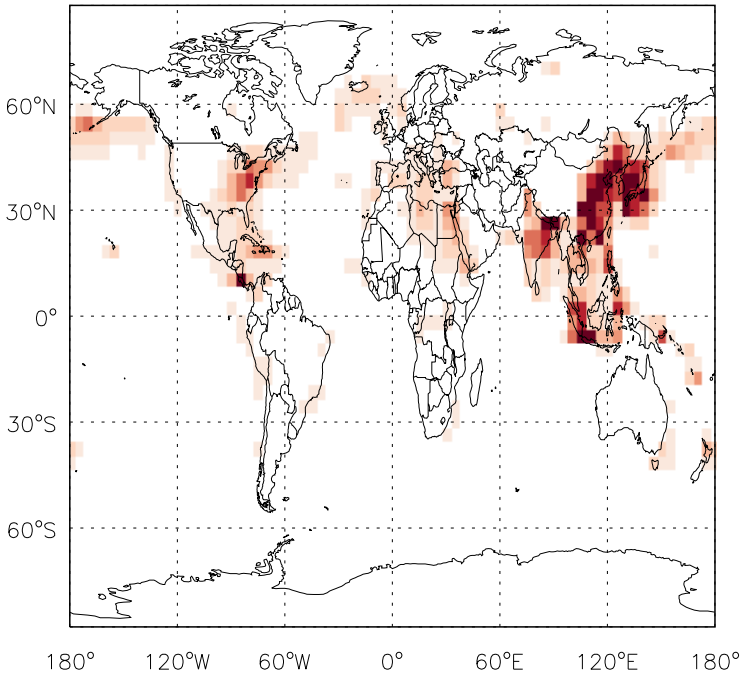
v11-01g-Run0 - v11-01f-geosfp-Run0

SO₄ - Diff @ 500 hPa for Jul



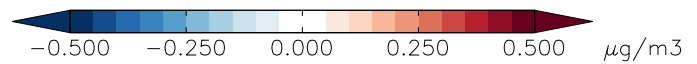
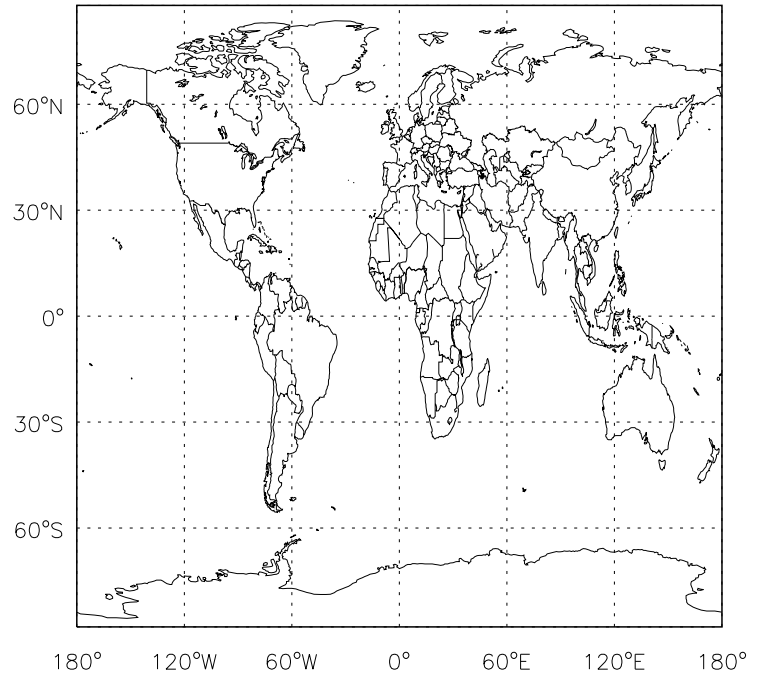
v11-01g-Run0 - v11-01d-Run1

SO₄ - Diff @ Surface for Jul



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

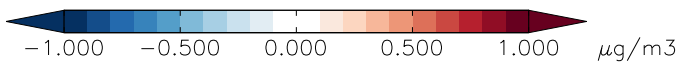
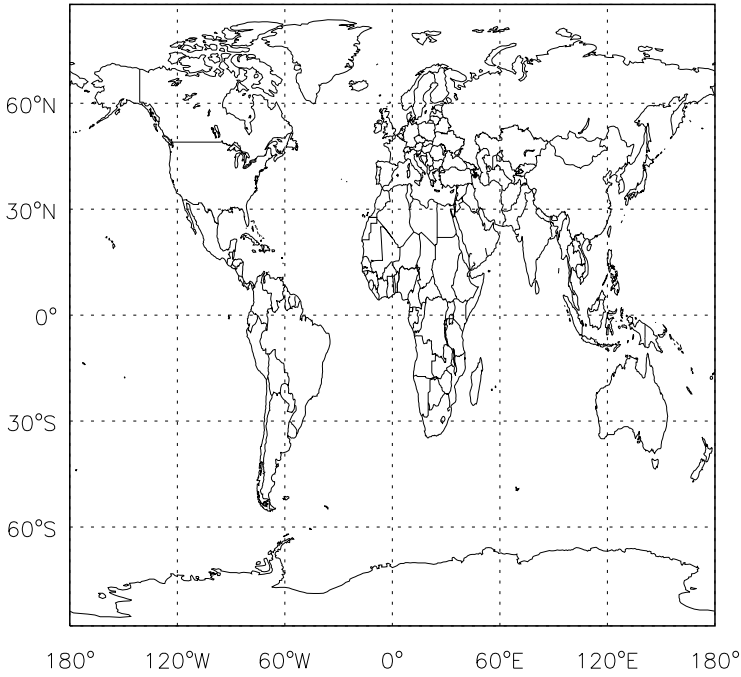
SO₄ - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

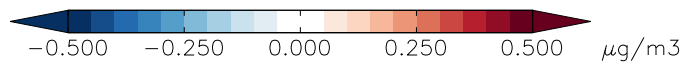
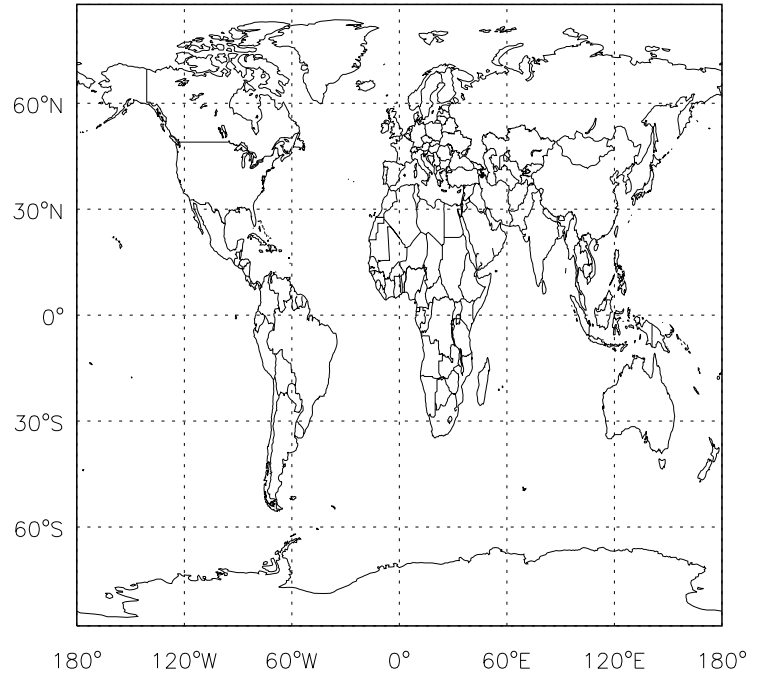
v11-01g-Run0 - v11-01f-geosfp-Run0

S04s - Diff @ Surface for Jul



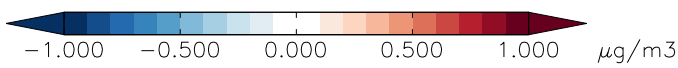
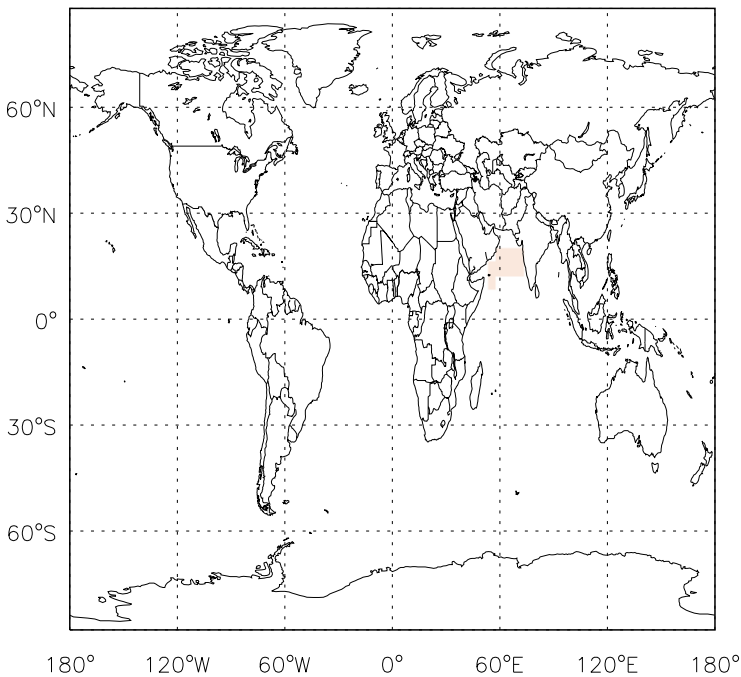
v11-01g-Run0 - v11-01f-geosfp-Run0

S04s- Diff @ 500 hPa for Jul



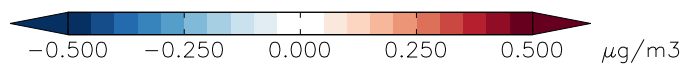
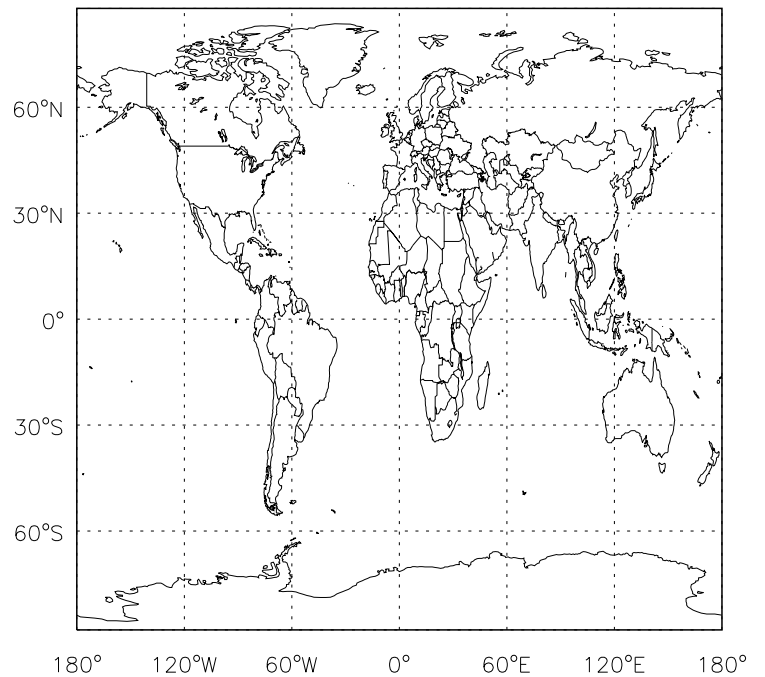
v11-01g-Run0 - v11-01d-Run1

S04s - Diff @ Surface for Jul



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

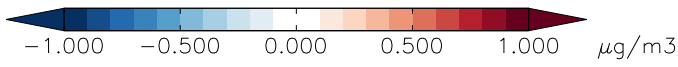
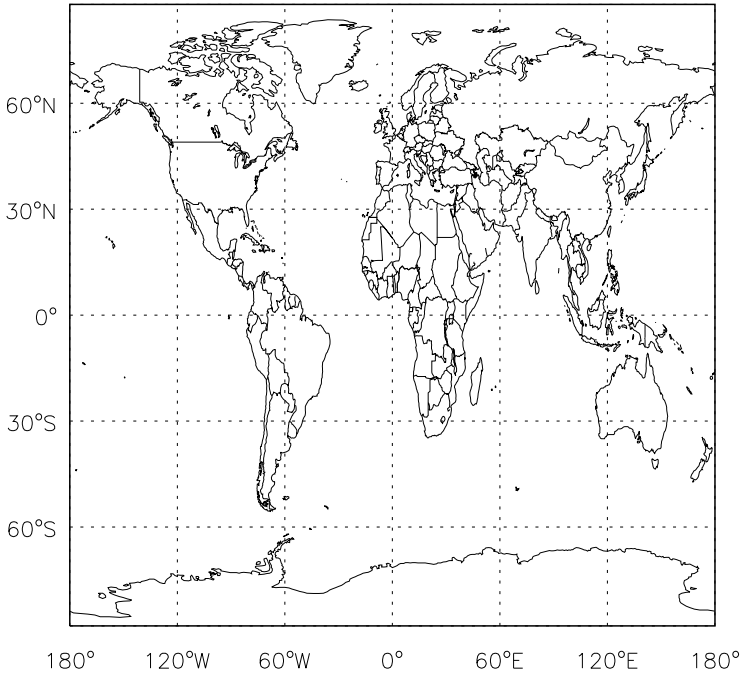
S04s- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

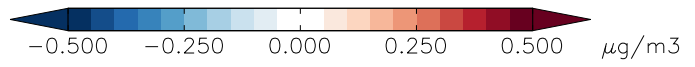
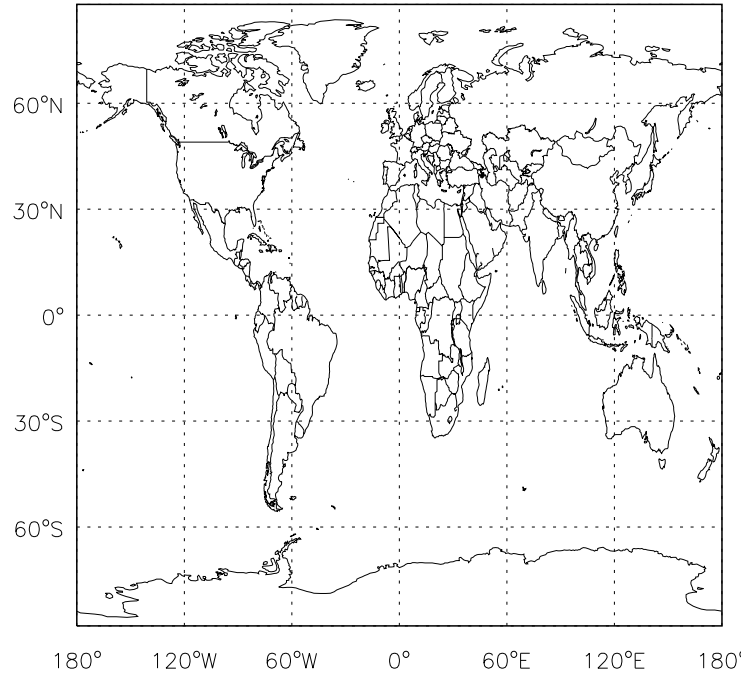
v11-01g-Run0 - v11-01f-geosfp-Run0

MSA - Diff @ Surface for Jul



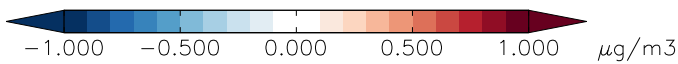
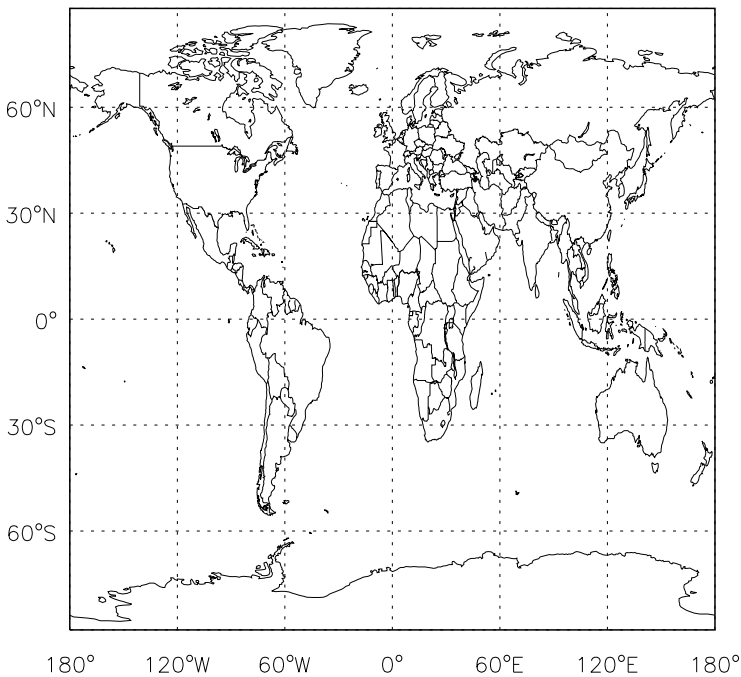
v11-01g-Run0 - v11-01f-geosfp-Run0

MSA - Diff @ 500 hPa for Jul



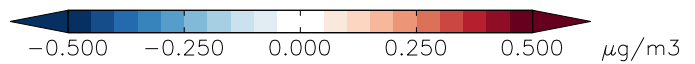
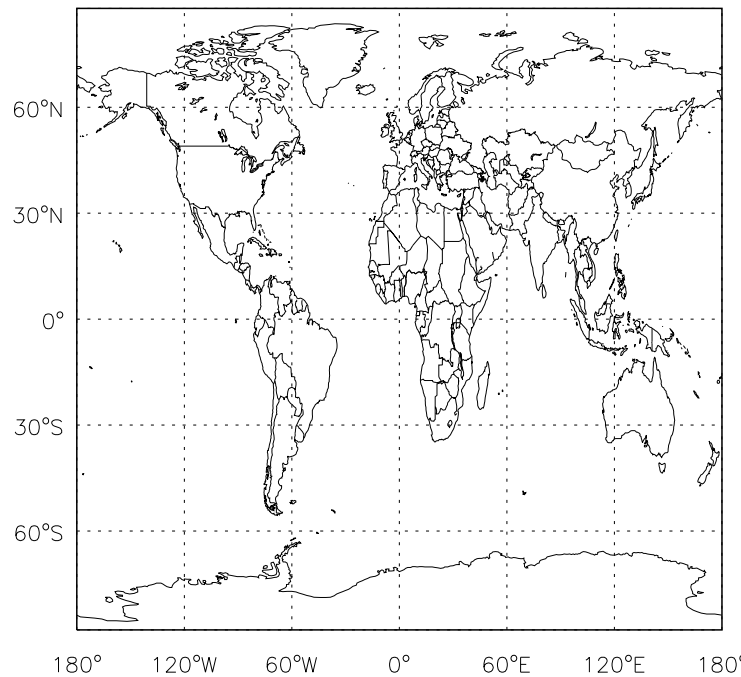
v11-01g-Run0 - v11-01d-Run1

MSA - Diff @ Surface for Jul



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

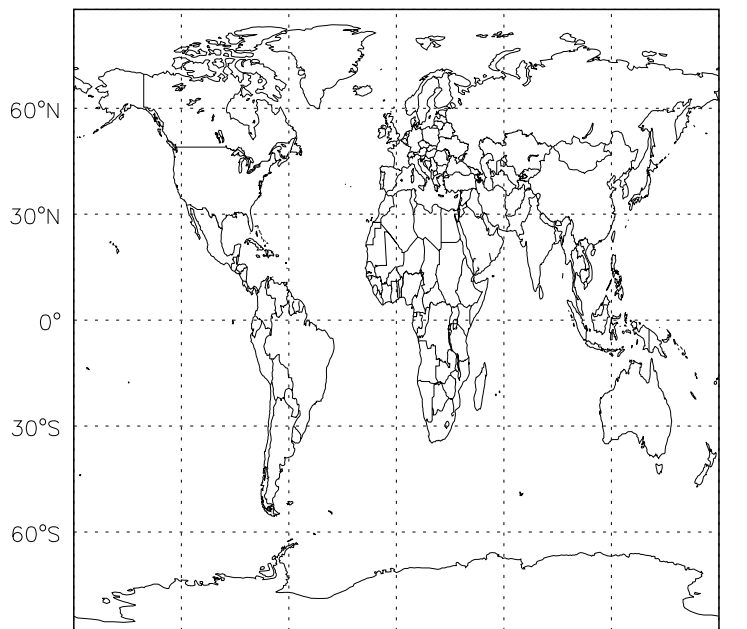
MSA - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

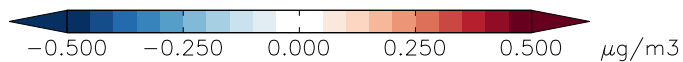
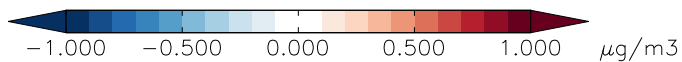
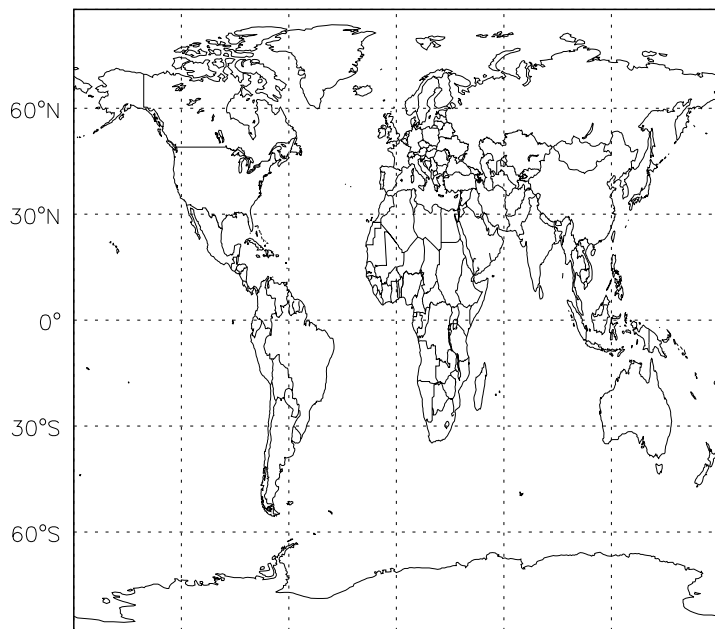
v11-01g-Run0 - v11-01f-geosfp-Run0

NH₃ - Diff @ Surface for Jul



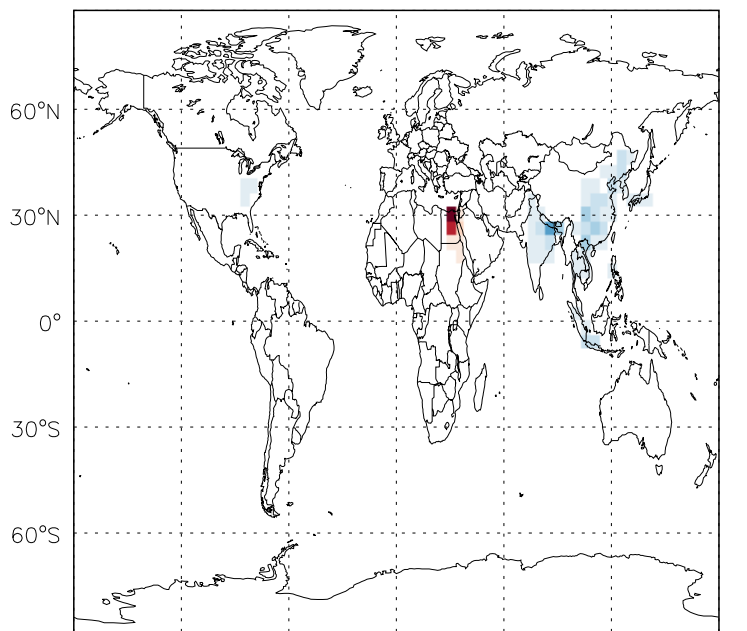
v11-01g-Run0 - v11-01f-geosfp-Run0

NH₃ - Diff @ 500 hPa for Jul



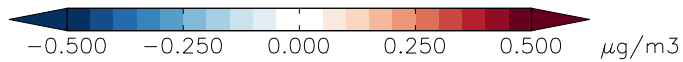
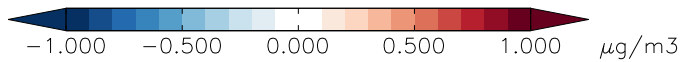
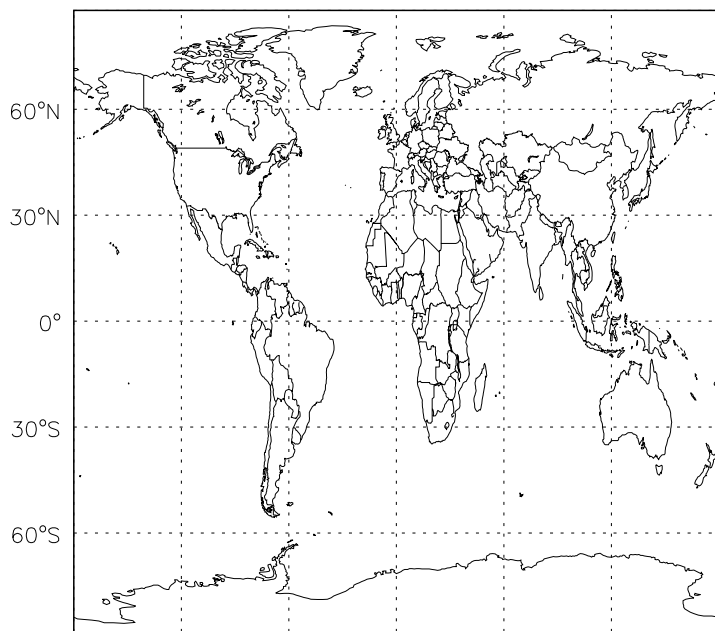
v11-01g-Run0 - v11-01d-Run1

NH₃ - Diff @ Surface for Jul



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

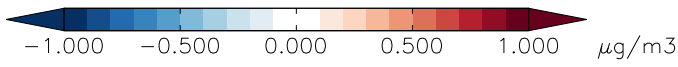
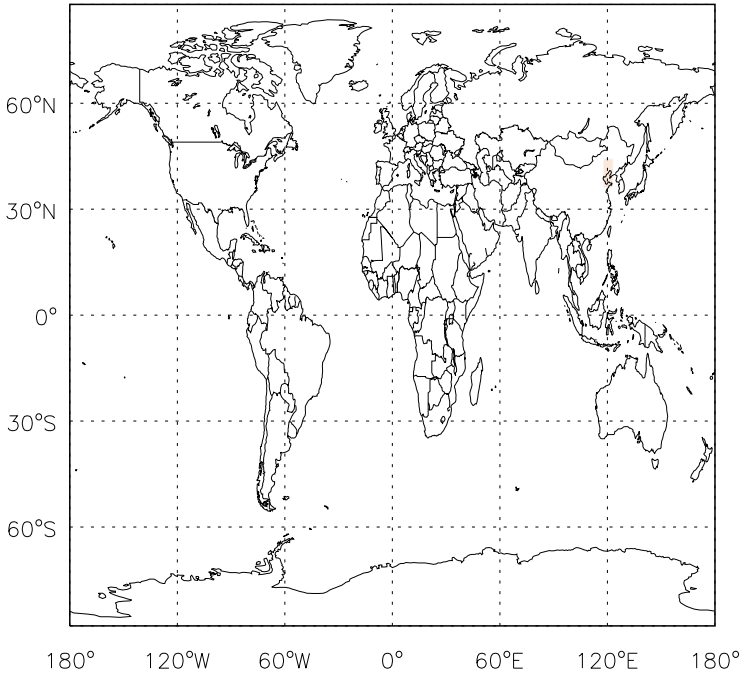
NH₃ - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

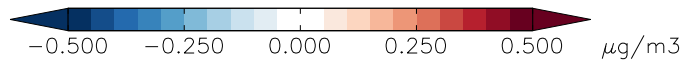
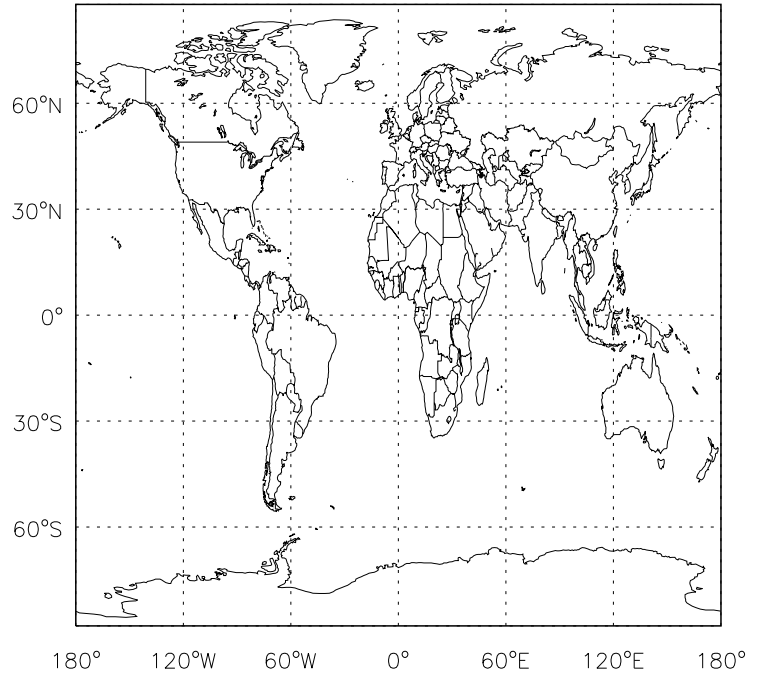
v11-01g-Run0 - v11-01f-geosfp-Run0

NH₄ - Diff @ Surface for Jul



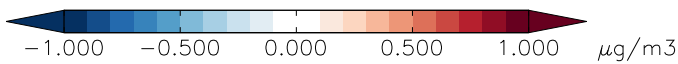
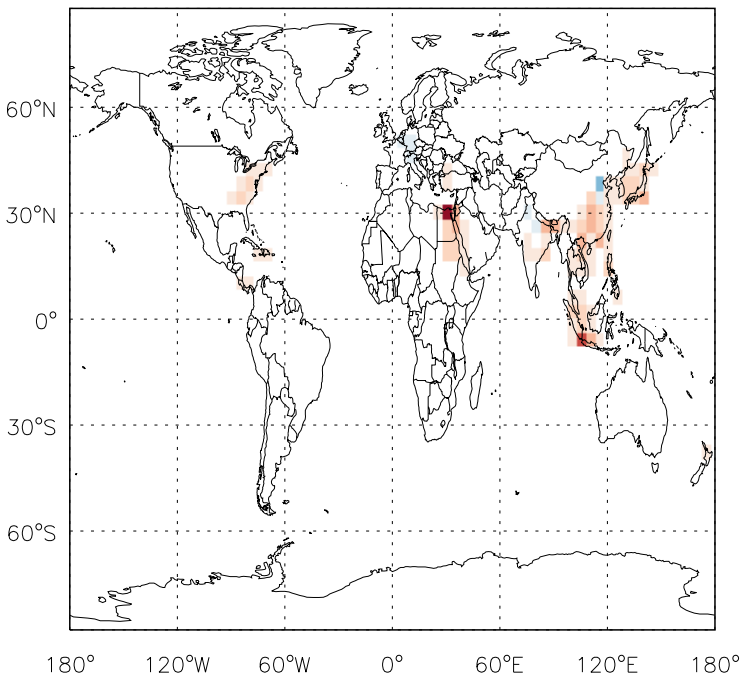
v11-01g-Run0 - v11-01f-geosfp-Run0

NH₄ - Diff @ 500 hPa for Jul



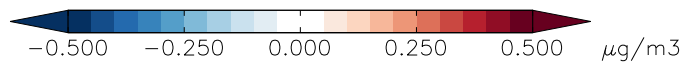
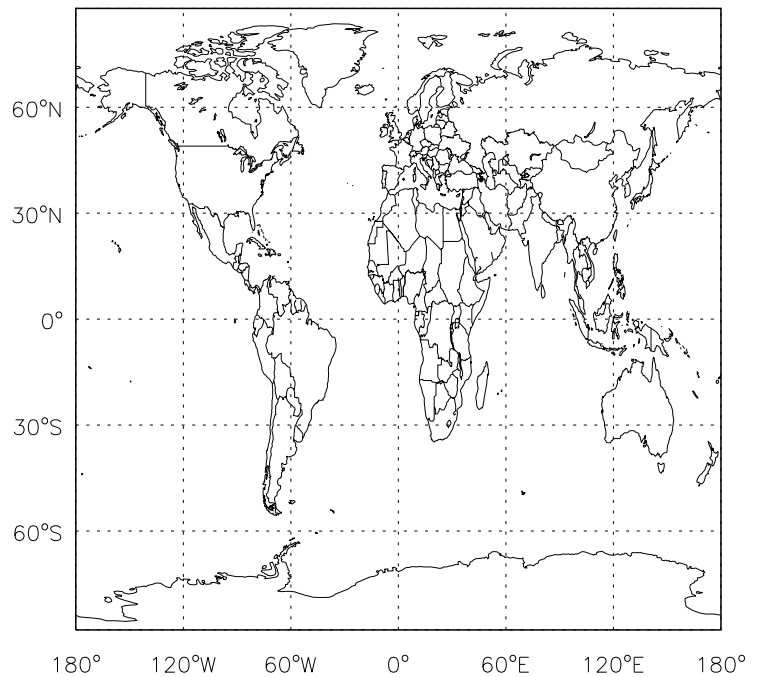
v11-01g-Run0 - v11-01d-Run1

NH₄ - Diff @ Surface for Jul



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

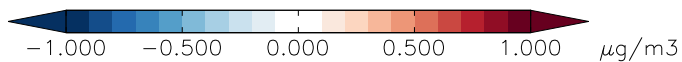
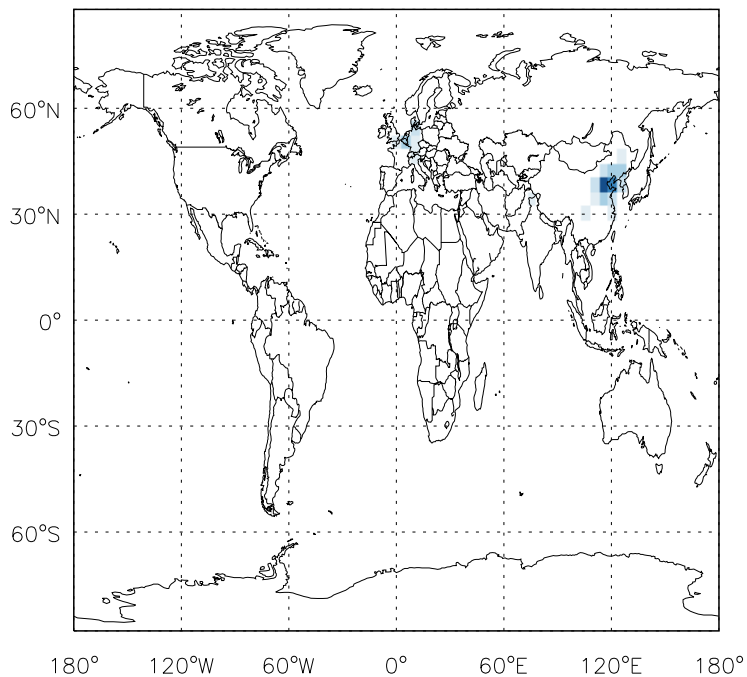
NH₄ - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

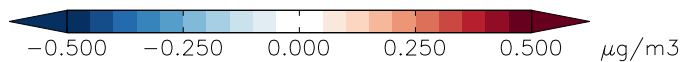
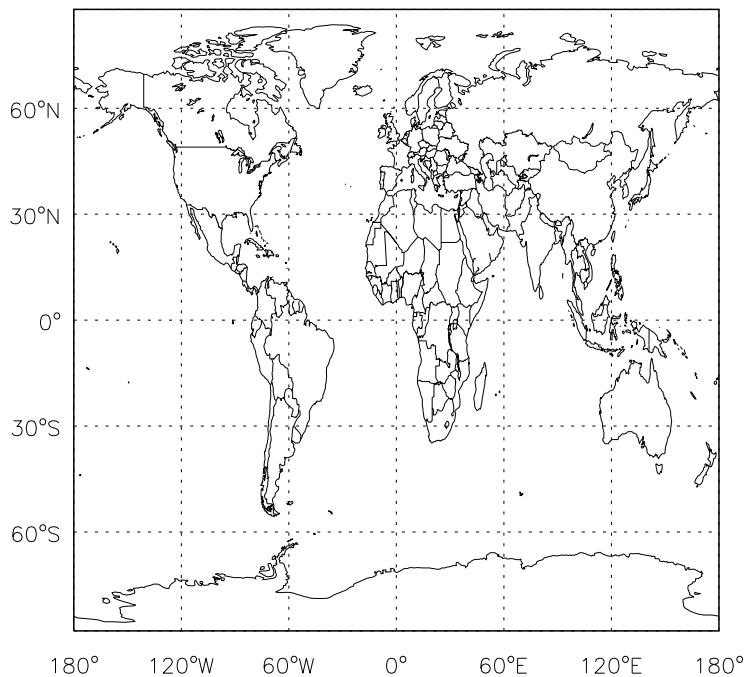
v11-01g-Run0 - v11-01f-geosfp-Run0

NIT - Diff @ Surface for Jul



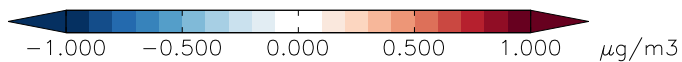
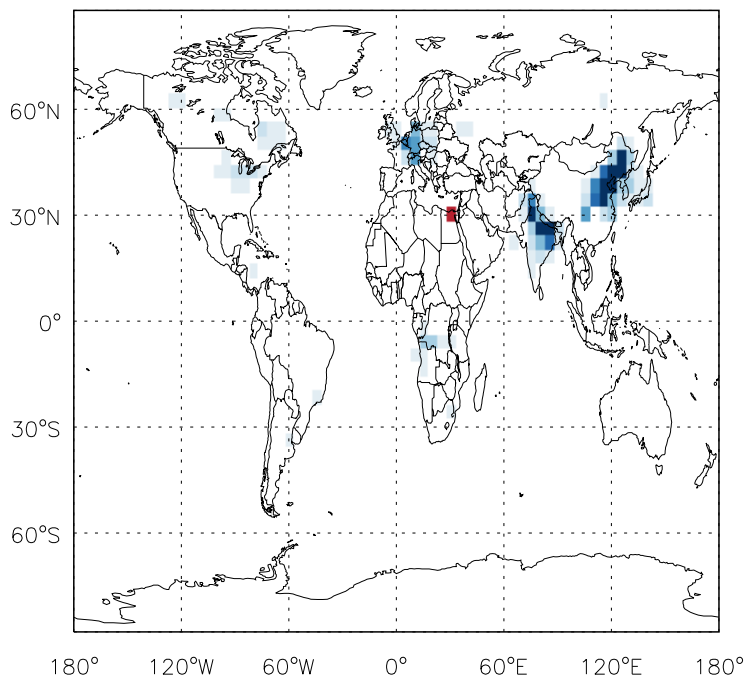
v11-01g-Run0 - v11-01f-geosfp-Run0

NIT - Diff @ 500 hPa for Jul



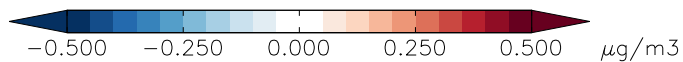
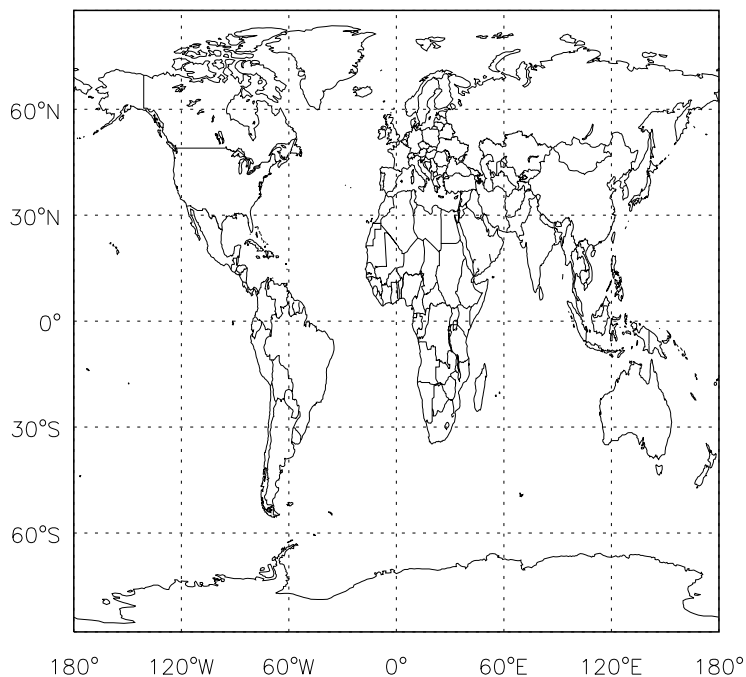
v11-01g-Run0 - v11-01d-Run1

NIT - Diff @ Surface for Jul



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

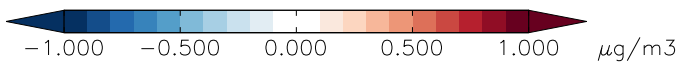
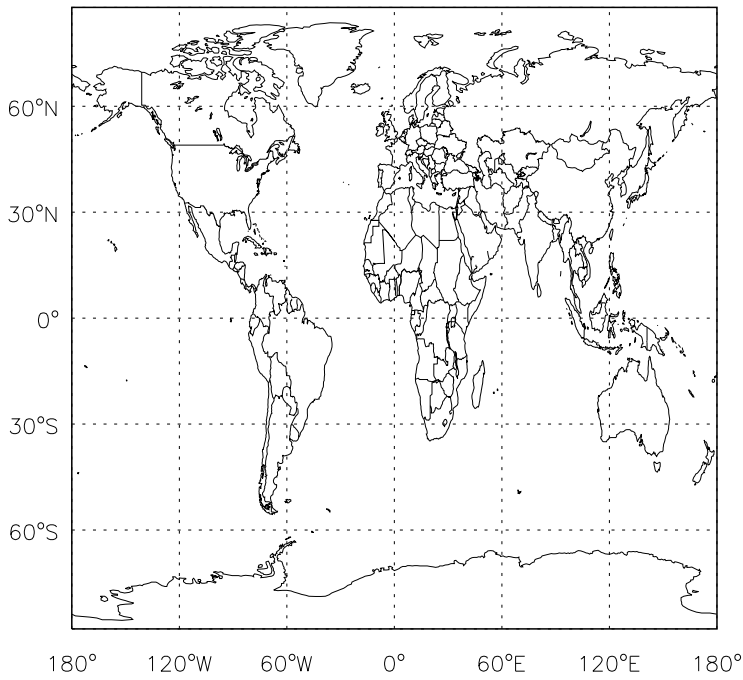
NIT - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

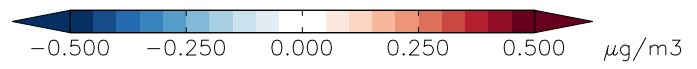
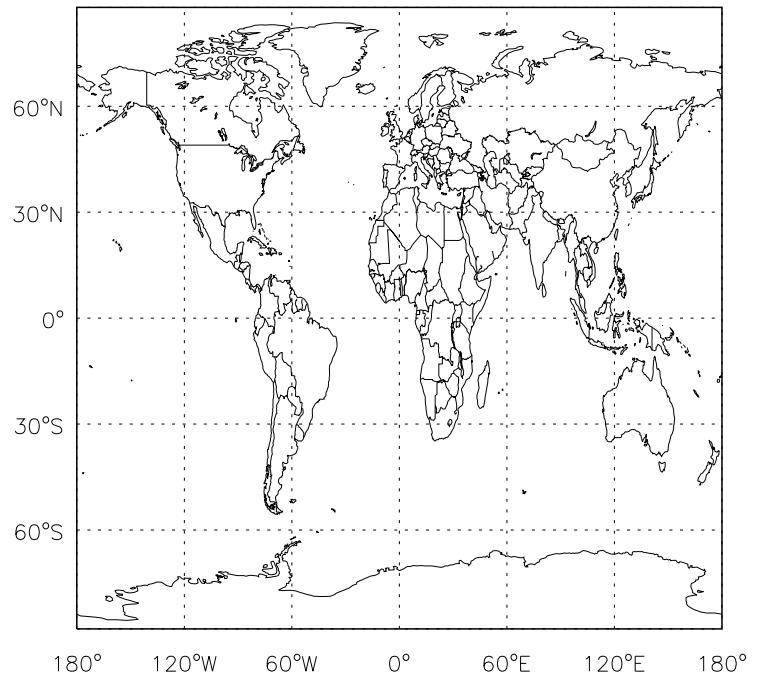
v11-01g-Run0 - v11-01f-geosfp-Run0

NITs - Diff @ Surface for Jul



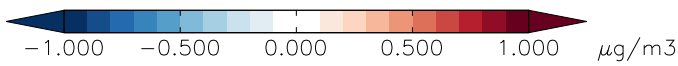
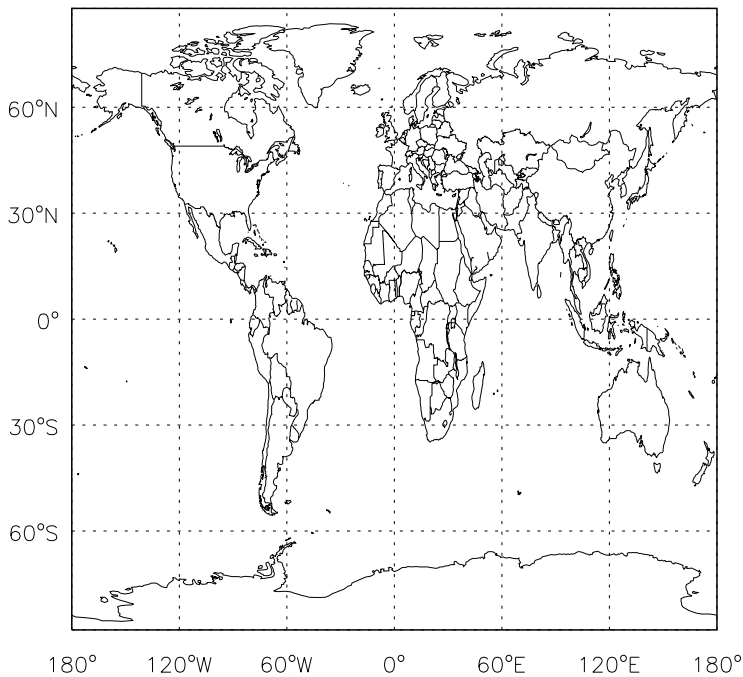
v11-01g-Run0 - v11-01f-geosfp-Run0

NITs- Diff @ 500 hPa for Jul



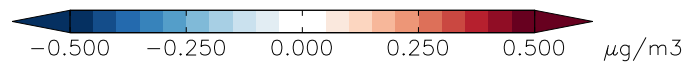
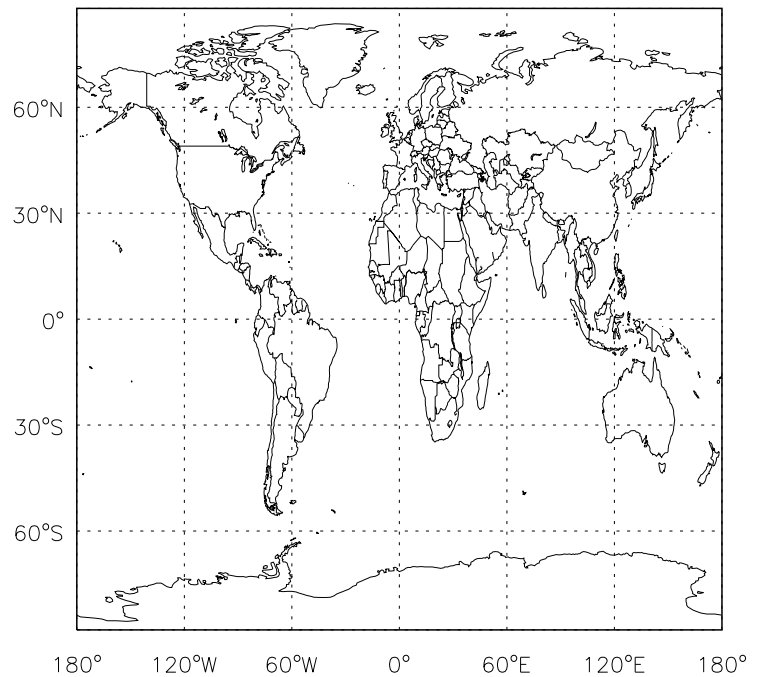
v11-01g-Run0 - v11-01d-Run1

NITs - Diff @ Surface for Jul



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

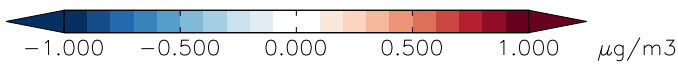
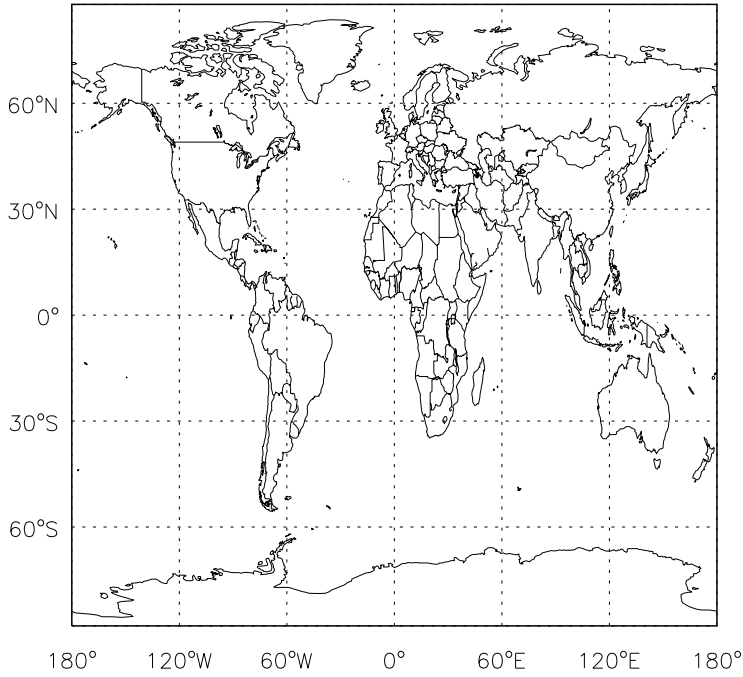
NITs- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

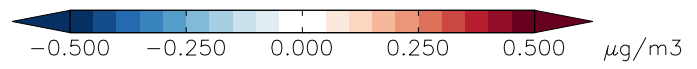
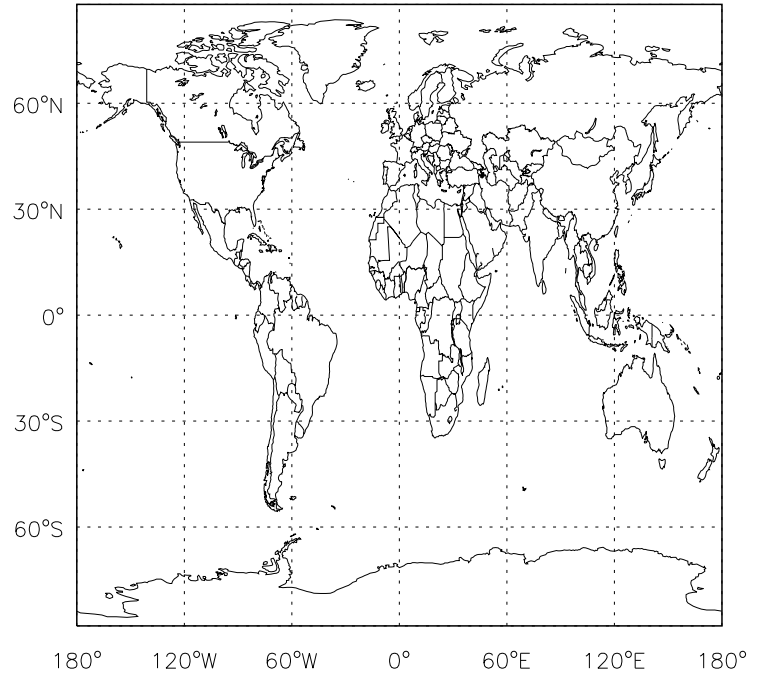
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPI - Diff @ Surface for Jul



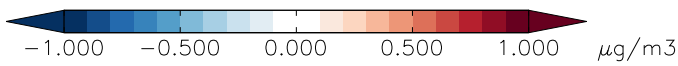
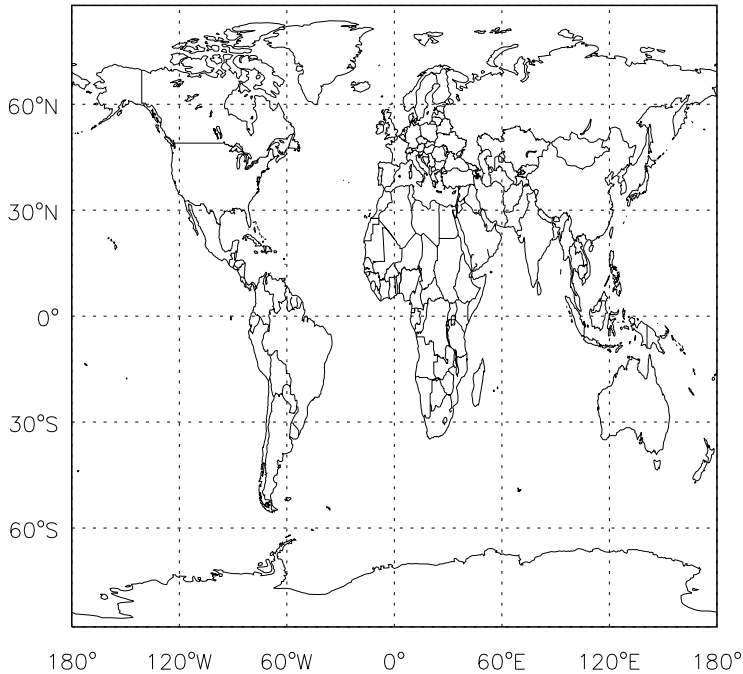
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPI- Diff @ 500 hPa for Jul



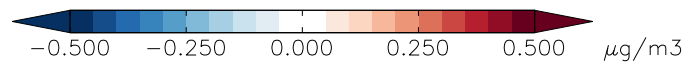
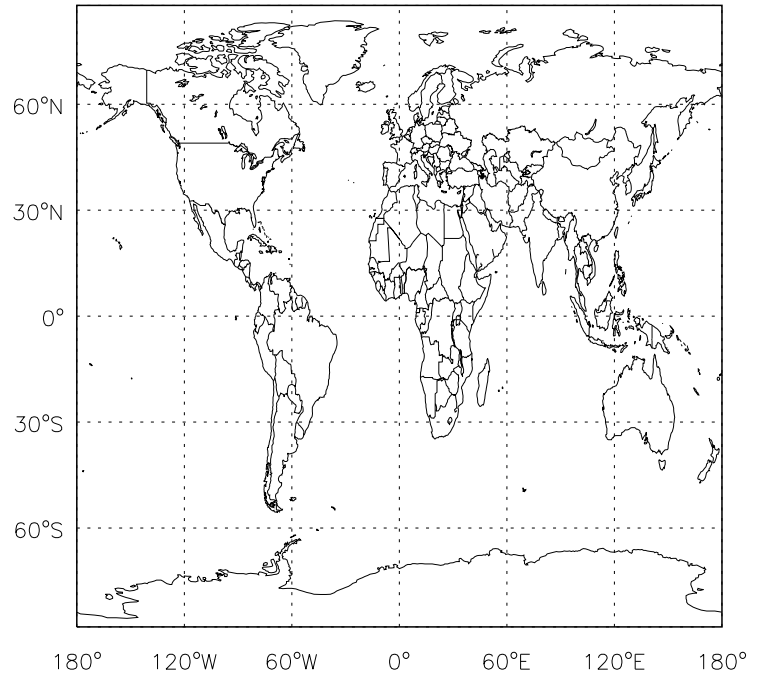
v11-01g-Run0 - v11-01d-Run1

BCPI - Diff @ Surface for Jul



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

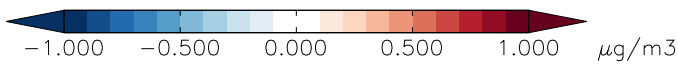
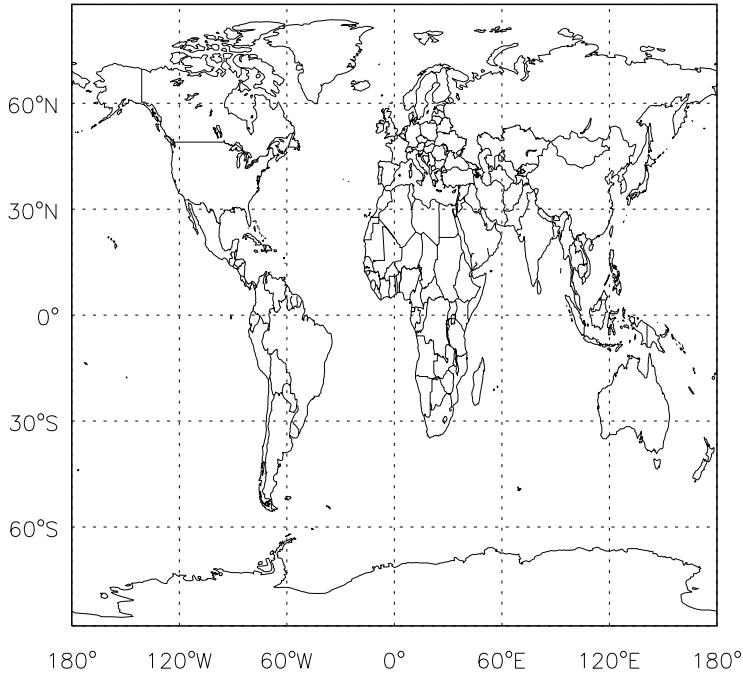
BCPI- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

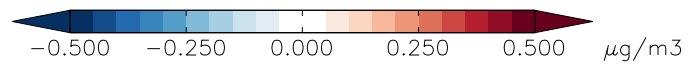
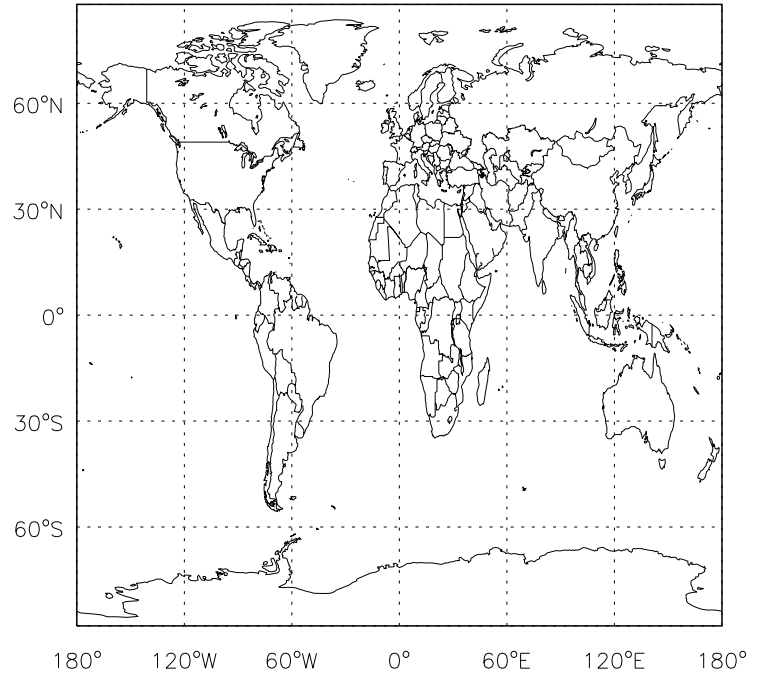
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPI - Diff @ Surface for Jul



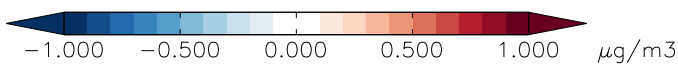
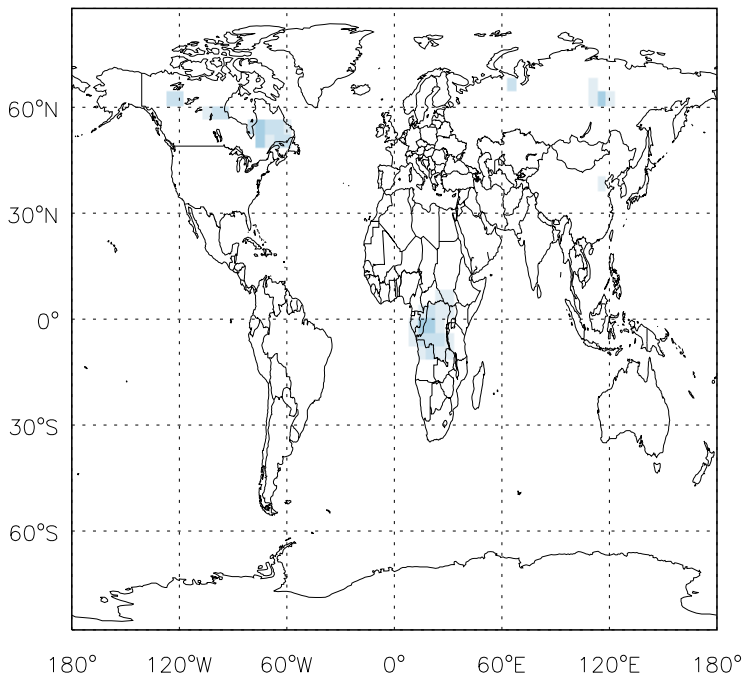
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPI- Diff @ 500 hPa for Jul



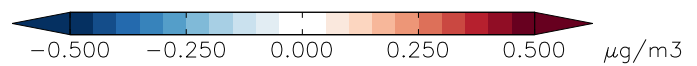
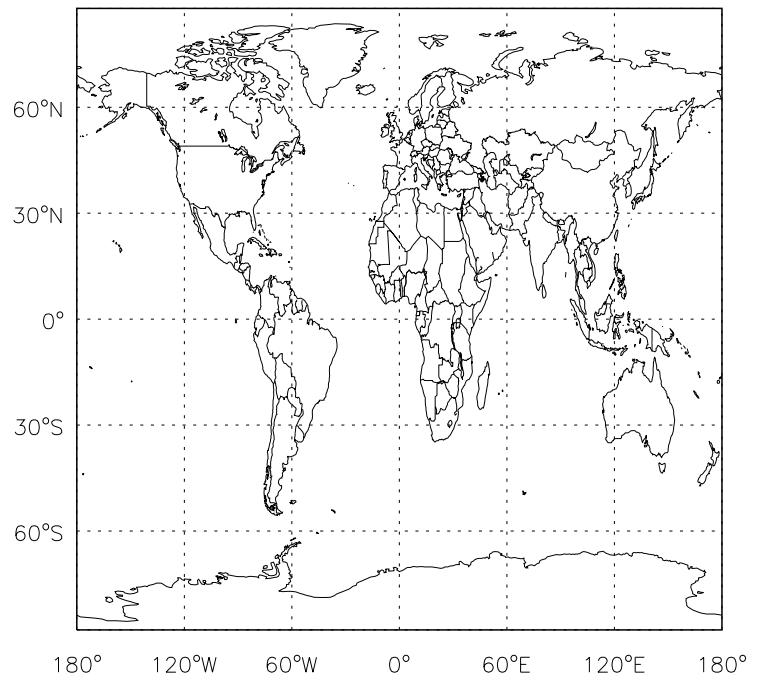
v11-01g-Run0 - v11-01d-Run1

OCPI - Diff @ Surface for Jul



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

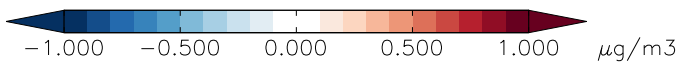
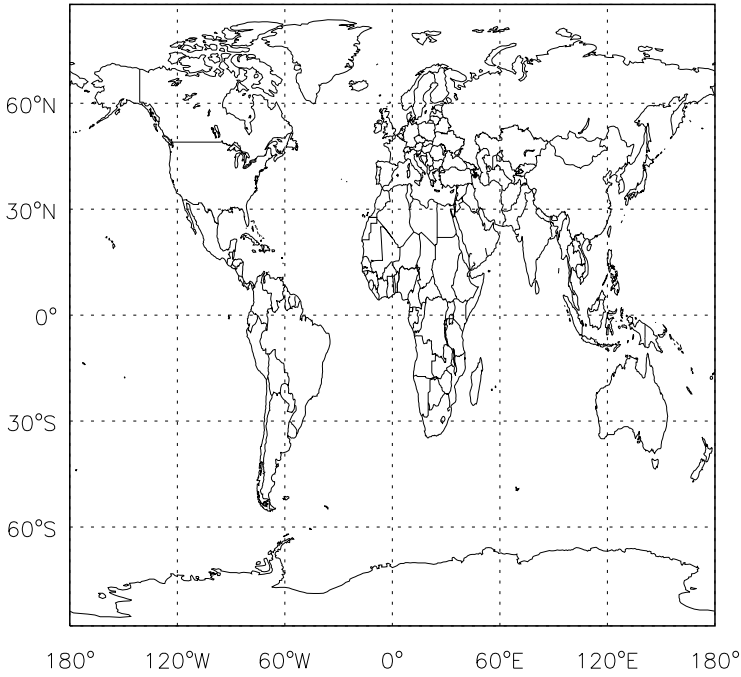
OCPI- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

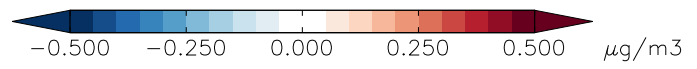
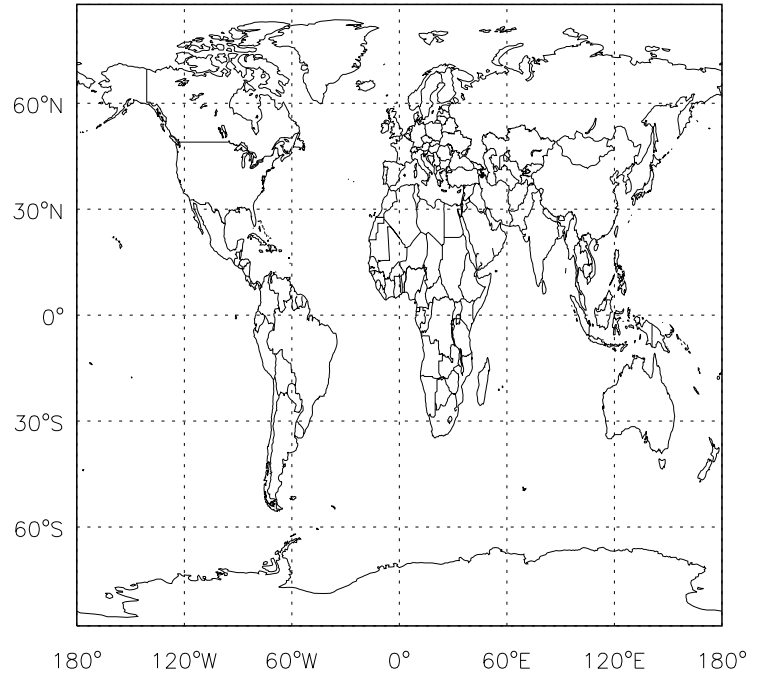
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPO - Diff @ Surface for Jul



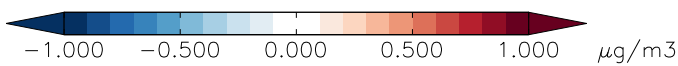
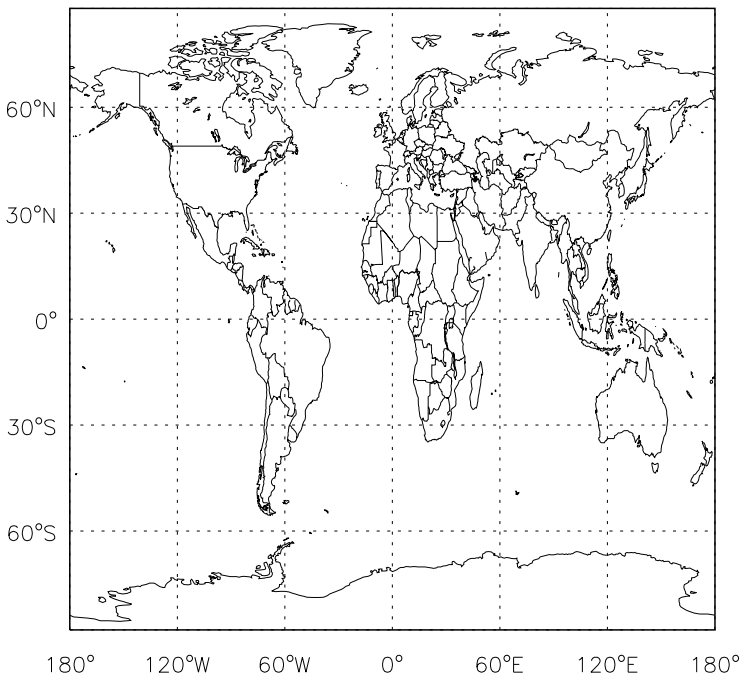
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPO - Diff @ 500 hPa for Jul



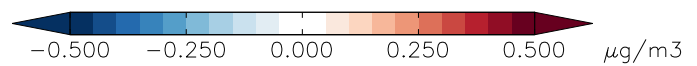
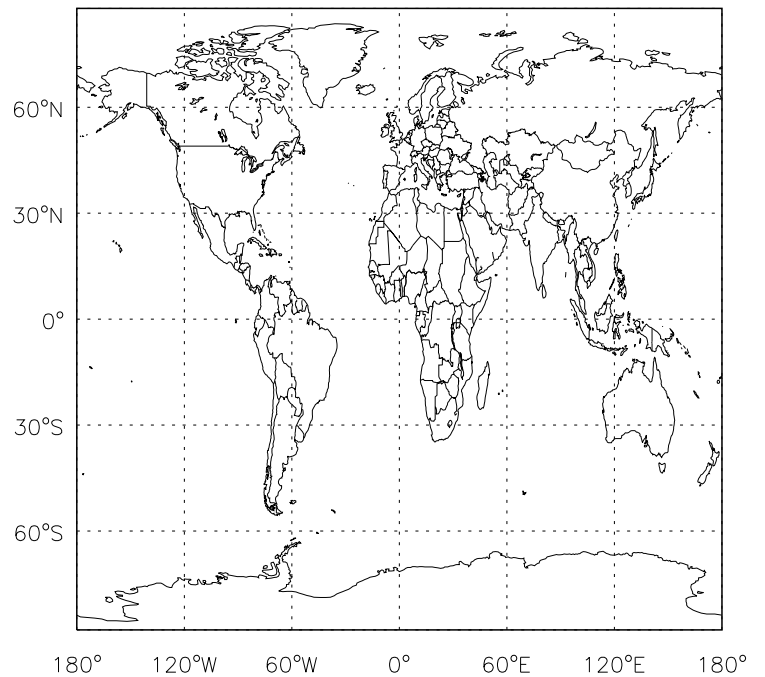
v11-01g-Run0 - v11-01d-Run1

BCPO - Diff @ Surface for Jul



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

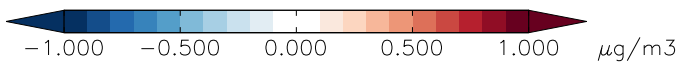
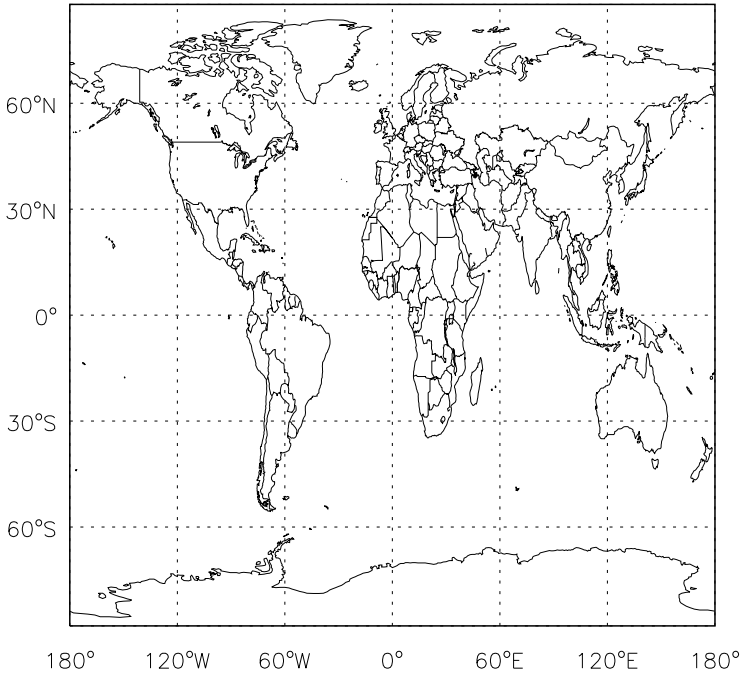
BCPO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

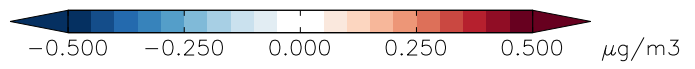
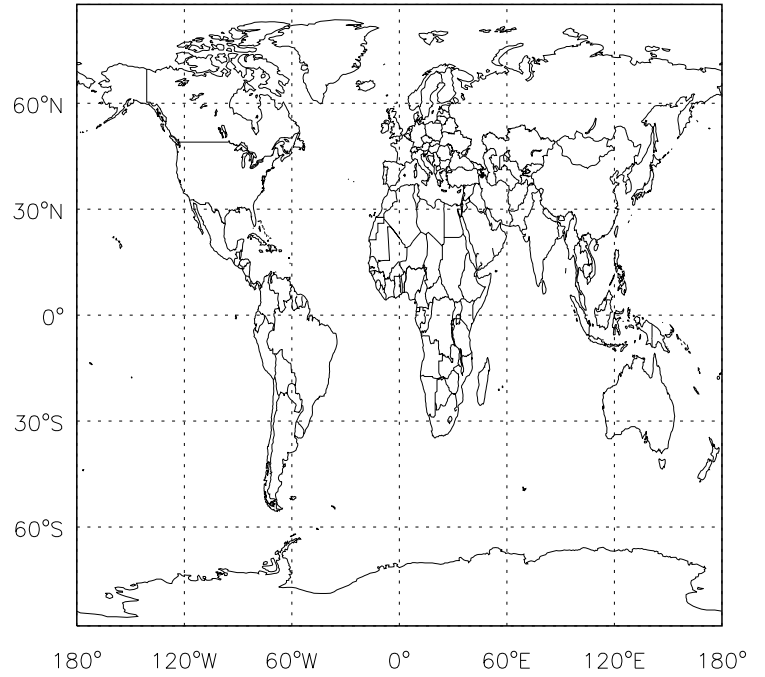
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPO - Diff @ Surface for Jul



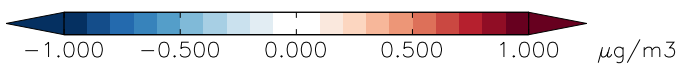
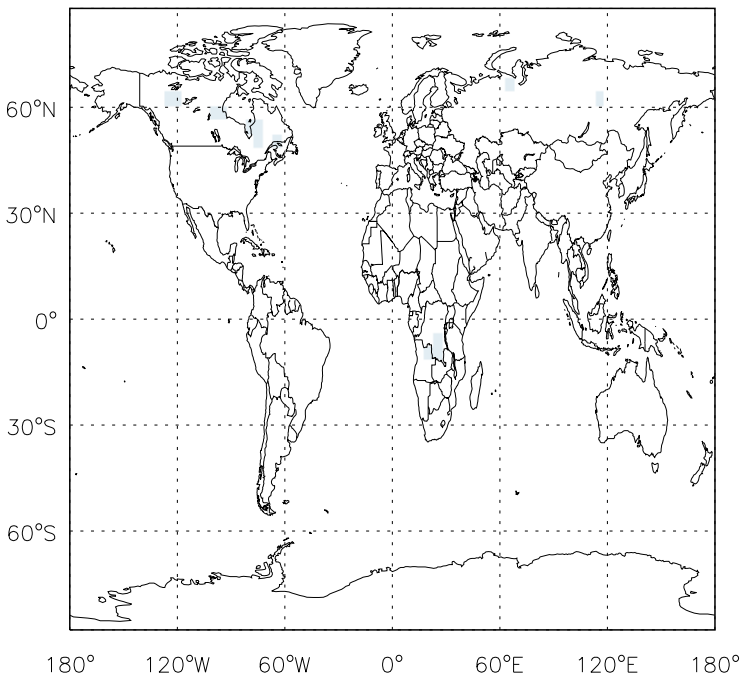
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPO - Diff @ 500 hPa for Jul



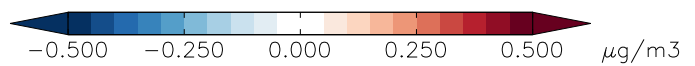
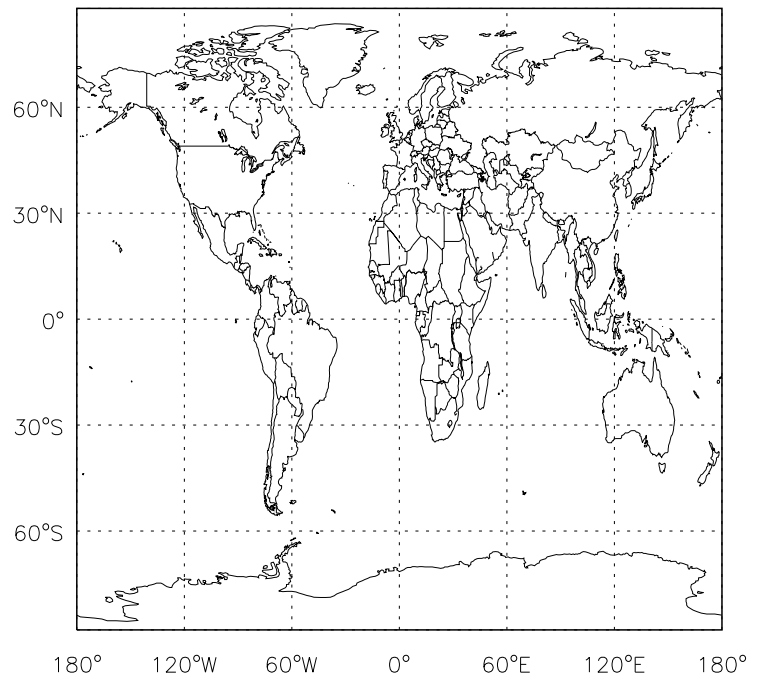
v11-01g-Run0 - v11-01d-Run1

OCPO - Diff @ Surface for Jul



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

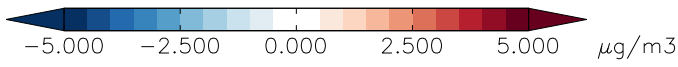
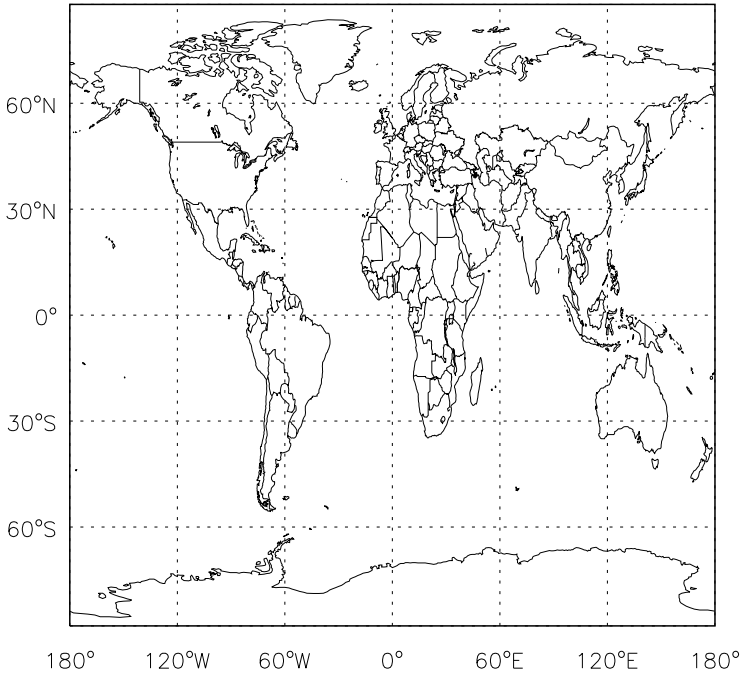
OCPO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

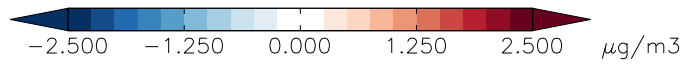
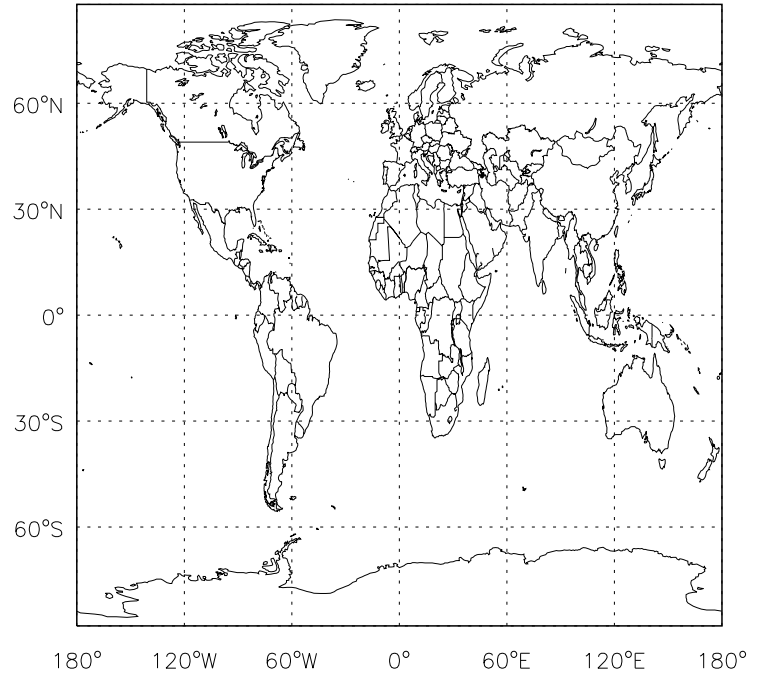
v11-01g-Run0 - v11-01f-geosfp-Run0

DST1 - Diff @ Surface for Jul



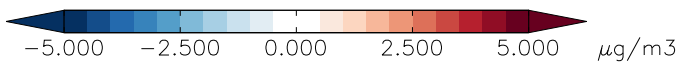
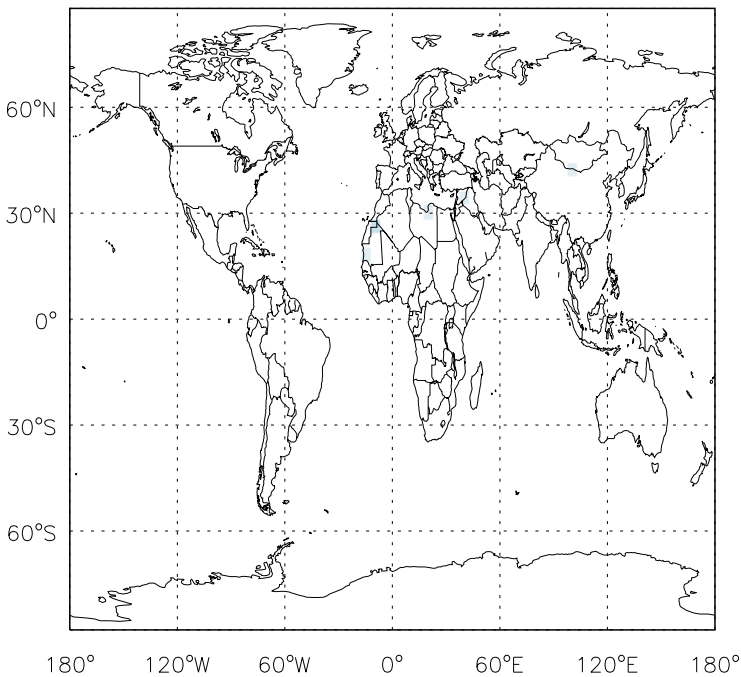
v11-01g-Run0 - v11-01f-geosfp-Run0

DST1- Diff @ 500 hPa for Jul



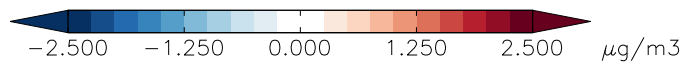
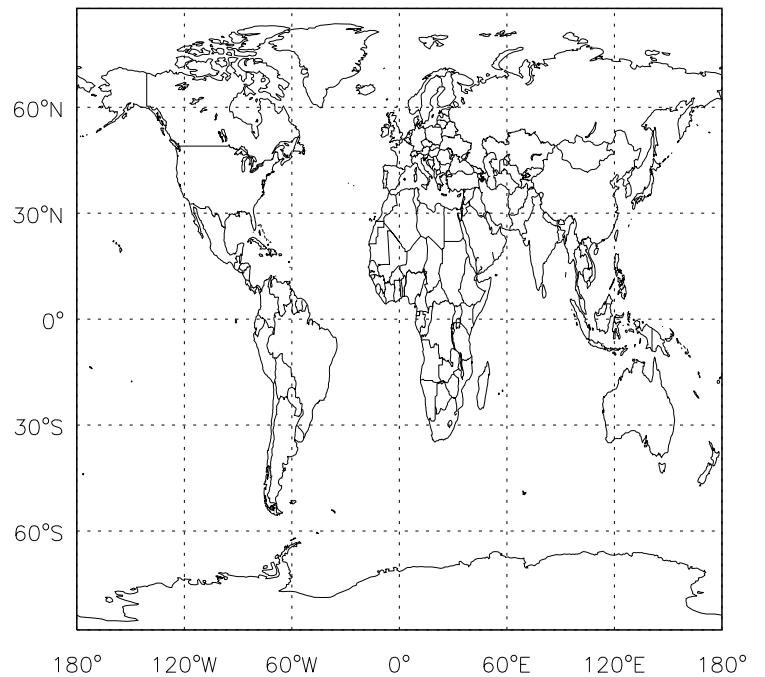
v11-01g-Run0 - v11-01d-Run1

DST1 - Diff @ Surface for Jul



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

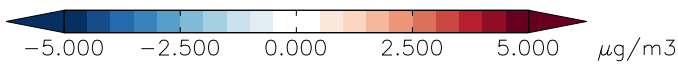
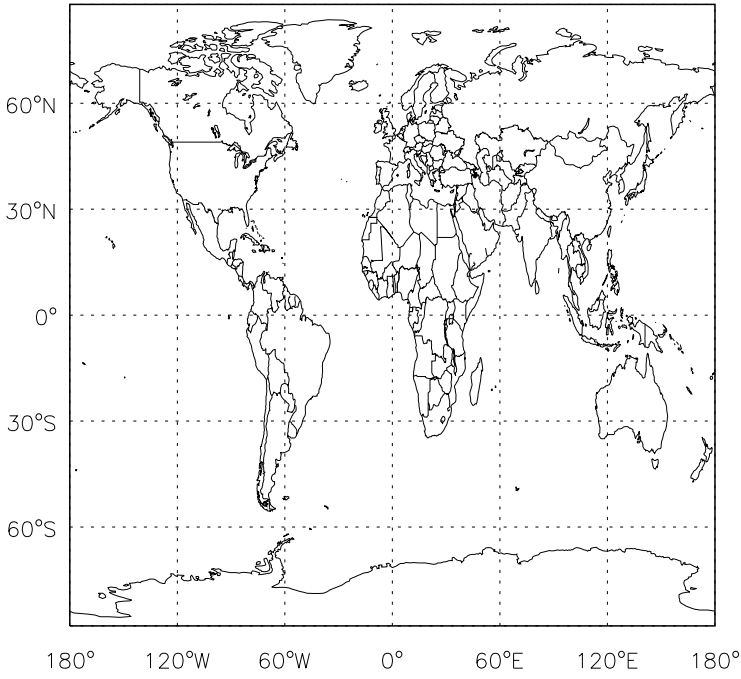
DST1- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

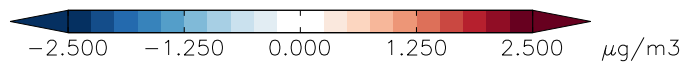
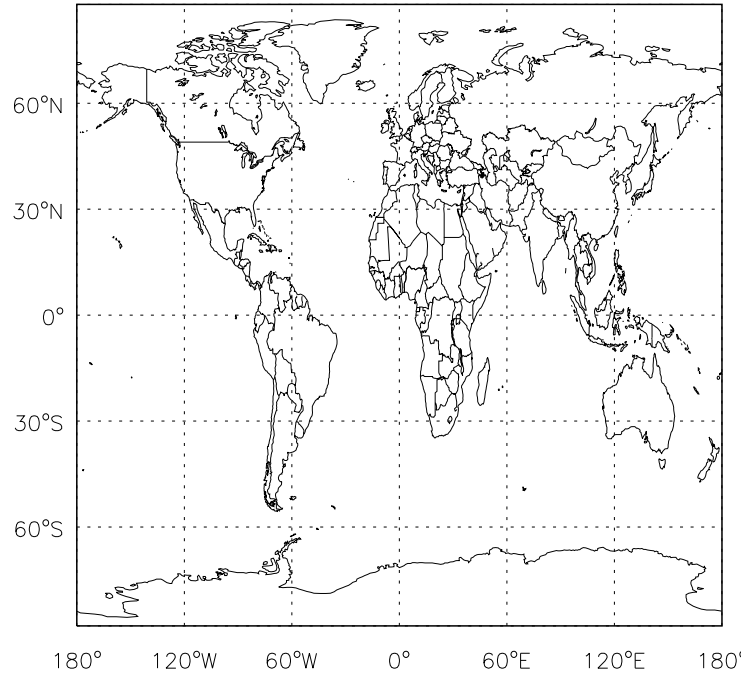
v11-01g-Run0 - v11-01f-geosfp-Run0

DST2 - Diff @ Surface for Jul



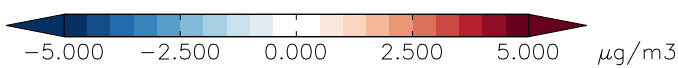
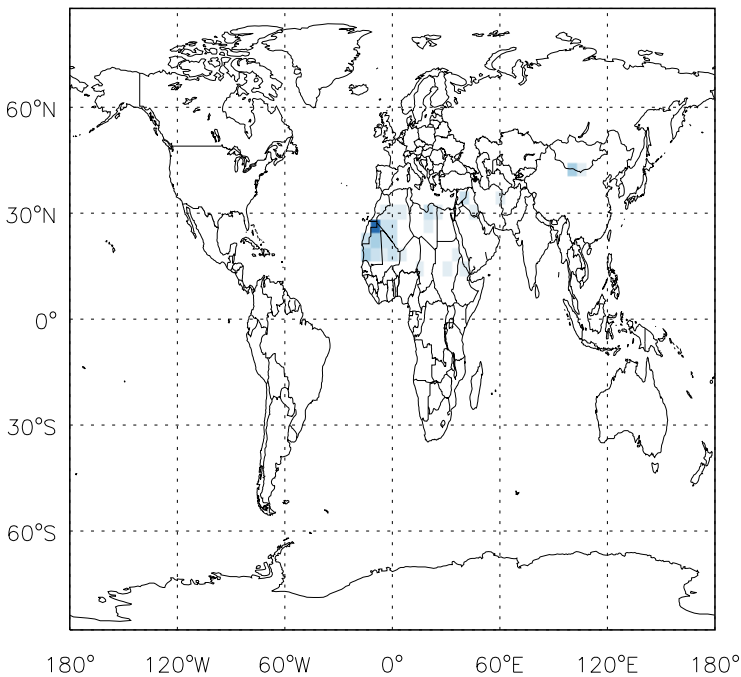
v11-01g-Run0 - v11-01f-geosfp-Run0

DST2- Diff @ 500 hPa for Jul



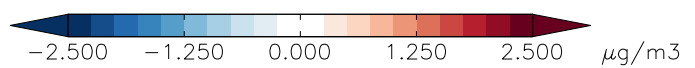
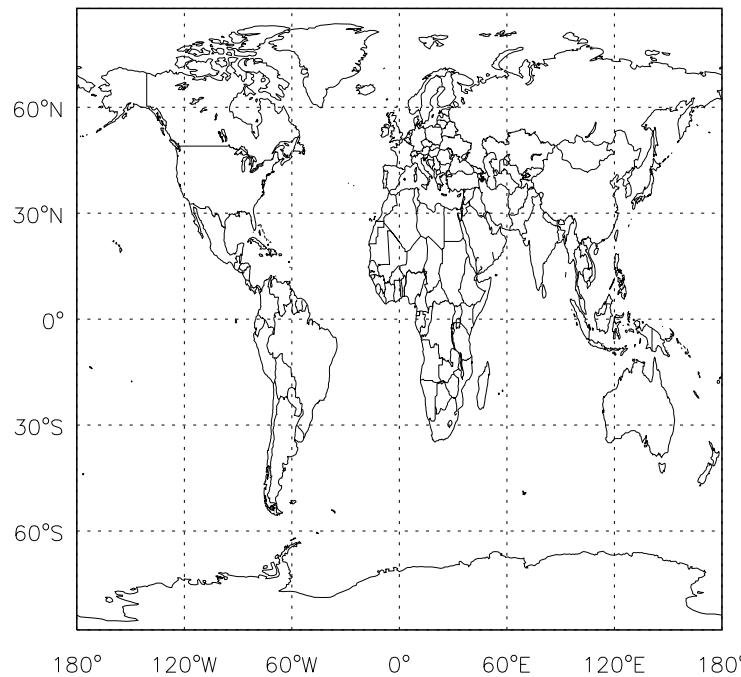
v11-01g-Run0 - v11-01d-Run1

DST2 - Diff @ Surface for Jul



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

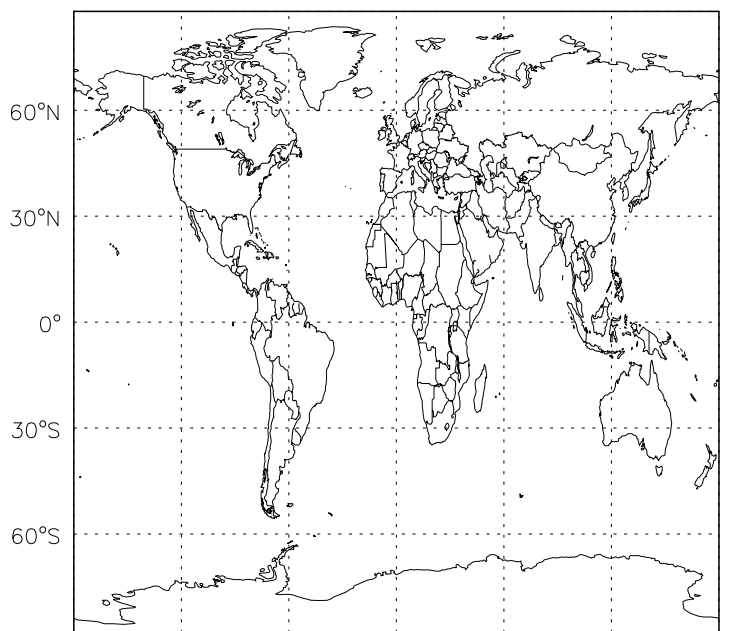
DST2- Diff @ 500 hPa for Jul



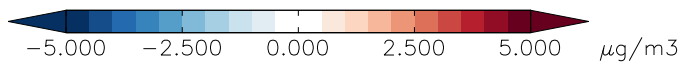
GEOS-Chem Difference Maps at surface and 500 hPa

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

DST3 - Diff @ Surface for Jul

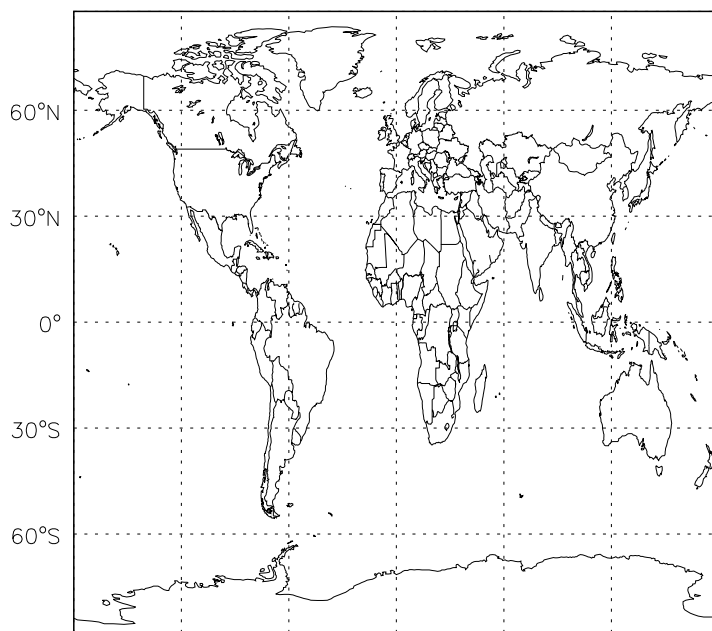


180° 120°W 60°W 0° 60°E 120°E 180°

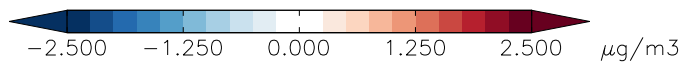


v11-01g-Run0 - v11-01f-geosfp-Run0

DST3- Diff @ 500 hPa for Jul

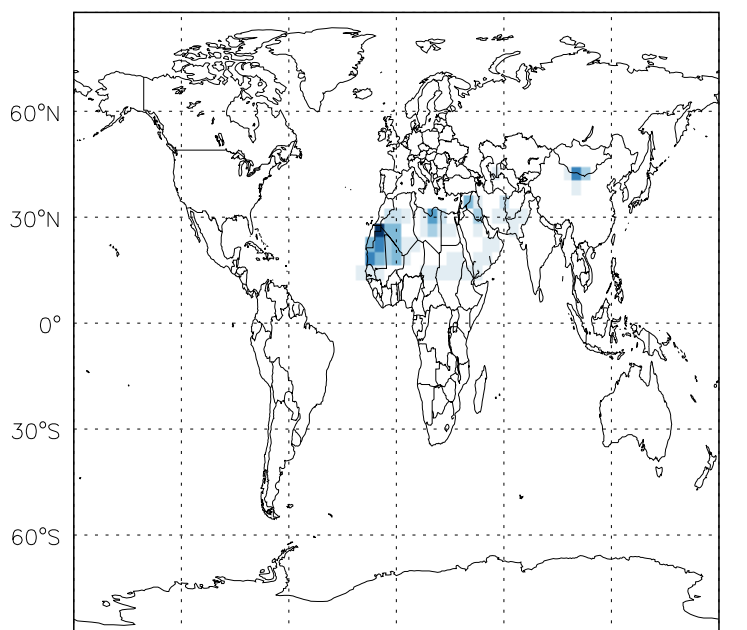


180° 120°W 60°W 0° 60°E 120°E 180°

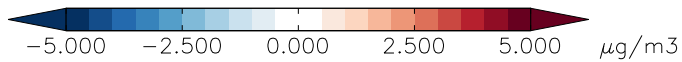


v11-01g-Run0 - v11-01d-Run1

DST3 - Diff @ Surface for Jul

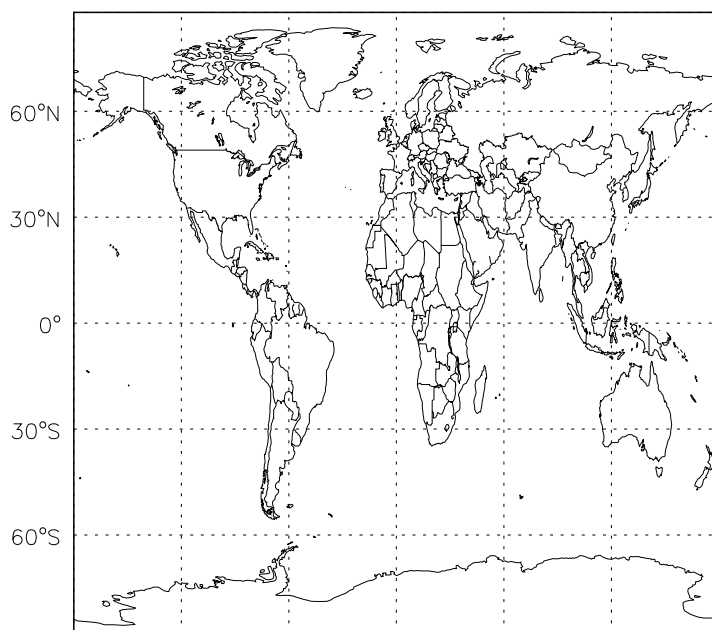


180° 120°W 60°W 0° 60°E 120°E 180°

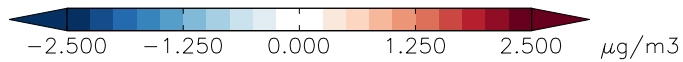


v11-01g-Run0 - v11-01d-Run1

DST3- Diff @ 500 hPa for Jul



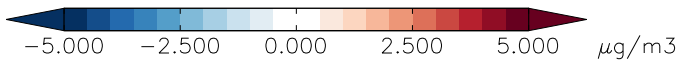
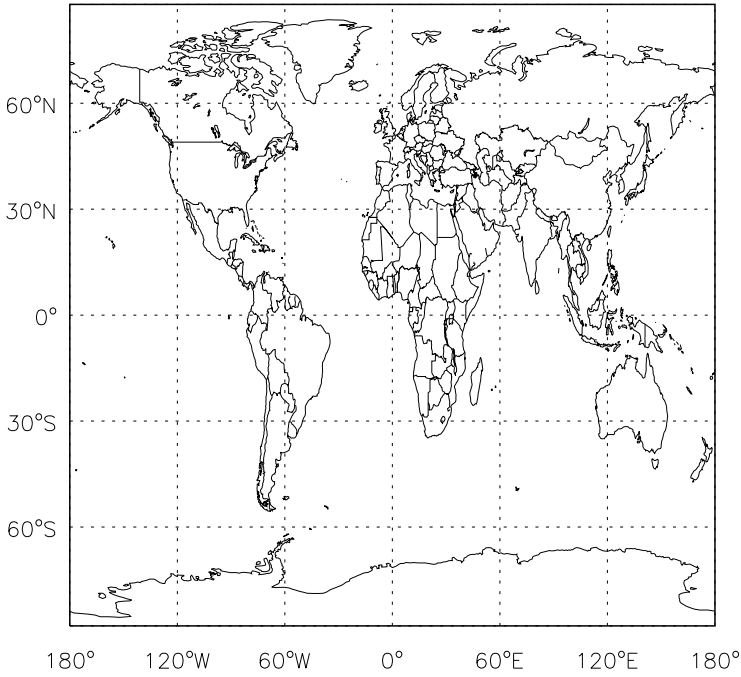
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

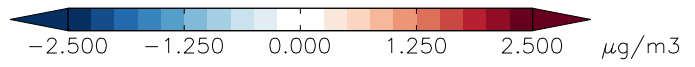
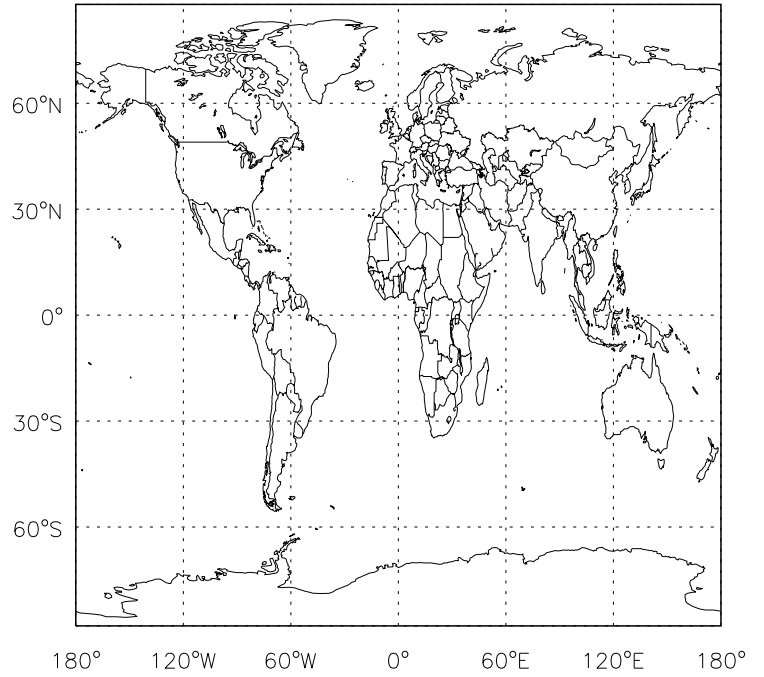
v11-01g-Run0 - v11-01f-geosfp-Run0

DST4 - Diff @ Surface for Jul



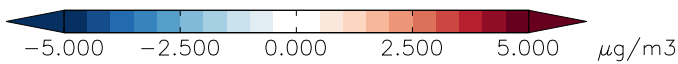
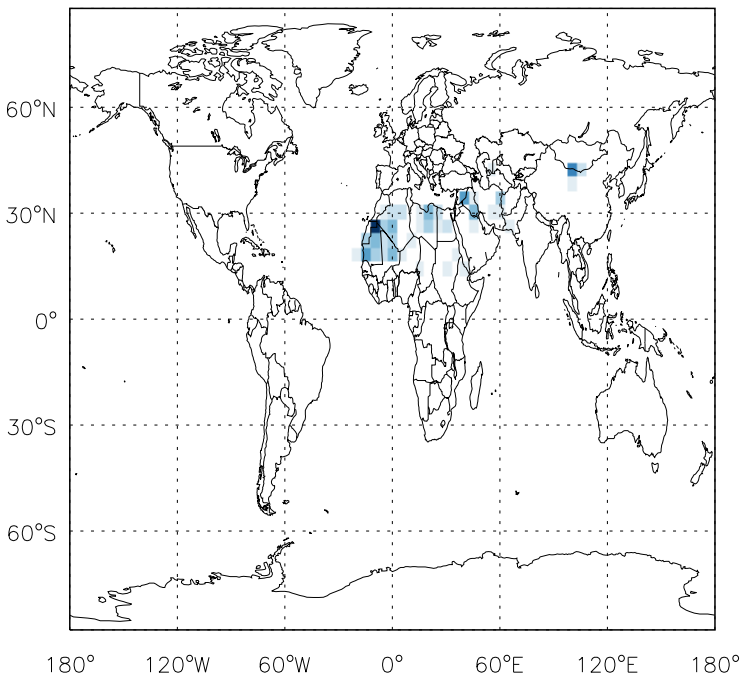
v11-01g-Run0 - v11-01f-geosfp-Run0

DST4- Diff @ 500 hPa for Jul



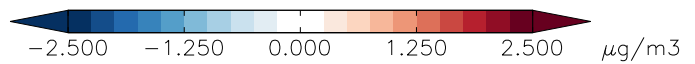
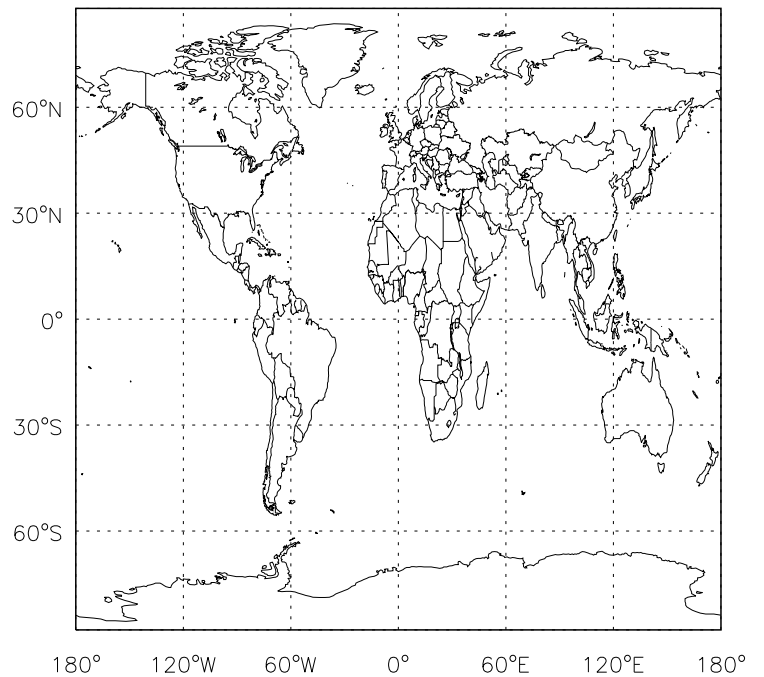
v11-01g-Run0 - v11-01d-Run1

DST4 - Diff @ Surface for Jul



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

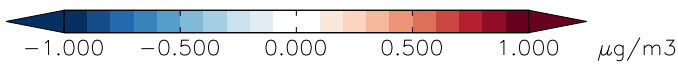
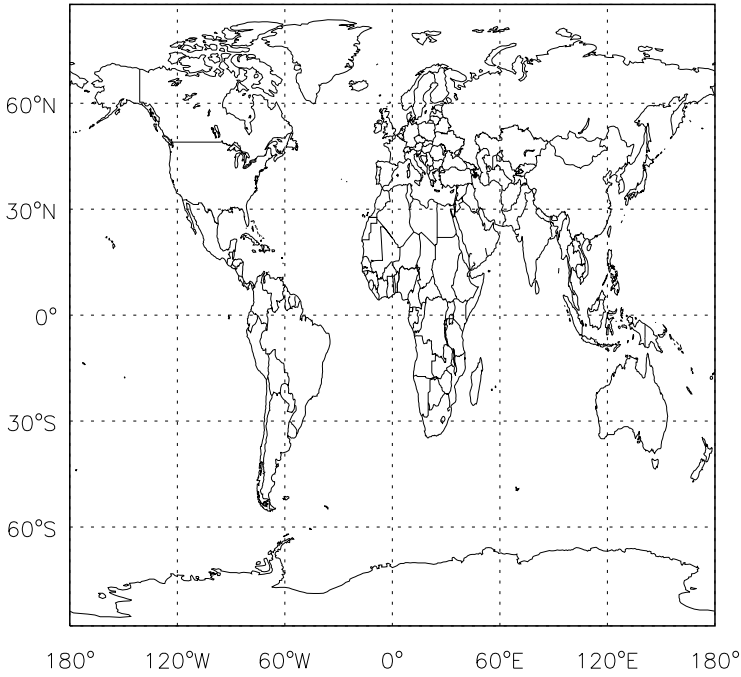
DST4- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

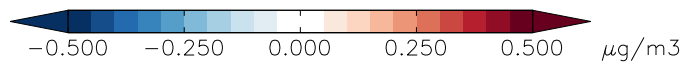
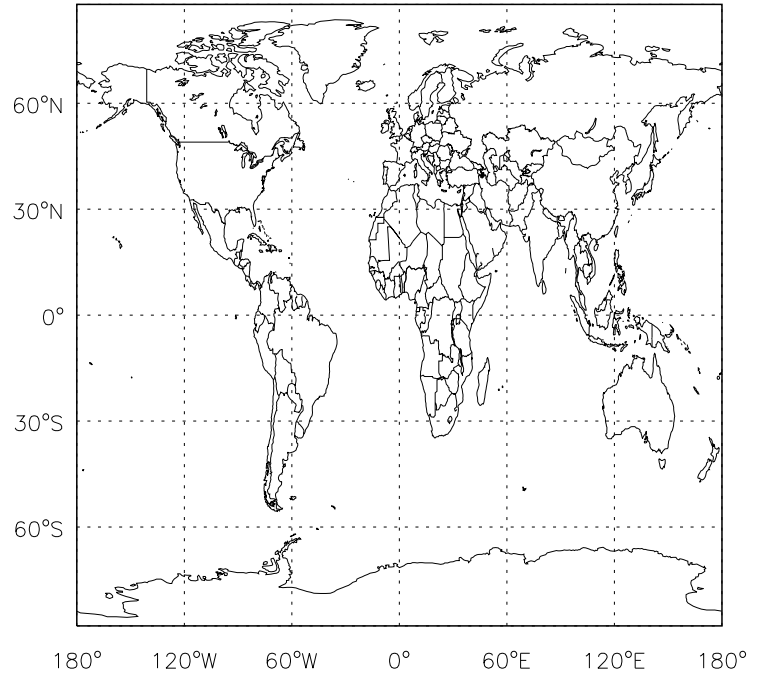
v11-01g-Run0 - v11-01f-geosfp-Run0

SALA - Diff @ Surface for Jul



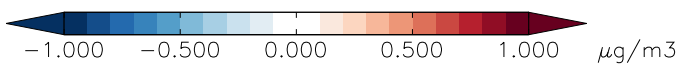
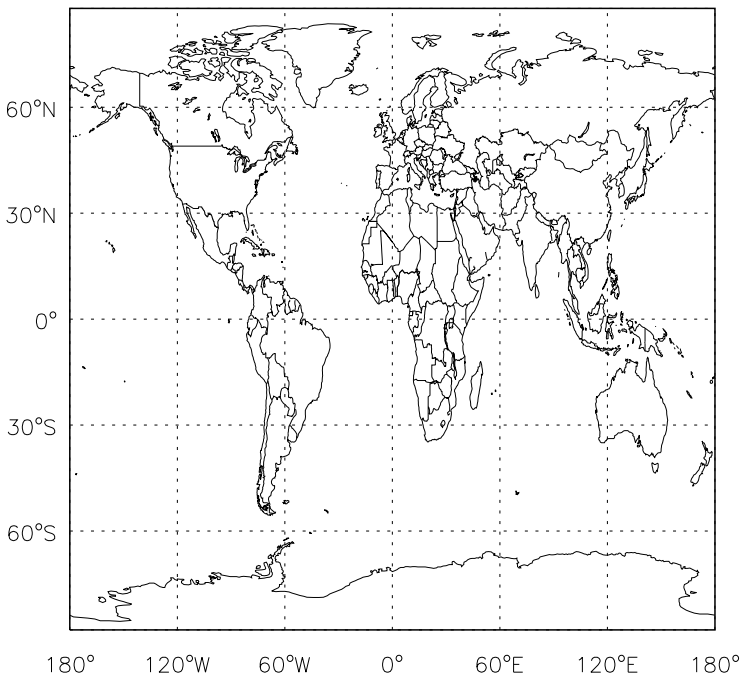
v11-01g-Run0 - v11-01f-geosfp-Run0

SALA - Diff @ 500 hPa for Jul



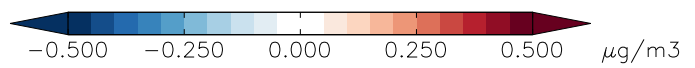
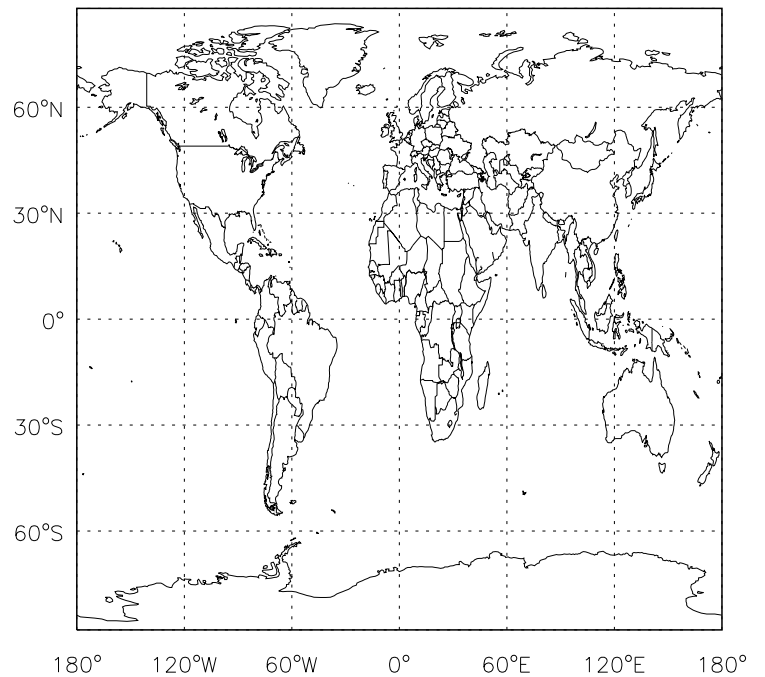
v11-01g-Run0 - v11-01d-Run1

SALA - Diff @ Surface for Jul



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

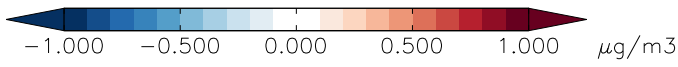
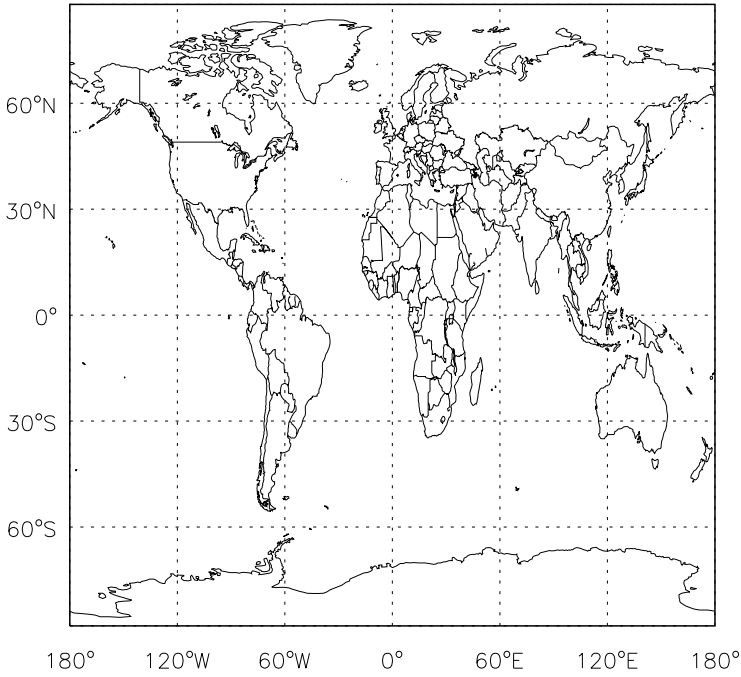
SALA - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

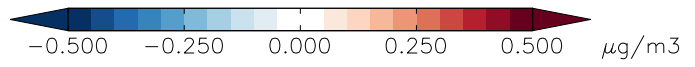
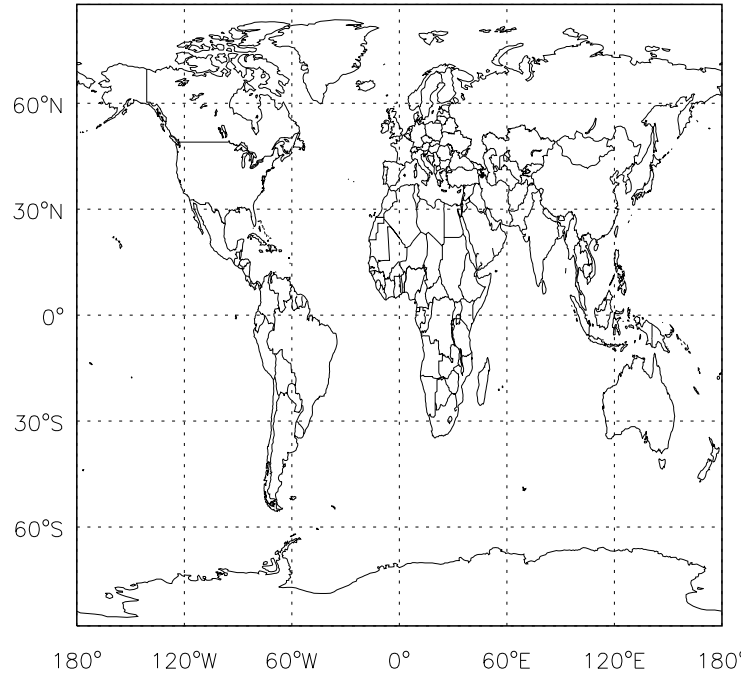
v11-01g-Run0 - v11-01f-geosfp-Run0

SALC - Diff @ Surface for Jul



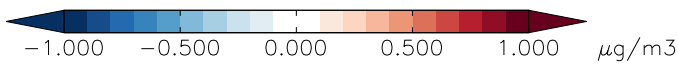
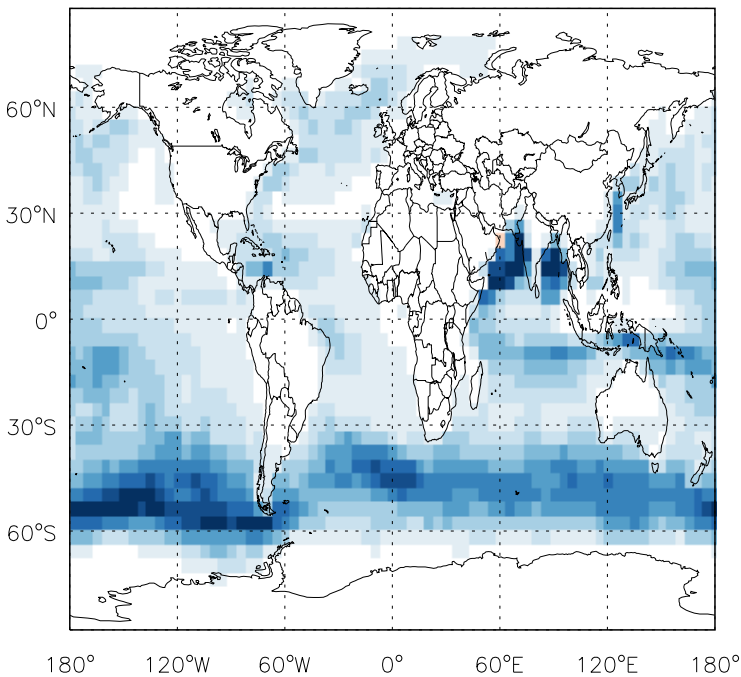
v11-01g-Run0 - v11-01f-geosfp-Run0

SALC - Diff @ 500 hPa for Jul



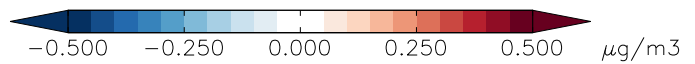
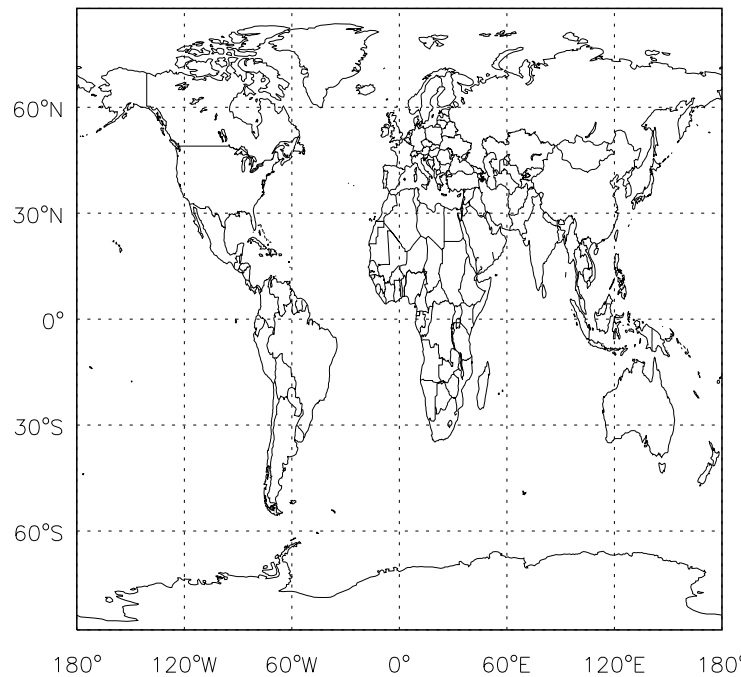
v11-01g-Run0 - v11-01d-Run1

SALC - Diff @ Surface for Jul



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

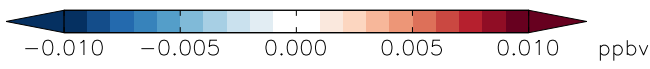
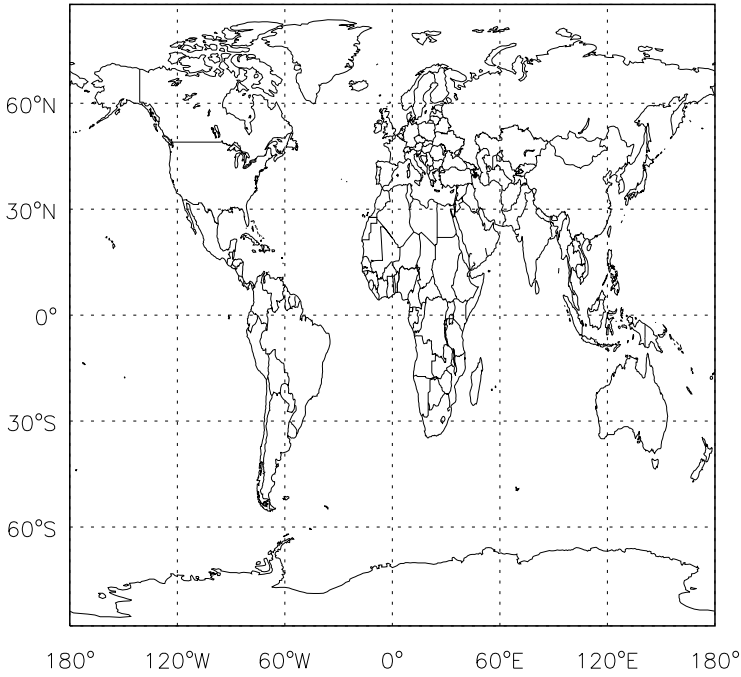
SALC - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

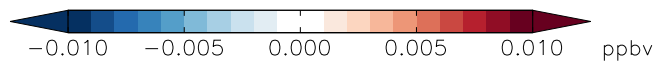
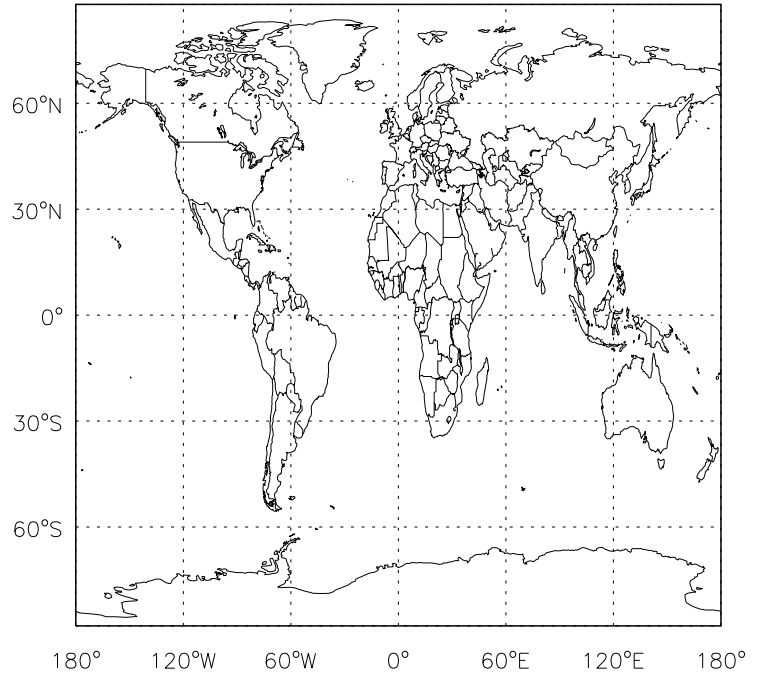
v11-01g-Run0 - v11-01f-geosfp-Run0

Br2 - Diff @ Surface for Jul



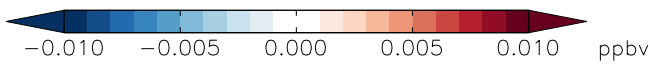
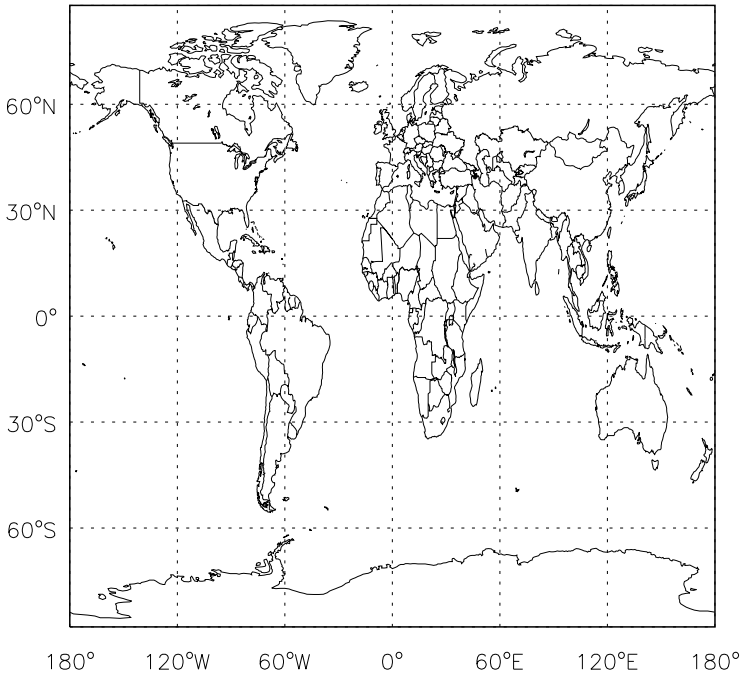
v11-01g-Run0 - v11-01f-geosfp-Run0

Br2- Diff @ 500 hPa for Jul



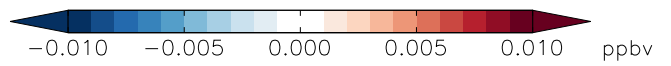
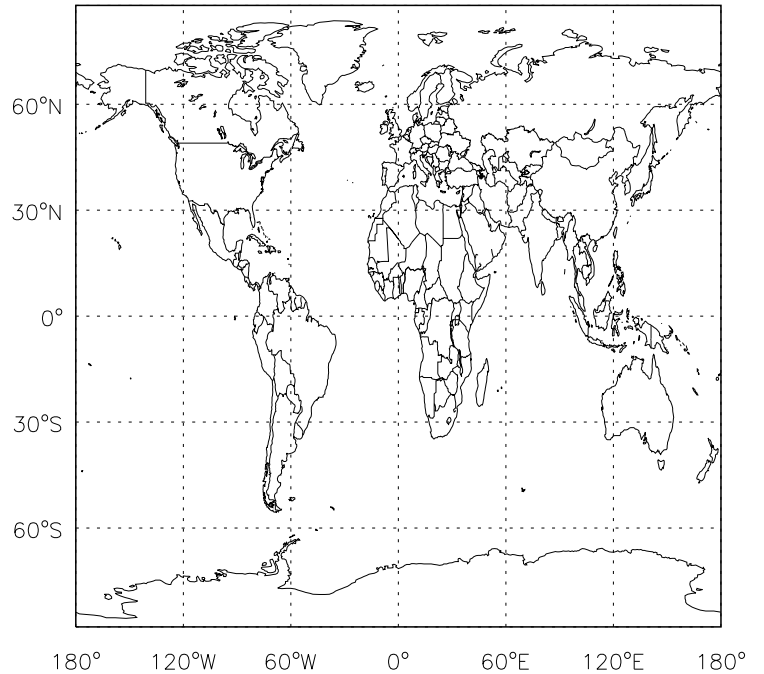
v11-01g-Run0 - v11-01d-Run1

Br2 - Diff @ Surface for Jul



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

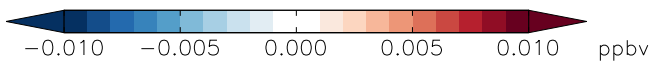
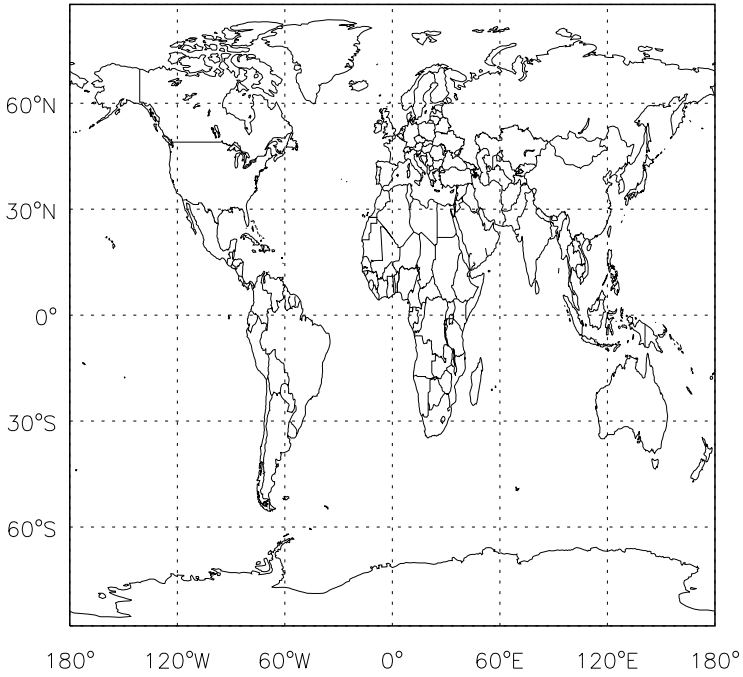
Br2- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

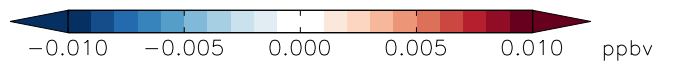
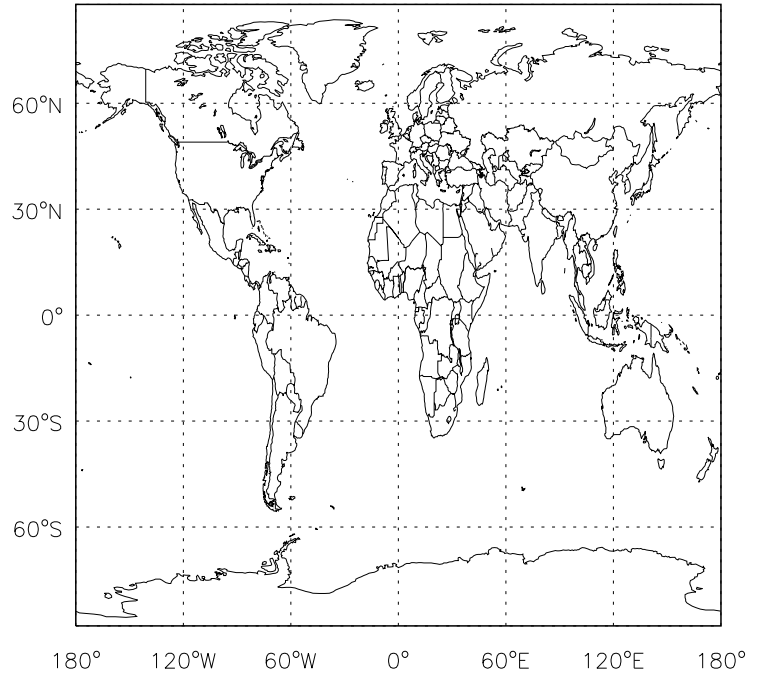
v11-01g-Run0 - v11-01f-geosfp-Run0

Br - Diff @ Surface for Jul



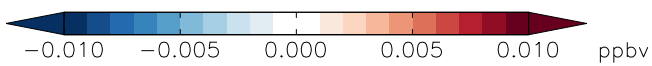
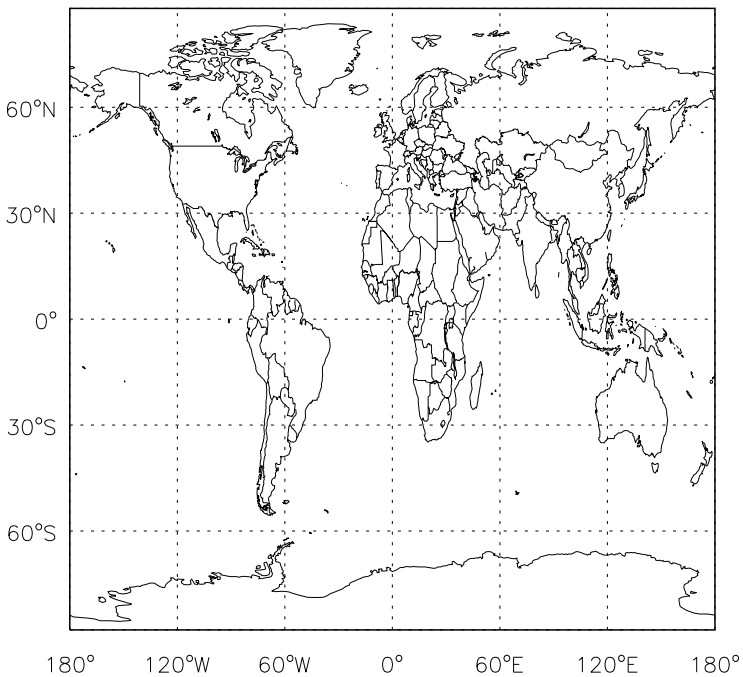
v11-01g-Run0 - v11-01f-geosfp-Run0

Br- Diff @ 500 hPa for Jul



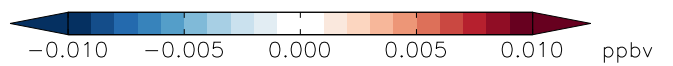
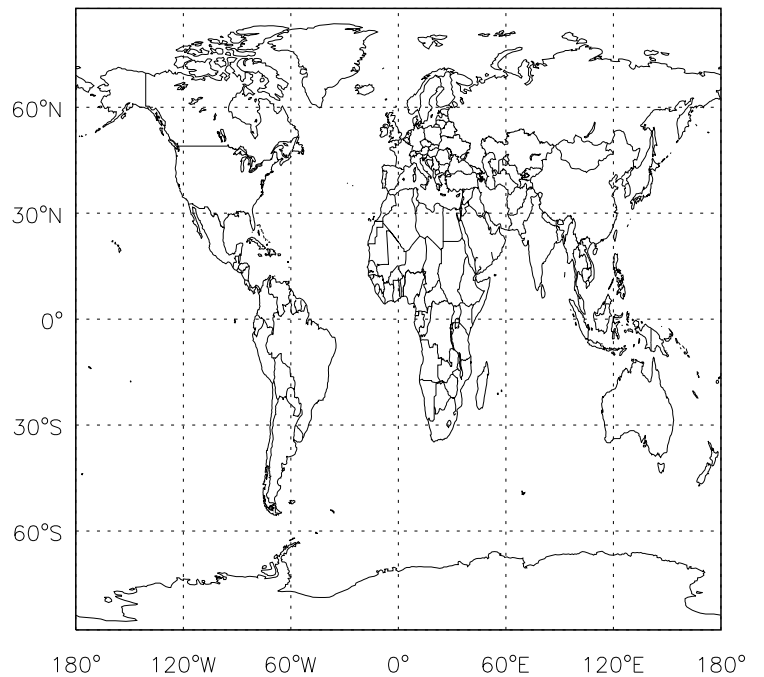
v11-01g-Run0 - v11-01d-Run1

Br - Diff @ Surface for Jul



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

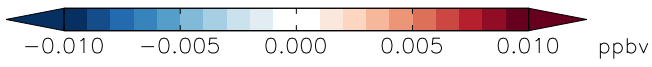
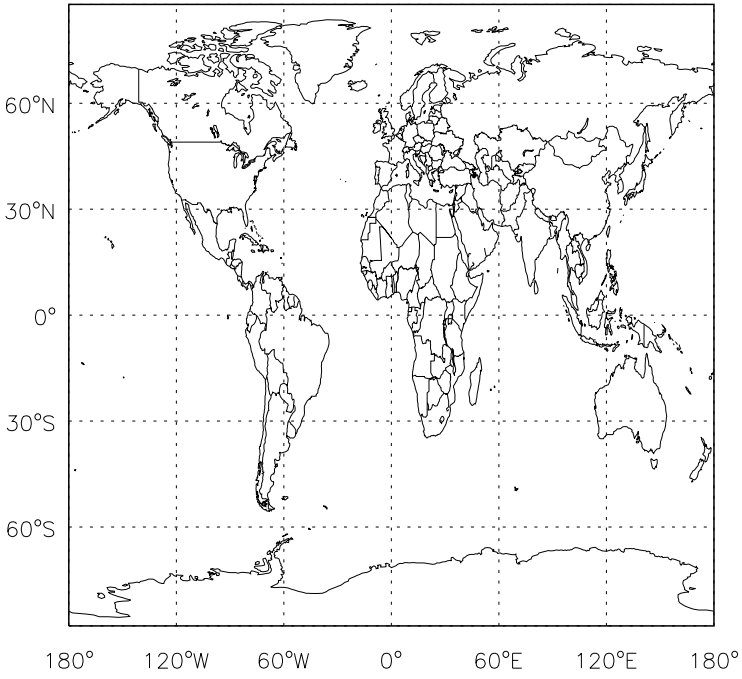
Br- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

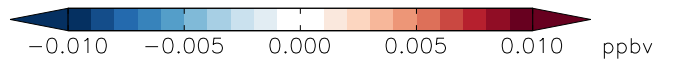
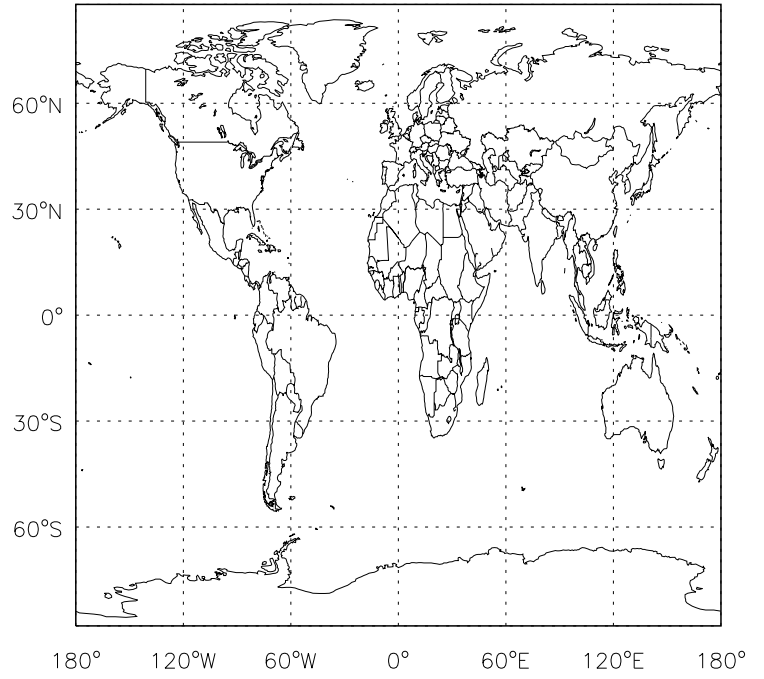
v11-01g-Run0 - v11-01f-geosfp-Run0

BrO - Diff @ Surface for Jul



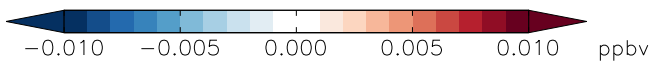
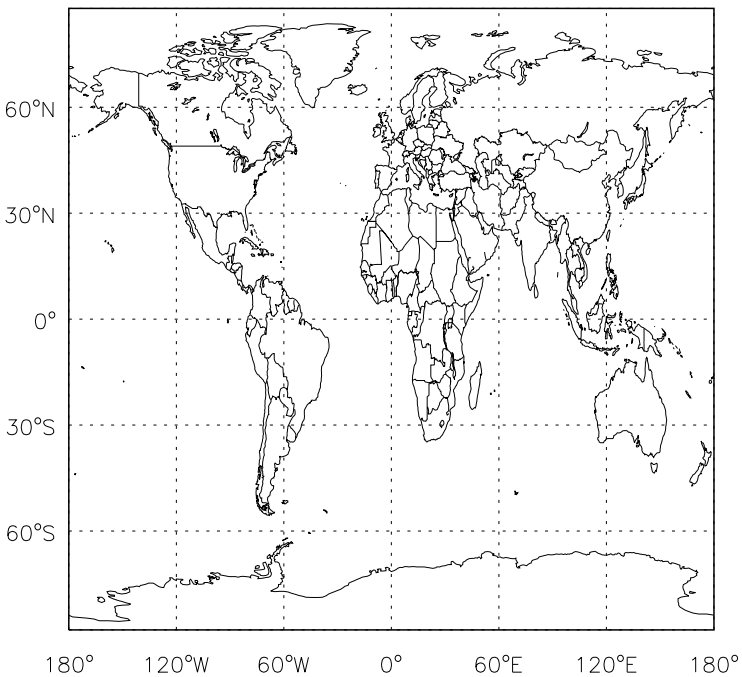
v11-01g-Run0 - v11-01f-geosfp-Run0

BrO - Diff @ 500 hPa for Jul



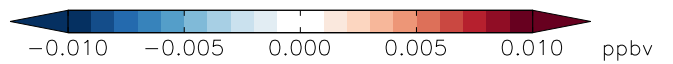
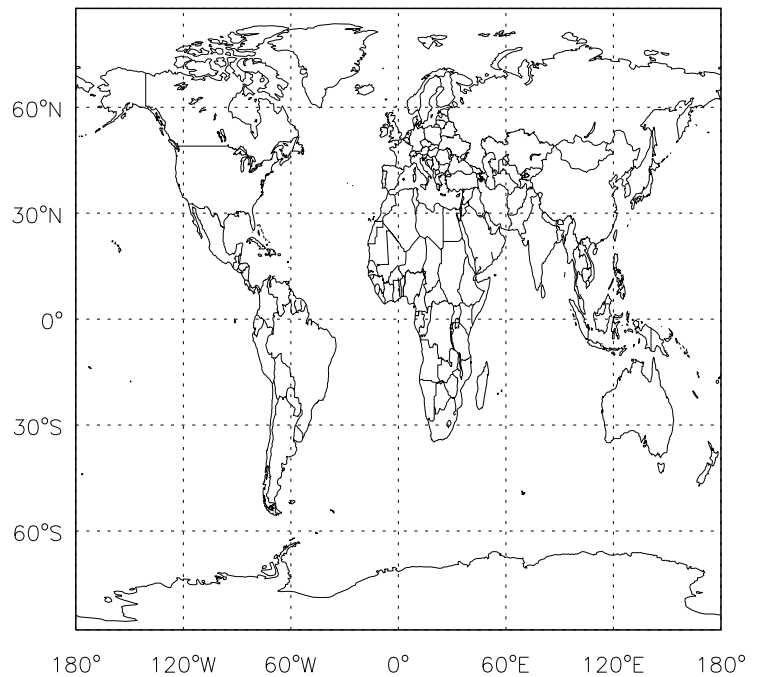
v11-01g-Run0 - v11-01d-Run1

BrO - Diff @ Surface for Jul



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

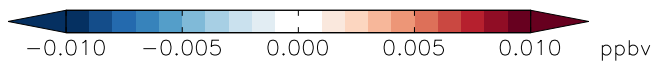
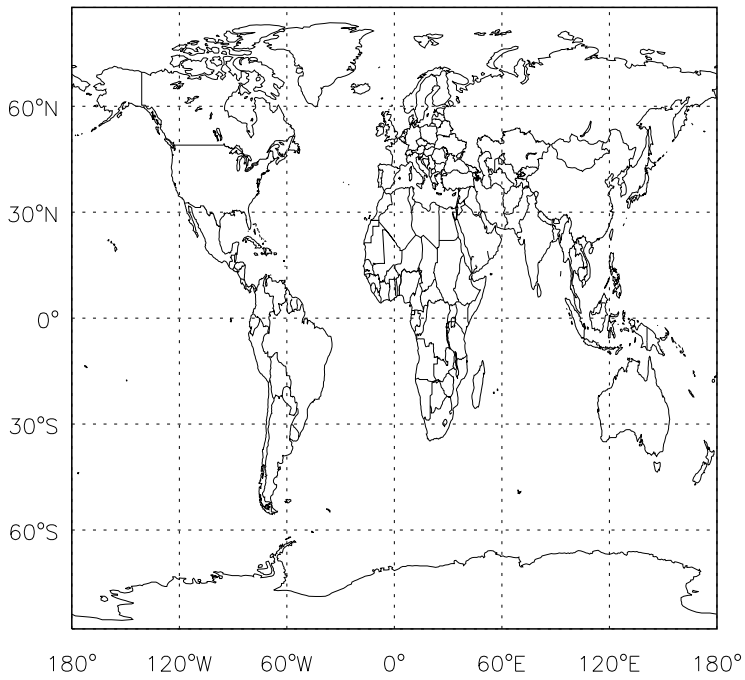
BrO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

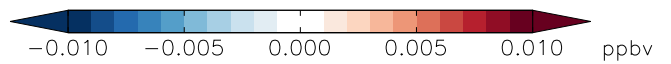
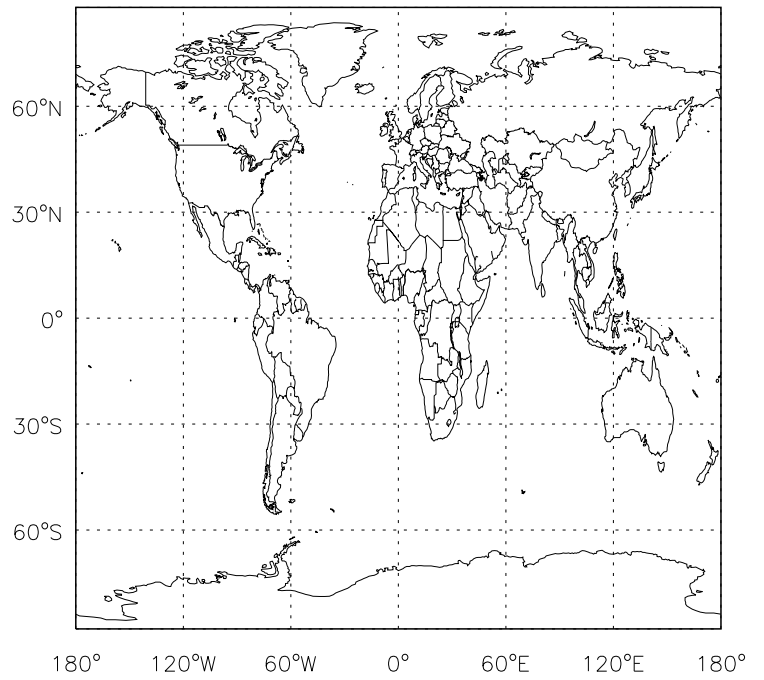
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr - Diff @ Surface for Jul



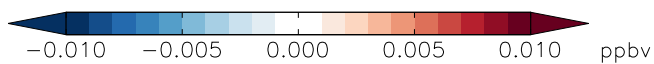
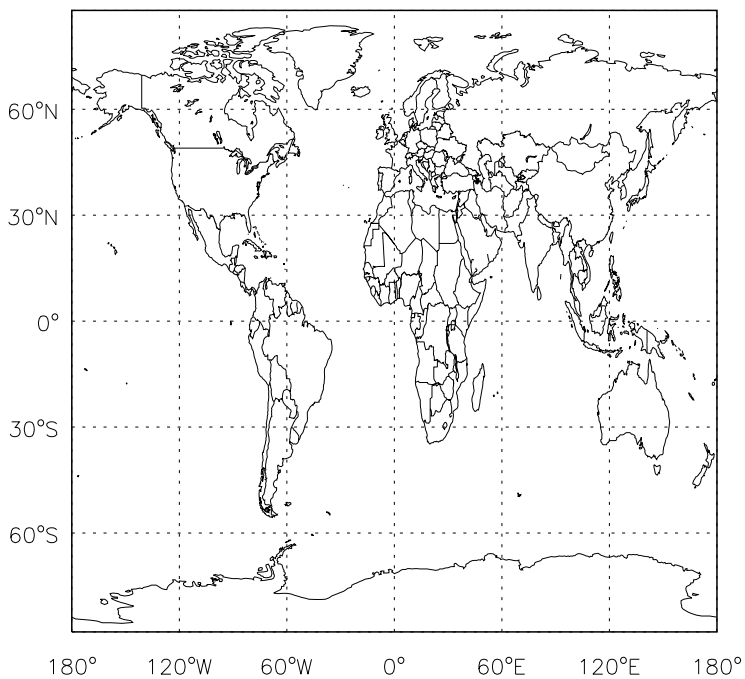
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr - Diff @ 500 hPa for Jul



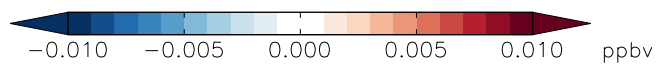
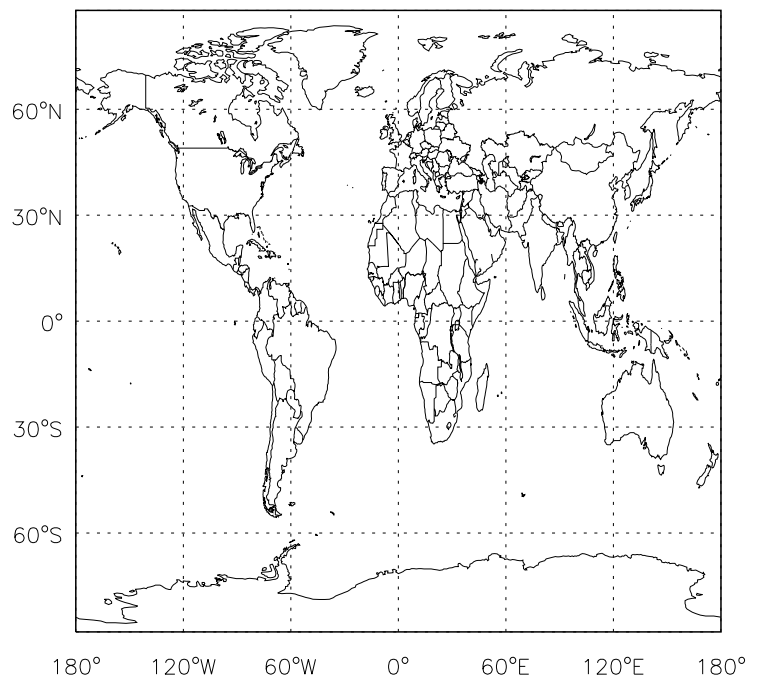
v11-01g-Run0 - v11-01d-Run1

HBr - Diff @ Surface for Jul



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

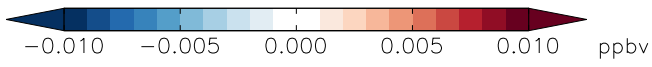
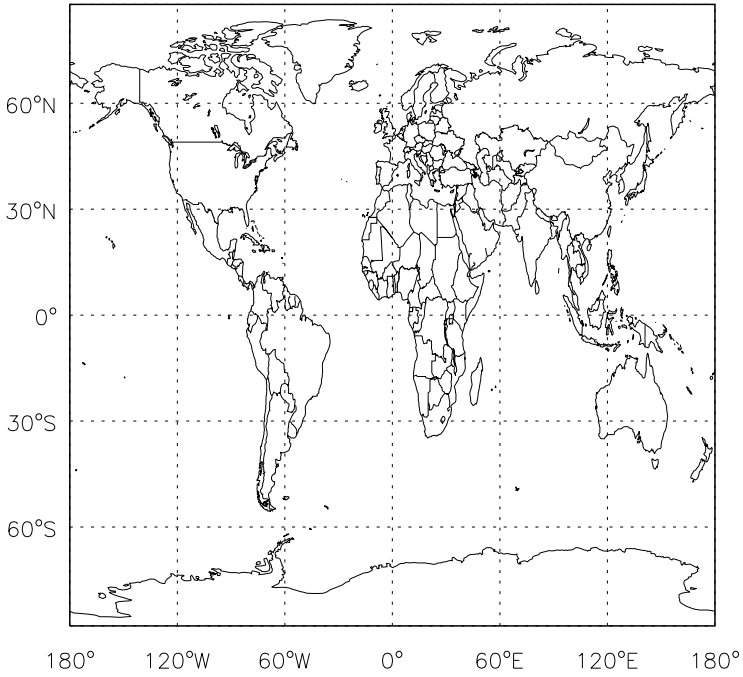
HBr - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

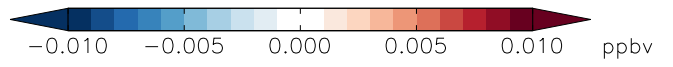
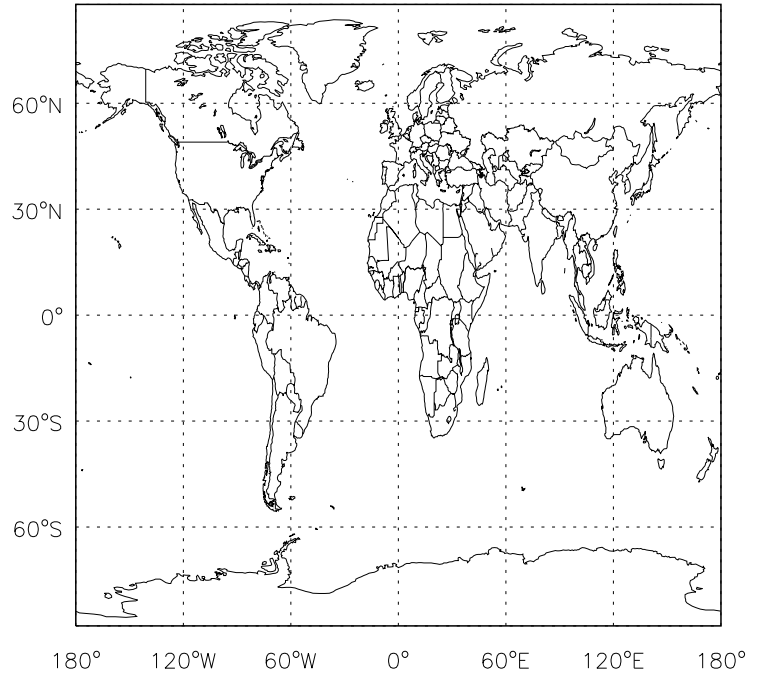
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr - Diff @ Surface for Jul



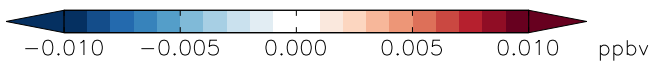
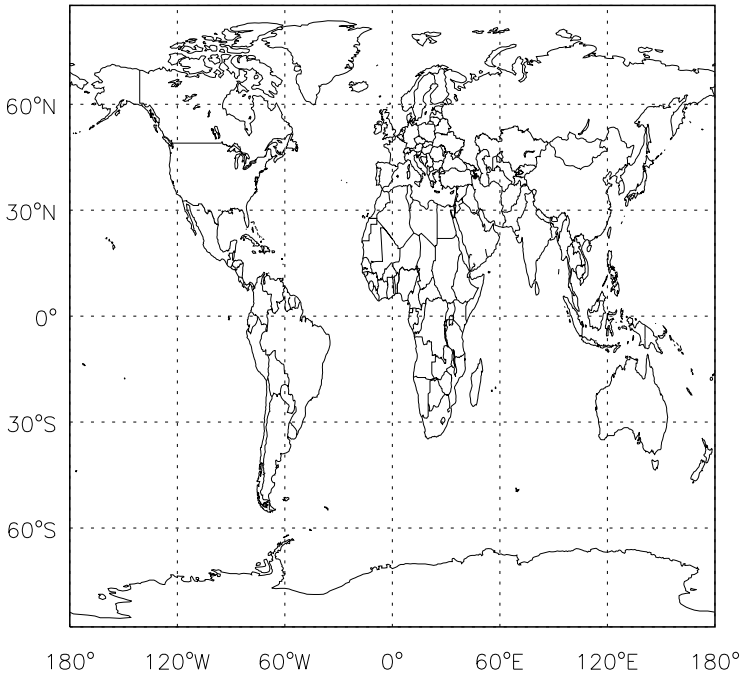
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr- Diff @ 500 hPa for Jul



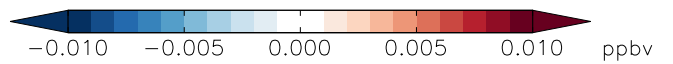
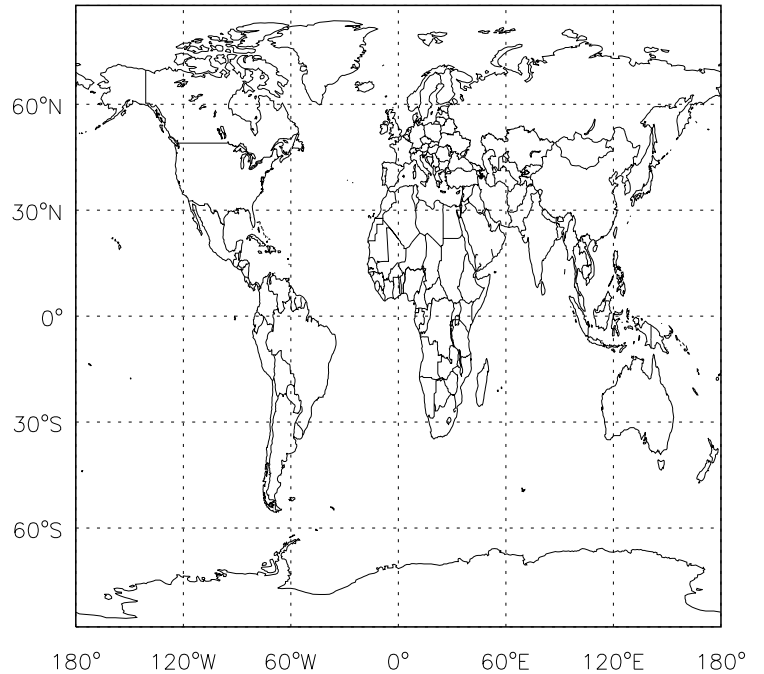
v11-01g-Run0 - v11-01d-Run1

HBr - Diff @ Surface for Jul



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

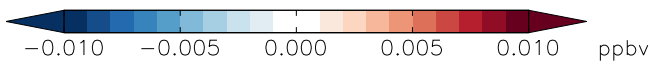
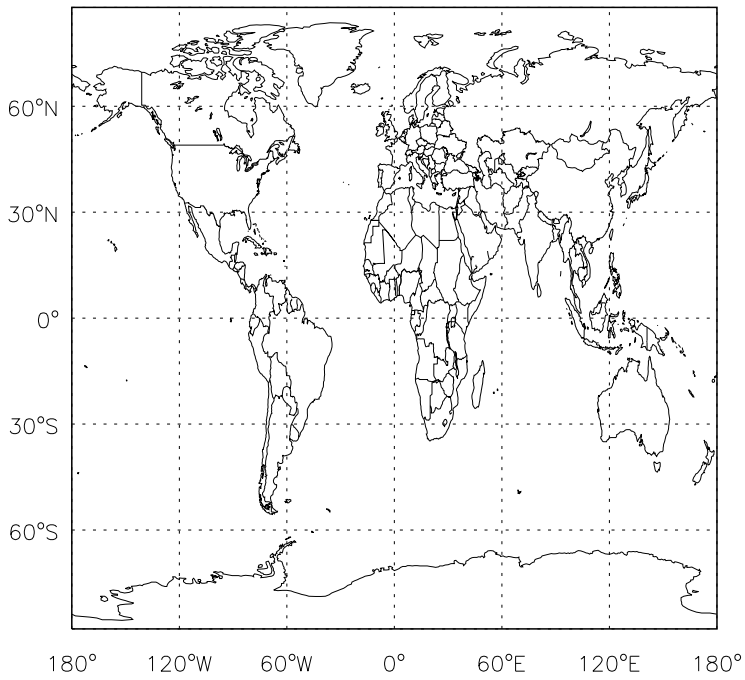
HBr- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

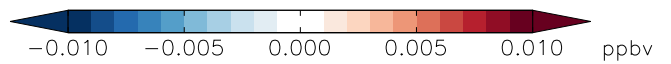
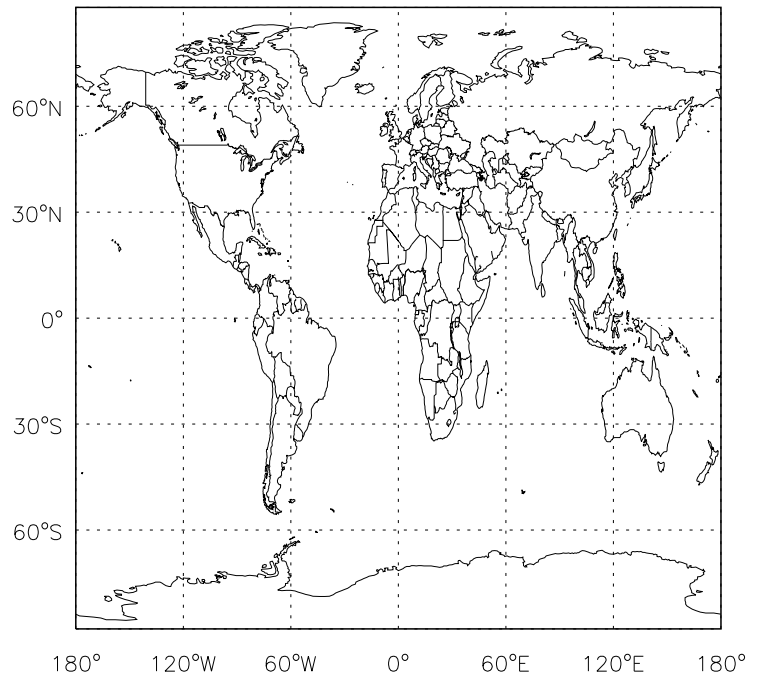
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO2 - Diff @ Surface for Jul



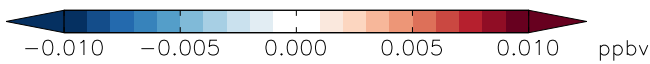
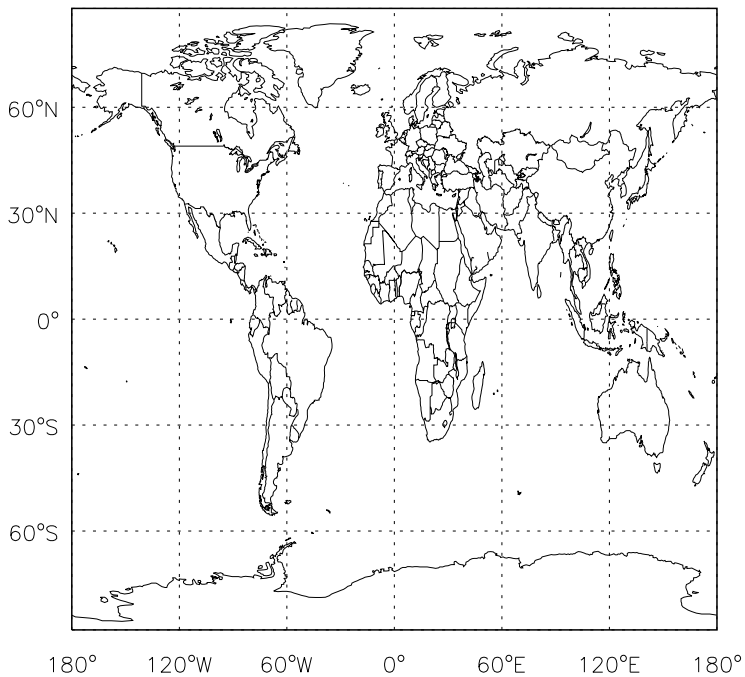
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO2 - Diff @ 500 hPa for Jul



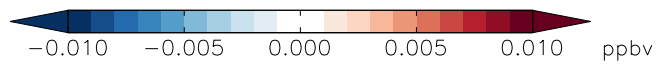
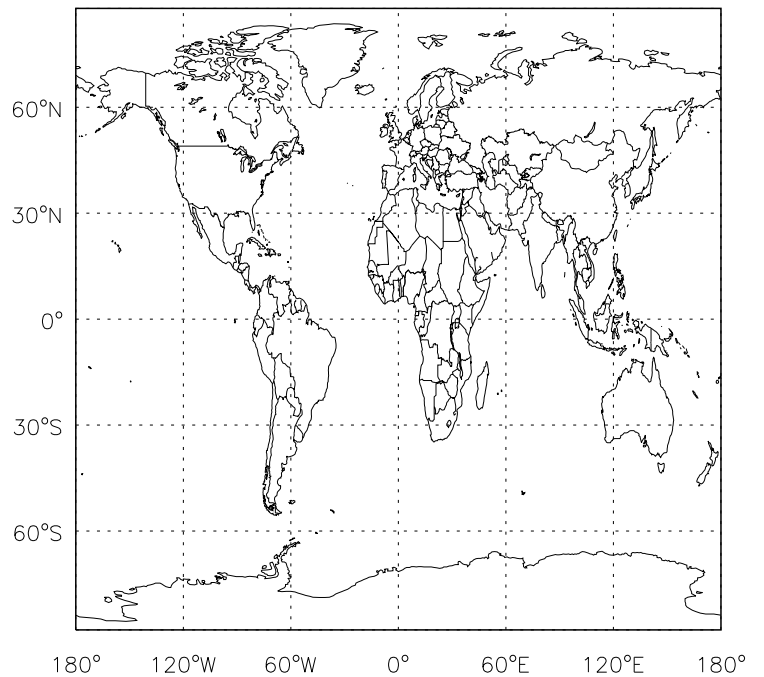
v11-01g-Run0 - v11-01d-Run1

BrNO2 - Diff @ Surface for Jul



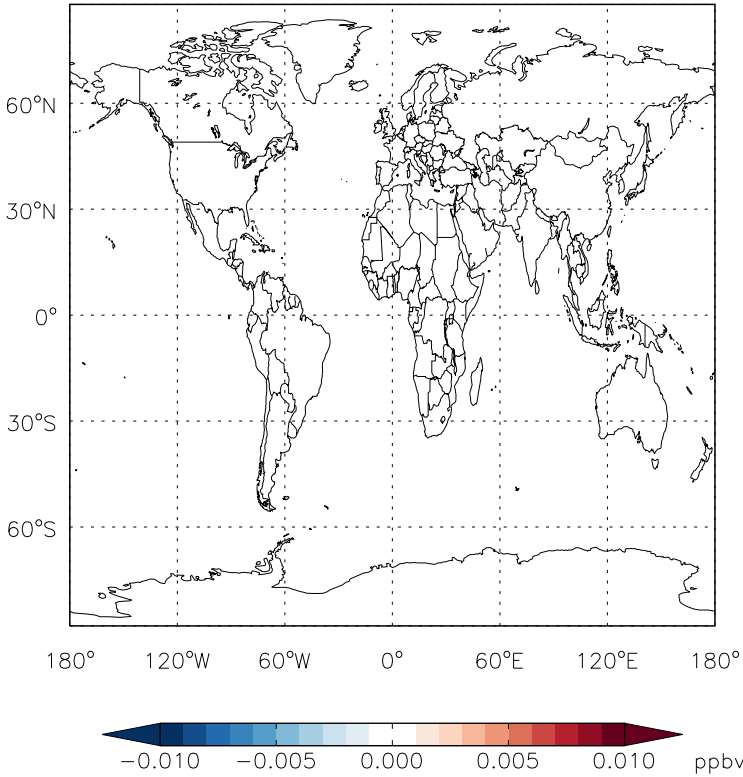
v11-01g-Run0 - v11-01d-Run1

BrNO2 - Diff @ 500 hPa for Jul

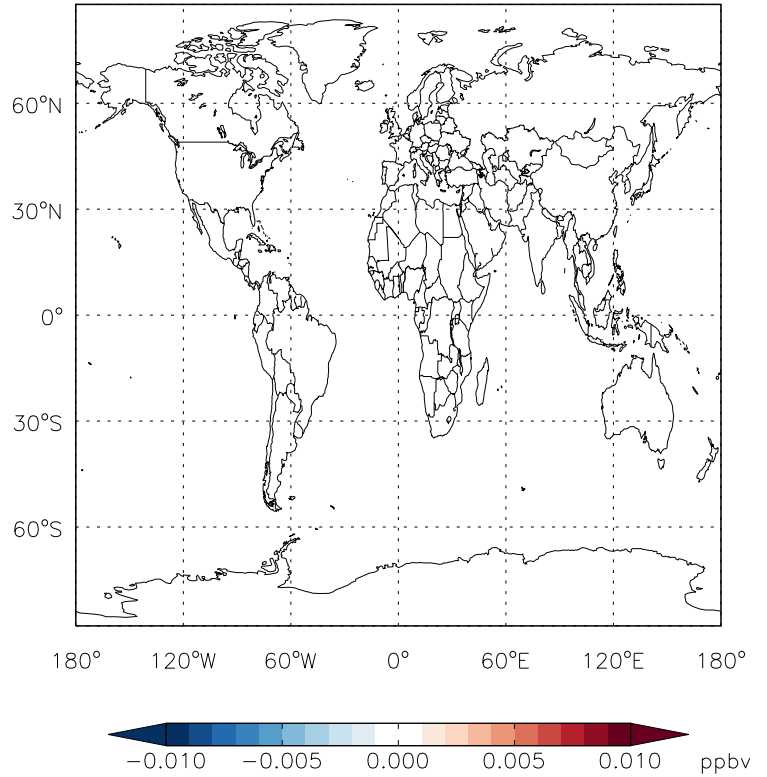


GEOS-Chem Difference Maps at surface and 500 hPa

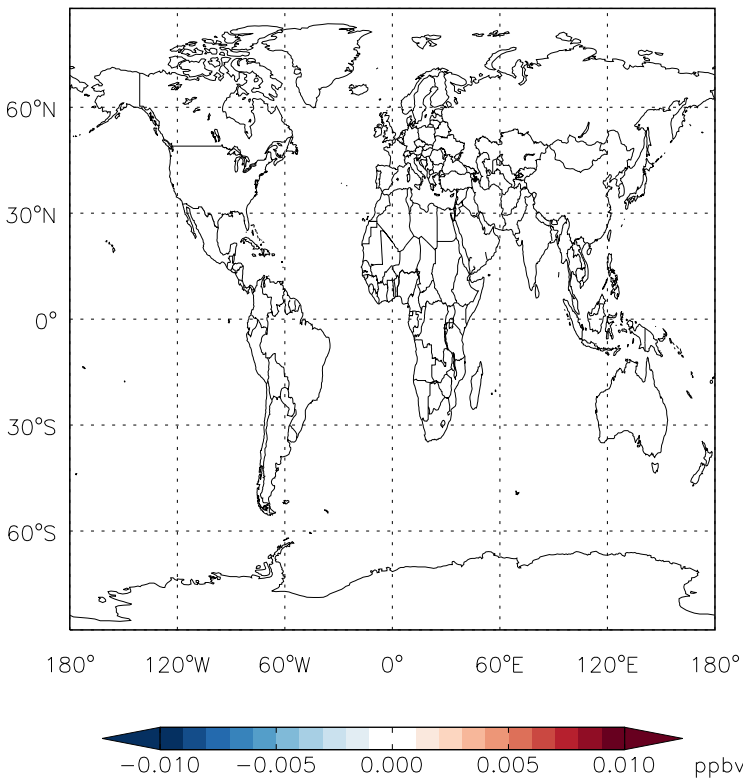
v11-01g-Run0 - v11-01f-geosfp-Run0
BrNO3 - Diff @ Surface for Jul



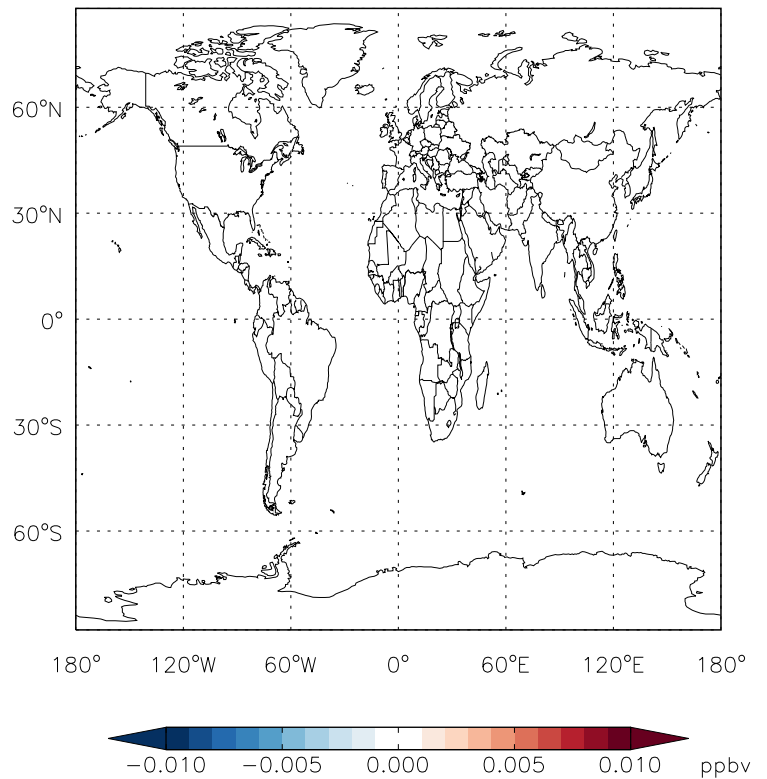
v11-01g-Run0 - v11-01f-geosfp-Run0
BrNO3- Diff @ 500 hPa for Jul



v11-01g-Run0 - v11-01d-Run1
BrNO3 - Diff @ Surface for Jul



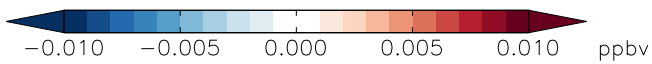
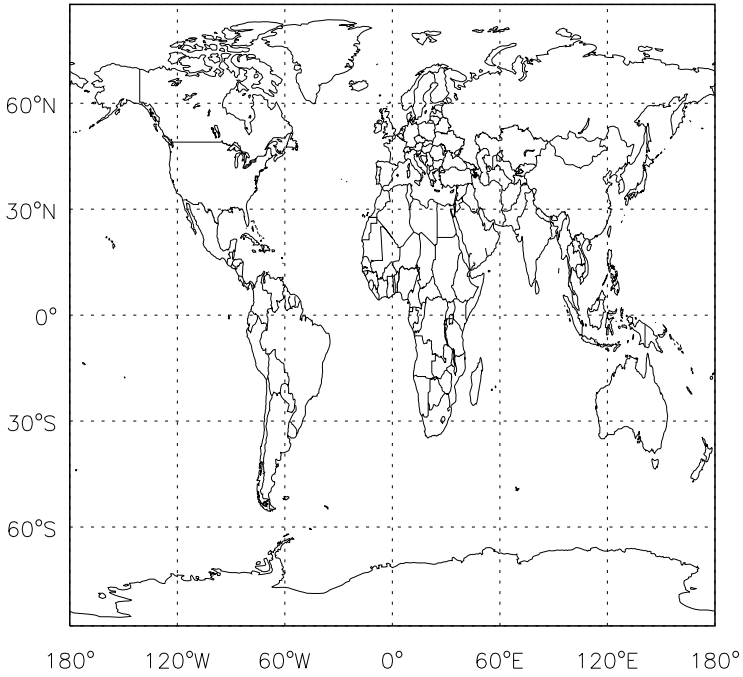
v11-01g-Run0 - v11-01d-Run1
BrNO3- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

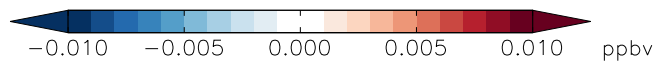
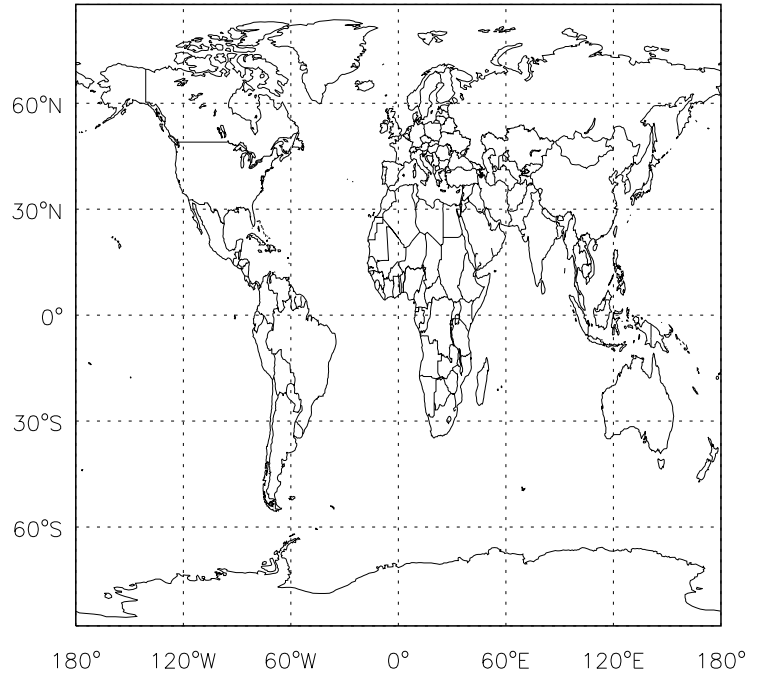
v11-01g-Run0 - v11-01f-geosfp-Run0

CHBr3 - Diff @ Surface for Jul



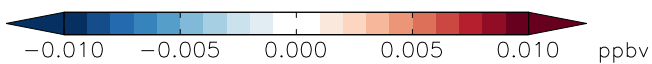
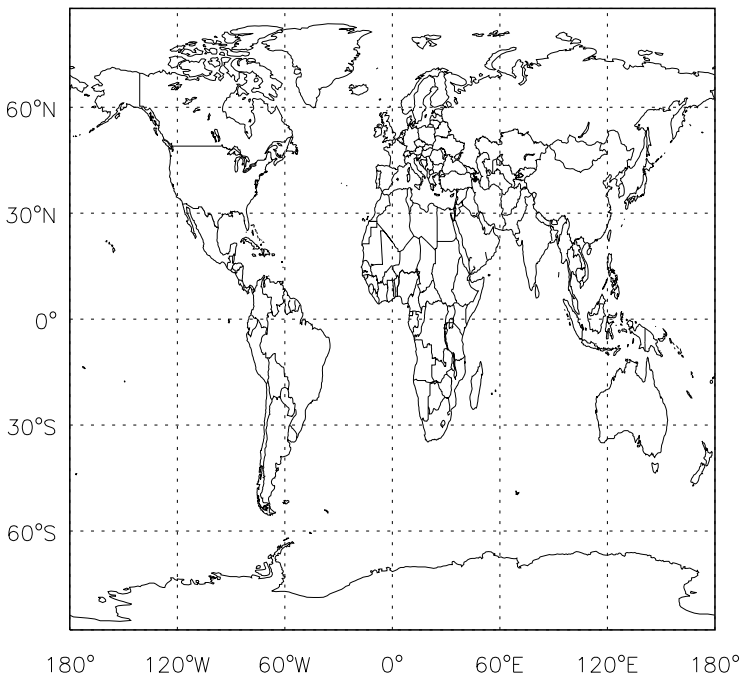
v11-01g-Run0 - v11-01f-geosfp-Run0

CHBr3 - Diff @ 500 hPa for Jul



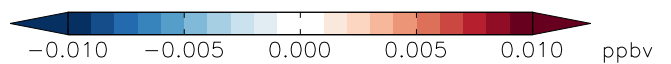
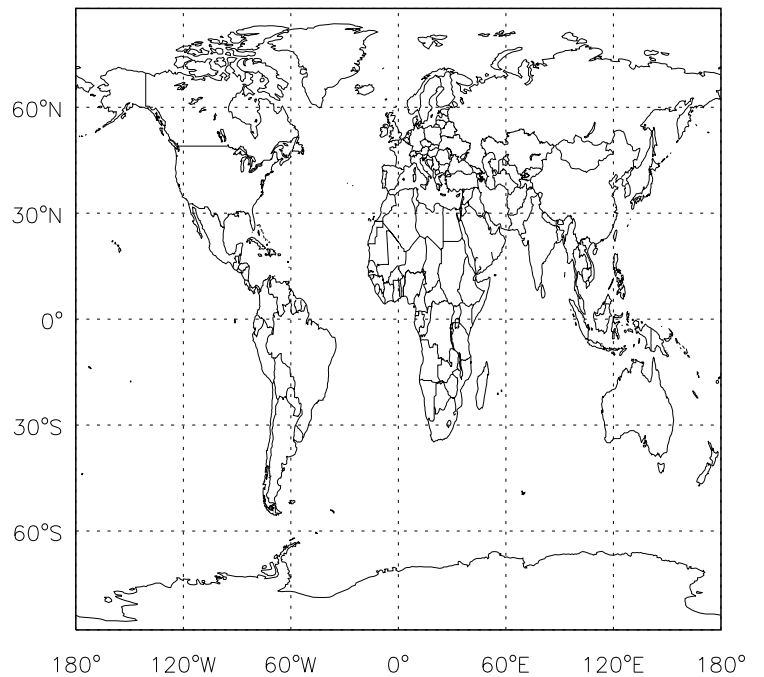
v11-01g-Run0 - v11-01d-Run1

CHBr3 - Diff @ Surface for Jul



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

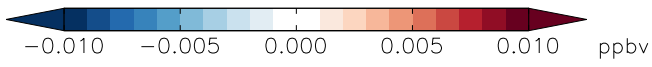
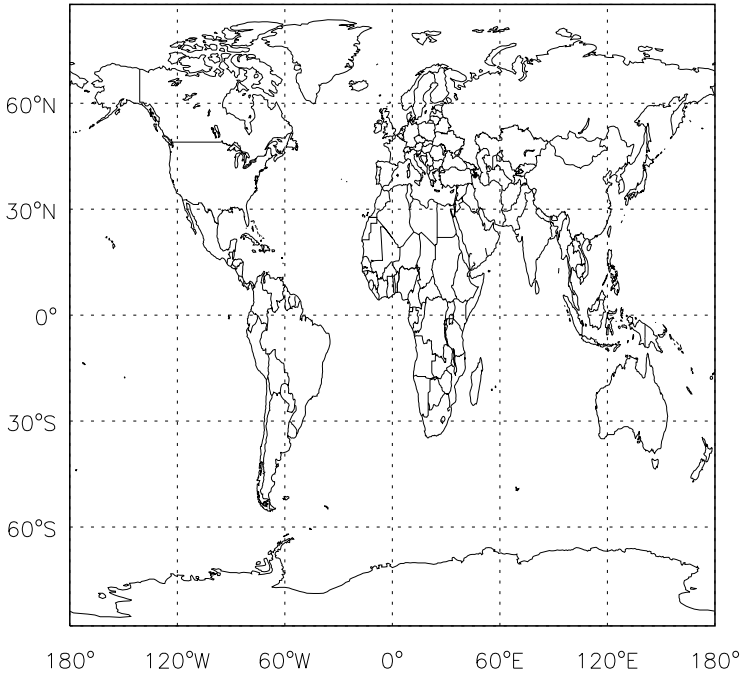
CHBr3 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

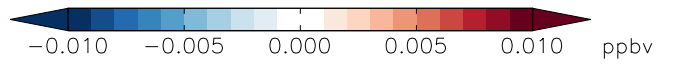
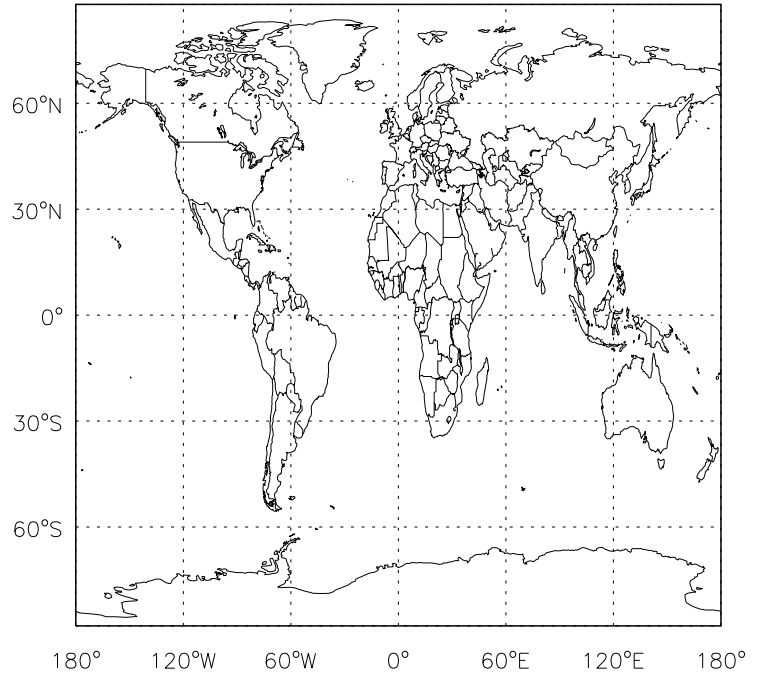
v11-01g-Run0 - v11-01f-geosfp-Run0

CH₂Br₂ - Diff @ Surface for Jul



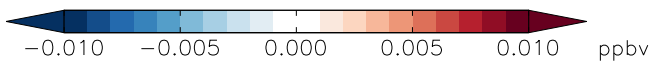
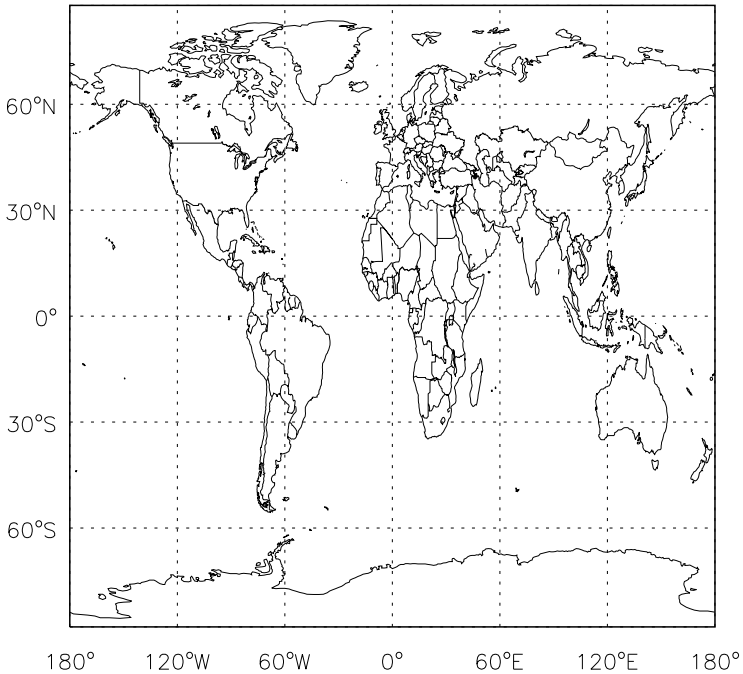
v11-01g-Run0 - v11-01f-geosfp-Run0

CH₂Br₂ - Diff @ 500 hPa for Jul



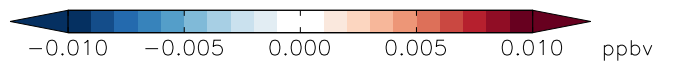
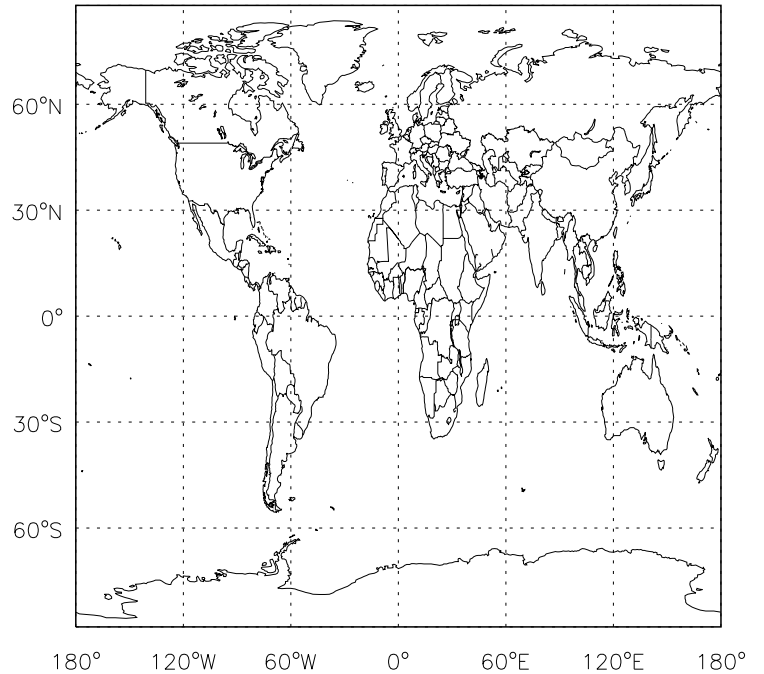
v11-01g-Run0 - v11-01d-Run1

CH₂Br₂ - Diff @ Surface for Jul



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

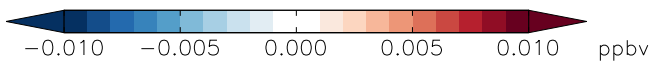
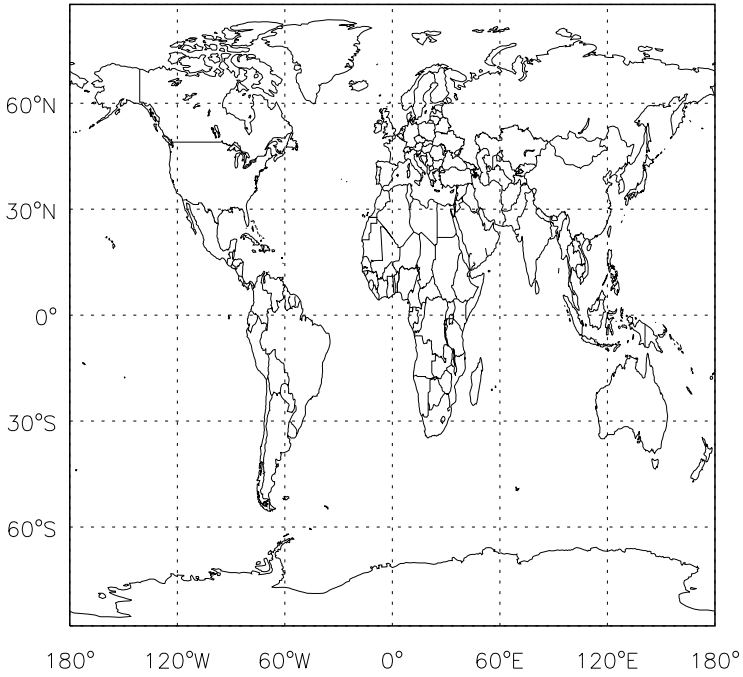
CH₂Br₂ - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

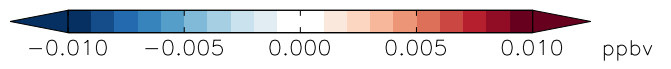
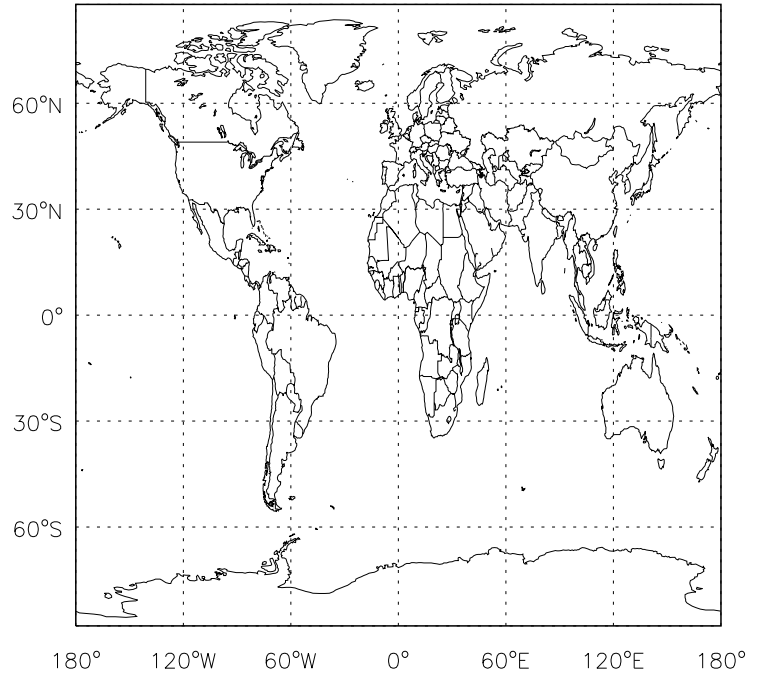
v11-01g-Run0 - v11-01f-geosfp-Run0

CH3Br - Diff @ Surface for Jul



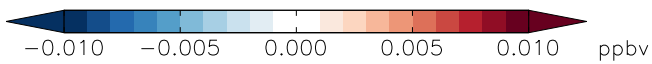
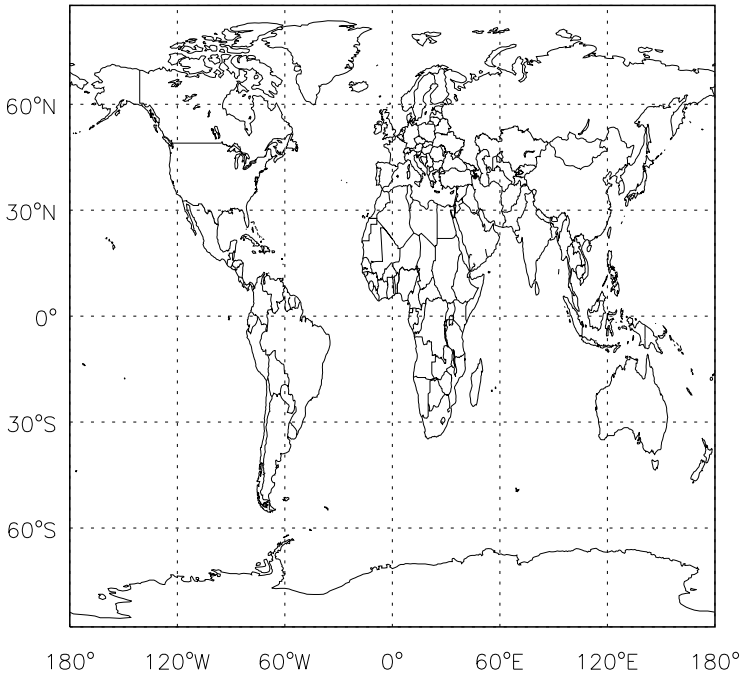
v11-01g-Run0 - v11-01f-geosfp-Run0

CH3Br - Diff @ 500 hPa for Jul



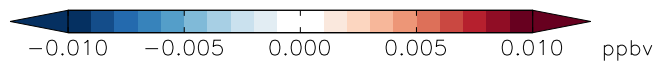
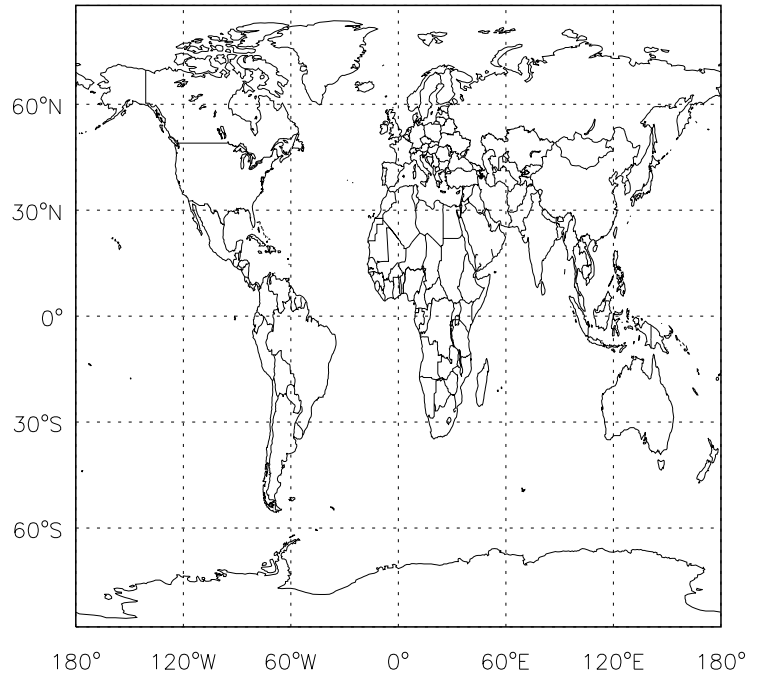
v11-01g-Run0 - v11-01d-Run1

CH3Br - Diff @ Surface for Jul



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

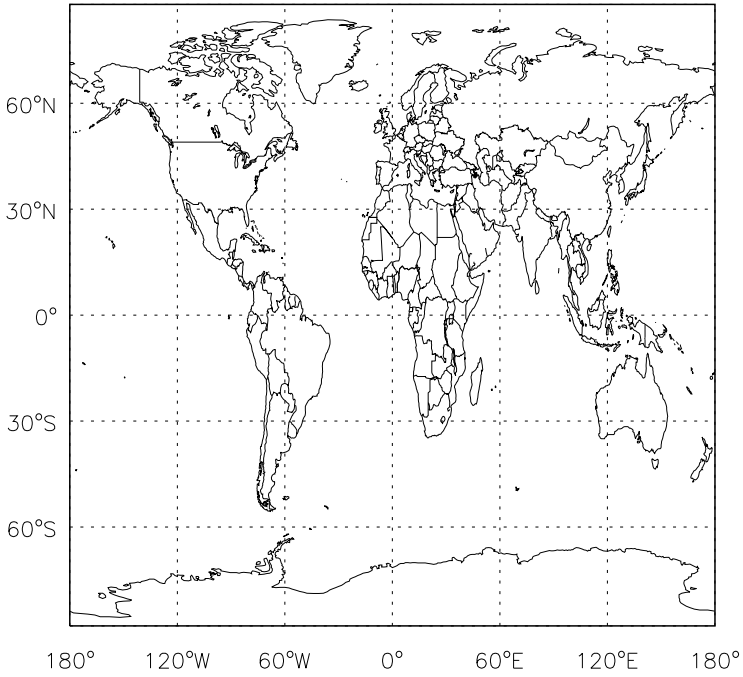
CH3Br - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

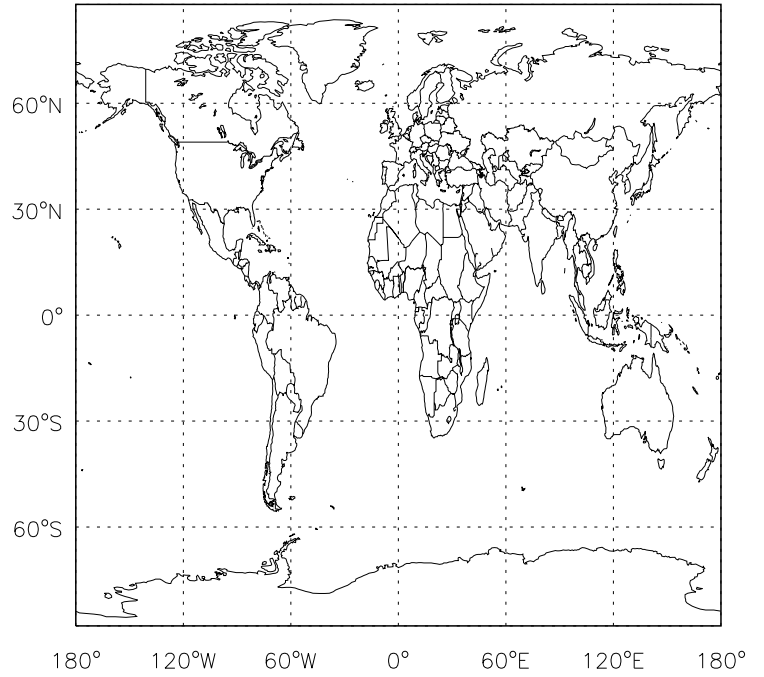
v11-01g-Run0 - v11-01f-geosfp-Run0

MPN - Diff @ Surface for Jul



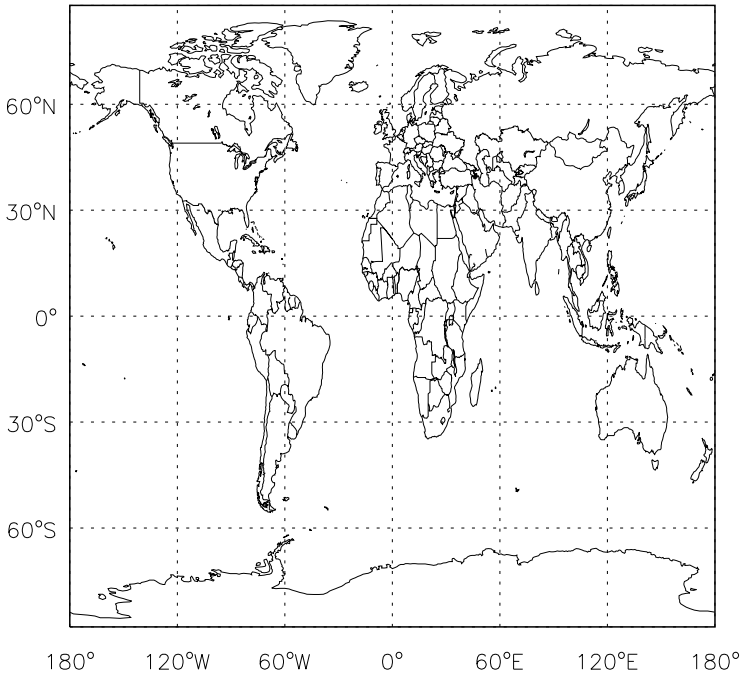
v11-01g-Run0 - v11-01f-geosfp-Run0

MPN - Diff @ 500 hPa for Jul



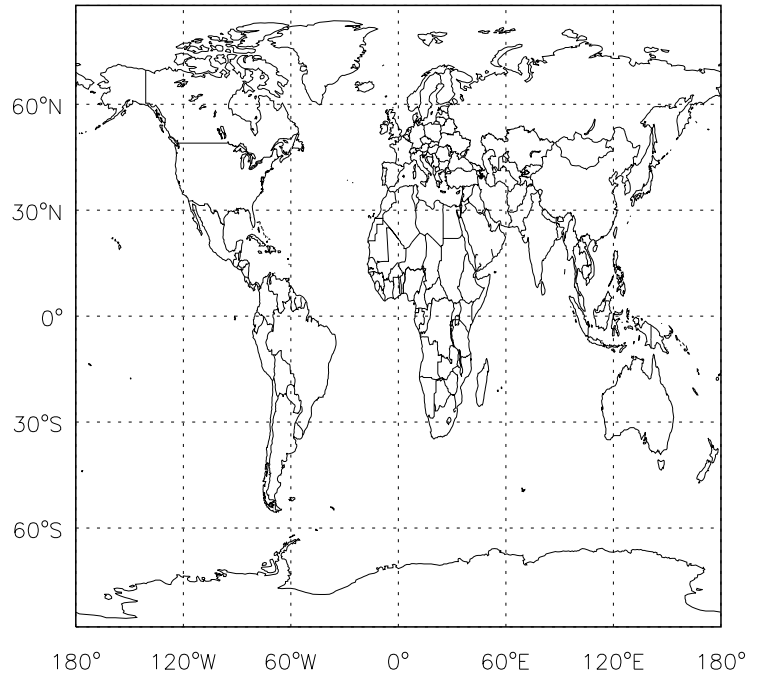
v11-01g-Run0 - v11-01d-Run1

MPN - Diff @ Surface for Jul



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

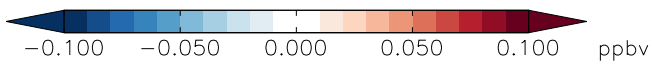
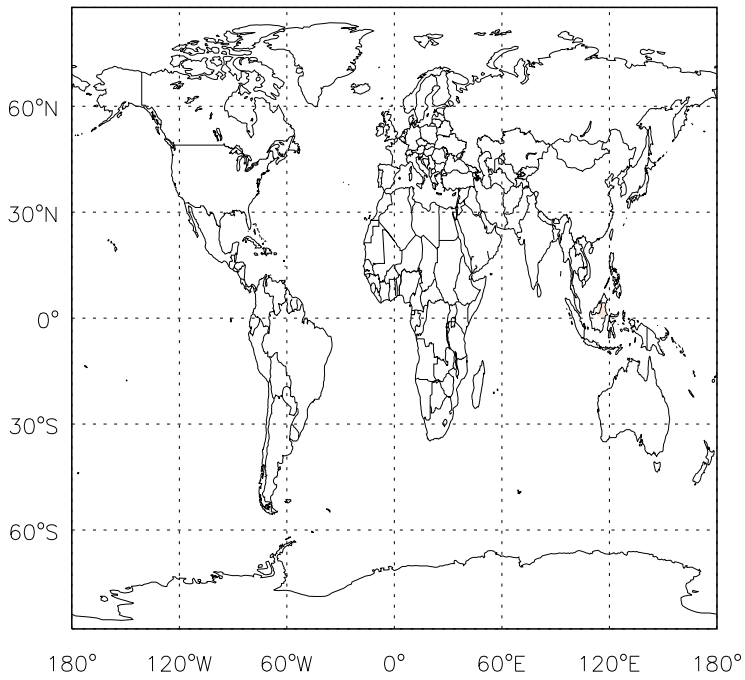
MPN - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

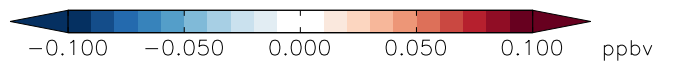
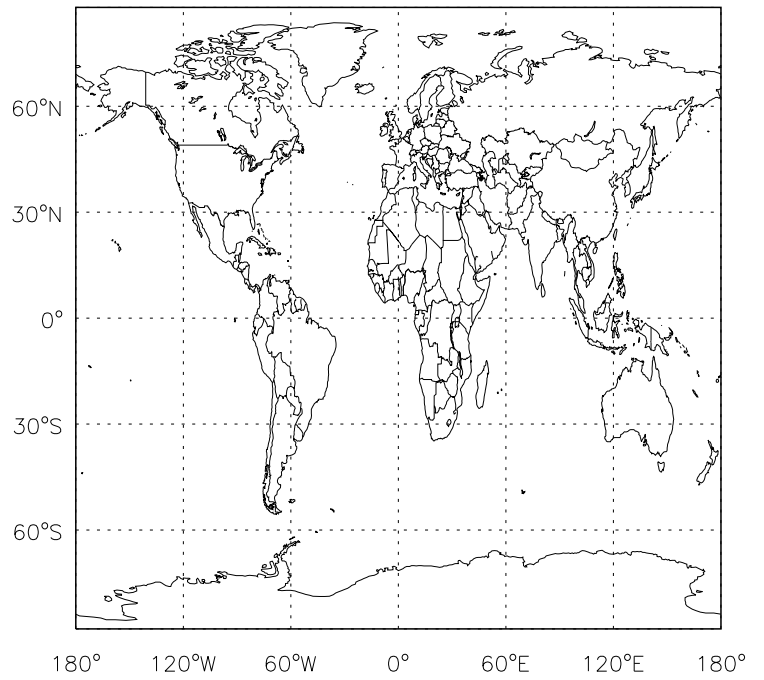
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOPND - Diff @ Surface for Jul



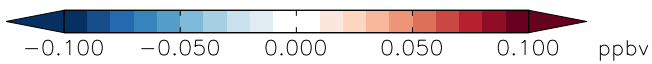
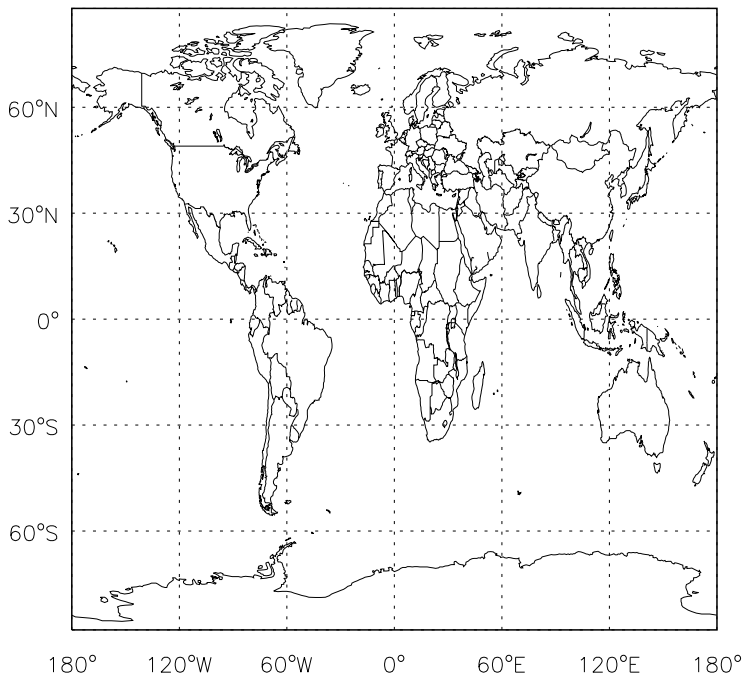
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOPND - Diff @ 500 hPa for Jul



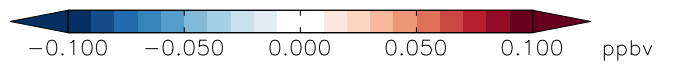
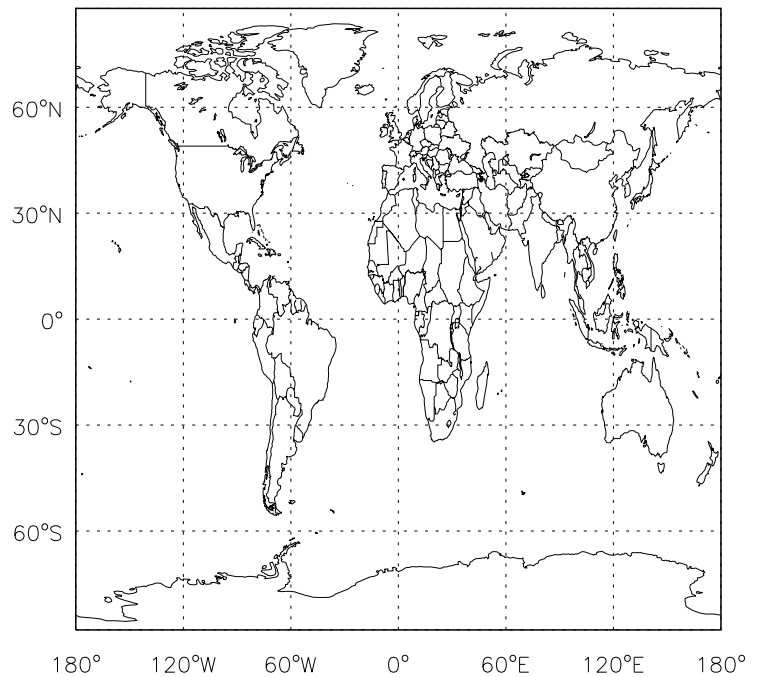
v11-01g-Run0 - v11-01d-Run1

ISOPND - Diff @ Surface for Jul



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

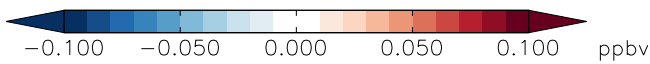
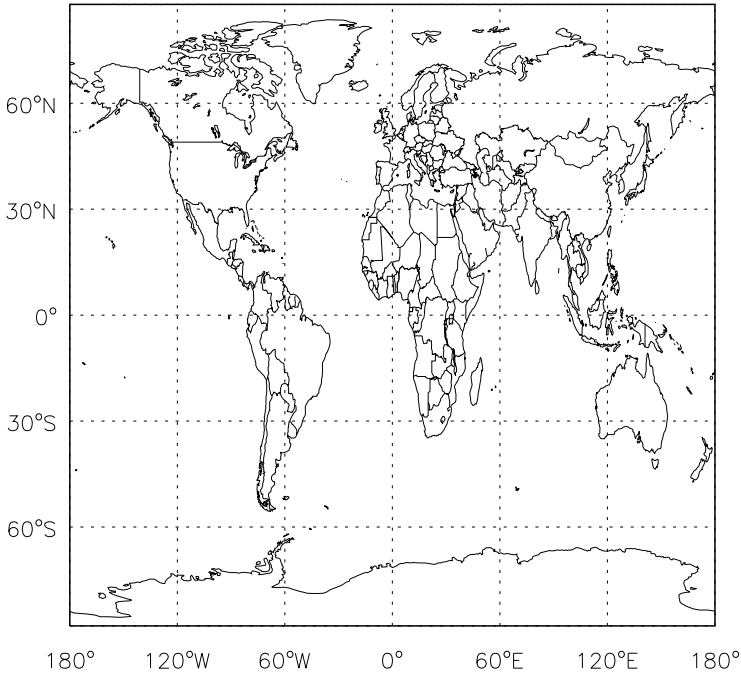
ISOPND - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

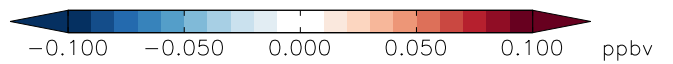
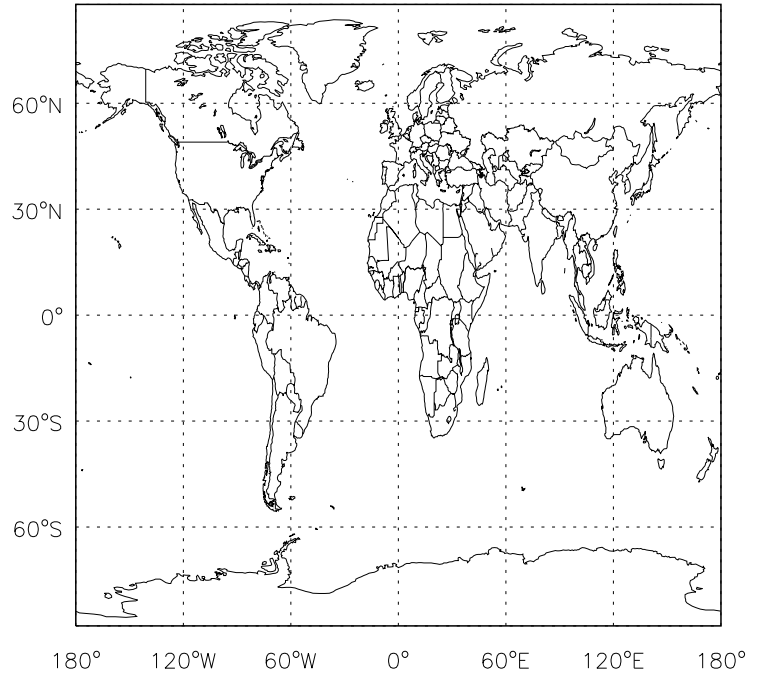
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOPNB - Diff @ Surface for Jul



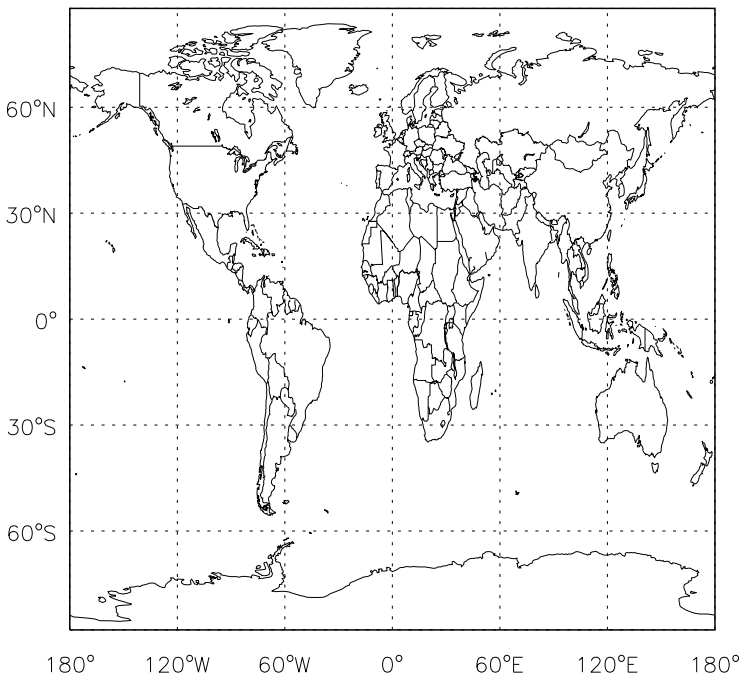
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOPNB- Diff @ 500 hPa for Jul



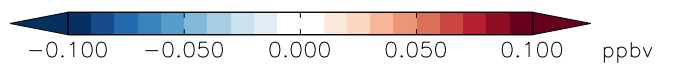
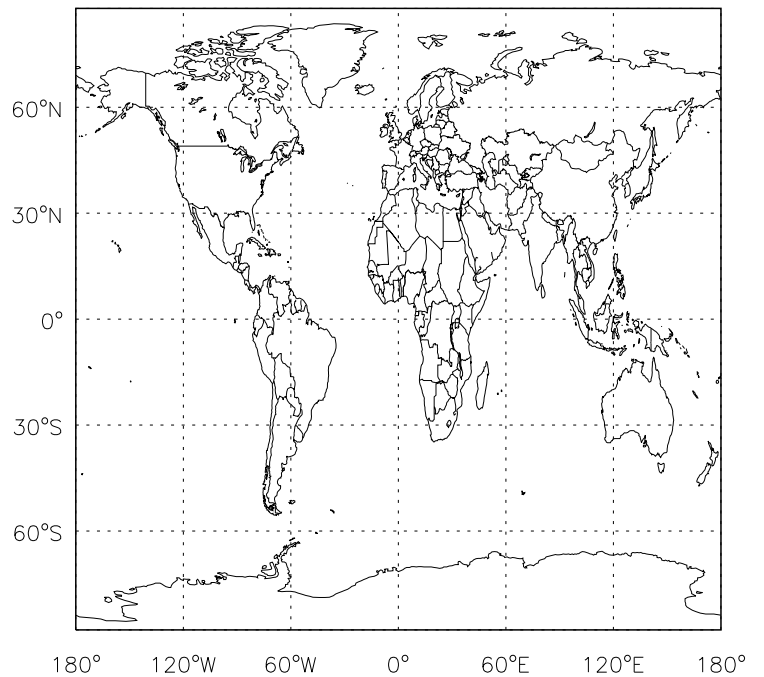
v11-01g-Run0 - v11-01d-Run1

ISOPNB - Diff @ Surface for Jul



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

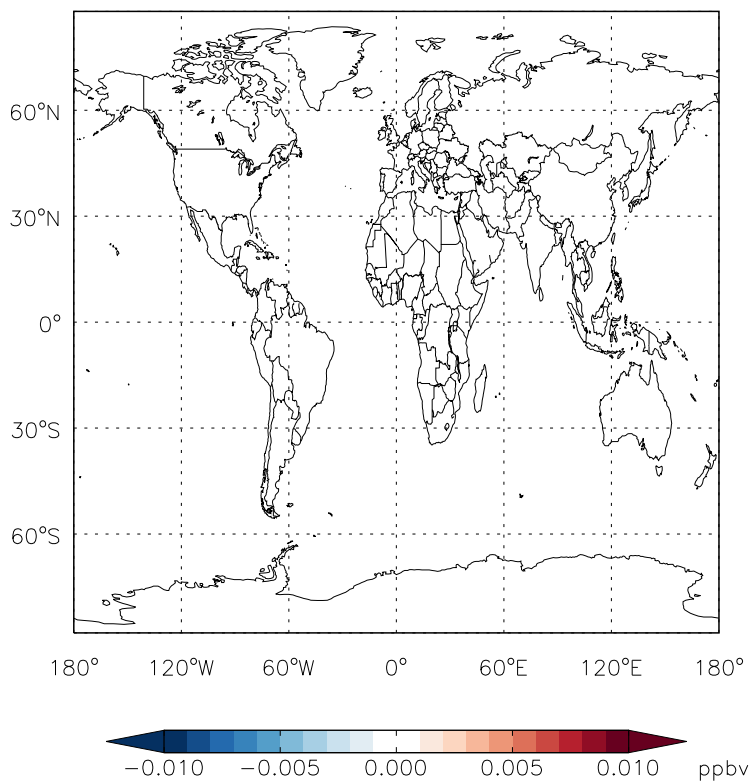
ISOPNB- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

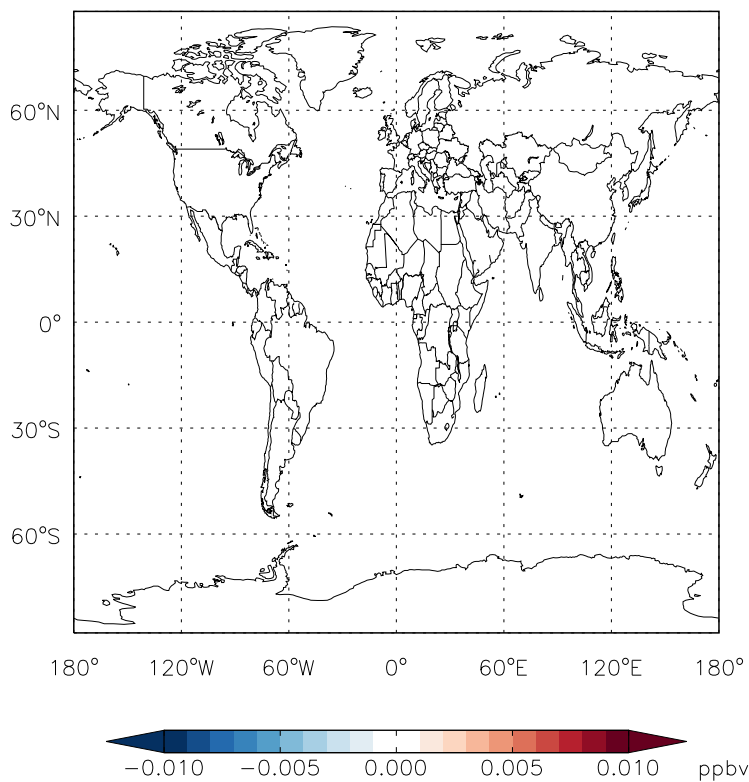
v11-01g-Run0 - v11-01f-geosfp-Run0

MOBA - Diff @ Surface for Jul



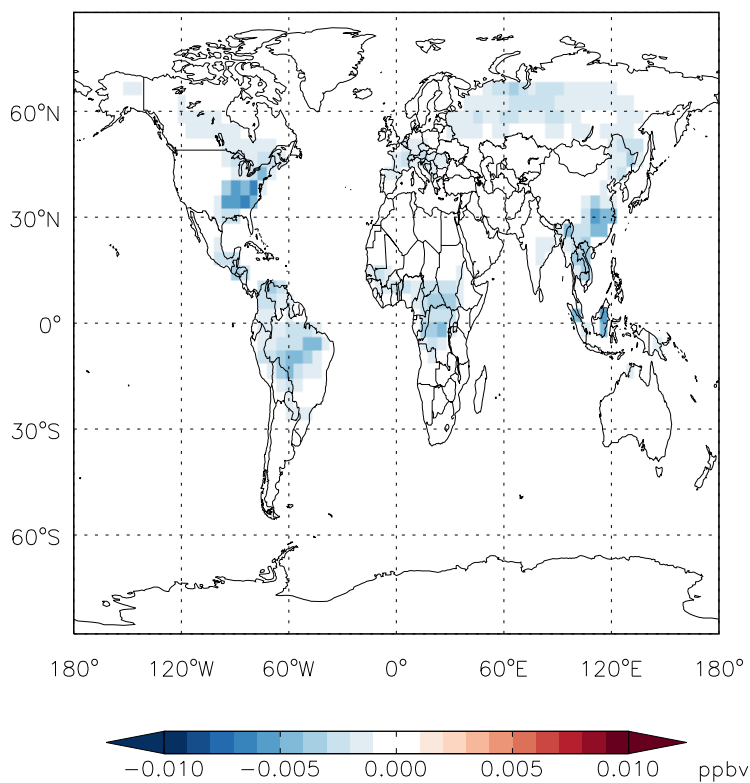
v11-01g-Run0 - v11-01f-geosfp-Run0

MOBA- Diff @ 500 hPa for Jul



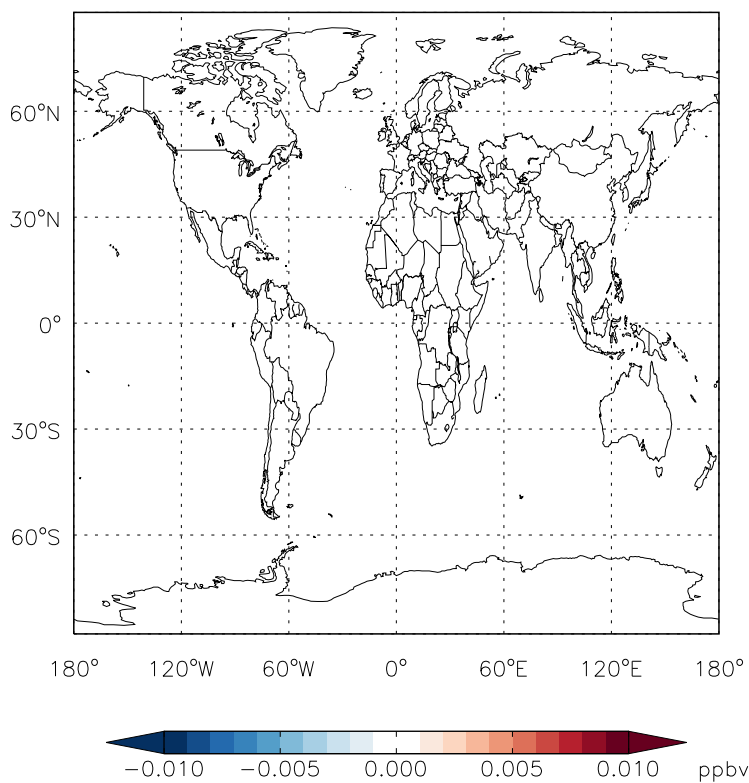
v11-01g-Run0 - v11-01d-Run1

MOBA - Diff @ Surface for Jul



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

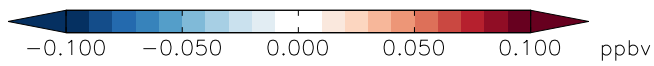
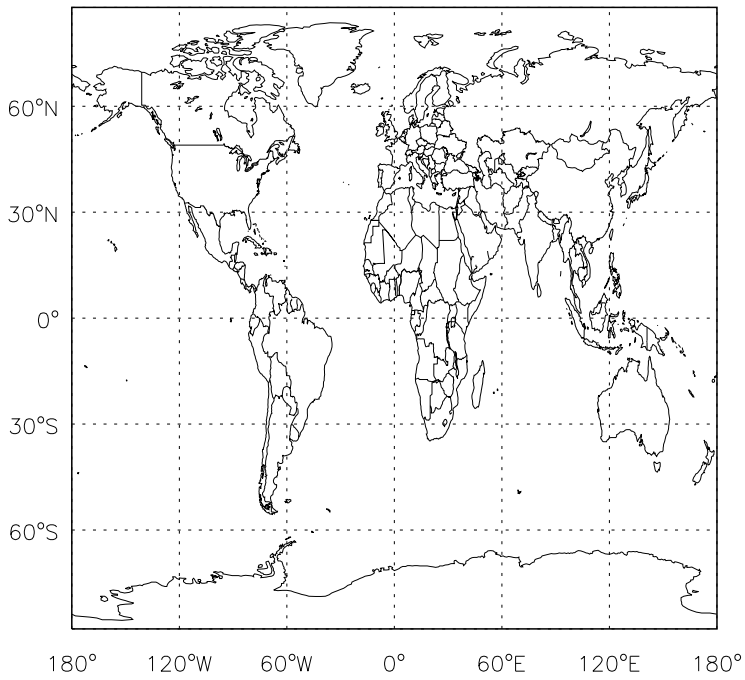
MOBA- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

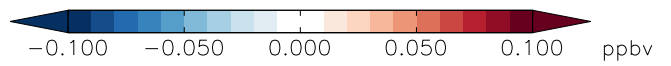
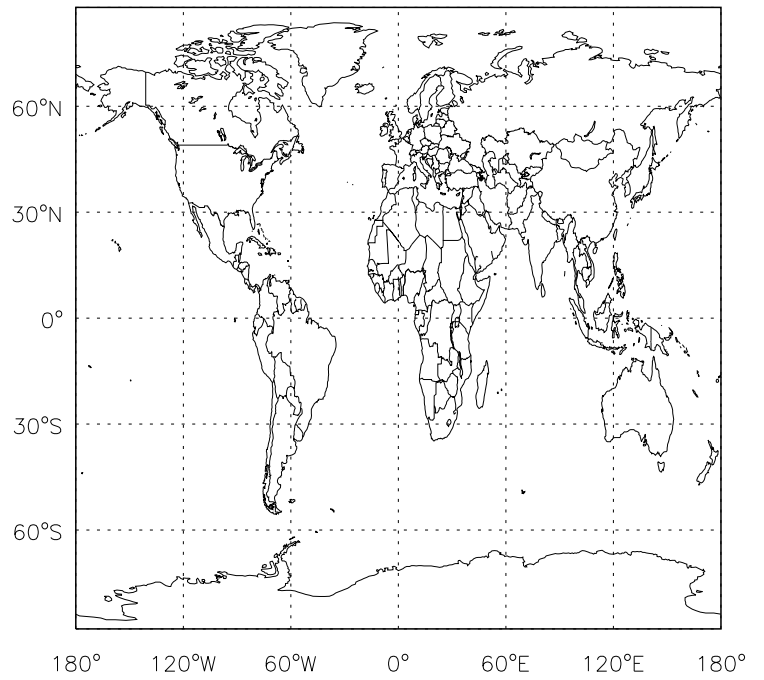
v11-01g-Run0 - v11-01f-geosfp-Run0

PROPNN - Diff @ Surface for Jul



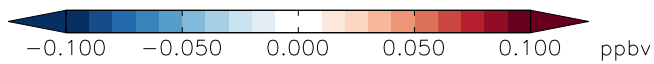
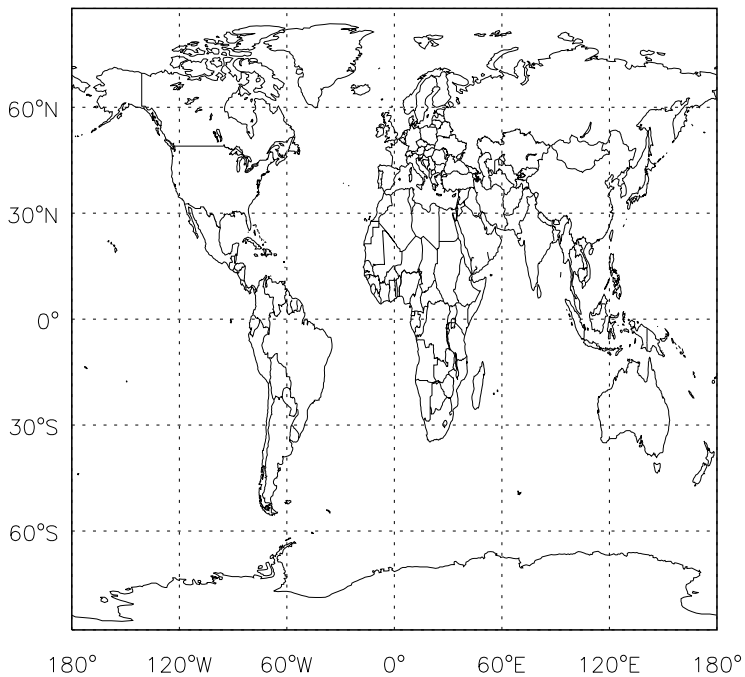
v11-01g-Run0 - v11-01f-geosfp-Run0

PROPNN- Diff @ 500 hPa for Jul



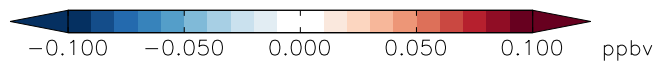
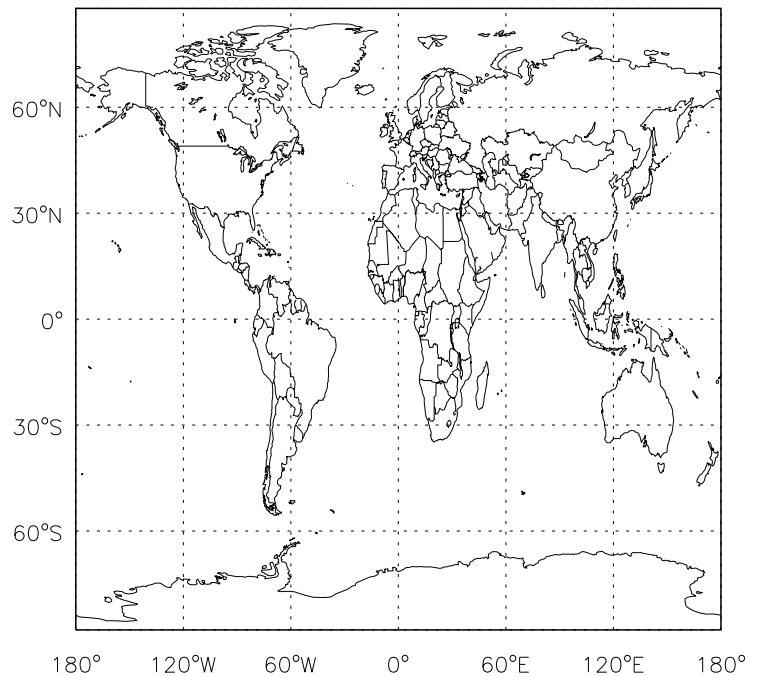
v11-01g-Run0 - v11-01d-Run1

PROPNN - Diff @ Surface for Jul



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

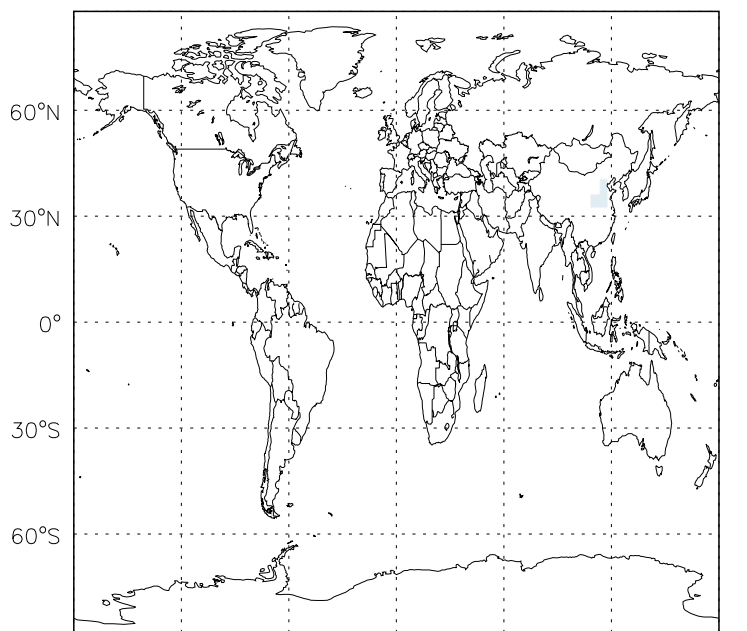
PROPNN- Diff @ 500 hPa for Jul



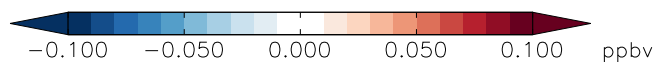
GEOS-Chem Difference Maps at surface and 500 hPa

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

HAC - Diff @ Surface for Jul

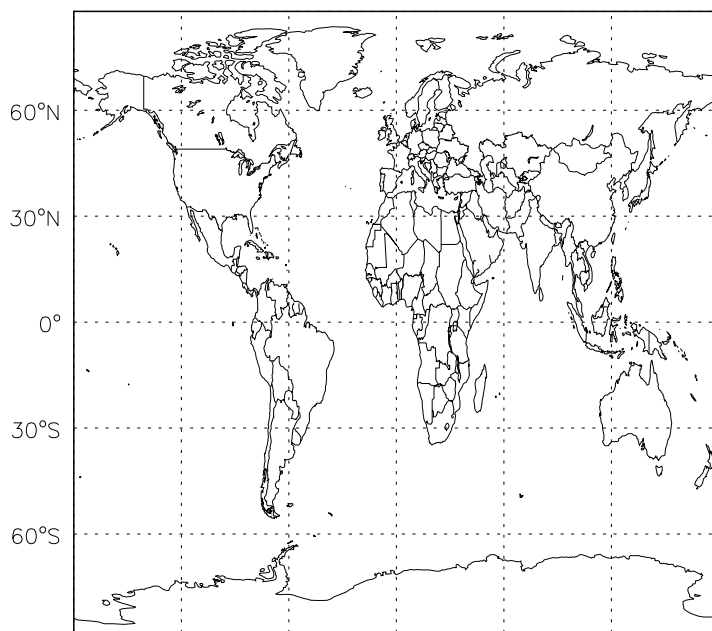


180° 120°W 60°W 0° 60°E 120°E 180°

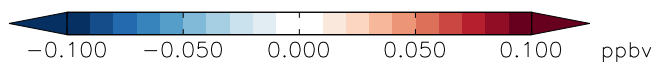


v11-01g-Run0 - v11-01f-geosfp-Run0

HAC - Diff @ 500 hPa for Jul

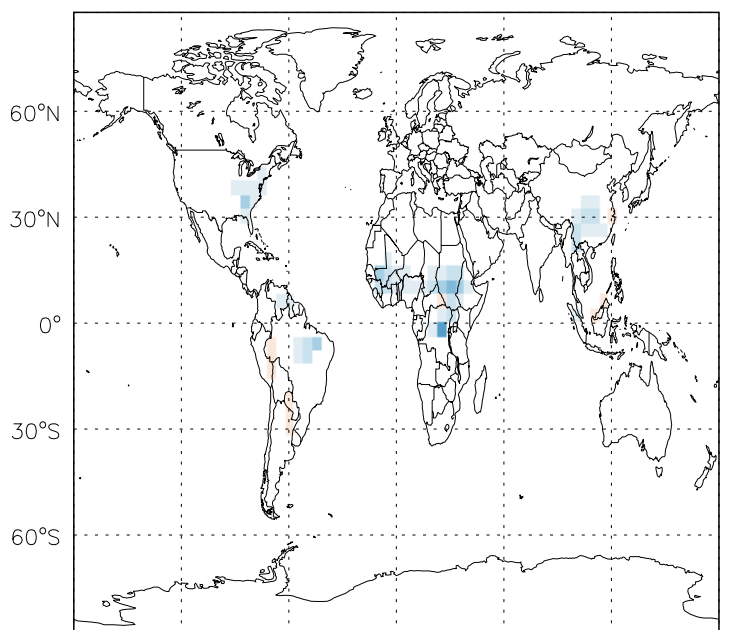


180° 120°W 60°W 0° 60°E 120°E 180°

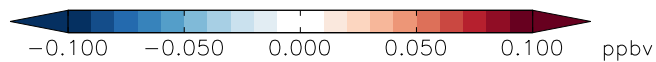


v11-01g-Run0 - v11-01d-Run1

HAC - Diff @ Surface for Jul

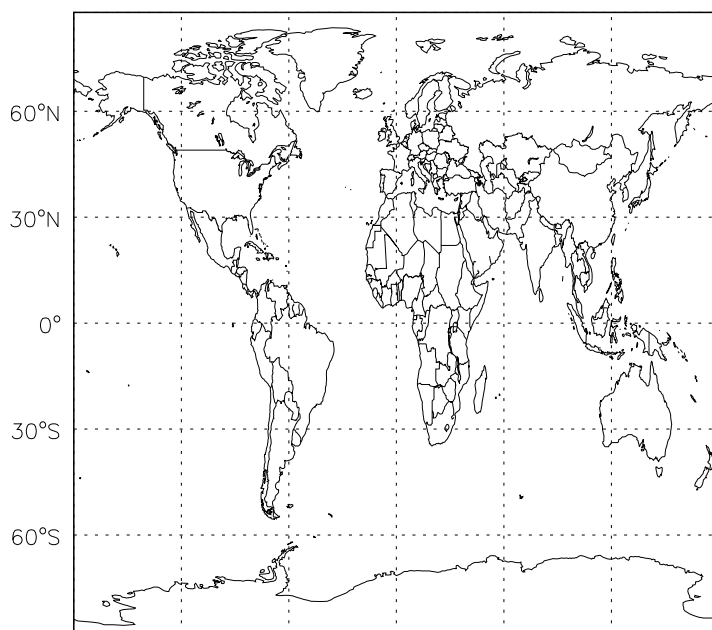


180° 120°W 60°W 0° 60°E 120°E 180°

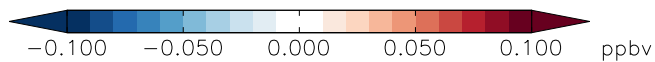


v11-01g-Run0 - v11-01d-Run1

HAC - Diff @ 500 hPa for Jul



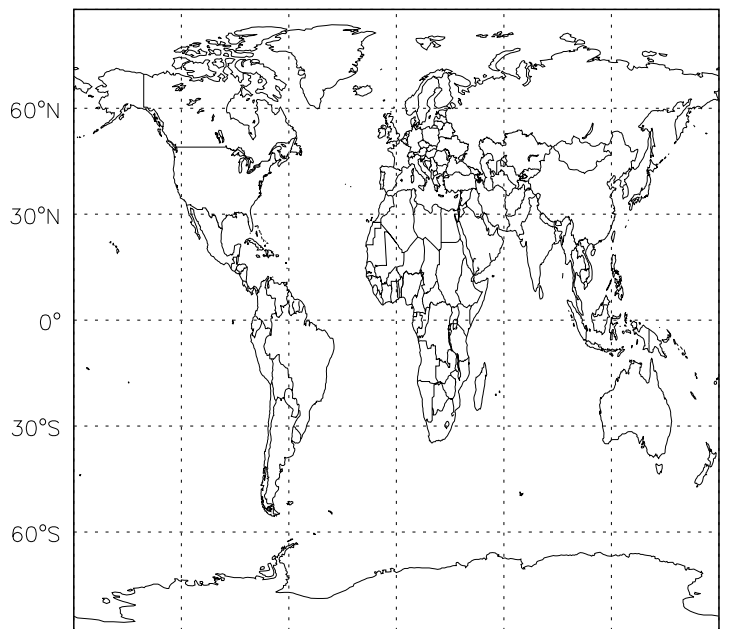
180° 120°W 60°W 0° 60°E 120°E 180°



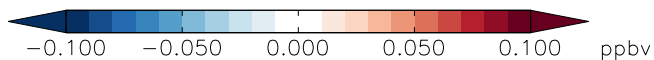
GEOS-Chem Difference Maps at surface and 500 hPa

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

GLYC - Diff @ Surface for Jul

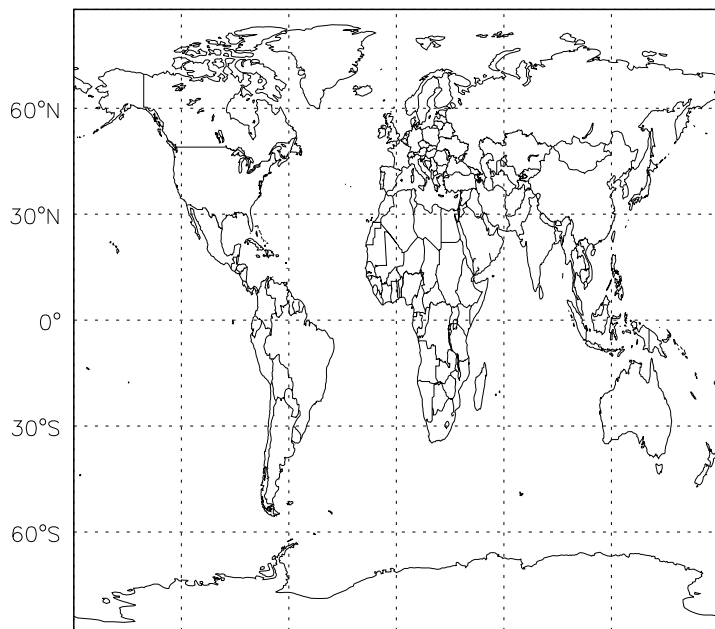


180° 120°W 60°W 0° 60°E 120°E 180°

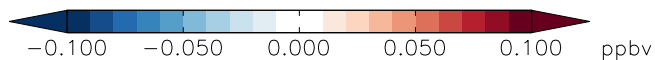


v11-01g-Run0 - v11-01f-geosfp-Run0

GLYC- Diff @ 500 hPa for Jul

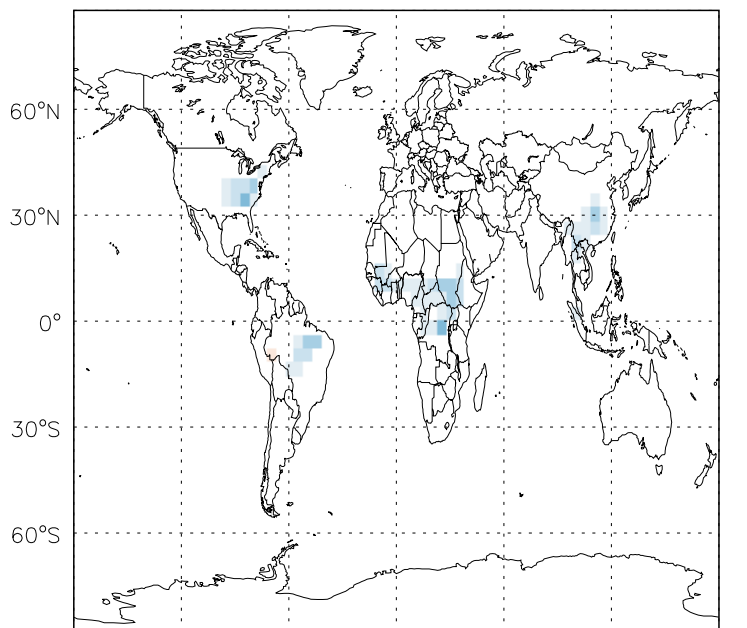


180° 120°W 60°W 0° 60°E 120°E 180°

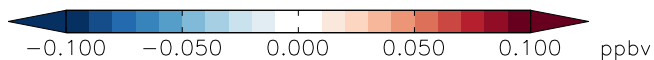


v11-01g-Run0 - v11-01d-Run1

GLYC - Diff @ Surface for Jul

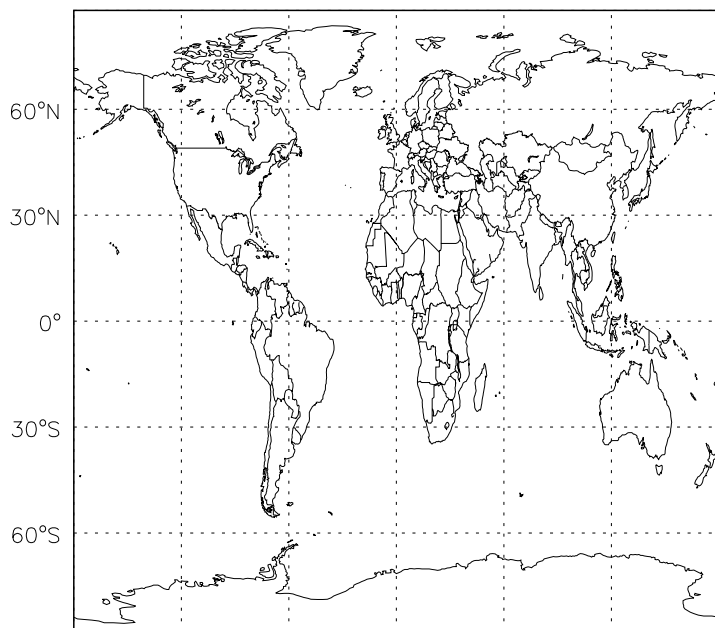


180° 120°W 60°W 0° 60°E 120°E 180°



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

GLYC- Diff @ 500 hPa for Jul



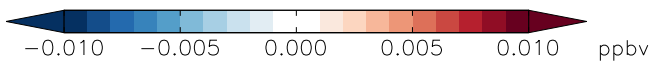
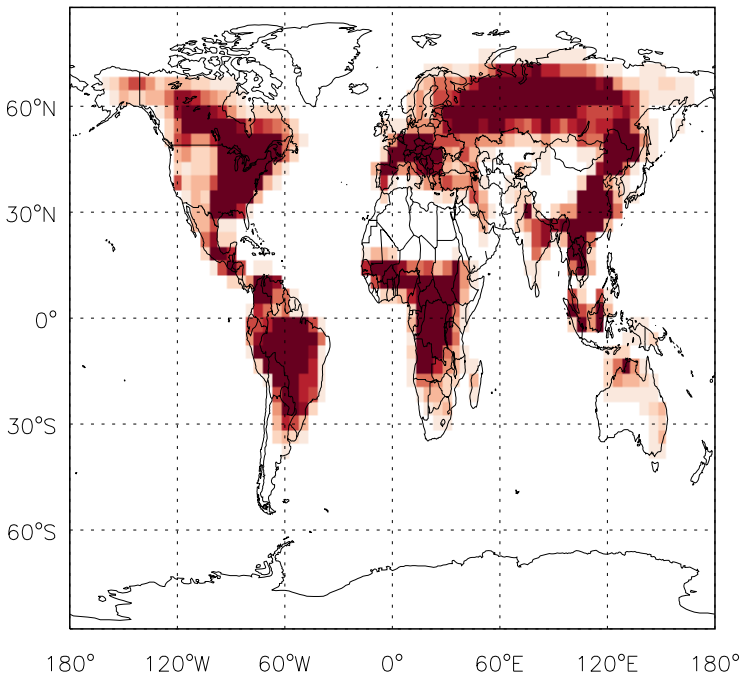
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

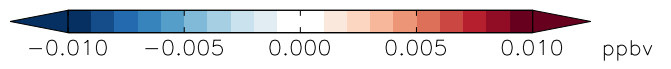
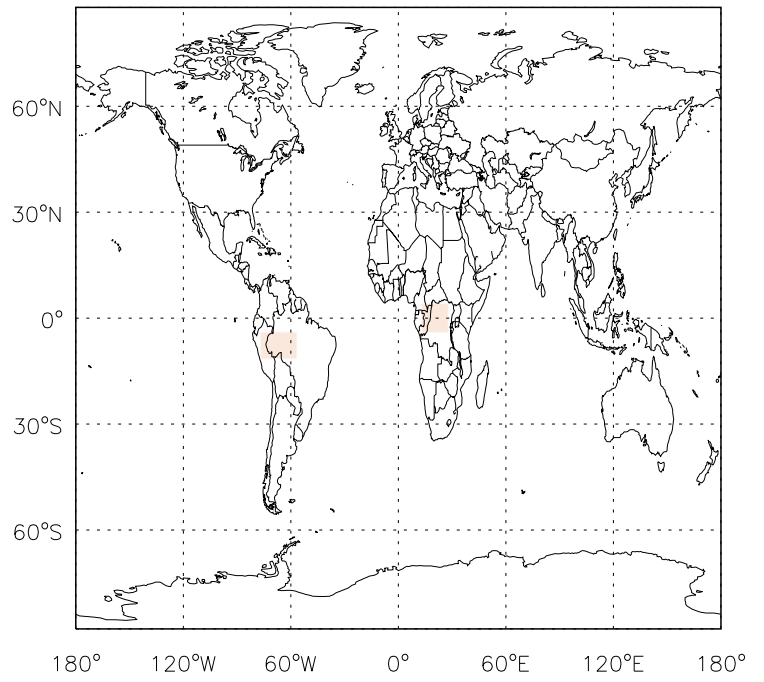
v11-01g-Run0 - v11-01f-geosfp-Run0

MVKN - Diff @ Surface for Jul



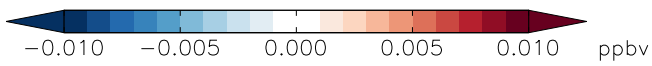
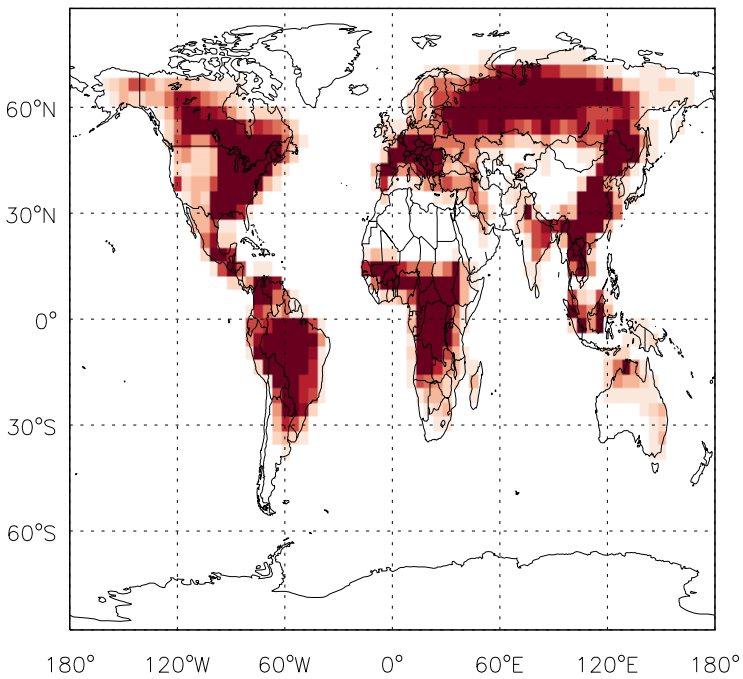
v11-01g-Run0 - v11-01f-geosfp-Run0

MVKN - Diff @ 500 hPa for Jul



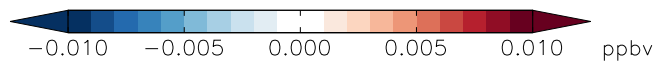
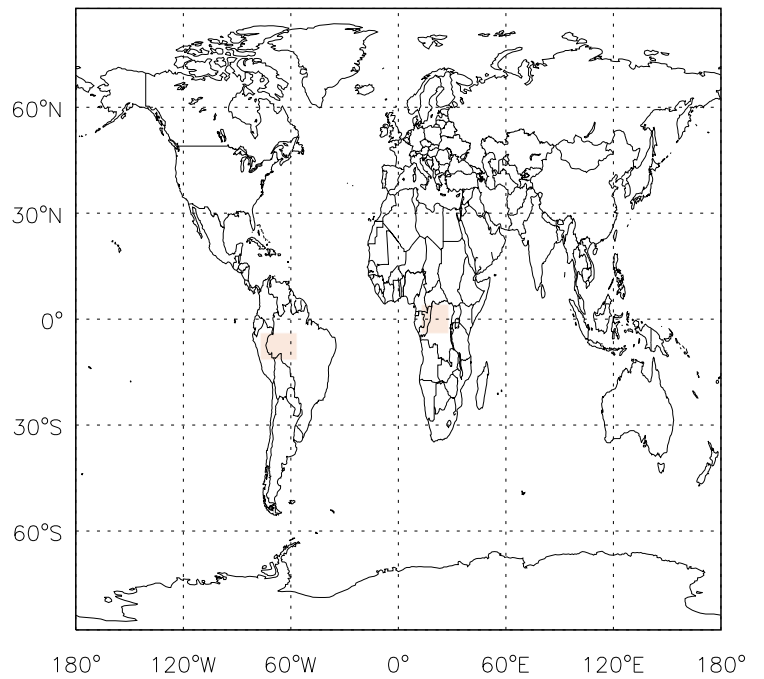
v11-01g-Run0 - v11-01d-Run1

MVKN - Diff @ Surface for Jul



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

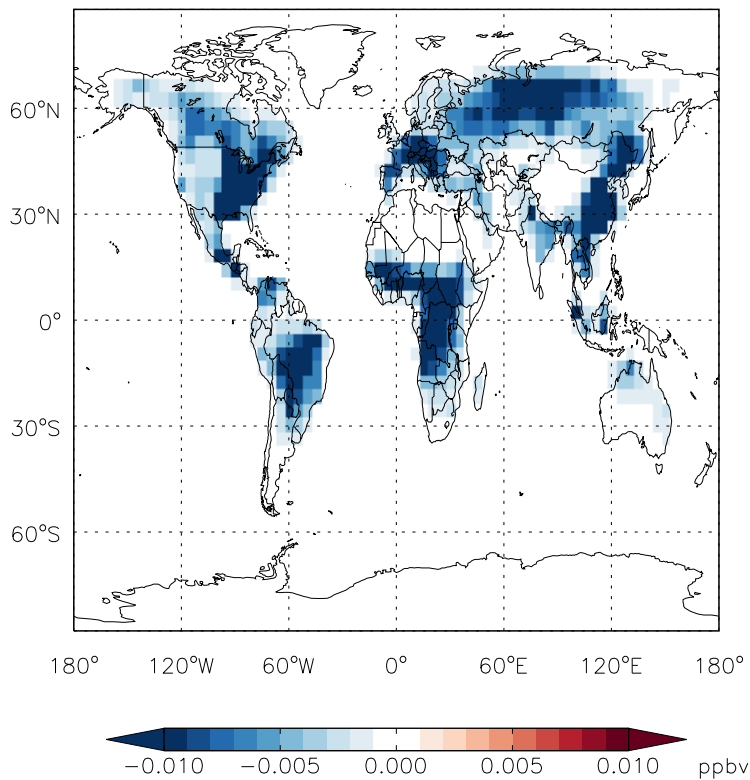
MVKN - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

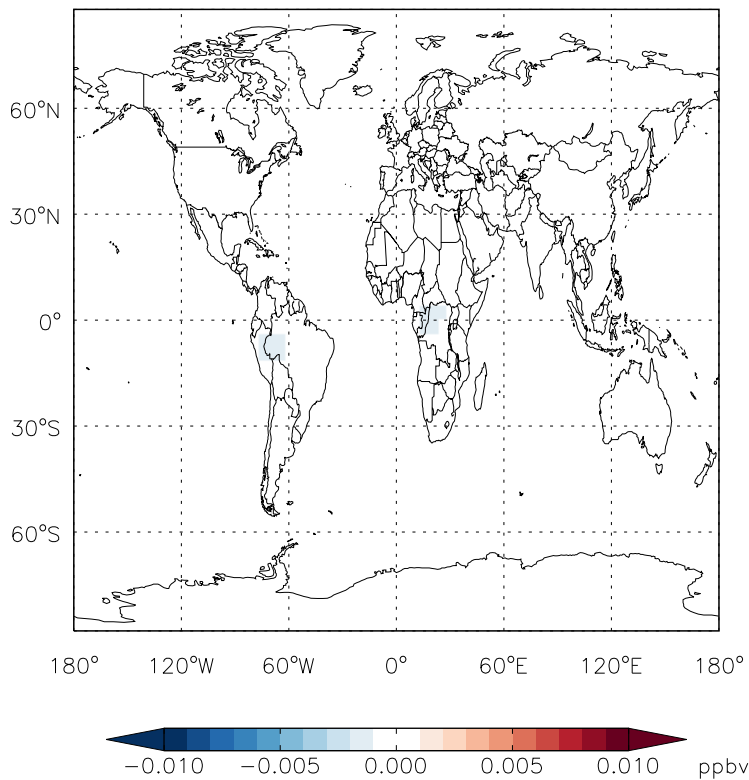
v11-01g-Run0 - v11-01f-geosfp-Run0

MACRN - Diff @ Surface for Jul



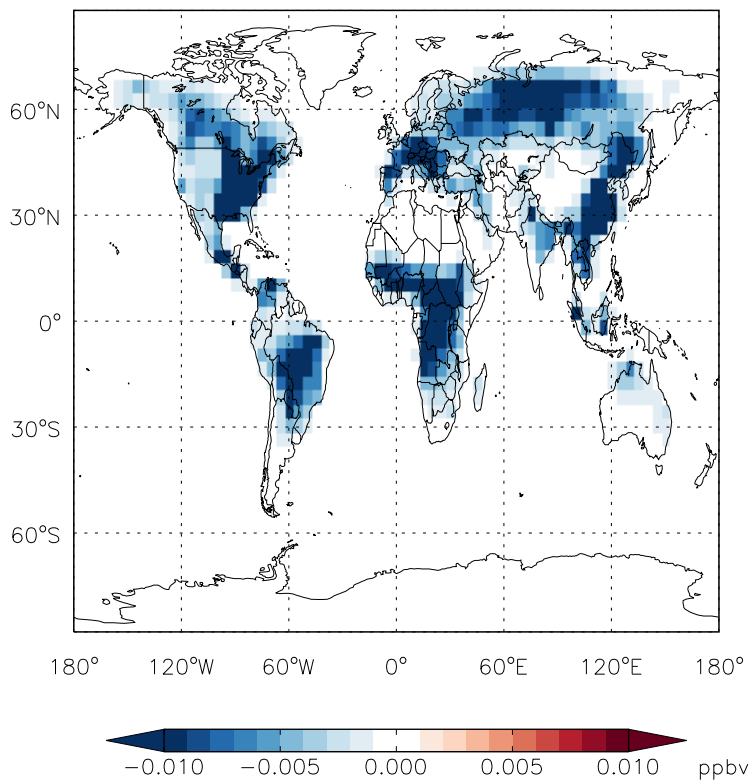
v11-01g-Run0 - v11-01f-geosfp-Run0

MACRN - Diff @ 500 hPa for Jul



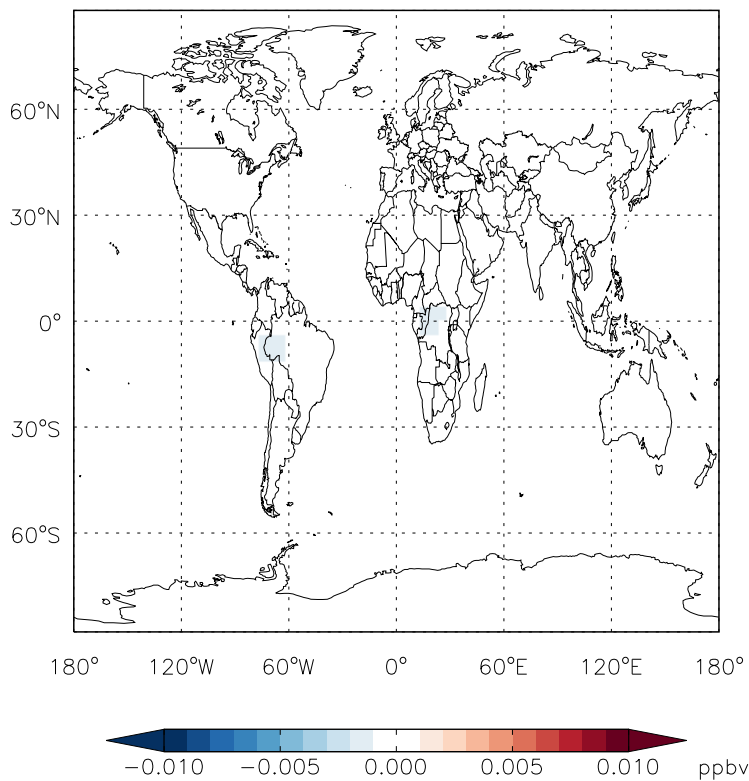
v11-01g-Run0 - v11-01d-Run1

MACRN - Diff @ Surface for Jul



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

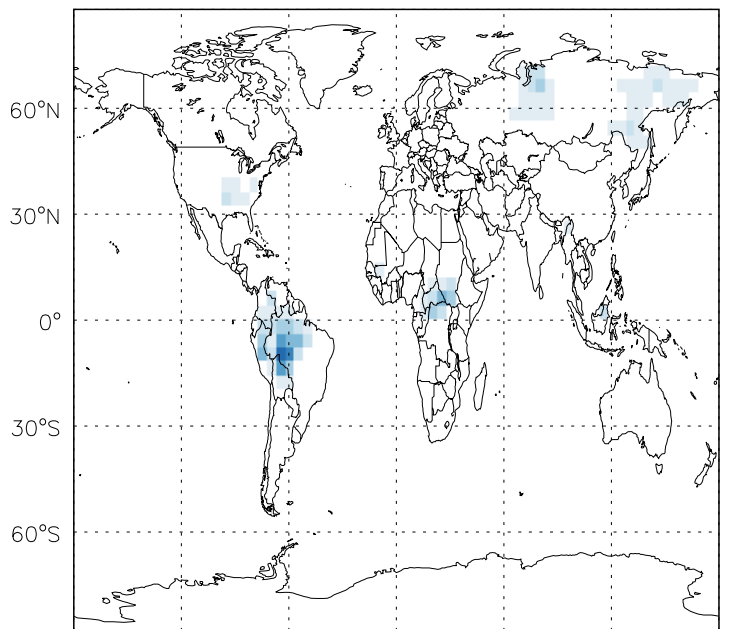
MACRN - Diff @ 500 hPa for Jul



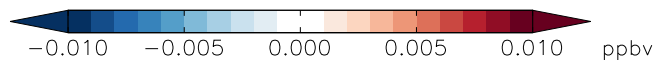
GEOS-Chem Difference Maps at surface and 500 hPa

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

RIP - Diff @ Surface for Jul

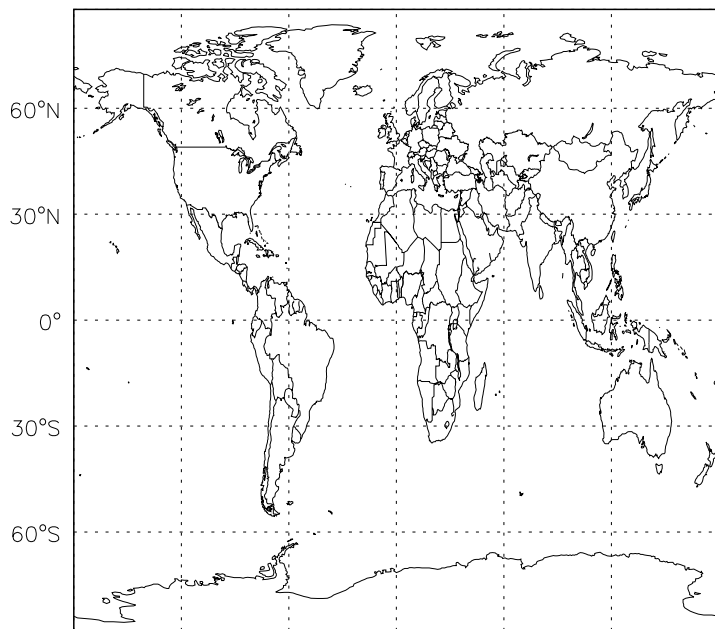


180° 120°W 60°W 0° 60°E 120°E 180°

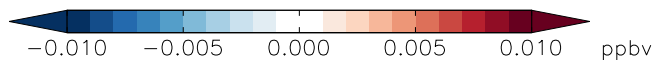


v11-01g-Run0 - v11-01f-geosfp-Run0

RIP - Diff @ 500 hPa for Jul

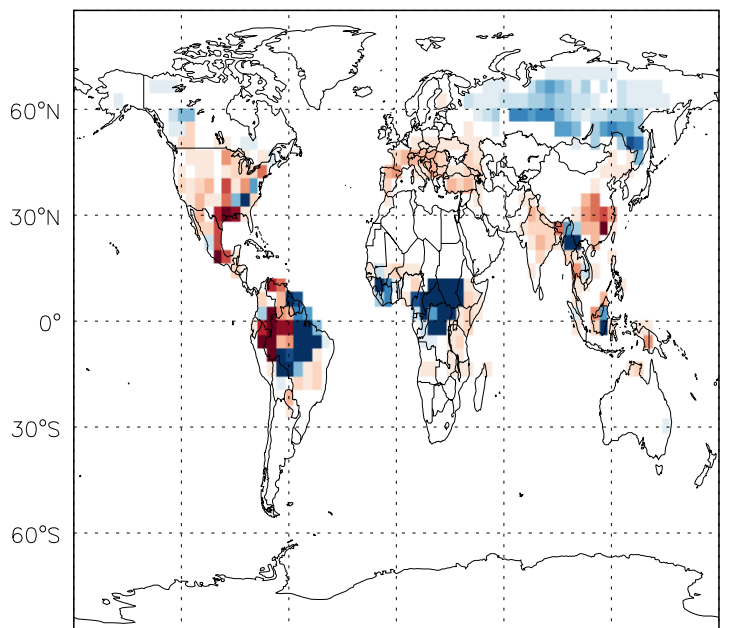


180° 120°W 60°W 0° 60°E 120°E 180°

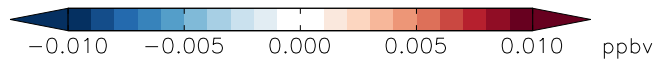


v11-01g-Run0 - v11-01d-Run1

RIP - Diff @ Surface for Jul

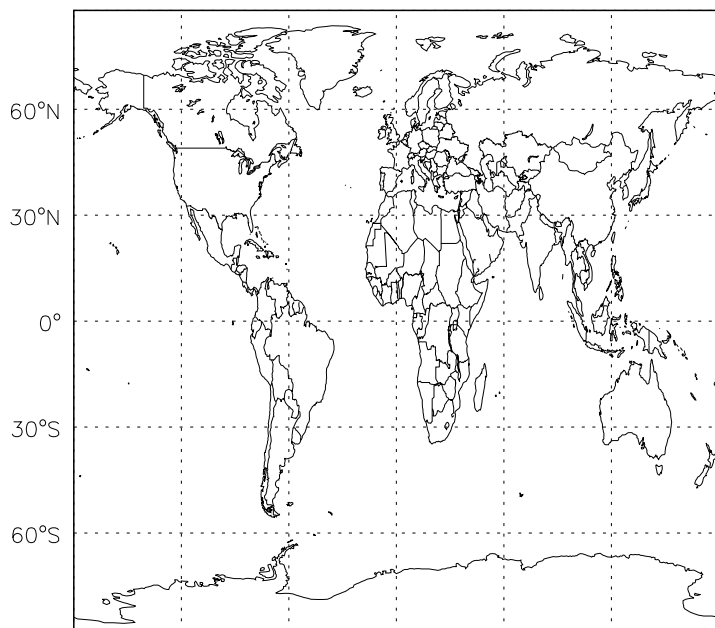


180° 120°W 60°W 0° 60°E 120°E 180°

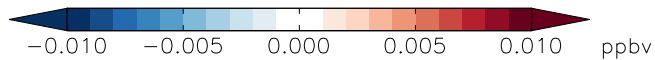


v11-01g-Run0 - v11-01d-Run1

RIP - Diff @ 500 hPa for Jul



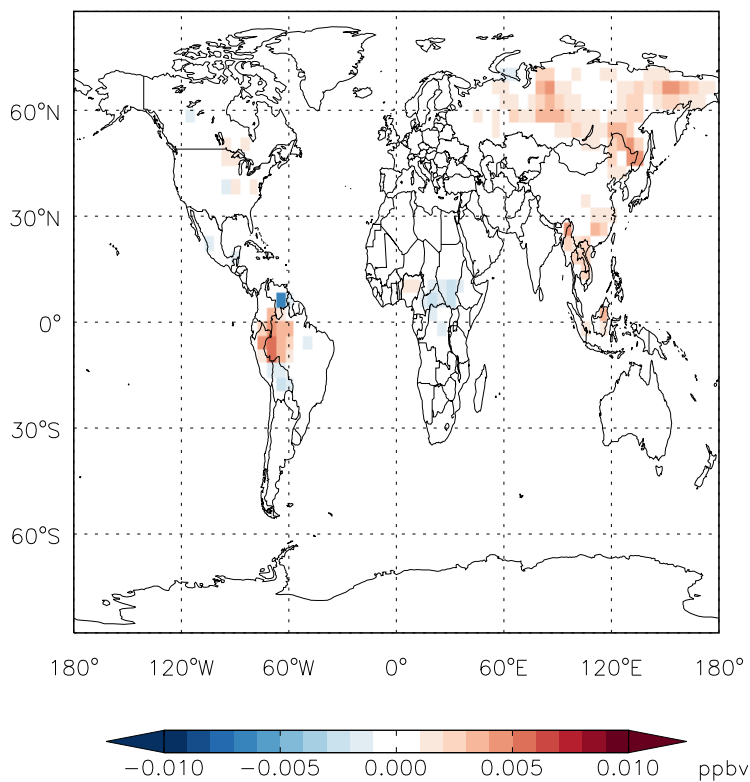
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

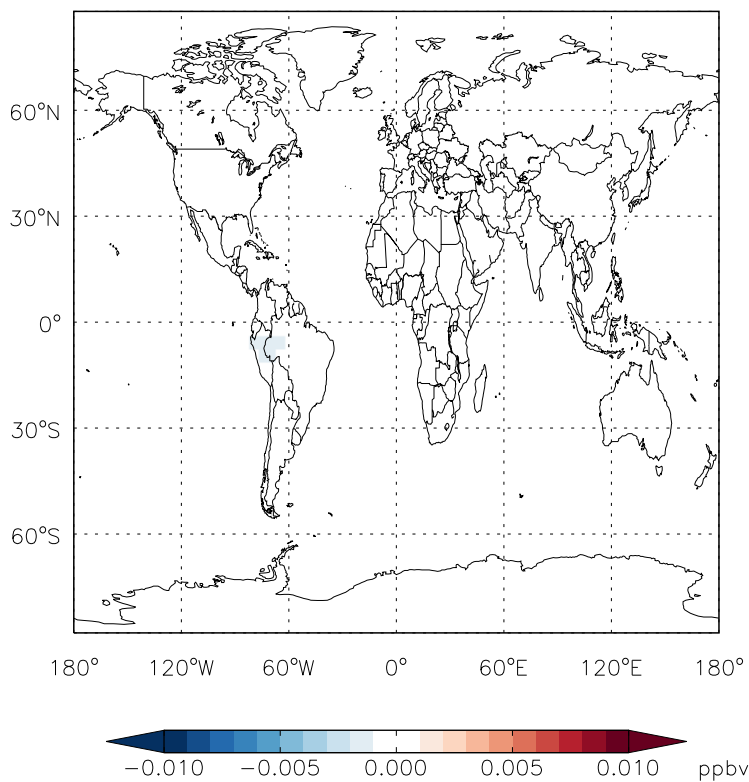
v11-01g-Run0 - v11-01f-geosfp-Run0

IEPOX - Diff @ Surface for Jul



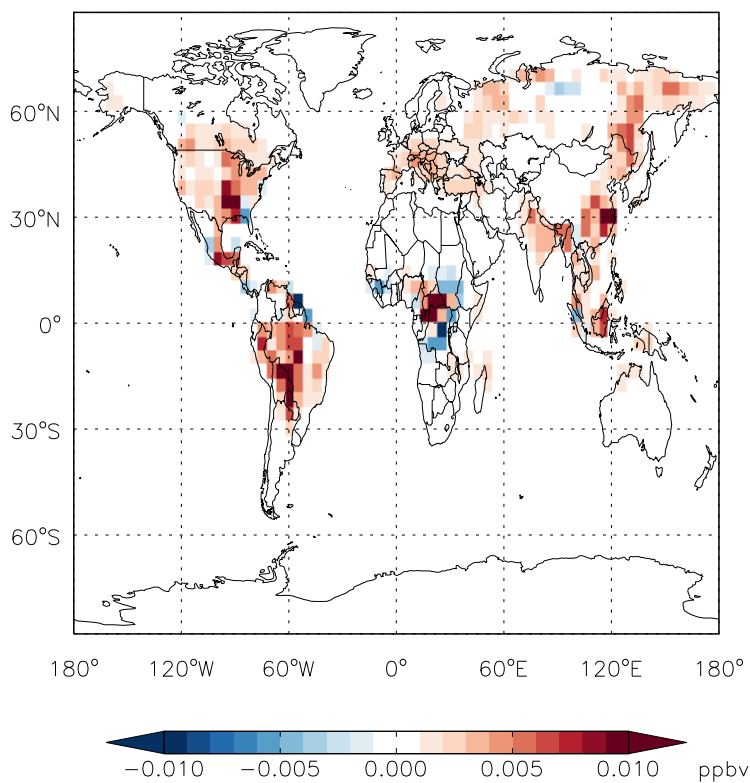
v11-01g-Run0 - v11-01f-geosfp-Run0

IEPOX - Diff @ 500 hPa for Jul



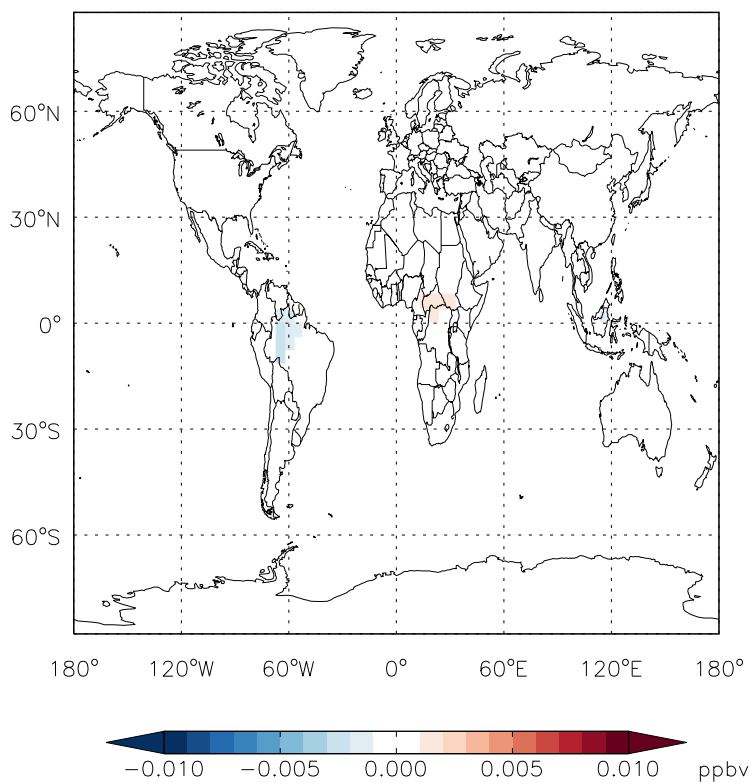
v11-01g-Run0 - v11-01d-Run1

IEPOX - Diff @ Surface for Jul



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

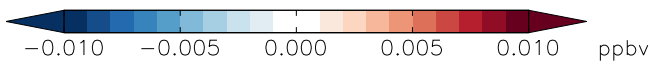
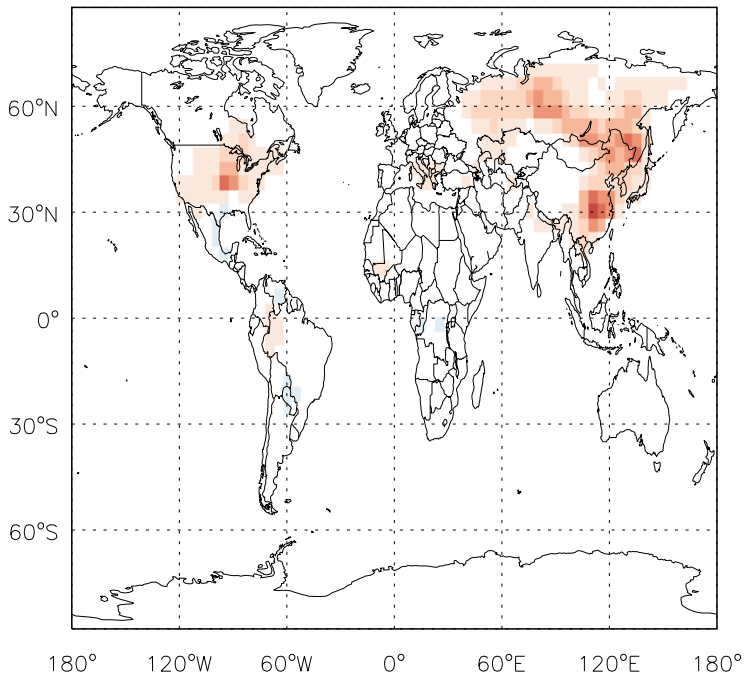
IEPOX - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

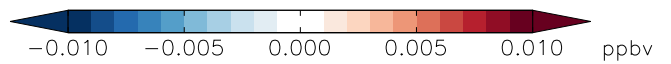
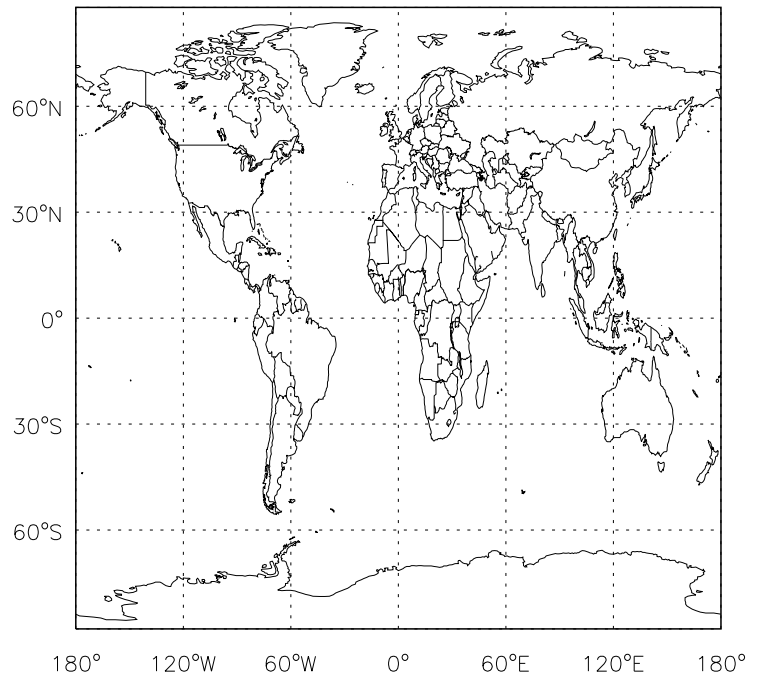
v11-01g-Run0 - v11-01f-geosfp-Run0

MAP - Diff @ Surface for Jul



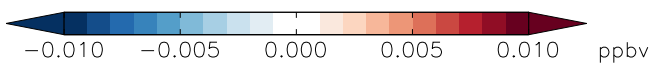
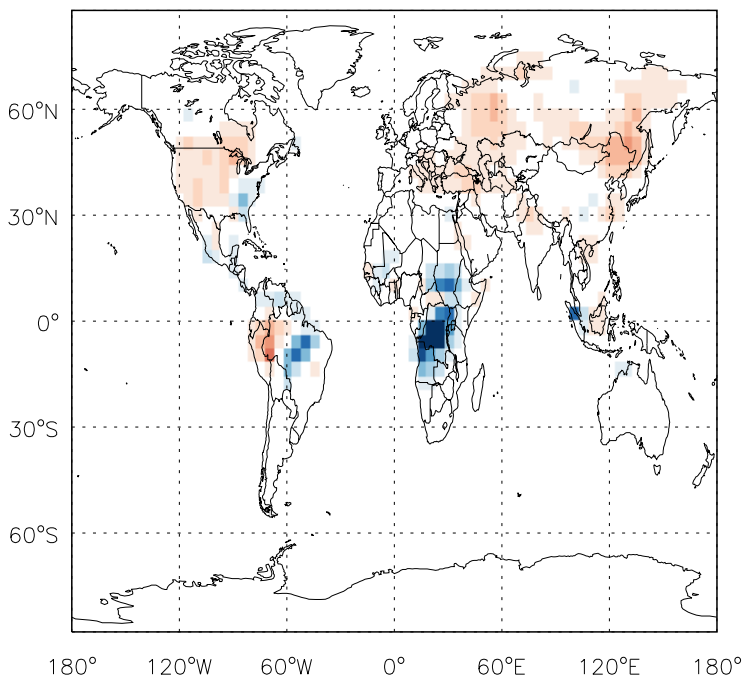
v11-01g-Run0 - v11-01f-geosfp-Run0

MAP - Diff @ 500 hPa for Jul



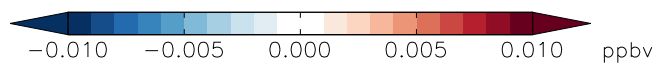
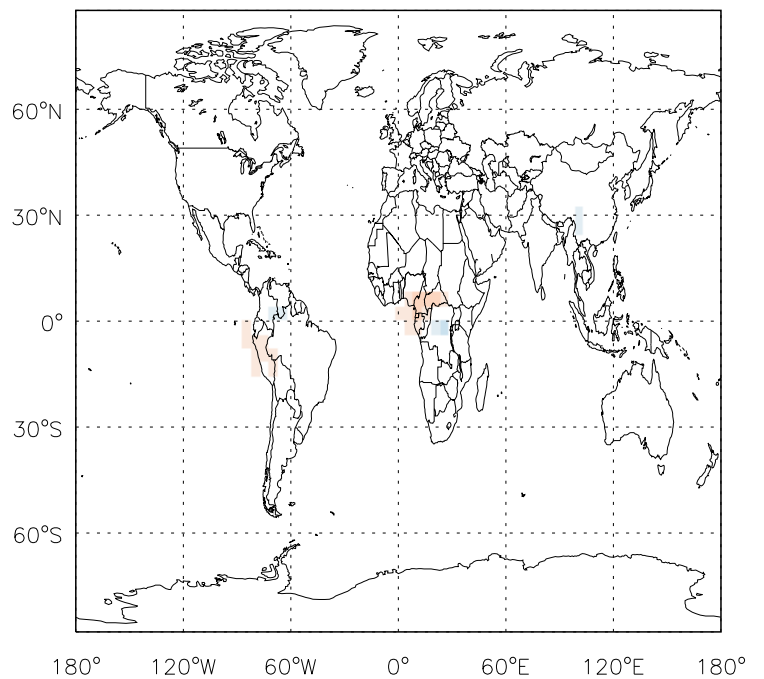
v11-01g-Run0 - v11-01d-Run1

MAP - Diff @ Surface for Jul



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

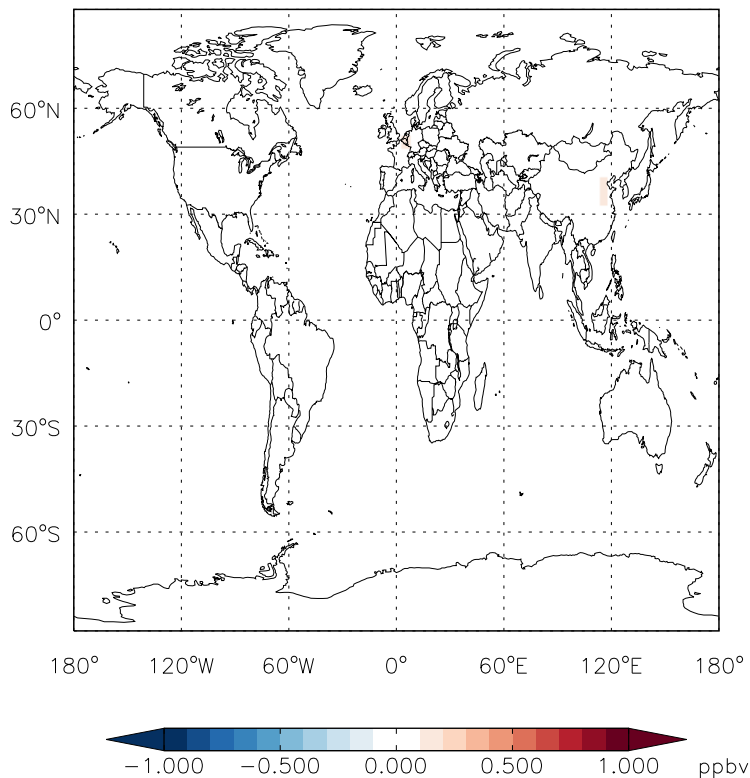
MAP - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

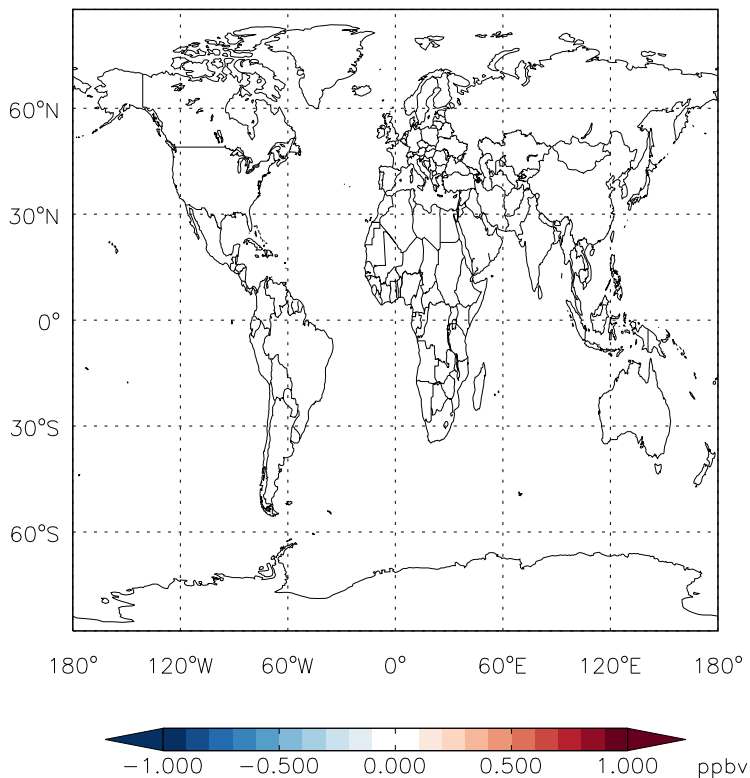
v11-01g-Run0 - v11-01f-geosfp-Run0

N₂ - Diff @ Surface for Jul



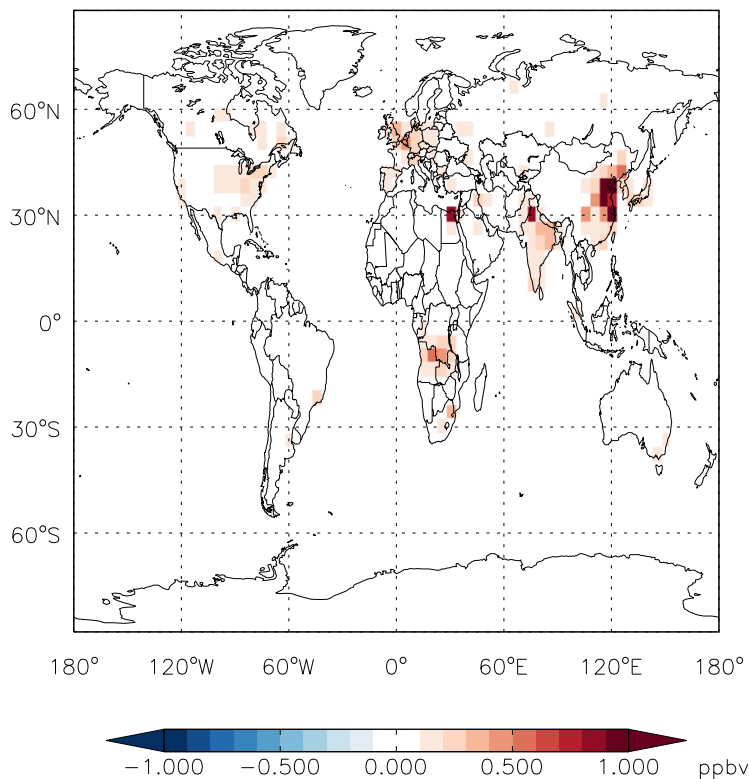
v11-01g-Run0 - v11-01f-geosfp-Run0

N₂ - Diff @ 500 hPa for Jul



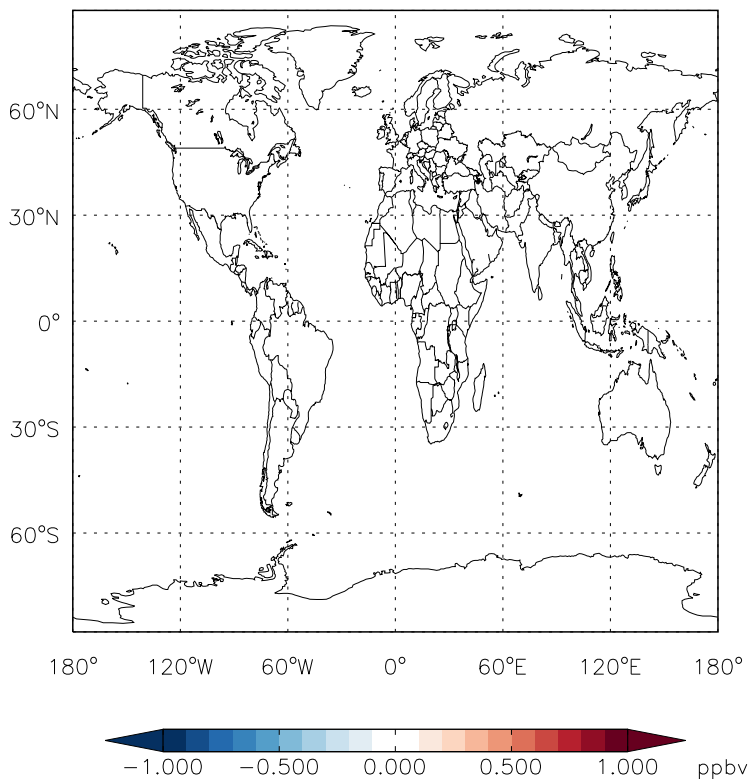
v11-01g-Run0 - v11-01d-Run1

N₂ - Diff @ Surface for Jul



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

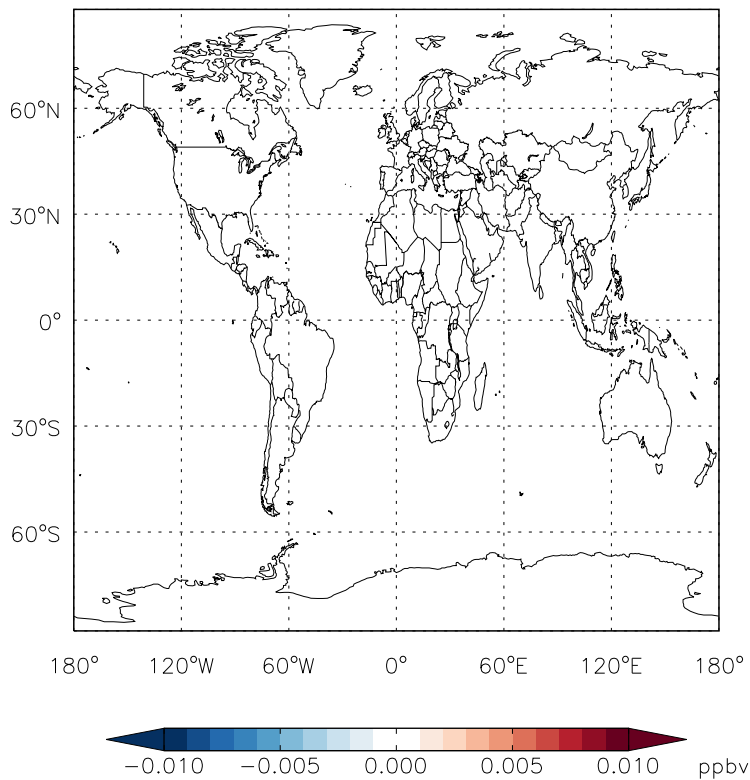
N₂ - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

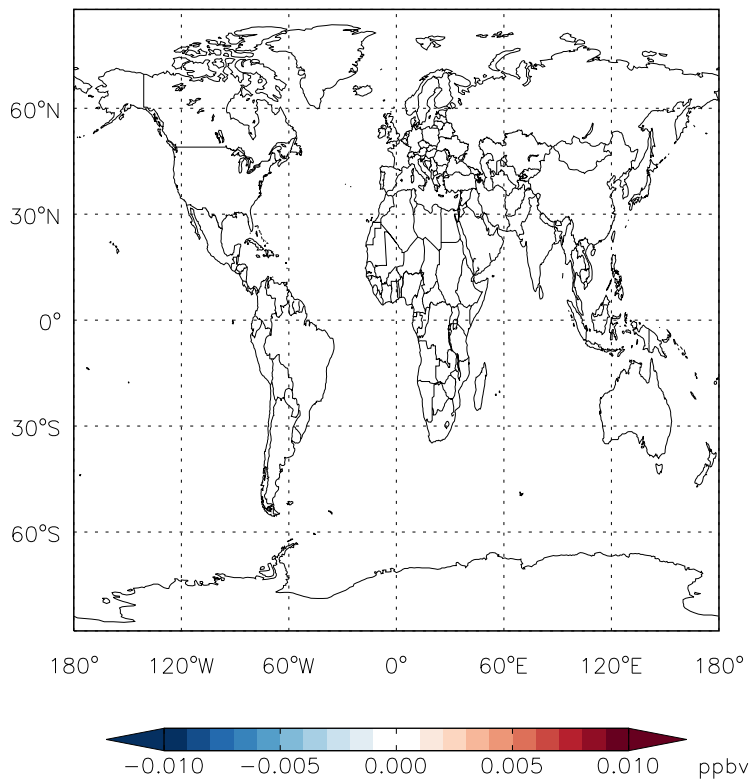
v11-01g-Run0 - v11-01f-geosfp-Run0

NO₃ - Diff @ Surface for Jul



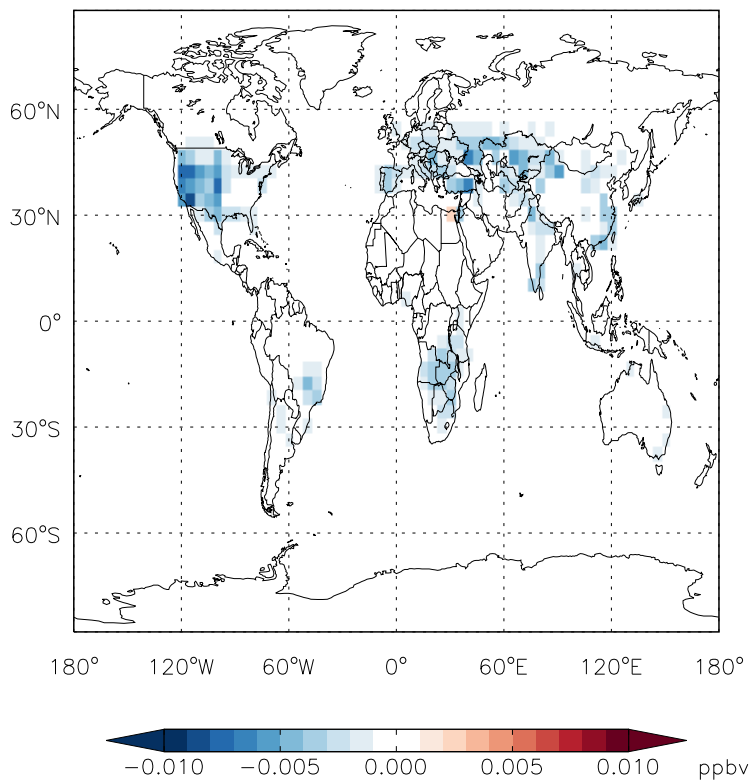
v11-01g-Run0 - v11-01f-geosfp-Run0

NO₃ - Diff @ 500 hPa for Jul



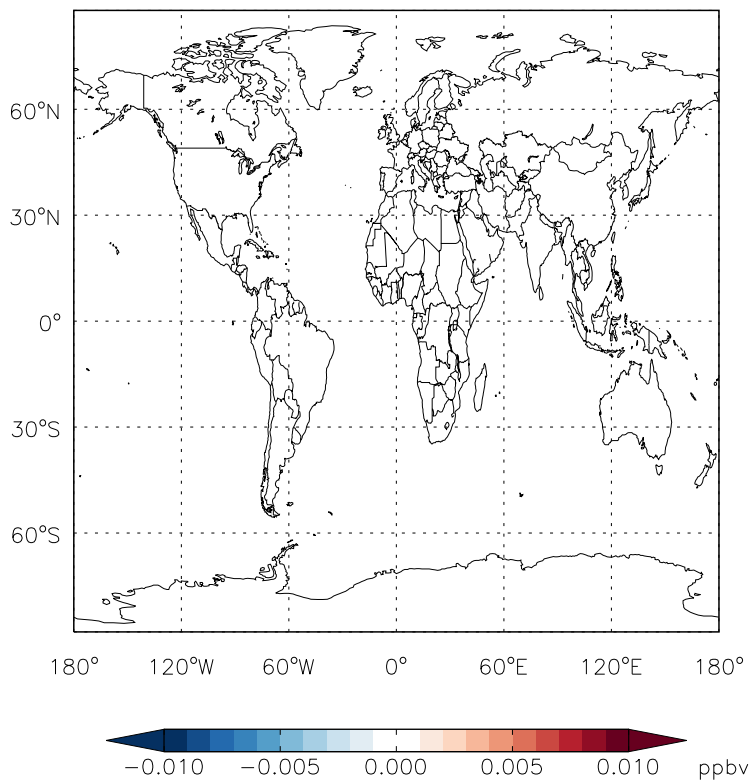
v11-01g-Run0 - v11-01d-Run1

NO₃ - Diff @ Surface for Jul



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

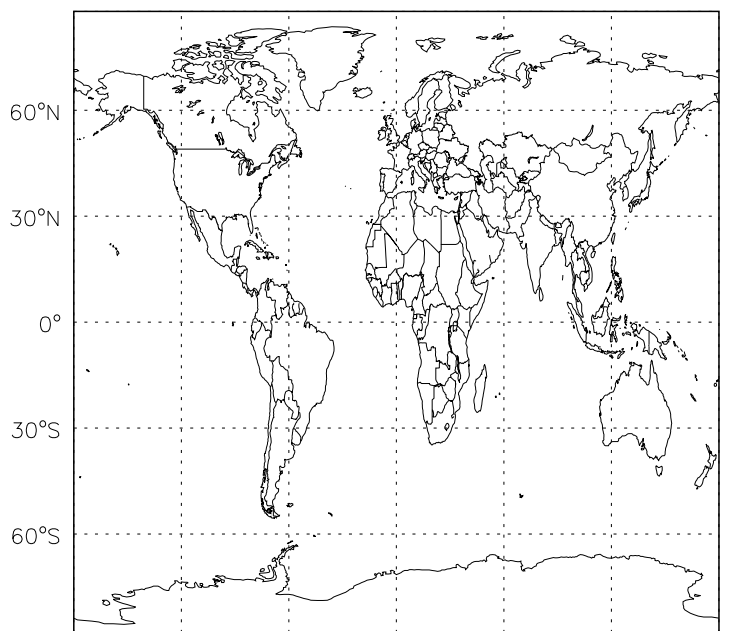
NO₃ - Diff @ 500 hPa for Jul



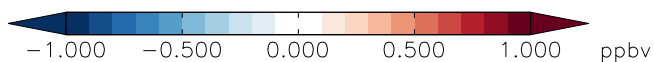
GEOS-Chem Difference Maps at surface and 500 hPa

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

HN02 - Diff @ Surface for Jul

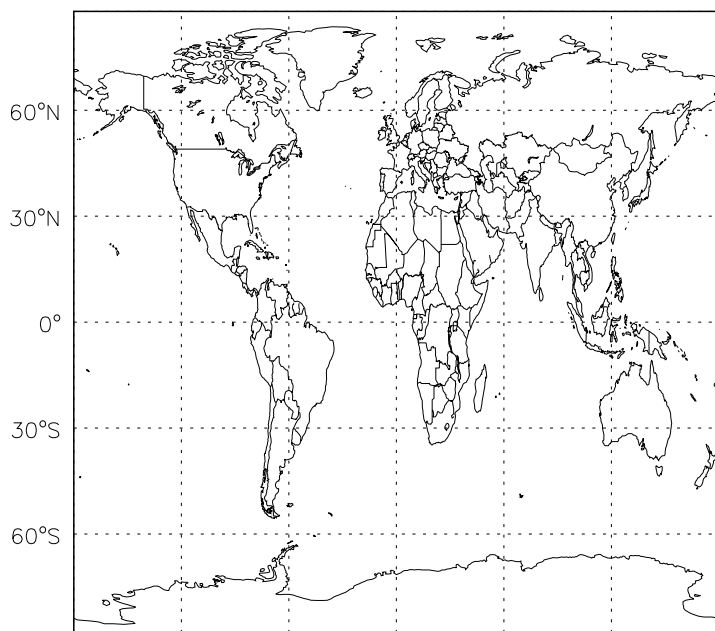


180° 120°W 60°W 0° 60°E 120°E 180°

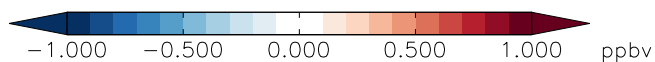


v11-01g-Run0 - v11-01f-geosfp-Run0

HN02 - Diff @ 500 hPa for Jul

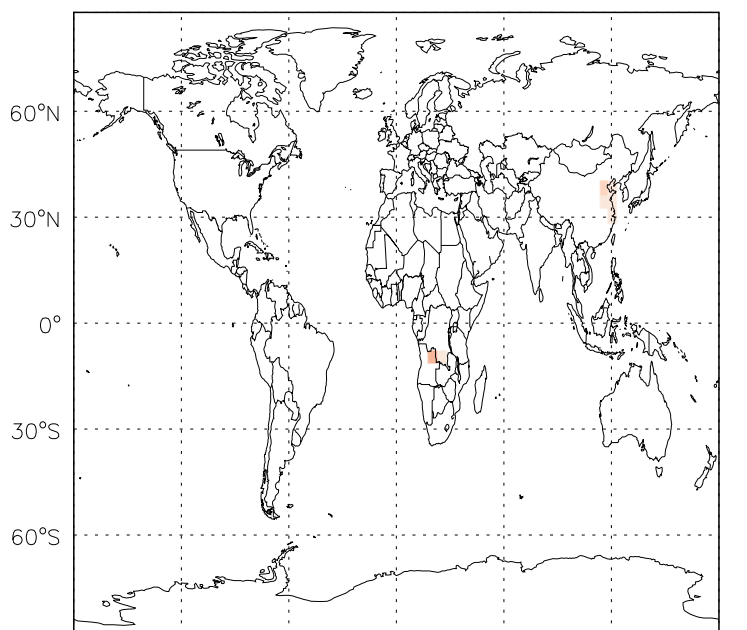


180° 120°W 60°W 0° 60°E 120°E 180°

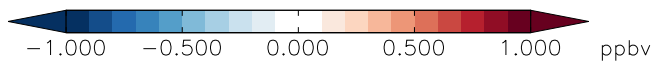


v11-01g-Run0 - v11-01d-Run1

HN02 - Diff @ Surface for Jul

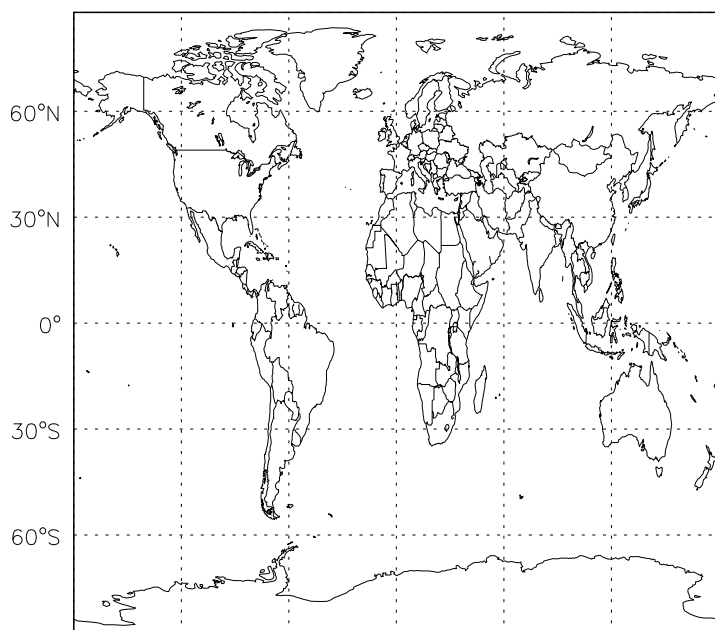


180° 120°W 60°W 0° 60°E 120°E 180°

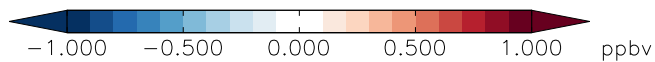


v11-01g-Run0 - v11-01d-Run1

HN02 - Diff @ 500 hPa for Jul

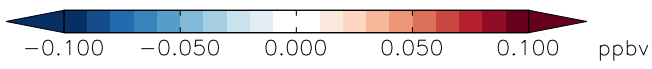
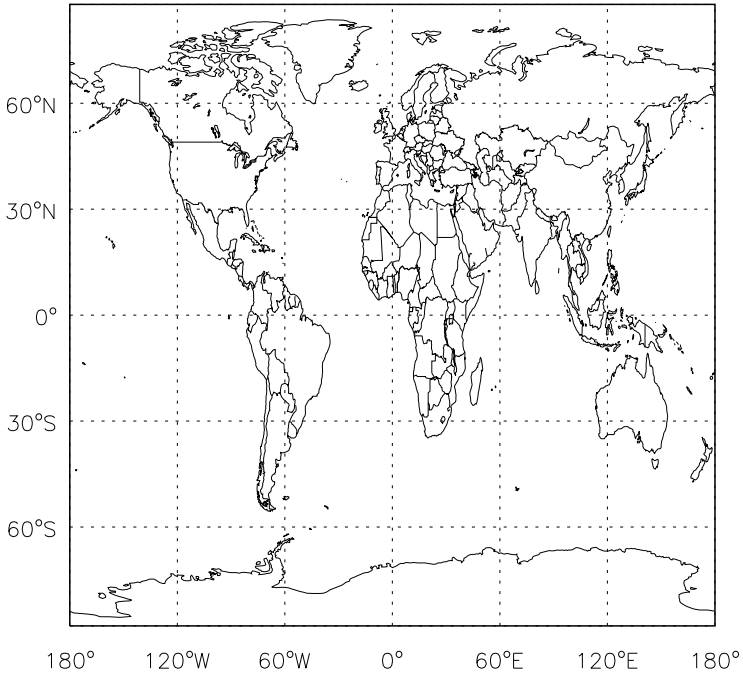


180° 120°W 60°W 0° 60°E 120°E 180°

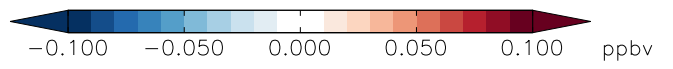
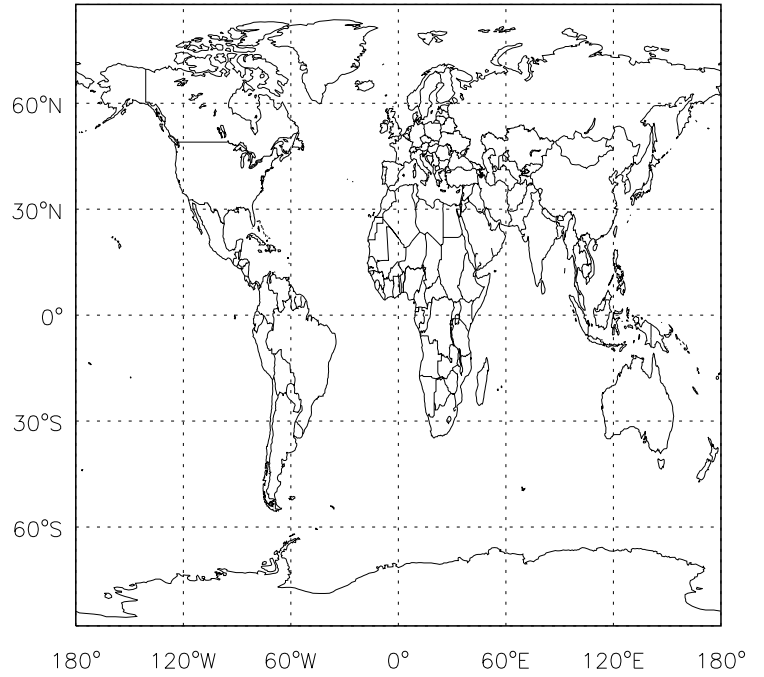


GEOS-Chem Difference Maps at surface and 500 hPa

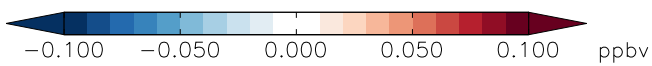
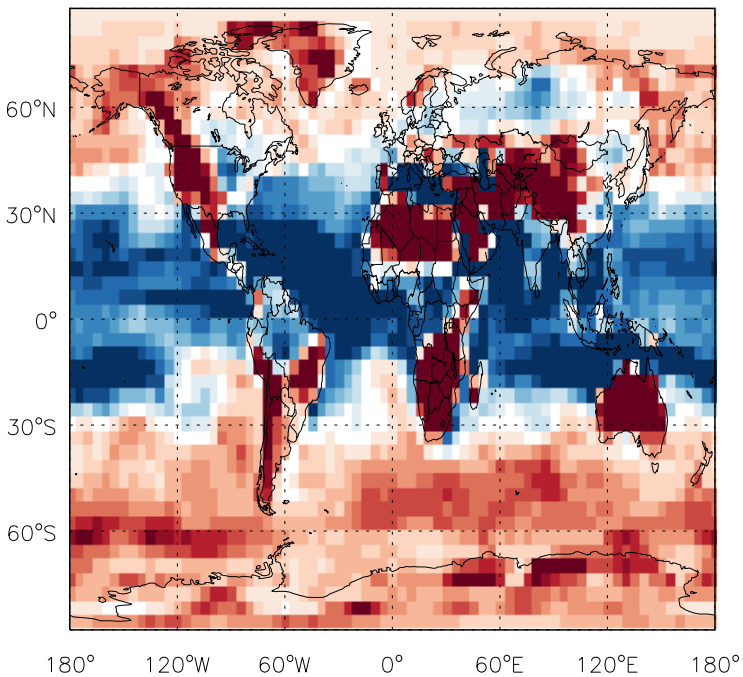
v11-01g-Run0 - v11-01f-geosfp-Run0
N2O - Diff @ Surface for Jul



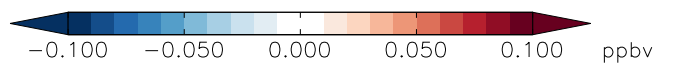
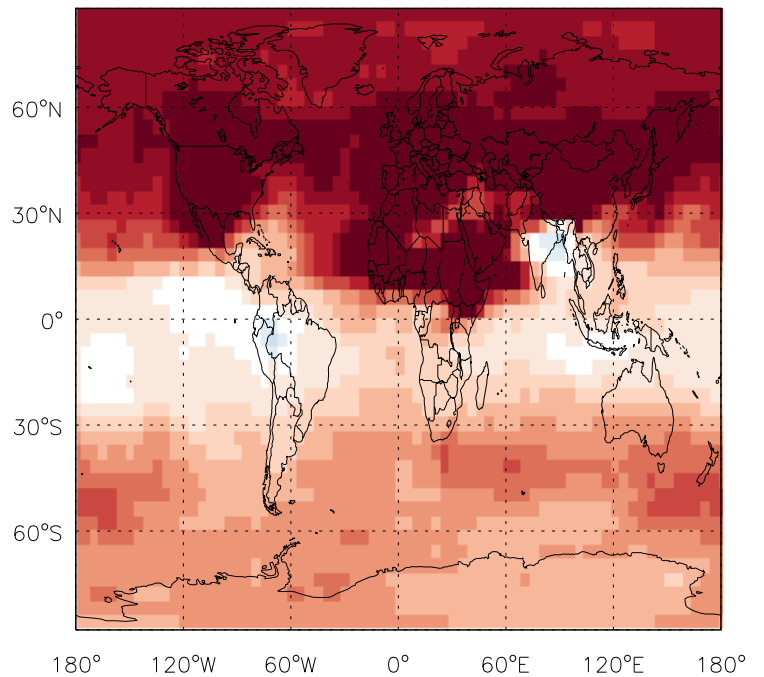
v11-01g-Run0 - v11-01f-geosfp-Run0
N2O - Diff @ 500 hPa for Jul



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



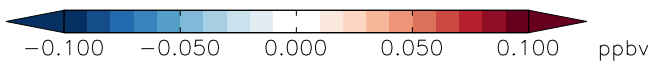
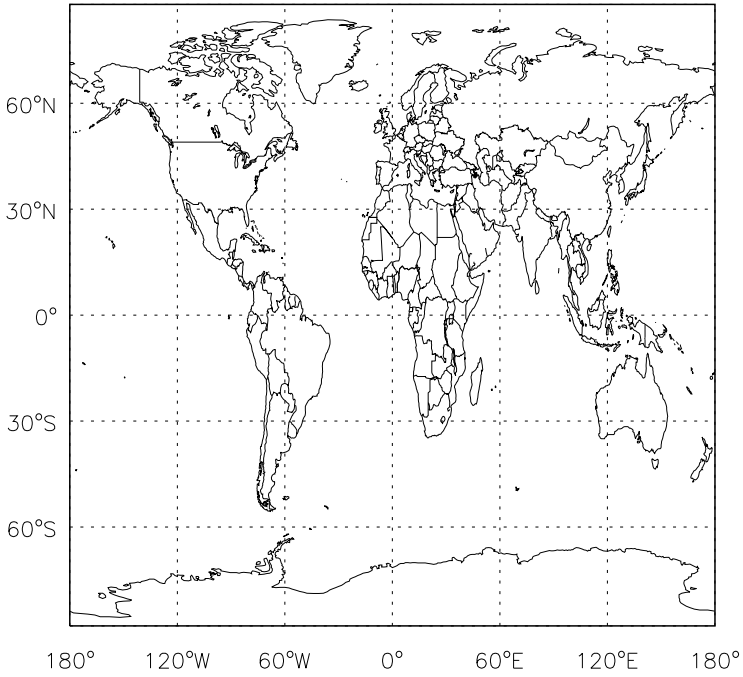
v11-01g-Run0 - v11-01d-Run1
N2O - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

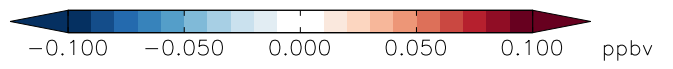
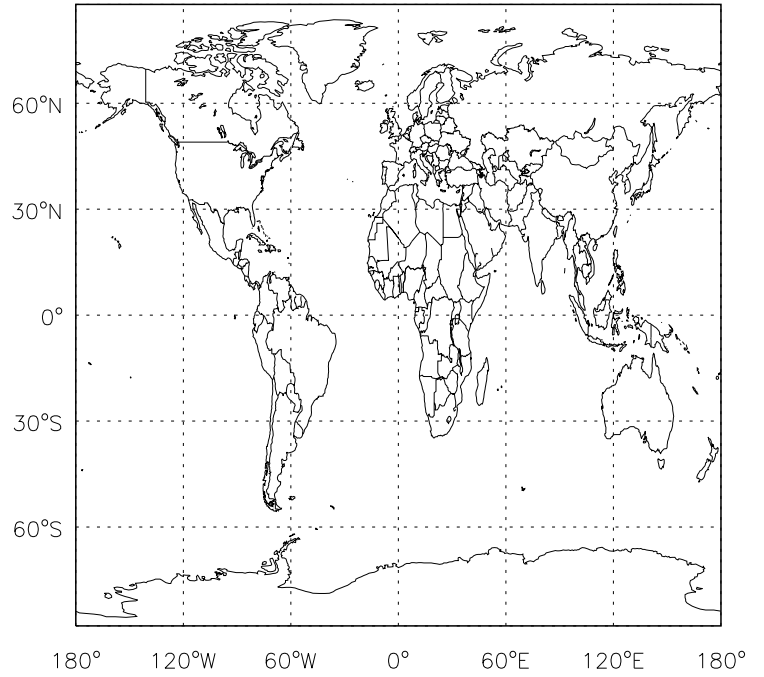
v11-01g-Run0 - v11-01f-geosfp-Run0

OCS - Diff @ Surface for Jul



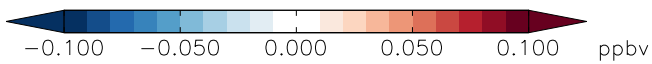
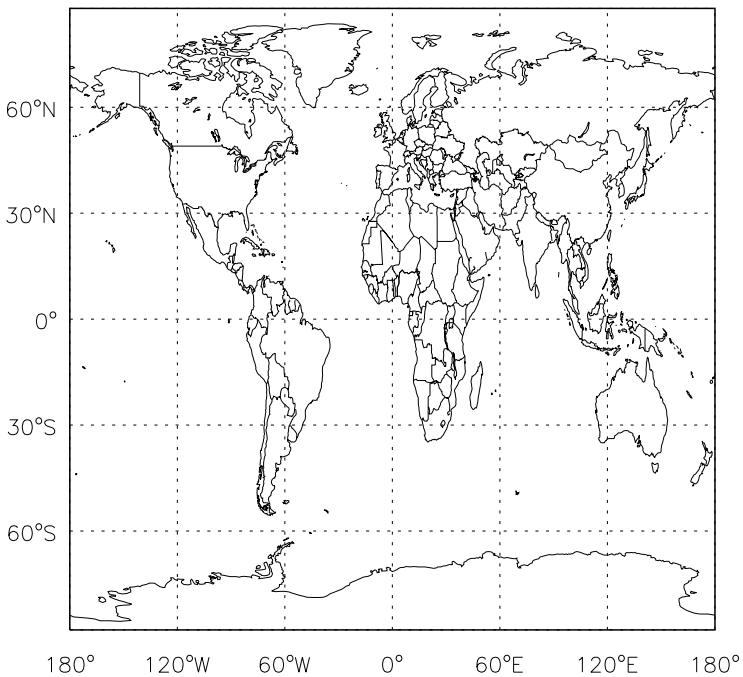
v11-01g-Run0 - v11-01f-geosfp-Run0

OCS - Diff @ 500 hPa for Jul



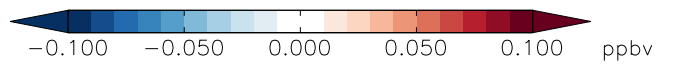
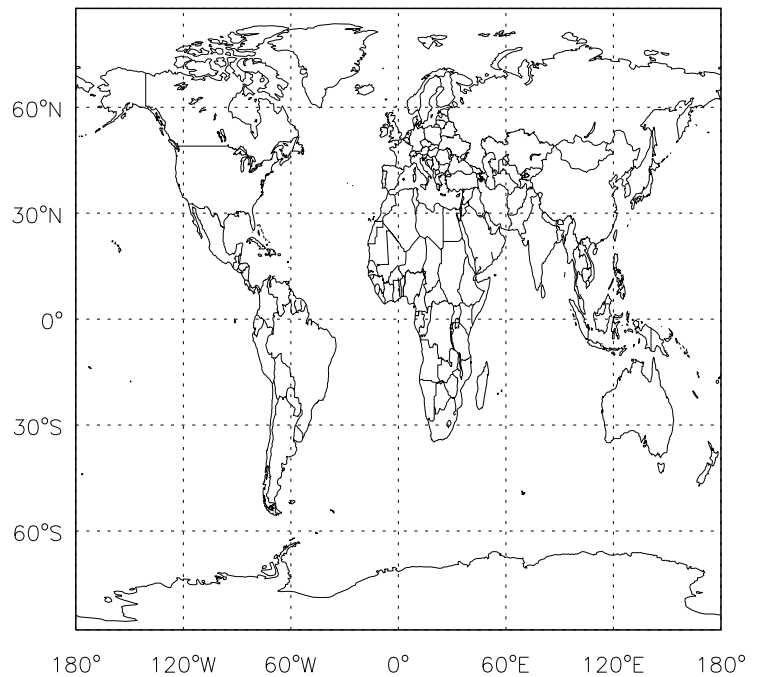
v11-01g-Run0 - v11-01d-Run1

OCS - Diff @ Surface for Jul



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

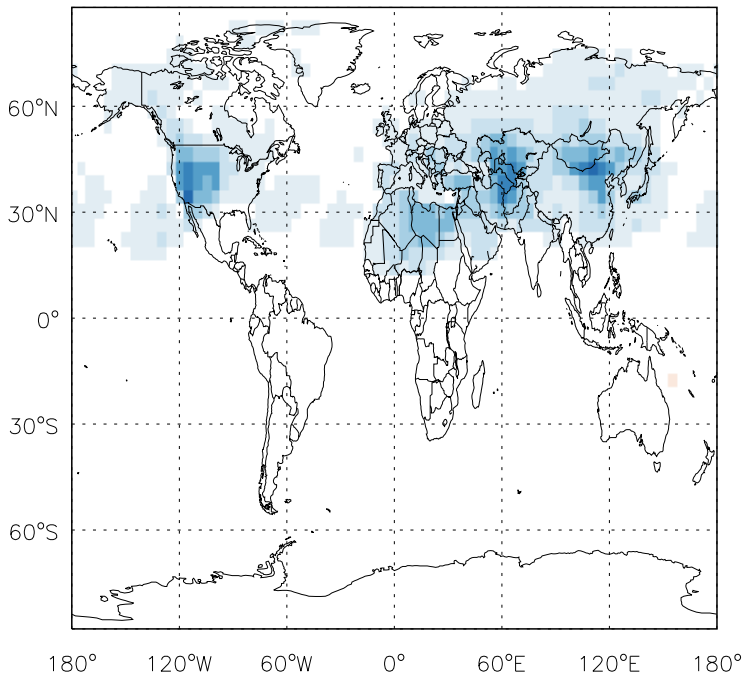
OCS - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

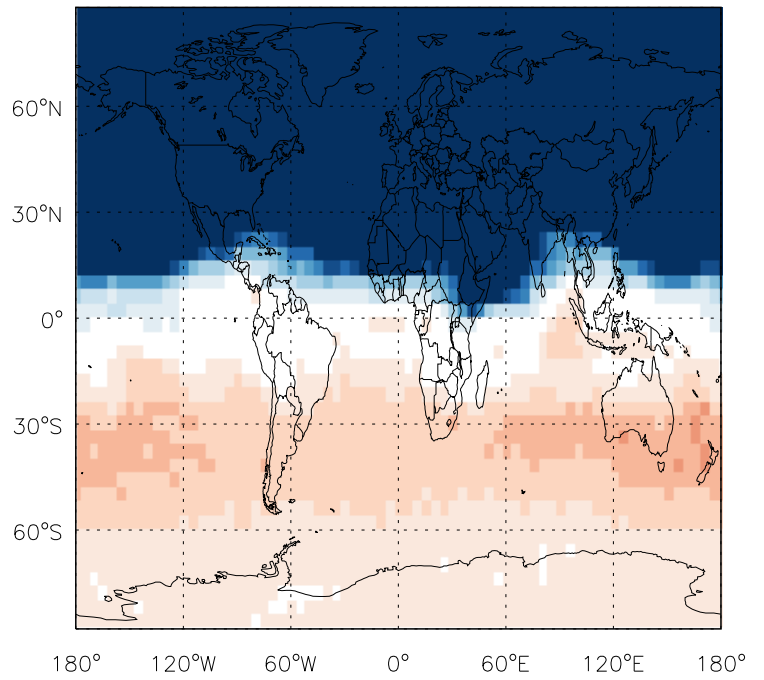
v11-01g-Run0 - v11-01f-geosfp-Run0

CH4 - Diff @ Surface for Jul



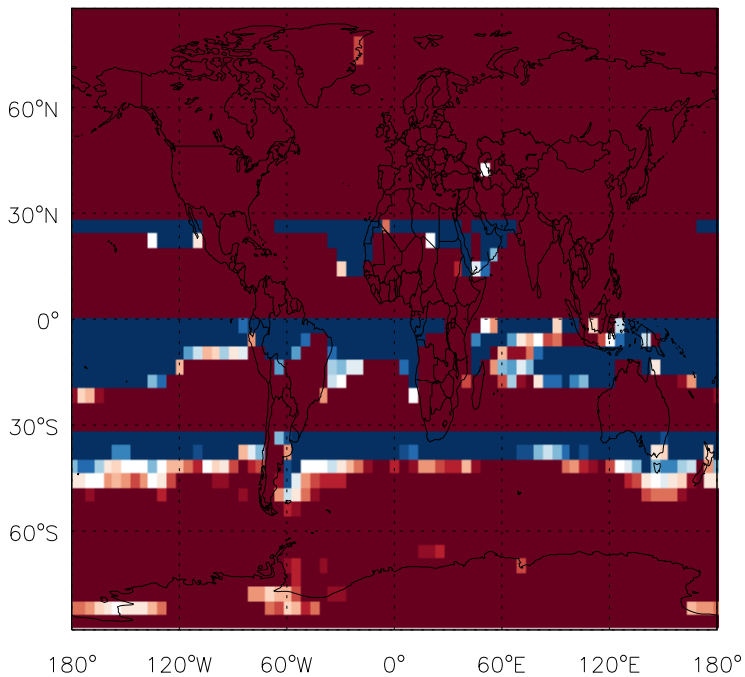
v11-01g-Run0 - v11-01f-geosfp-Run0

CH4- Diff @ 500 hPa for Jul



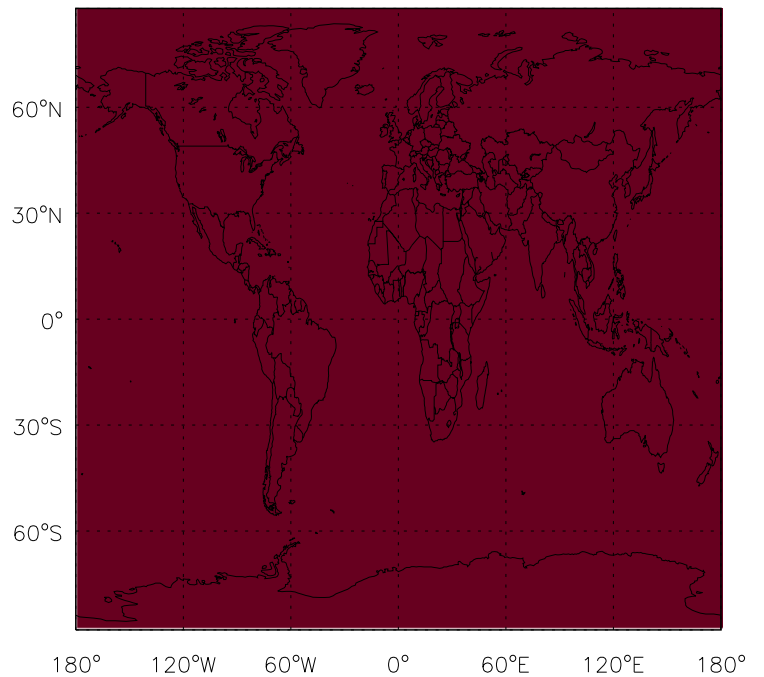
v11-01g-Run0 - v11-01d-Run1

CH4 - Diff @ Surface for Jul



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

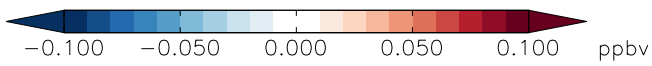
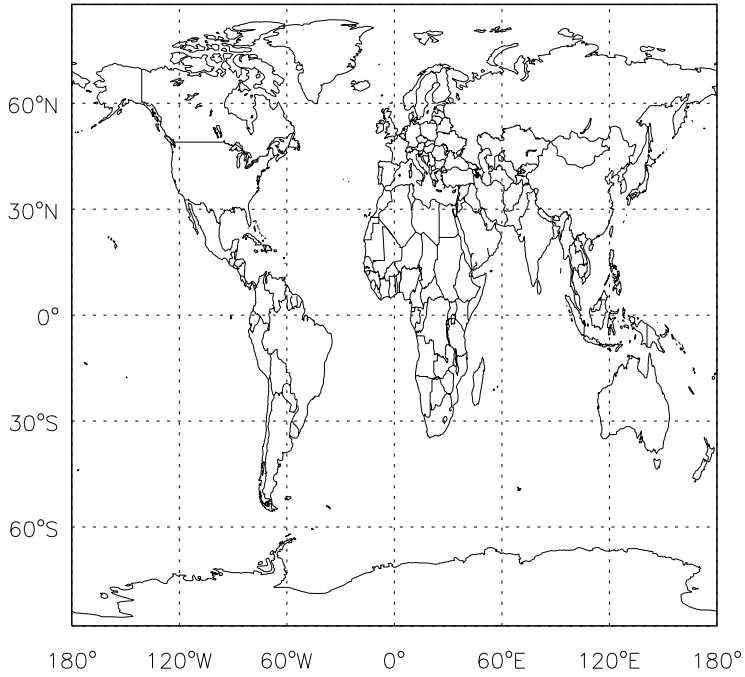
CH4- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

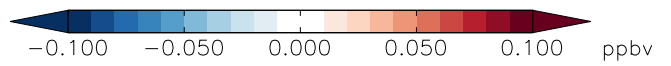
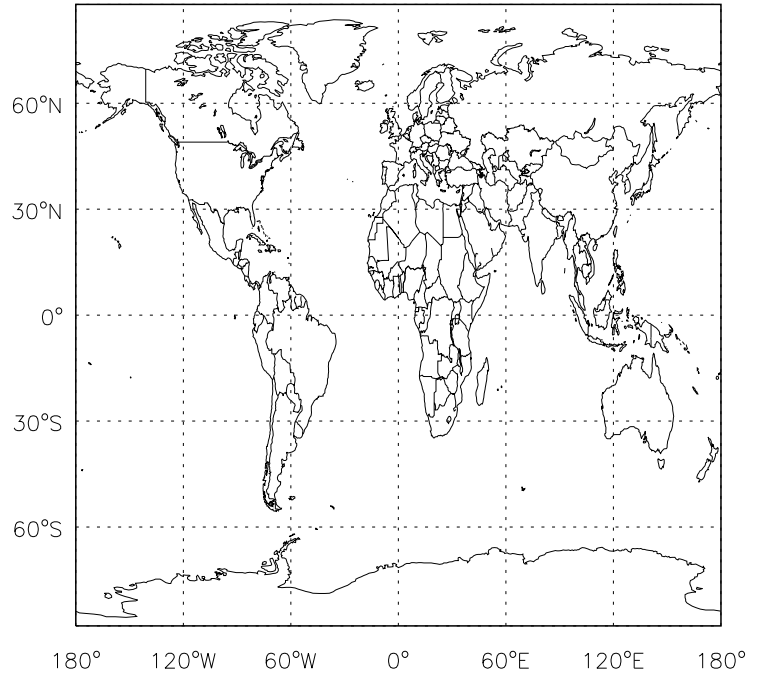
v11-01g-Run0 - v11-01f-geosfp-Run0

BrCl - Diff @ Surface for Jul



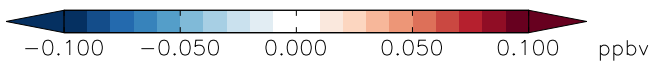
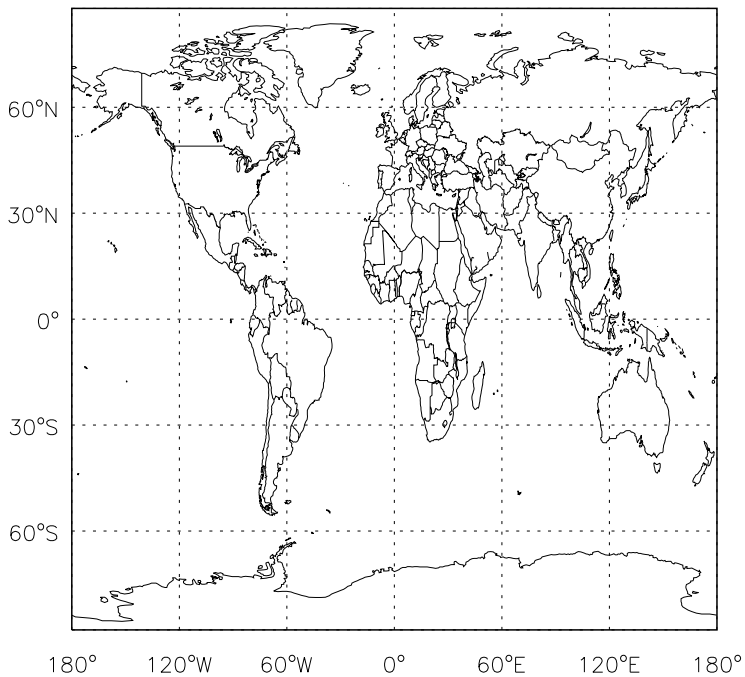
v11-01g-Run0 - v11-01f-geosfp-Run0

BrCl - Diff @ 500 hPa for Jul



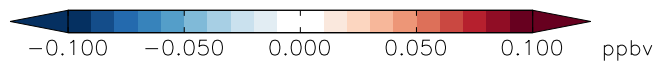
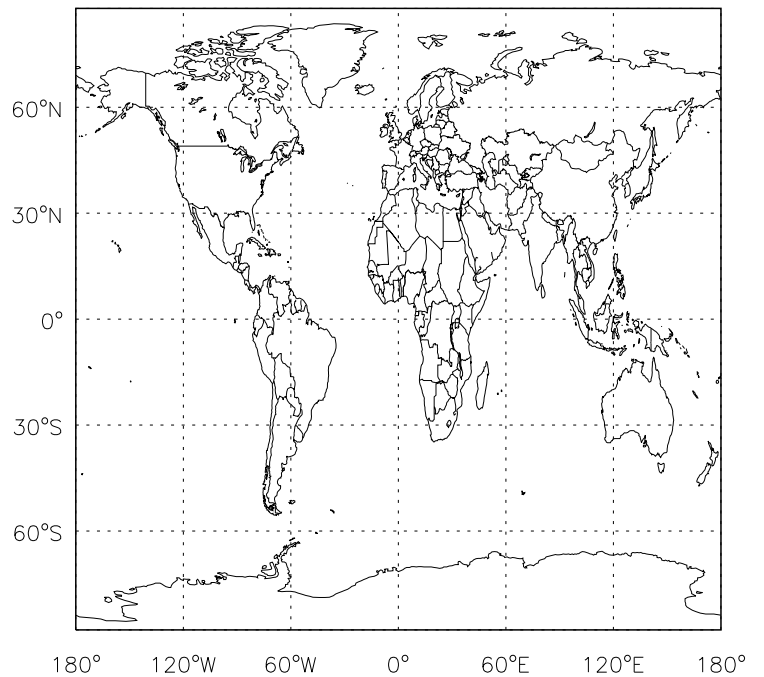
v11-01g-Run0 - v11-01d-Run1

BrCl - Diff @ Surface for Jul



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

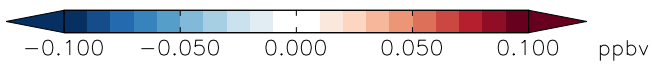
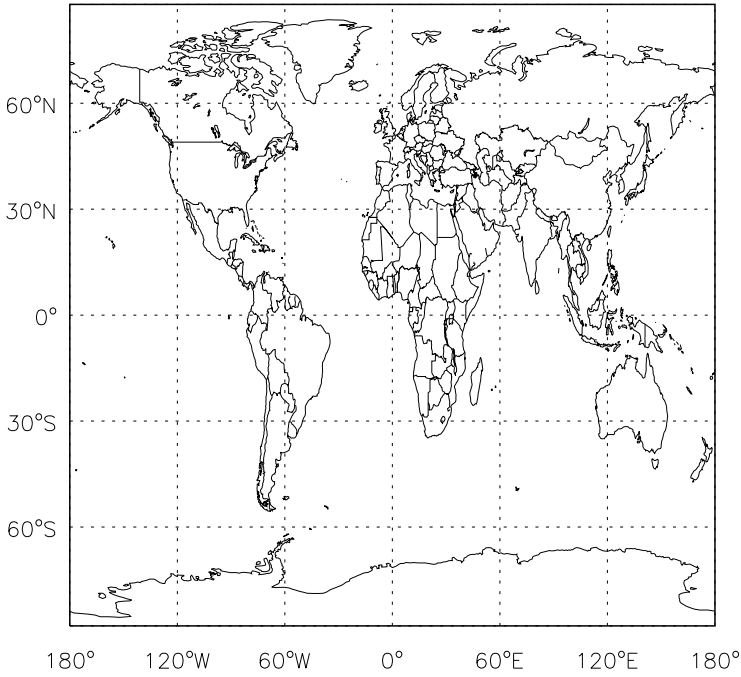
BrCl - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

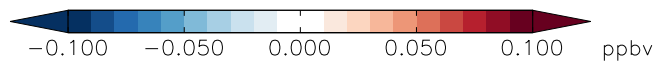
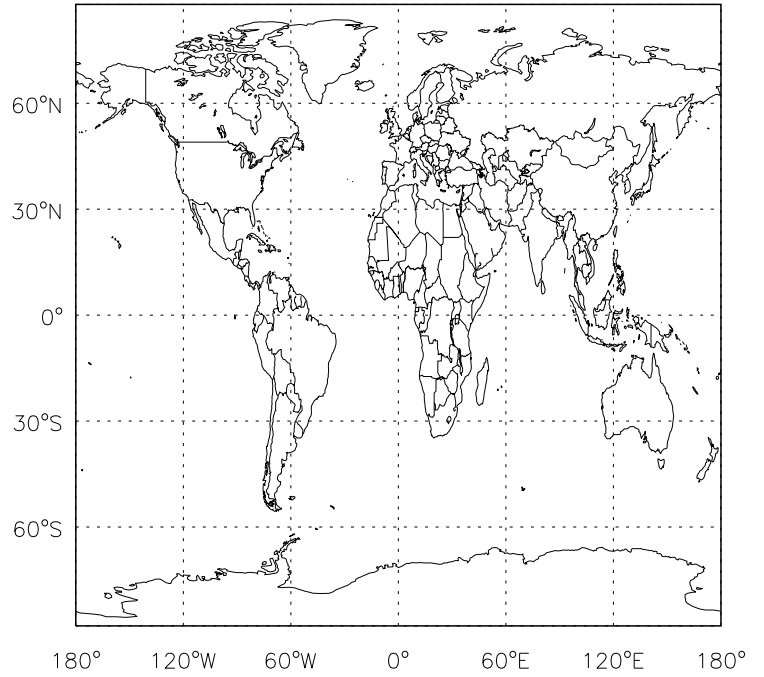
v11-01g-Run0 - v11-01f-geosfp-Run0

HCl - Diff @ Surface for Jul



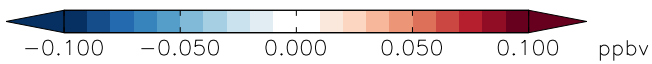
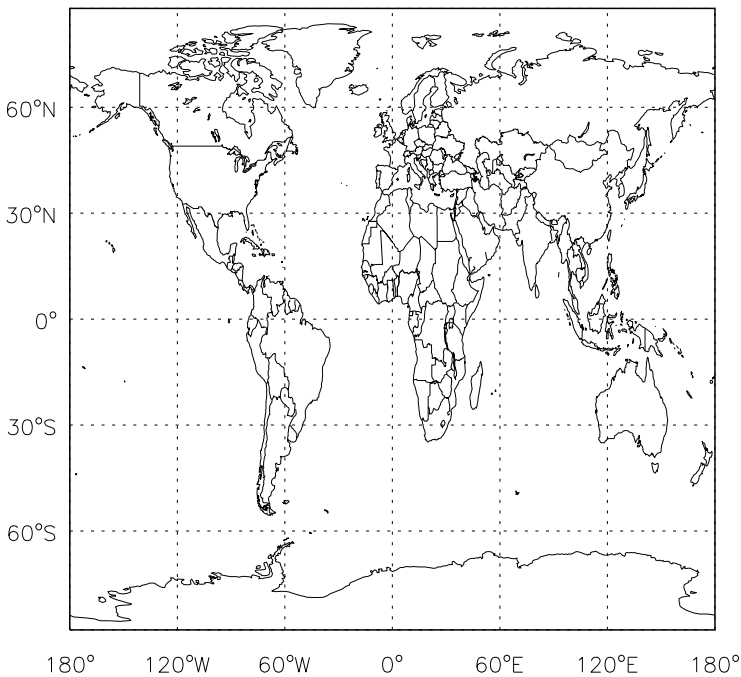
v11-01g-Run0 - v11-01f-geosfp-Run0

HCl - Diff @ 500 hPa for Jul



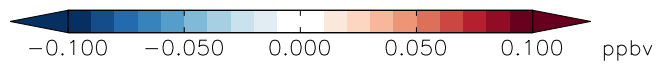
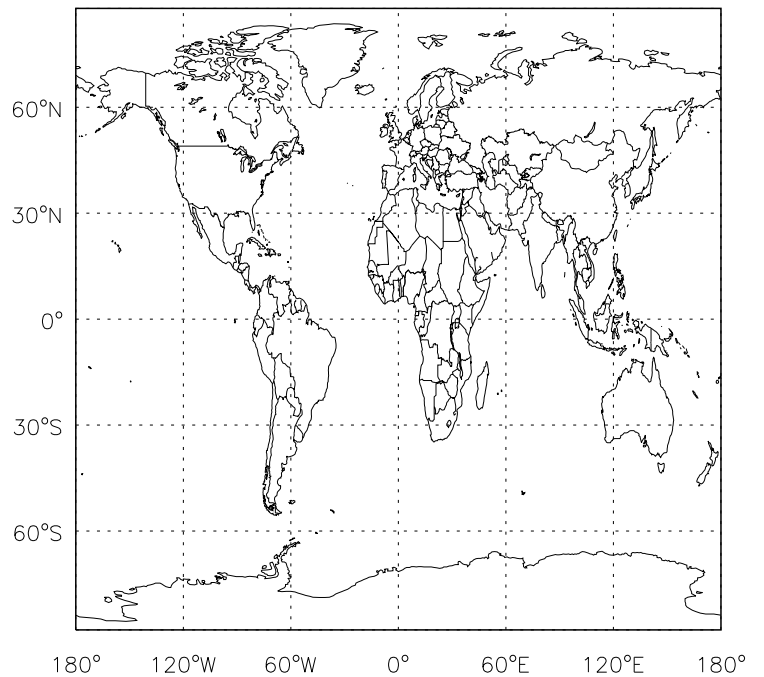
v11-01g-Run0 - v11-01d-Run1

HCl - Diff @ Surface for Jul



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

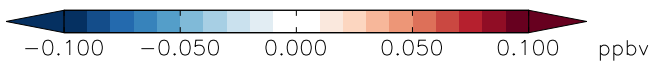
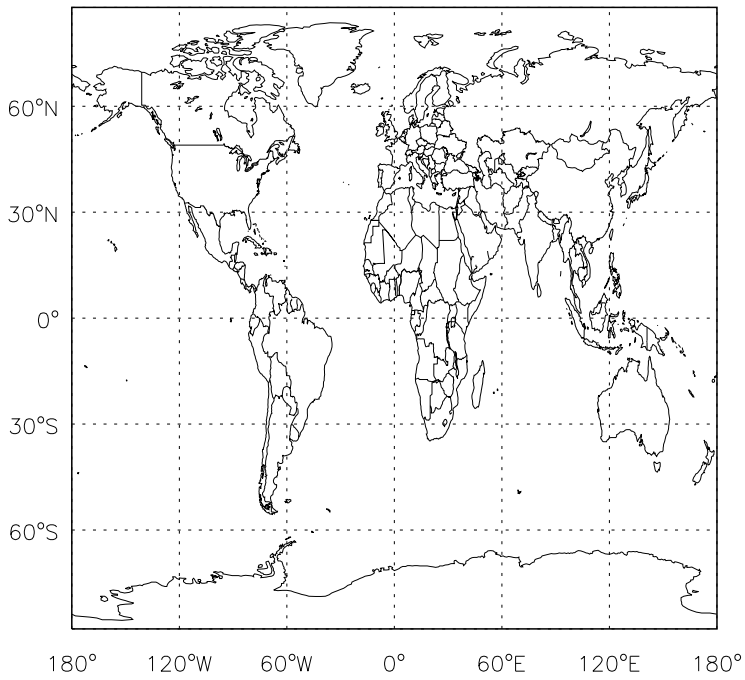
HCl - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

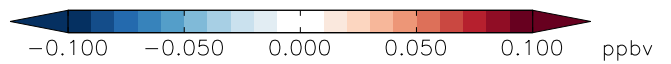
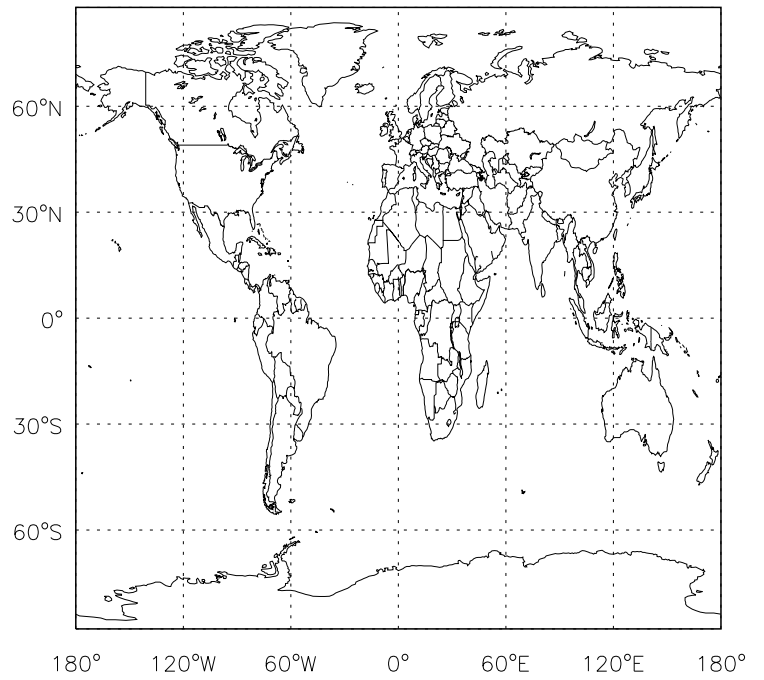
v11-01g-Run0 - v11-01f-geosfp-Run0

CCl4 - Diff @ Surface for Jul



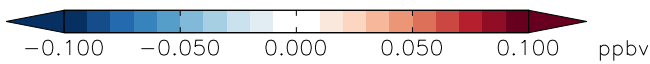
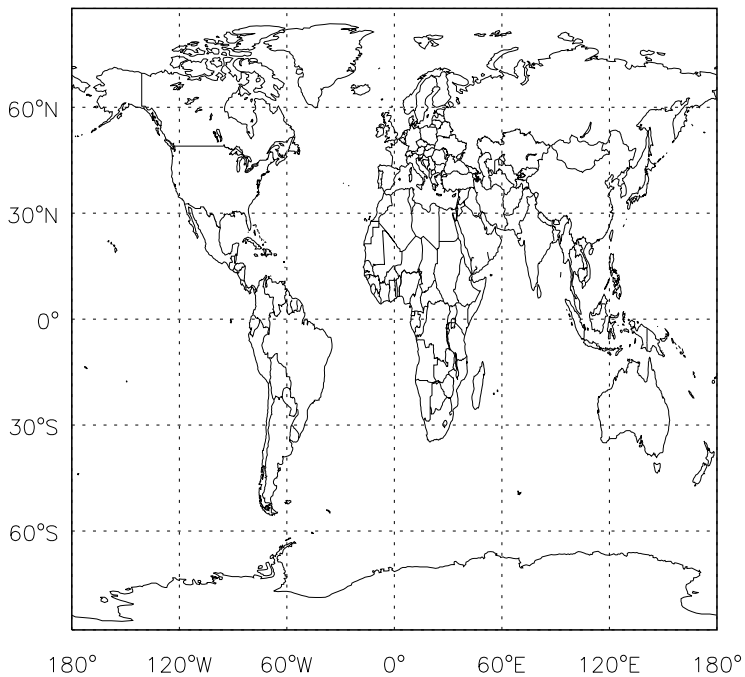
v11-01g-Run0 - v11-01f-geosfp-Run0

CCl4 - Diff @ 500 hPa for Jul



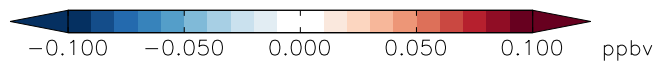
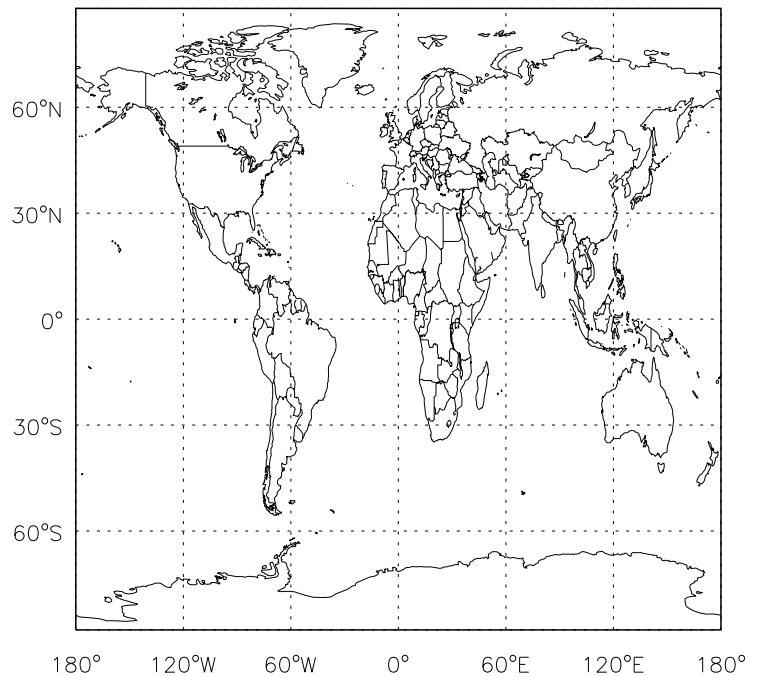
v11-01g-Run0 - v11-01d-Run1

CCl4 - Diff @ Surface for Jul



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

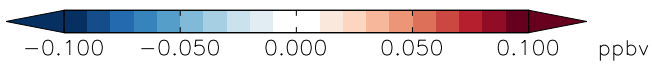
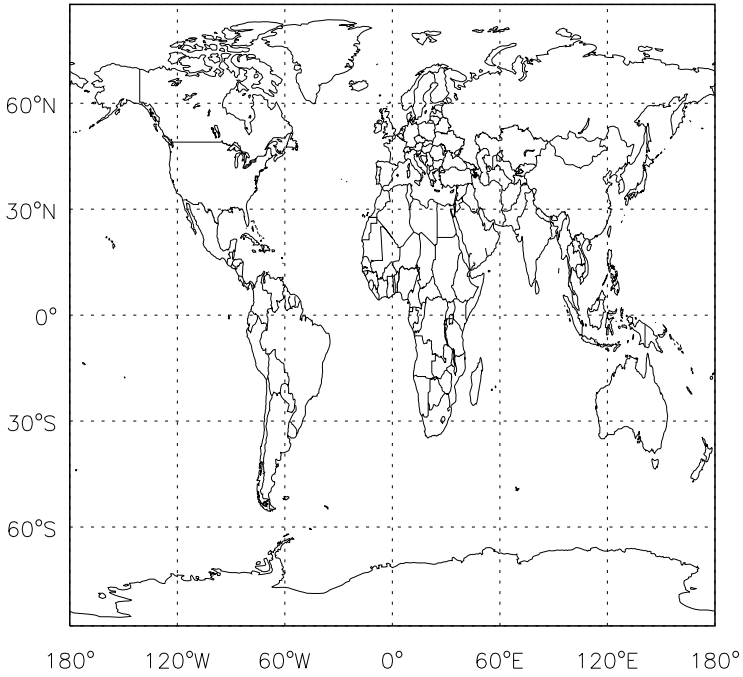
CCl4 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

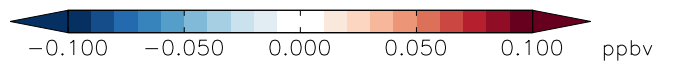
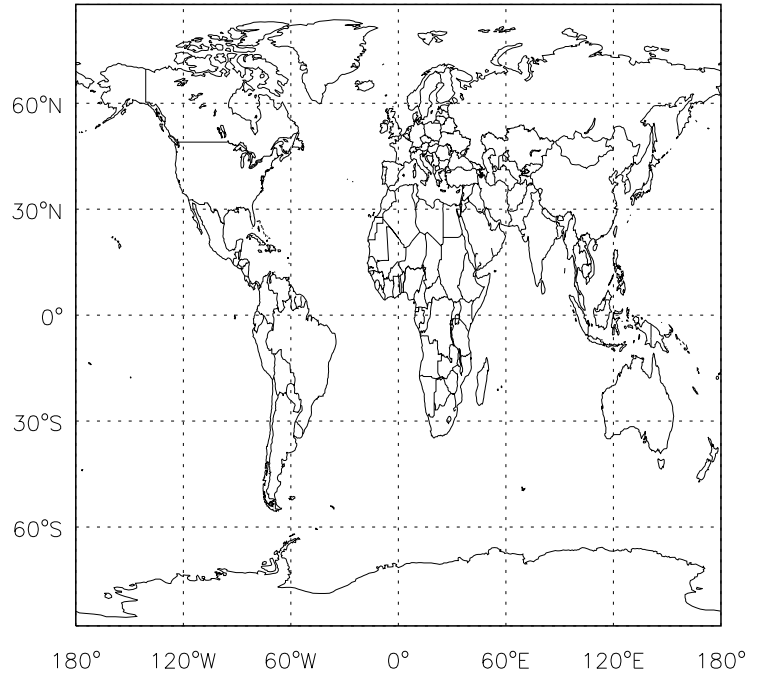
v11-01g-Run0 - v11-01f-geosfp-Run0

CH₃Cl - Diff @ Surface for Jul



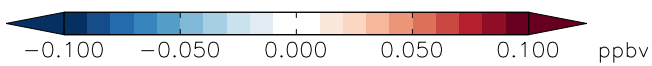
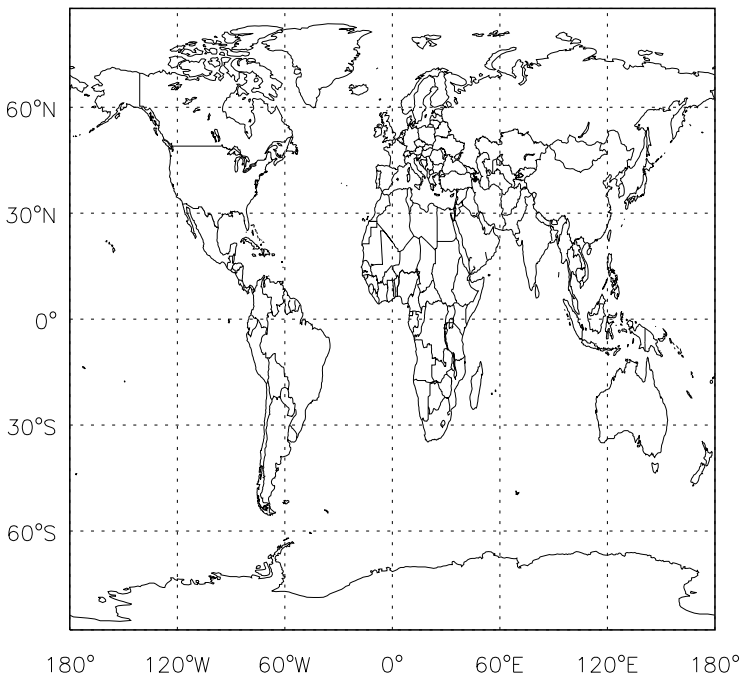
v11-01g-Run0 - v11-01f-geosfp-Run0

CH₃Cl - Diff @ 500 hPa for Jul



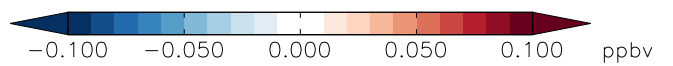
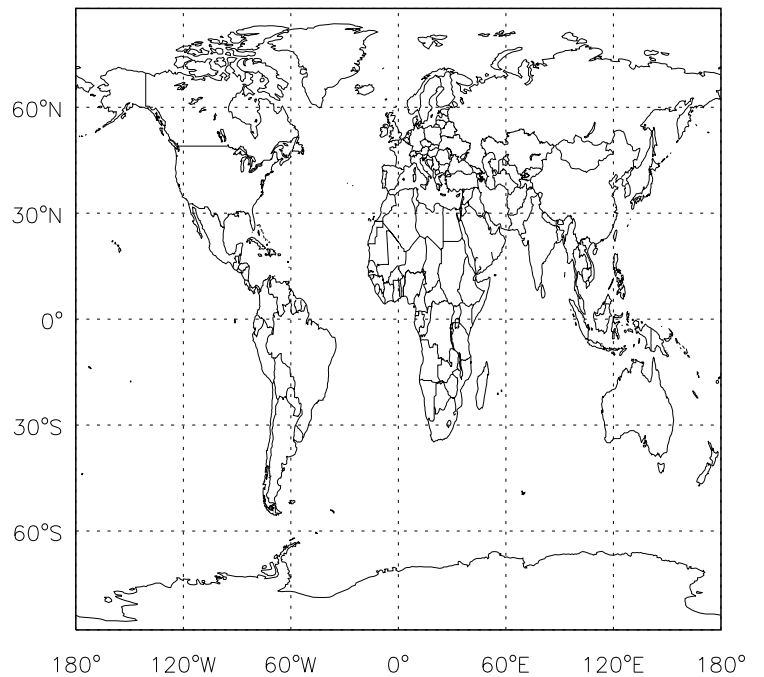
v11-01g-Run0 - v11-01d-Run1

CH₃Cl - Diff @ Surface for Jul



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

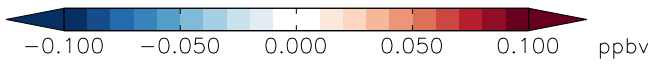
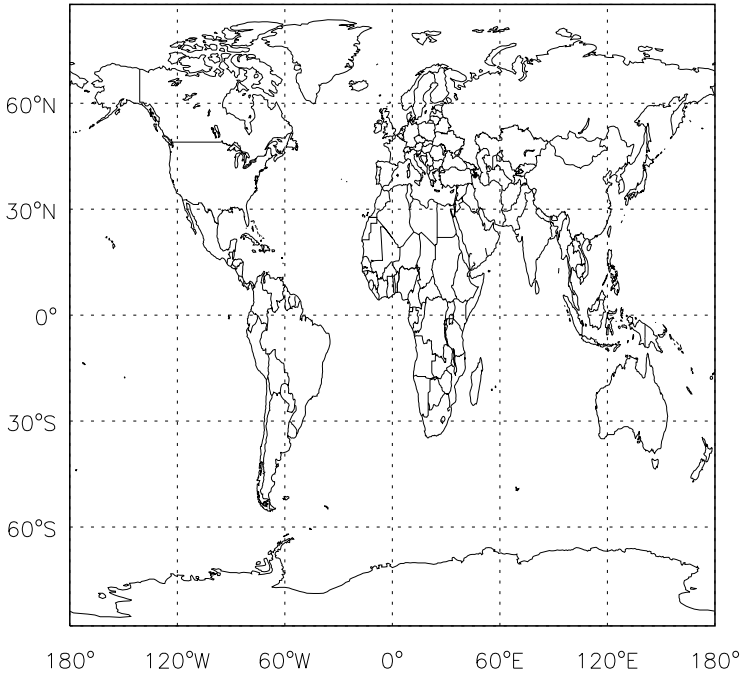
CH₃Cl - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

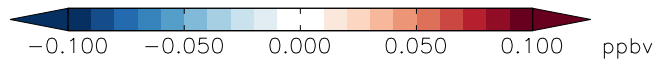
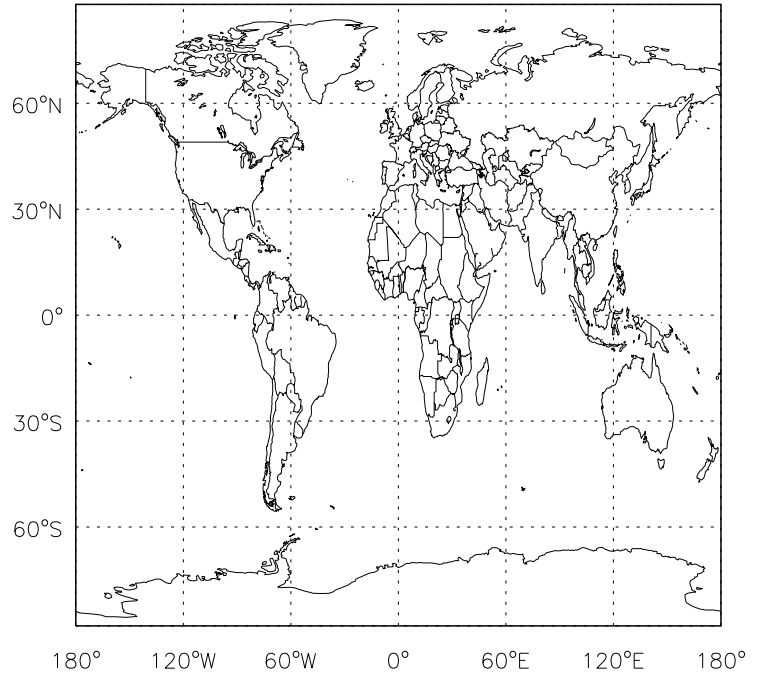
v11-01g-Run0 - v11-01f-geosfp-Run0

CH₃CCI₃ - Diff @ Surface for Jul



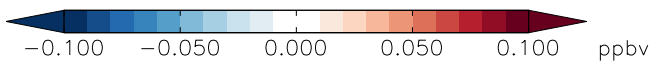
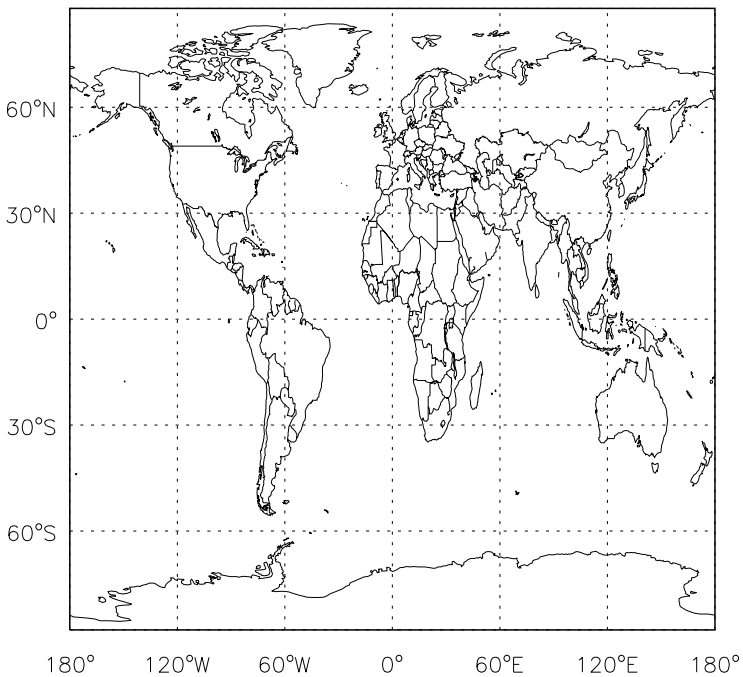
v11-01g-Run0 - v11-01f-geosfp-Run0

CH₃CCI₃ - Diff @ 500 hPa for Jul



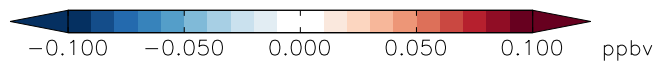
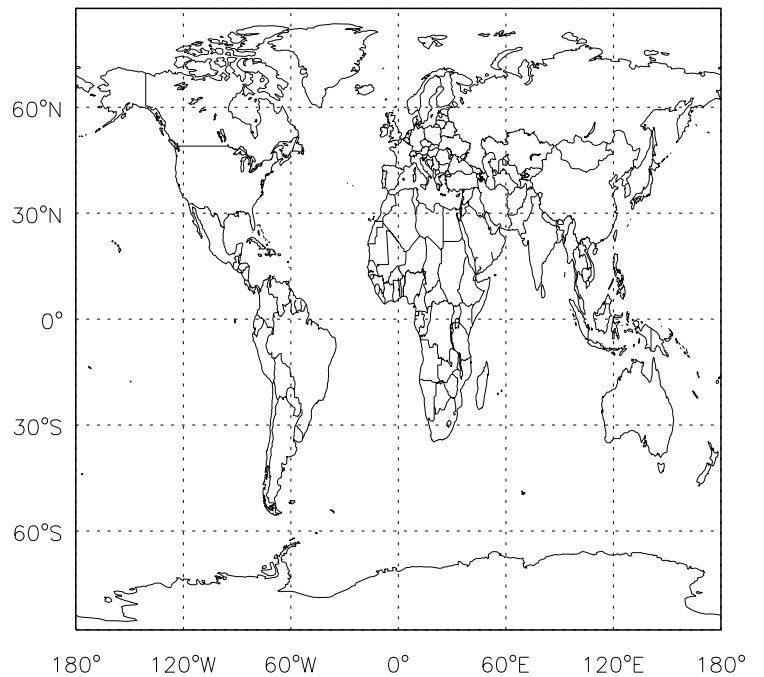
v11-01g-Run0 - v11-01d-Run1

CH₃CCI₃ - Diff @ Surface for Jul



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

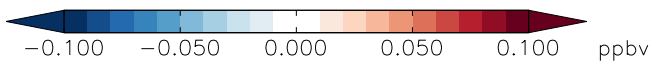
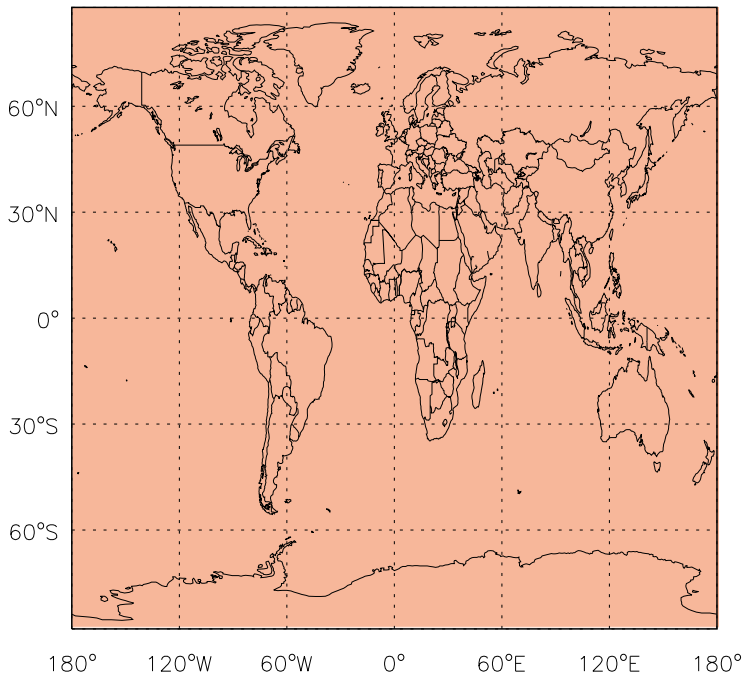
CH₃CCI₃ - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

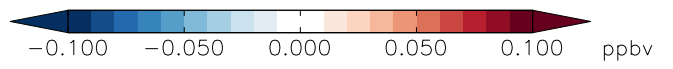
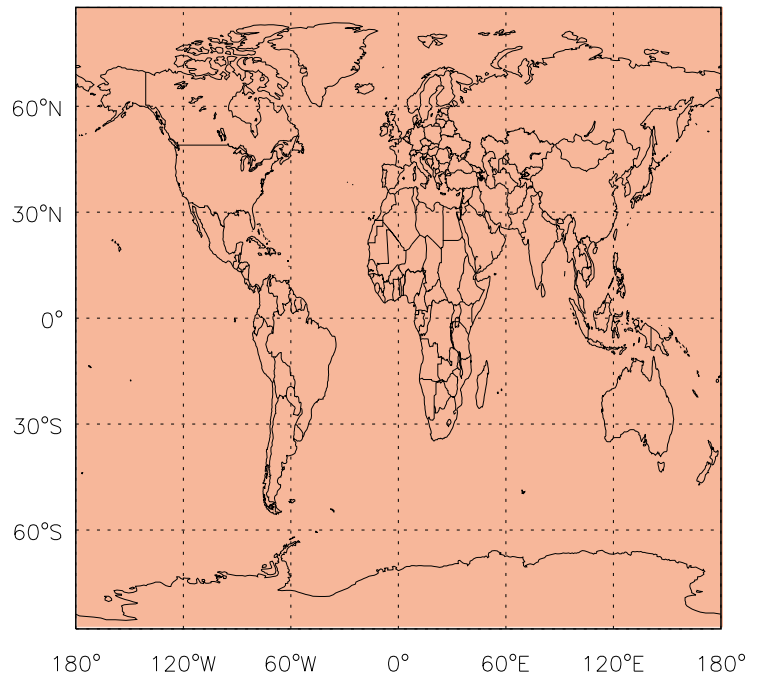
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC113 - Diff @ Surface for Jul



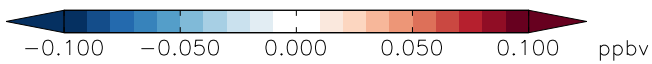
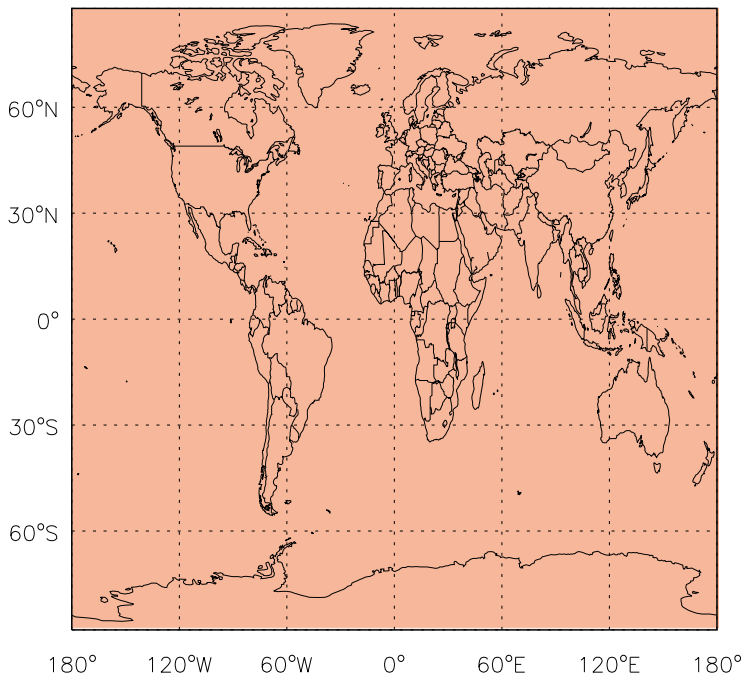
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC113- Diff @ 500 hPa for Jul



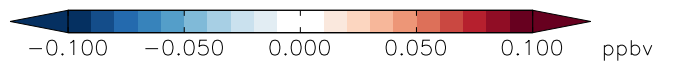
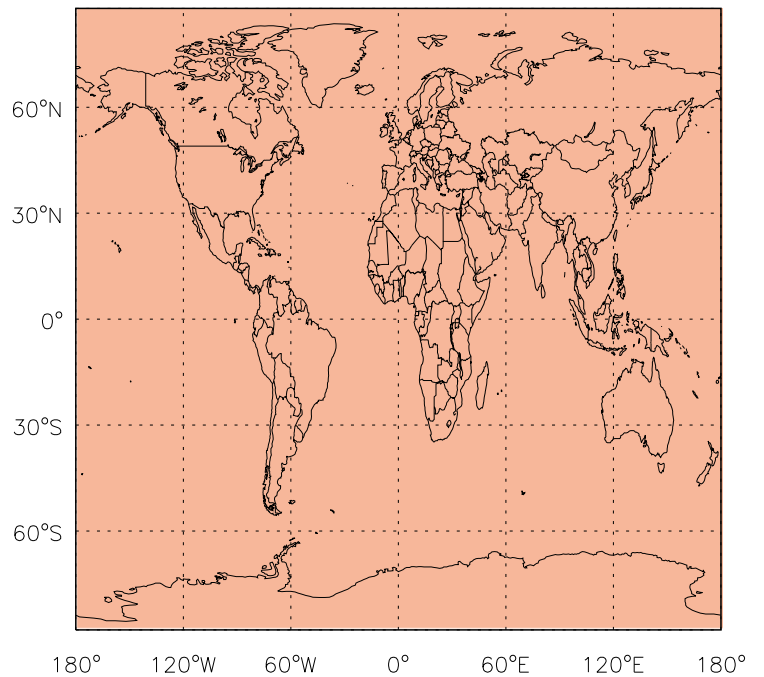
v11-01g-Run0 - v11-01d-Run1

CFC113 - Diff @ Surface for Jul



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

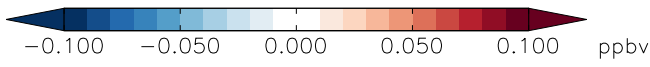
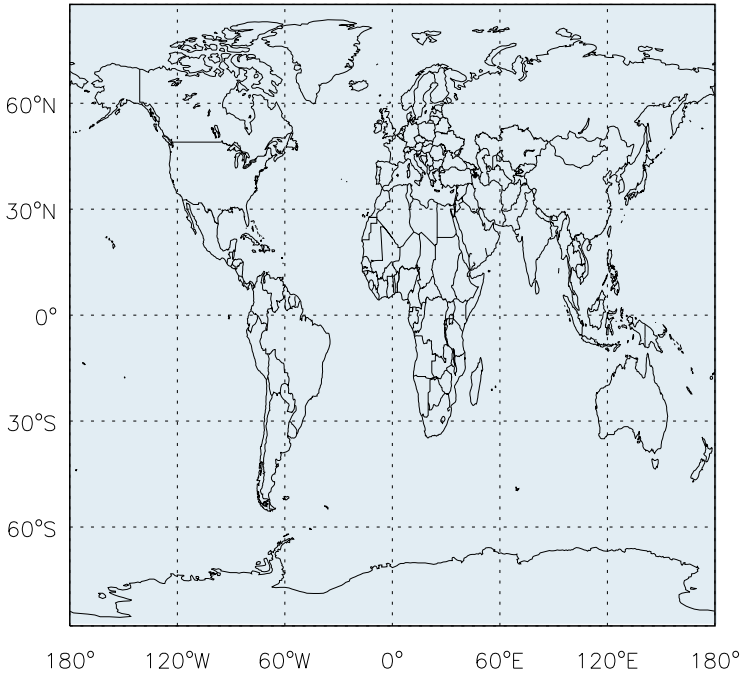
CFC113- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

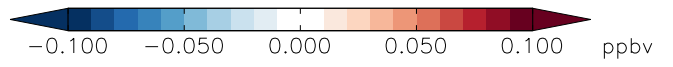
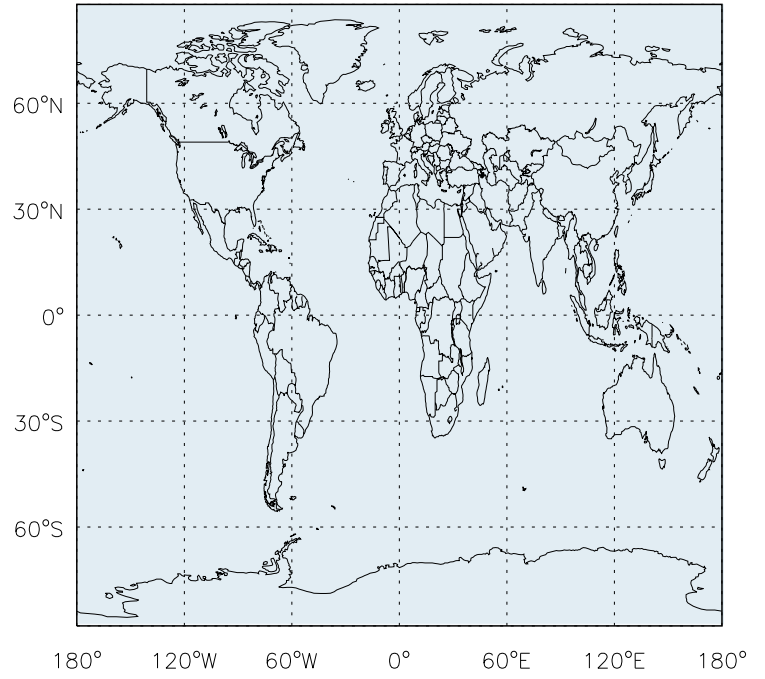
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC114 - Diff @ Surface for Jul



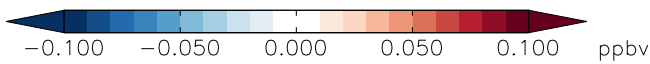
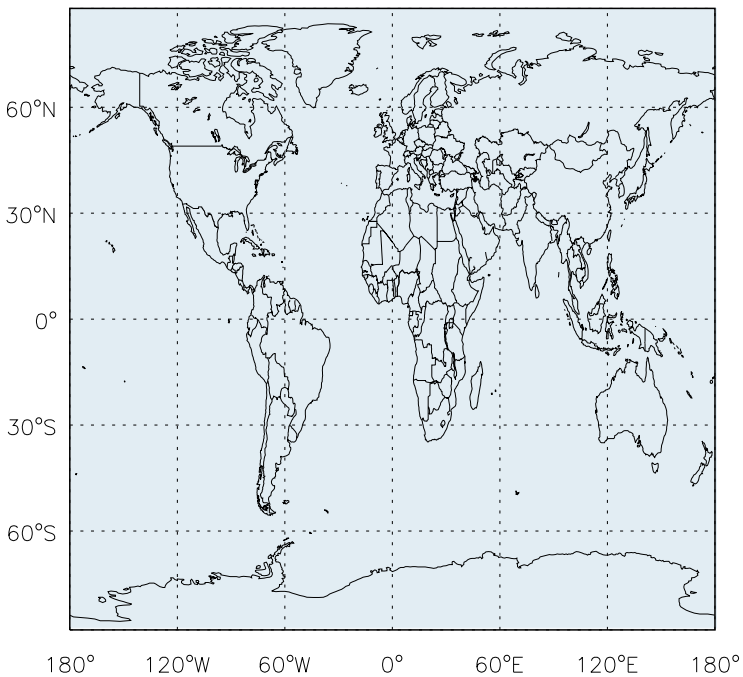
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC114 - Diff @ 500 hPa for Jul



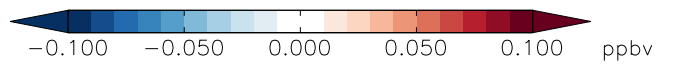
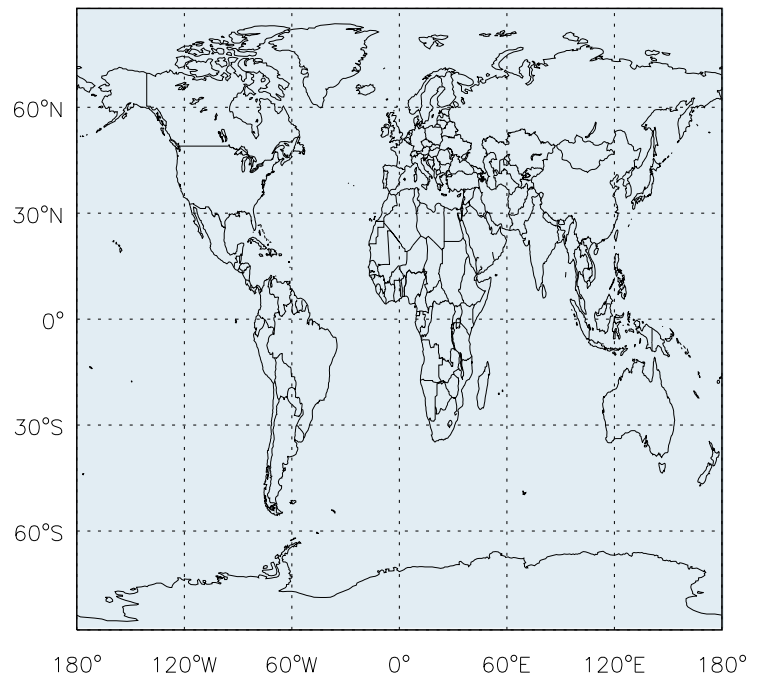
v11-01g-Run0 - v11-01d-Run1

CFC114 - Diff @ Surface for Jul



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

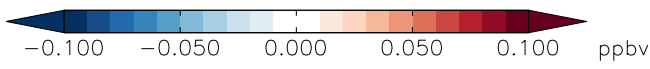
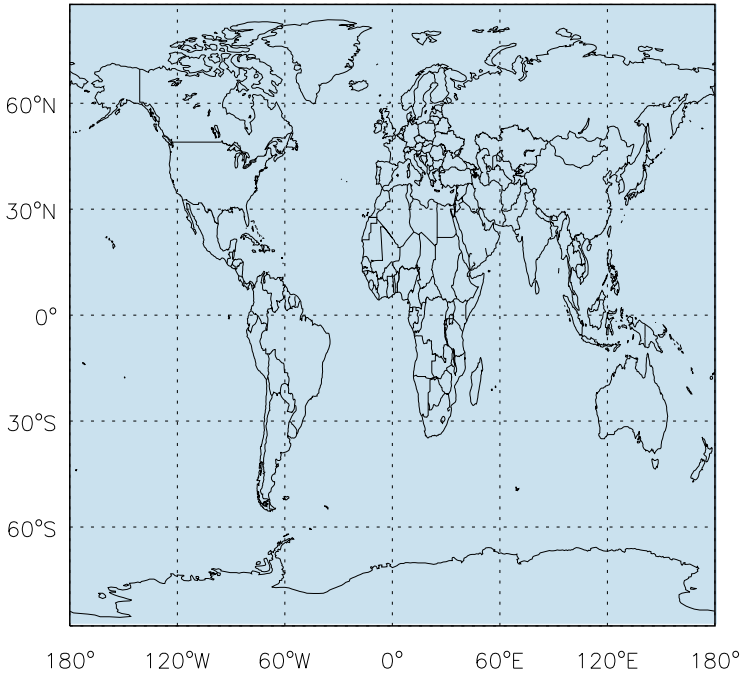
CFC114 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

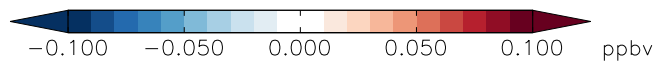
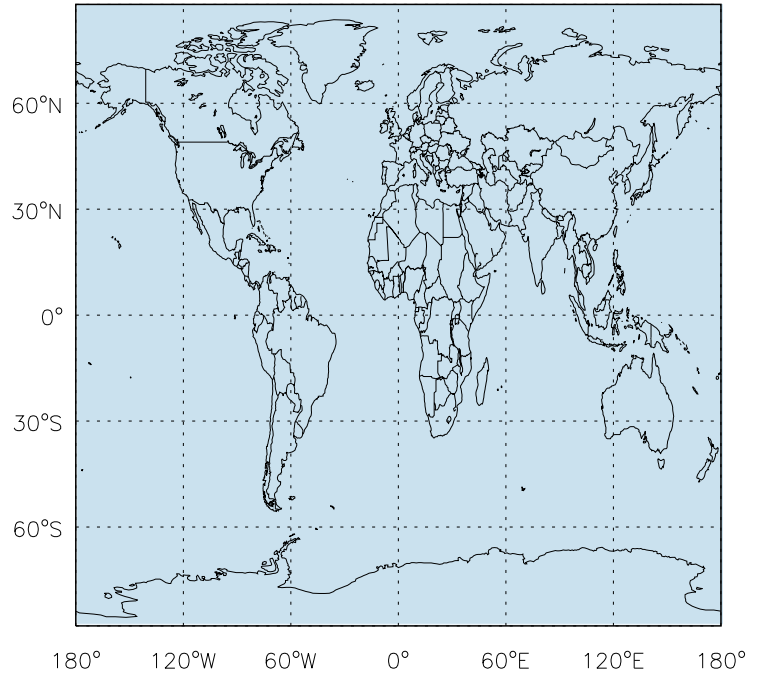
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC115 - Diff @ Surface for Jul



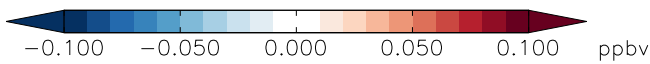
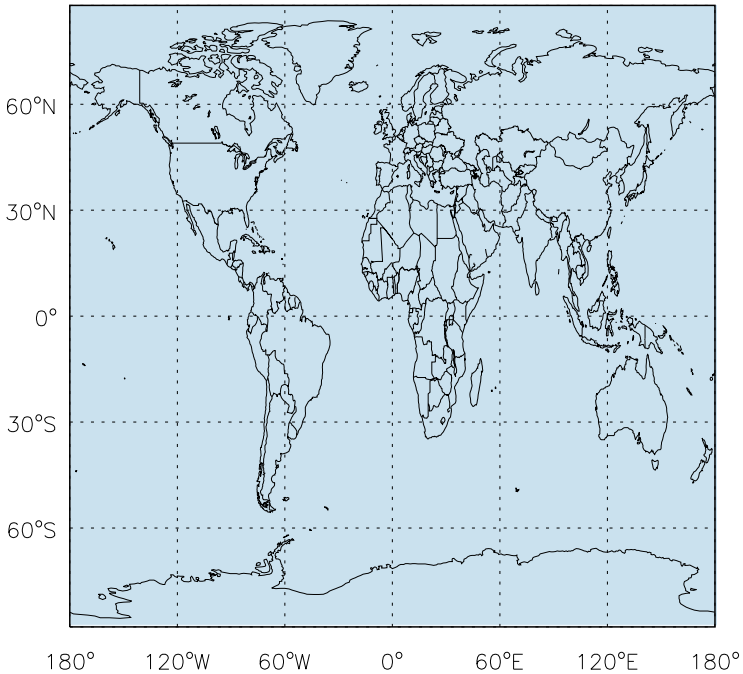
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC115- Diff @ 500 hPa for Jul



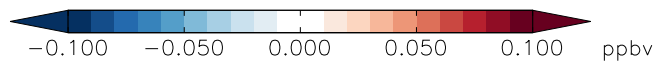
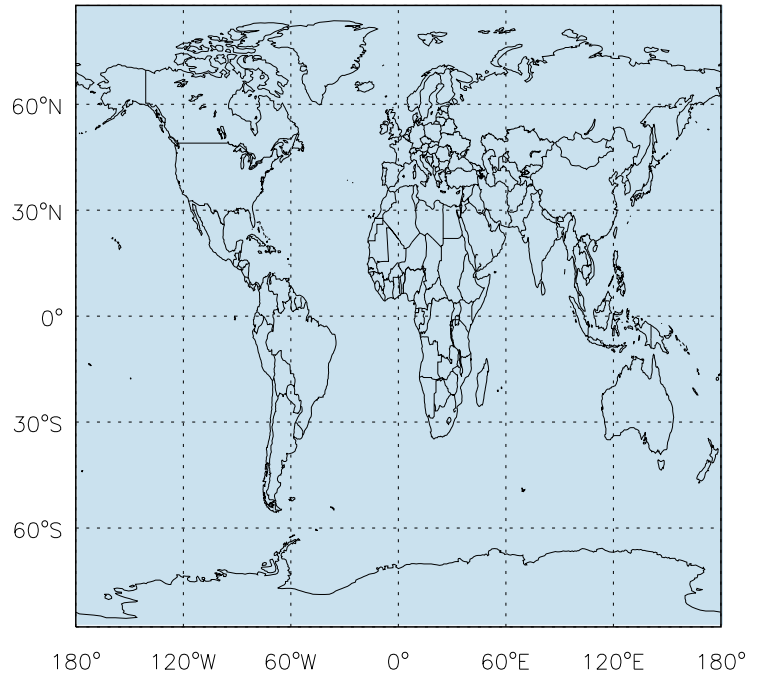
v11-01g-Run0 - v11-01d-Run1

CFC115 - Diff @ Surface for Jul



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

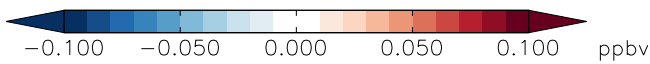
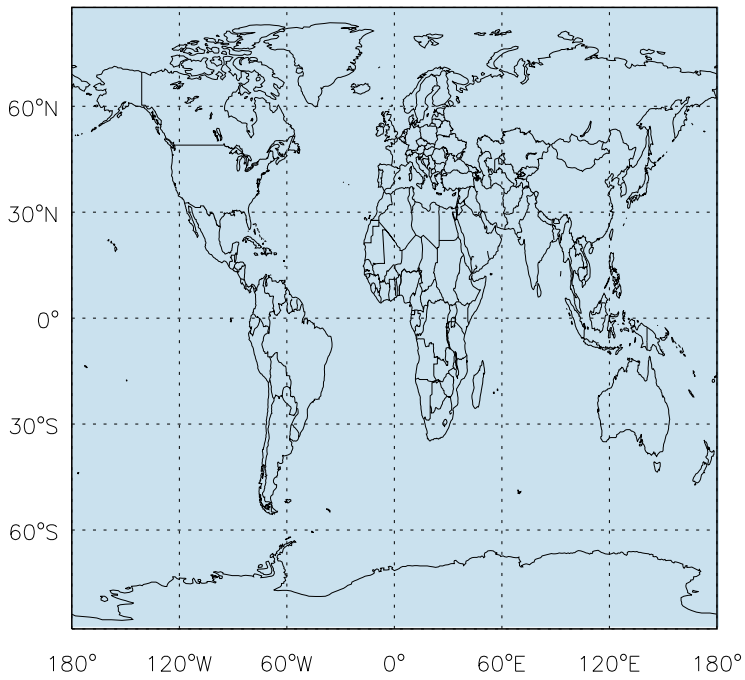
CFC115- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

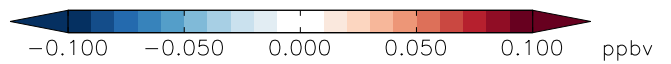
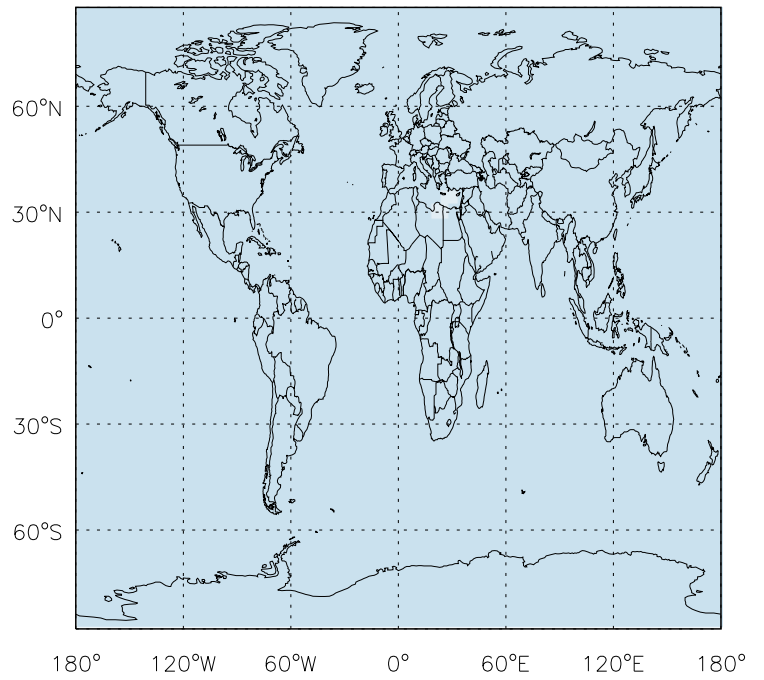
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC123 - Diff @ Surface for Jul



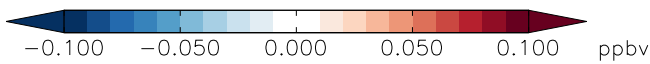
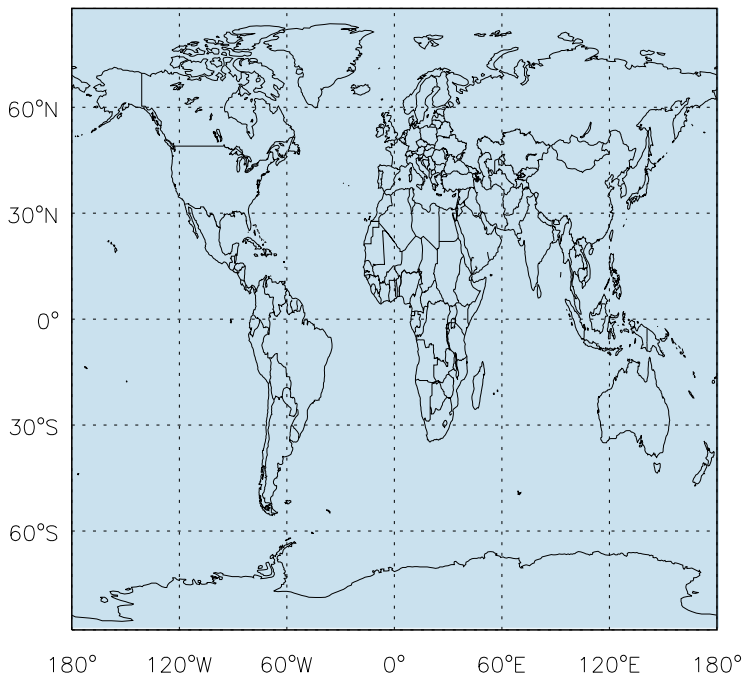
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC123- Diff @ 500 hPa for Jul



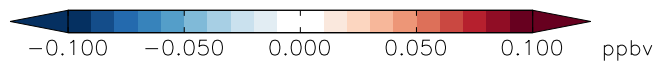
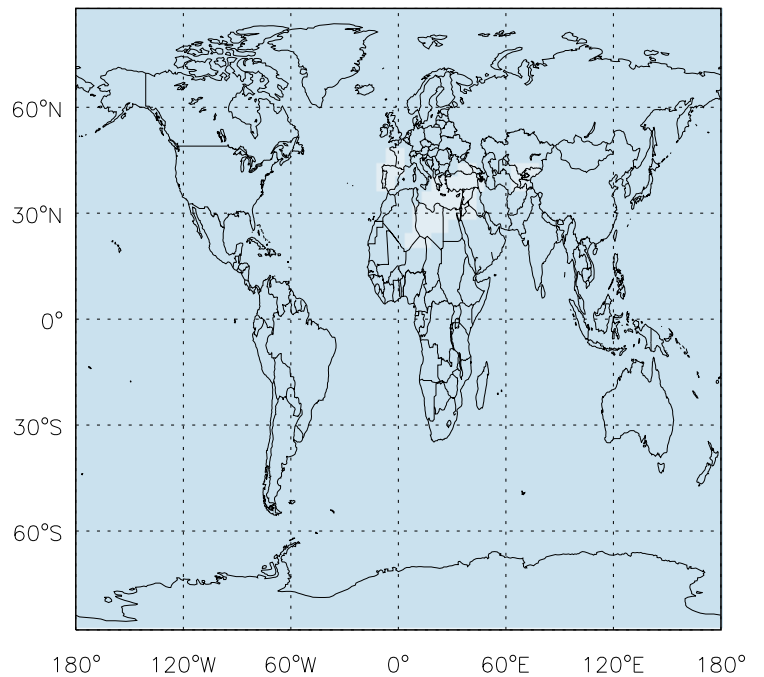
v11-01g-Run0 - v11-01d-Run1

HCFC123 - Diff @ Surface for Jul



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

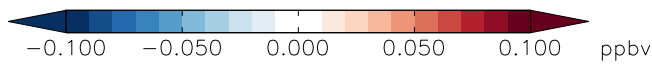
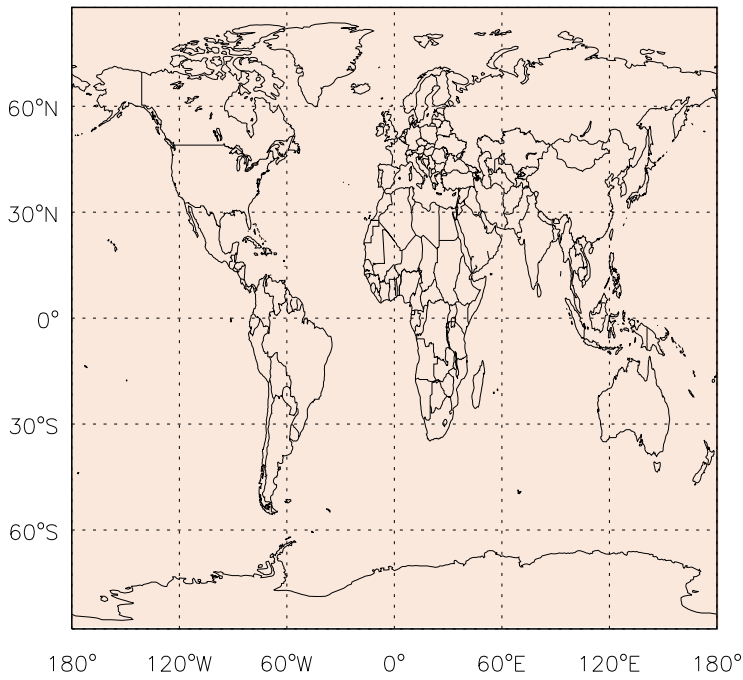
HCFC123- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

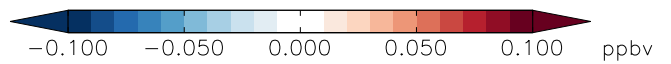
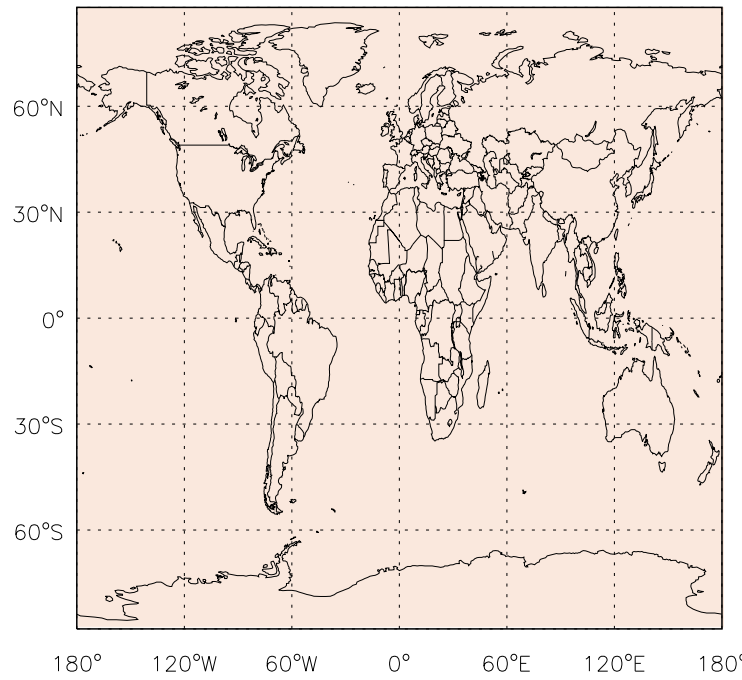
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC141b - Diff @ Surface for Jul



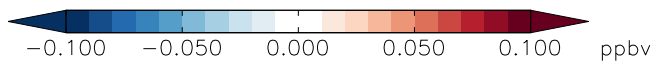
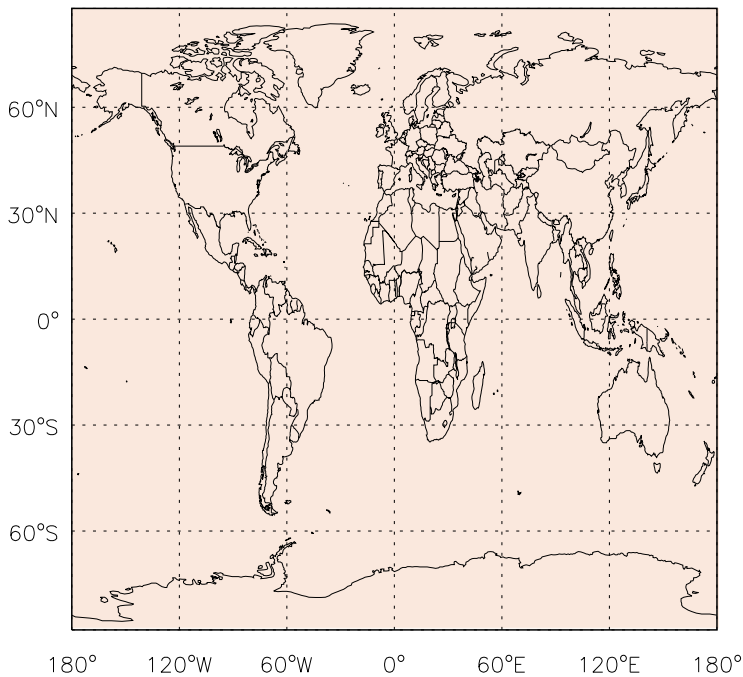
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC141b- Diff @ 500 hPa for Jul



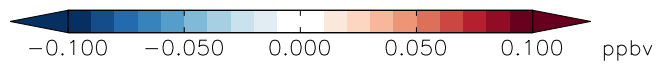
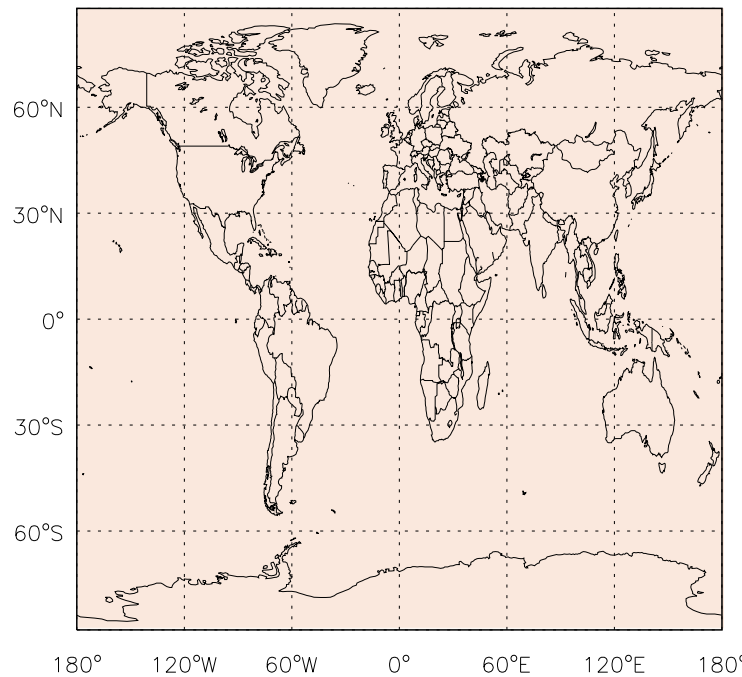
v11-01g-Run0 - v11-01d-Run1

HCFC141b - Diff @ Surface for Jul



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

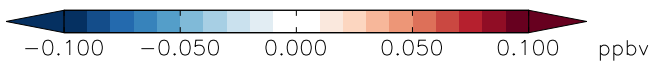
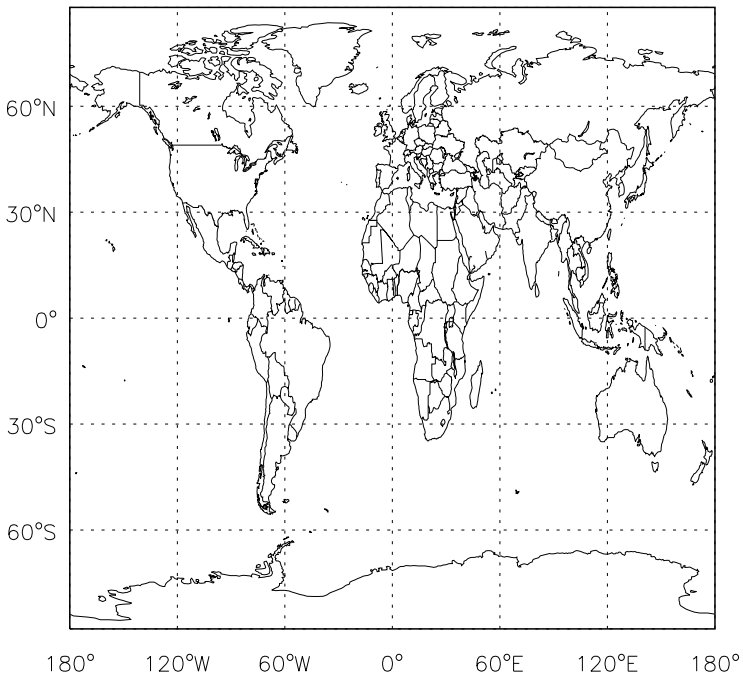
HCFC141b- Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

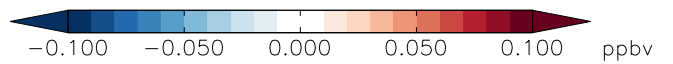
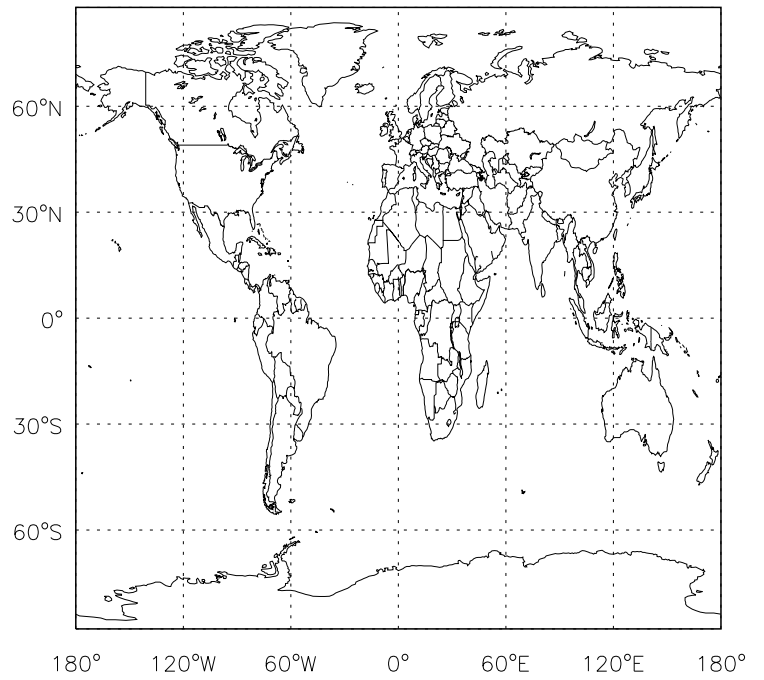
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC142b - Diff @ Surface for Jul



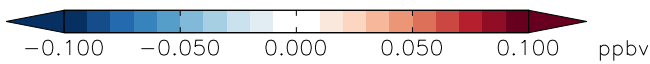
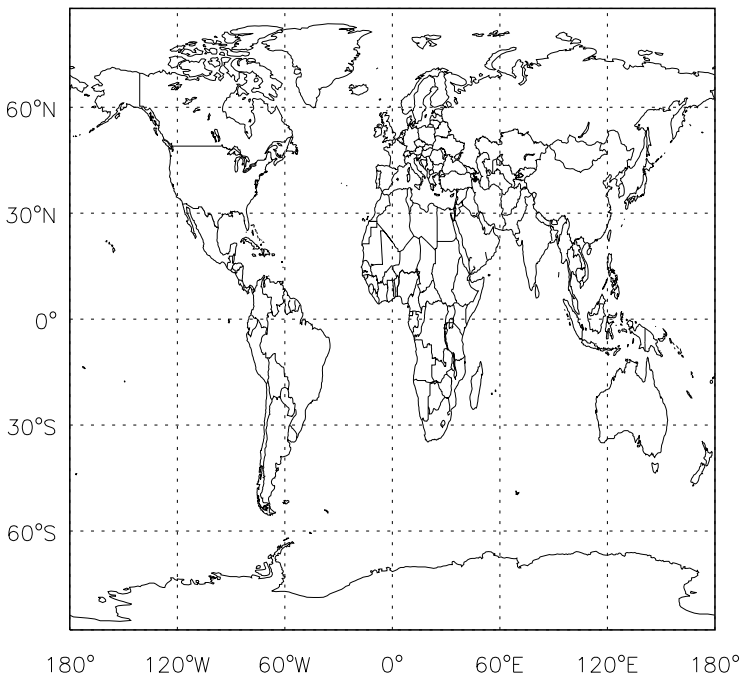
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC142b- Diff @ 500 hPa for Jul



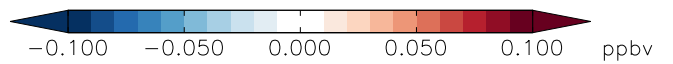
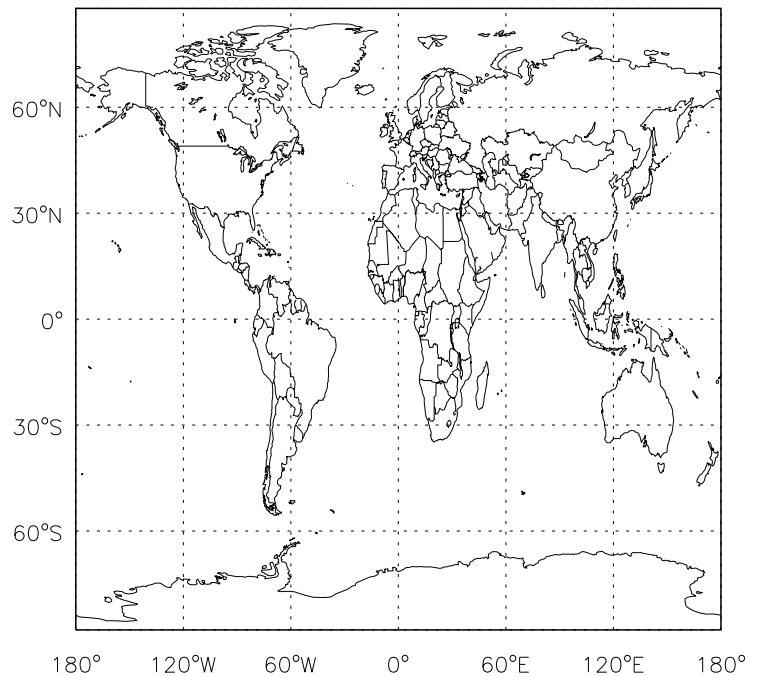
v11-01g-Run0 - v11-01d-Run1

HCFC142b - Diff @ Surface for Jul



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

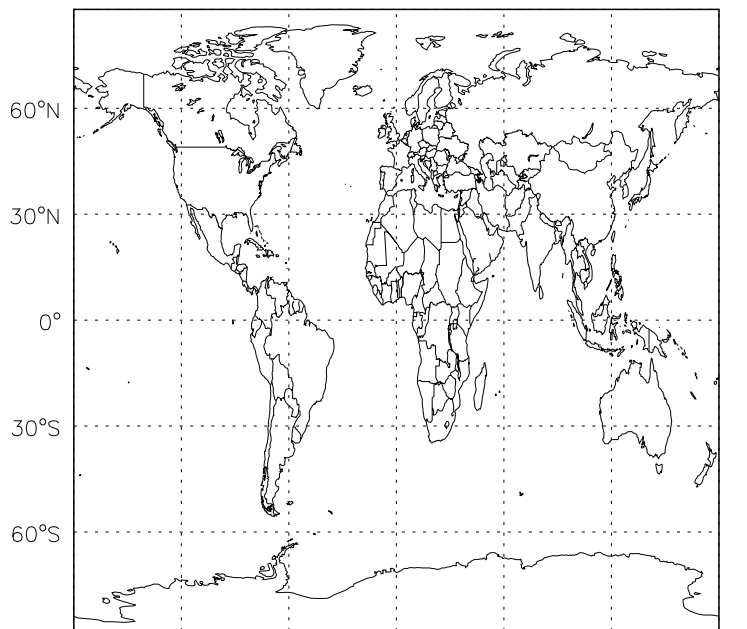
HCFC142b- Diff @ 500 hPa for Jul



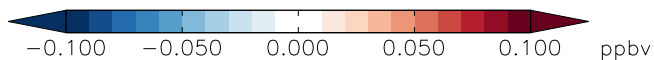
GEOS-Chem Difference Maps at surface and 500 hPa

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

CFC11 - Diff @ Surface for Jul

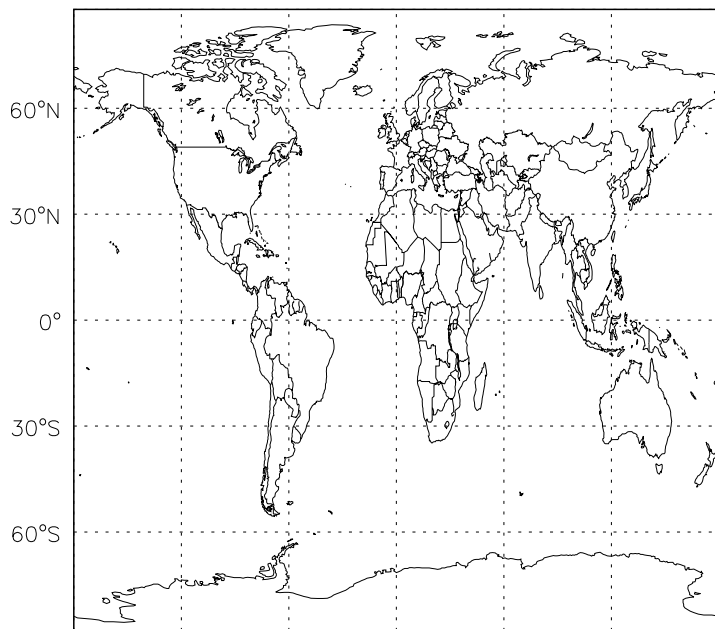


180° 120°W 60°W 0° 60°E 120°E 180°

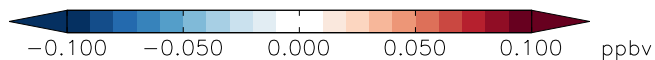


v11-01g-Run0 - v11-01f-geosfp-Run0

CFC11 - Diff @ 500 hPa for Jul

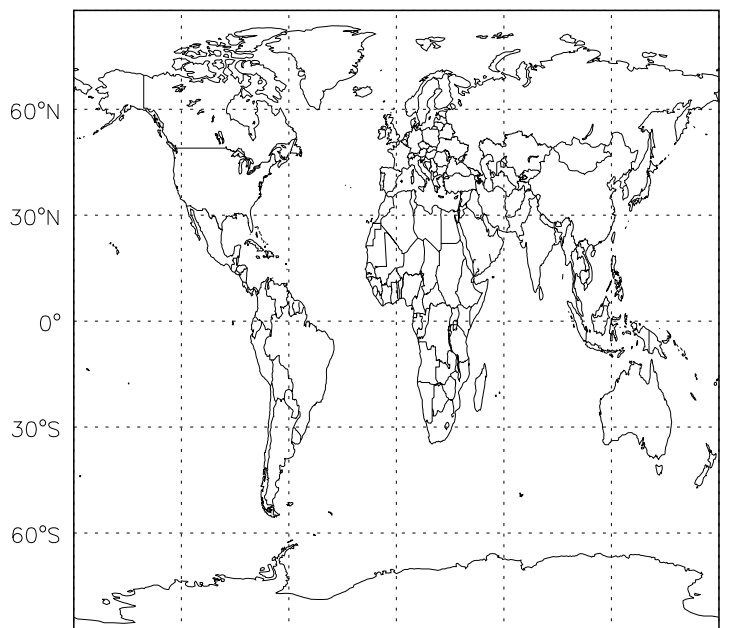


180° 120°W 60°W 0° 60°E 120°E 180°

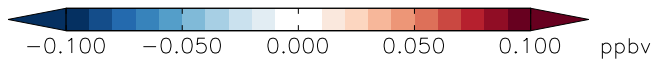


v11-01g-Run0 - v11-01d-Run1

CFC11 - Diff @ Surface for Jul

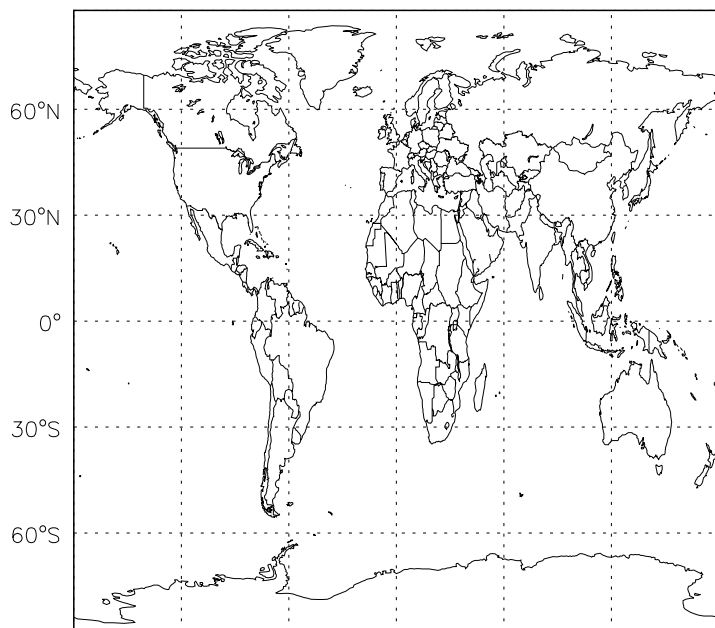


180° 120°W 60°W 0° 60°E 120°E 180°

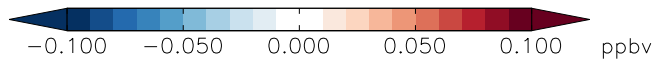


v11-01g-Run0 - v11-01d-Run1

CFC11 - Diff @ 500 hPa for Jul



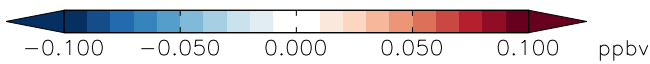
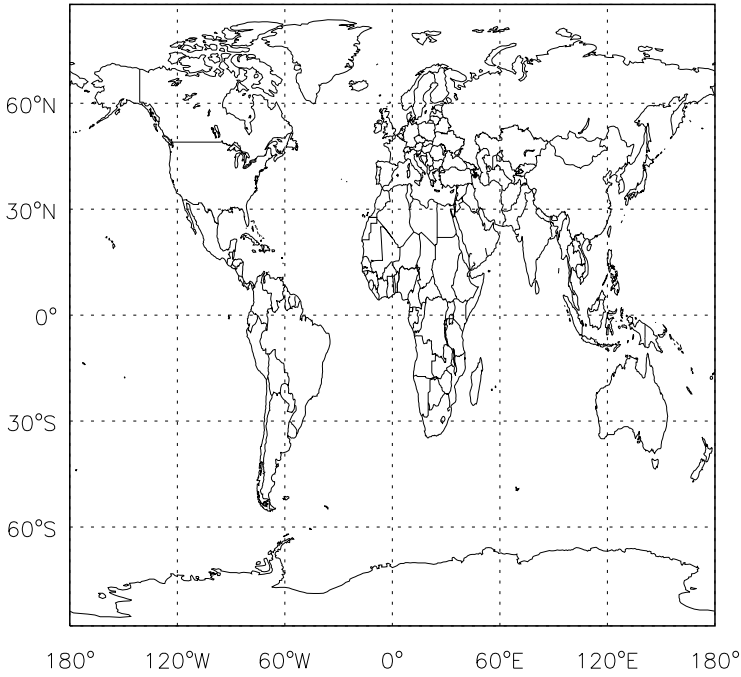
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

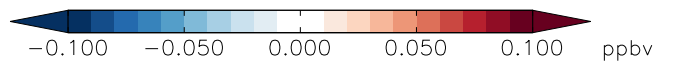
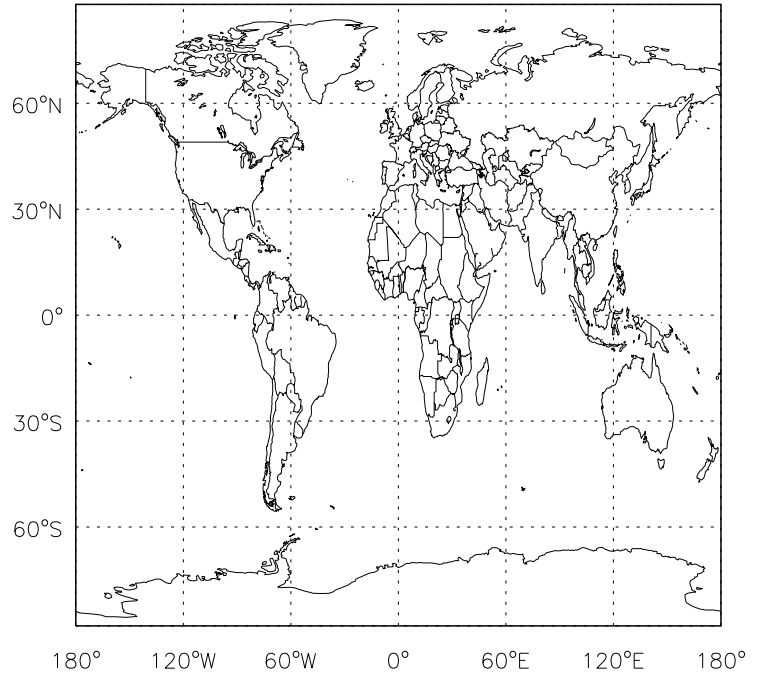
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC12 - Diff @ Surface for Jul



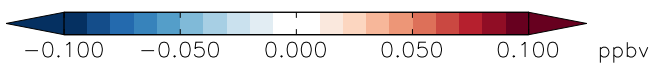
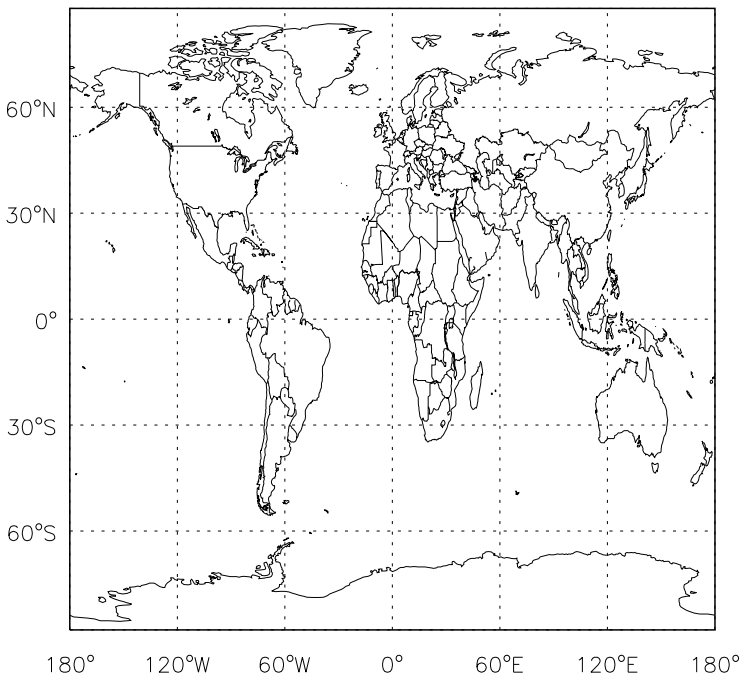
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC12 - Diff @ 500 hPa for Jul



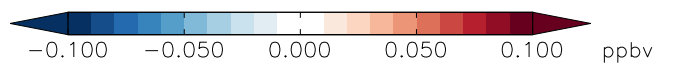
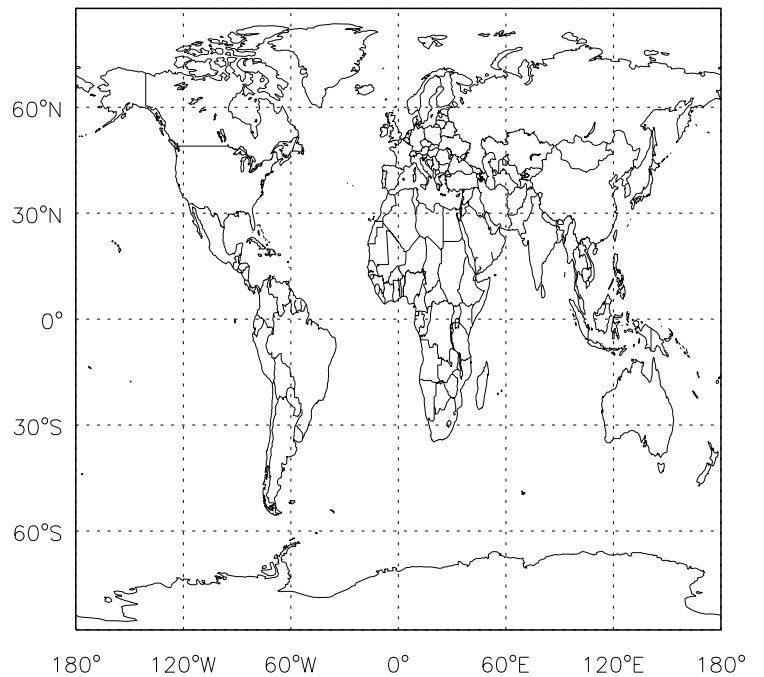
v11-01g-Run0 - v11-01d-Run1

CFC12 - Diff @ Surface for Jul



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

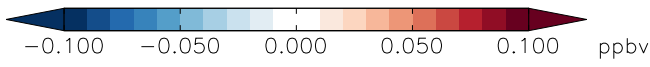
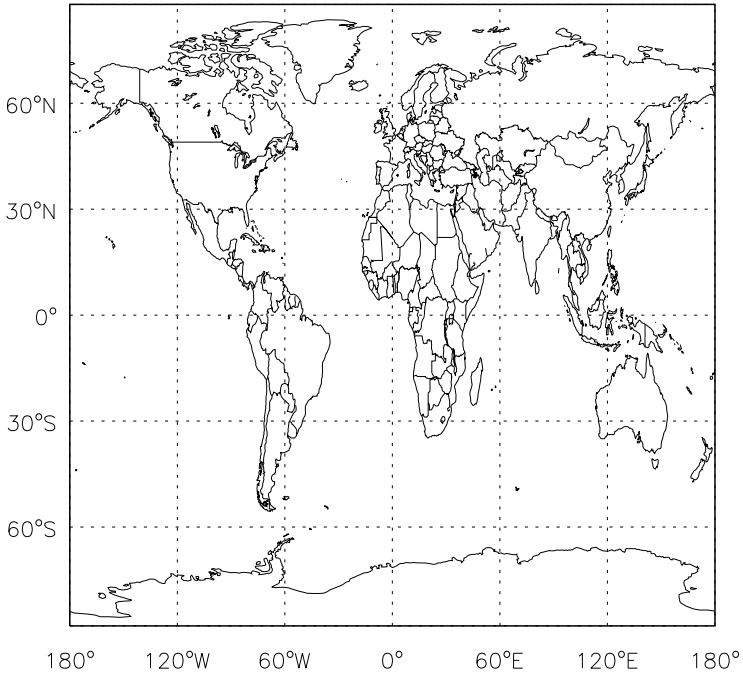
CFC12 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

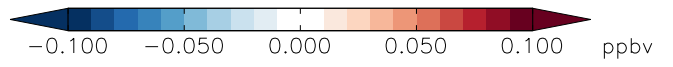
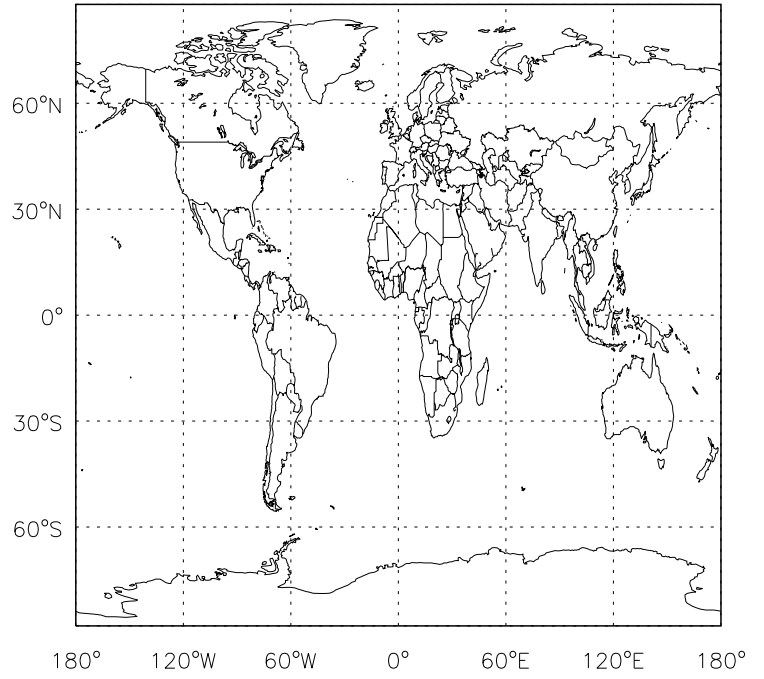
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC22 - Diff @ Surface for Jul



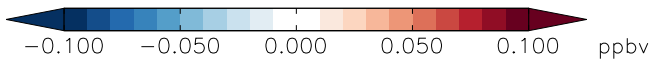
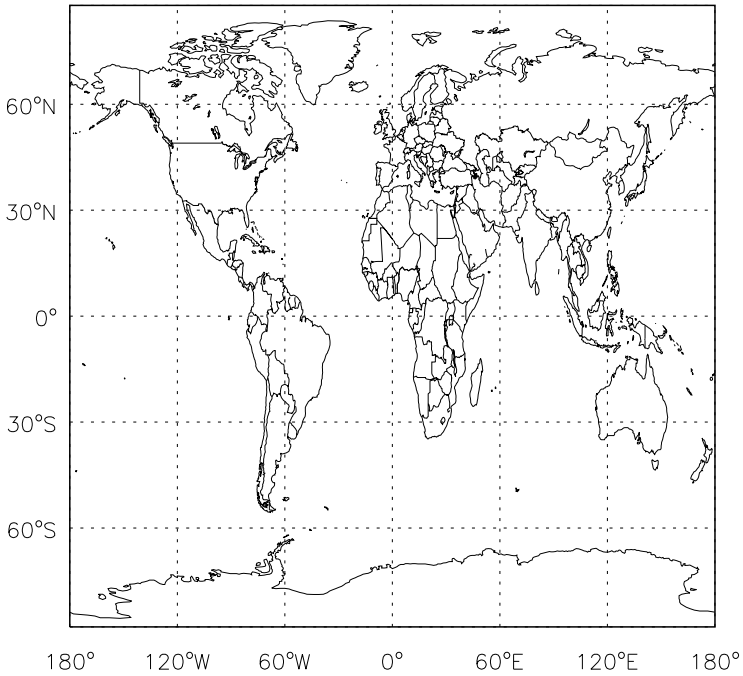
v11-01g-Run0 - v11-01f-geosfp-Run0

HCFC22 - Diff @ 500 hPa for Jul



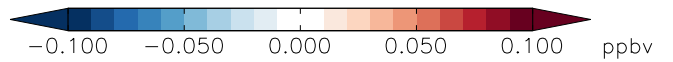
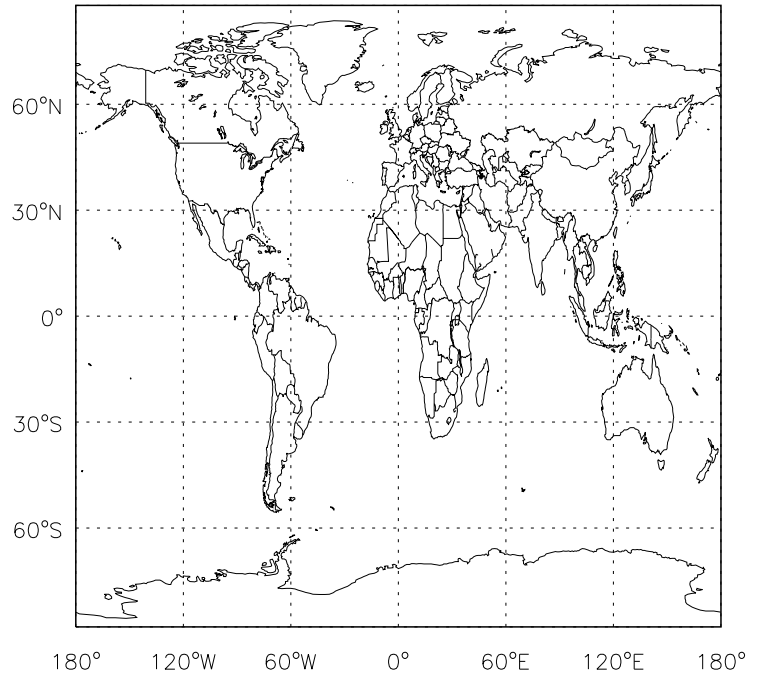
v11-01g-Run0 - v11-01d-Run1

HCFC22 - Diff @ Surface for Jul



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

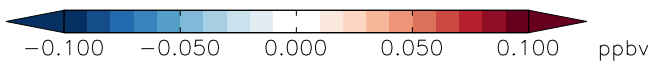
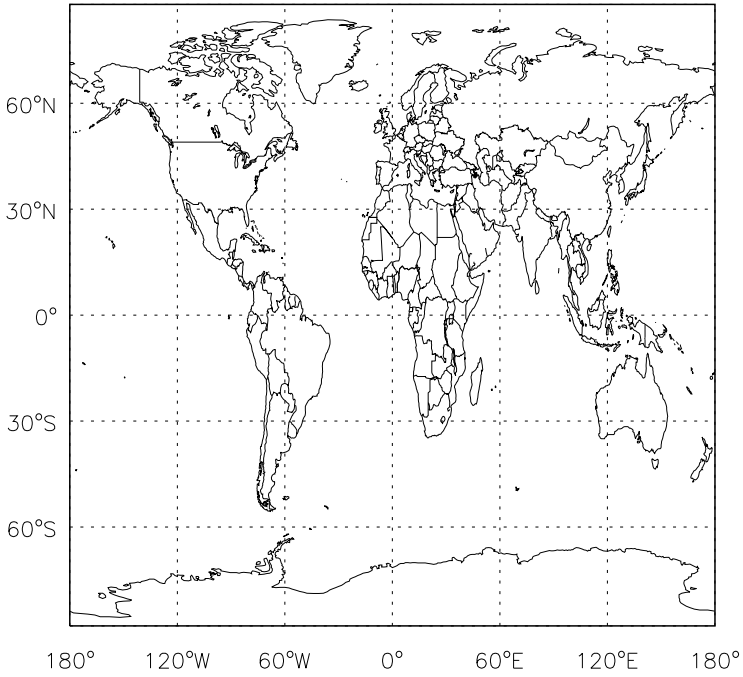
HCFC22 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

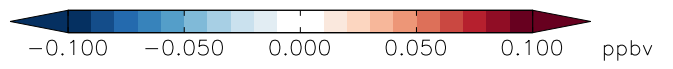
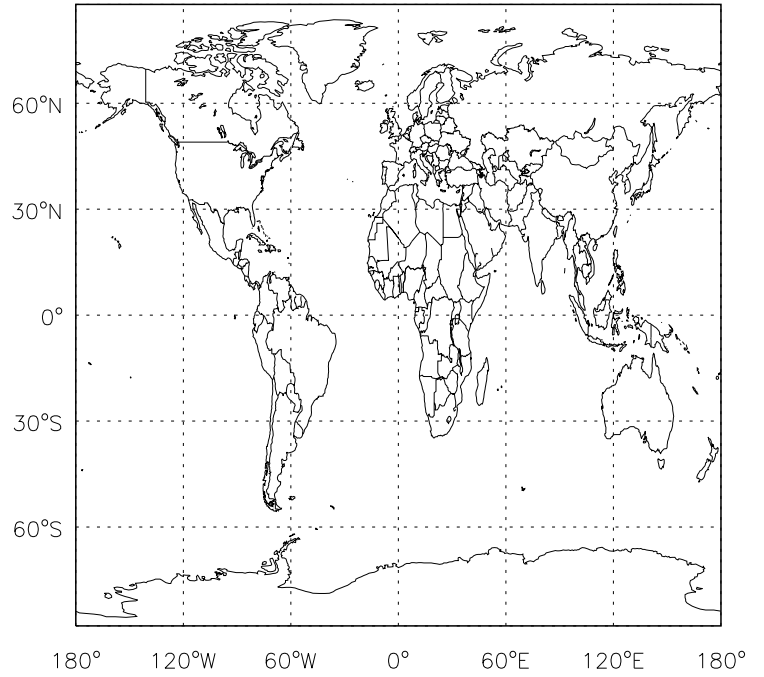
v11-01g-Run0 - v11-01f-geosfp-Run0

H1211 - Diff @ Surface for Jul



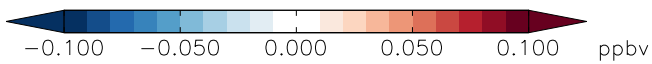
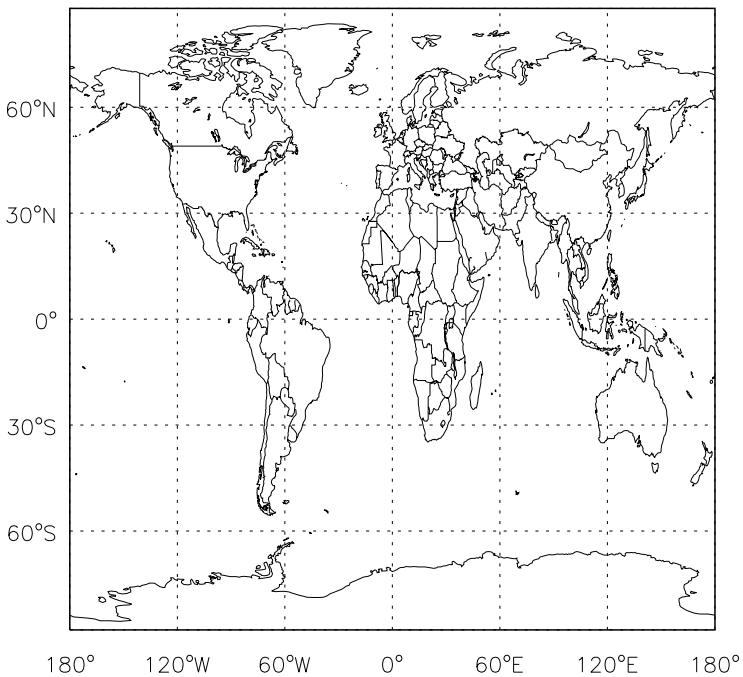
v11-01g-Run0 - v11-01f-geosfp-Run0

H1211- Diff @ 500 hPa for Jul



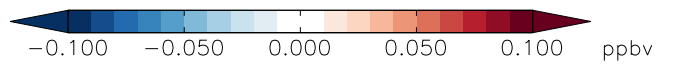
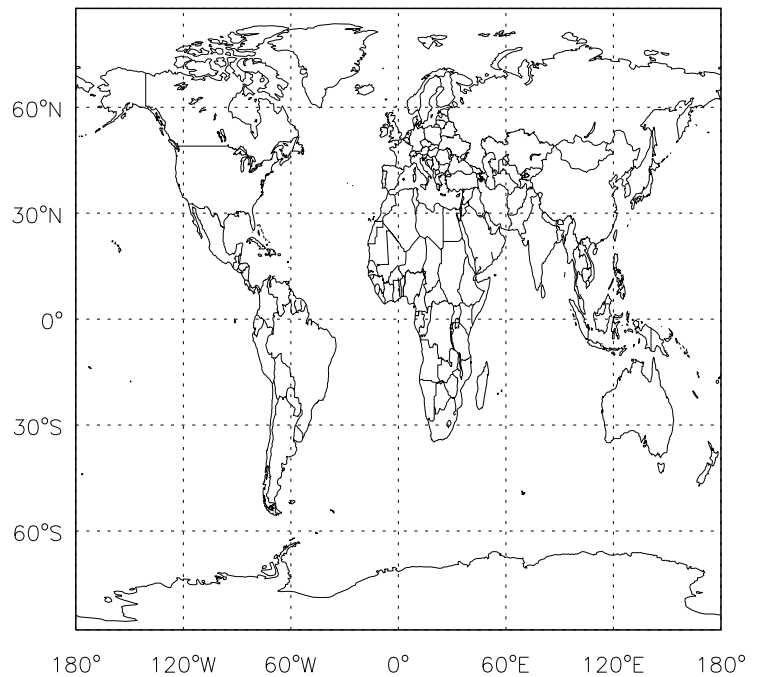
v11-01g-Run0 - v11-01d-Run1

H1211 - Diff @ Surface for Jul



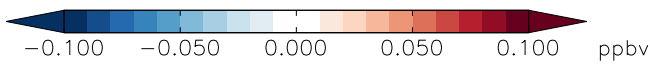
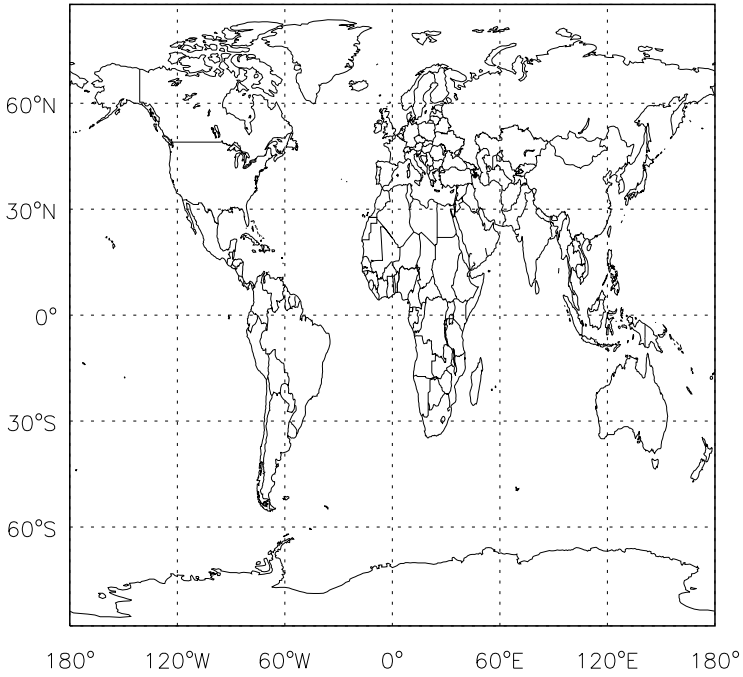
v11-01g-Run0 - v11-01d-Run1

H1211- Diff @ 500 hPa for Jul

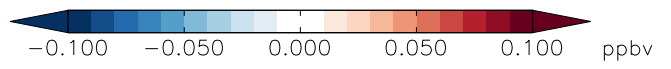
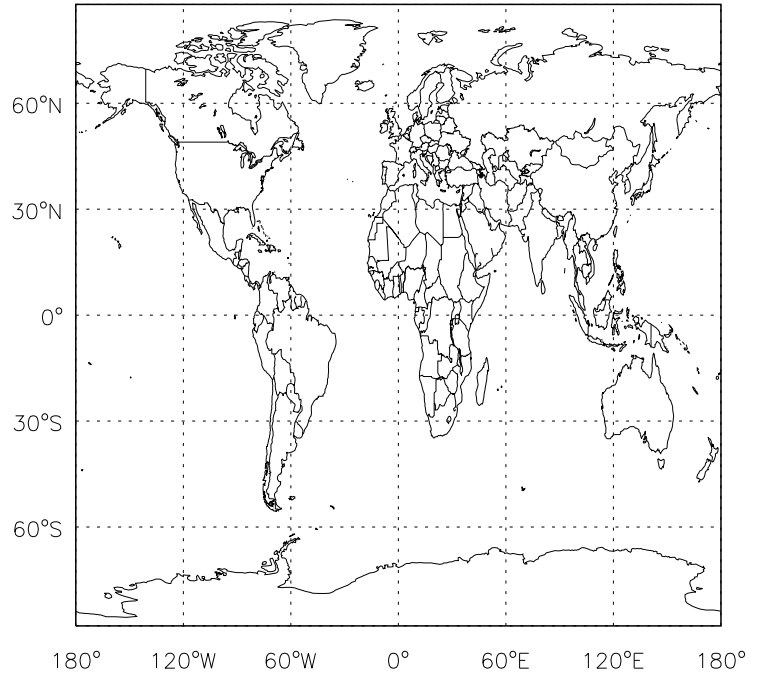


GEOS-Chem Difference Maps at surface and 500 hPa

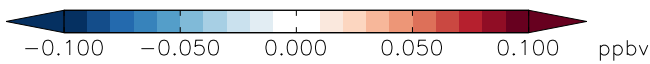
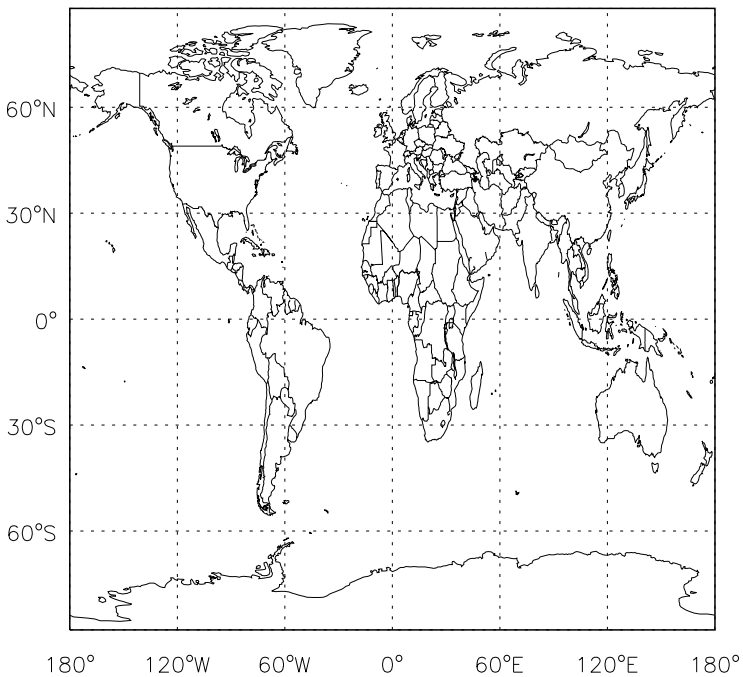
v11-01g-Run0 - v11-01f-geosfp-Run0
H1301 - Diff @ Surface for Jul



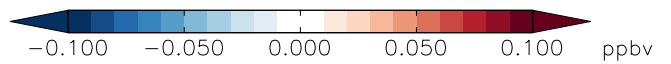
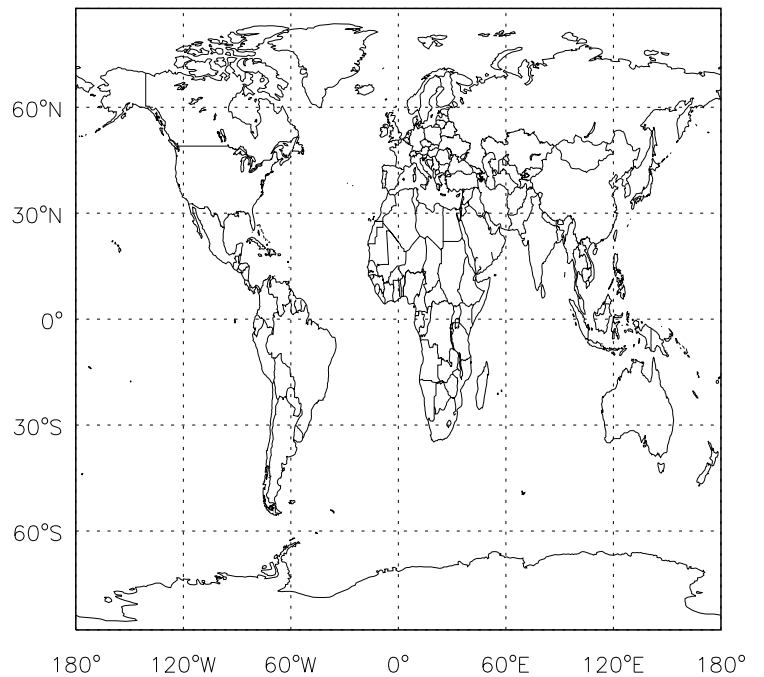
v11-01g-Run0 - v11-01f-geosfp-Run0
H1301 - Diff @ 500 hPa for Jul



v11-01g-Run0 - v11-01d-Run1
H1301 - Diff @ Surface for Jul

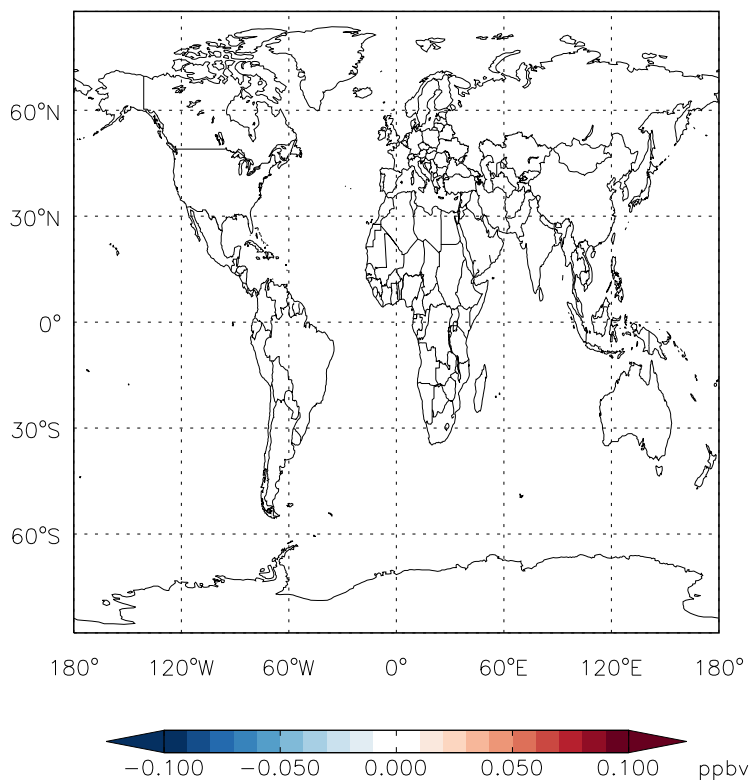


v11-01g-Run0 - v11-01d-Run1
H1301 - Diff @ 500 hPa for Jul

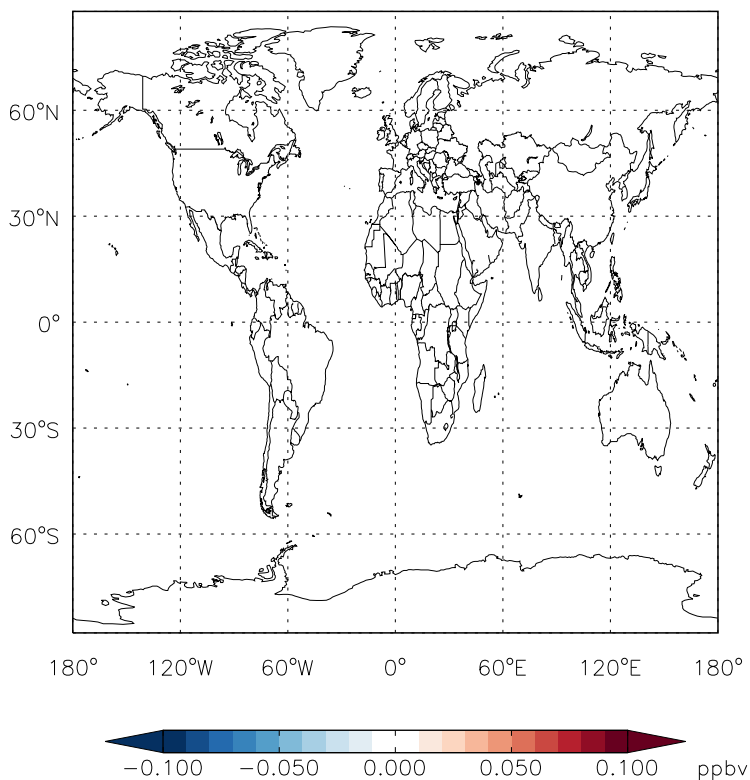


GEOS-Chem Difference Maps at surface and 500 hPa

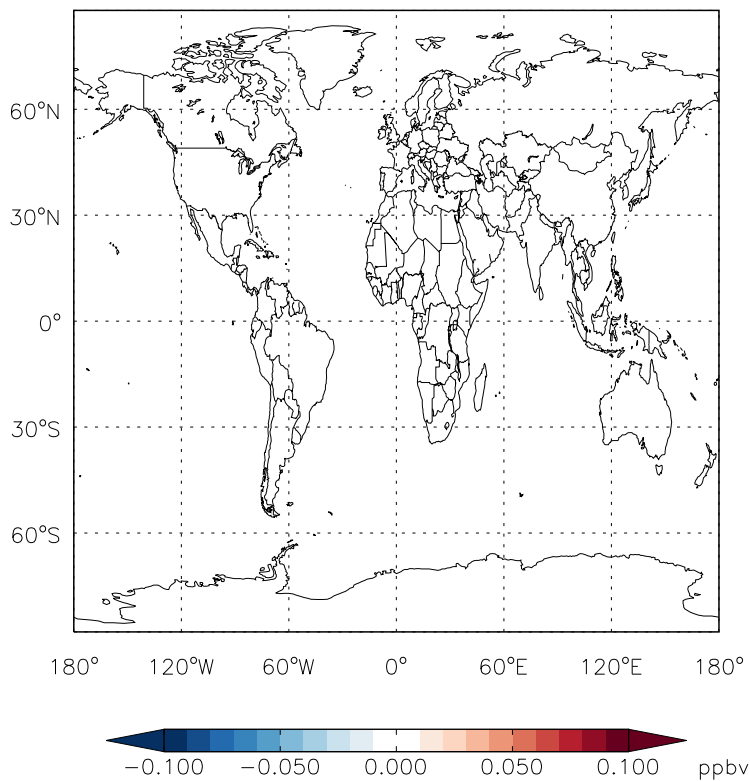
v11-01g-Run0 - v11-01f-geosfp-Run0
H2402 - Diff @ Surface for Jul



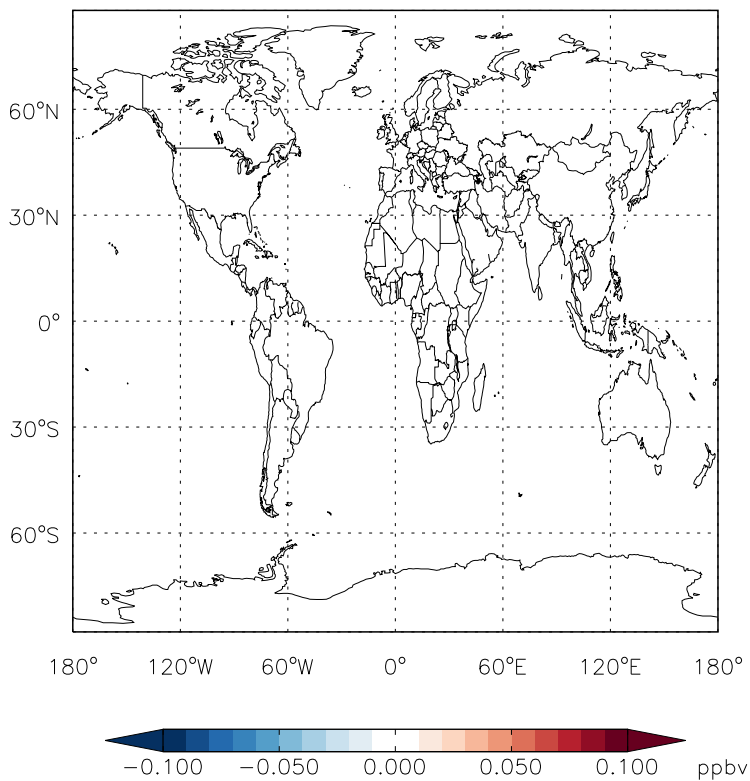
v11-01g-Run0 - v11-01f-geosfp-Run0
H2402 - Diff @ 500 hPa for Jul



v11-01g-Run0 - v11-01d-Run1
H2402 - Diff @ Surface for Jul



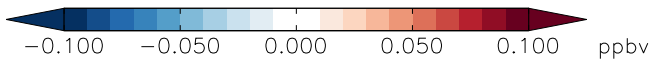
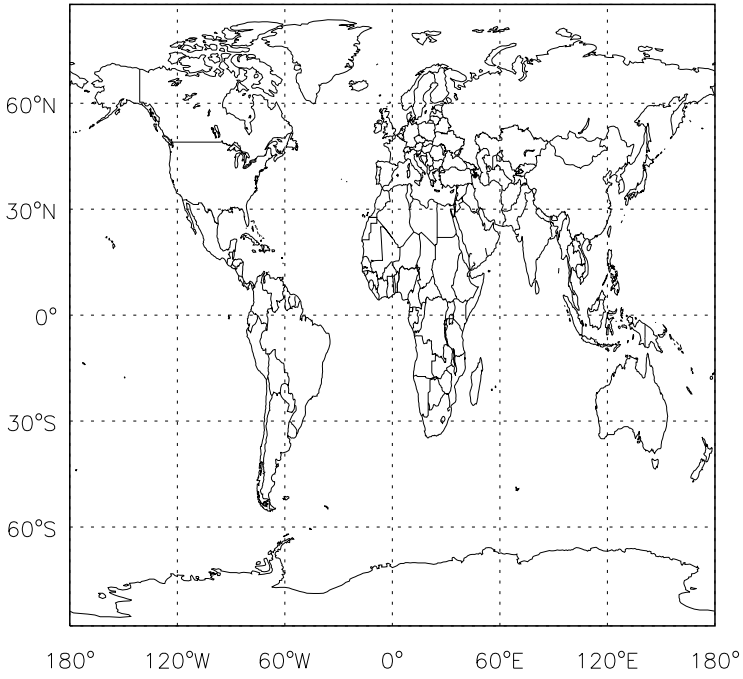
v11-01g-Run0 - v11-01d-Run1
H2402 - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

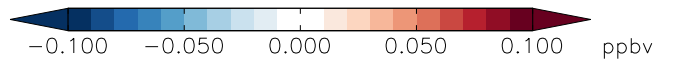
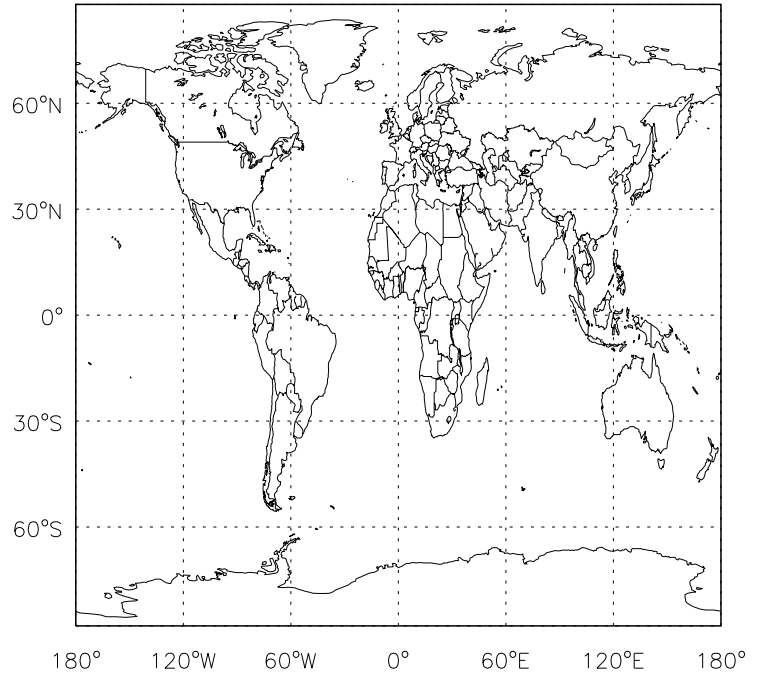
v11-01g-Run0 - v11-01f-geosfp-Run0

Cl - Diff @ Surface for Jul



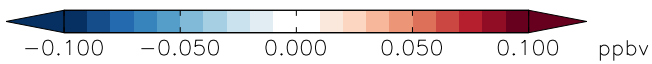
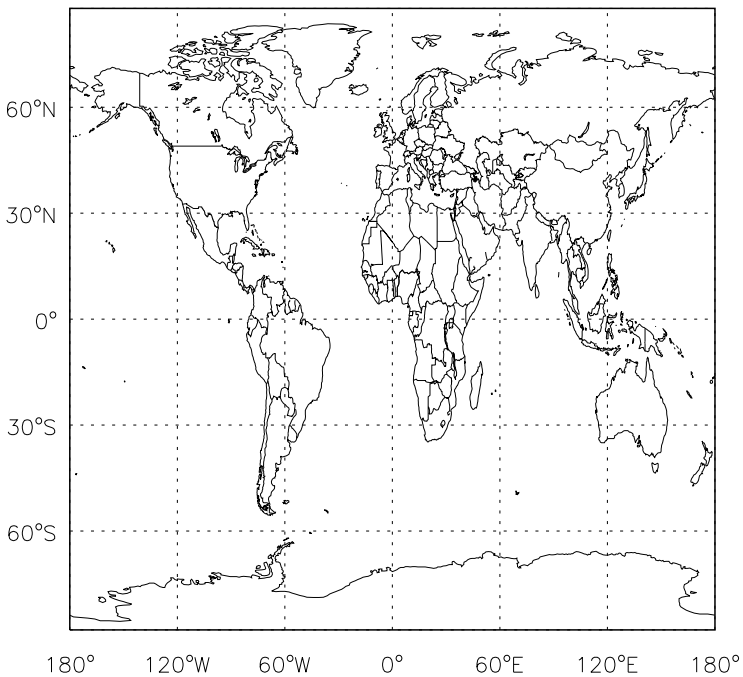
v11-01g-Run0 - v11-01f-geosfp-Run0

Cl - Diff @ 500 hPa for Jul



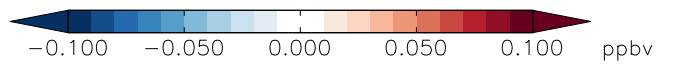
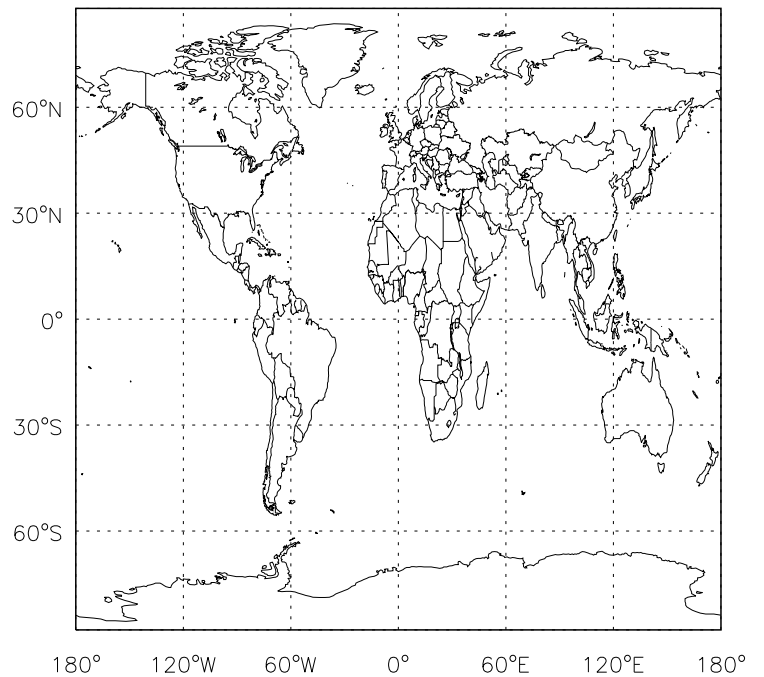
v11-01g-Run0 - v11-01d-Run1

Cl - Diff @ Surface for Jul



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

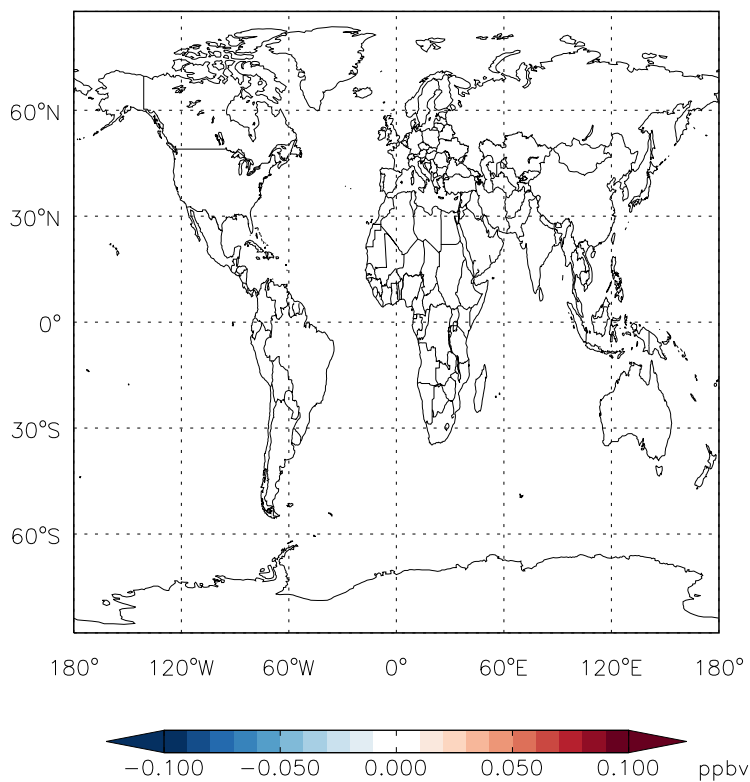
Cl - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

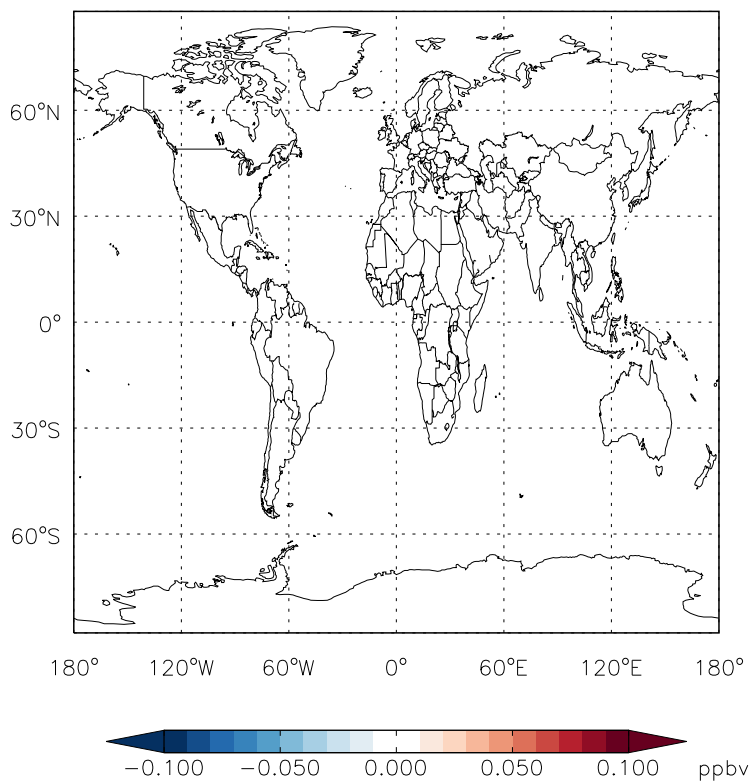
v11-01g-Run0 - v11-01f-geosfp-Run0

ClO - Diff @ Surface for Jul



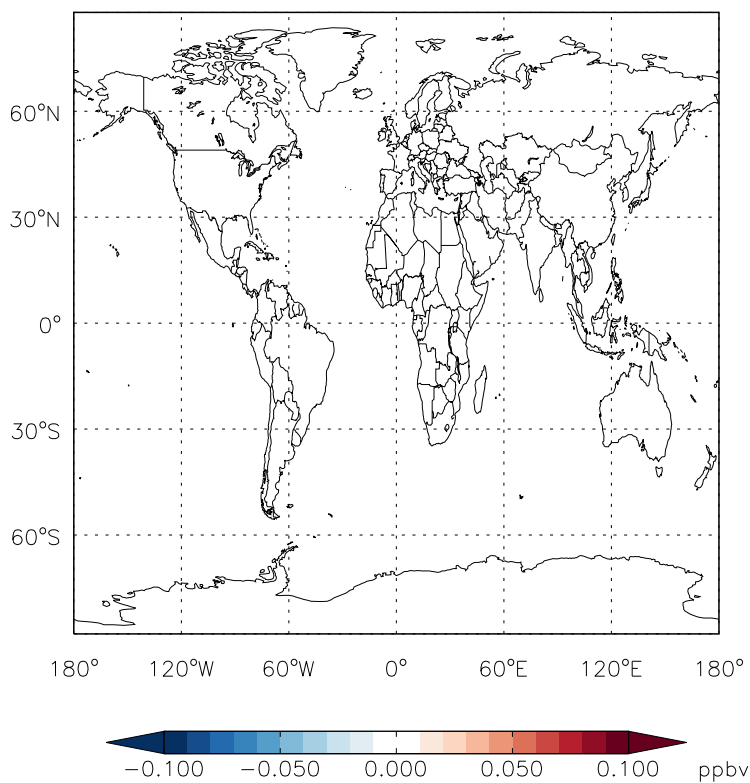
v11-01g-Run0 - v11-01f-geosfp-Run0

ClO - Diff @ 500 hPa for Jul



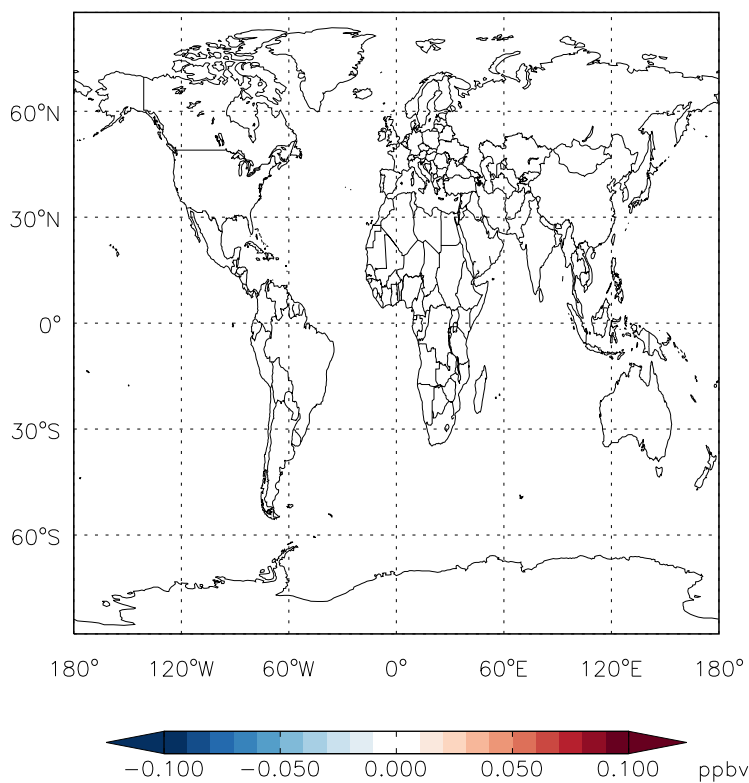
v11-01g-Run0 - v11-01d-Run1

ClO - Diff @ Surface for Jul



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

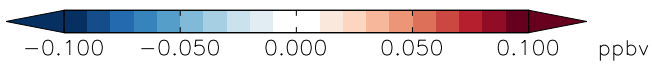
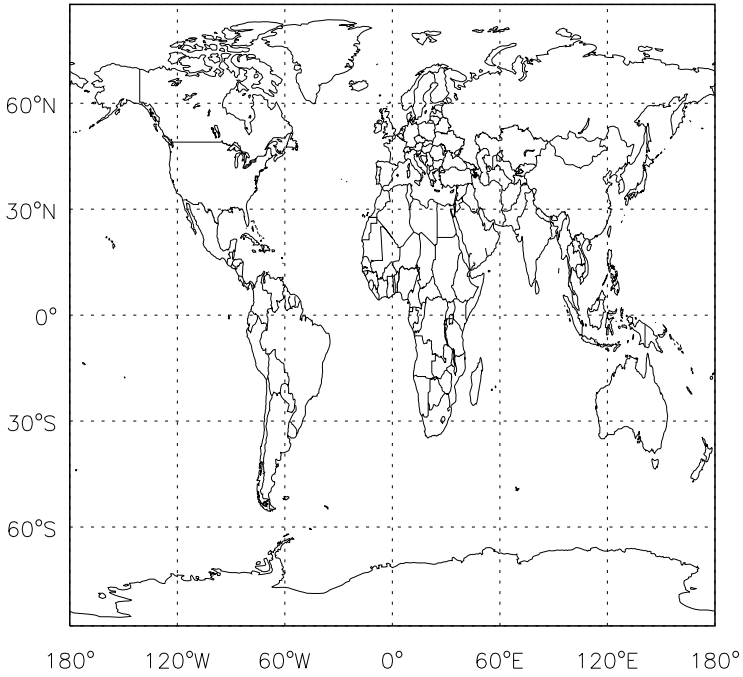
ClO - Diff @ 500 hPa for Jul



GEOS-Chem Difference Maps at surface and 500 hPa

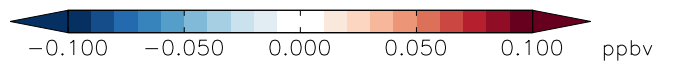
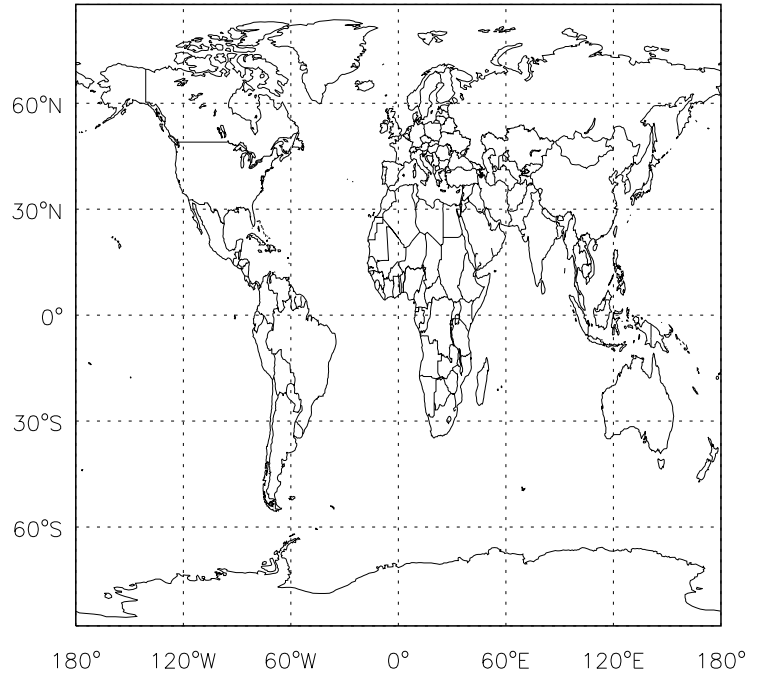
v11-01g-Run0 - v11-01f-geosfp-Run0

HOCl - Diff @ Surface for Jul



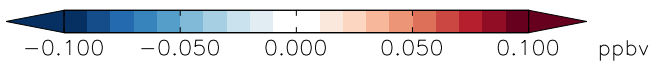
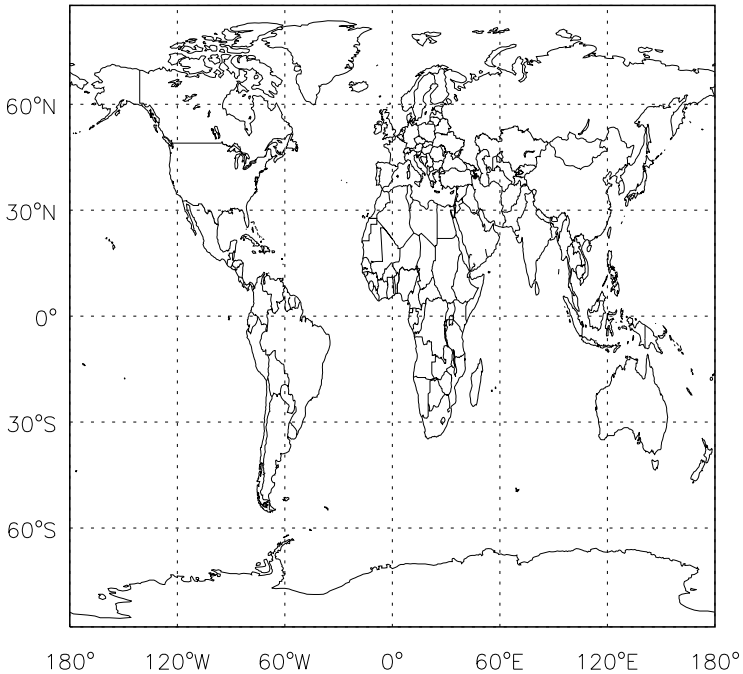
v11-01g-Run0 - v11-01f-geosfp-Run0

HOCl - Diff @ 500 hPa for Jul



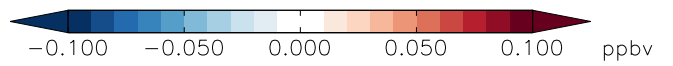
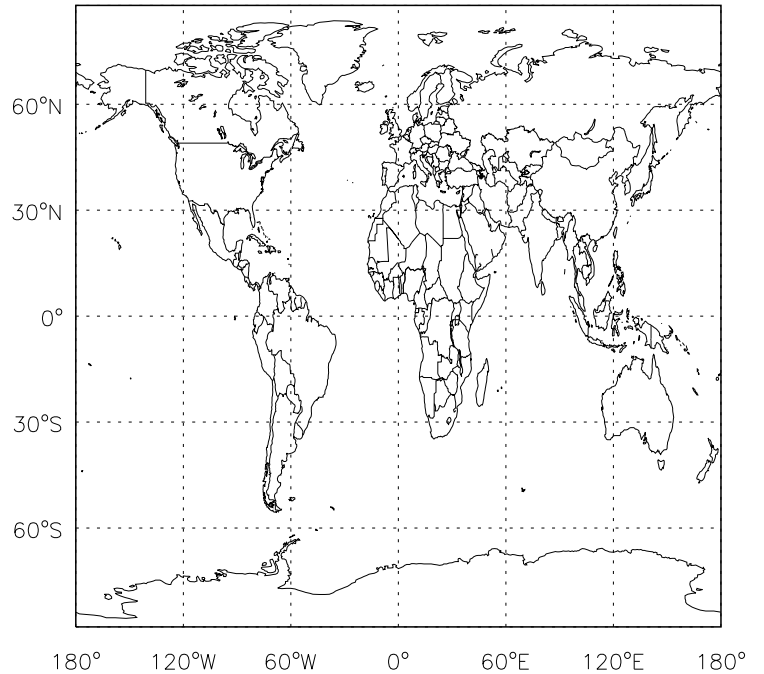
v11-01g-Run0 - v11-01d-Run1

HOCl - Diff @ Surface for Jul



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

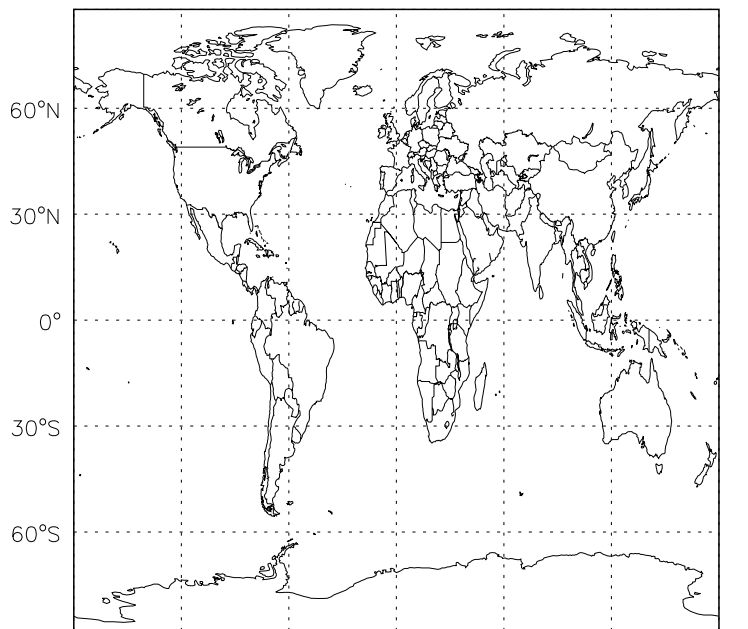
HOCl - Diff @ 500 hPa for Jul



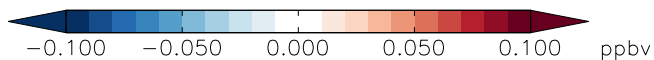
GEOS-Chem Difference Maps at surface and 500 hPa

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

CINO3 - Diff @ Surface for Jul

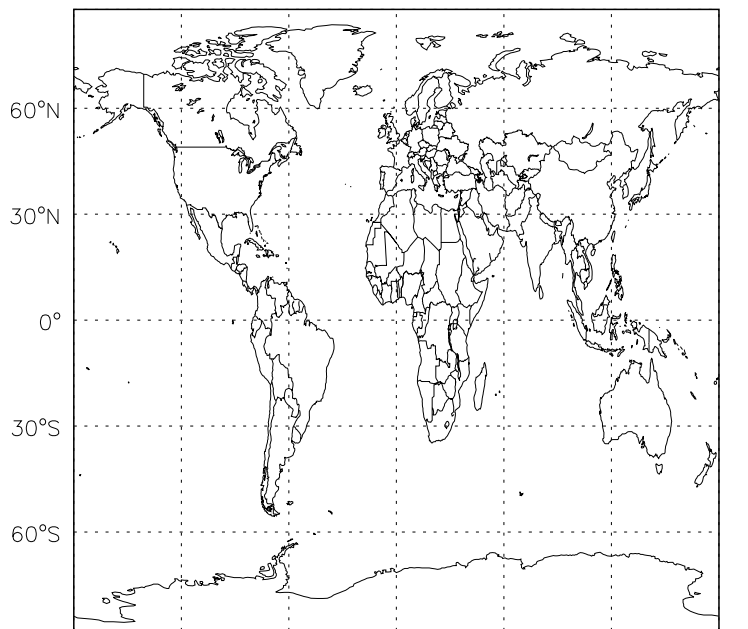


180° 120°W 60°W 0° 60°E 120°E 180°

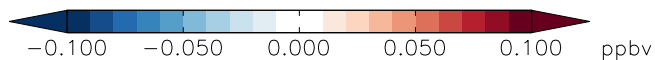


v11-01g-Run0 - v11-01f-geosfp-Run0

CINO3- Diff @ 500 hPa for Jul

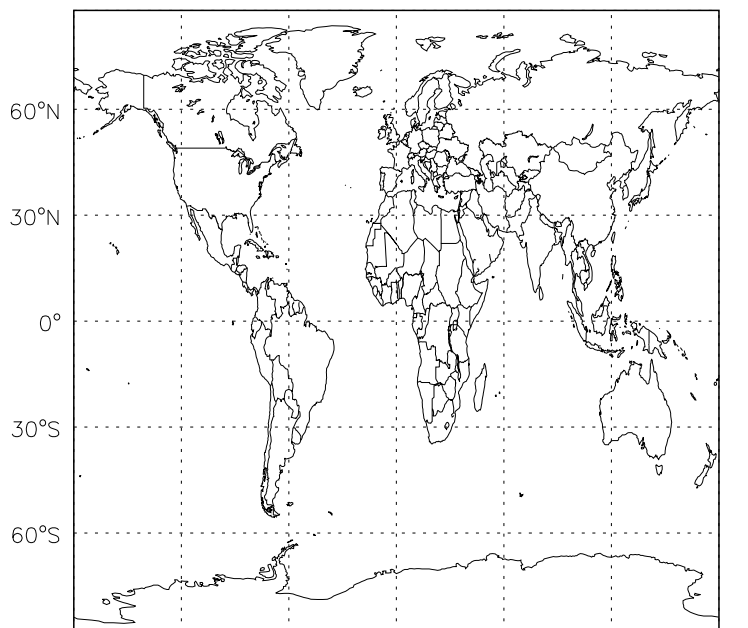


180° 120°W 60°W 0° 60°E 120°E 180°

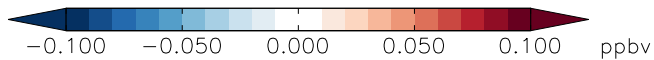


v11-01g-Run0 - v11-01d-Run1

CINO3 - Diff @ Surface for Jul

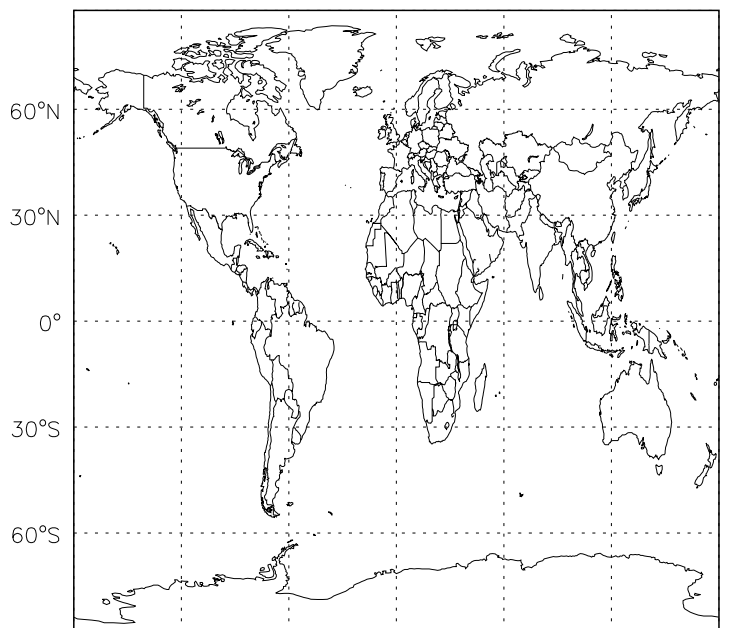


180° 120°W 60°W 0° 60°E 120°E 180°

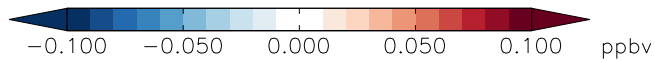


v11-01g-Run0 - v11-01d-Run1

CINO3- Diff @ 500 hPa for Jul



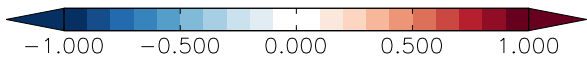
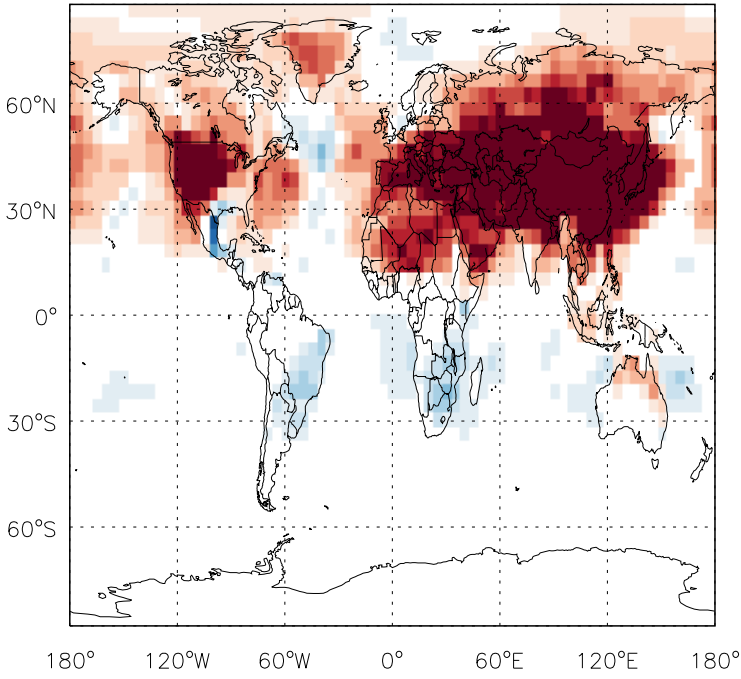
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem Difference Maps at surface and 500 hPa

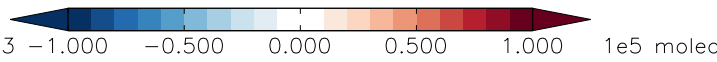
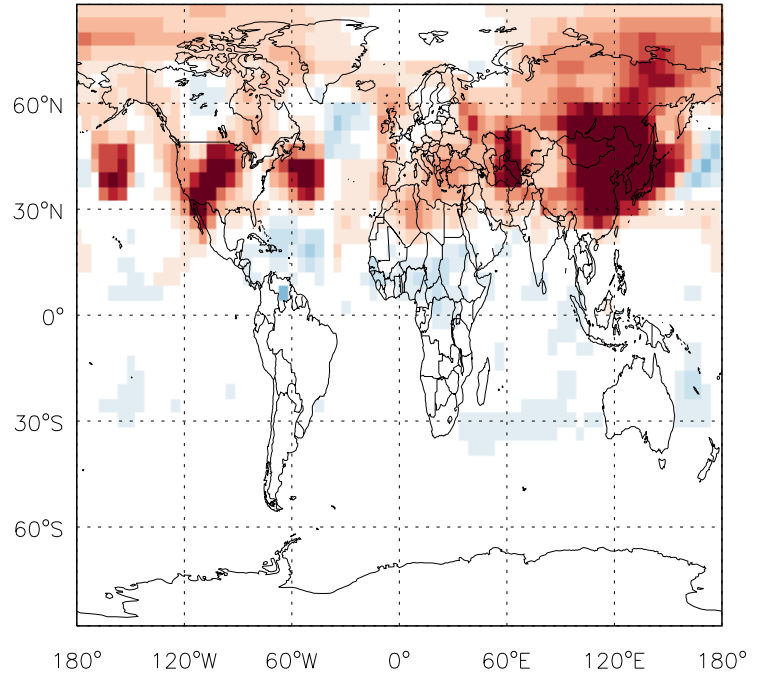
v11-01g-Run0 - v11-01f-geosp-Run0

OH - Diff @ Surface for Jul



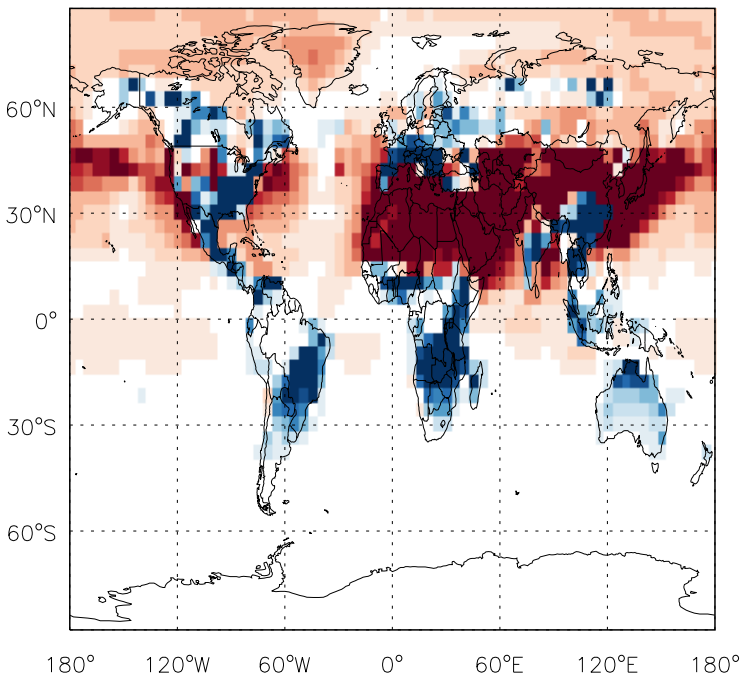
v11-01g-Run0 - v11-01f-geosp-Run0

OH- Diff @ 500 hPa for Jul



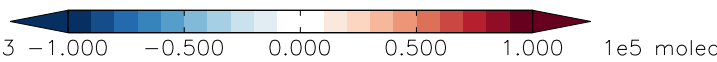
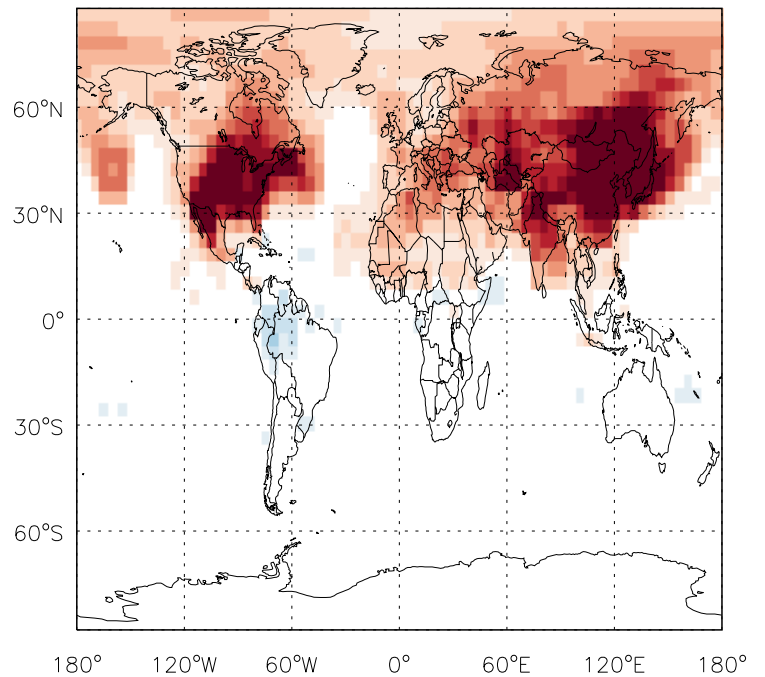
v11-01g-Run0 - v11-01d-Run1

OH - Diff @ Surface for Jul



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

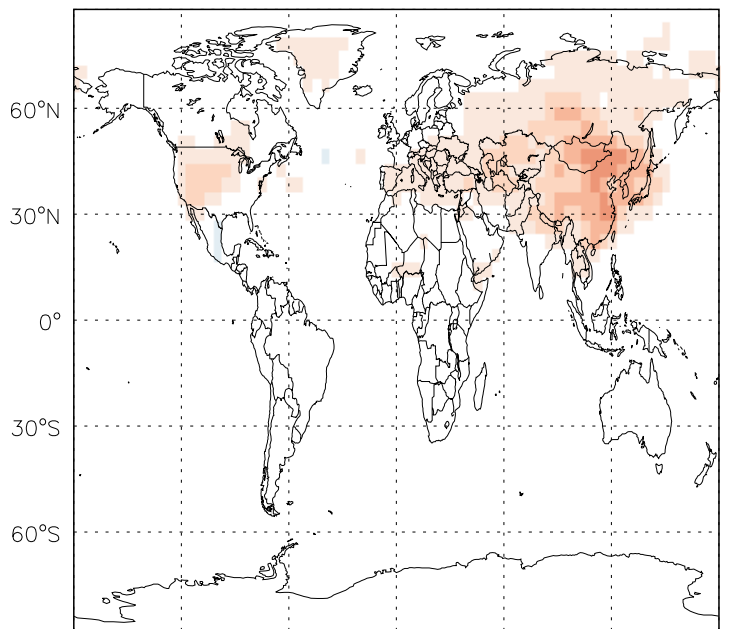
OH- Diff @ 500 hPa for Jul



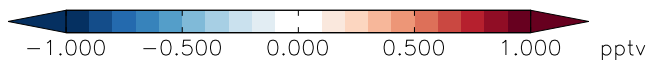
GEOS-Chem Difference Maps at surface and 500 hPa

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

H₂ - Diff @ Surface for Jul

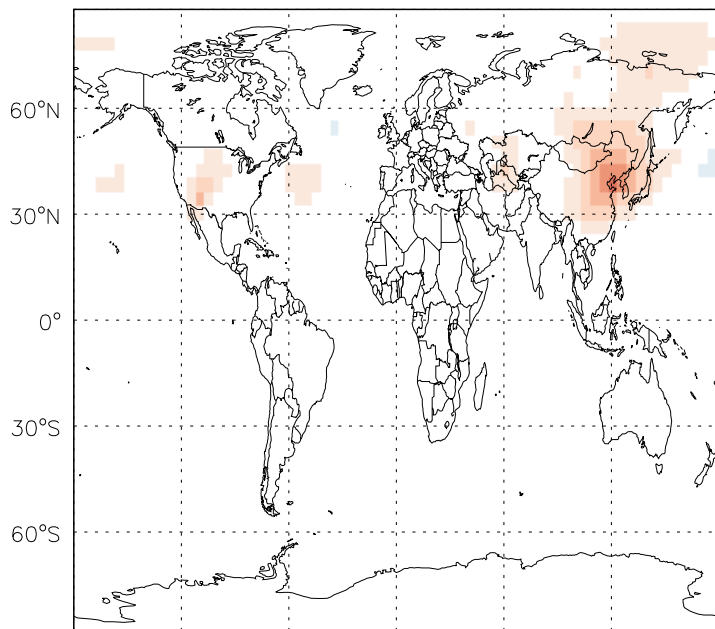


180° 120°W 60°W 0° 60°E 120°E 180°

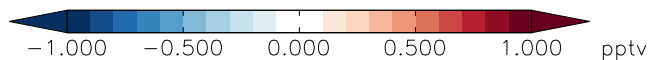


v11-01g-Run0 - v11-01f-geosfp-Run0

H₂ - Diff @ 500 hPa for Jul

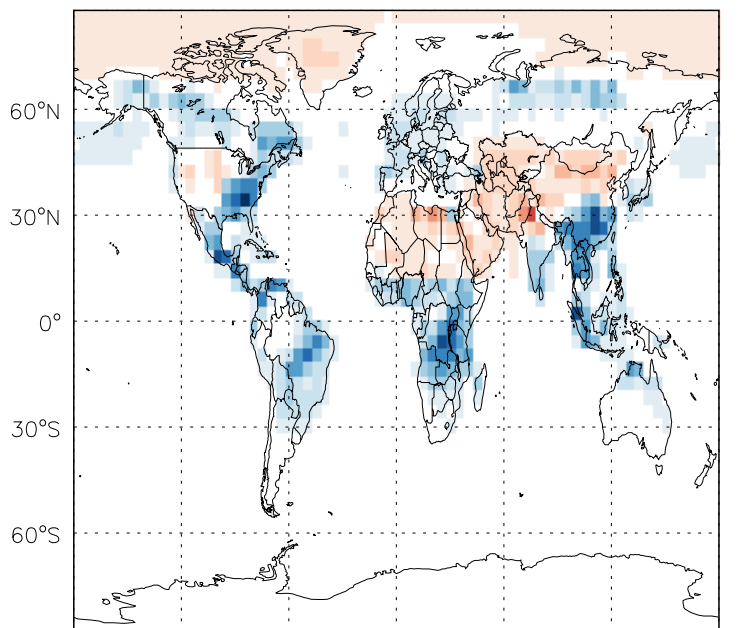


180° 120°W 60°W 0° 60°E 120°E 180°

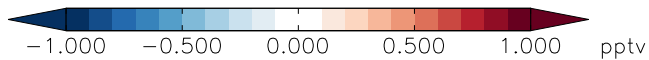


v11-01g-Run0 - v11-01d-Run1

H₂ - Diff @ Surface for Jul

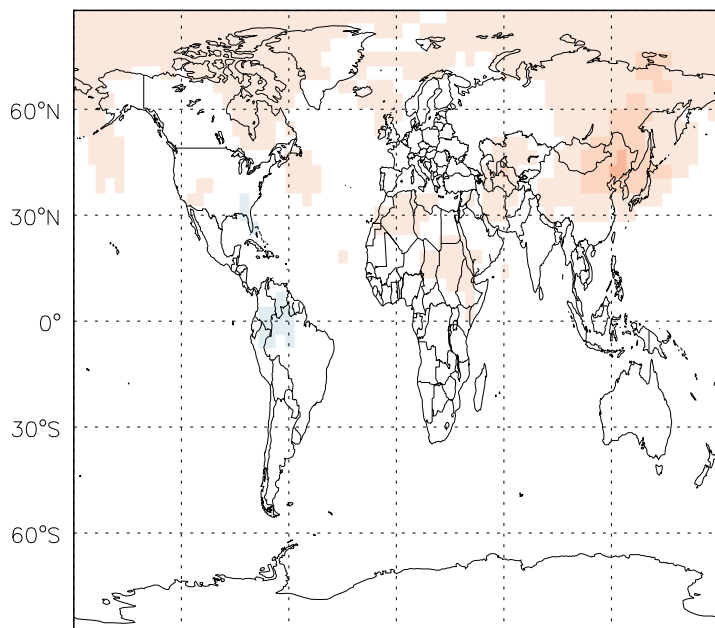


180° 120°W 60°W 0° 60°E 120°E 180°



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

H₂ - Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

