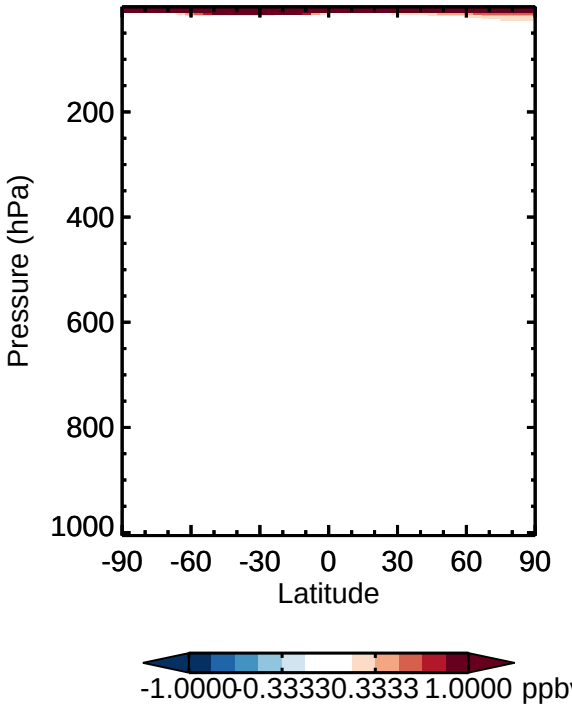
GEOS-Chem Zonal Difference Maps

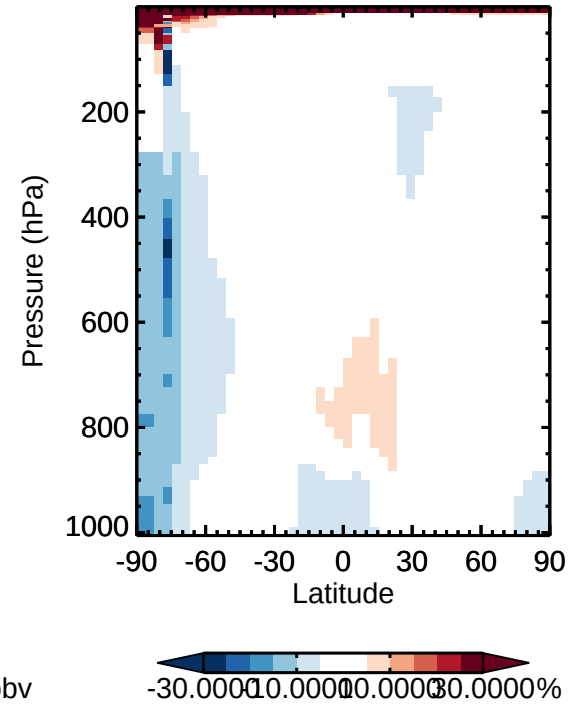
v11-01k-Run0 - v11-01g-Run0

NO - Zonal mean abs diff for Jul



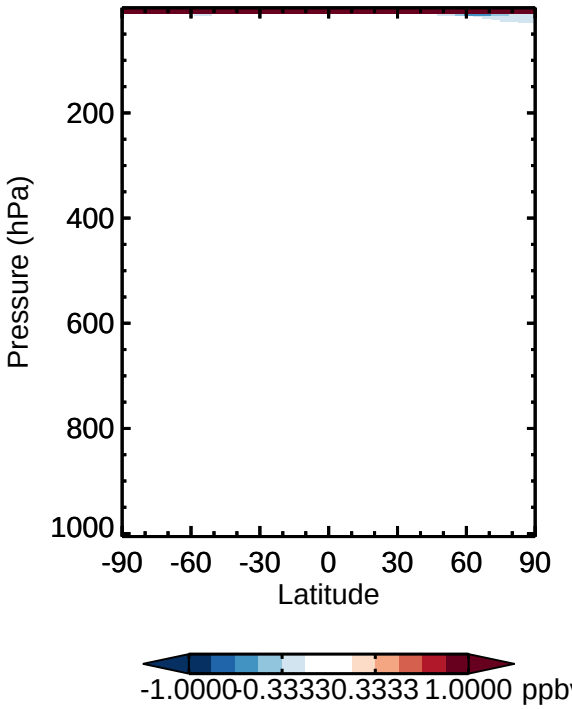
v11-01k-Run0 / v11-01g-Run0

NO - Zonal mean % diff for Jul



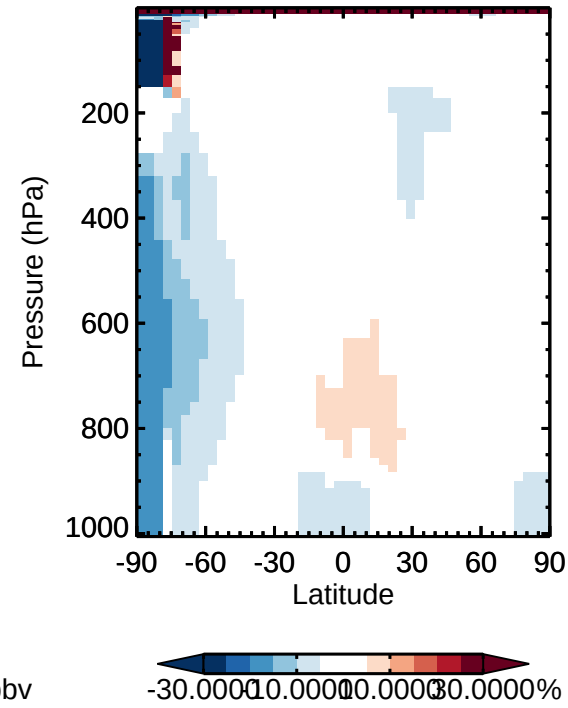
v11-01k-Run0 - v11-01f-geosfp-Run0

NO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

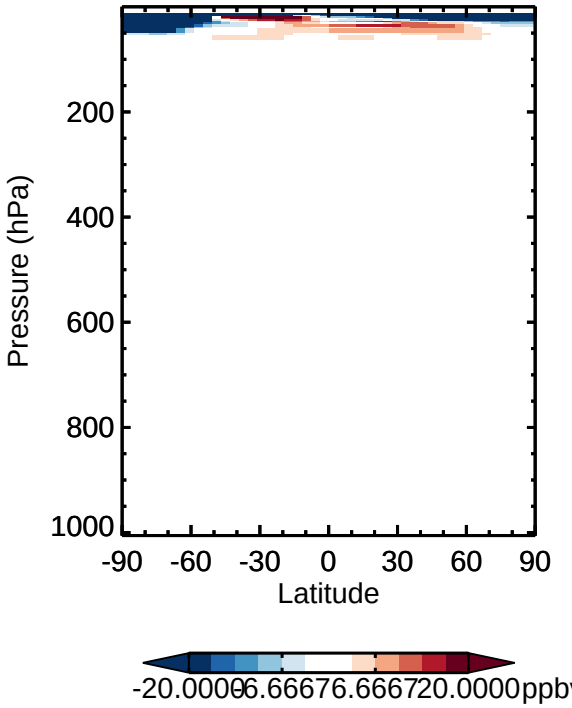
NO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

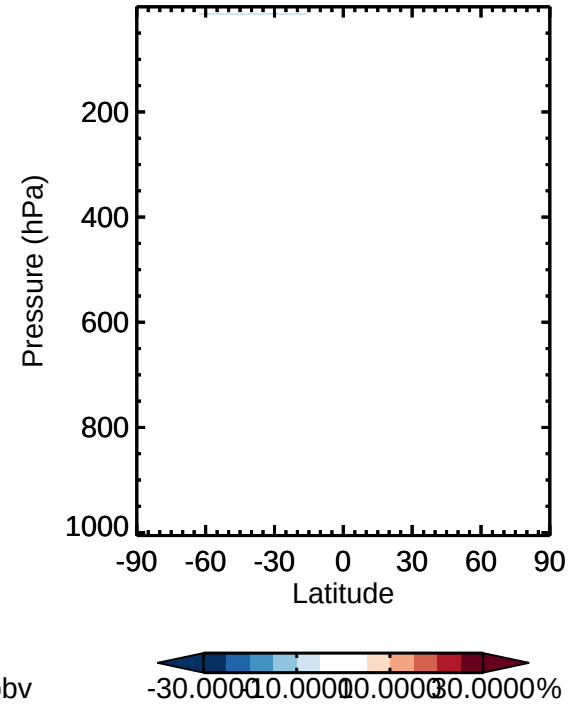
v11-01k-Run0 - v11-01g-Run0

O3 - Zonal mean abs diff for Jul



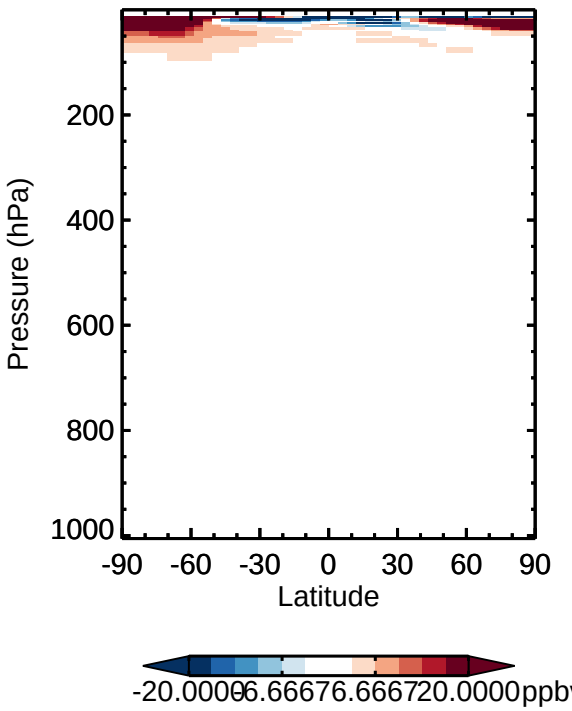
v11-01k-Run0 / v11-01g-Run0

O3 - Zonal mean % diff for Jul



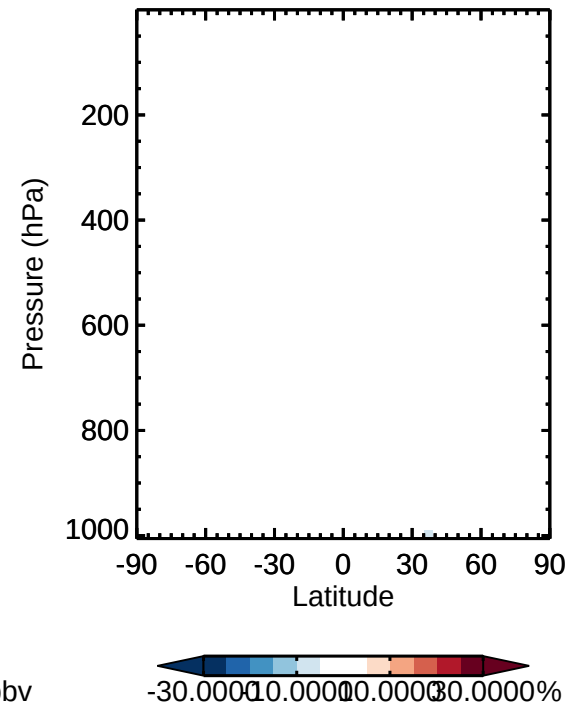
v11-01k-Run0 - v11-01f-geosfp-Run0

O3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

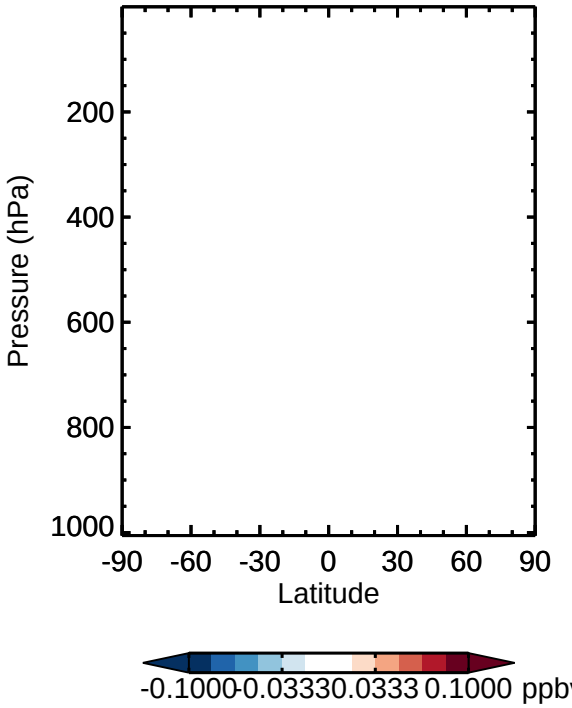
O3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

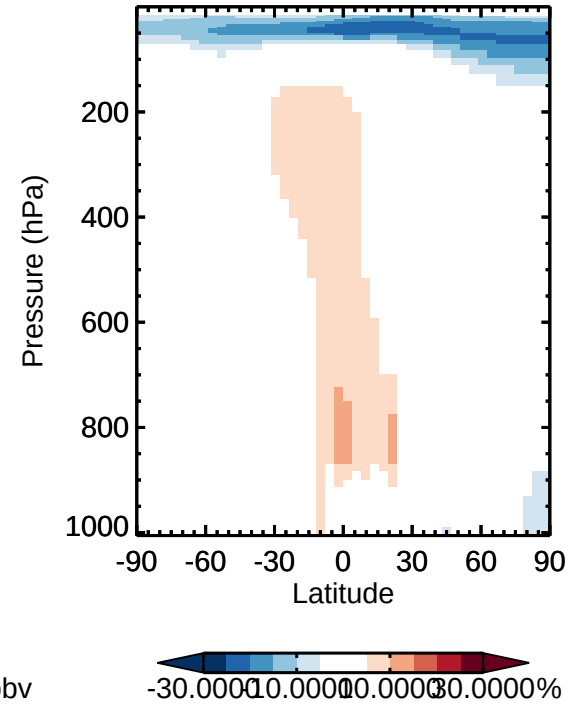
v11-01k-Run0 - v11-01g-Run0

PAN - Zonal mean abs diff for Jul



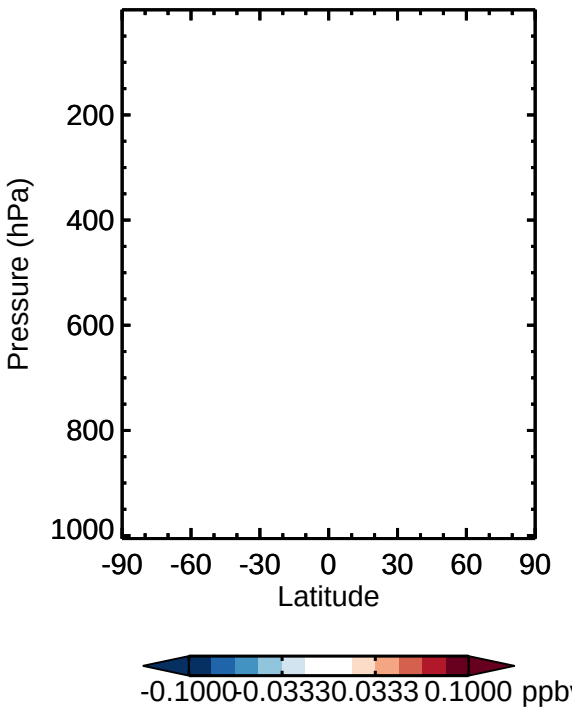
v11-01k-Run0 / v11-01g-Run0

PAN - Zonal mean % diff for Jul



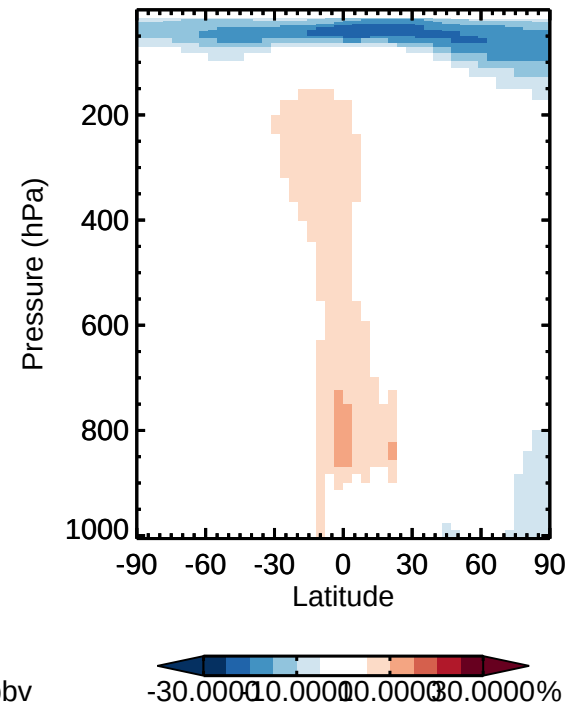
v11-01k-Run0 - v11-01f-geosfp-Run0

PAN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

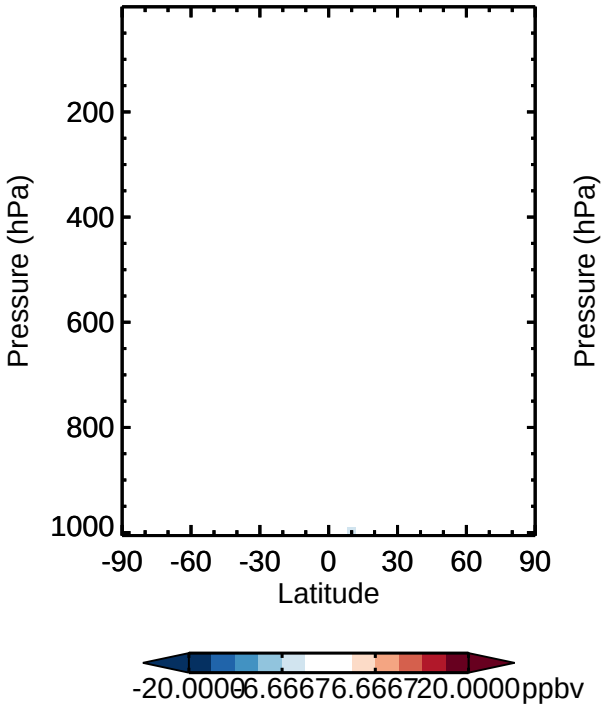
PAN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

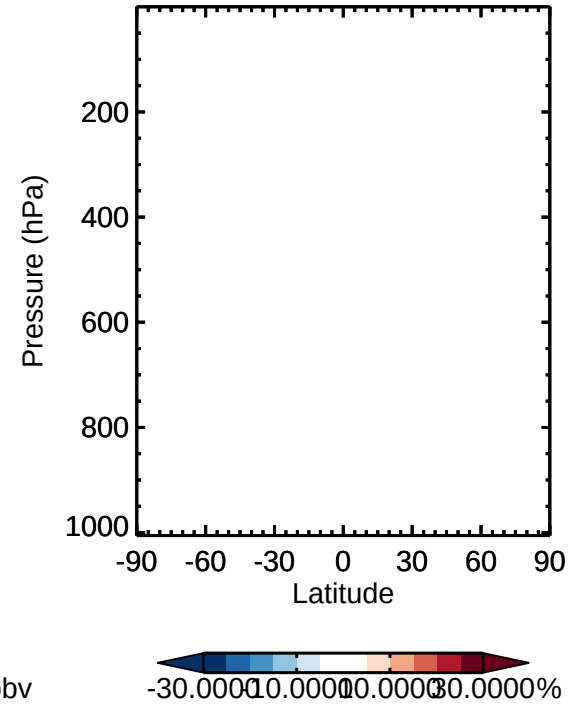
v11-01k-Run0 - v11-01g-Run0

CO - Zonal mean abs diff for Jul



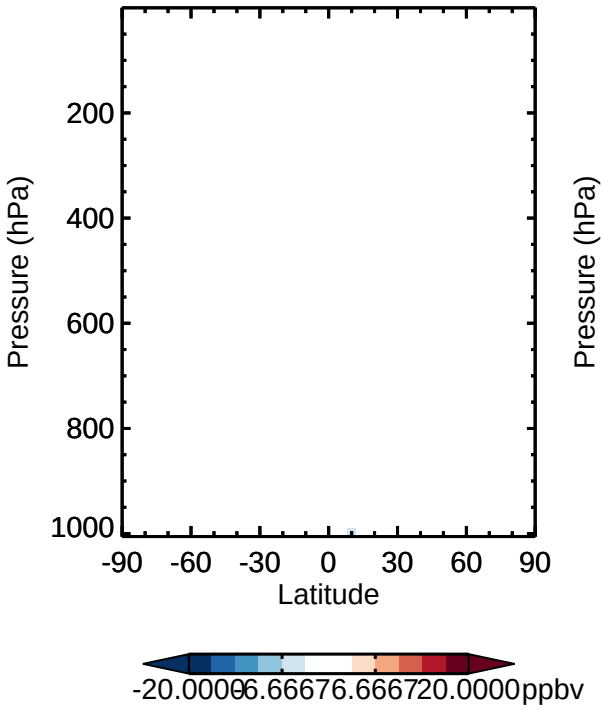
v11-01k-Run0 / v11-01g-Run0

CO - Zonal mean % diff for Jul



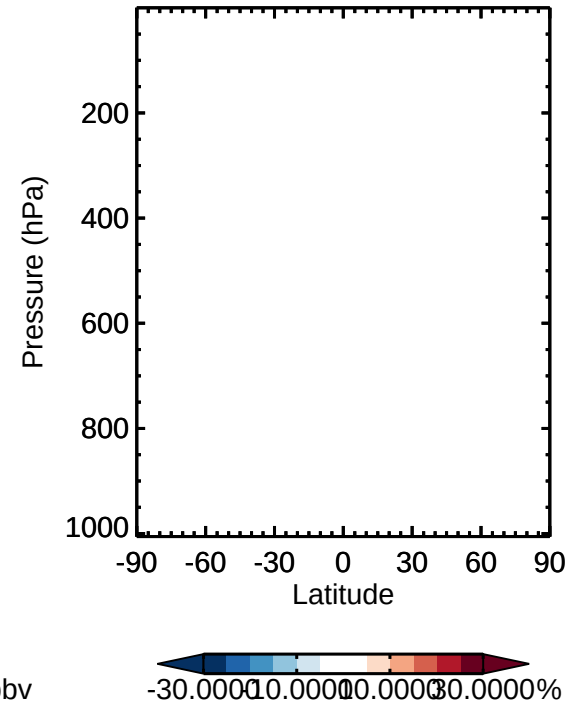
v11-01k-Run0 - v11-01f-geosfp-Run0

CO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

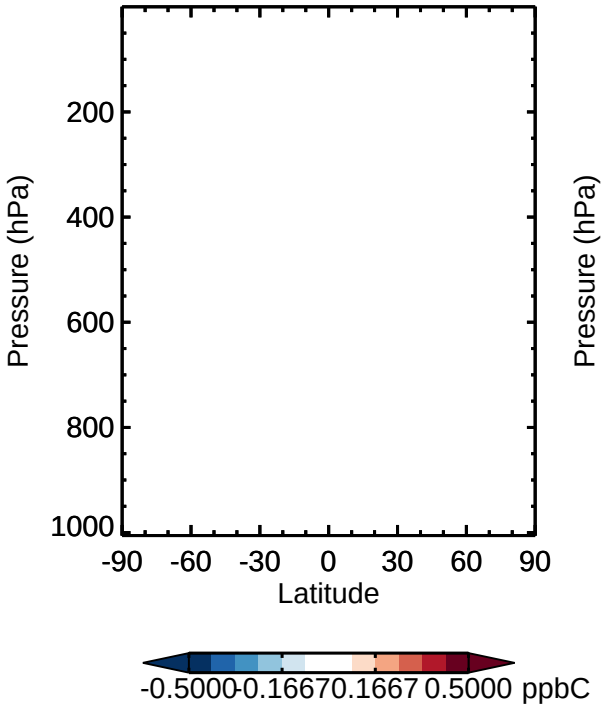
CO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

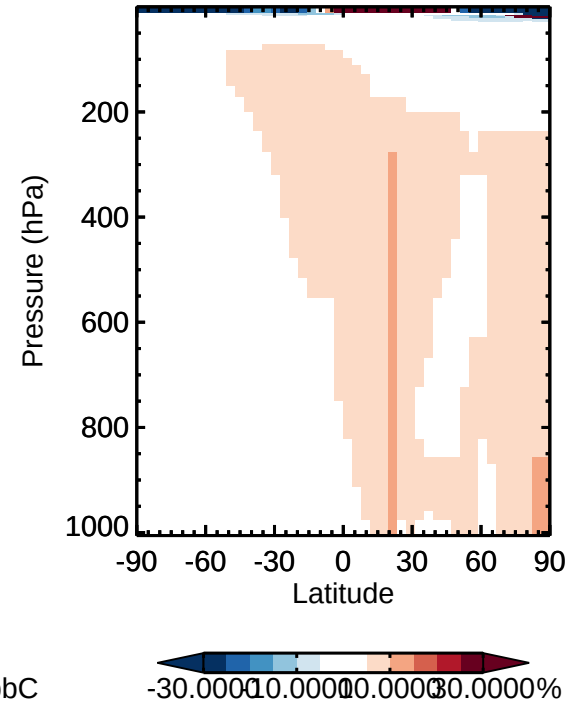
v11-01k-Run0 - v11-01g-Run0

ALK4 - Zonal mean abs diff for Jul



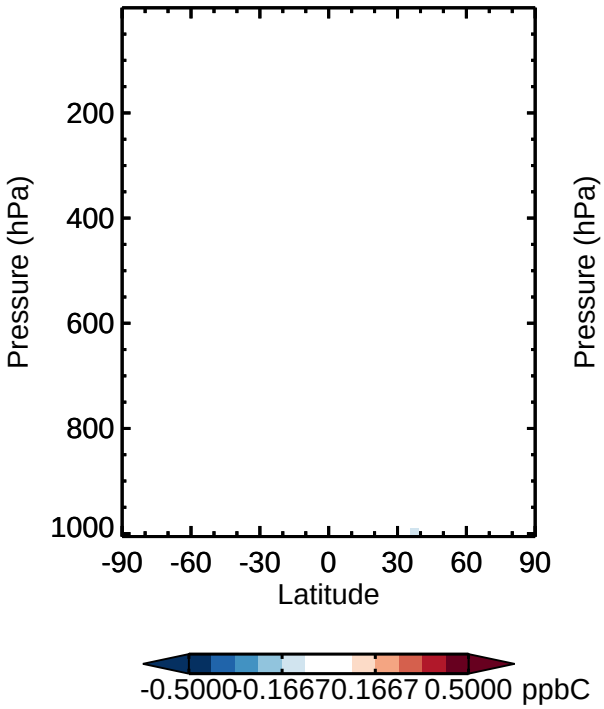
v11-01k-Run0 / v11-01g-Run0

ALK4 - Zonal mean % diff for Jul



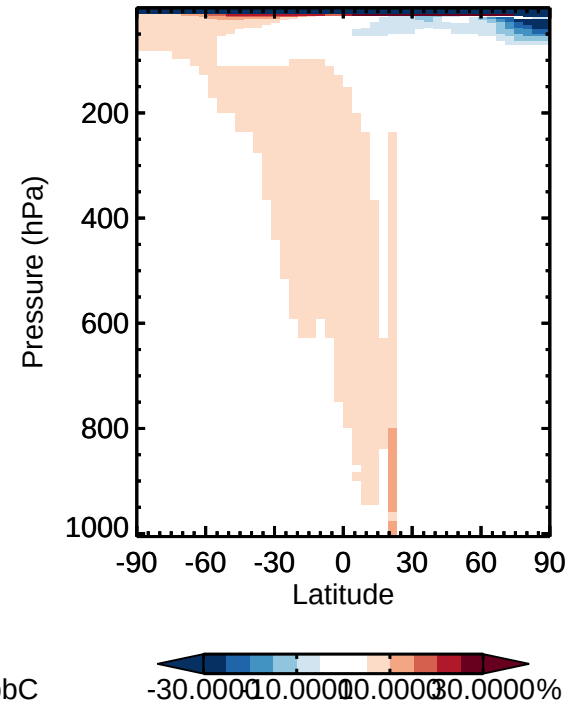
v11-01k-Run0 - v11-01f-geosfp-Run0

ALK4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

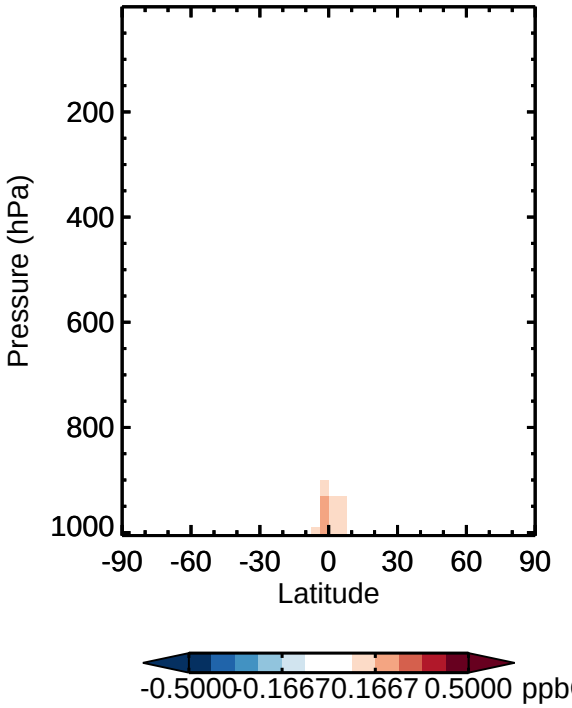
ALK4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

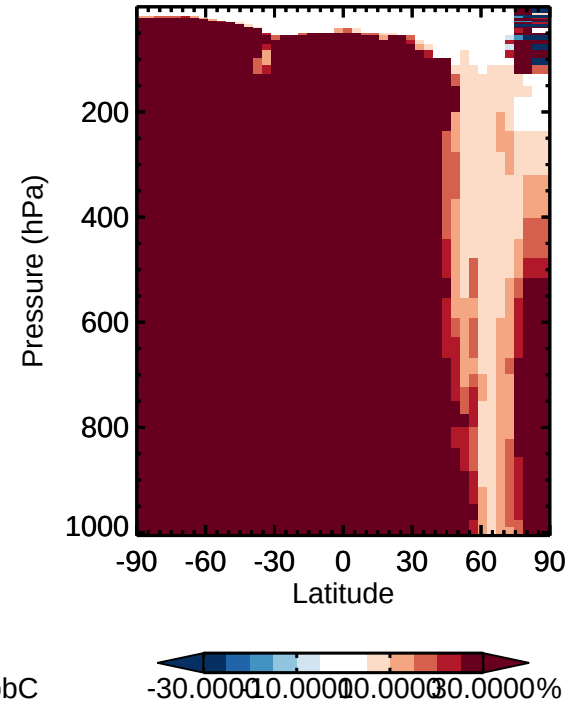
v11-01k-Run0 - v11-01g-Run0

ISOP - Zonal mean abs diff for Jul



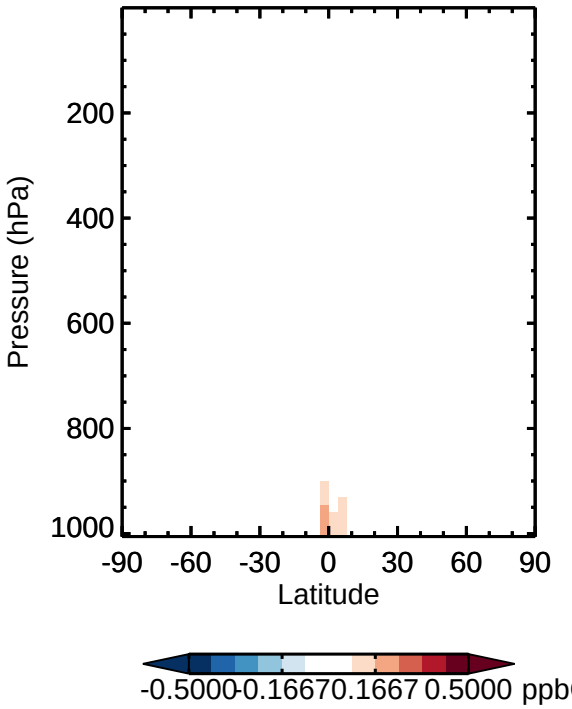
v11-01k-Run0 / v11-01g-Run0

ISOP - Zonal mean % diff for Jul



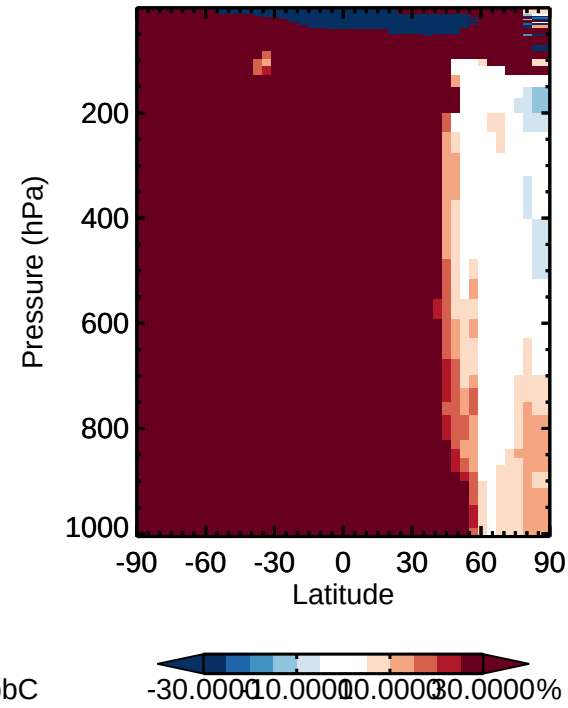
v11-01k-Run0 - v11-01f-geosfp-Run0

ISOP - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

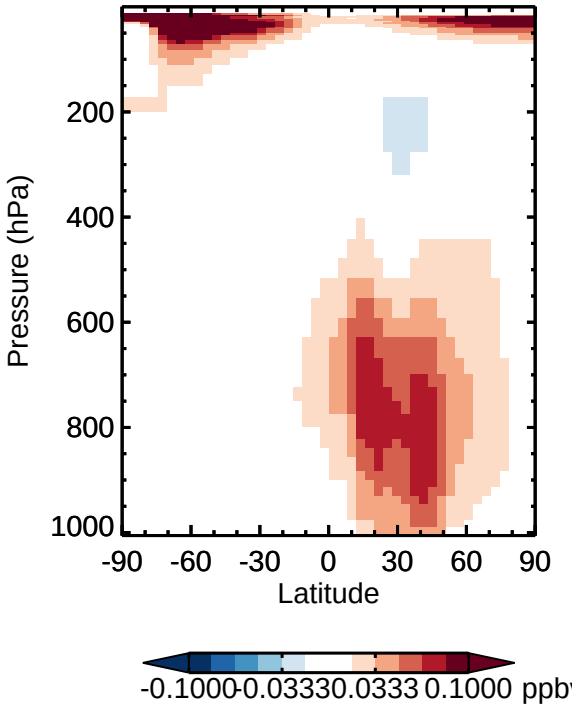
ISOP - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

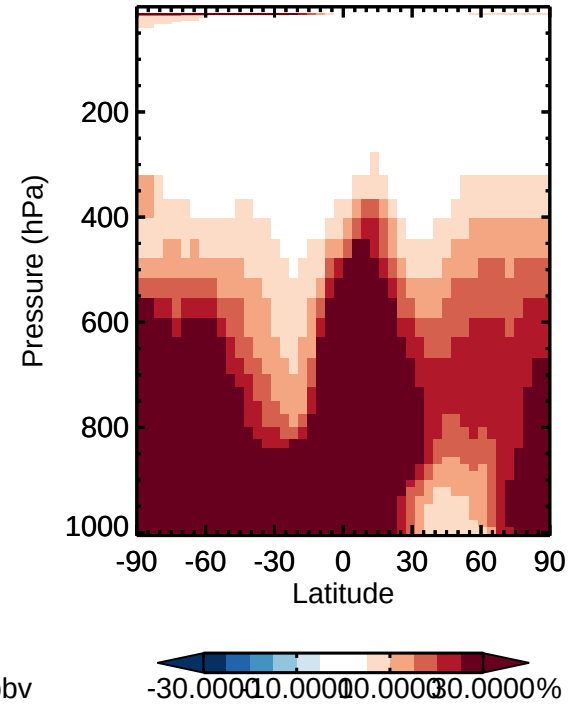
v11-01k-Run0 - v11-01g-Run0

HNO3 - Zonal mean abs diff for Jul



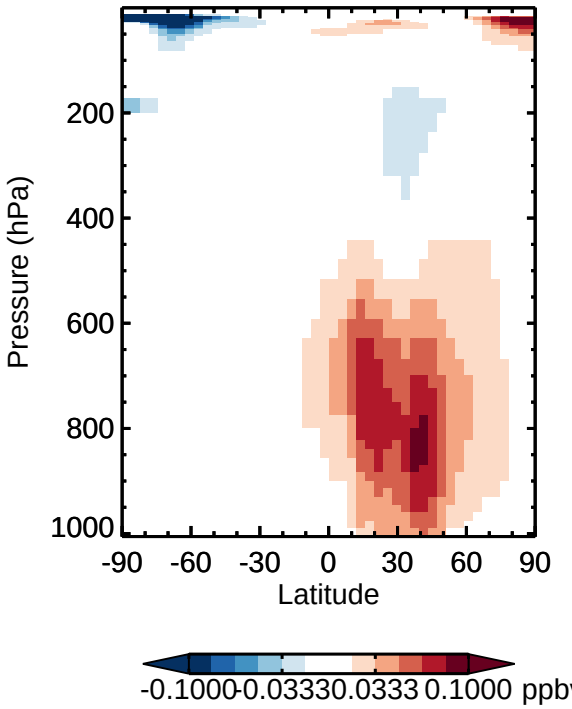
v11-01k-Run0 / v11-01g-Run0

HNO3 - Zonal mean % diff for Jul



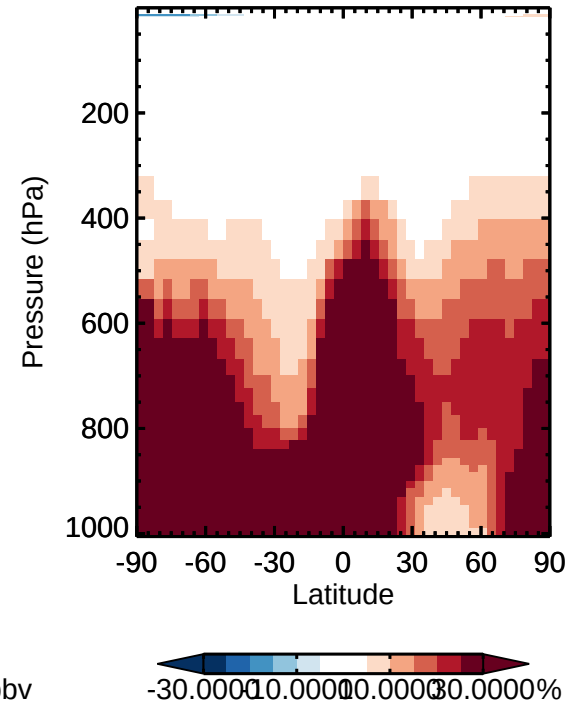
v11-01k-Run0 - v11-01f-geosfp-Run0

HNO3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

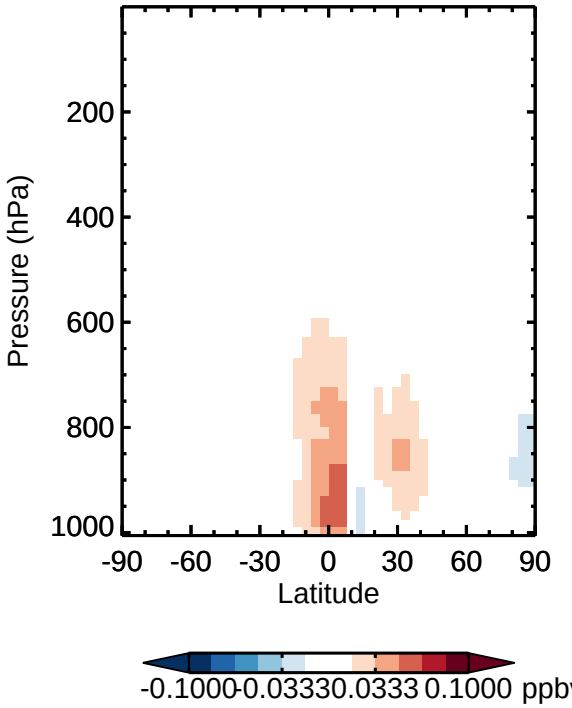
HNO3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

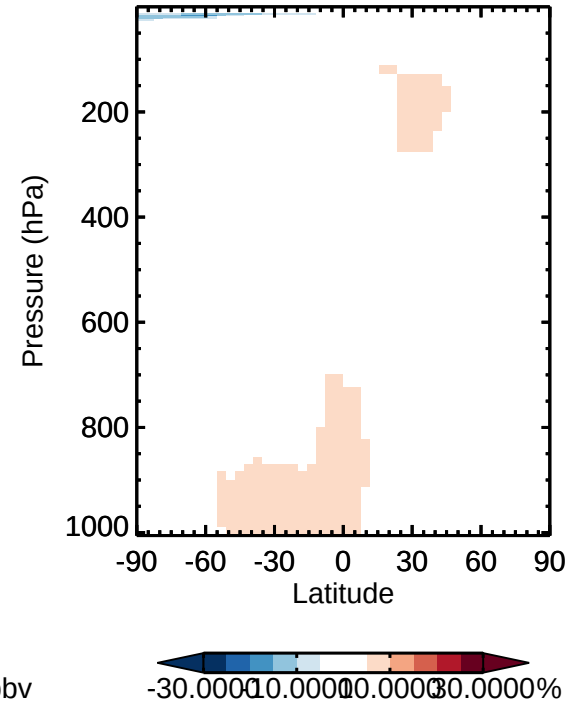
v11-01k-Run0 - v11-01g-Run0

H2O2 - Zonal mean abs diff for Jul



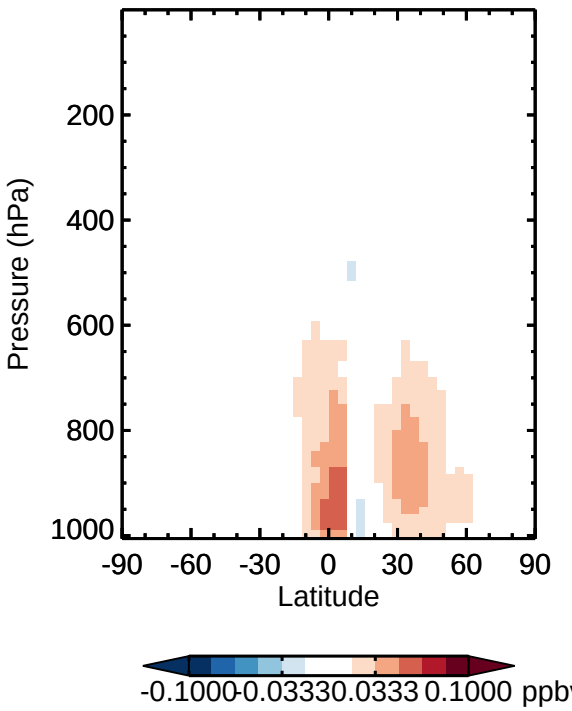
v11-01k-Run0 / v11-01g-Run0

H2O2 - Zonal mean % diff for Jul



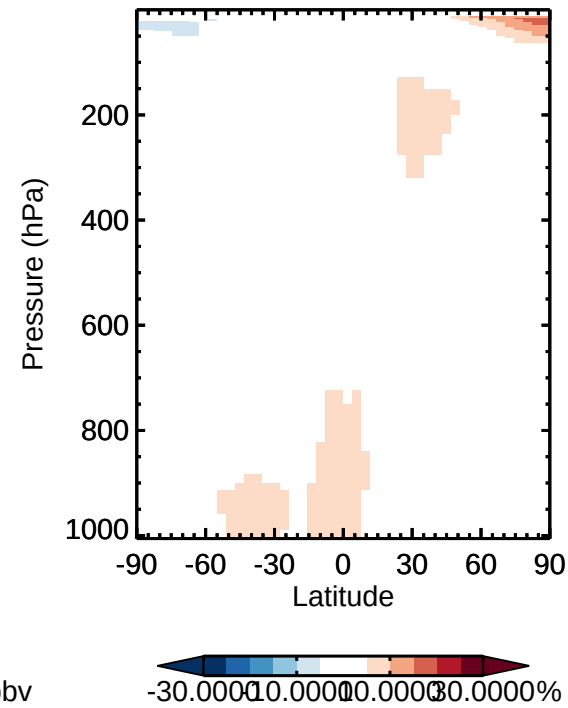
v11-01k-Run0 - v11-01f-geosfp-Run0

H2O2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

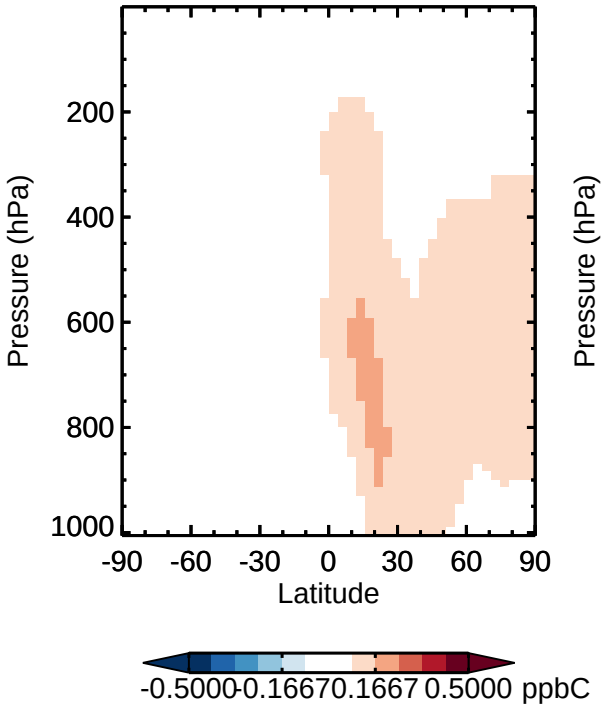
H2O2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

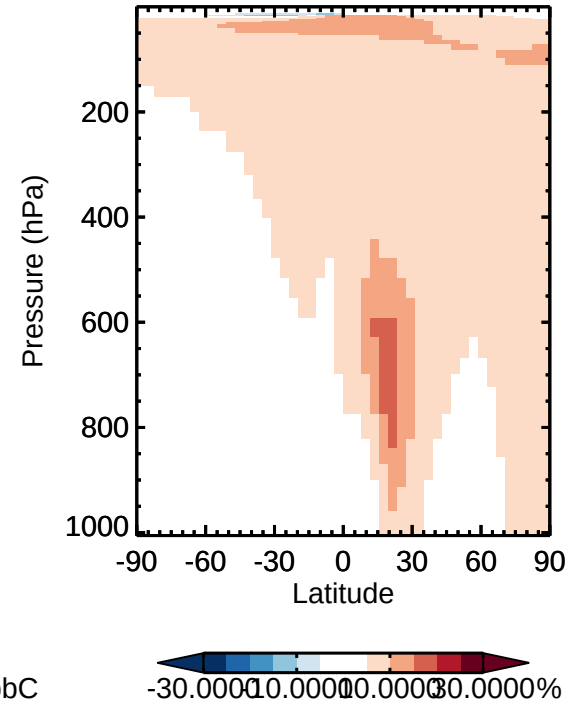
v11-01k-Run0 - v11-01g-Run0

ACET - Zonal mean abs diff for Jul



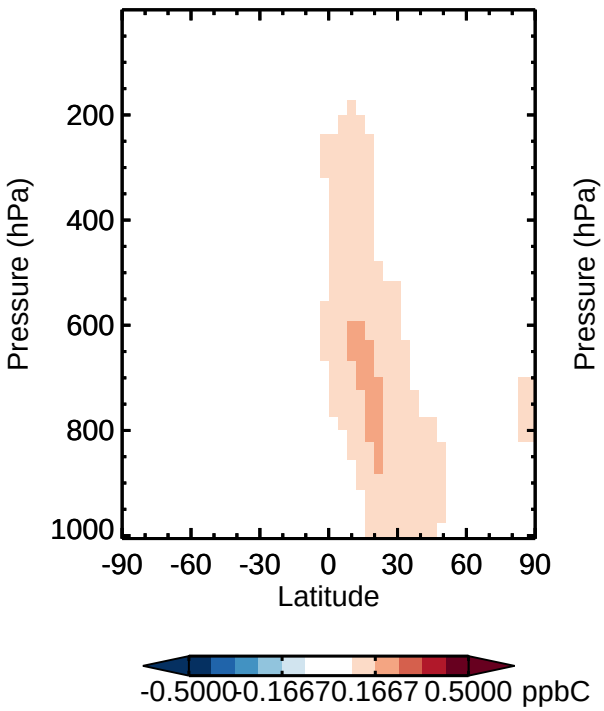
v11-01k-Run0 / v11-01g-Run0

ACET - Zonal mean % diff for Jul



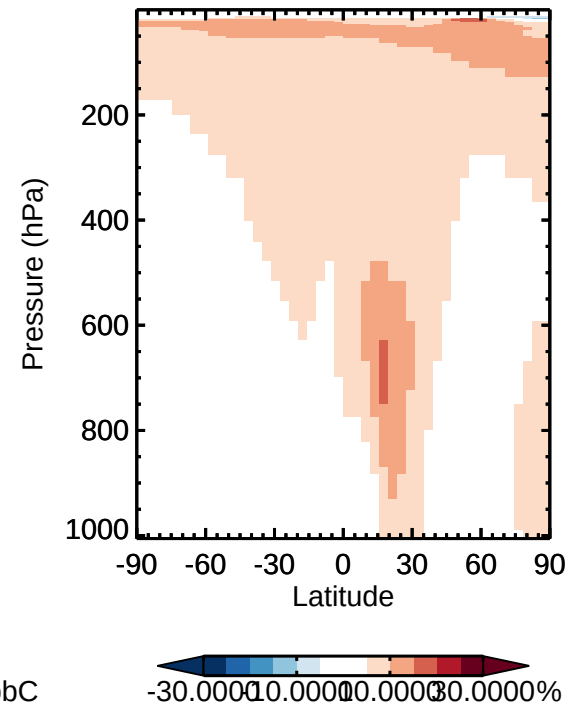
v11-01k-Run0 - v11-01f-geosfp-Run0

ACET - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

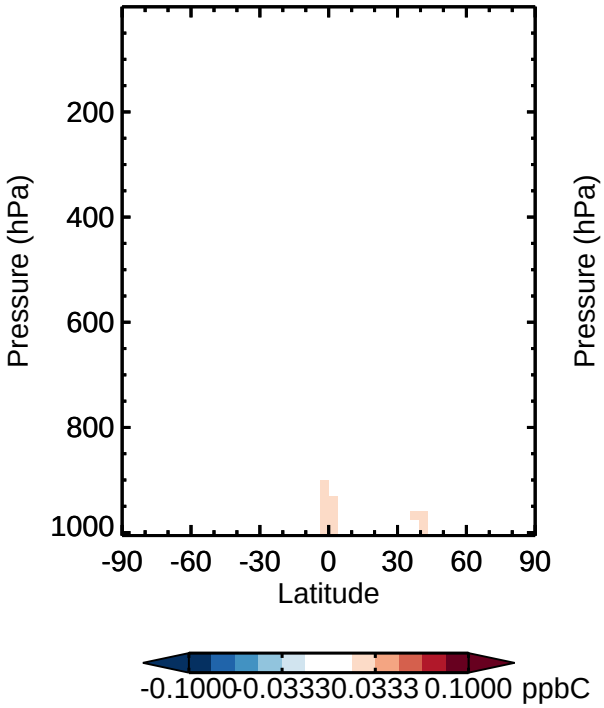
ACET - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

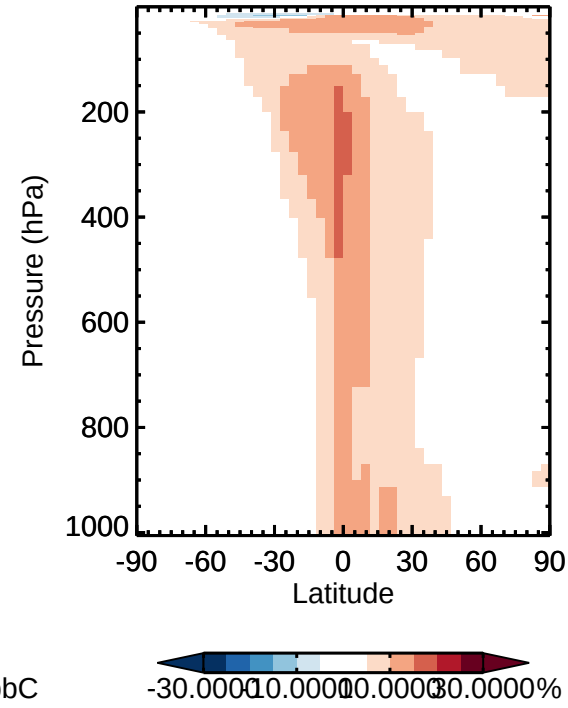
v11-01k-Run0 - v11-01g-Run0

MEK - Zonal mean abs diff for Jul



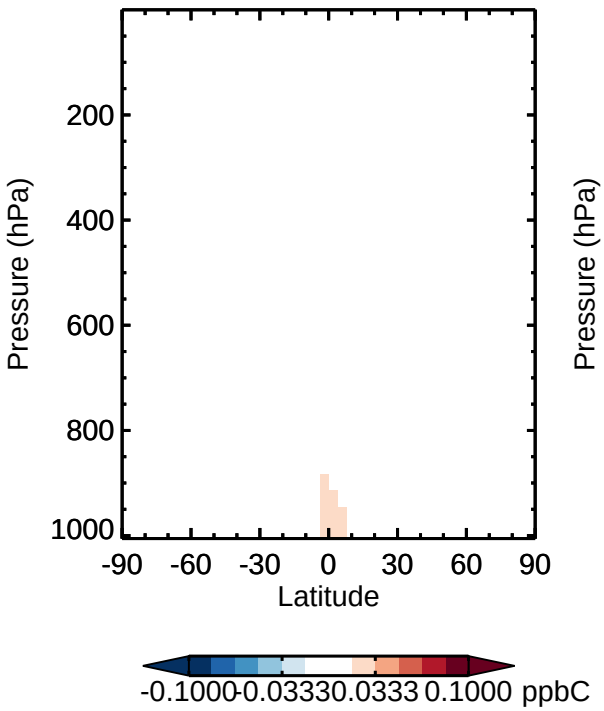
v11-01k-Run0 / v11-01g-Run0

MEK - Zonal mean % diff for Jul



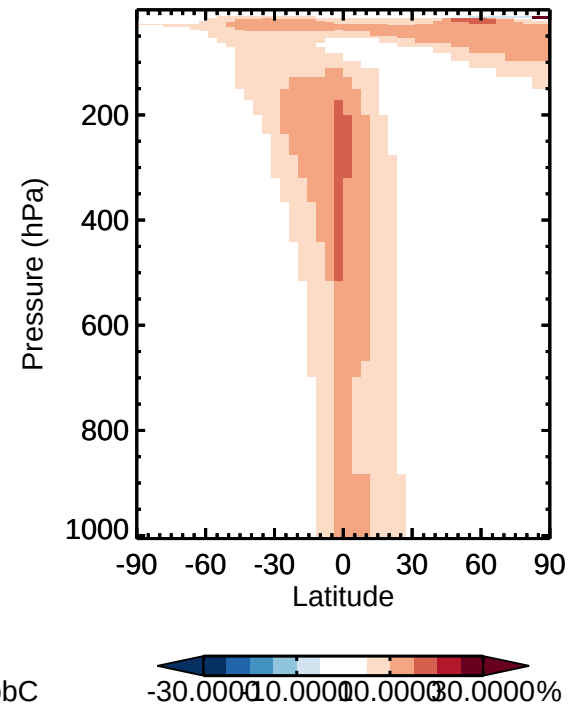
v11-01k-Run0 - v11-01f-geosfp-Run0

MEK - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

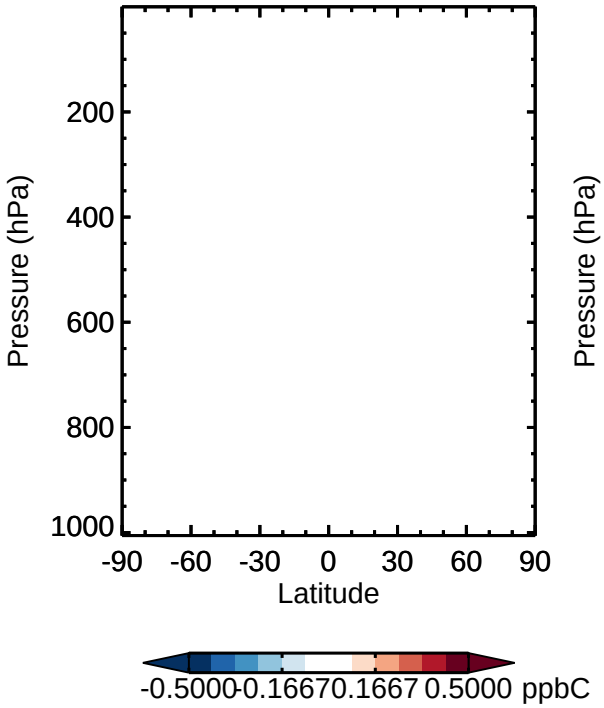
MEK - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

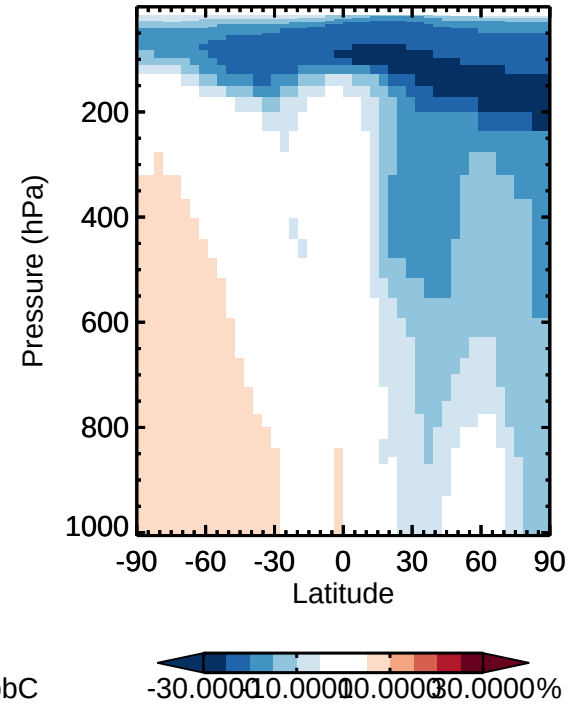
v11-01k-Run0 - v11-01g-Run0

ALD2 - Zonal mean abs diff for Jul



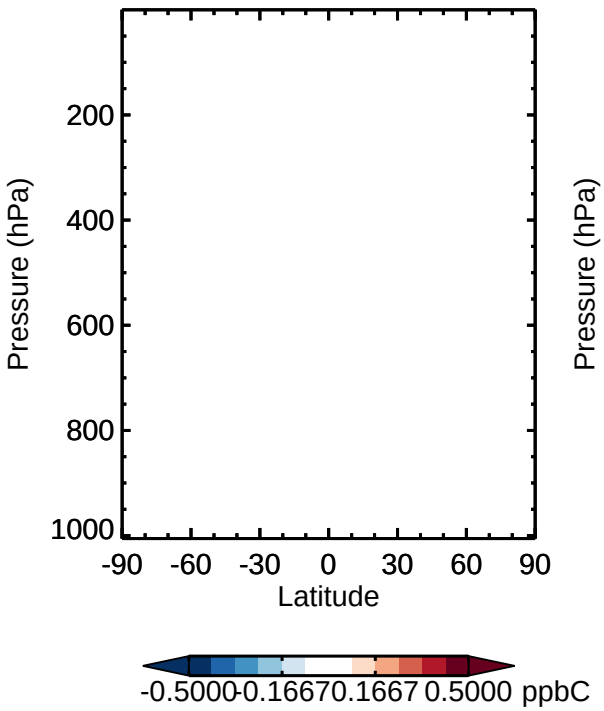
v11-01k-Run0 / v11-01g-Run0

ALD2 - Zonal mean % diff for Jul



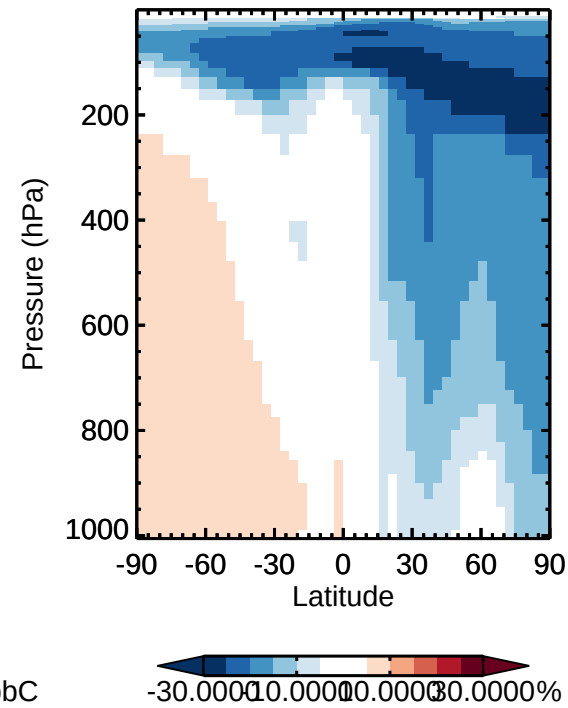
v11-01k-Run0 - v11-01f-geosfp-Run0

ALD2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

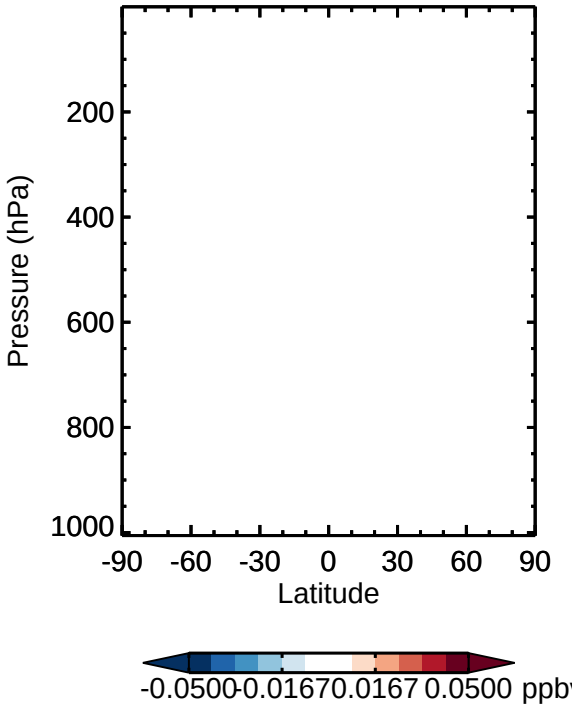
ALD2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

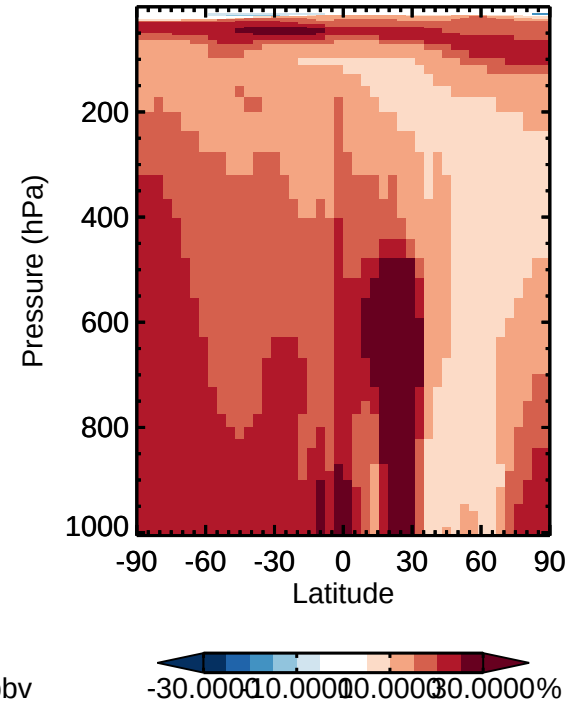
v11-01k-Run0 - v11-01g-Run0

RCHO - Zonal mean abs diff for Jul



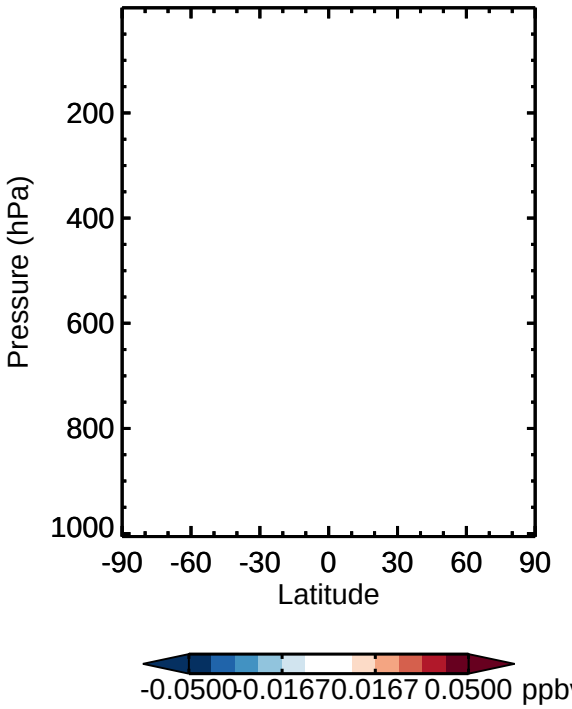
v11-01k-Run0 / v11-01g-Run0

RCHO - Zonal mean % diff for Jul



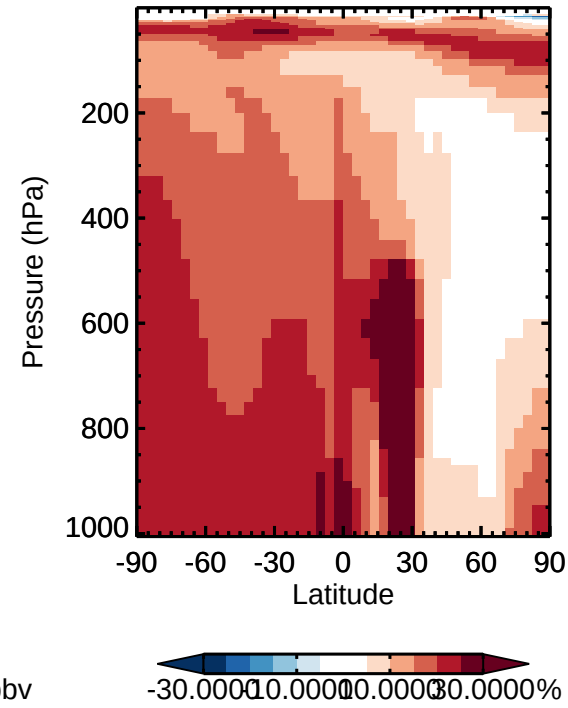
v11-01k-Run0 - v11-01f-geosfp-Run0

RCHO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

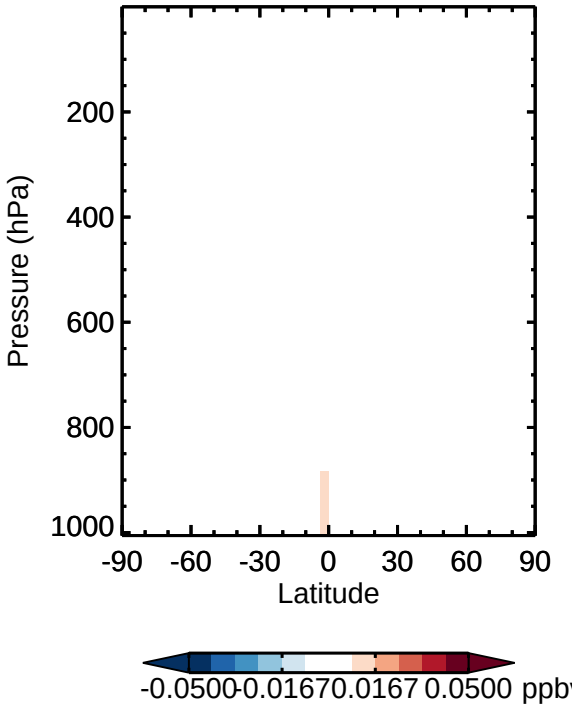
RCHO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

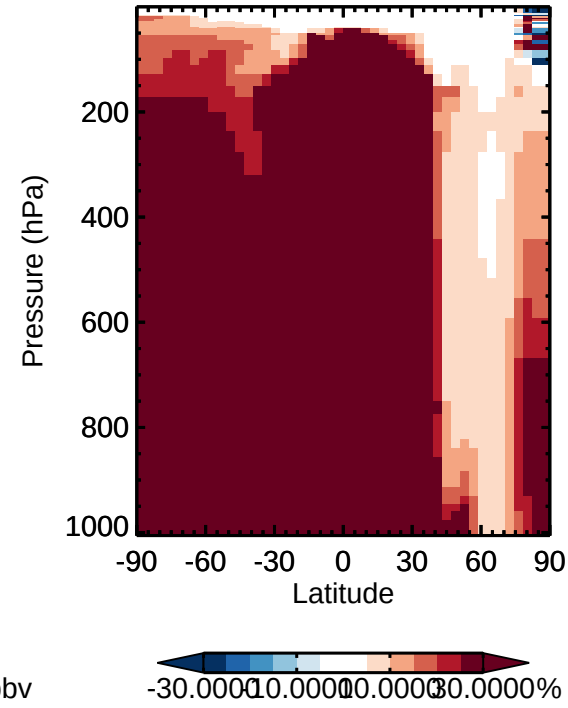
v11-01k-Run0 - v11-01g-Run0

MVK - Zonal mean abs diff for Jul



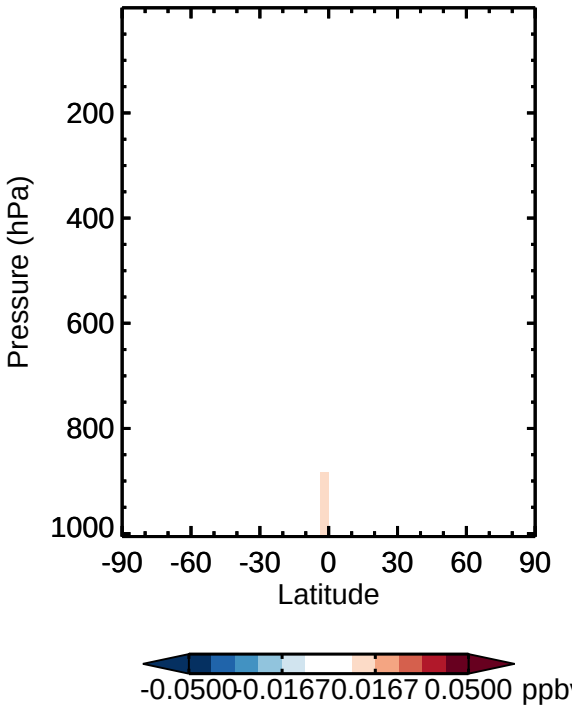
v11-01k-Run0 / v11-01g-Run0

MVK - Zonal mean % diff for Jul



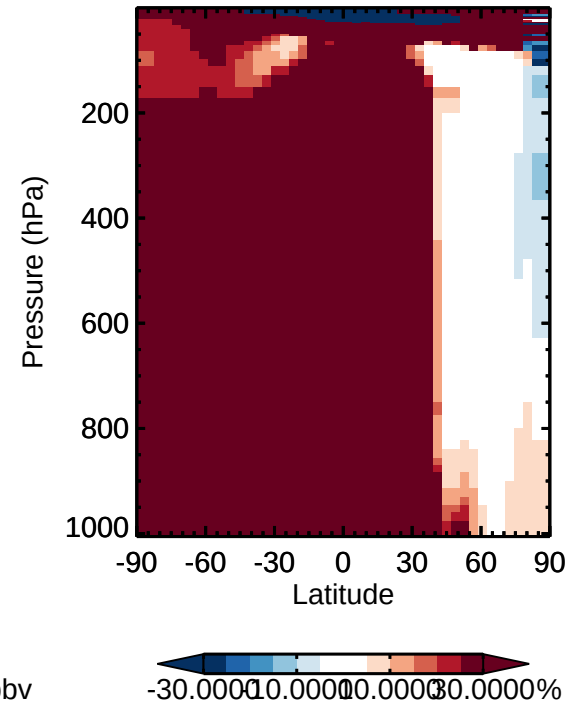
v11-01k-Run0 - v11-01f-geosfp-Run0

MVK - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

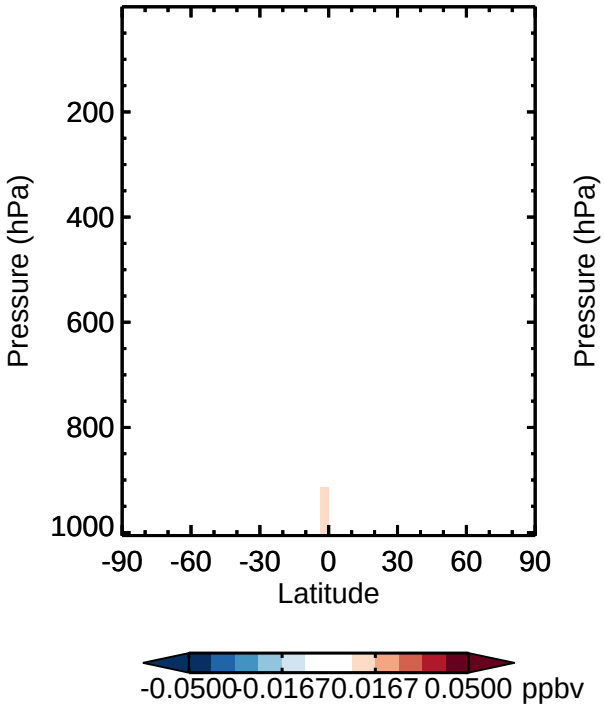
MVK - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

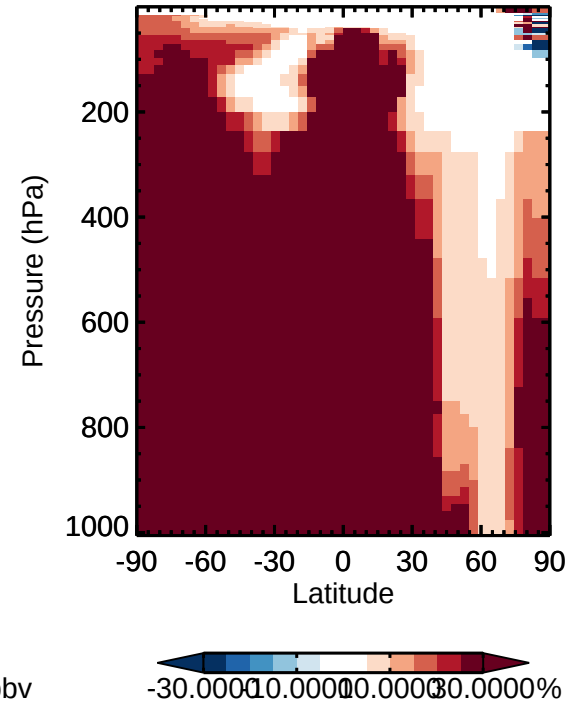
v11-01k-Run0 - v11-01g-Run0

MACR - Zonal mean abs diff for Jul



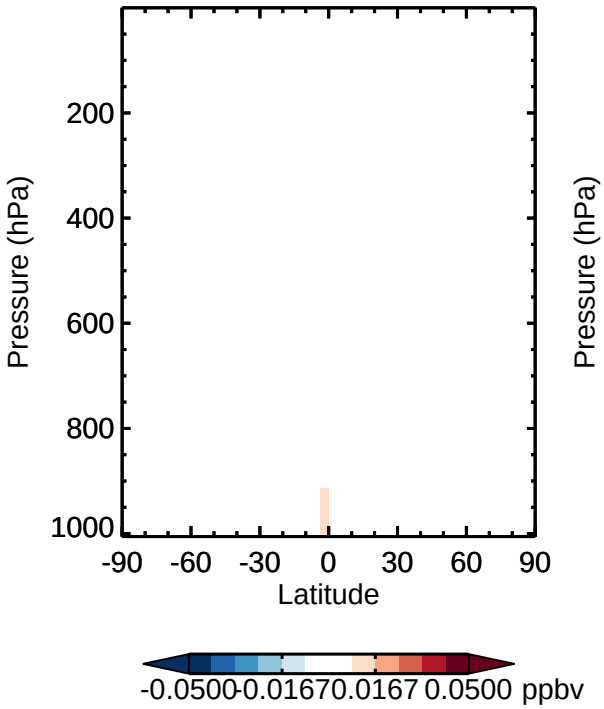
v11-01k-Run0 / v11-01g-Run0

MACR - Zonal mean % diff for Jul



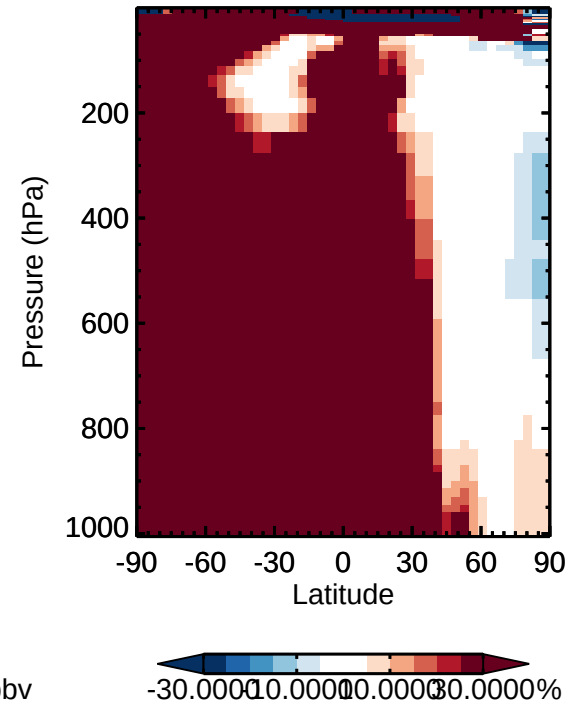
v11-01k-Run0 - v11-01f-geosfp-Run0

MACR - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

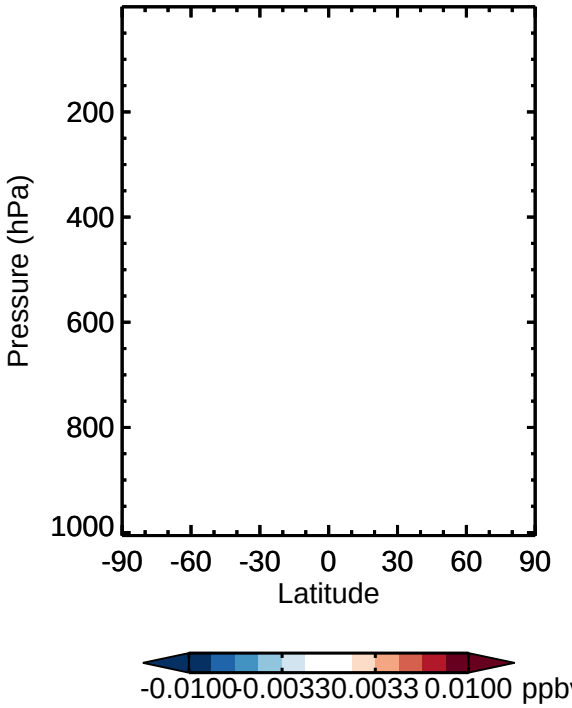
MACR - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

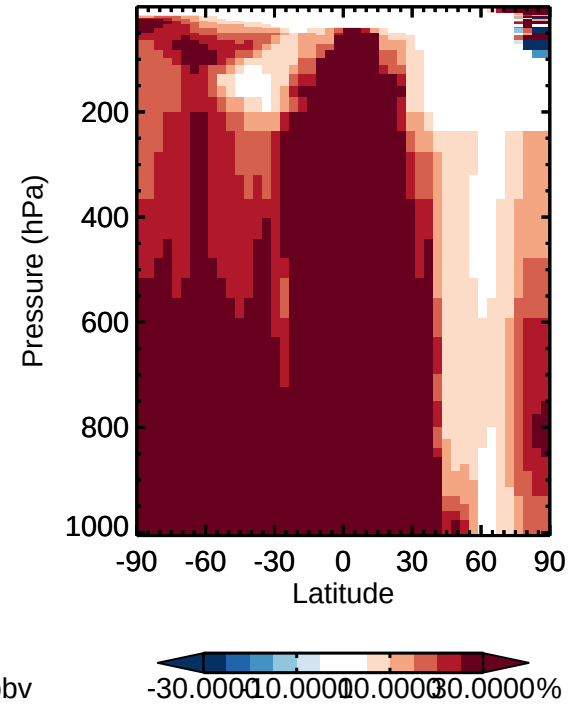
v11-01k-Run0 - v11-01g-Run0

PMN - Zonal mean abs diff for Jul



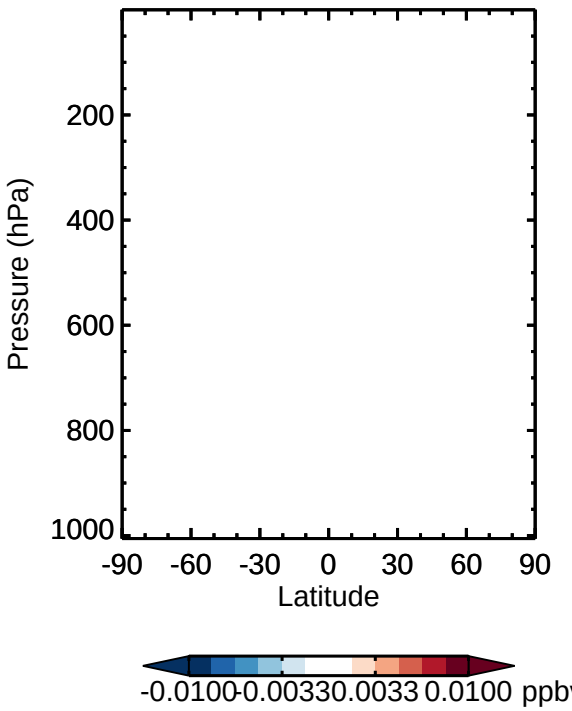
v11-01k-Run0 / v11-01g-Run0

PMN - Zonal mean % diff for Jul



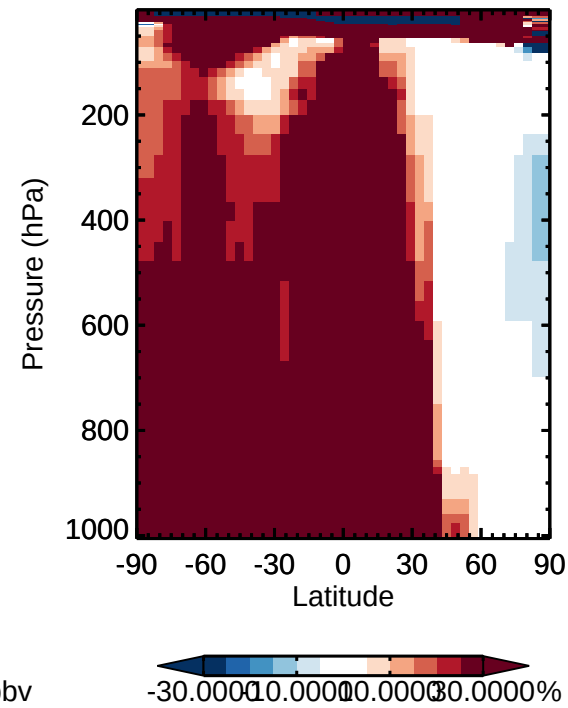
v11-01k-Run0 - v11-01f-geosfp-Run0

PMN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

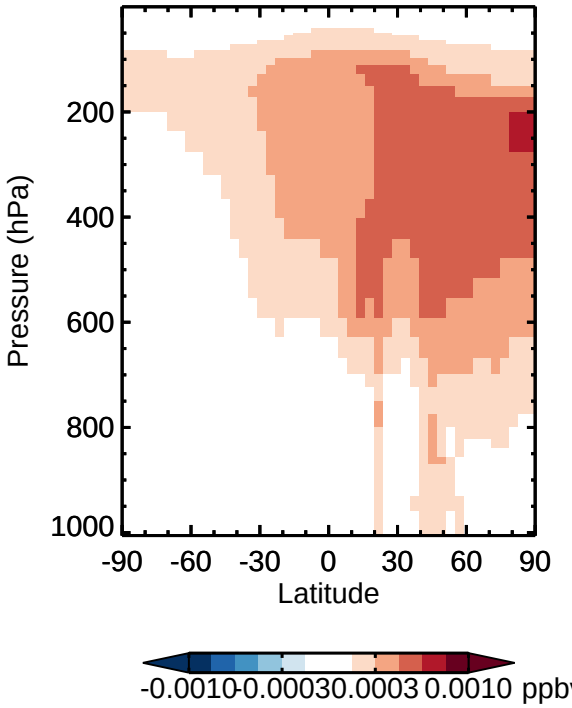
PMN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

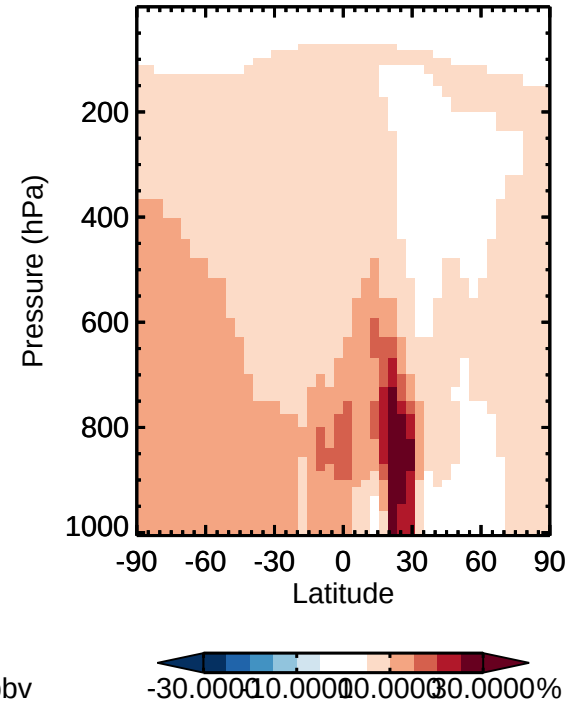
v11-01k-Run0 - v11-01g-Run0

PPN - Zonal mean abs diff for Jul



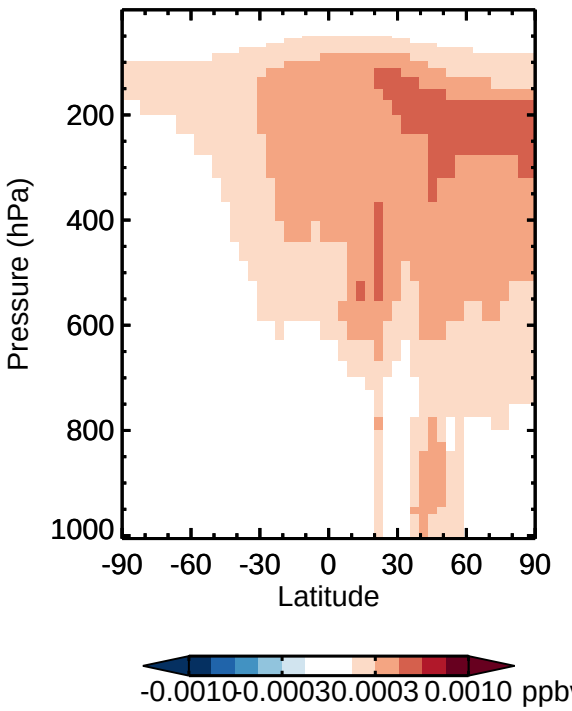
v11-01k-Run0 / v11-01g-Run0

PPN - Zonal mean % diff for Jul



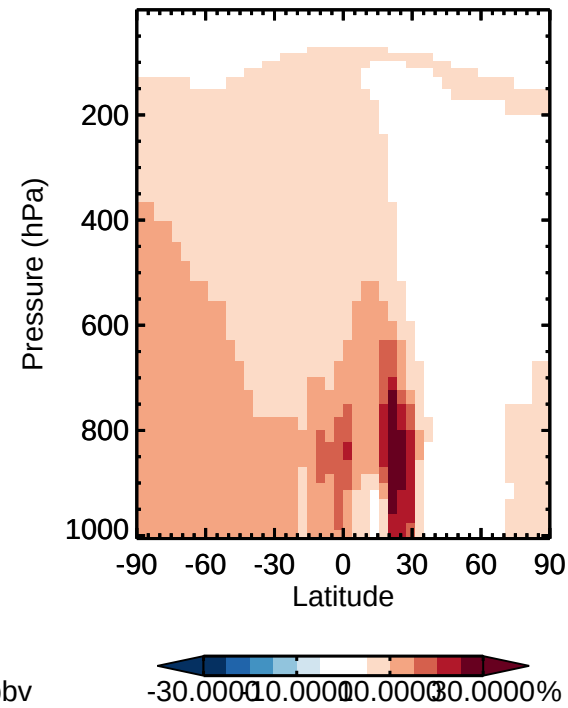
v11-01k-Run0 - v11-01f-geosfp-Run0

PPN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

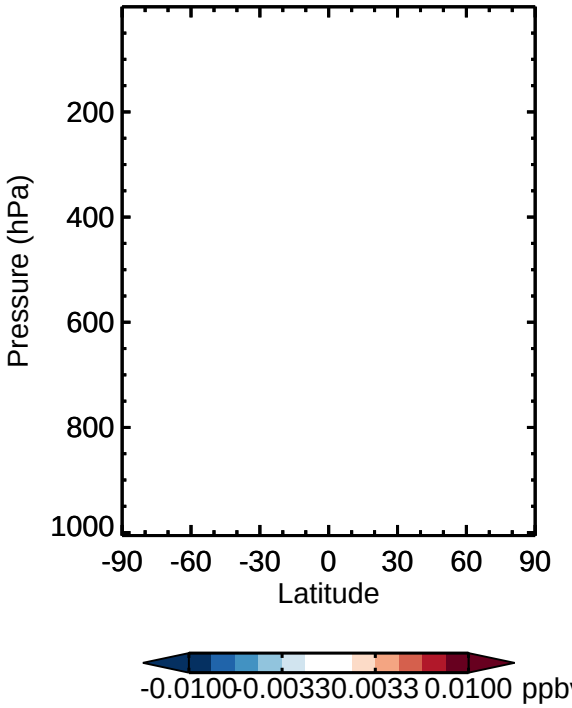
PPN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

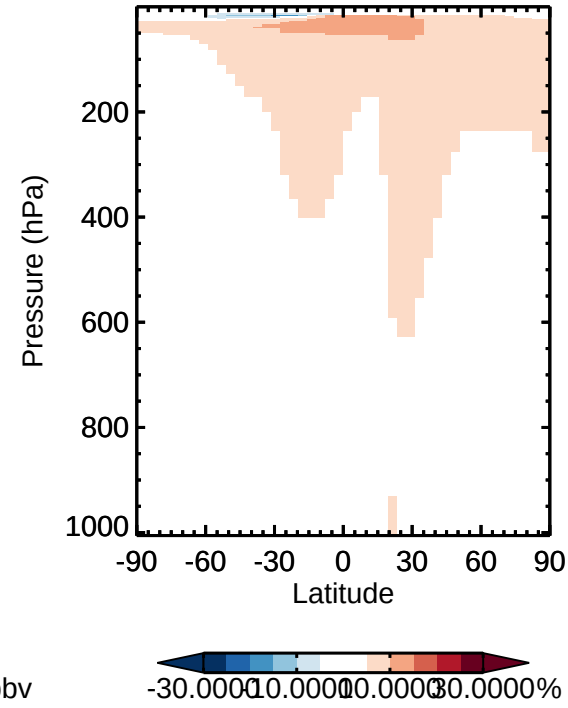
v11-01k-Run0 - v11-01g-Run0

R4N2 - Zonal mean abs diff for Jul



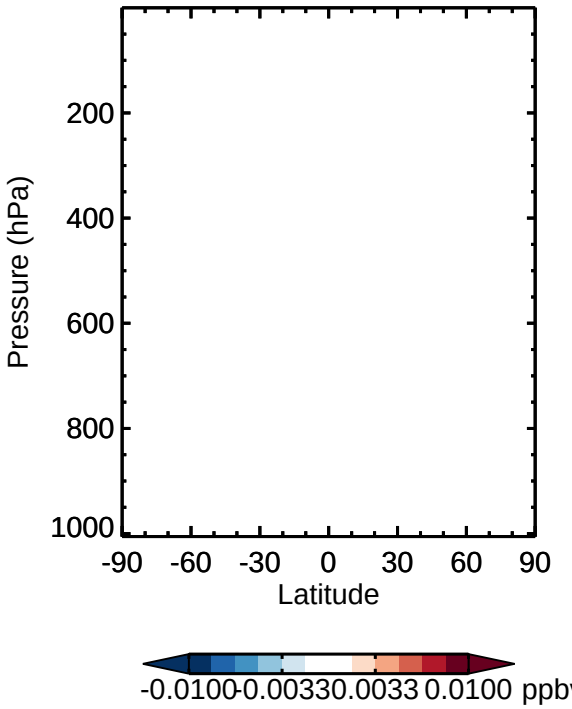
v11-01k-Run0 / v11-01g-Run0

R4N2 - Zonal mean % diff for Jul



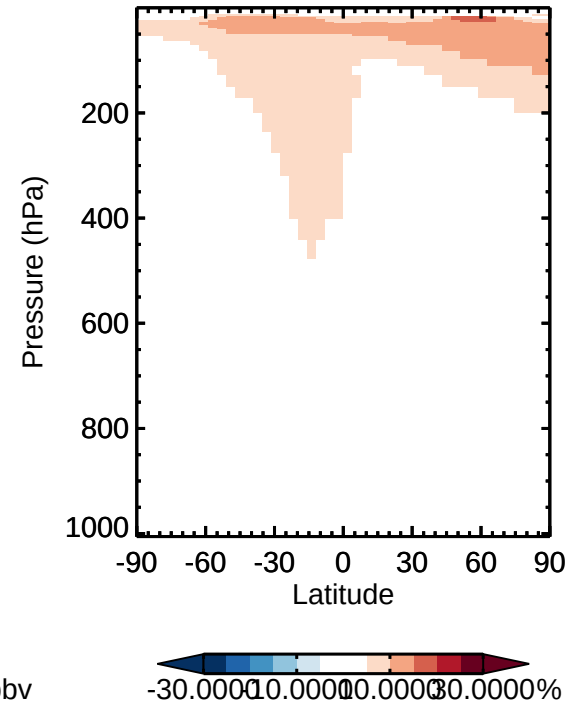
v11-01k-Run0 - v11-01f-geosfp-Run0

R4N2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

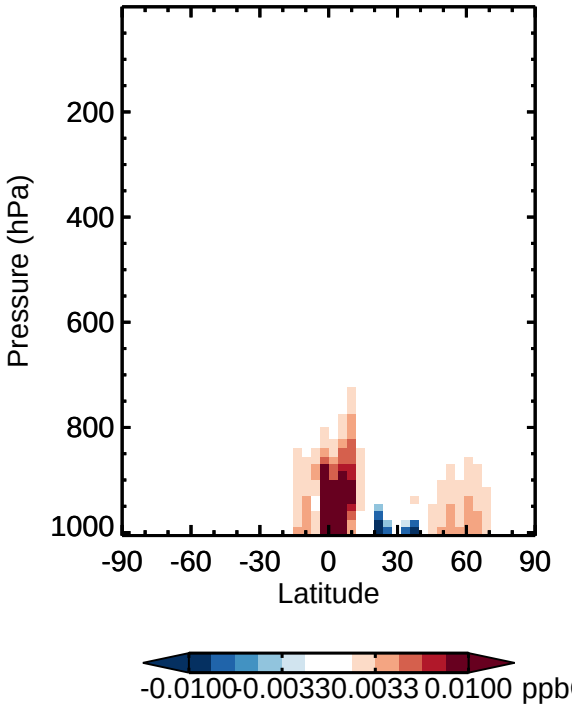
R4N2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

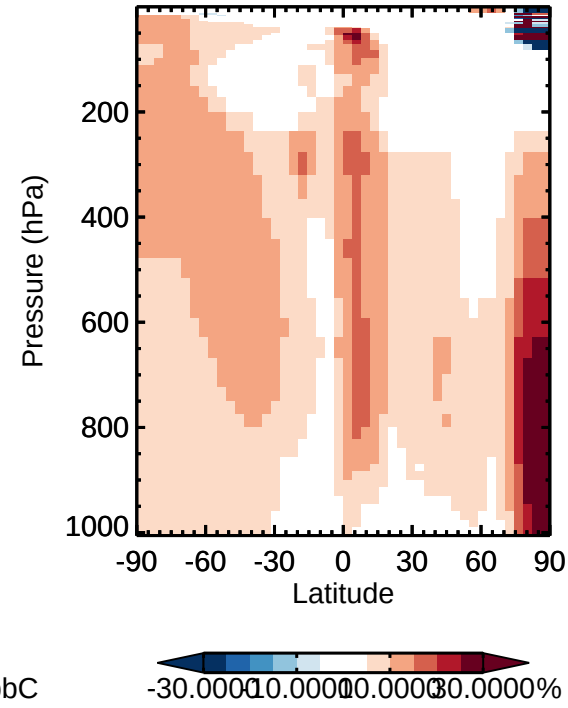
v11-01k-Run0 - v11-01g-Run0

PRPE - Zonal mean abs diff for Jul



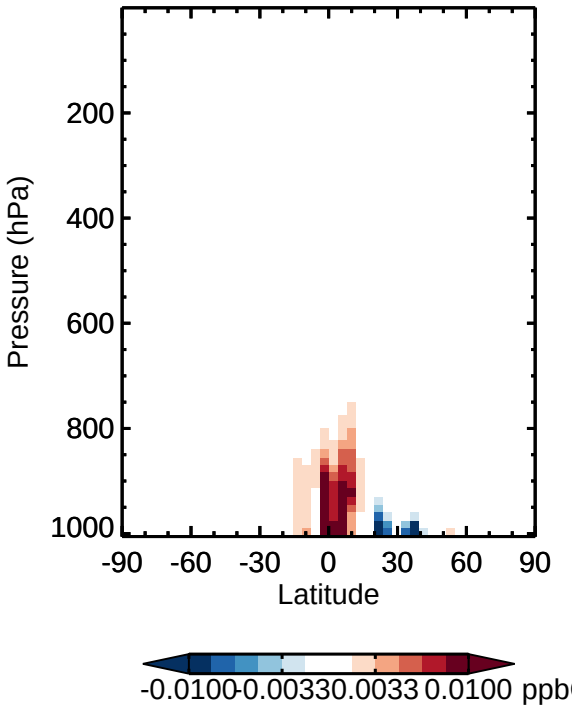
v11-01k-Run0 / v11-01g-Run0

PRPE - Zonal mean % diff for Jul



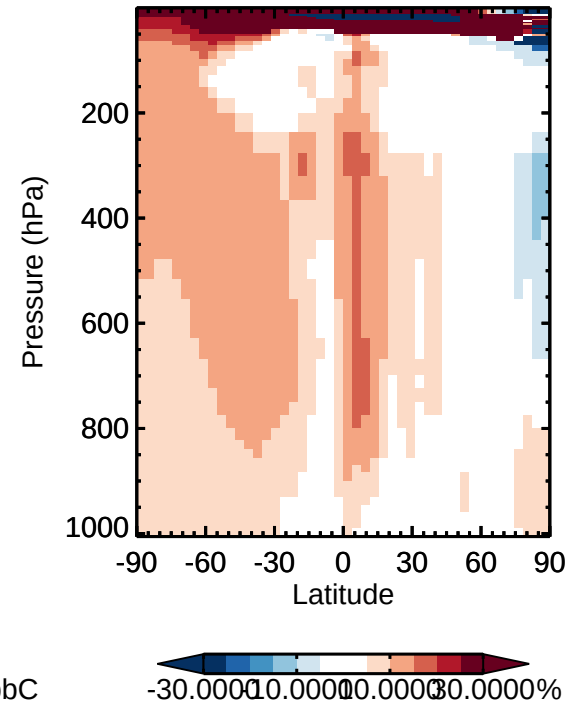
v11-01k-Run0 - v11-01f-geosfp-Run0

PRPE - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

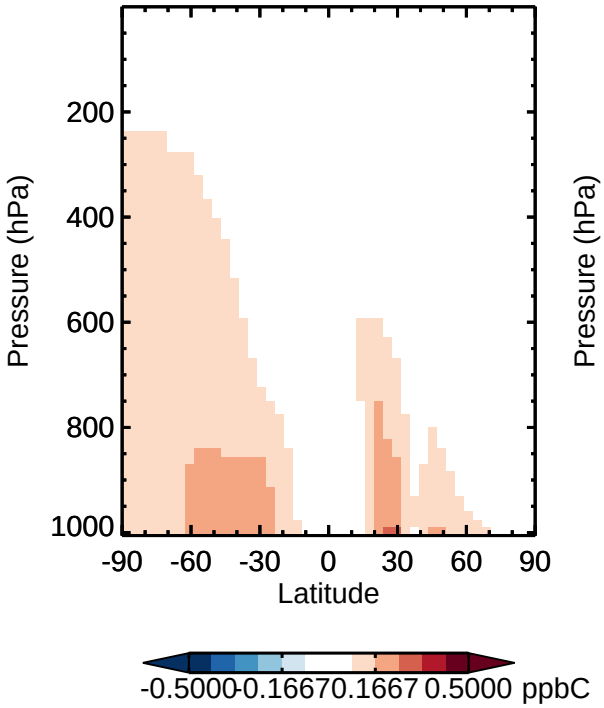
PRPE - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

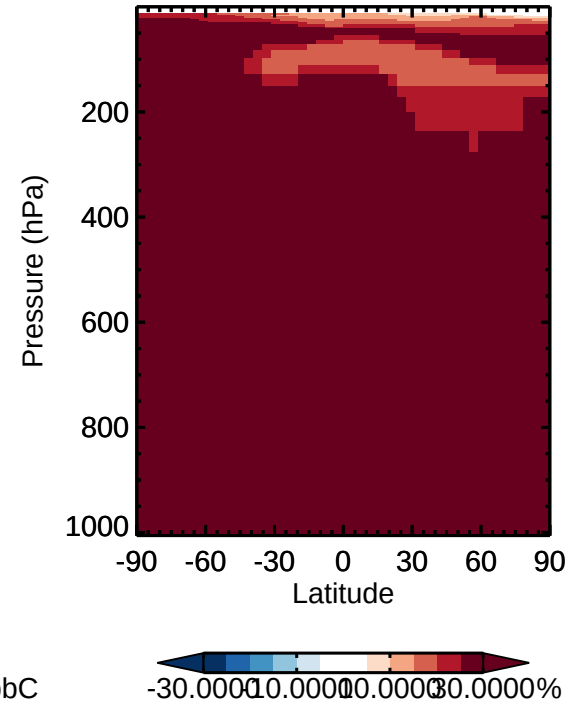
v11-01k-Run0 - v11-01g-Run0

C3H8 - Zonal mean abs diff for Jul



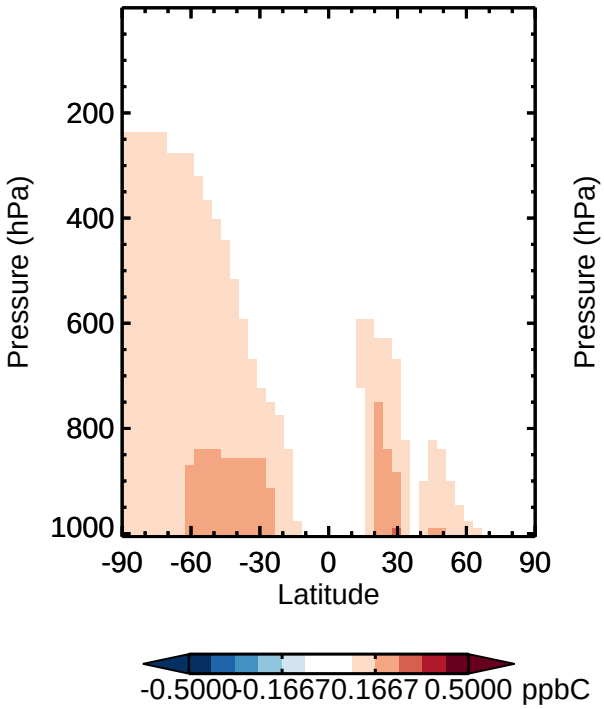
v11-01k-Run0 / v11-01g-Run0

C3H8 - Zonal mean % diff for Jul



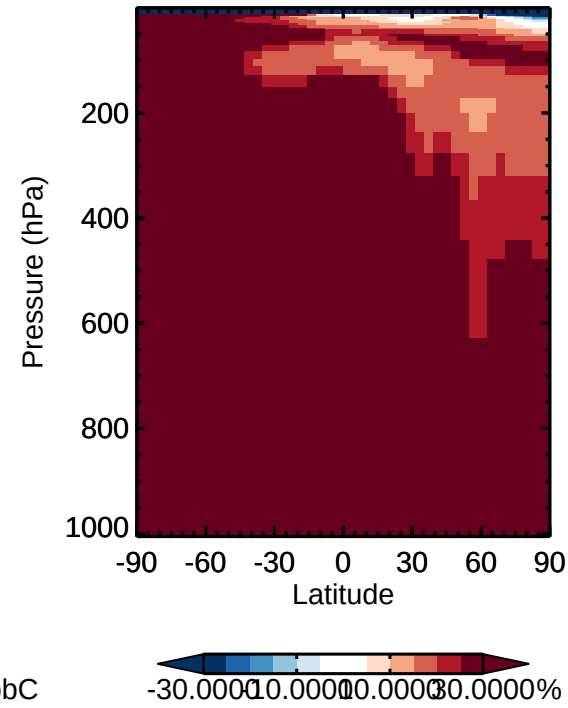
v11-01k-Run0 - v11-01f-geosfp-Run0

C3H8 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

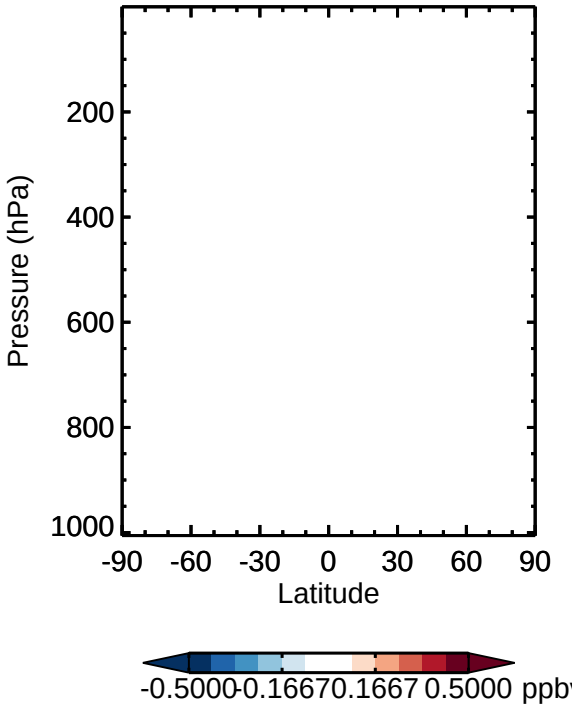
C3H8 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

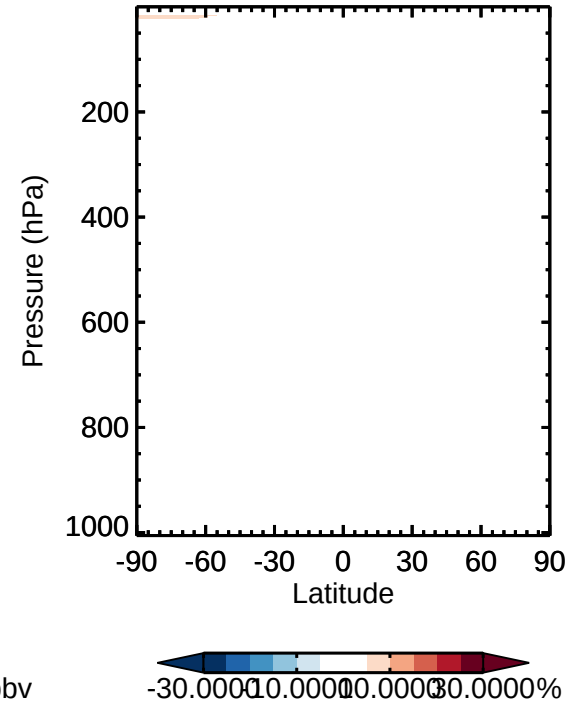
v11-01k-Run0 - v11-01g-Run0

CH2O - Zonal mean abs diff for Jul



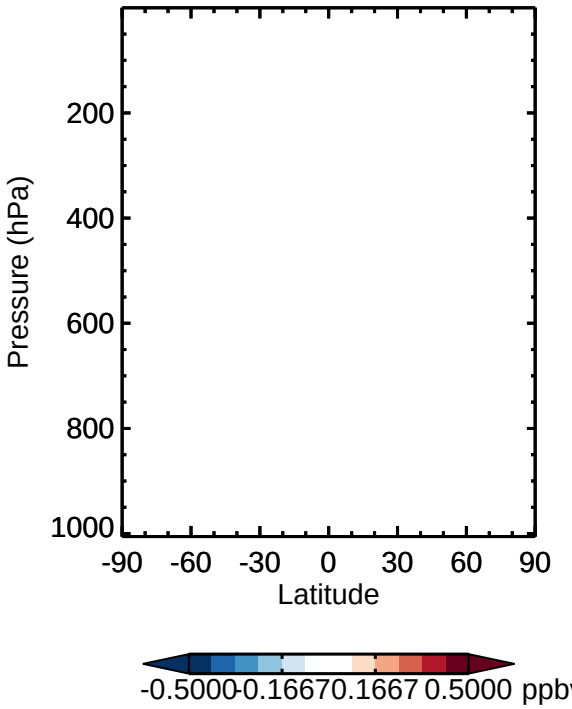
v11-01k-Run0 / v11-01g-Run0

CH2O - Zonal mean % diff for Jul



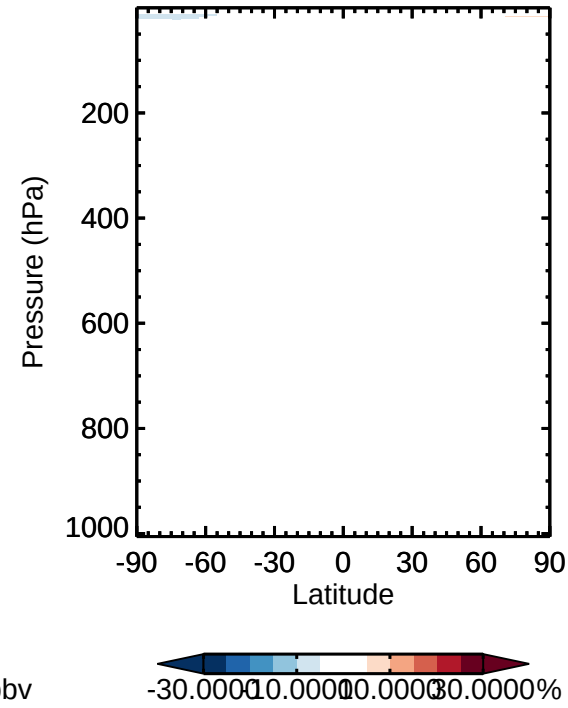
v11-01k-Run0 - v11-01f-geosfp-Run0

CH2O - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

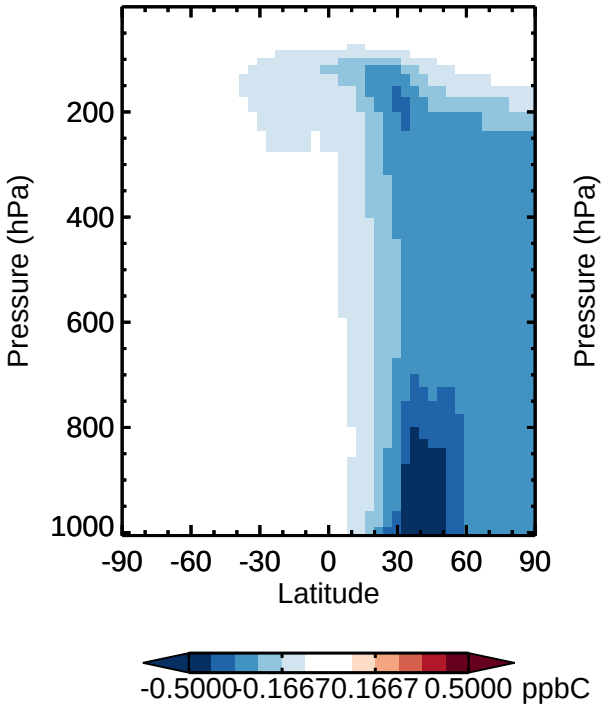
CH2O - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

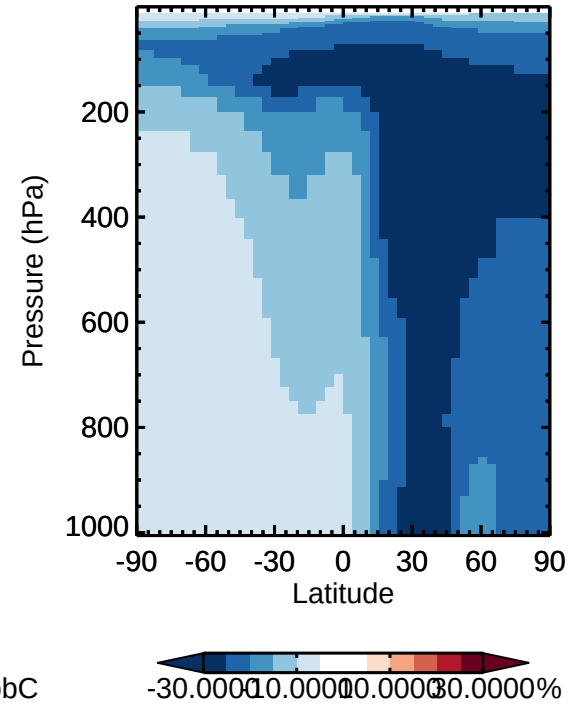
v11-01k-Run0 - v11-01g-Run0

C2H6 - Zonal mean abs diff for Jul



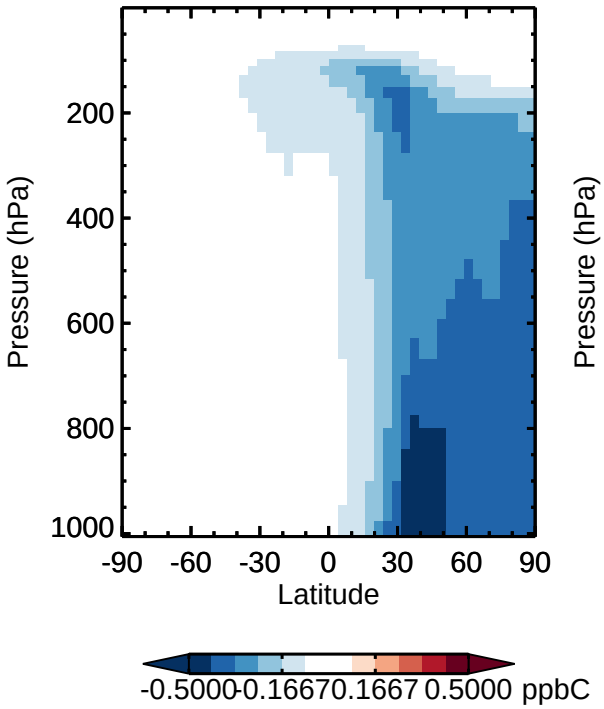
v11-01k-Run0 / v11-01g-Run0

C2H6 - Zonal mean % diff for Jul



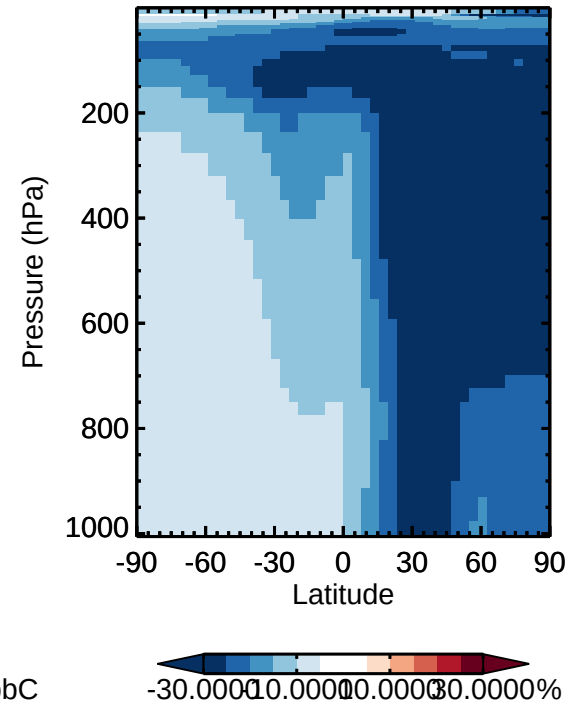
v11-01k-Run0 - v11-01f-geosfp-Run0

C2H6 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

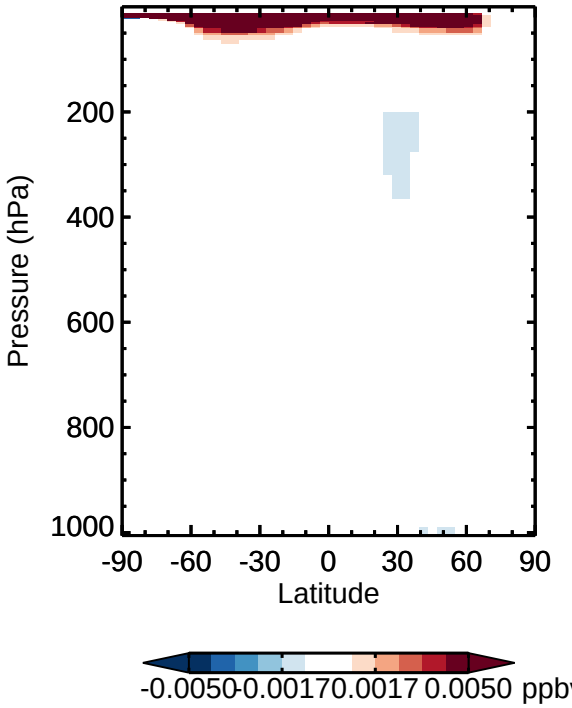
C2H6 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

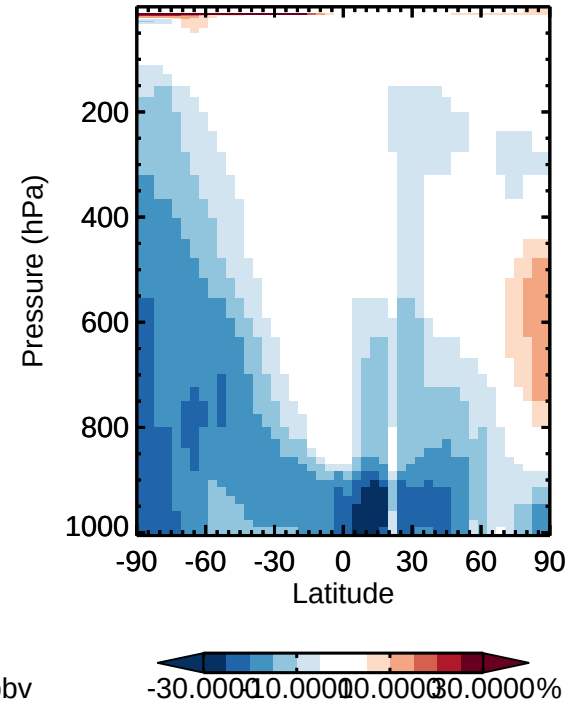
v11-01k-Run0 - v11-01g-Run0

N2O5 - Zonal mean abs diff for Jul



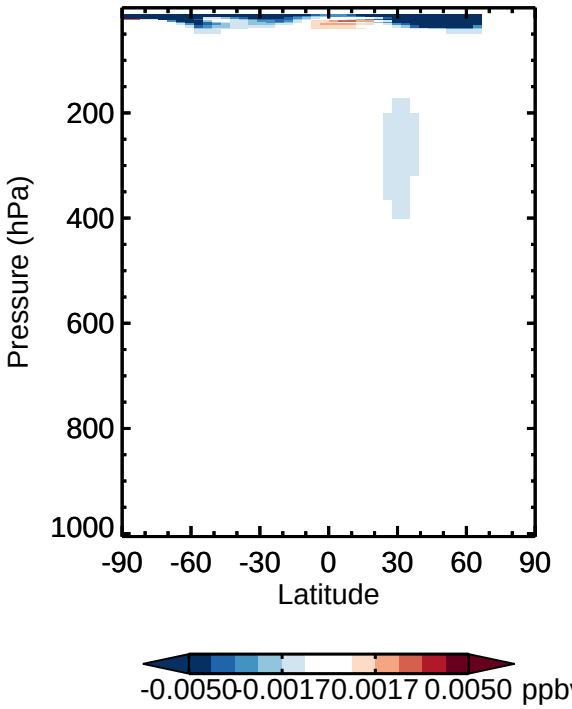
v11-01k-Run0 / v11-01g-Run0

N2O5 - Zonal mean % diff for Jul



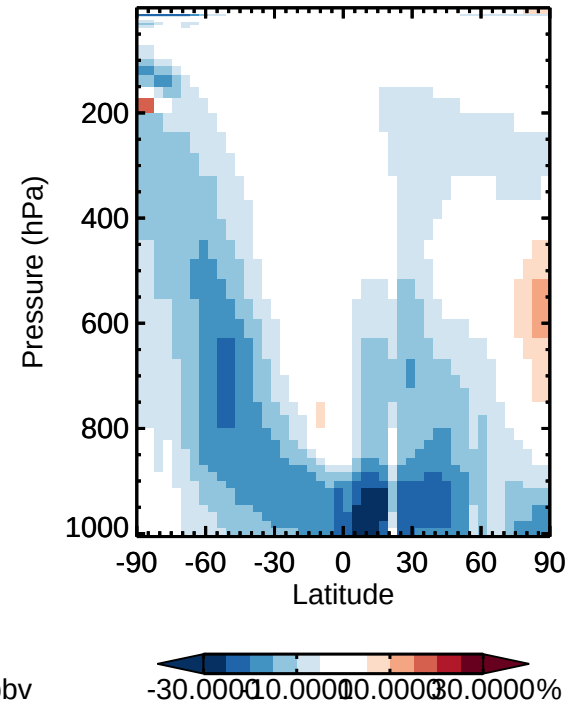
v11-01k-Run0 - v11-01f-geosfp-Run0

N2O5 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

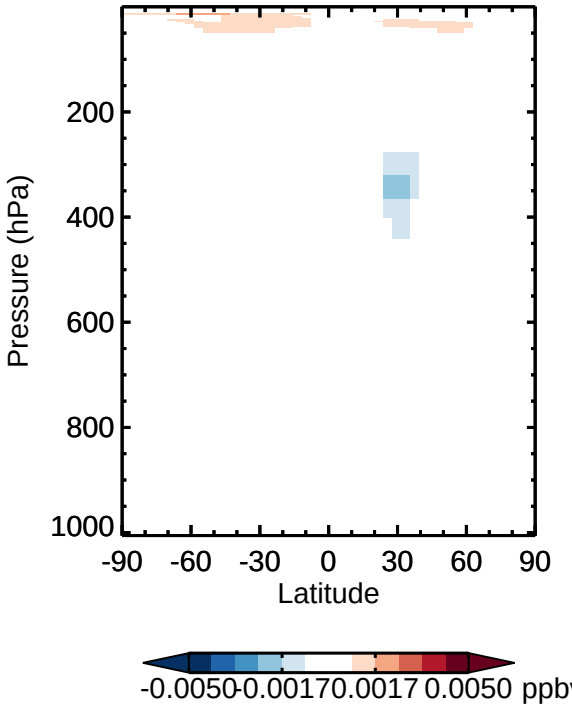
N2O5 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

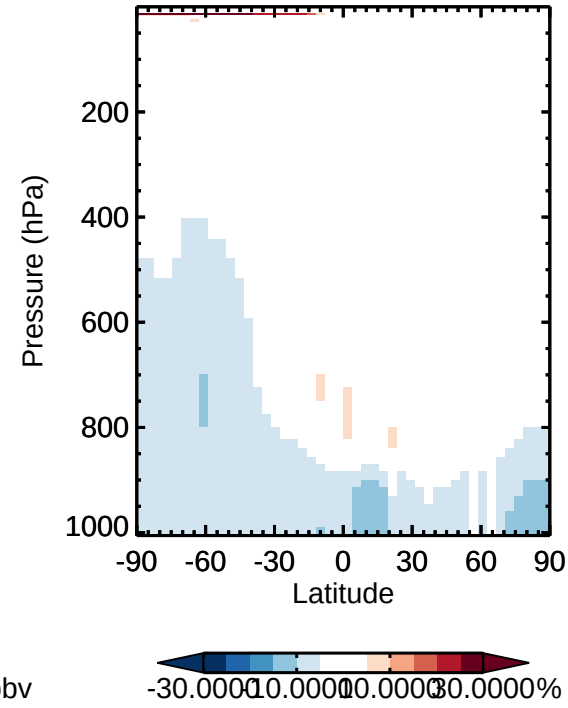
v11-01k-Run0 - v11-01g-Run0

HNO4 - Zonal mean abs diff for Jul



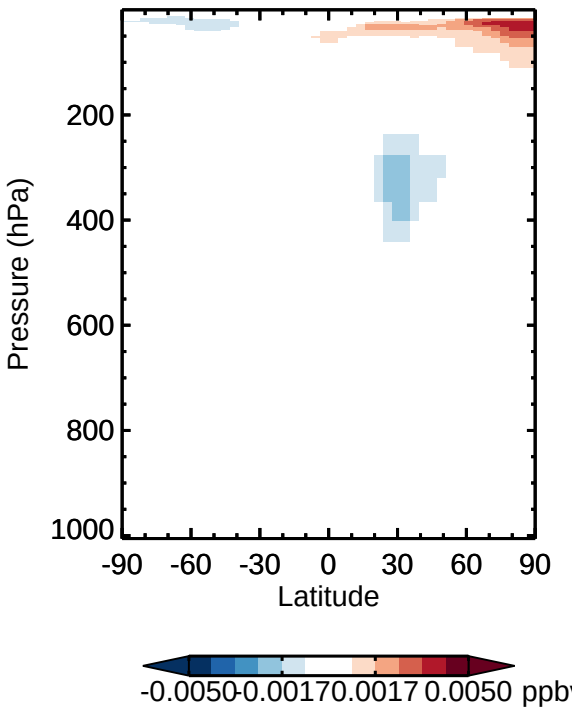
v11-01k-Run0 / v11-01g-Run0

HNO4 - Zonal mean % diff for Jul



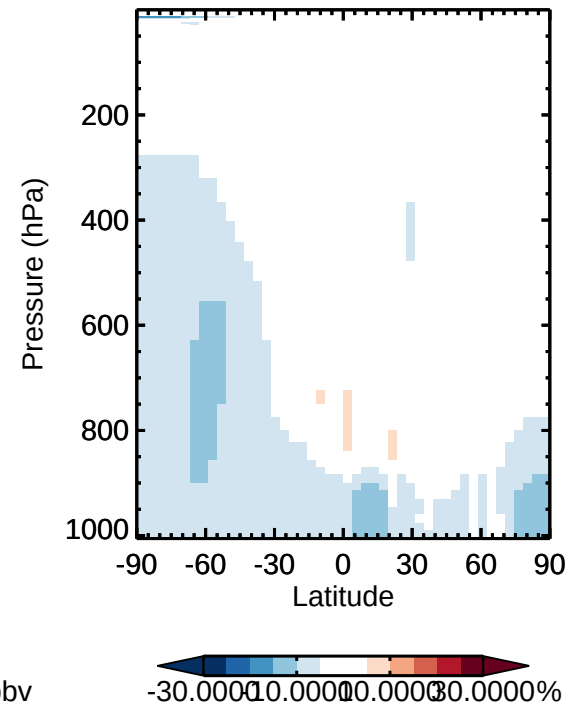
v11-01k-Run0 - v11-01f-geosfp-Run0

HNO4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

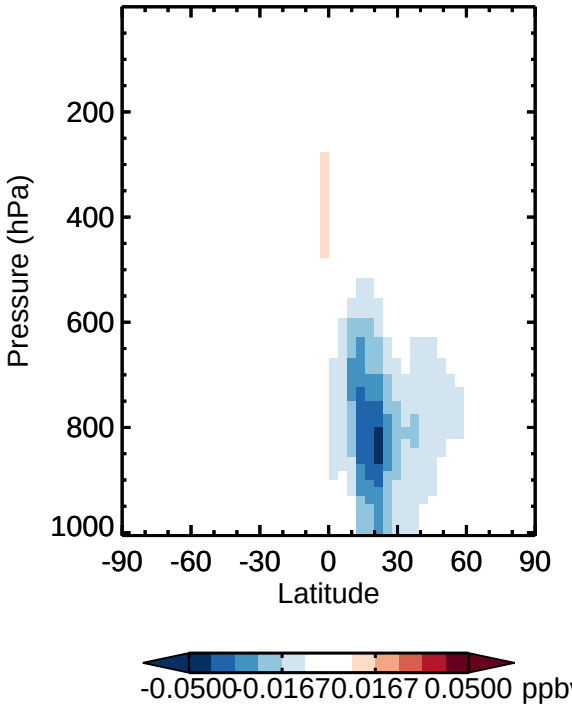
HNO4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

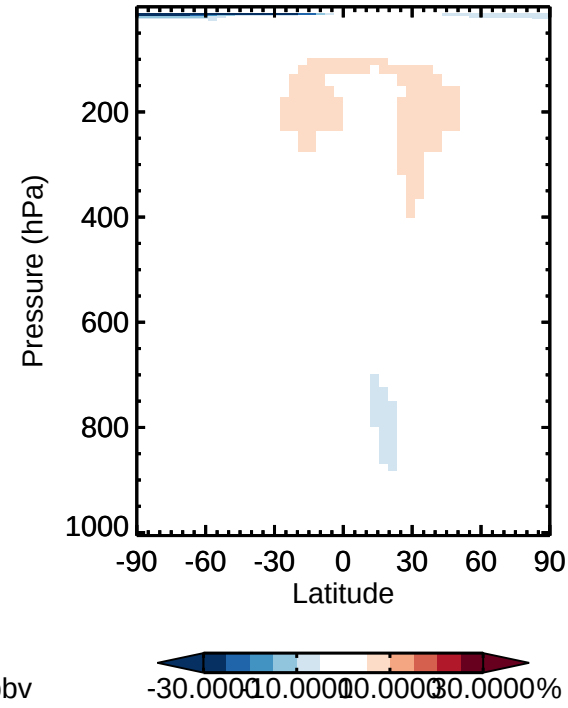
v11-01k-Run0 - v11-01g-Run0

MP - Zonal mean abs diff for Jul



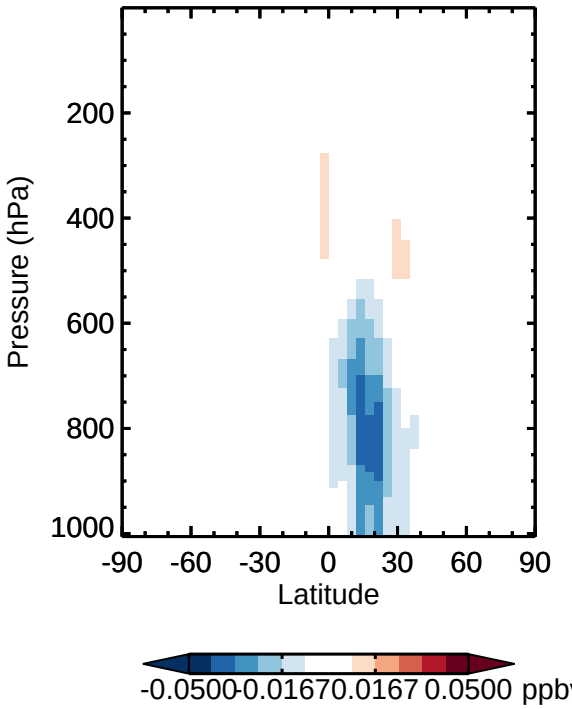
v11-01k-Run0 / v11-01g-Run0

MP - Zonal mean % diff for Jul



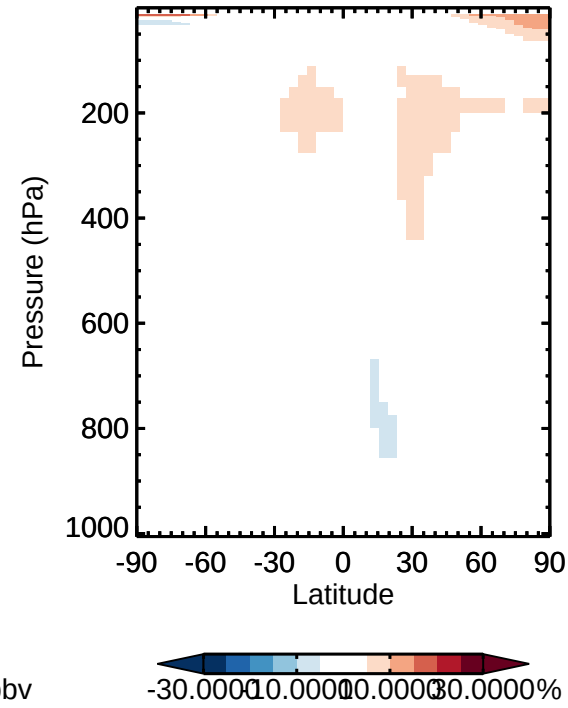
v11-01k-Run0 - v11-01f-geosfp-Run0

MP - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

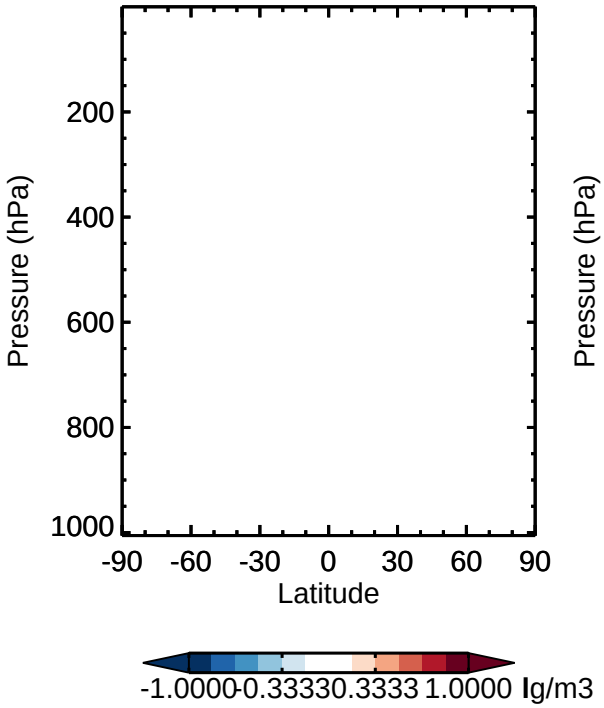
MP - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

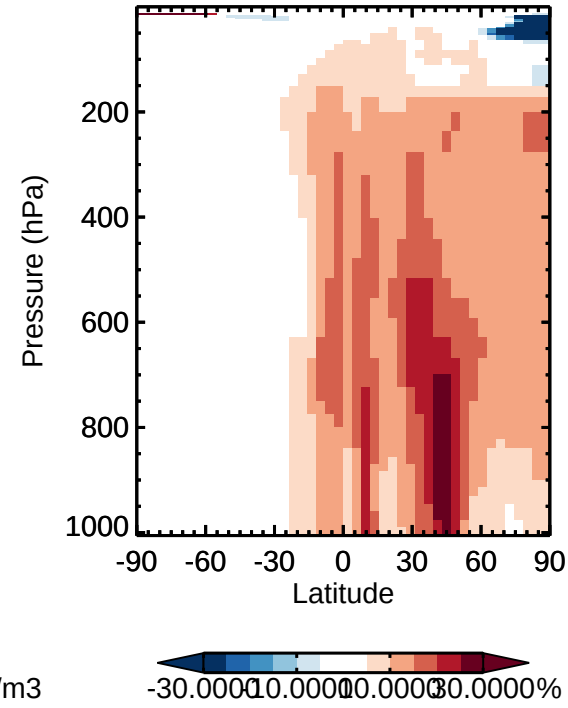
v11-01k-Run0 - v11-01g-Run0

DMS - Zonal mean abs diff for Jul



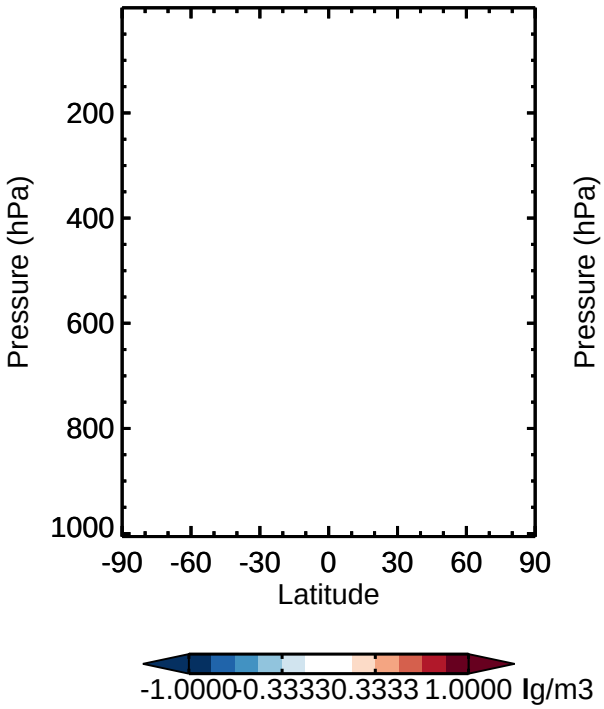
v11-01k-Run0 / v11-01g-Run0

DMS - Zonal mean % diff for Jul



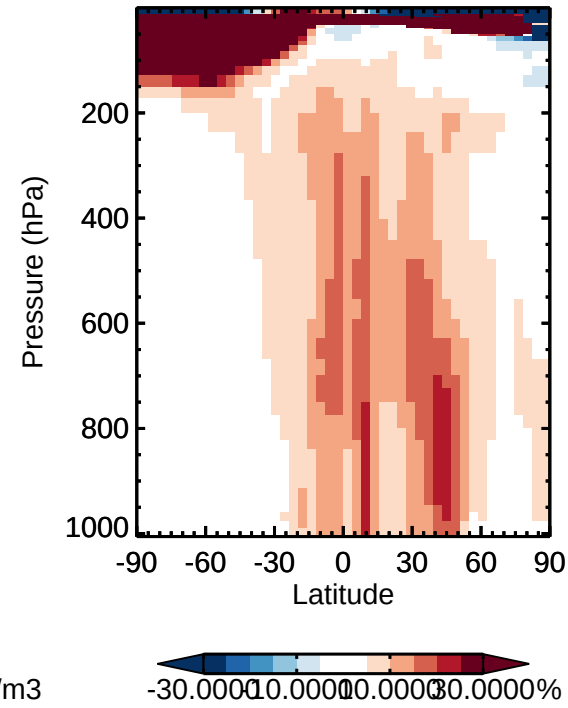
v11-01k-Run0 - v11-01f-geosfp-Run0

DMS - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

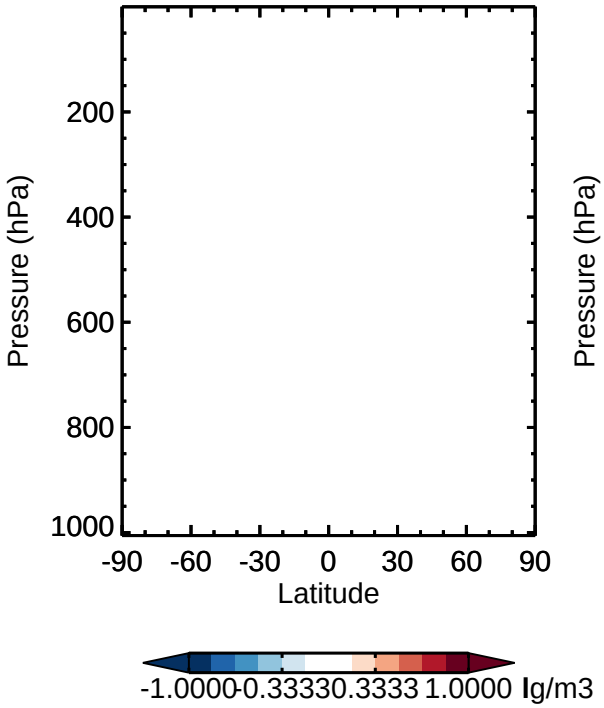
DMS - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

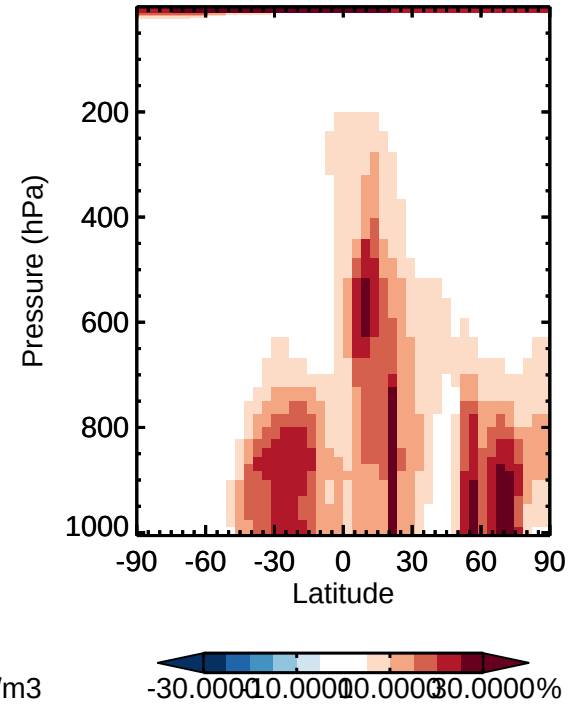
v11-01k-Run0 - v11-01g-Run0

SO2 - Zonal mean abs diff for Jul



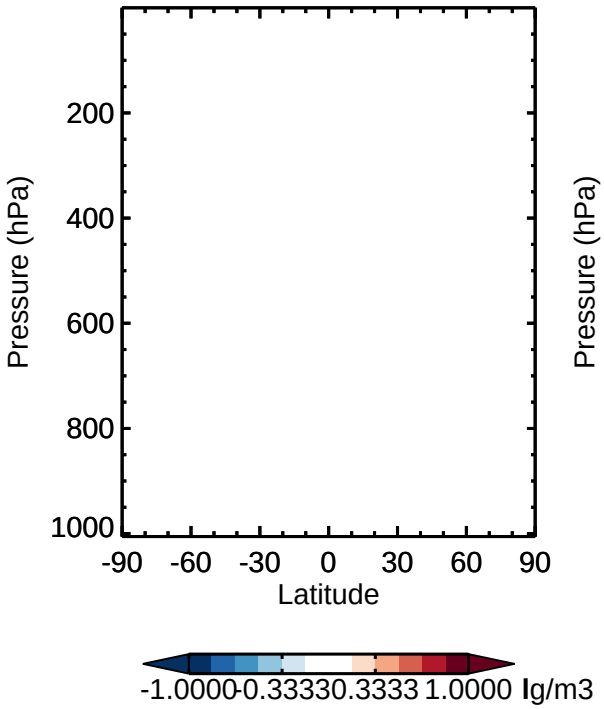
v11-01k-Run0 / v11-01g-Run0

SO2 - Zonal mean % diff for Jul



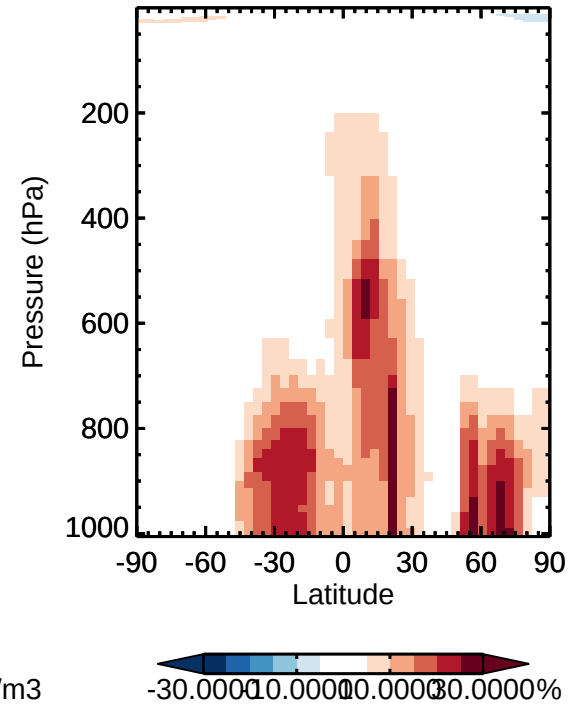
v11-01k-Run0 - v11-01f-geosfp-Run0

SO2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

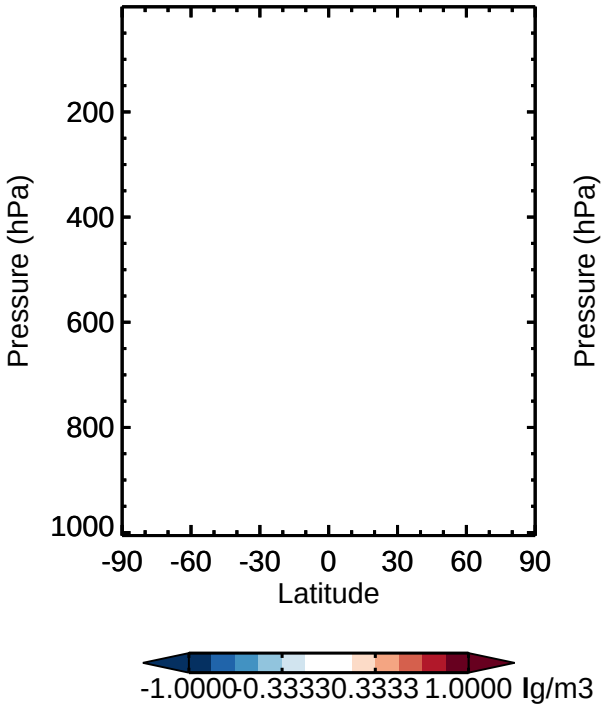
SO2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

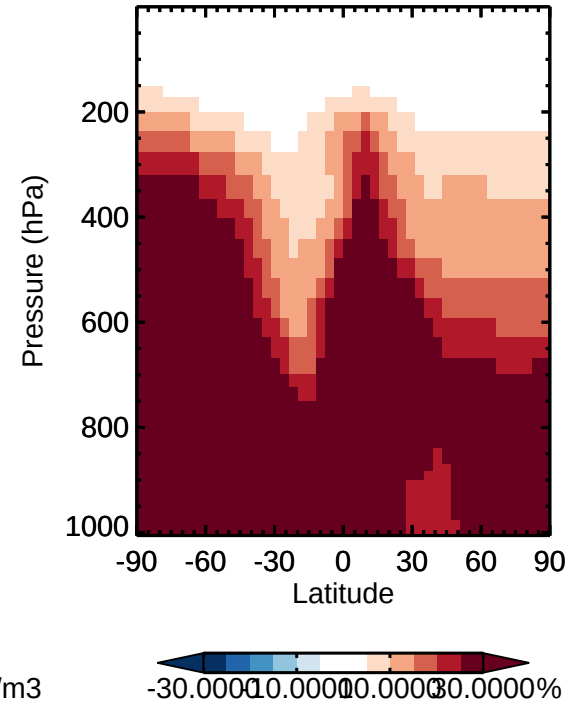
v11-01k-Run0 - v11-01g-Run0

SO4 - Zonal mean abs diff for Jul



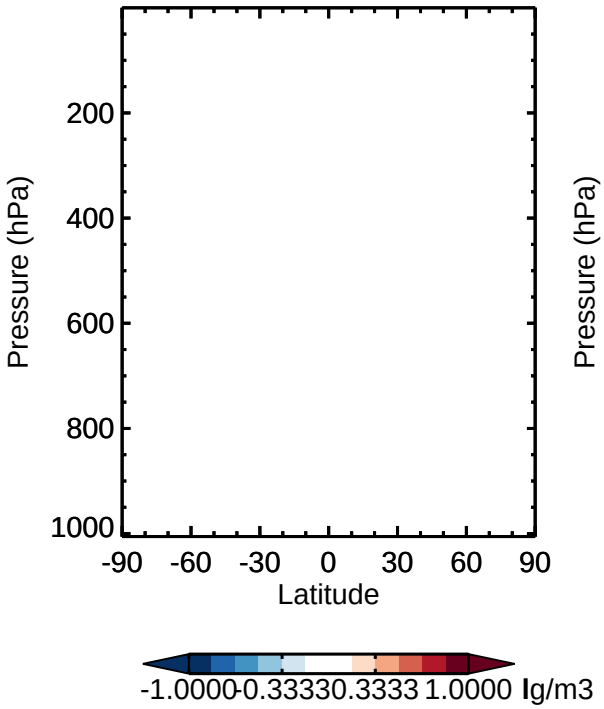
v11-01k-Run0 / v11-01g-Run0

SO4 - Zonal mean % diff for Jul



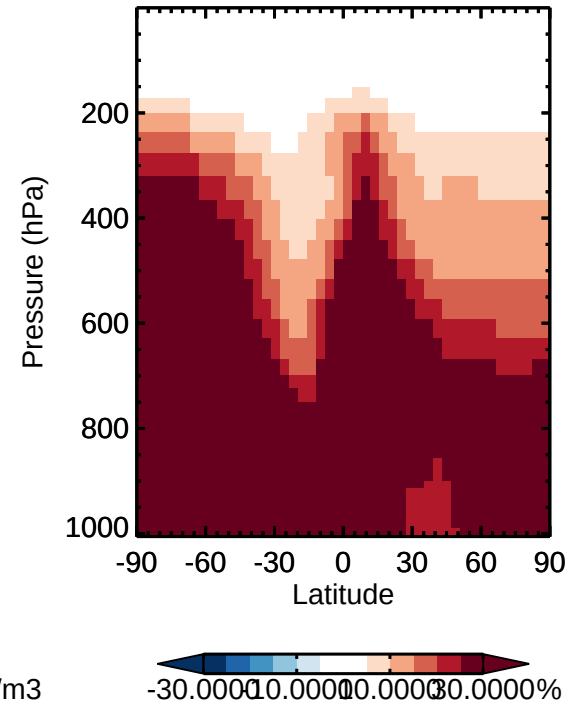
v11-01k-Run0 - v11-01f-geosfp-Run0

SO4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

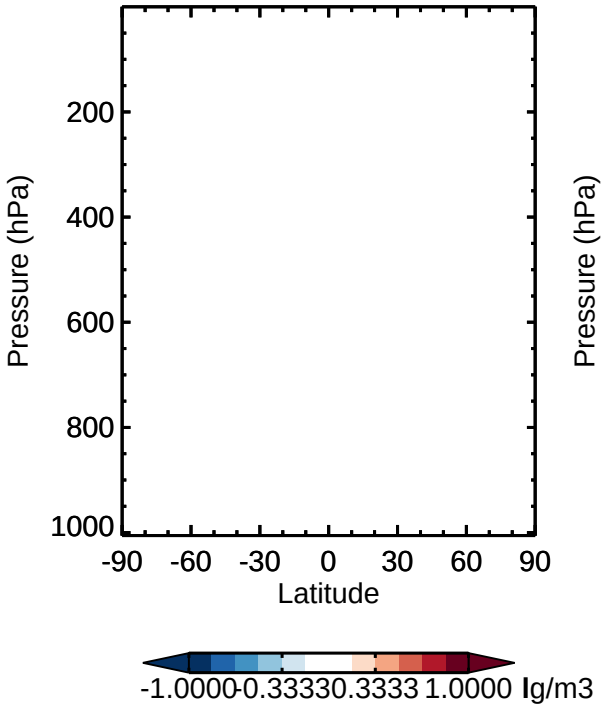
SO4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

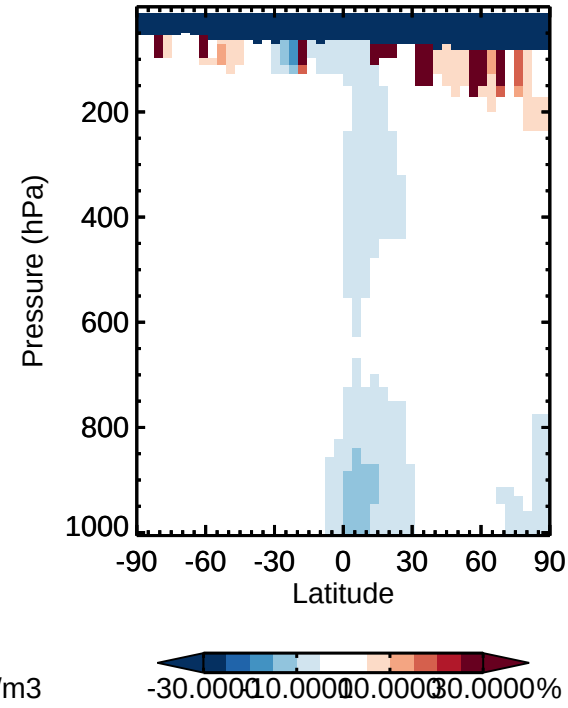
v11-01k-Run0 - v11-01g-Run0

SO4s - Zonal mean abs diff for Jul



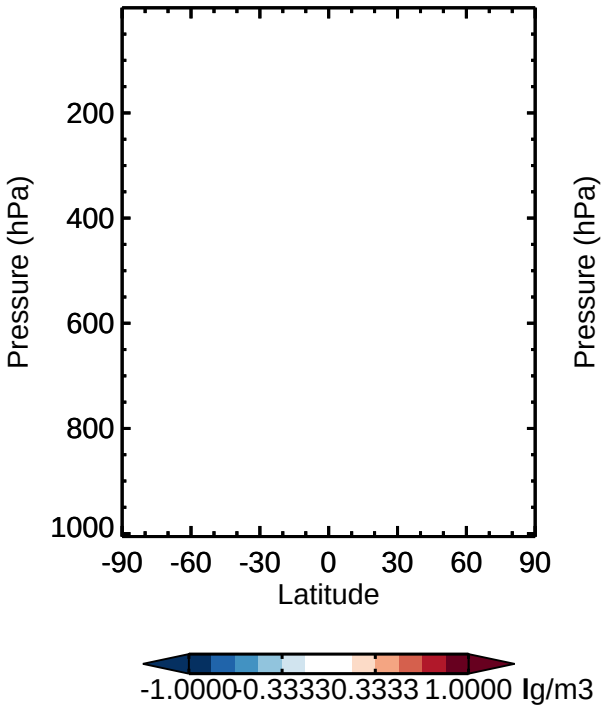
v11-01k-Run0 / v11-01g-Run0

SO4s - Zonal mean % diff for Jul



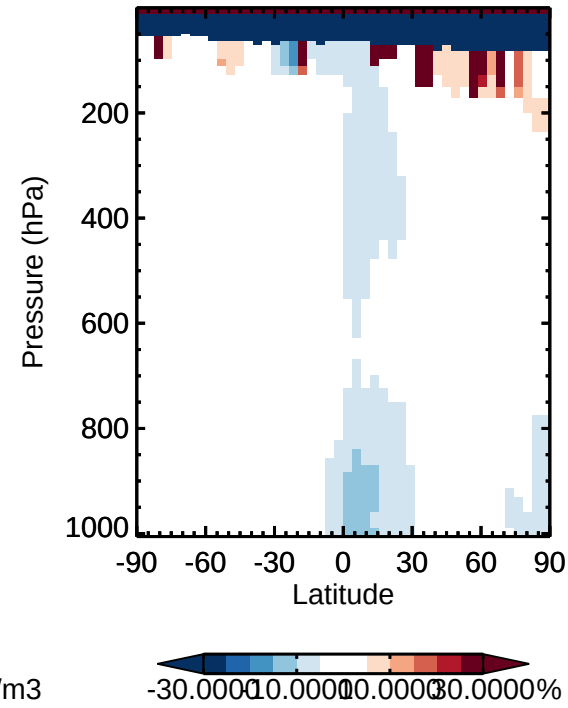
v11-01k-Run0 - v11-01f-geosfp-Run0

SO4s - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

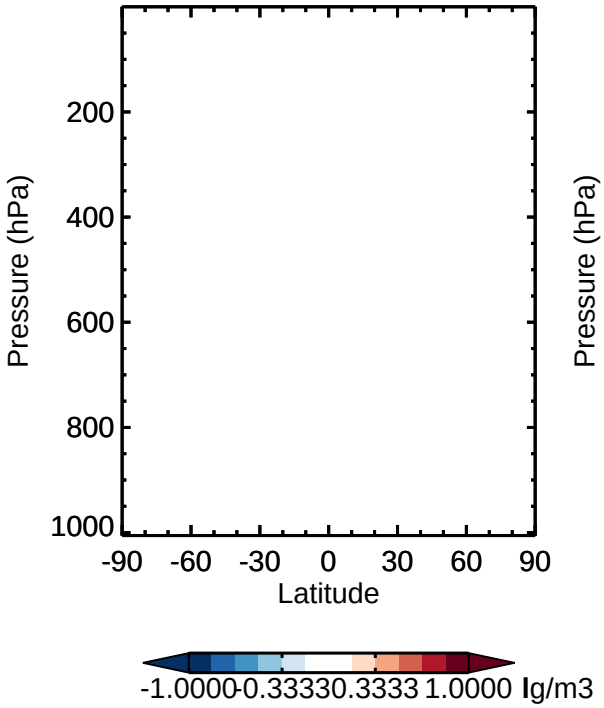
SO4s - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

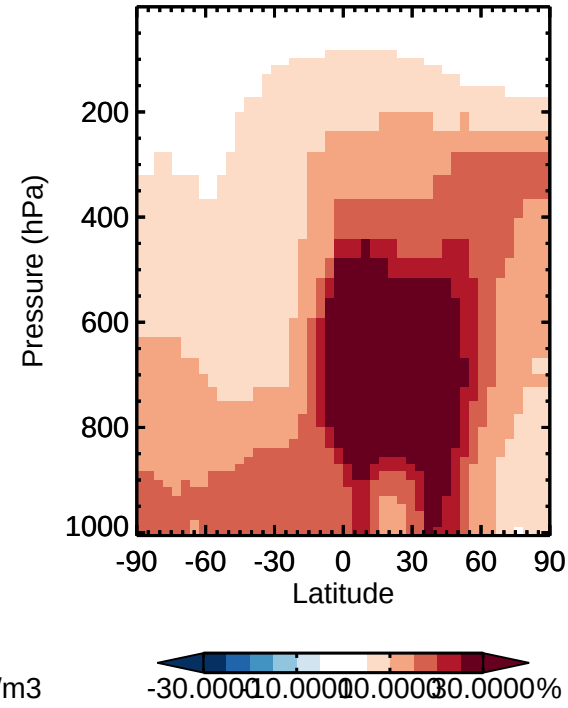
v11-01k-Run0 - v11-01g-Run0

MSA - Zonal mean abs diff for Jul



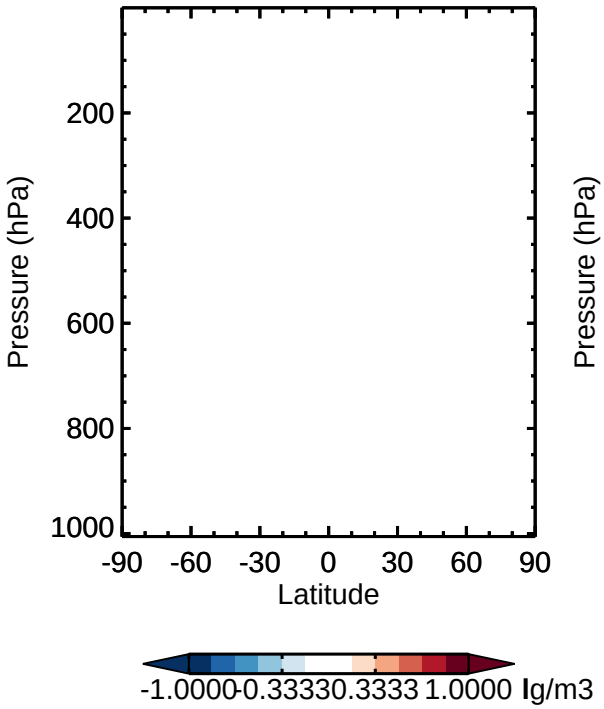
v11-01k-Run0 / v11-01g-Run0

MSA - Zonal mean % diff for Jul



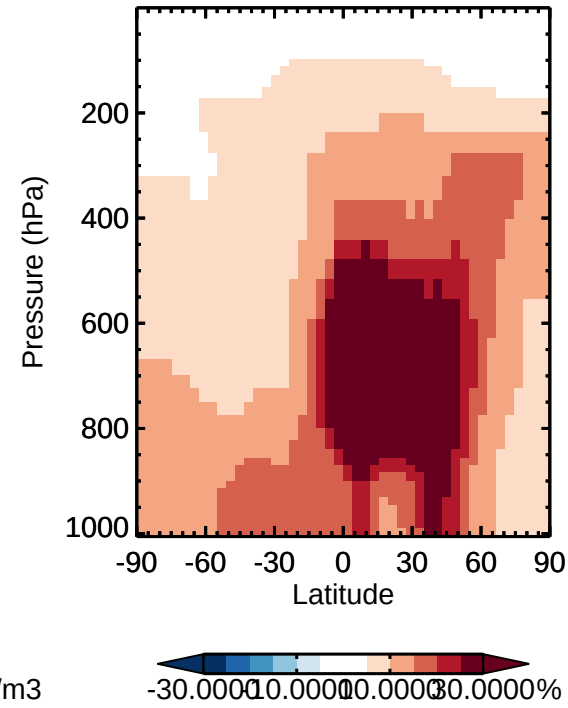
v11-01k-Run0 - v11-01f-geosfp-Run0

MSA - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

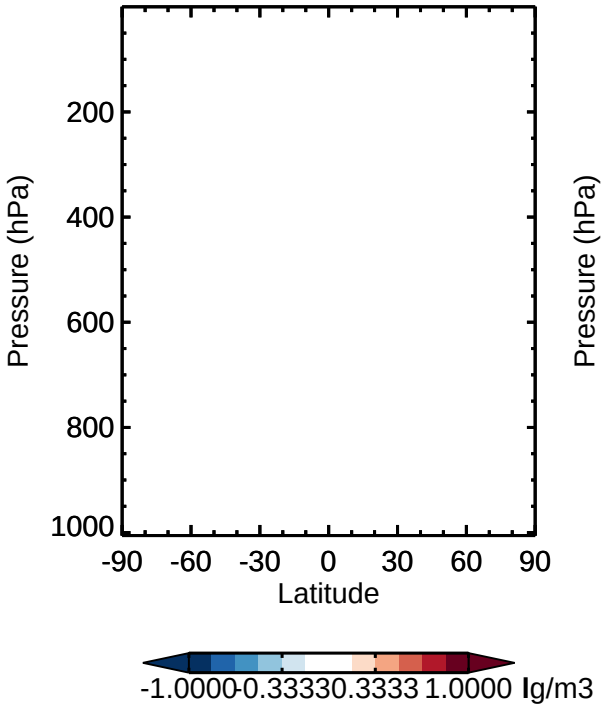
MSA - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

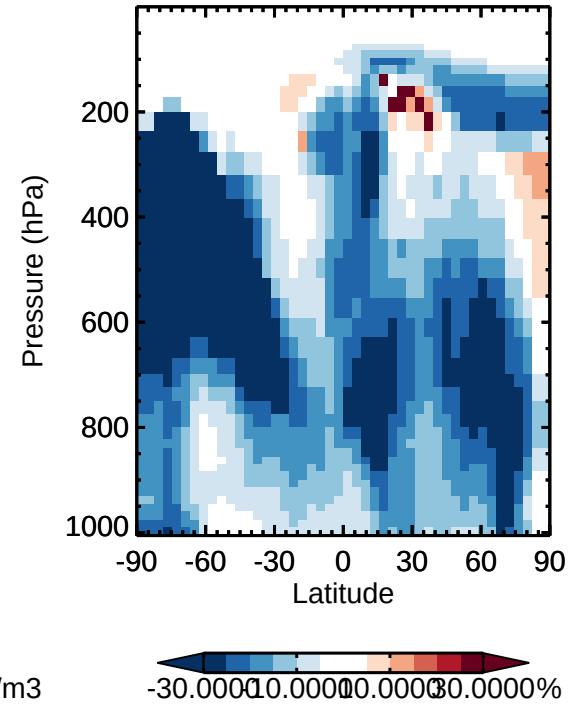
v11-01k-Run0 - v11-01g-Run0

NH3 - Zonal mean abs diff for Jul



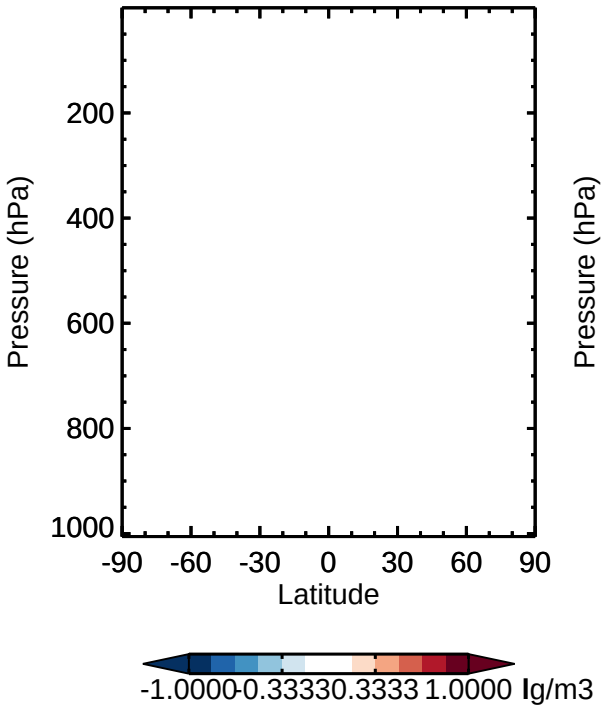
v11-01k-Run0 / v11-01g-Run0

NH3 - Zonal mean % diff for Jul



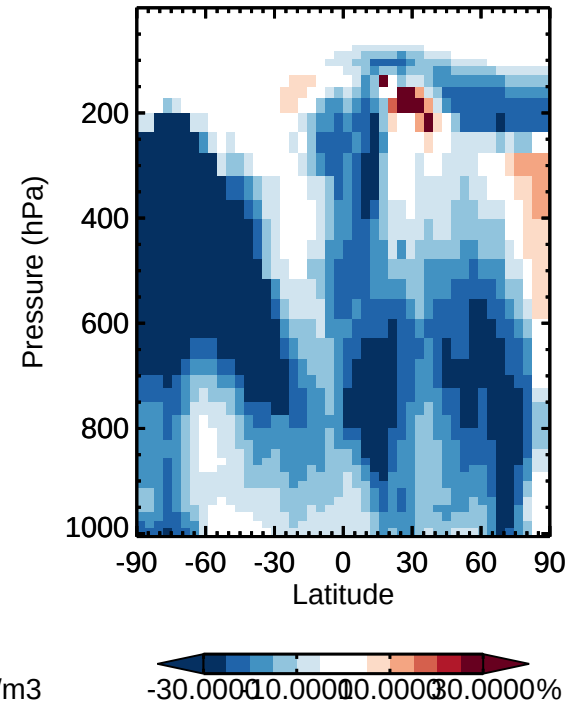
v11-01k-Run0 - v11-01f-geosfp-Run0

NH3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

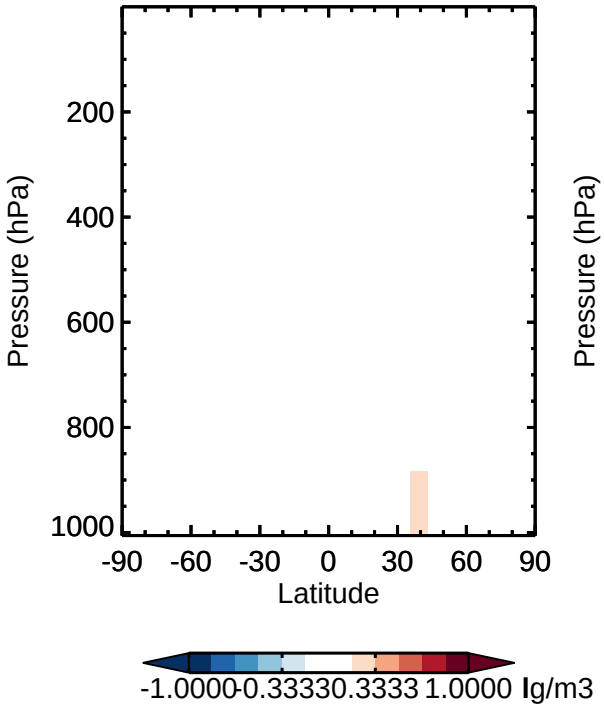
NH3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

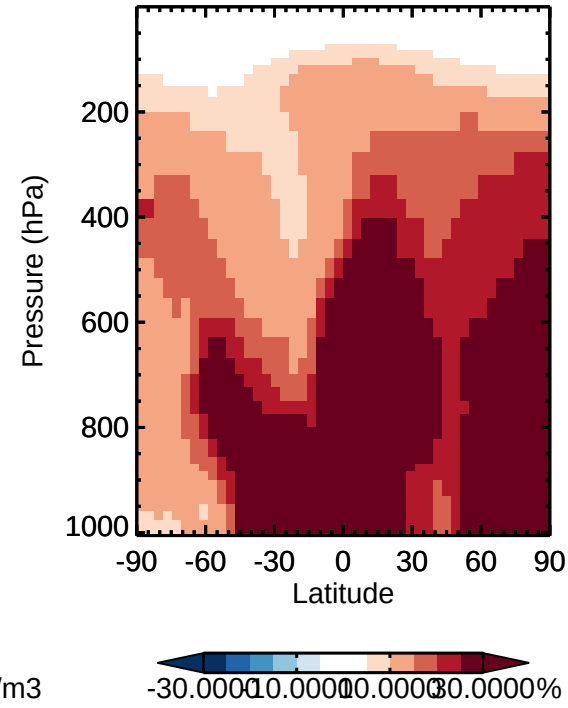
v11-01k-Run0 - v11-01g-Run0

NH4 - Zonal mean abs diff for Jul



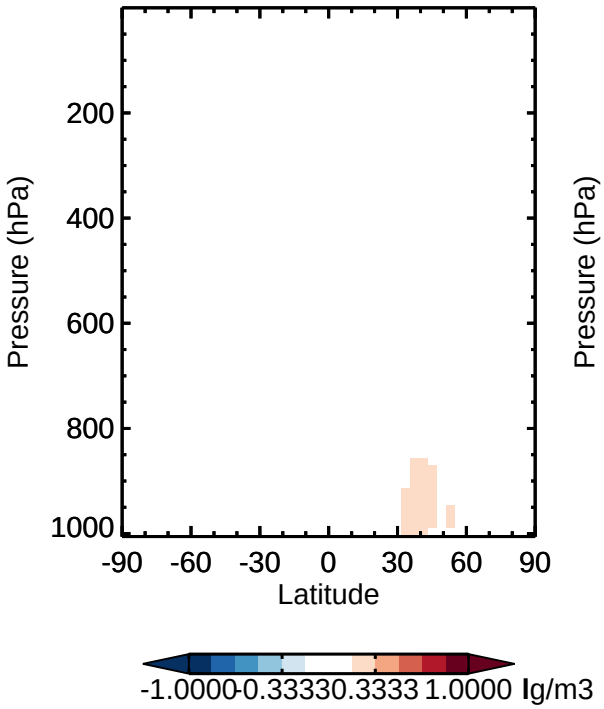
v11-01k-Run0 / v11-01g-Run0

NH4 - Zonal mean % diff for Jul



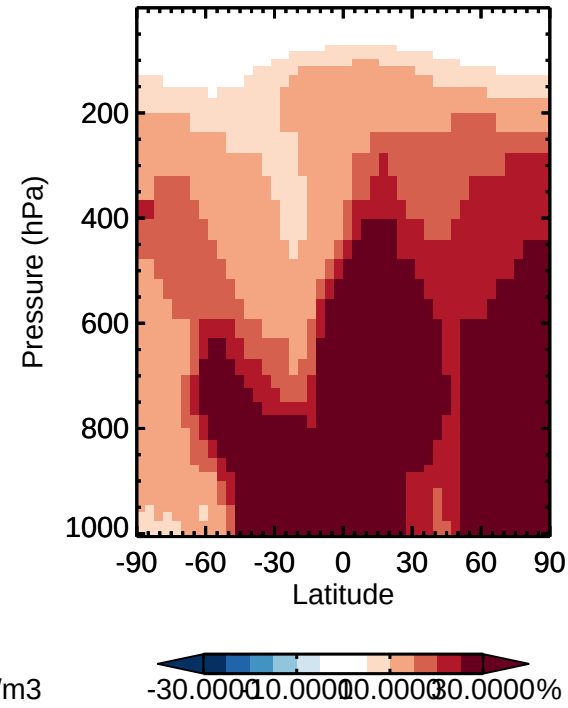
v11-01k-Run0 - v11-01f-geosfp-Run0

NH4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

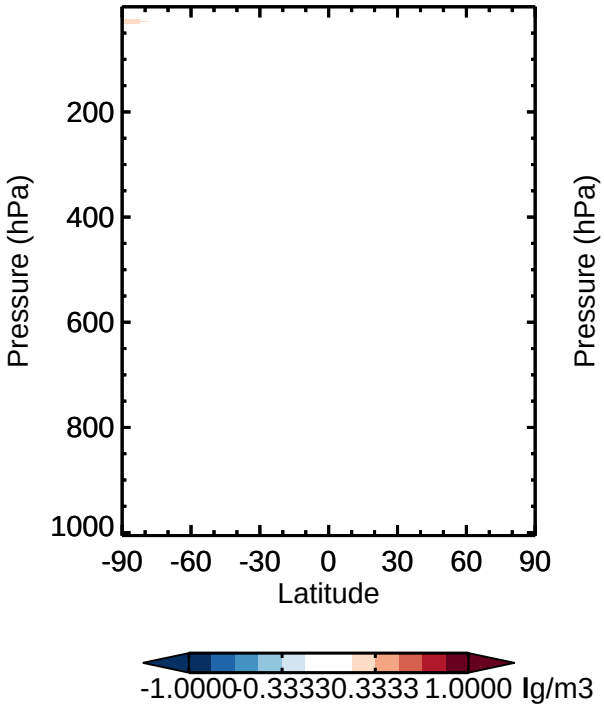
NH4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

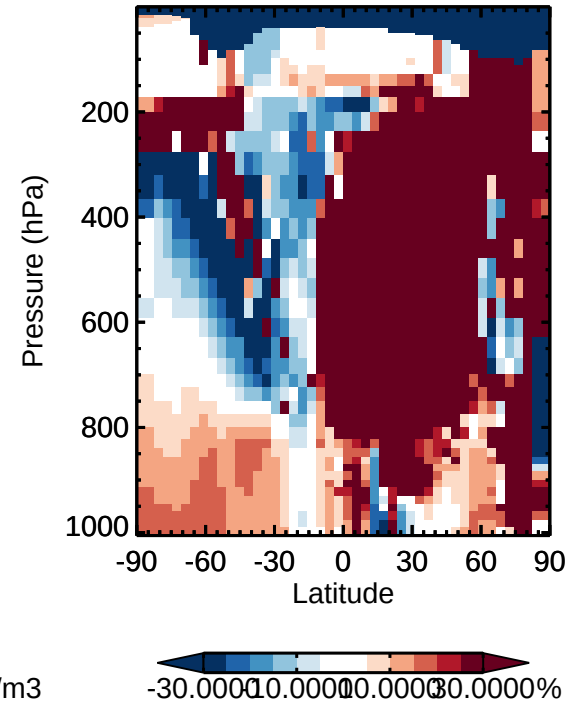
v11-01k-Run0 - v11-01g-Run0

NIT - Zonal mean abs diff for Jul



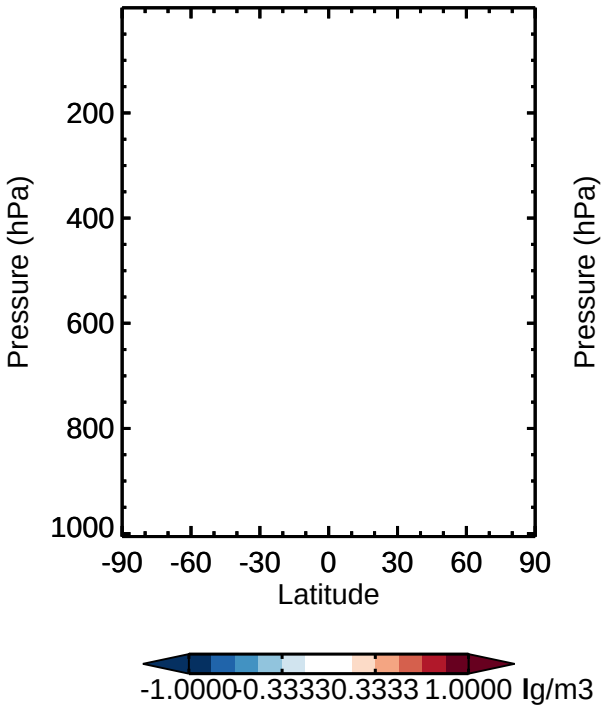
v11-01k-Run0 / v11-01g-Run0

NIT - Zonal mean % diff for Jul



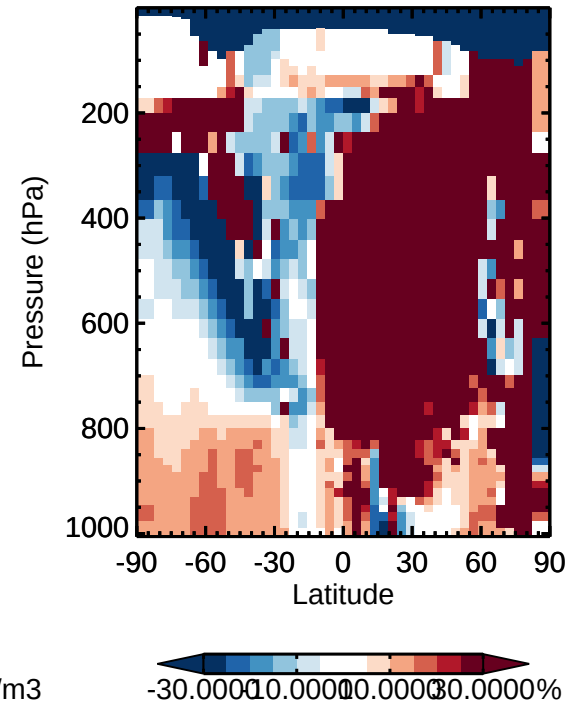
v11-01k-Run0 - v11-01f-geosfp-Run0

NIT - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

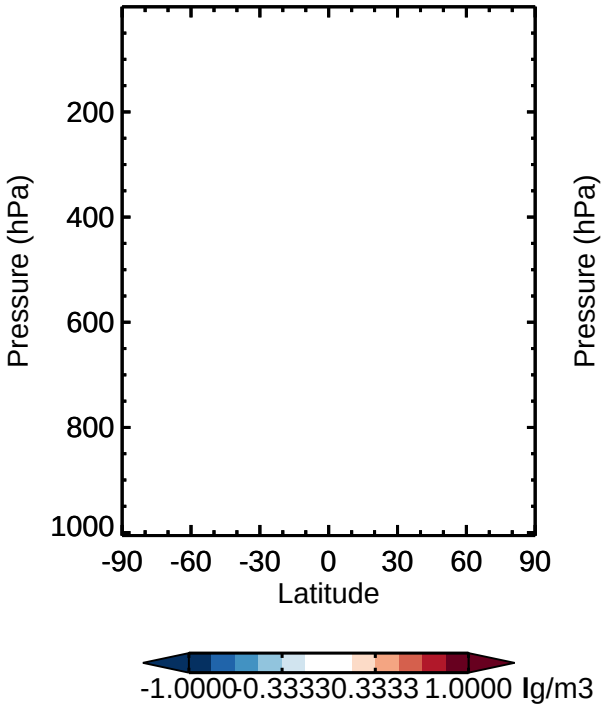
NIT - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

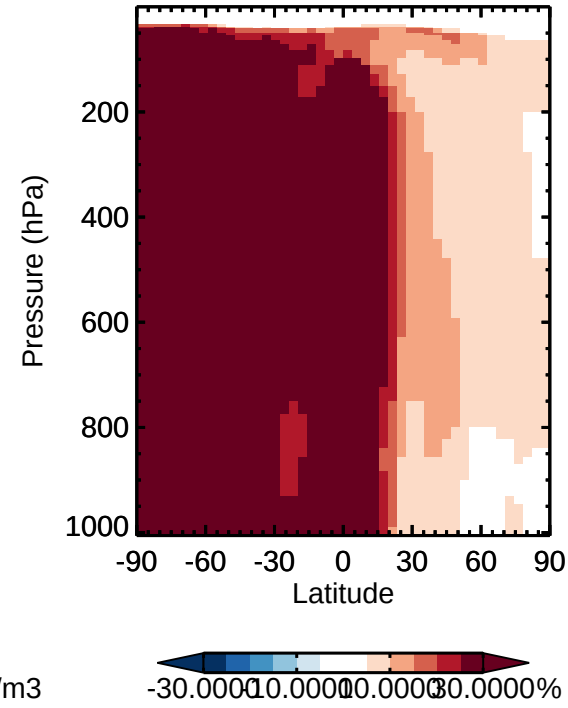
v11-01k-Run0 - v11-01g-Run0

NITs - Zonal mean abs diff for Jul



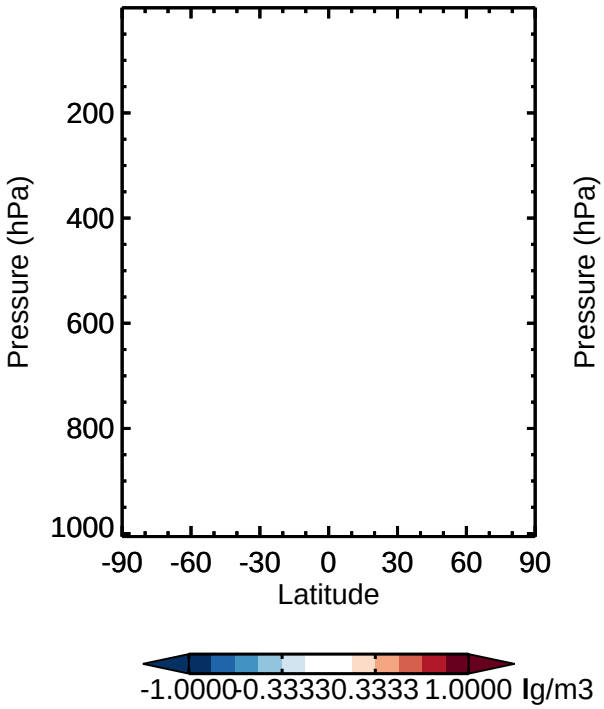
v11-01k-Run0 / v11-01g-Run0

NITs - Zonal mean % diff for Jul



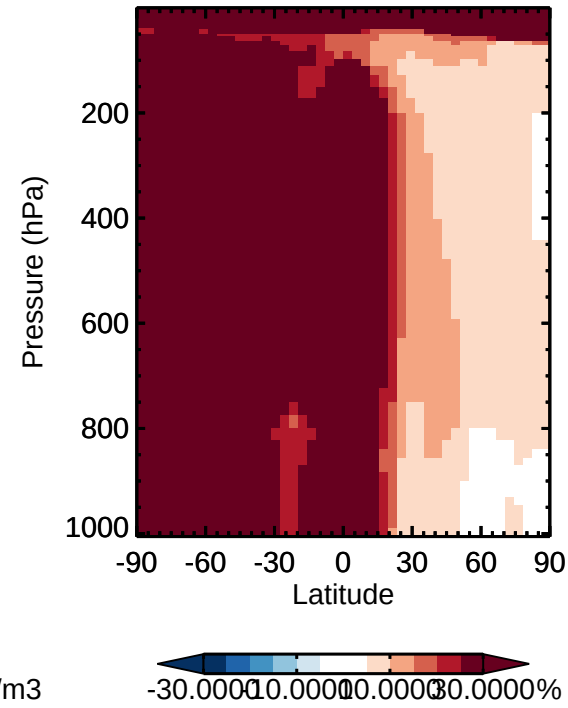
v11-01k-Run0 - v11-01f-geosfp-Run0

NITs - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

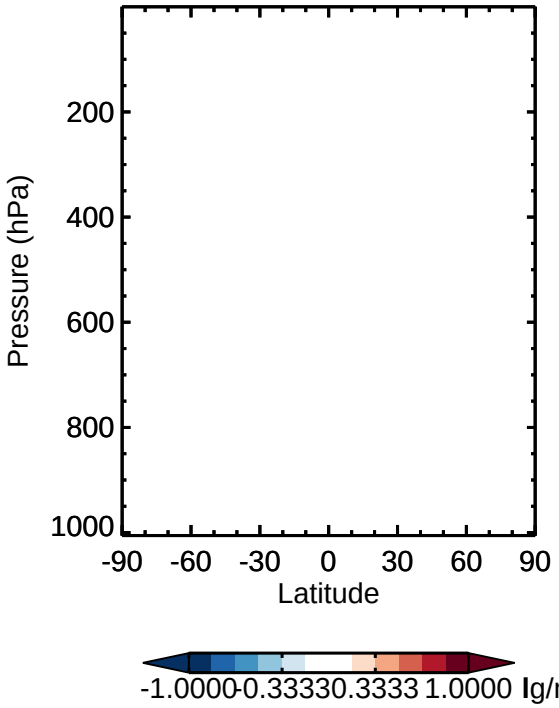
NITs - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

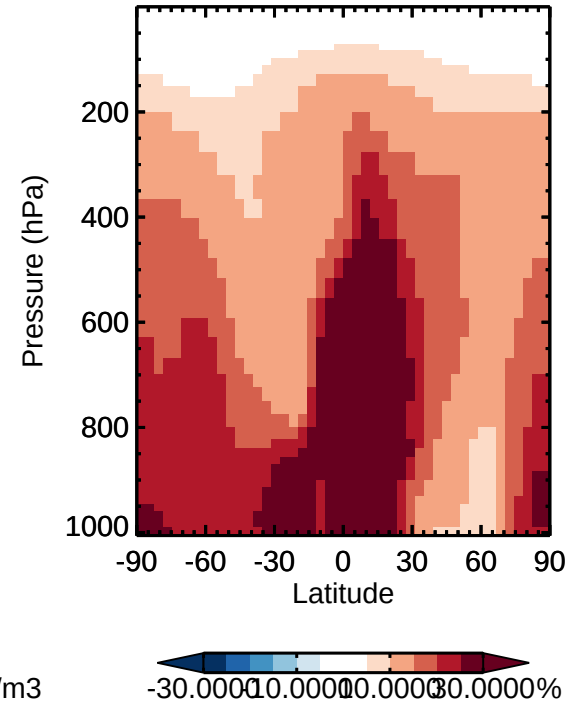
v11-01k-Run0 - v11-01g-Run0

BCPI - Zonal mean abs diff for Jul



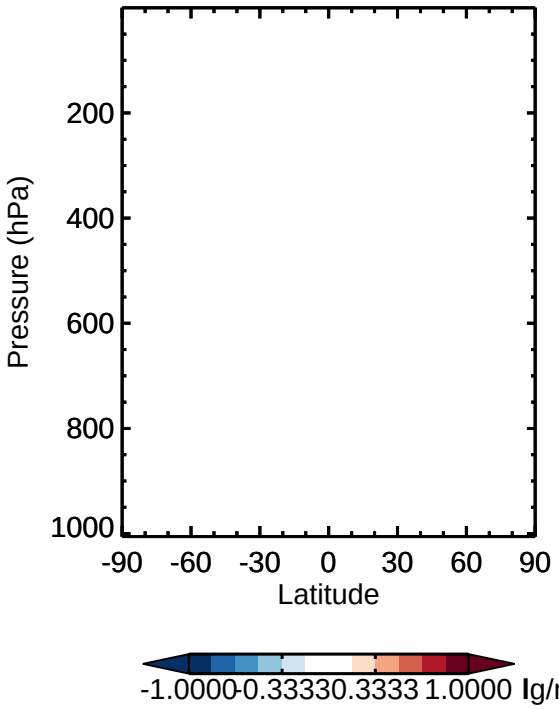
v11-01k-Run0 / v11-01g-Run0

BCPI - Zonal mean % diff for Jul



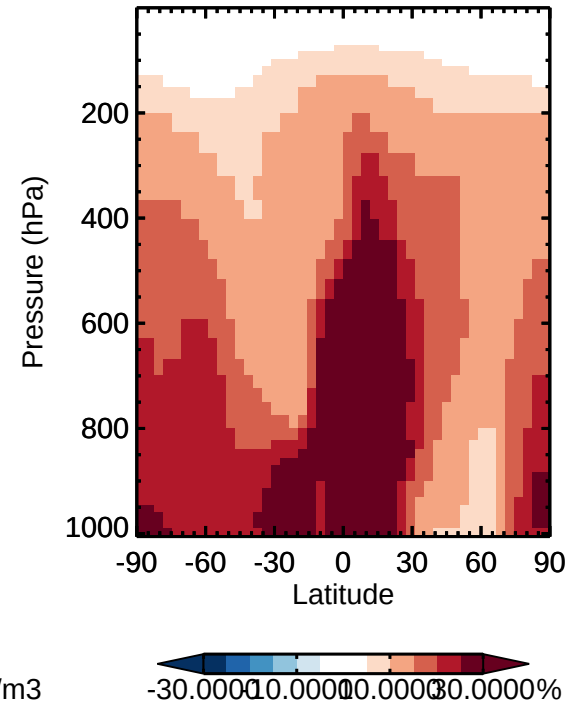
v11-01k-Run0 - v11-01f-geosfp-Run0

BCPI - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

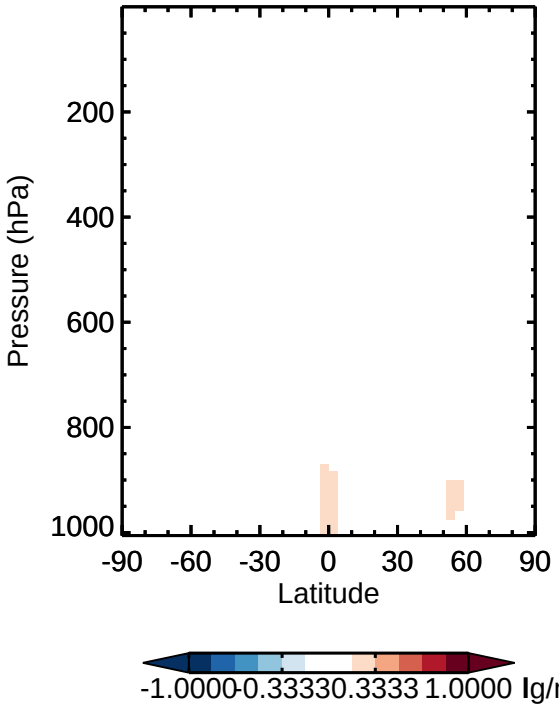
BCPI - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

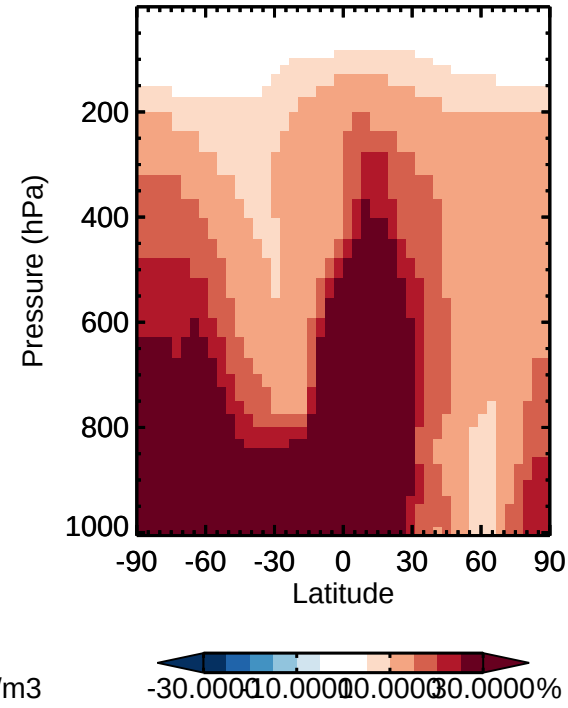
v11-01k-Run0 - v11-01g-Run0

OCPI - Zonal mean abs diff for Jul



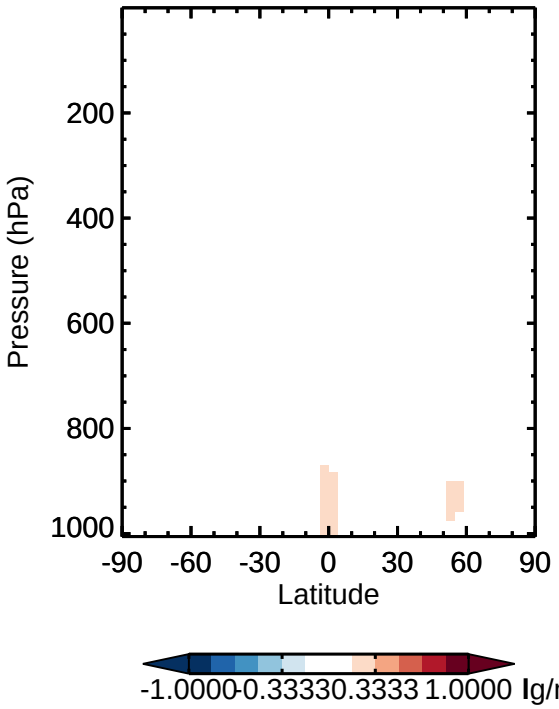
v11-01k-Run0 / v11-01g-Run0

OCPI - Zonal mean % diff for Jul



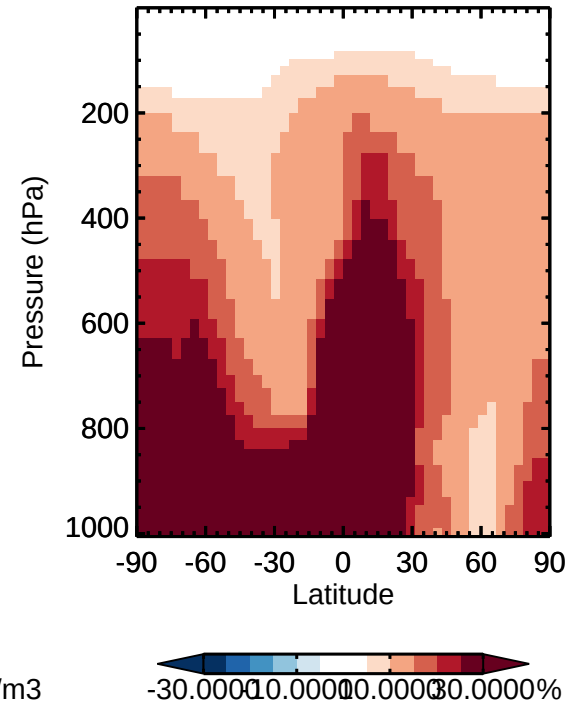
v11-01k-Run0 - v11-01f-geosfp-Run0

OCPI - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

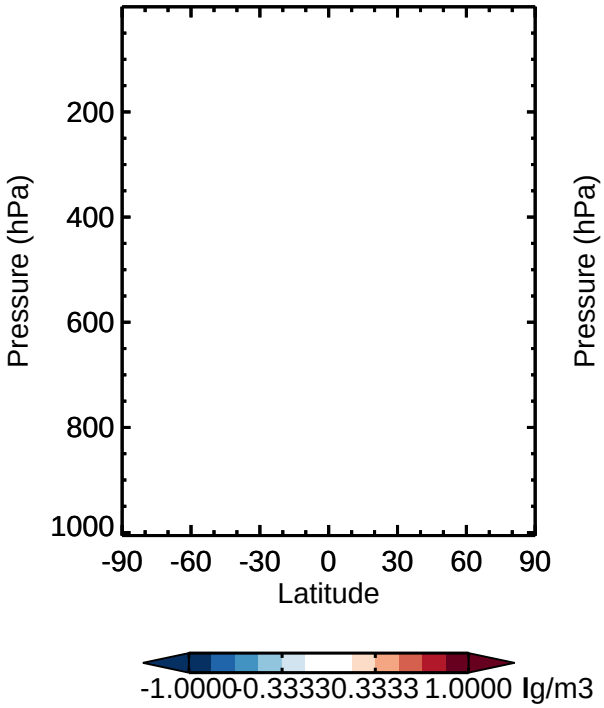
OCPI - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

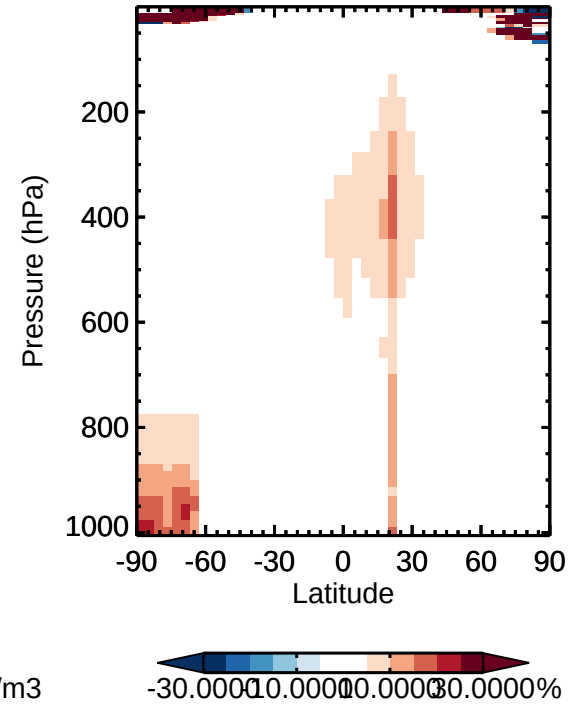
v11-01k-Run0 - v11-01g-Run0

BCPO - Zonal mean abs diff for Jul



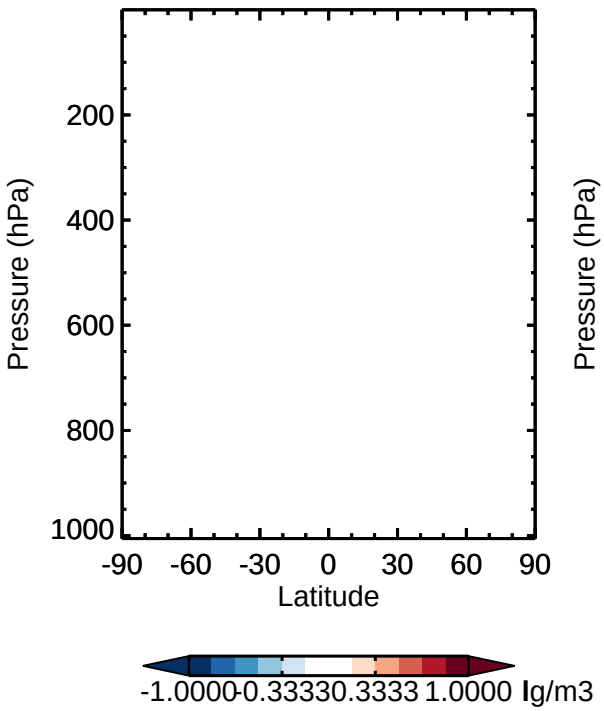
v11-01k-Run0 / v11-01g-Run0

BCPO - Zonal mean % diff for Jul



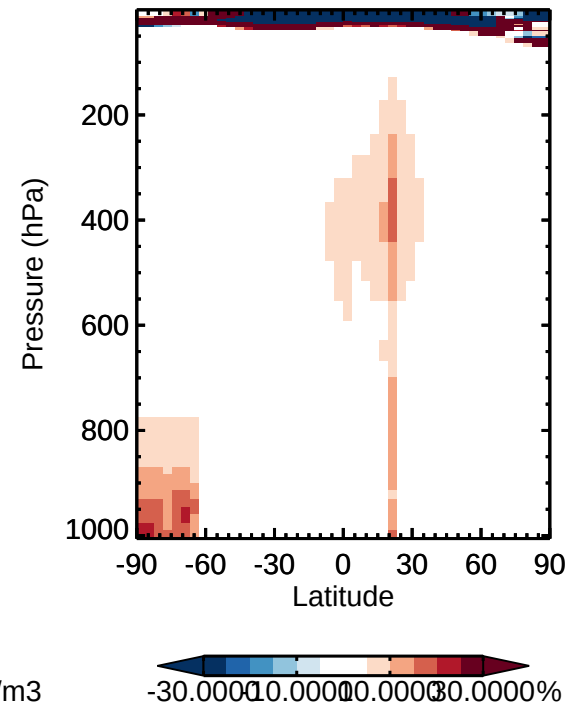
v11-01k-Run0 - v11-01f-geosfp-Run0

BCPO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

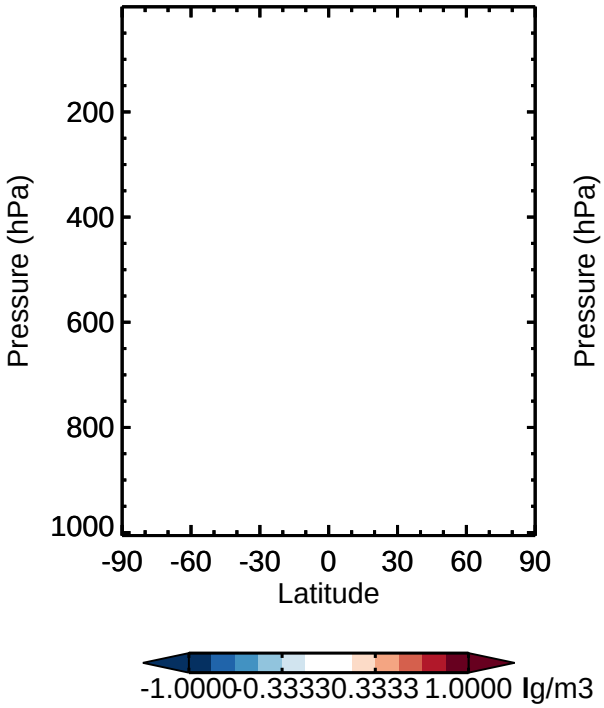
BCPO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

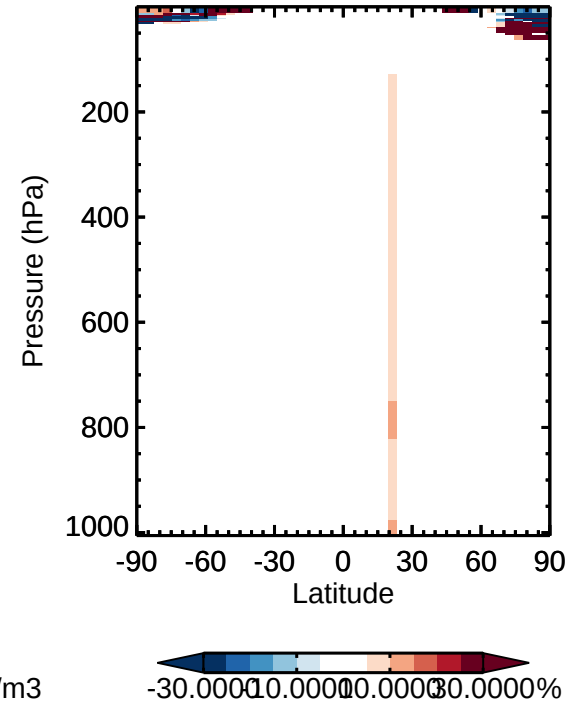
v11-01k-Run0 - v11-01g-Run0

OCPO - Zonal mean abs diff for Jul



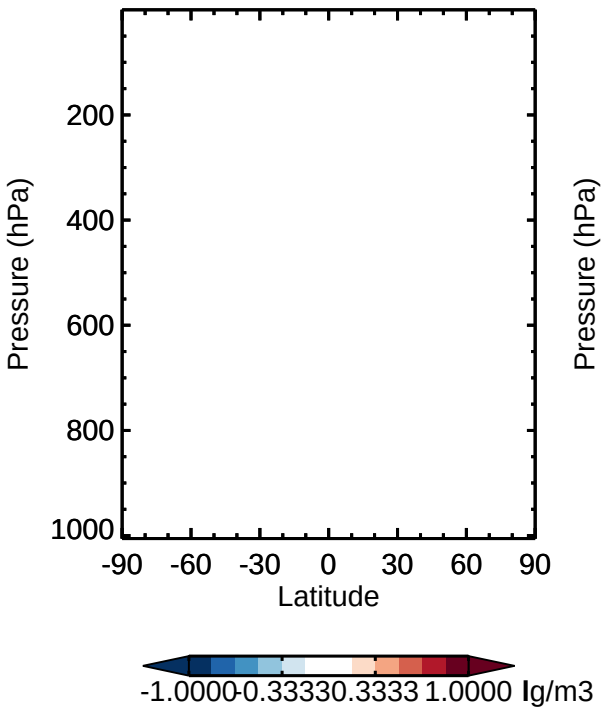
v11-01k-Run0 / v11-01g-Run0

OCPO - Zonal mean % diff for Jul



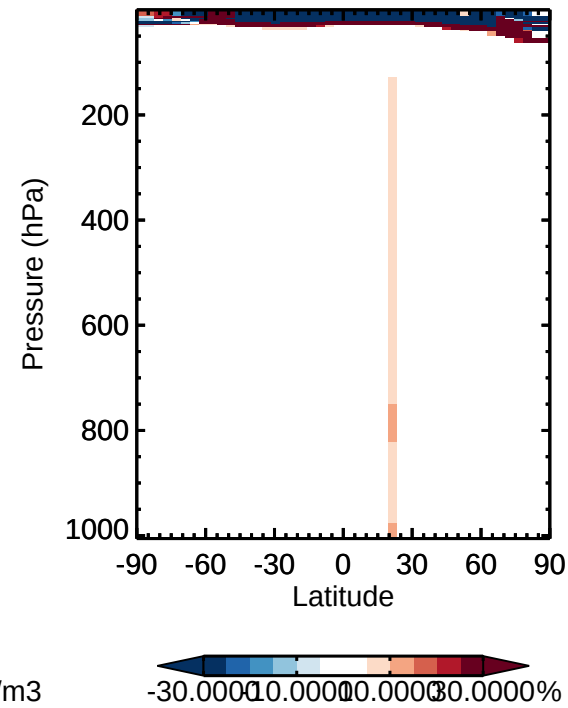
v11-01k-Run0 - v11-01f-geosfp-Run0

OCPO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

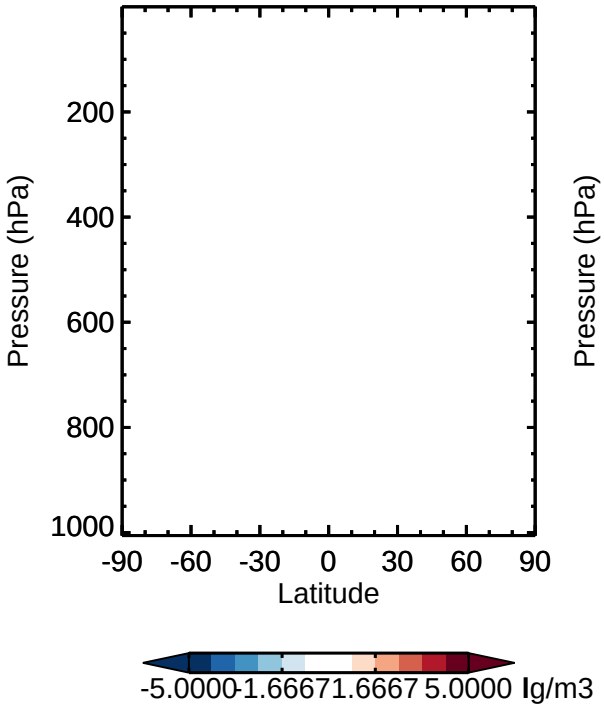
OCPO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

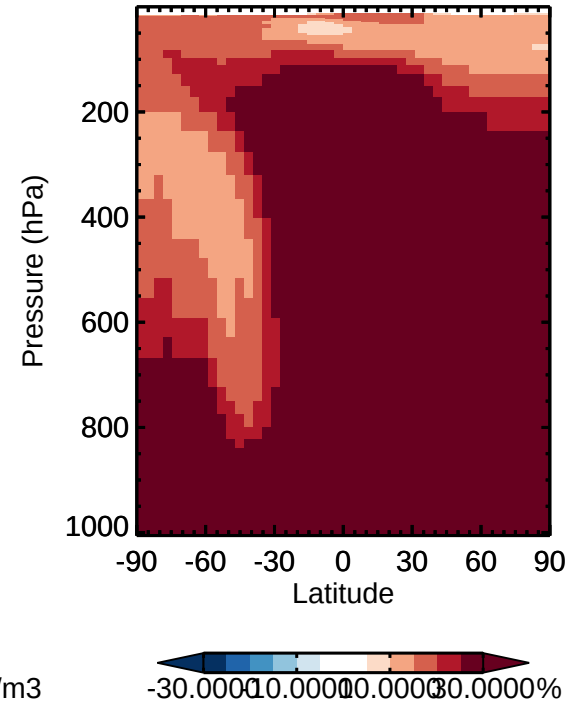
v11-01k-Run0 - v11-01g-Run0

DST1 - Zonal mean abs diff for Jul



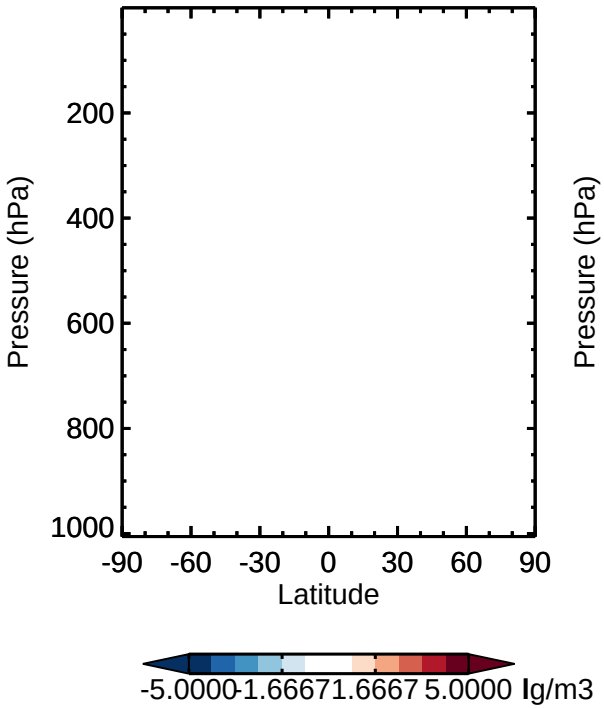
v11-01k-Run0 / v11-01g-Run0

DST1 - Zonal mean % diff for Jul



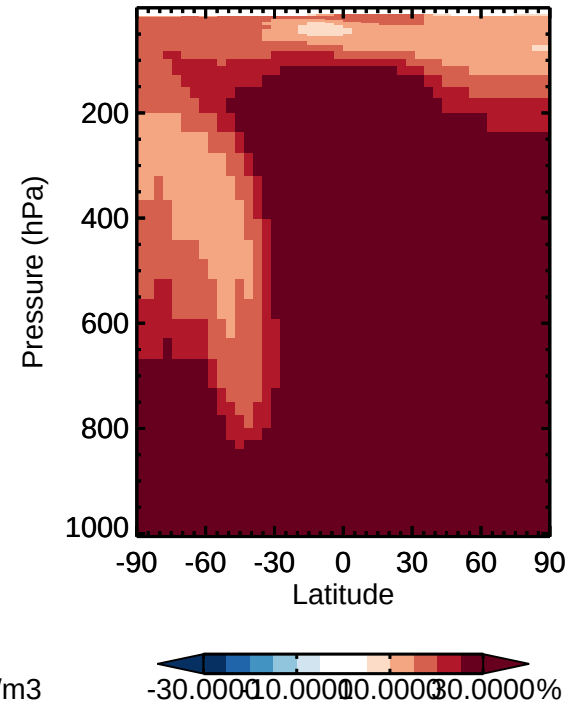
v11-01k-Run0 - v11-01f-geosfp-Run0

DST1 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

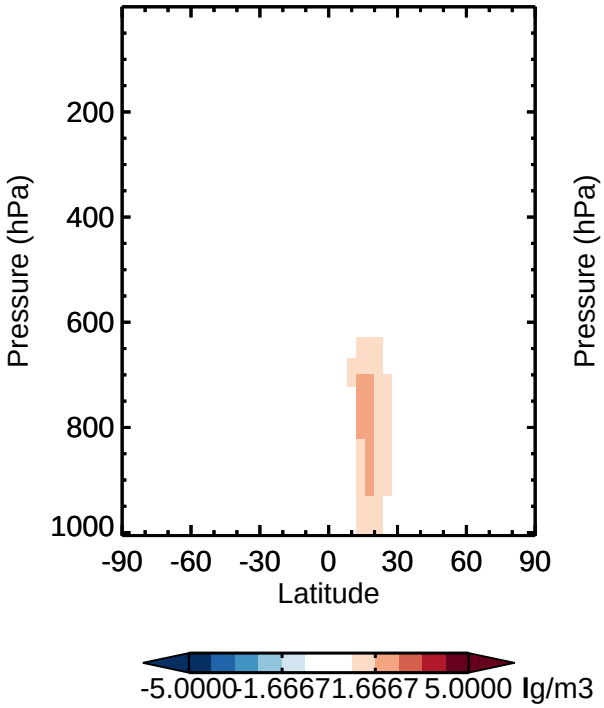
DST1 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

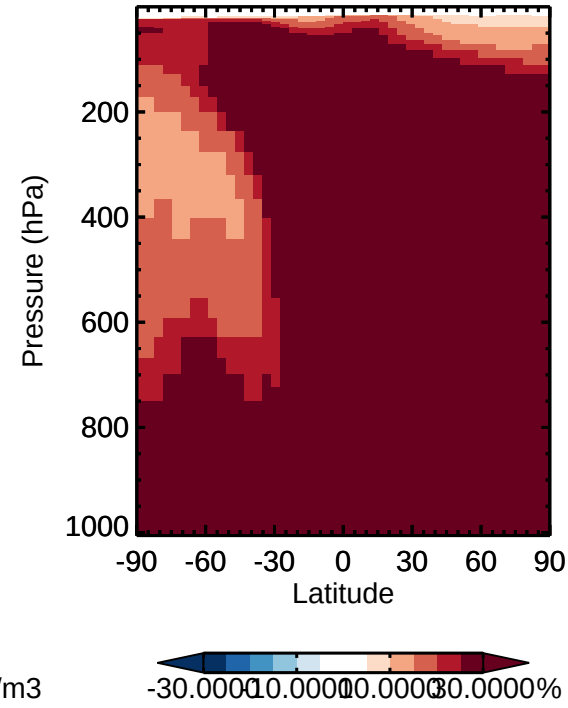
v11-01k-Run0 - v11-01g-Run0

DST2 - Zonal mean abs diff for Jul



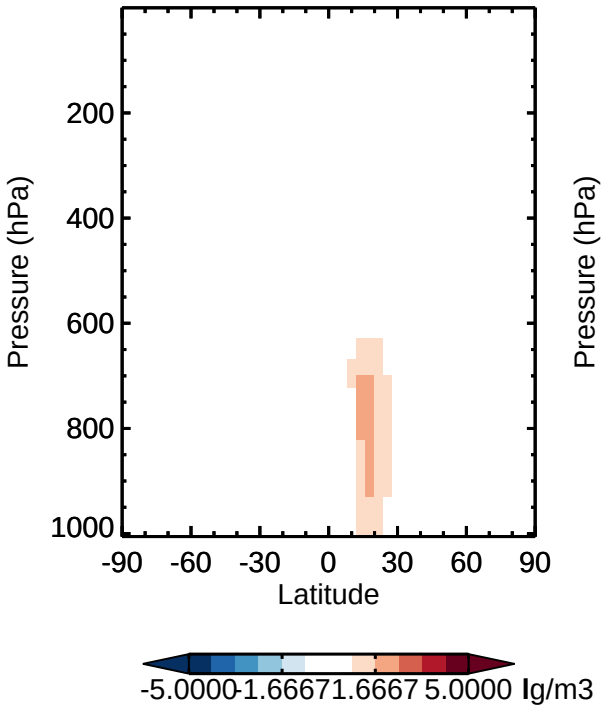
v11-01k-Run0 / v11-01g-Run0

DST2 - Zonal mean % diff for Jul



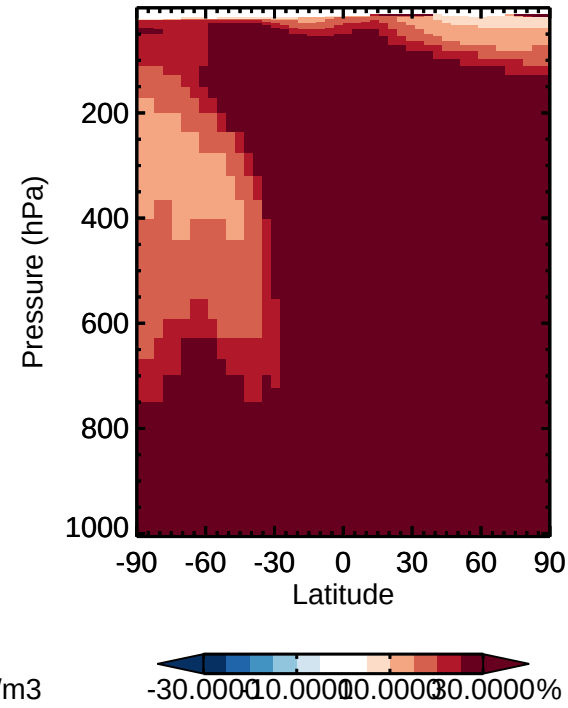
v11-01k-Run0 - v11-01f-geosfp-Run0

DST2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

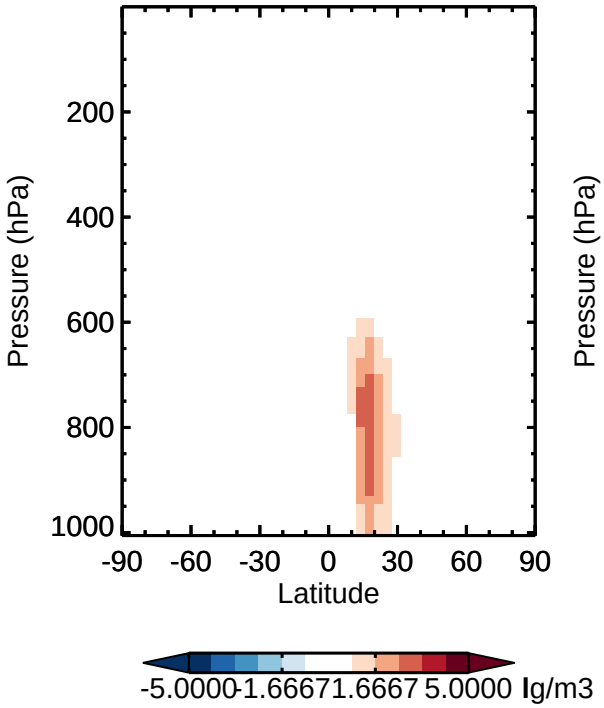
DST2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

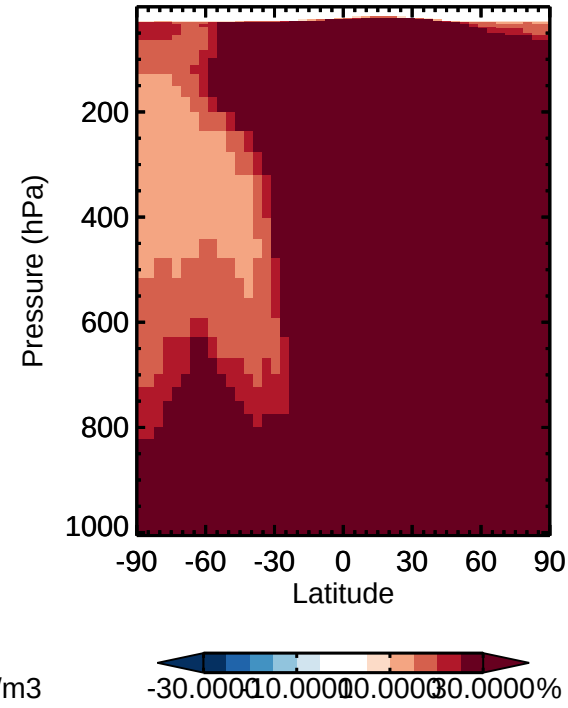
v11-01k-Run0 - v11-01g-Run0

DST3 - Zonal mean abs diff for Jul



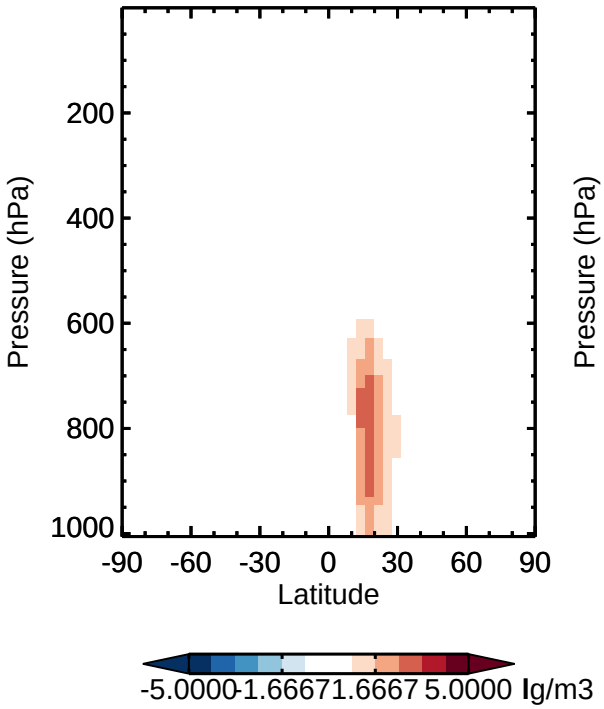
v11-01k-Run0 / v11-01g-Run0

DST3 - Zonal mean % diff for Jul



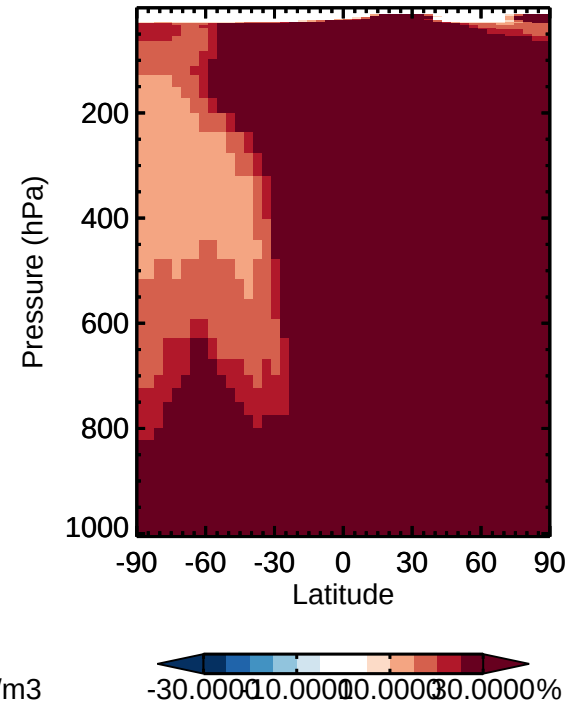
v11-01k-Run0 - v11-01f-geosfp-Run0

DST3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

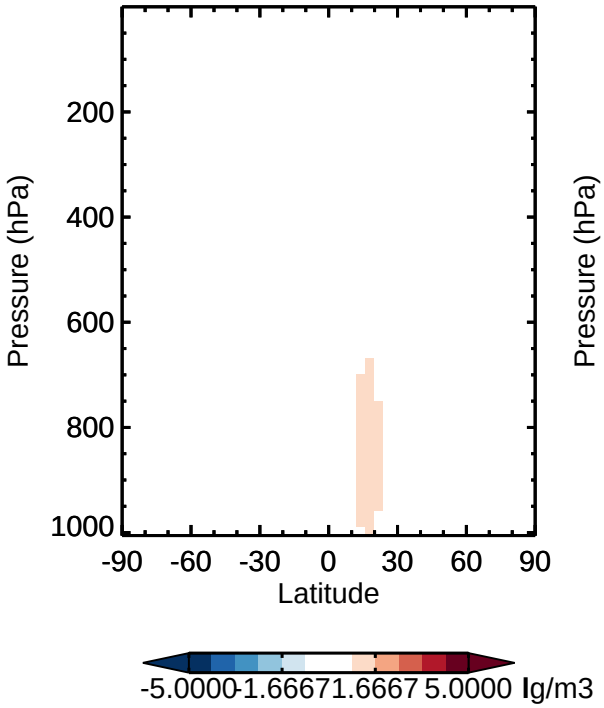
DST3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

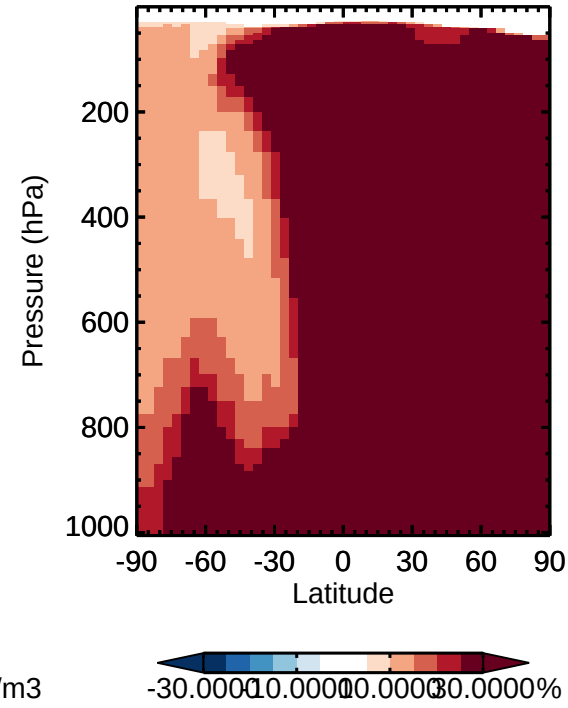
v11-01k-Run0 - v11-01g-Run0

DST4 - Zonal mean abs diff for Jul



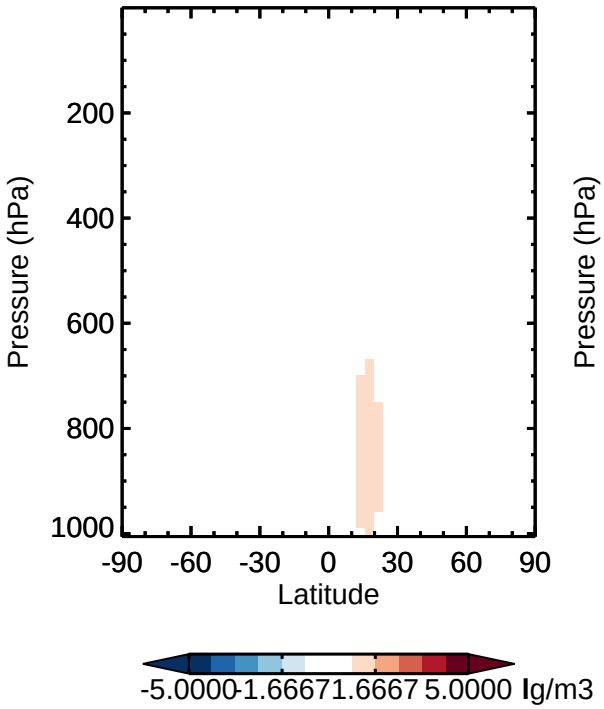
v11-01k-Run0 / v11-01g-Run0

DST4 - Zonal mean % diff for Jul



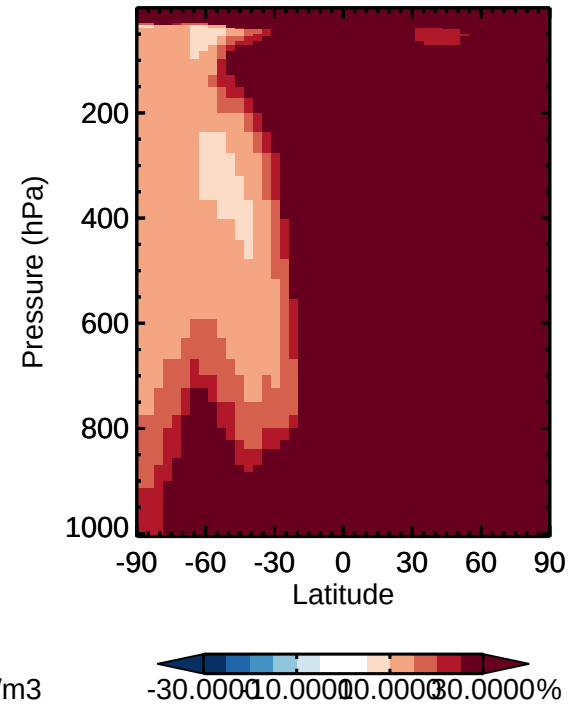
v11-01k-Run0 - v11-01f-geosfp-Run0

DST4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

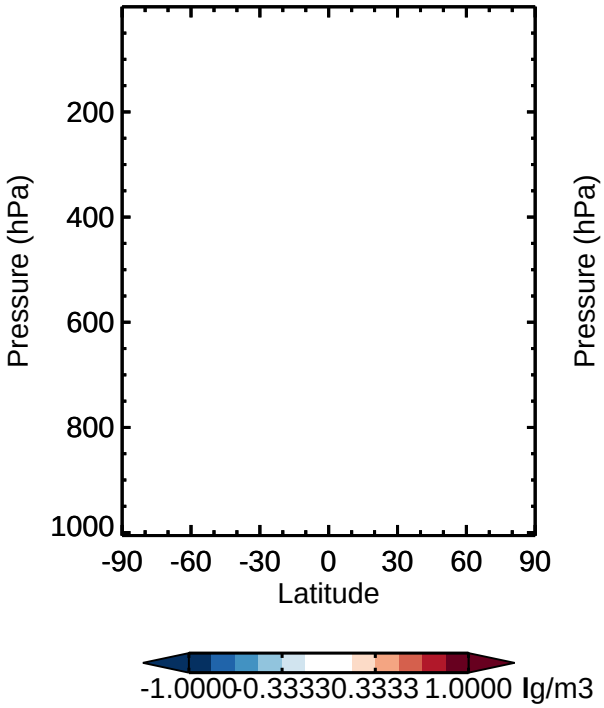
DST4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

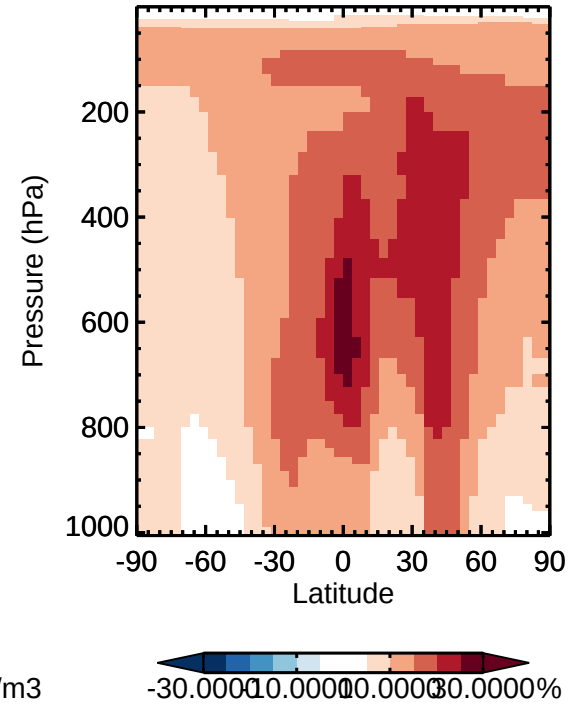
v11-01k-Run0 - v11-01g-Run0

SALA - Zonal mean abs diff for Jul



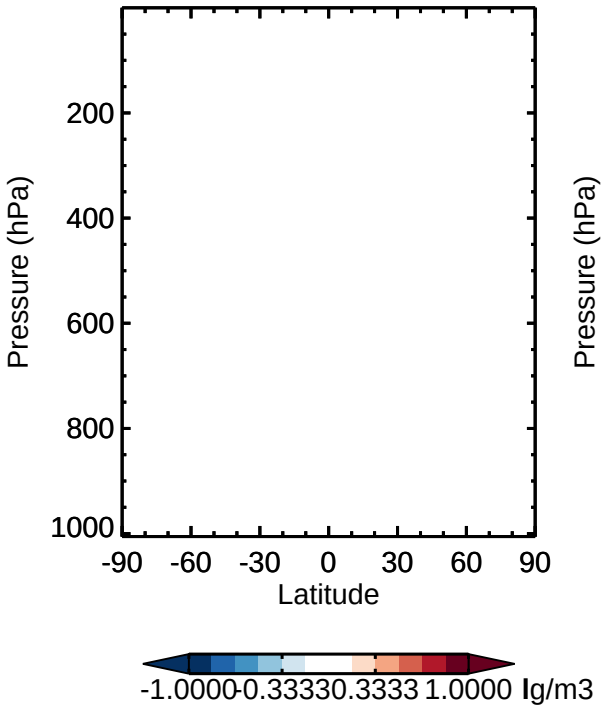
v11-01k-Run0 / v11-01g-Run0

SALA - Zonal mean % diff for Jul



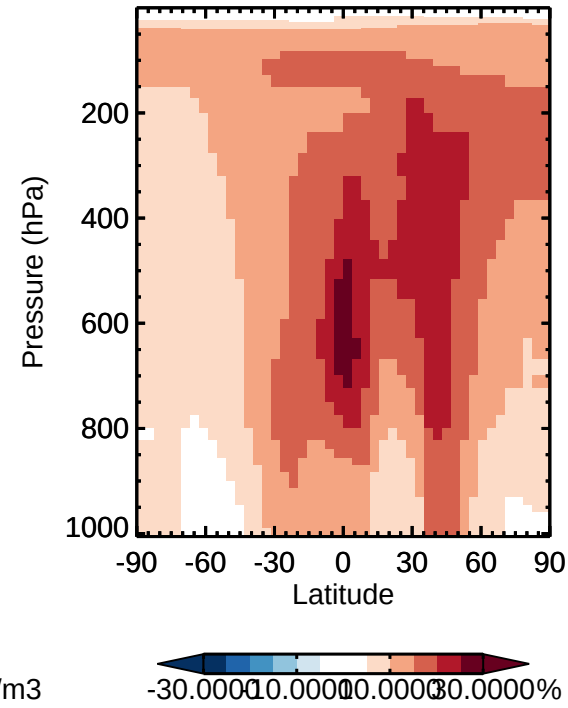
v11-01k-Run0 - v11-01f-geosfp-Run0

SALA - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

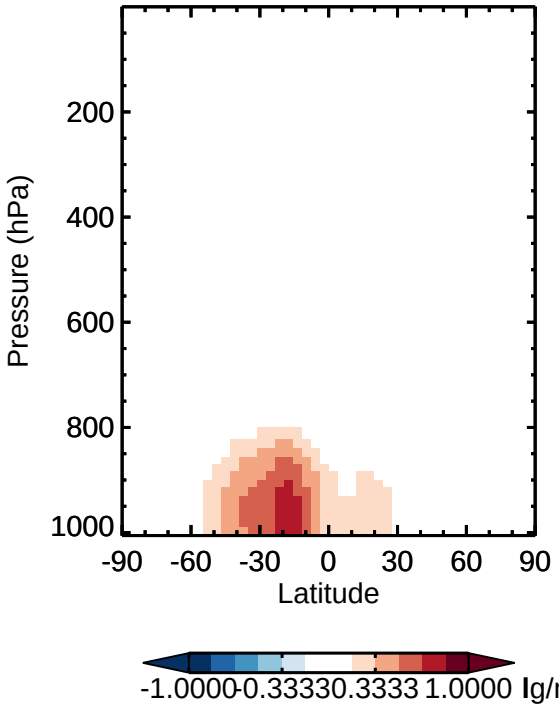
SALA - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

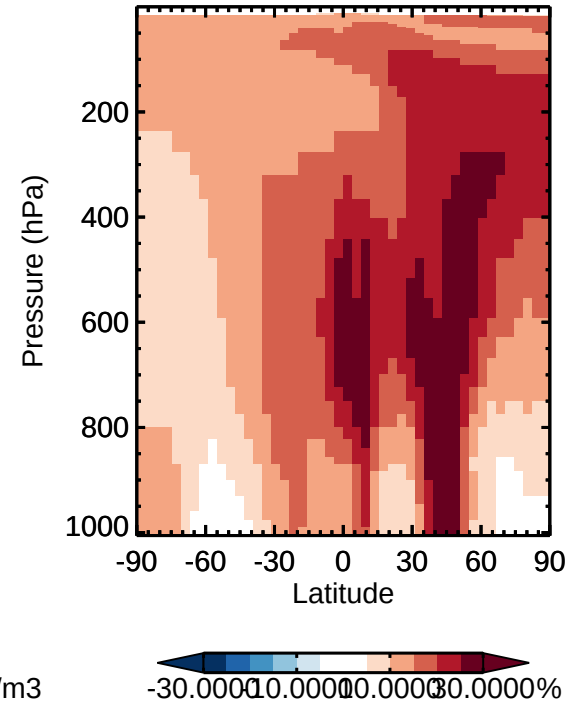
v11-01k-Run0 - v11-01g-Run0

SALC - Zonal mean abs diff for Jul



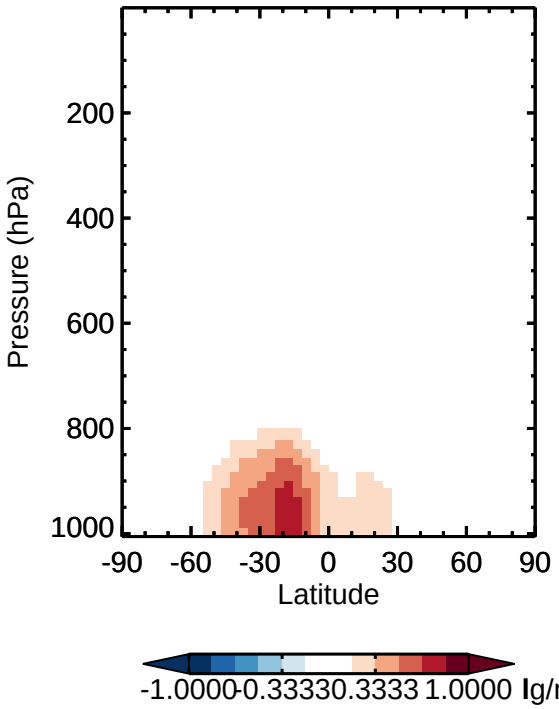
v11-01k-Run0 / v11-01g-Run0

SALC - Zonal mean % diff for Jul



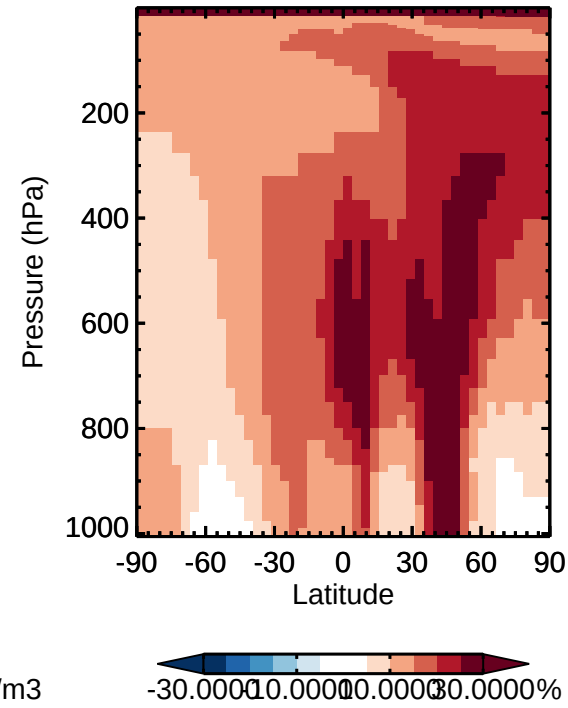
v11-01k-Run0 - v11-01f-geosfp-Run0

SALC - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

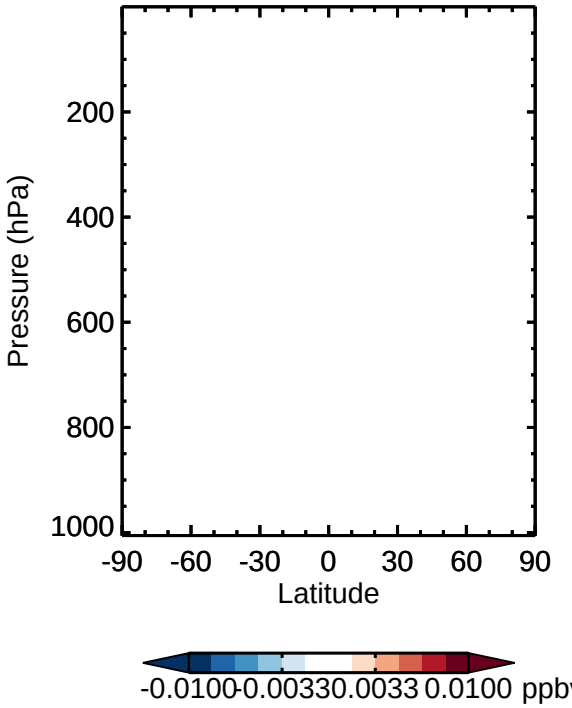
SALC - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

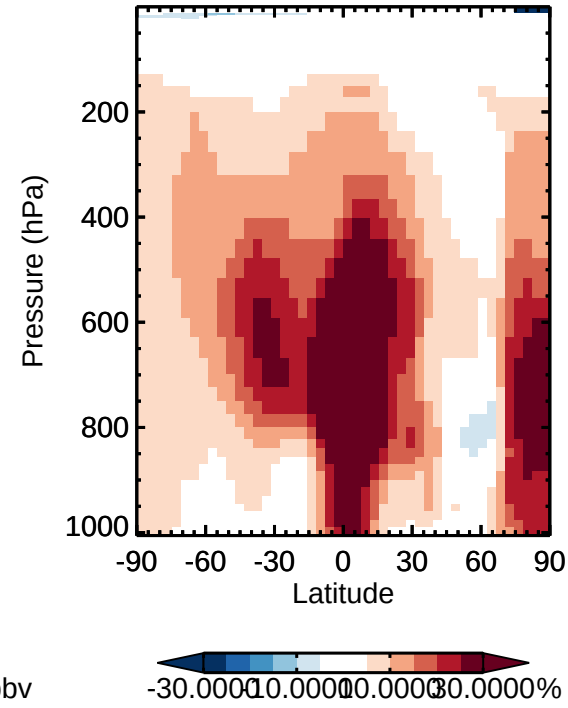
v11-01k-Run0 - v11-01g-Run0

Br2 - Zonal mean abs diff for Jul



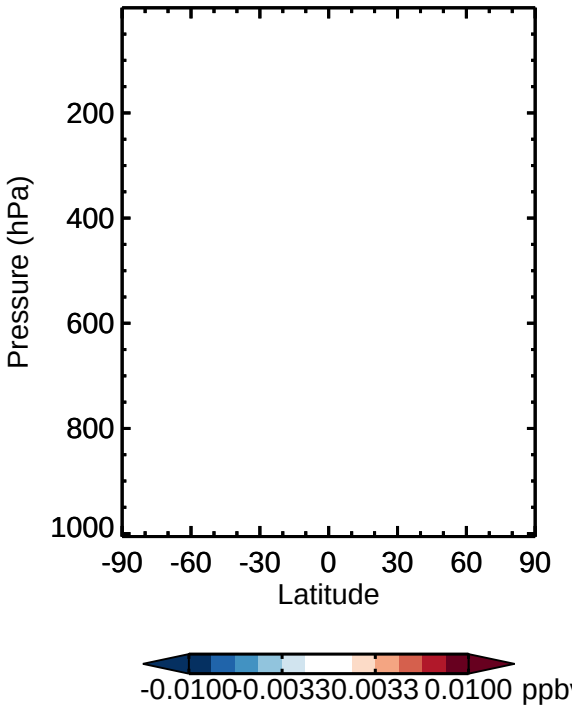
v11-01k-Run0 / v11-01g-Run0

Br2 - Zonal mean % diff for Jul



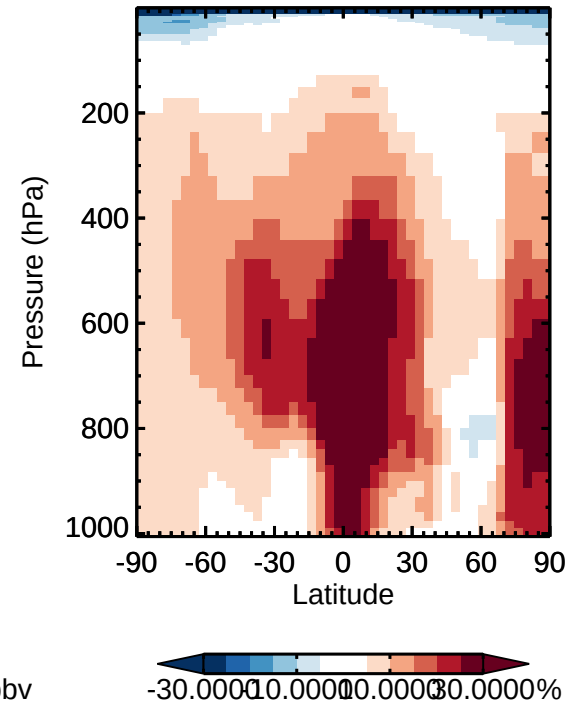
v11-01k-Run0 - v11-01f-geosfp-Run0

Br2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

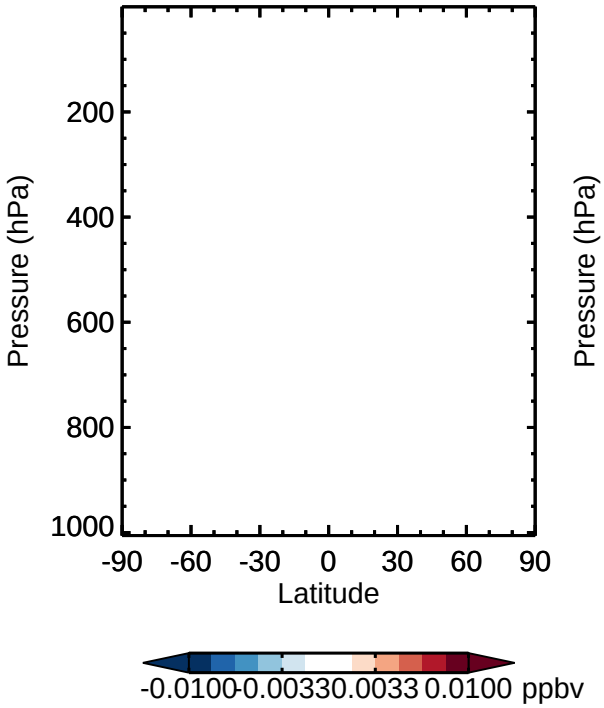
Br2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

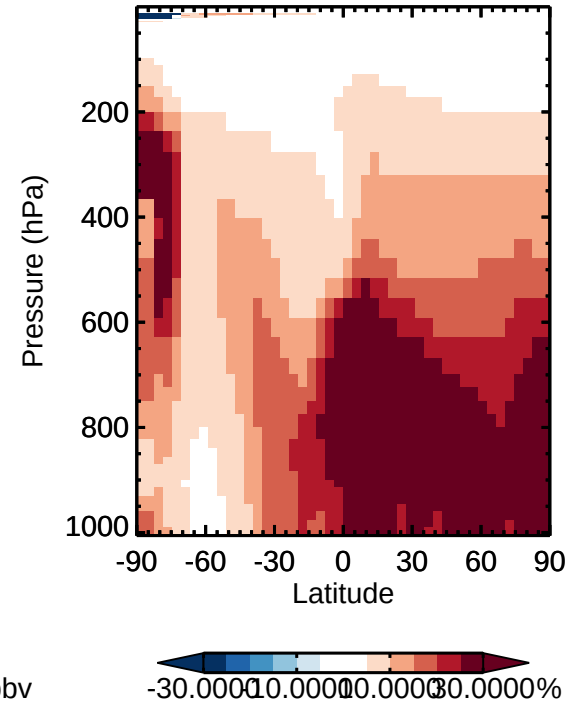
v11-01k-Run0 - v11-01g-Run0

Br - Zonal mean abs diff for Jul



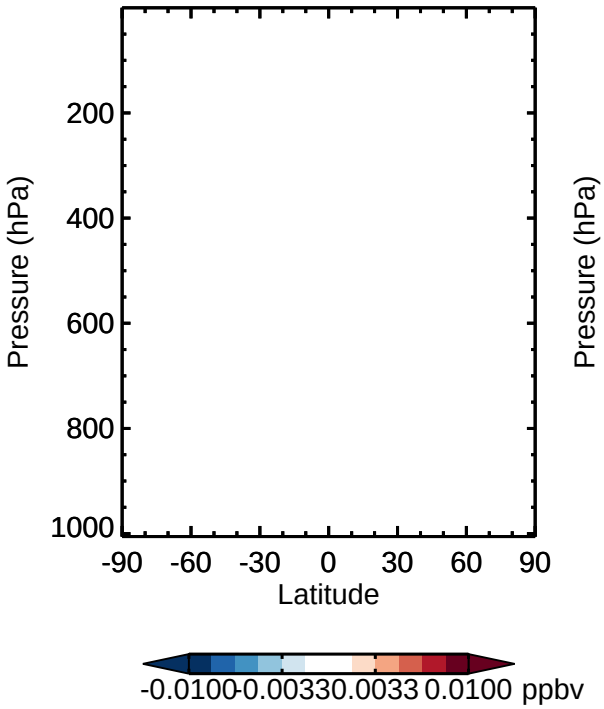
v11-01k-Run0 / v11-01g-Run0

Br - Zonal mean % diff for Jul



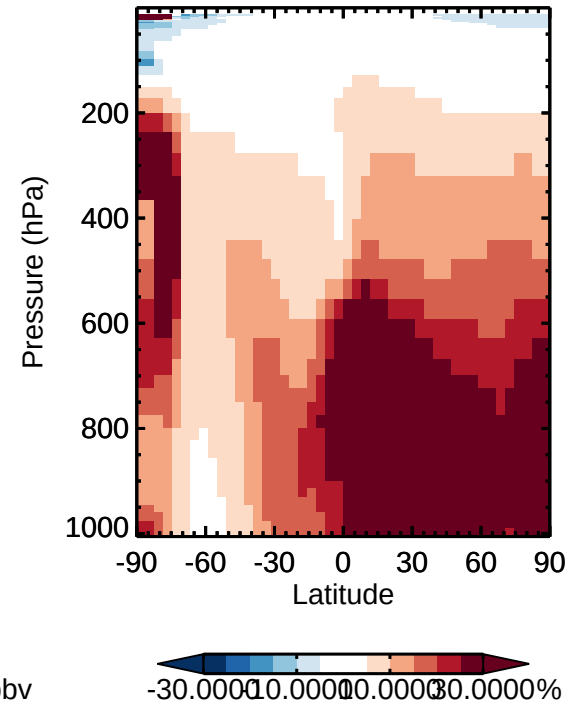
v11-01k-Run0 - v11-01f-geosfp-Run0

Br - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

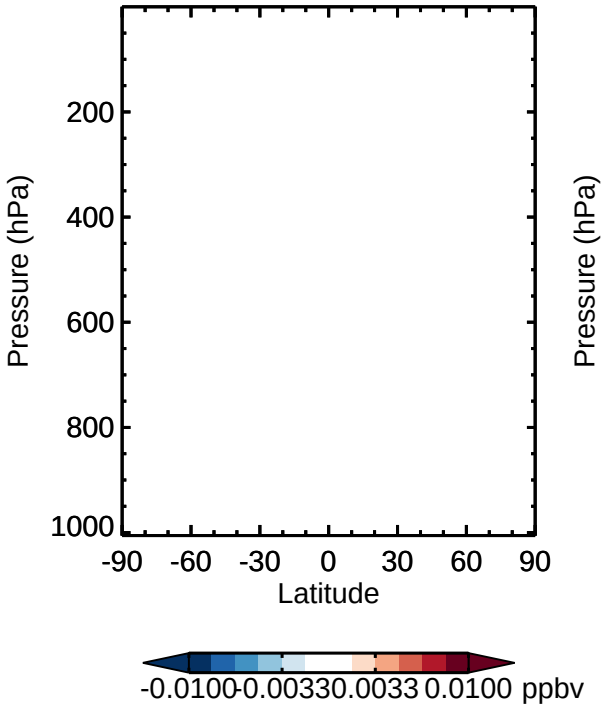
Br - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

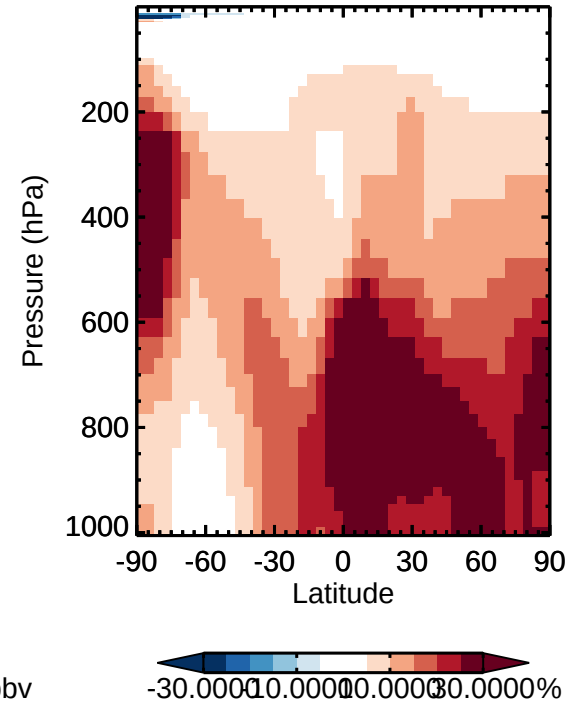
v11-01k-Run0 - v11-01g-Run0

BrO - Zonal mean abs diff for Jul



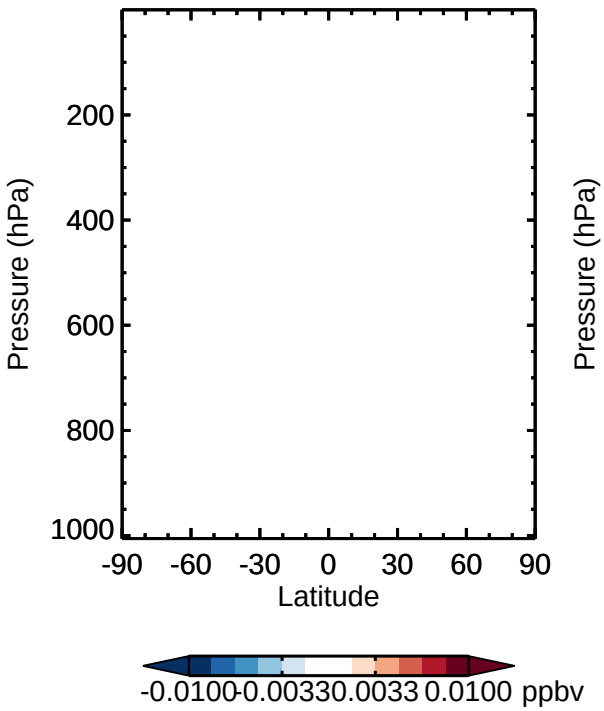
v11-01k-Run0 / v11-01g-Run0

BrO - Zonal mean % diff for Jul



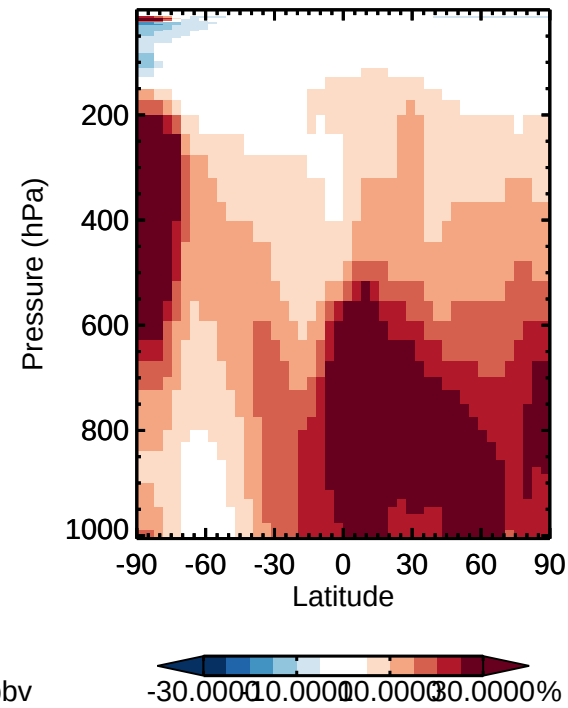
v11-01k-Run0 - v11-01f-geosfp-Run0

BrO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

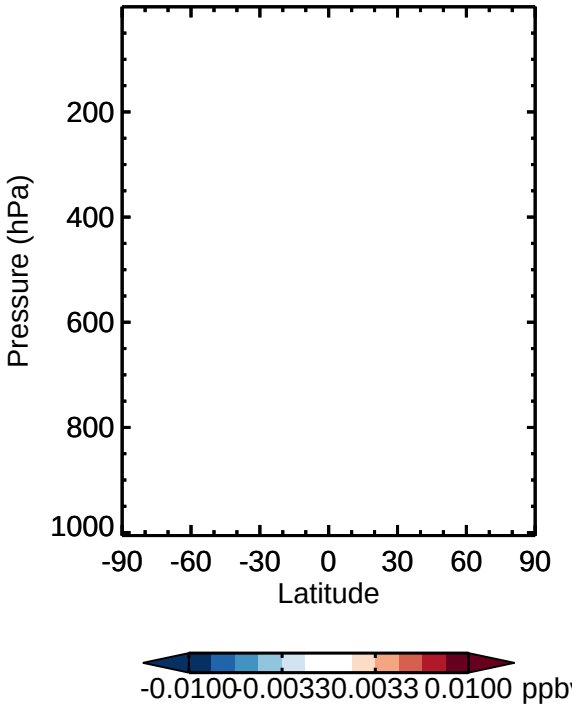
BrO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

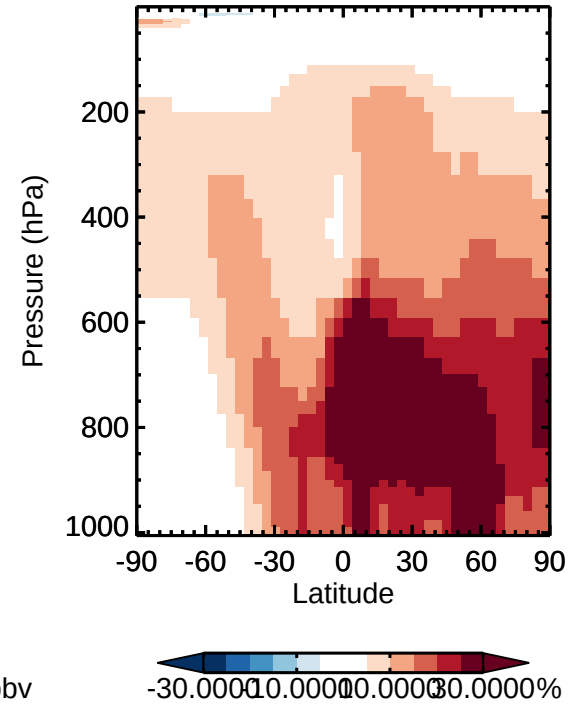
v11-01k-Run0 - v11-01g-Run0

HOBr - Zonal mean abs diff for Jul



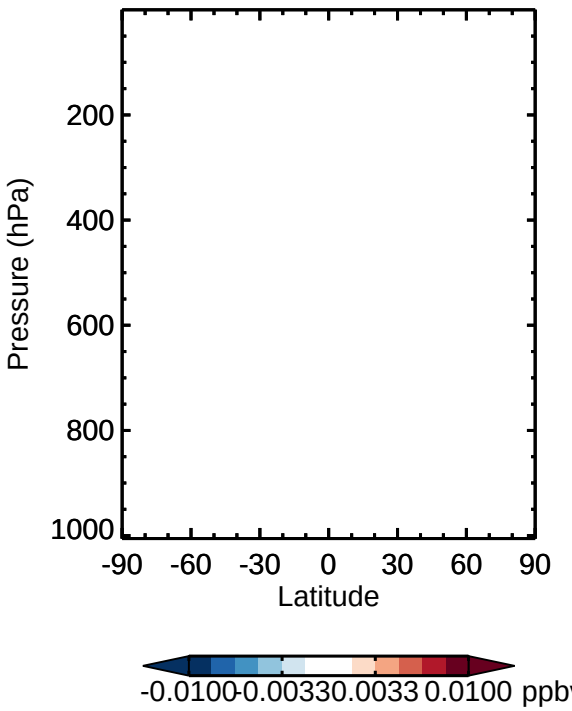
v11-01k-Run0 / v11-01g-Run0

HOBr - Zonal mean % diff for Jul



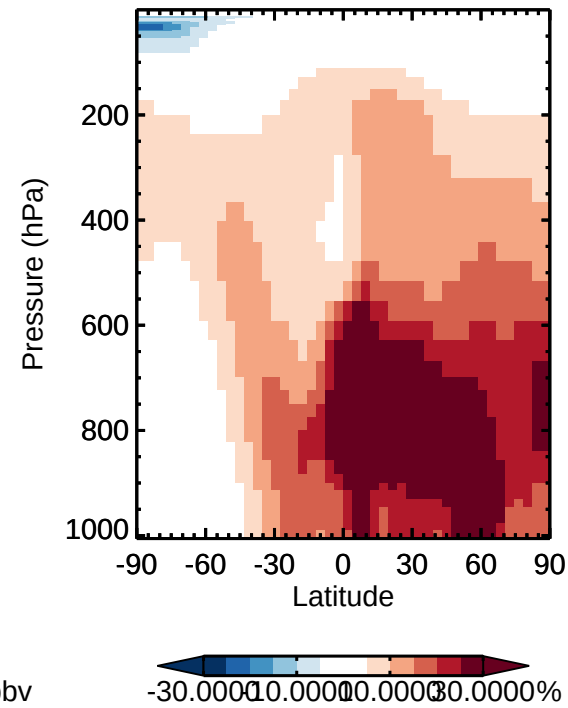
v11-01k-Run0 - v11-01f-geosfp-Run0

HOBr - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

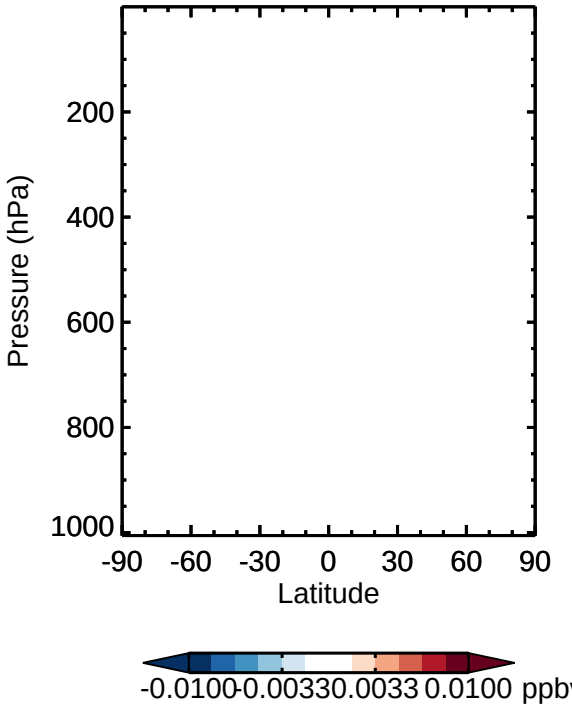
HOBr - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

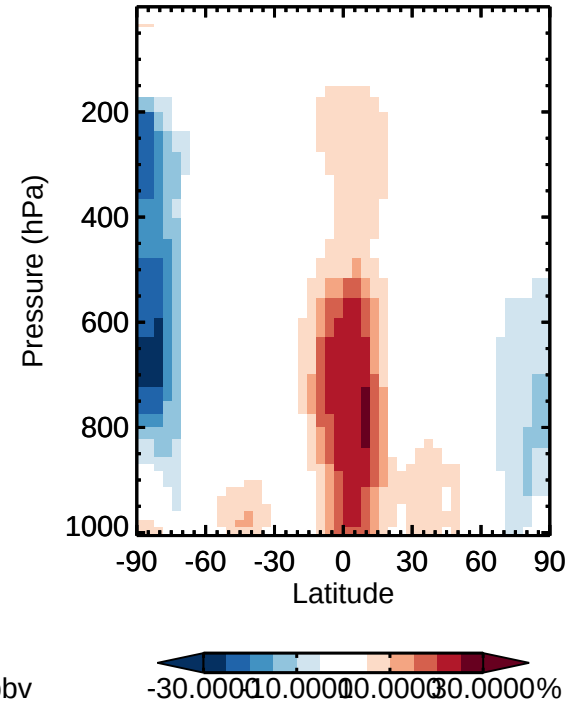
v11-01k-Run0 - v11-01g-Run0

HBr - Zonal mean abs diff for Jul



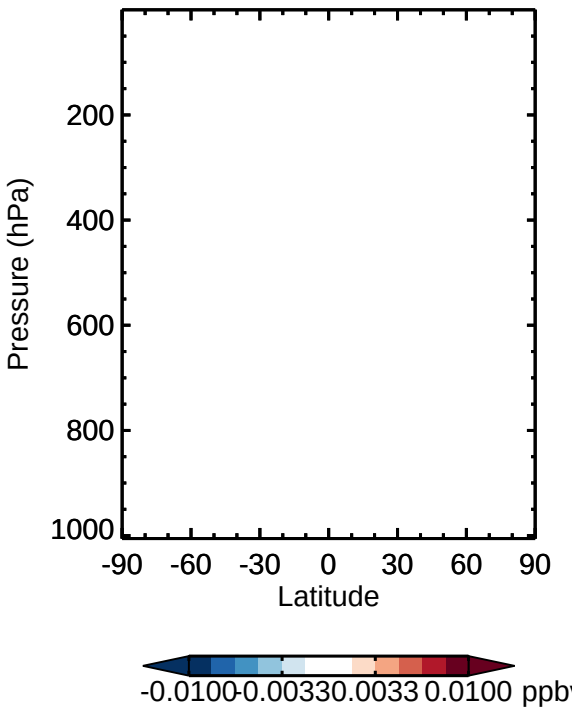
v11-01k-Run0 / v11-01g-Run0

HBr - Zonal mean % diff for Jul



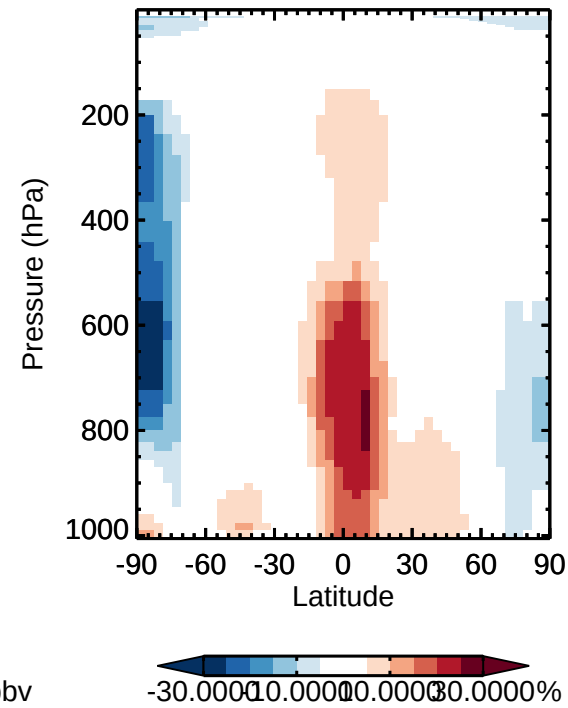
v11-01k-Run0 - v11-01f-geosfp-Run0

HBr - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

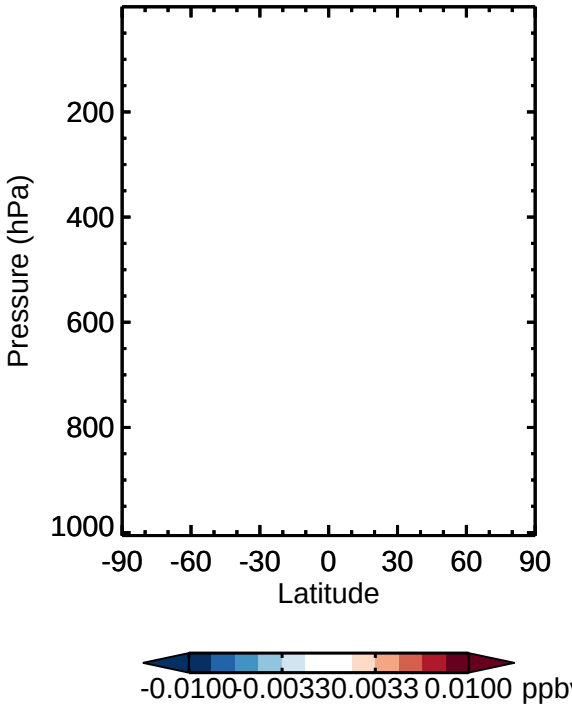
HBr - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

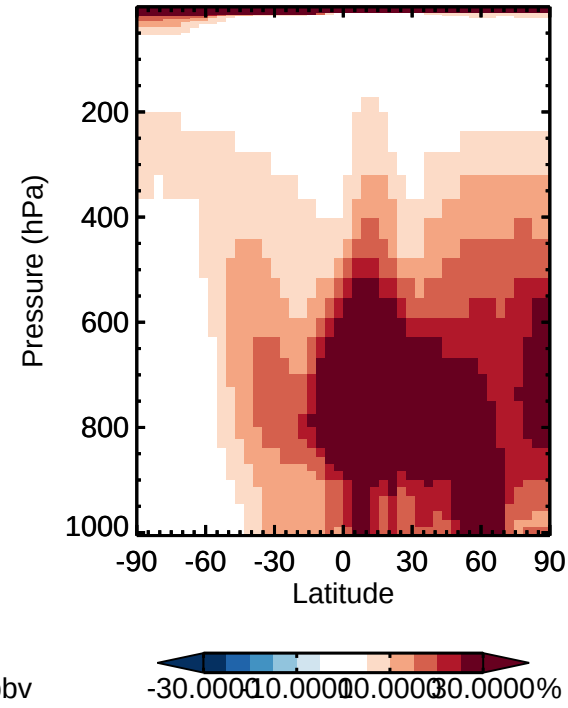
v11-01k-Run0 - v11-01g-Run0

BrNO2 - Zonal mean abs diff for Jul



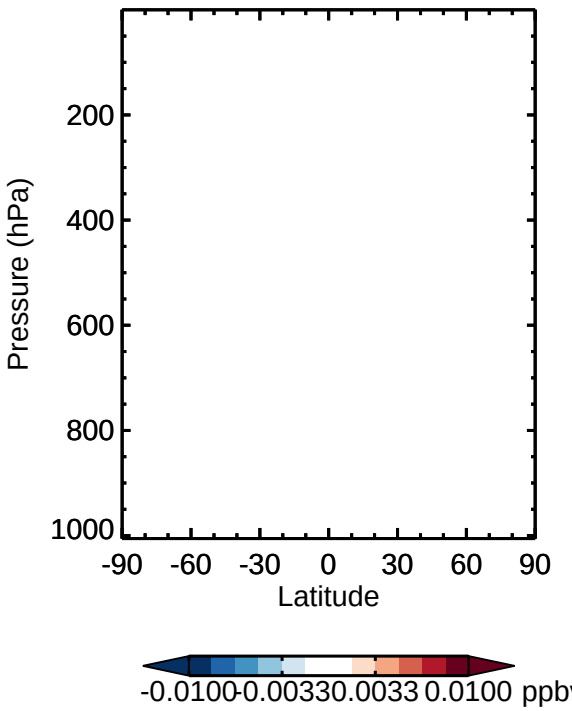
v11-01k-Run0 / v11-01g-Run0

BrNO2 - Zonal mean % diff for Jul



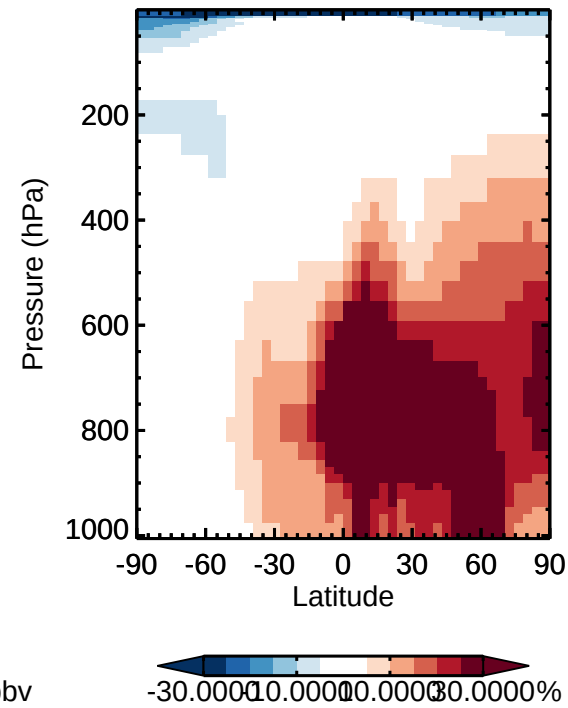
v11-01k-Run0 - v11-01f-geosfp-Run0

BrNO2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

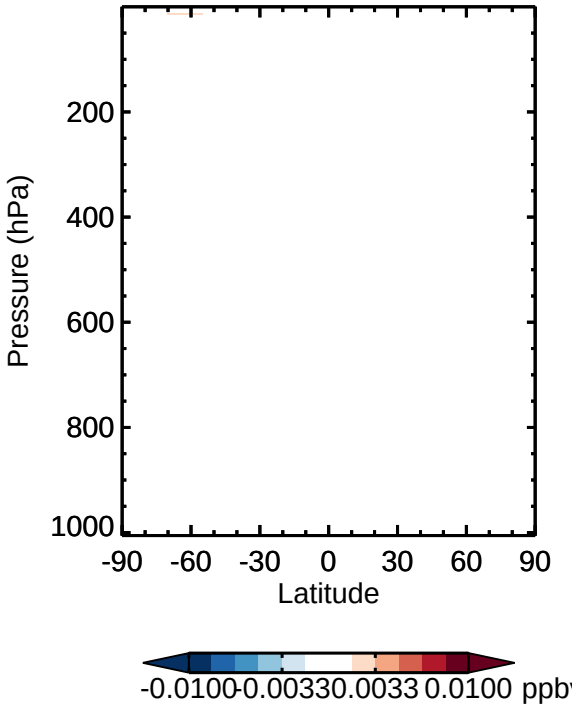
BrNO2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

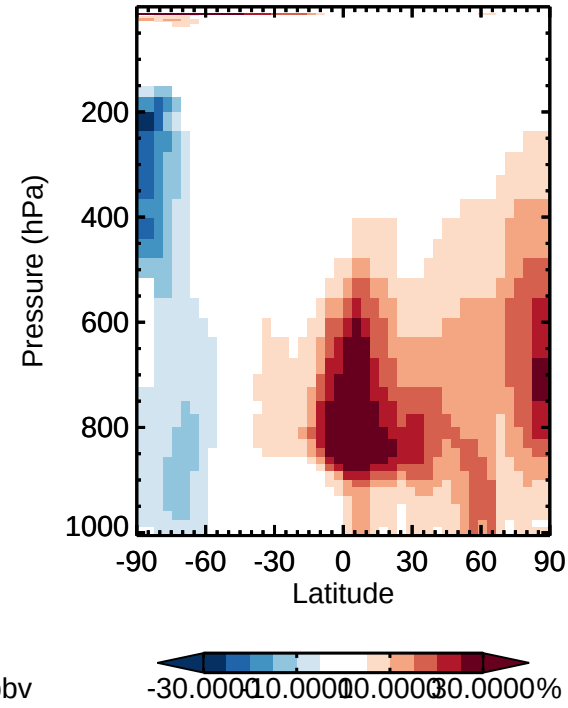
v11-01k-Run0 - v11-01g-Run0

BrNO3 - Zonal mean abs diff for Jul



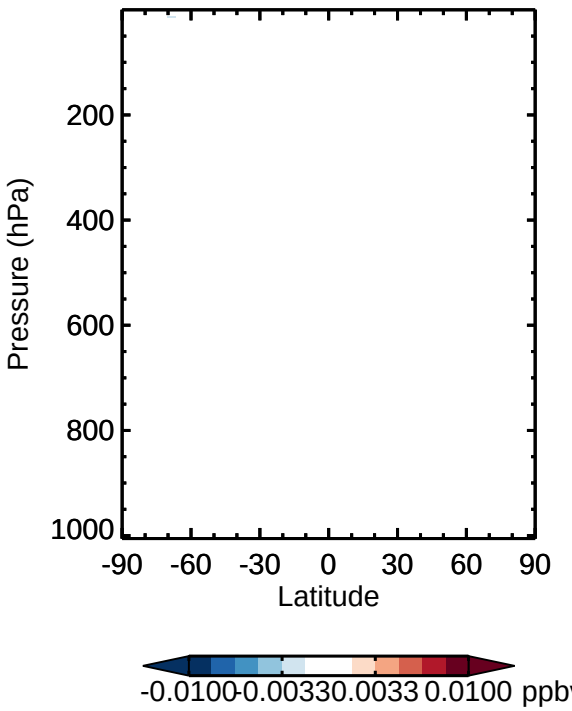
v11-01k-Run0 / v11-01g-Run0

BrNO3 - Zonal mean % diff for Jul



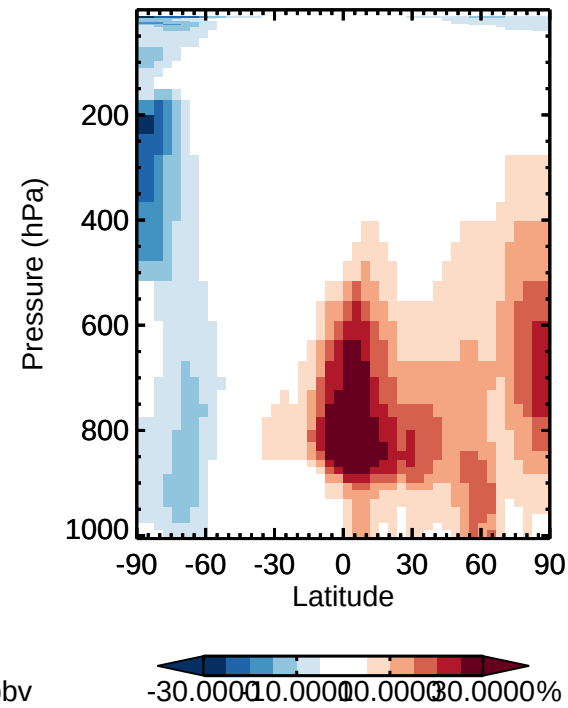
v11-01k-Run0 - v11-01f-geosfp-Run0

BrNO3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

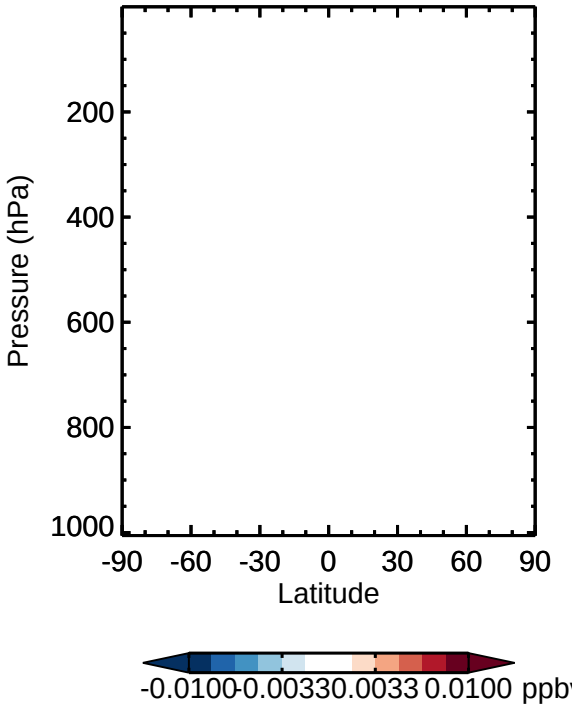
BrNO3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

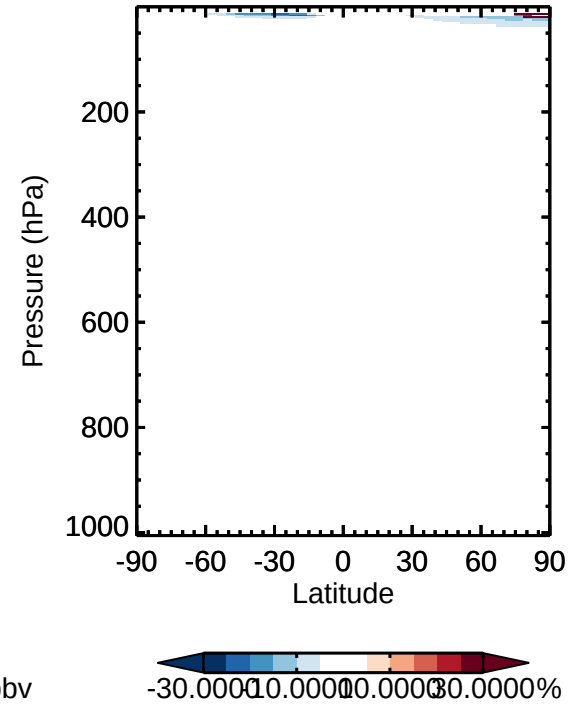
v11-01k-Run0 - v11-01g-Run0

CHBr3 - Zonal mean abs diff for Jul



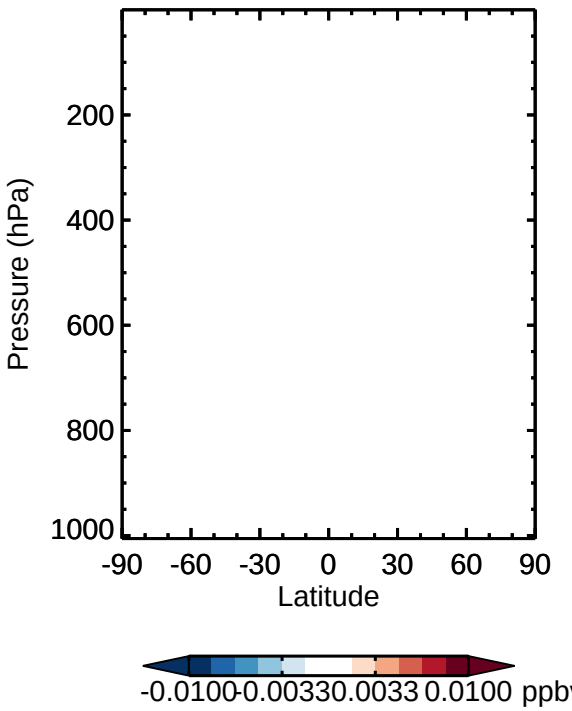
v11-01k-Run0 / v11-01g-Run0

CHBr3 - Zonal mean % diff for Jul



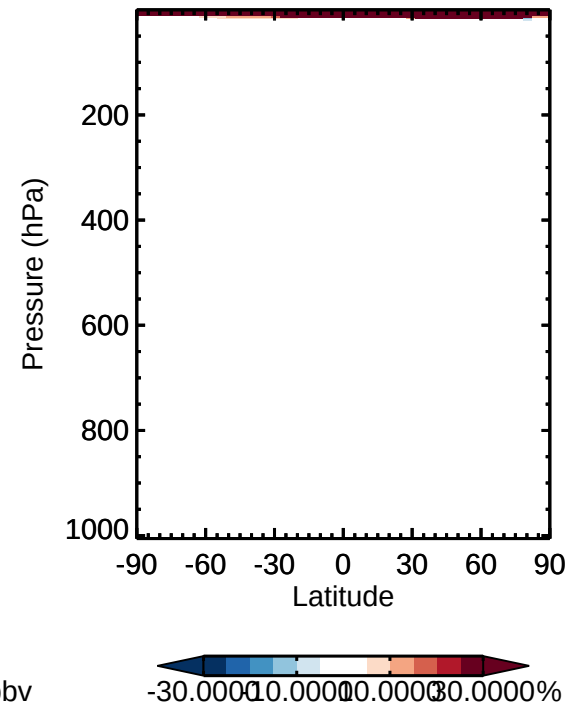
v11-01k-Run0 - v11-01f-geosfp-Run0

CHBr3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

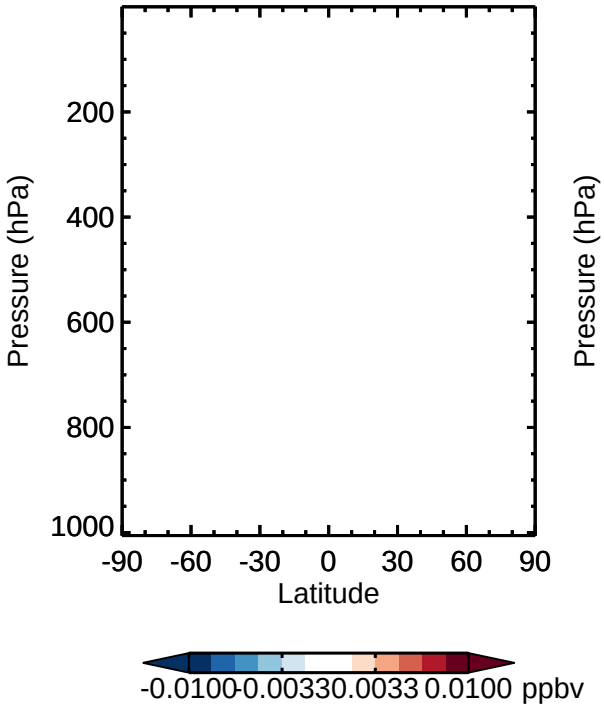
CHBr3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

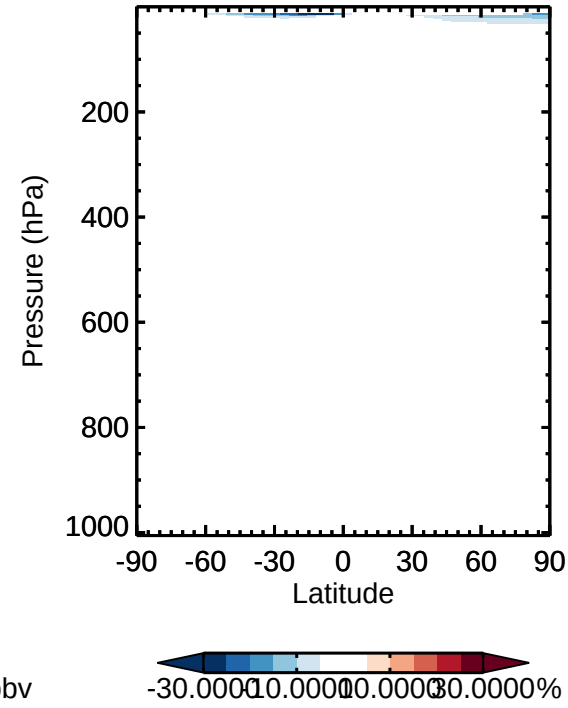
v11-01k-Run0 - v11-01g-Run0

CH2Br2 - Zonal mean abs diff for Jul



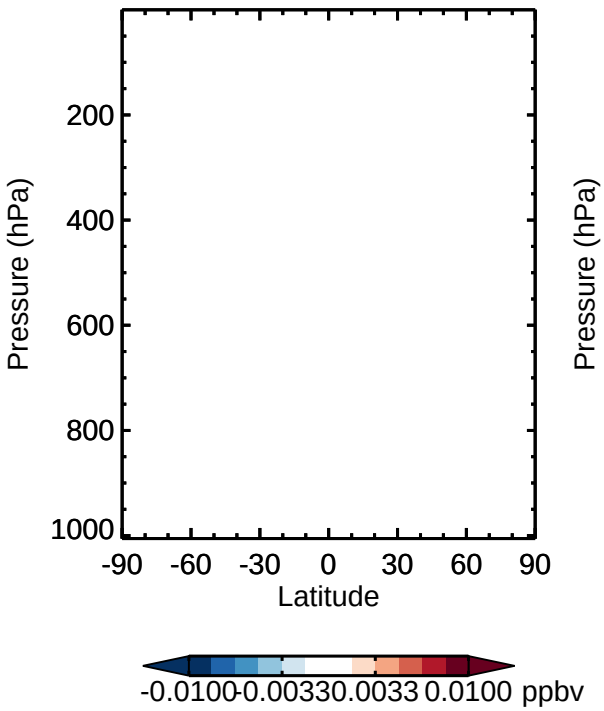
v11-01k-Run0 / v11-01g-Run0

CH2Br2 - Zonal mean % diff for Jul



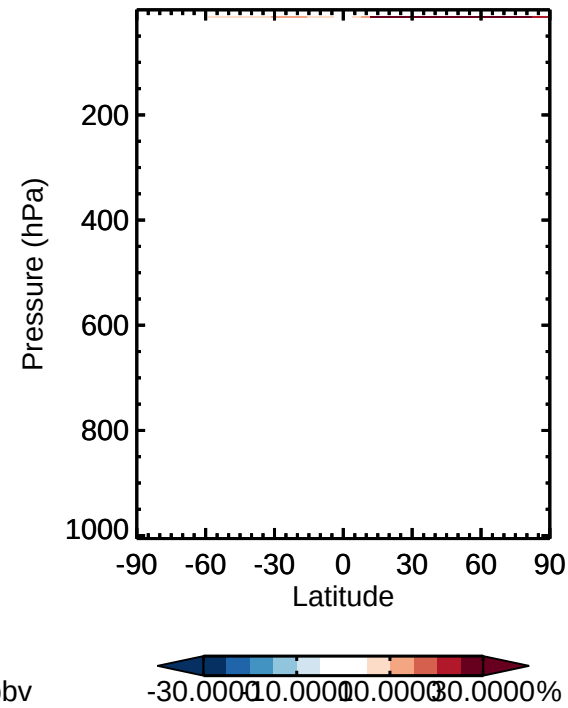
v11-01k-Run0 - v11-01f-geosfp-Run0

CH2Br2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

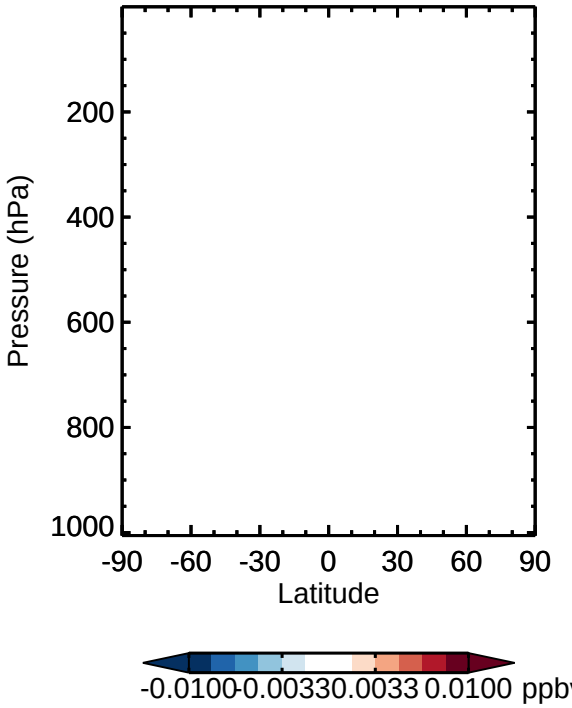
CH2Br2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

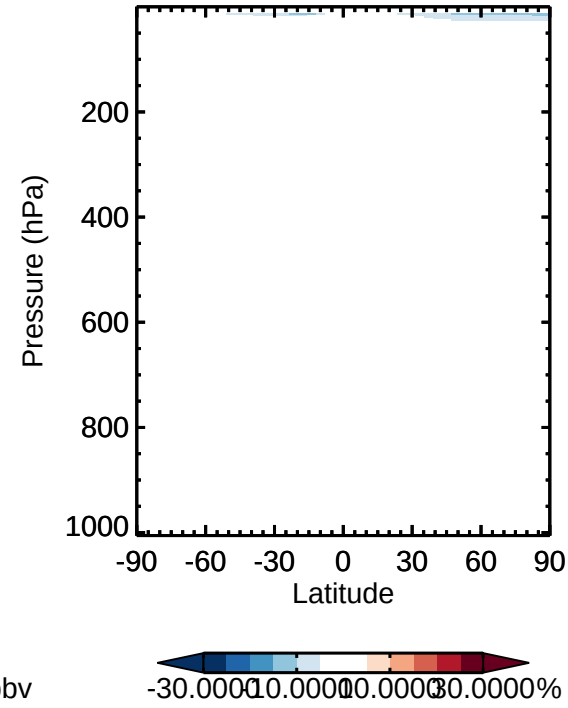
v11-01k-Run0 - v11-01g-Run0

CH3Br - Zonal mean abs diff for Jul



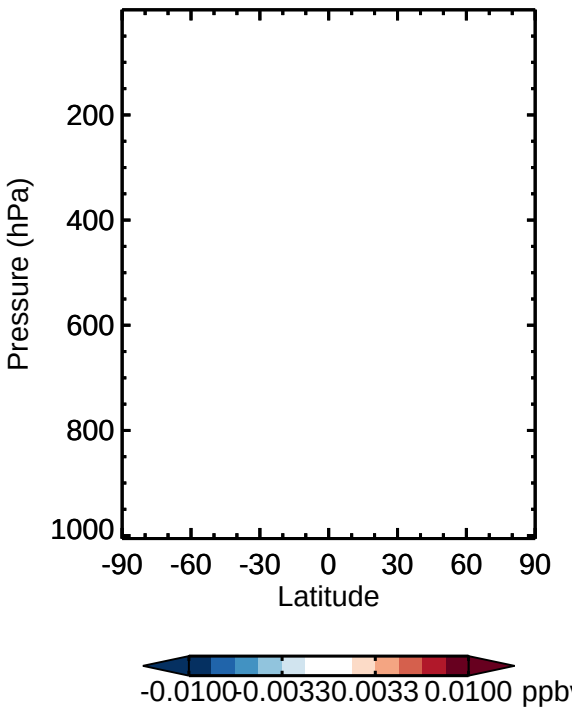
v11-01k-Run0 / v11-01g-Run0

CH3Br - Zonal mean % diff for Jul



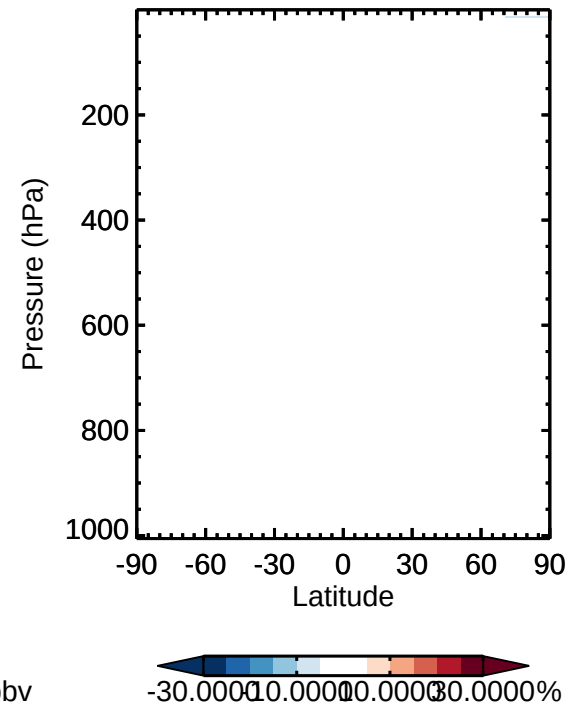
v11-01k-Run0 - v11-01f-geosfp-Run0

CH3Br - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

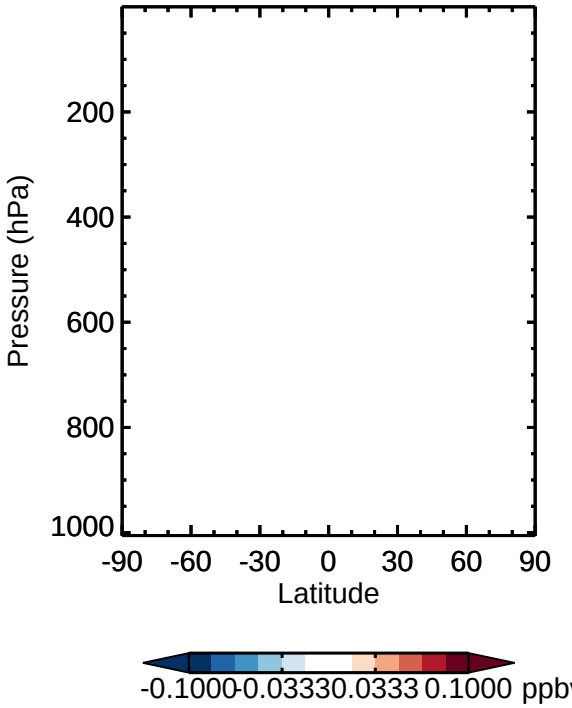
CH3Br - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

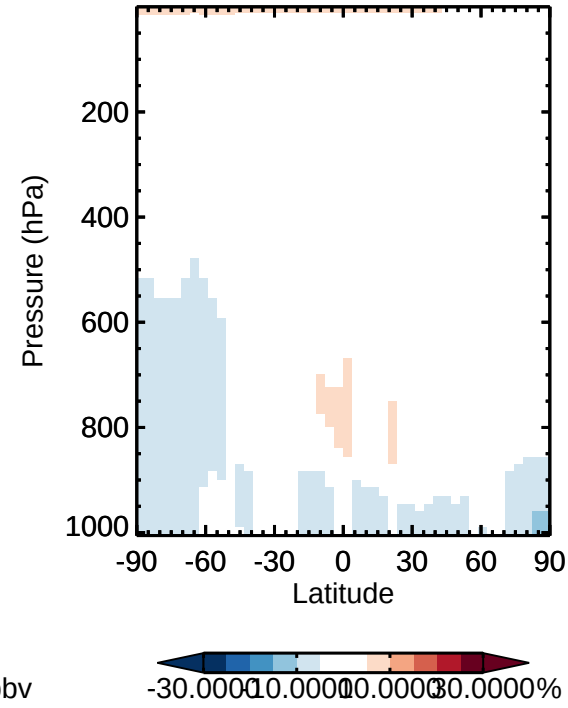
v11-01k-Run0 - v11-01g-Run0

MPN - Zonal mean abs diff for Jul



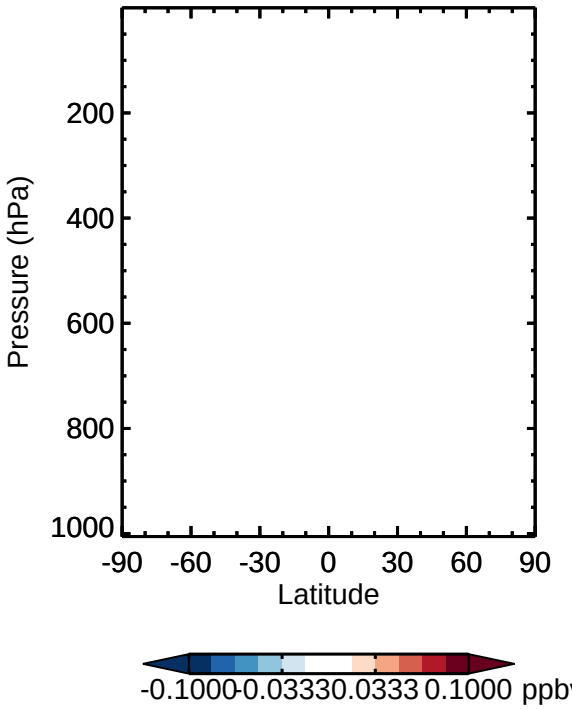
v11-01k-Run0 / v11-01g-Run0

MPN - Zonal mean % diff for Jul



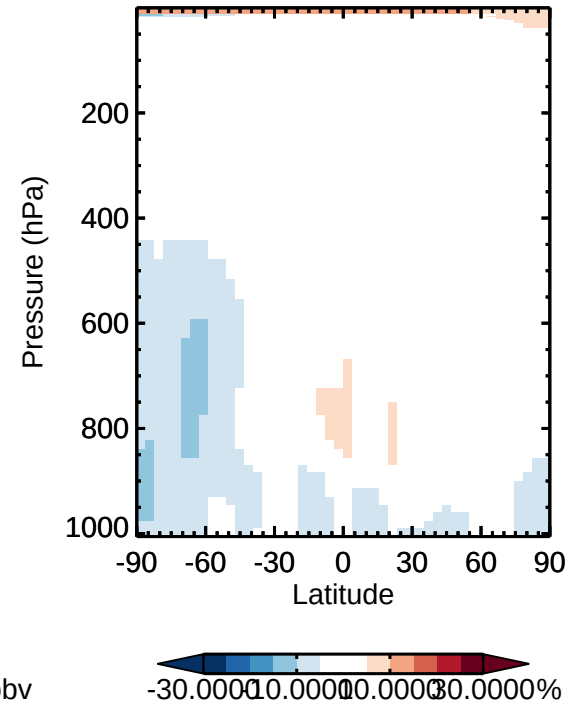
v11-01k-Run0 - v11-01f-geosfp-Run0

MPN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

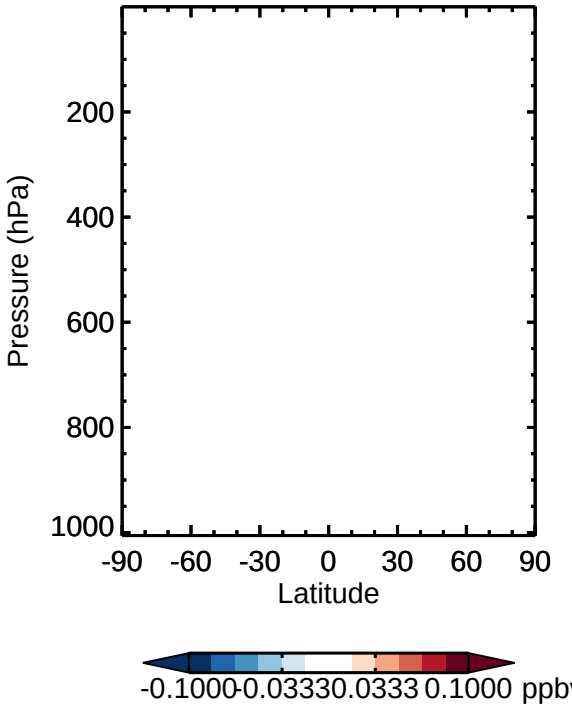
MPN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

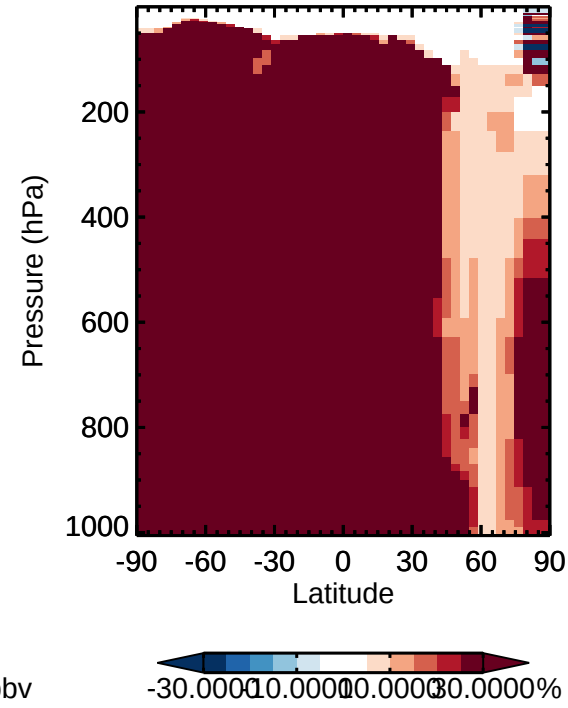
v11-01k-Run0 - v11-01g-Run0

ISOPND - Zonal mean abs diff for Jul



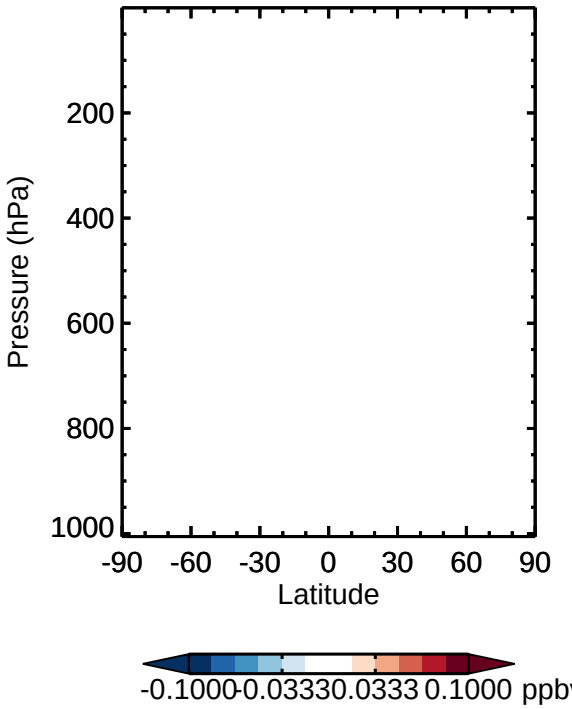
v11-01k-Run0 / v11-01g-Run0

ISOPND - Zonal mean % diff for Jul



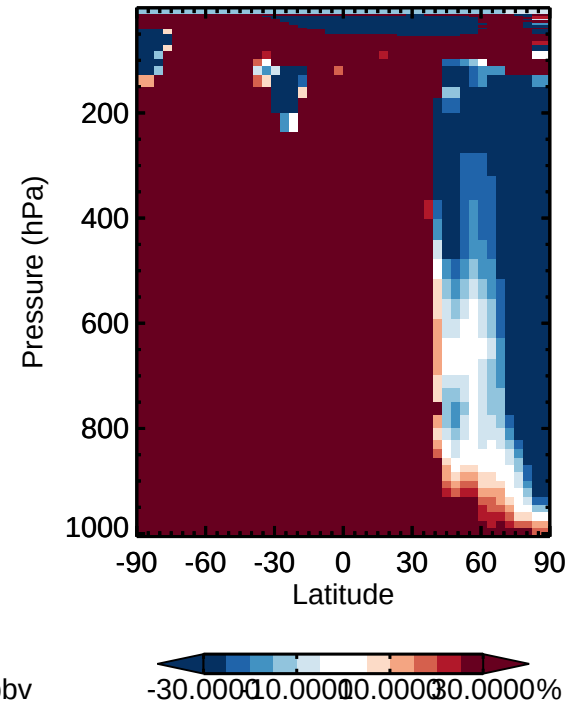
v11-01k-Run0 - v11-01f-geosfp-Run0

ISOPND - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

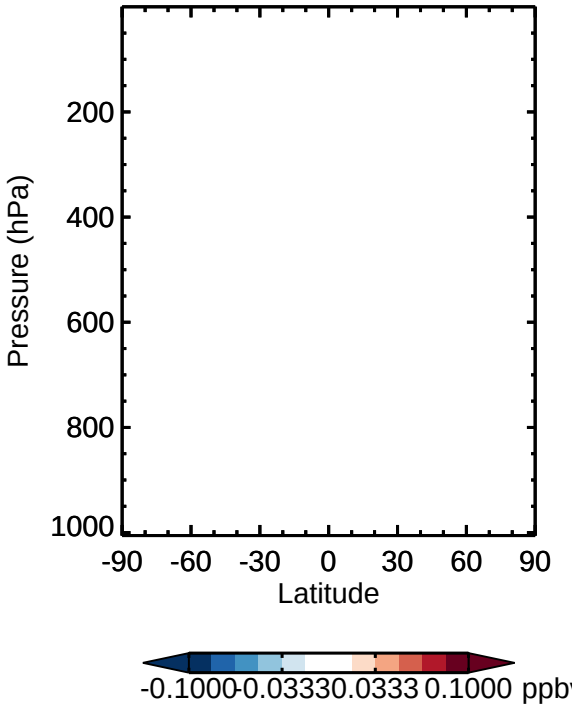
ISOPND - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

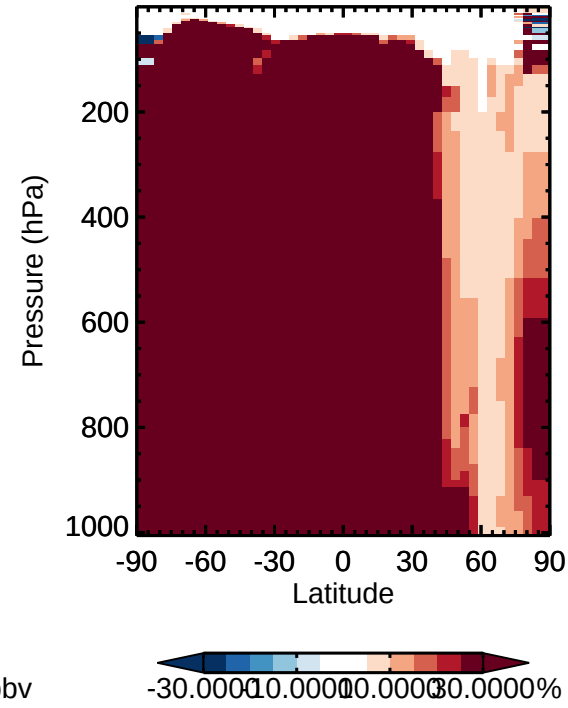
v11-01k-Run0 - v11-01g-Run0

ISOPNB - Zonal mean abs diff for Jul



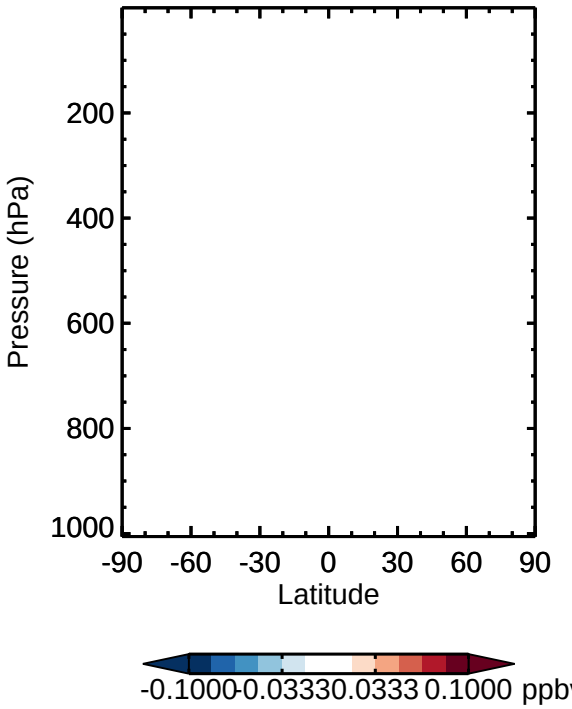
v11-01k-Run0 / v11-01g-Run0

ISOPNB - Zonal mean % diff for Jul



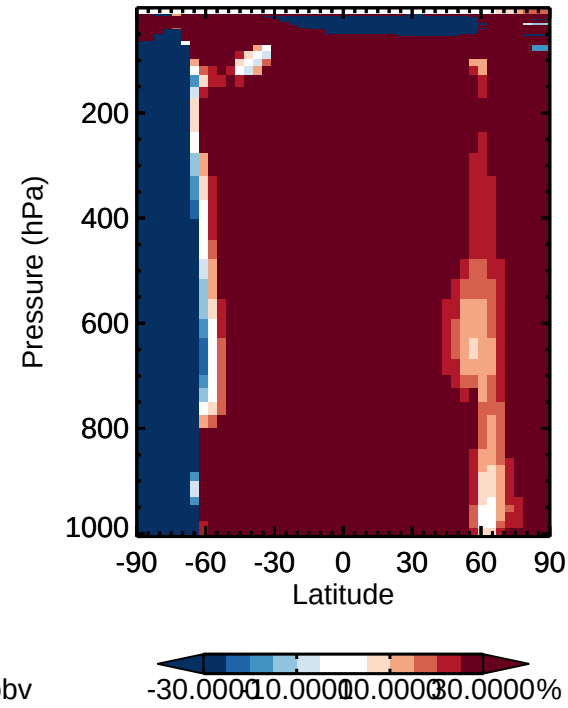
v11-01k-Run0 - v11-01f-geosfp-Run0

ISOPNB - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

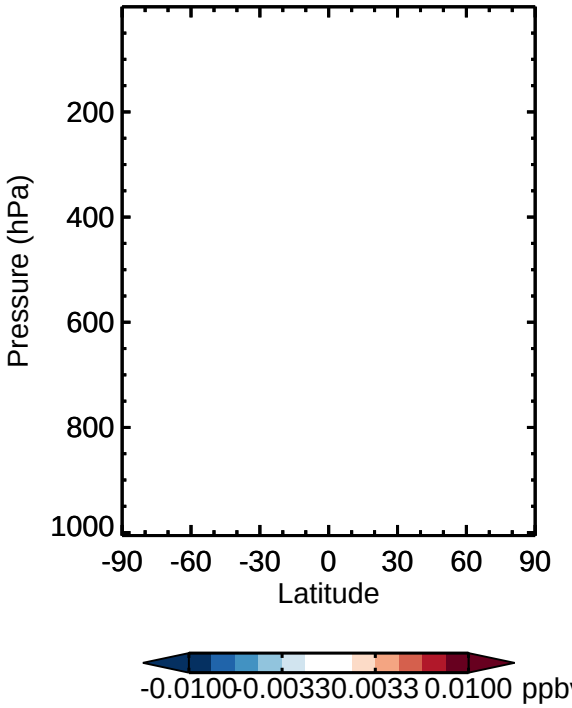
ISOPNB - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

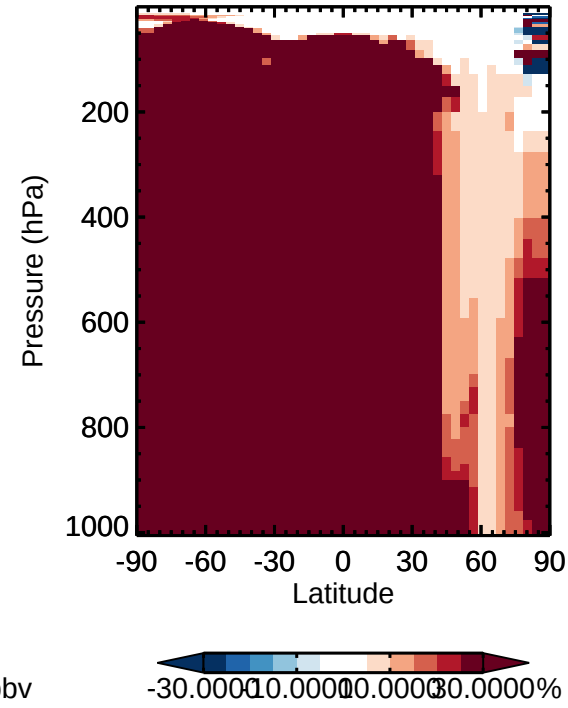
v11-01k-Run0 - v11-01g-Run0

MOBA - Zonal mean abs diff for Jul



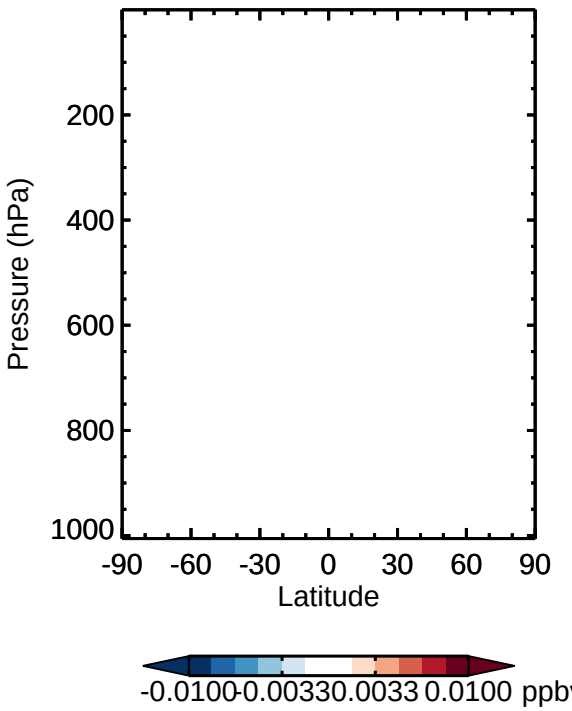
v11-01k-Run0 / v11-01g-Run0

MOBA - Zonal mean % diff for Jul



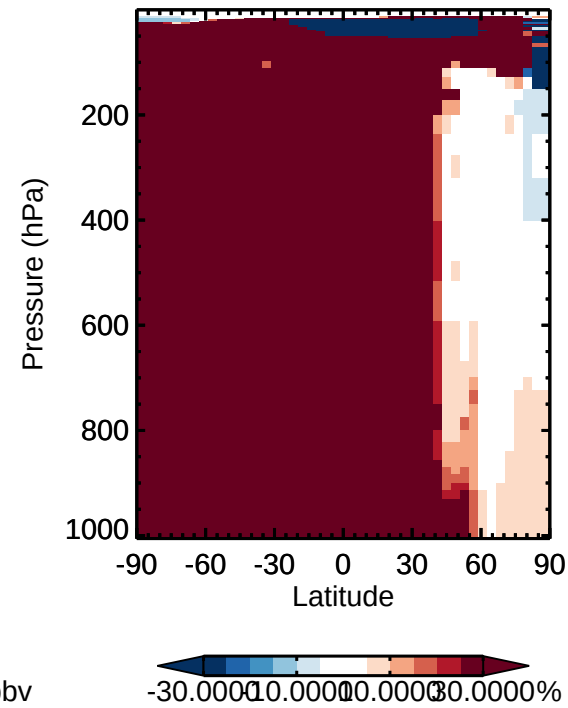
v11-01k-Run0 - v11-01f-geosfp-Run0

MOBA - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

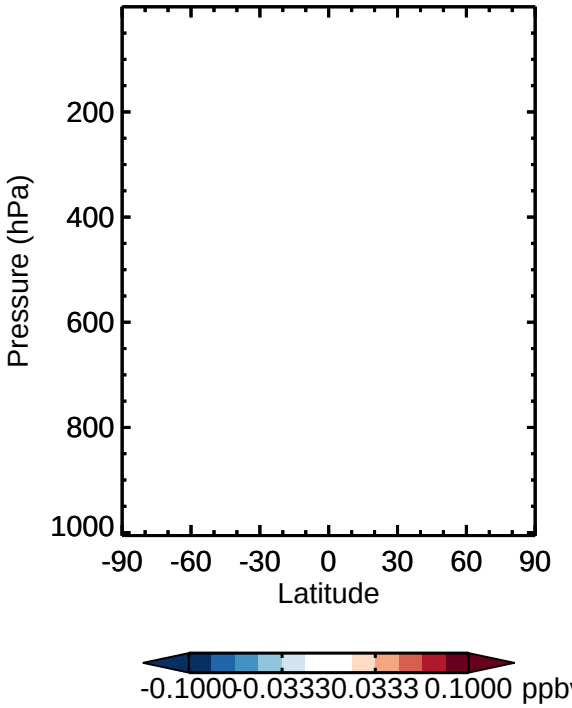
MOBA - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

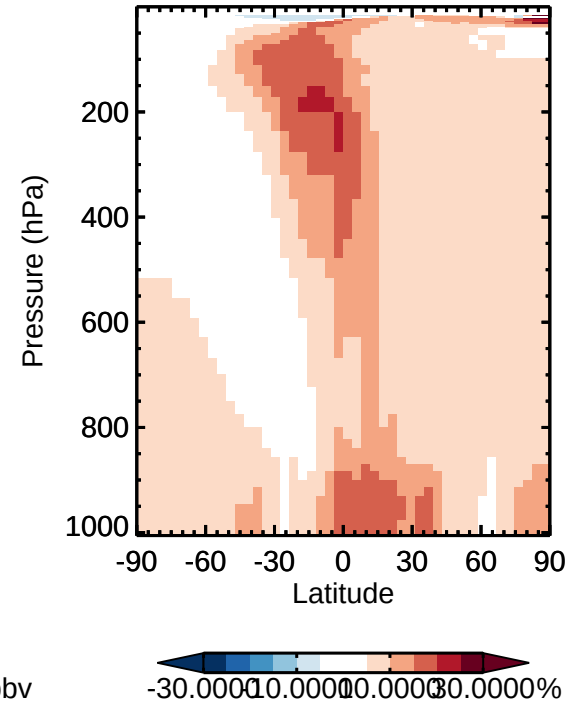
v11-01k-Run0 - v11-01g-Run0

PROPNN - Zonal mean abs diff for Jul



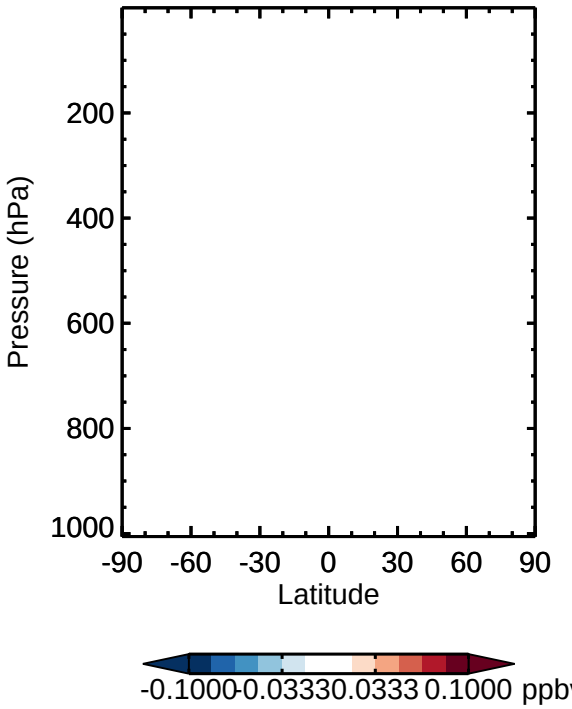
v11-01k-Run0 / v11-01g-Run0

PROPNN - Zonal mean % diff for Jul



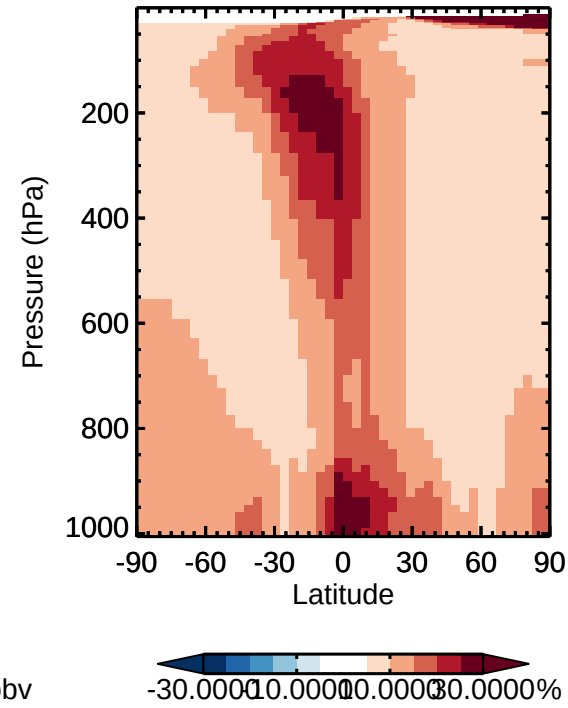
v11-01k-Run0 - v11-01f-geosfp-Run0

PROPNN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

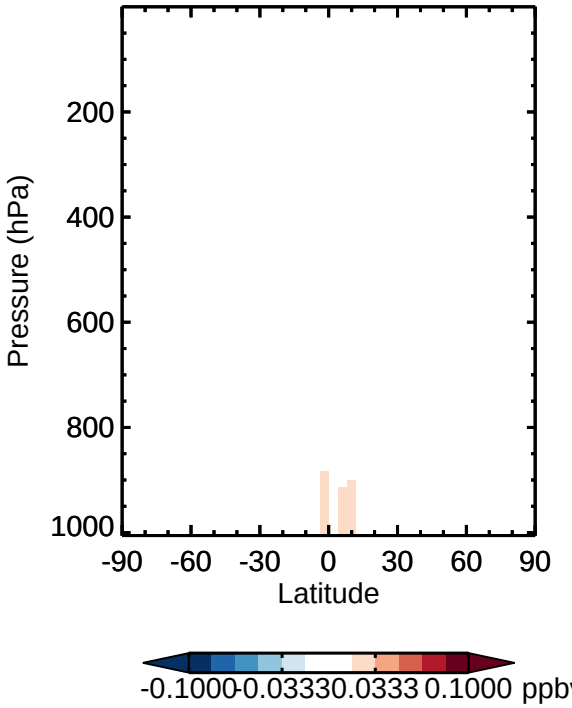
PROPNN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

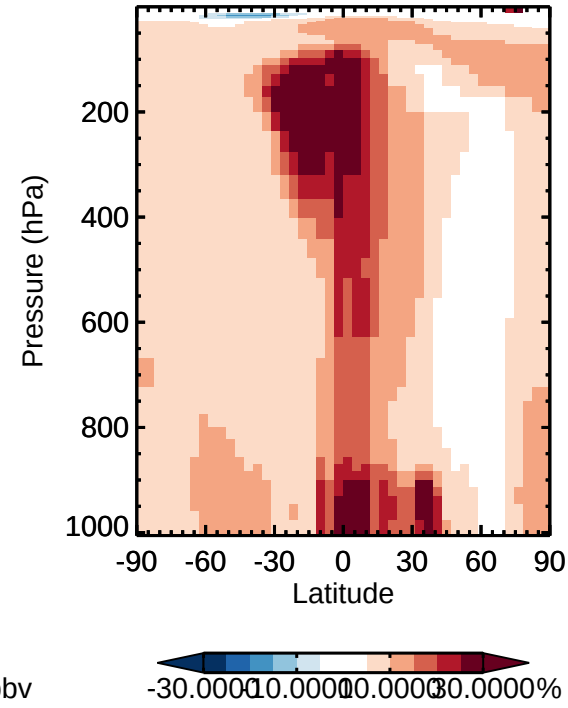
v11-01k-Run0 - v11-01g-Run0

HAC - Zonal mean abs diff for Jul



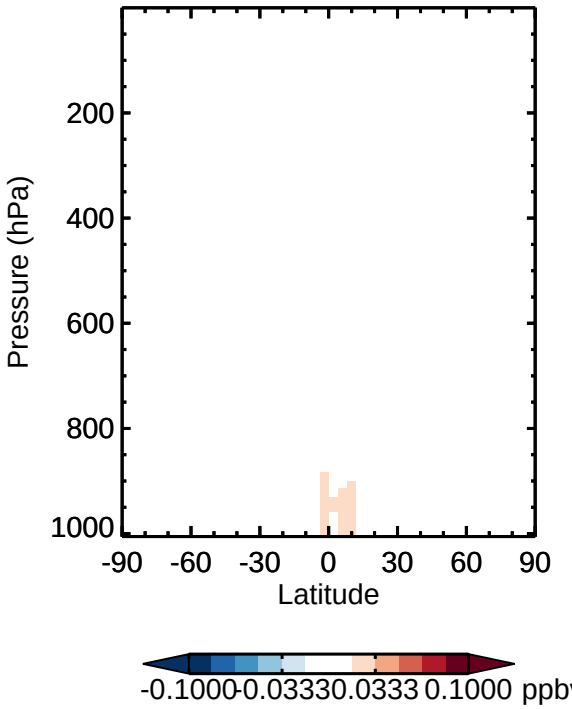
v11-01k-Run0 / v11-01g-Run0

HAC - Zonal mean % diff for Jul



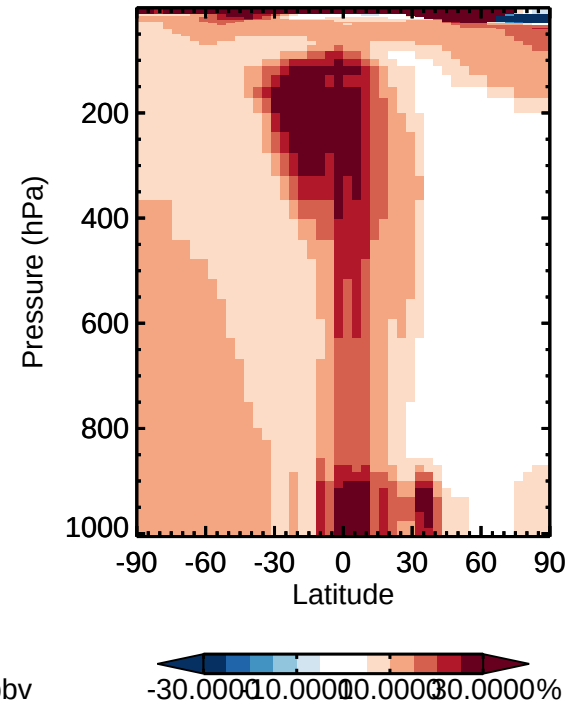
v11-01k-Run0 - v11-01f-geosfp-Run0

HAC - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

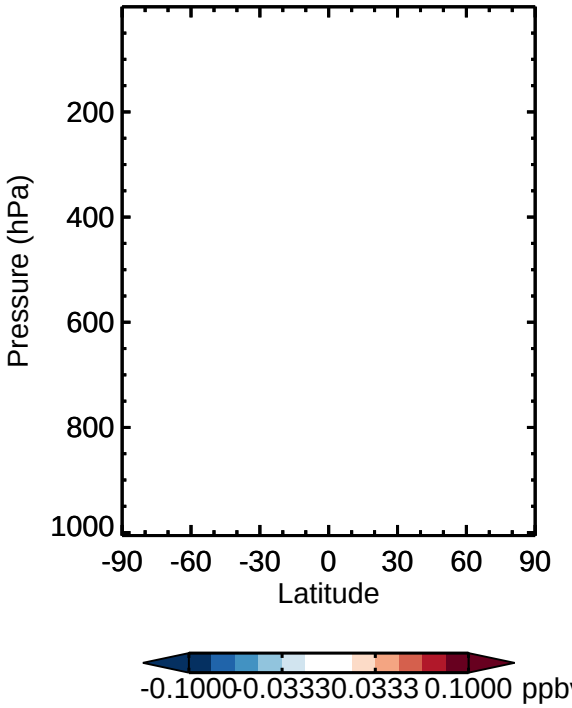
HAC - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

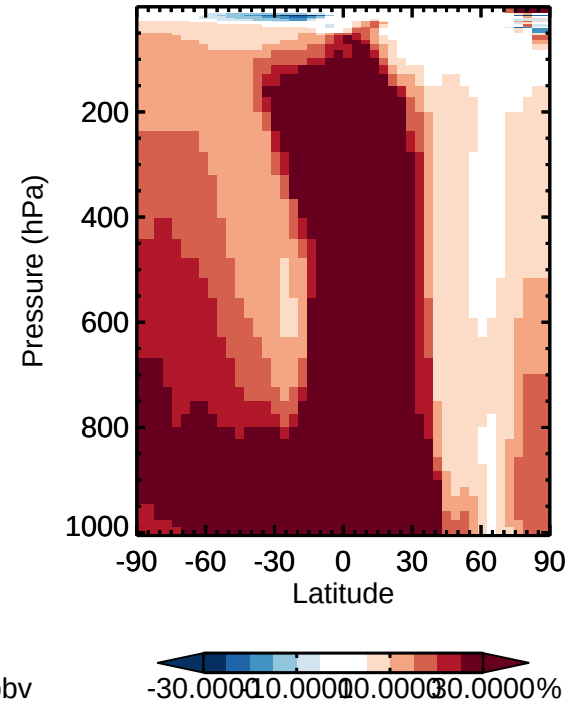
v11-01k-Run0 - v11-01g-Run0

GLYC - Zonal mean abs diff for Jul



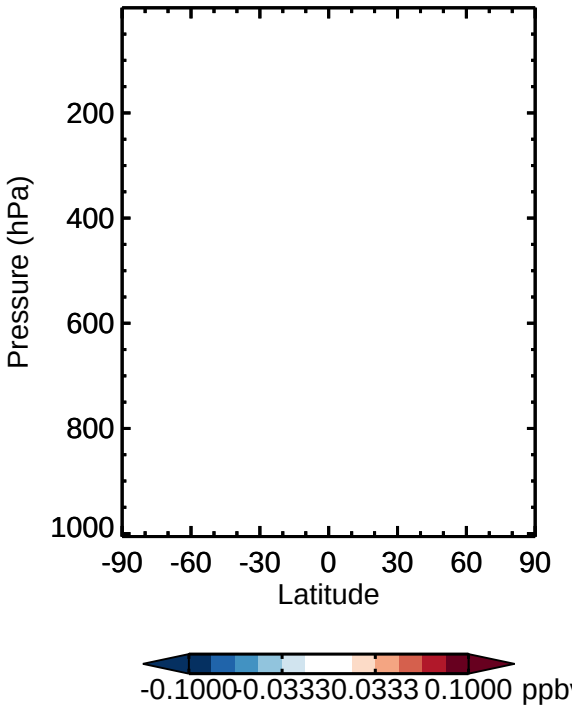
v11-01k-Run0 / v11-01g-Run0

GLYC - Zonal mean % diff for Jul



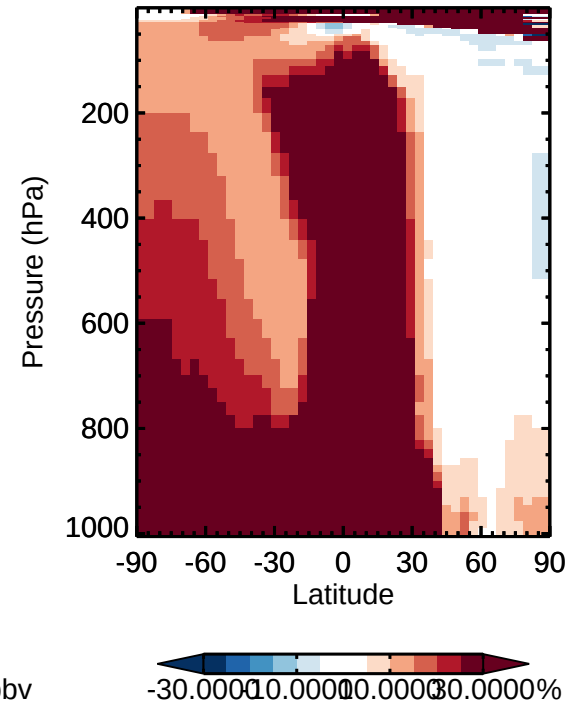
v11-01k-Run0 - v11-01f-geosfp-Run0

GLYC - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

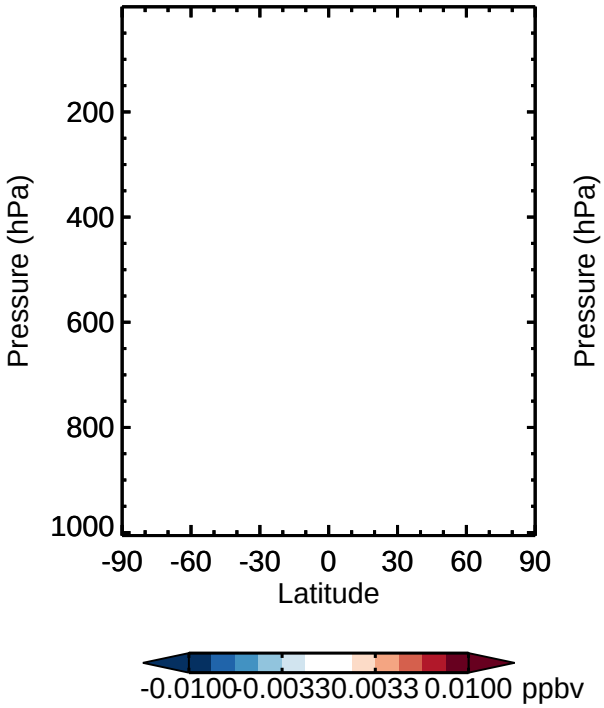
GLYC - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

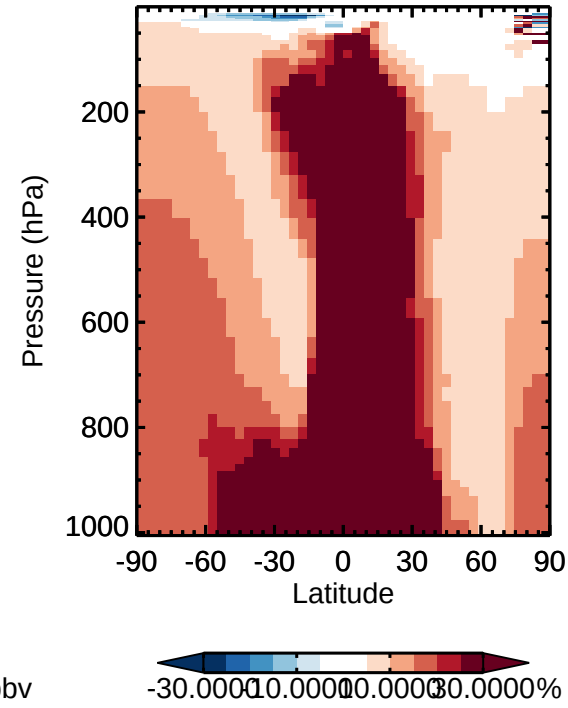
v11-01k-Run0 - v11-01g-Run0

MVKN - Zonal mean abs diff for Jul



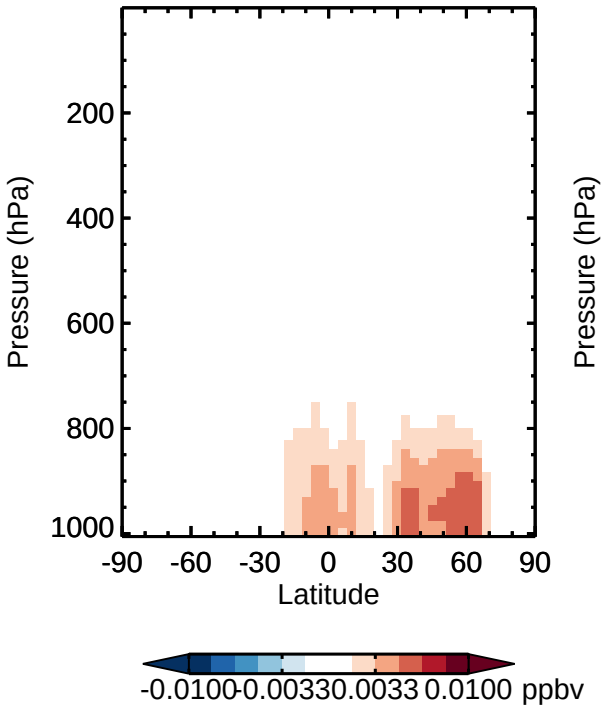
v11-01k-Run0 / v11-01g-Run0

MVKN - Zonal mean % diff for Jul



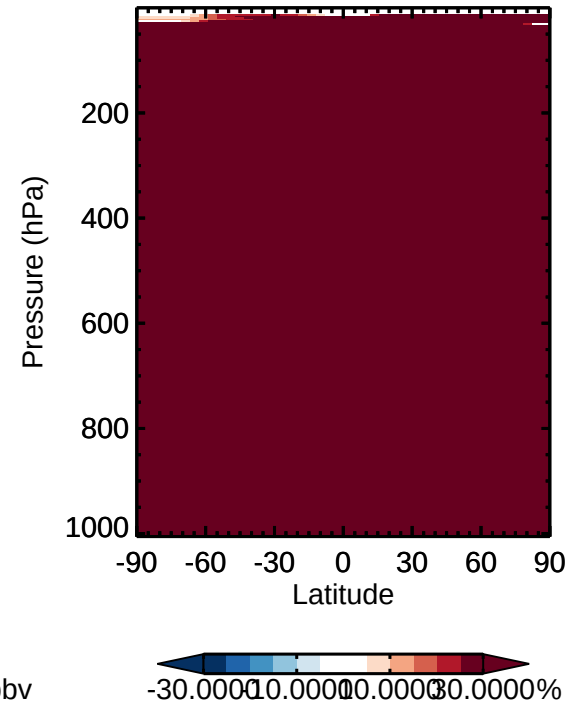
v11-01k-Run0 - v11-01f-geosfp-Run0

MVKN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

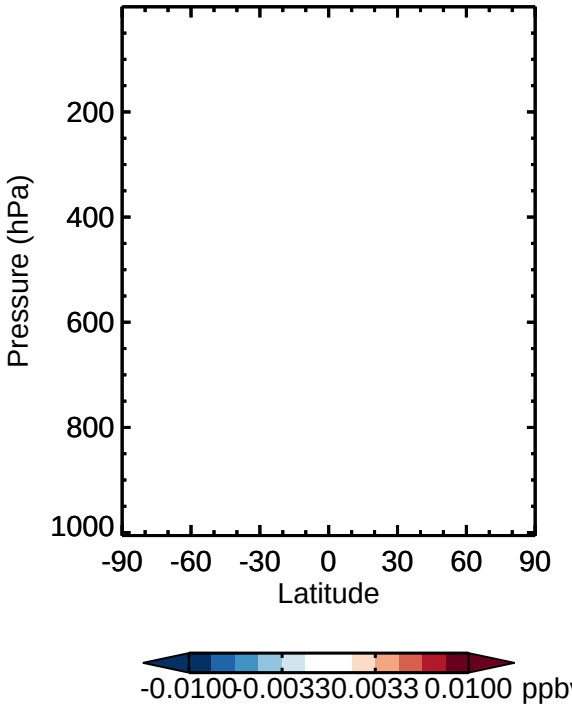
MVKN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

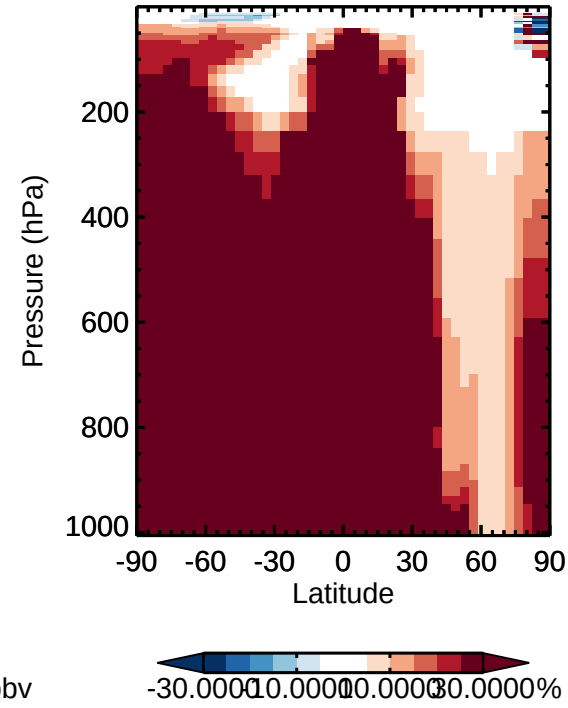
v11-01k-Run0 - v11-01g-Run0

MACRN - Zonal mean abs diff for Jul



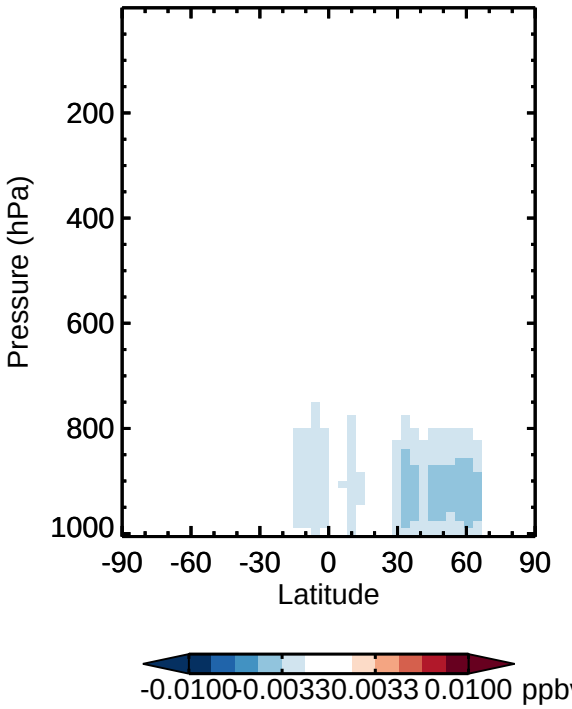
v11-01k-Run0 / v11-01g-Run0

MACRN - Zonal mean % diff for Jul



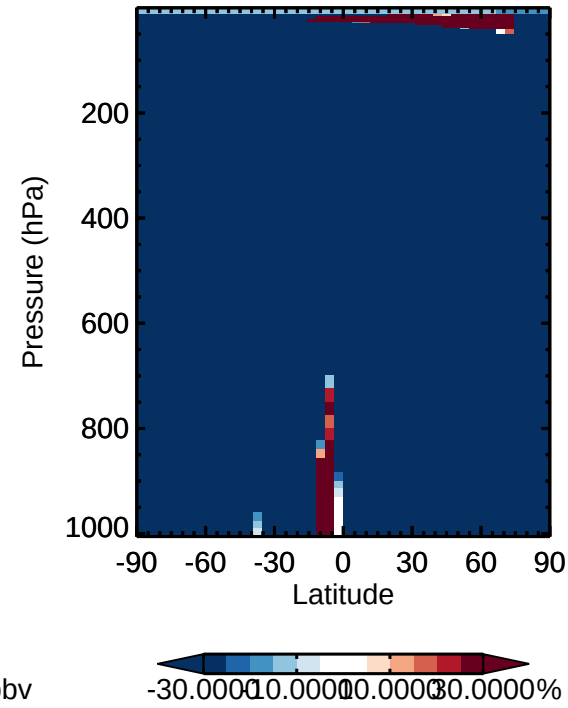
v11-01k-Run0 - v11-01f-geosfp-Run0

MACRN - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

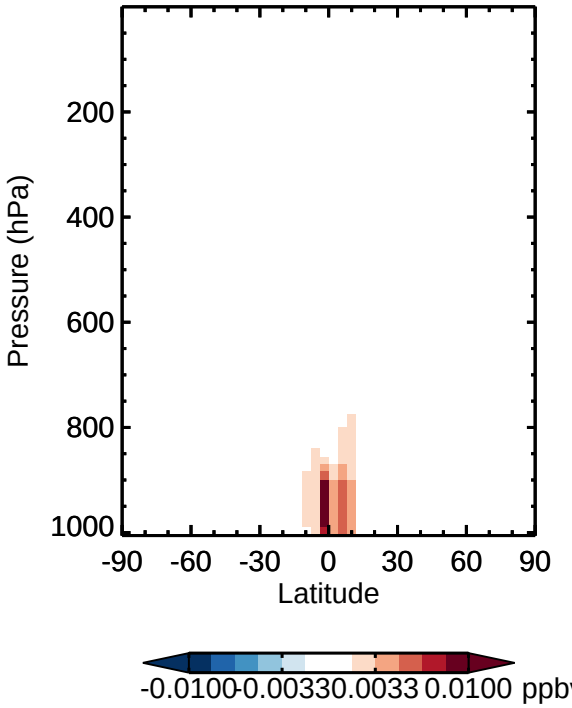
MACRN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

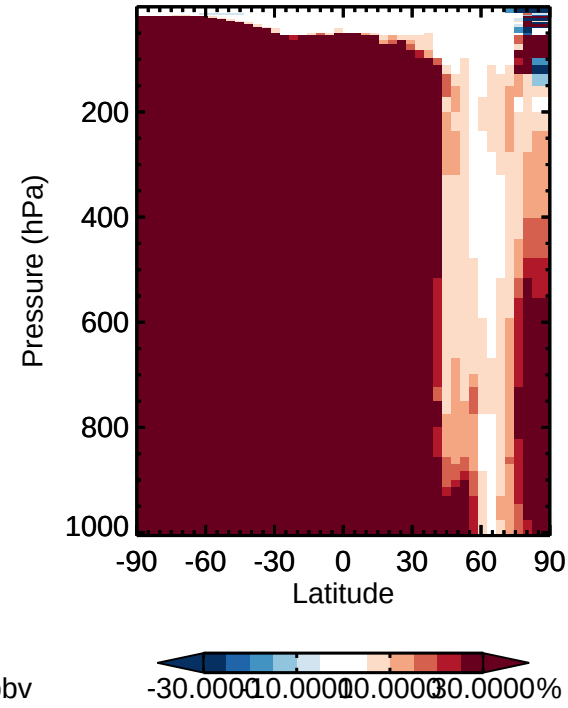
v11-01k-Run0 - v11-01g-Run0

RIP - Zonal mean abs diff for Jul



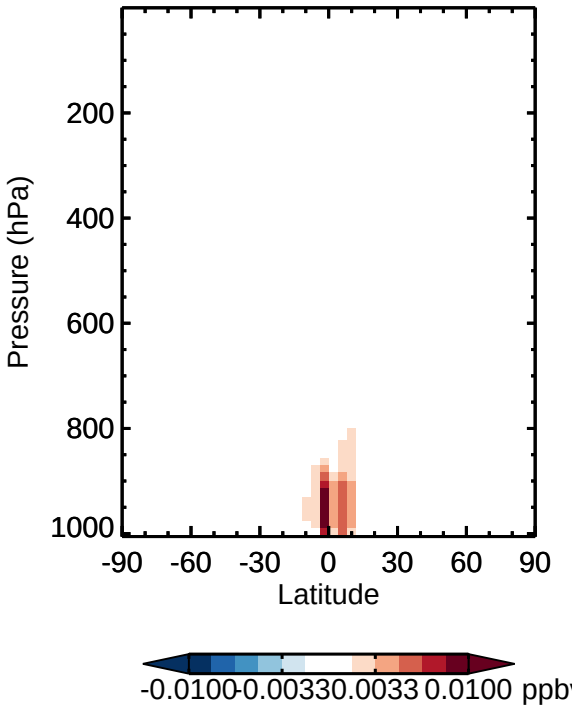
v11-01k-Run0 / v11-01g-Run0

RIP - Zonal mean % diff for Jul



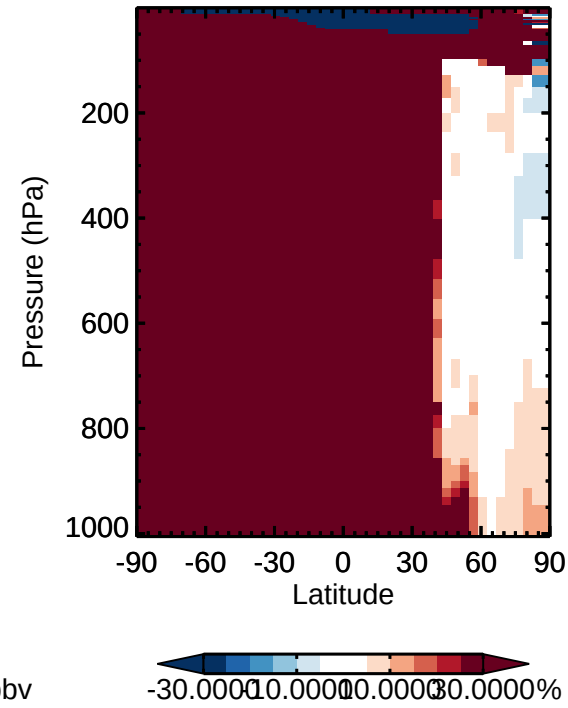
v11-01k-Run0 - v11-01f-geosfp-Run0

RIP - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

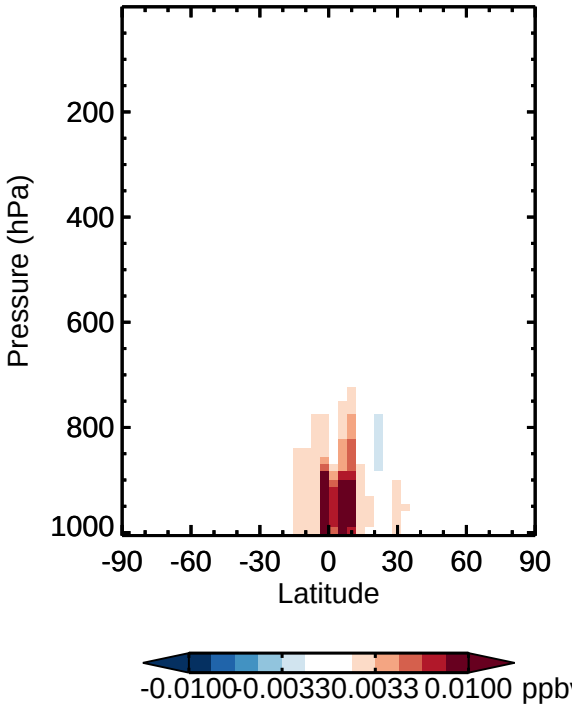
RIP - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

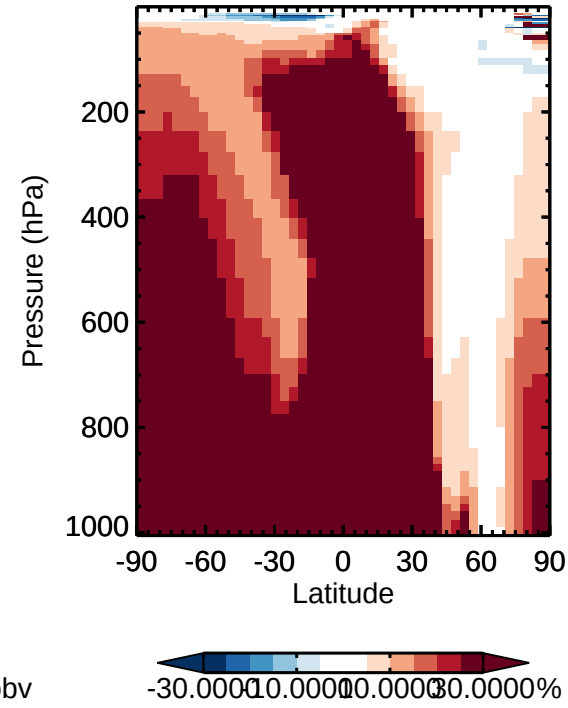
v11-01k-Run0 - v11-01g-Run0

IEPOX - Zonal mean abs diff for Jul



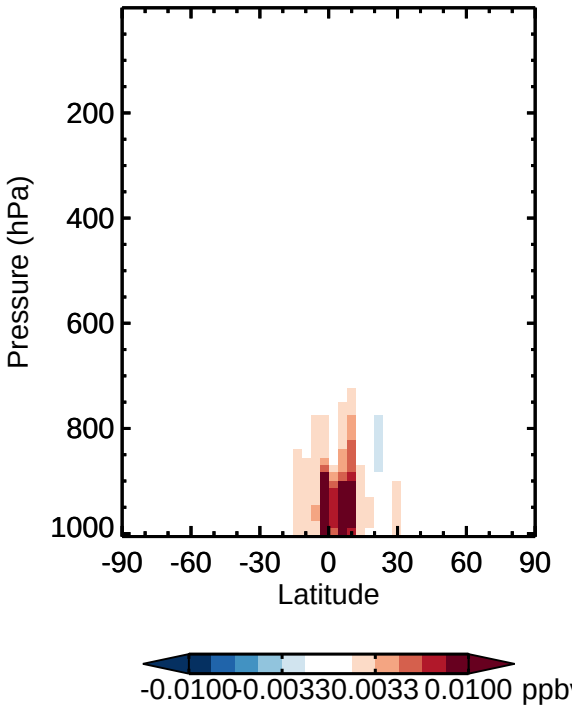
v11-01k-Run0 / v11-01g-Run0

IEPOX - Zonal mean % diff for Jul



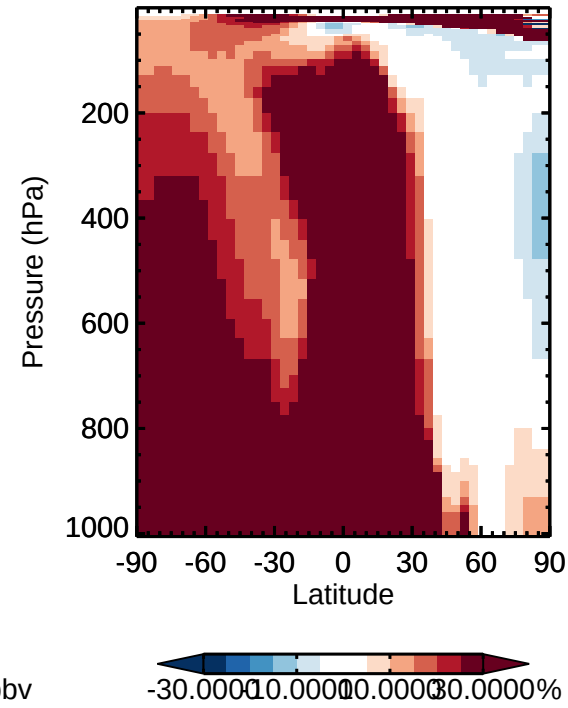
v11-01k-Run0 - v11-01f-geosfp-Run0

IEPOX - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

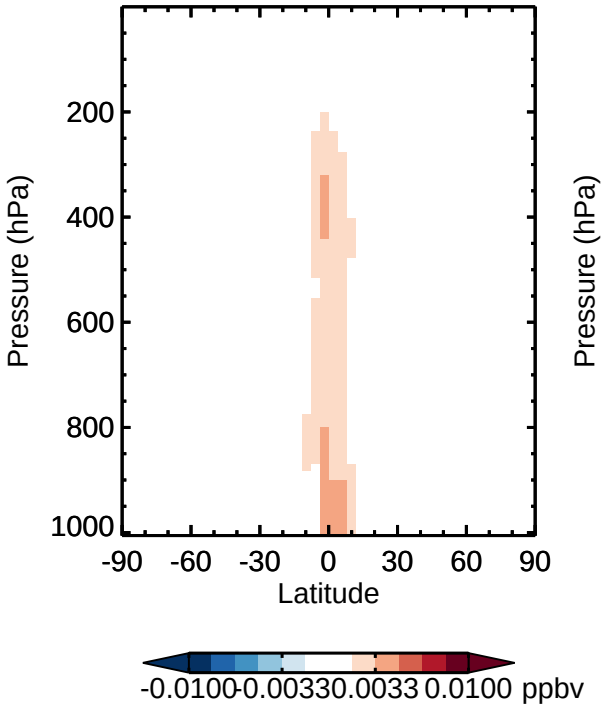
IEPOX - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

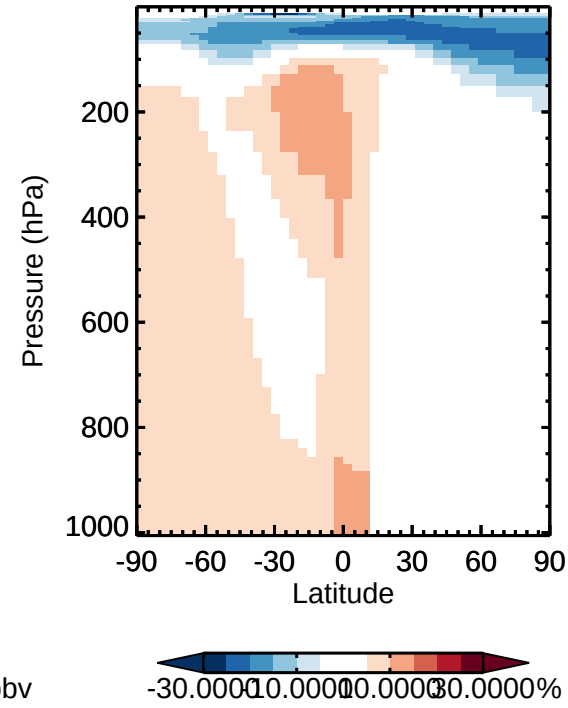
v11-01k-Run0 - v11-01g-Run0

MAP - Zonal mean abs diff for Jul



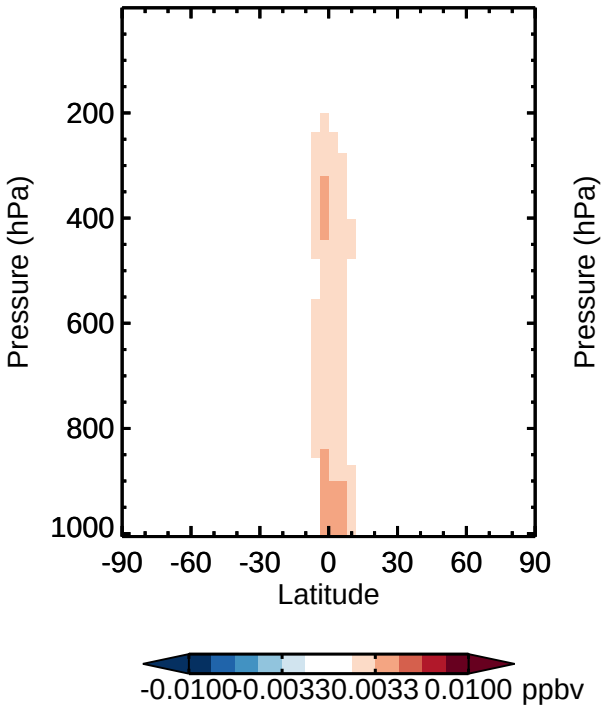
v11-01k-Run0 / v11-01g-Run0

MAP - Zonal mean % diff for Jul



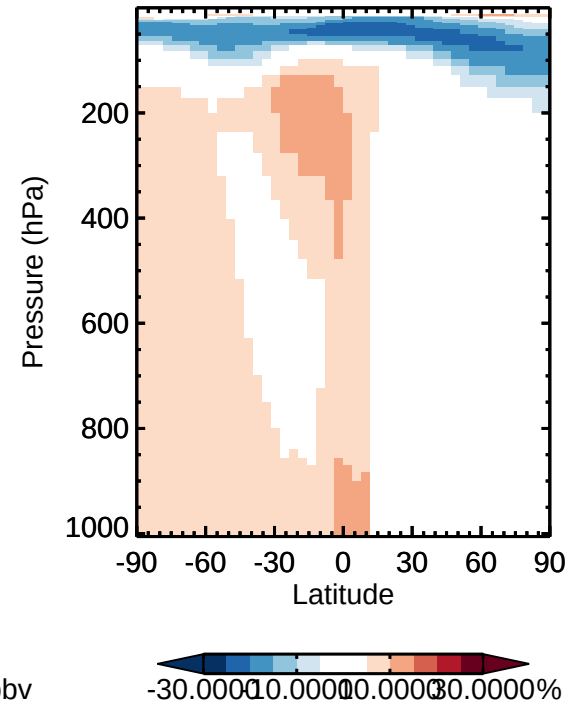
v11-01k-Run0 - v11-01f-geosfp-Run0

MAP - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

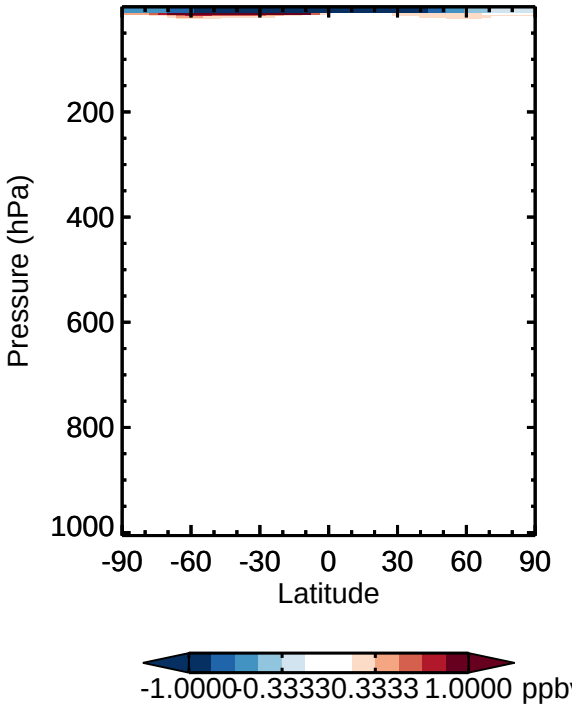
MAP - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

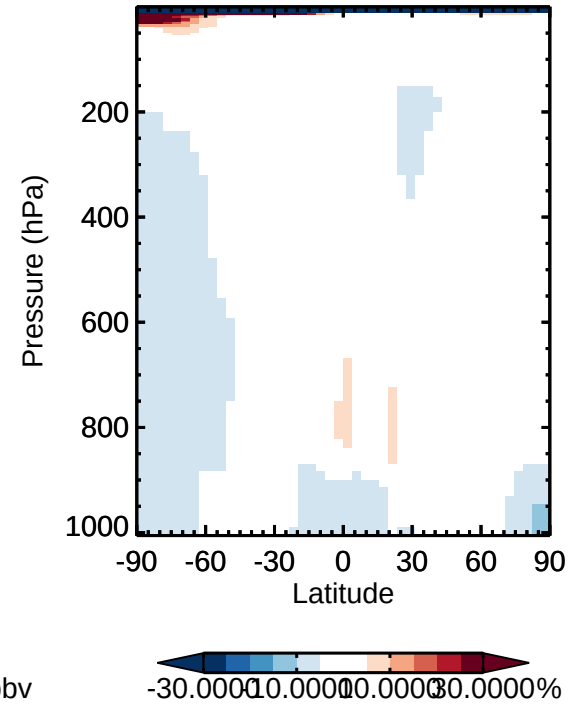
v11-01k-Run0 - v11-01g-Run0

NO2 - Zonal mean abs diff for Jul



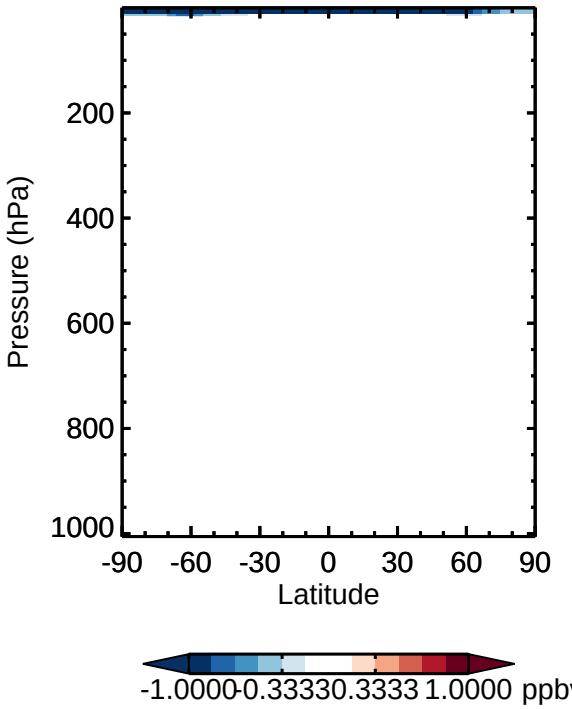
v11-01k-Run0 / v11-01g-Run0

NO2 - Zonal mean % diff for Jul



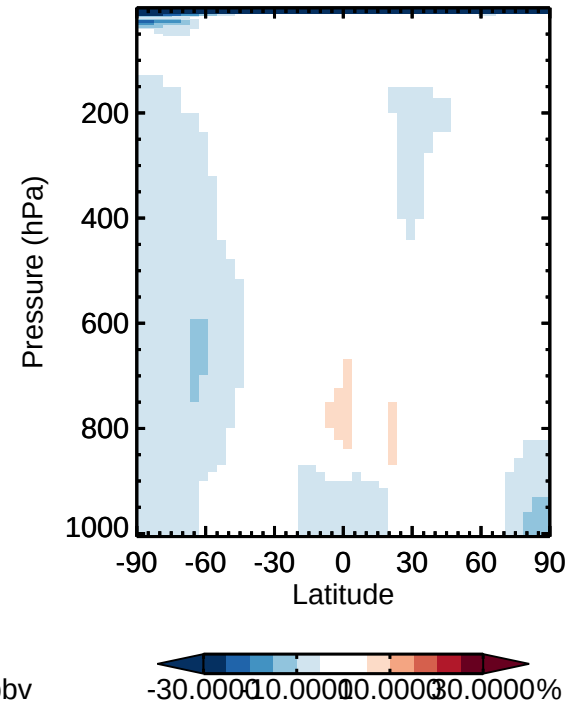
v11-01k-Run0 - v11-01f-geosfp-Run0

NO2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

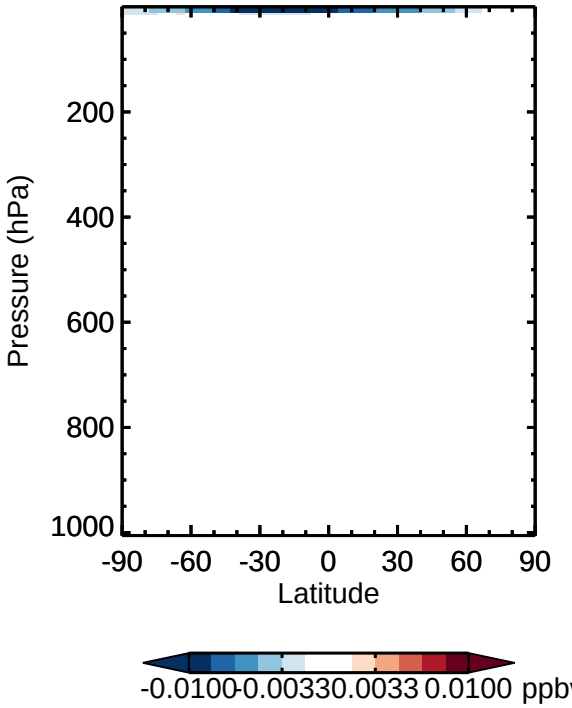
NO2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

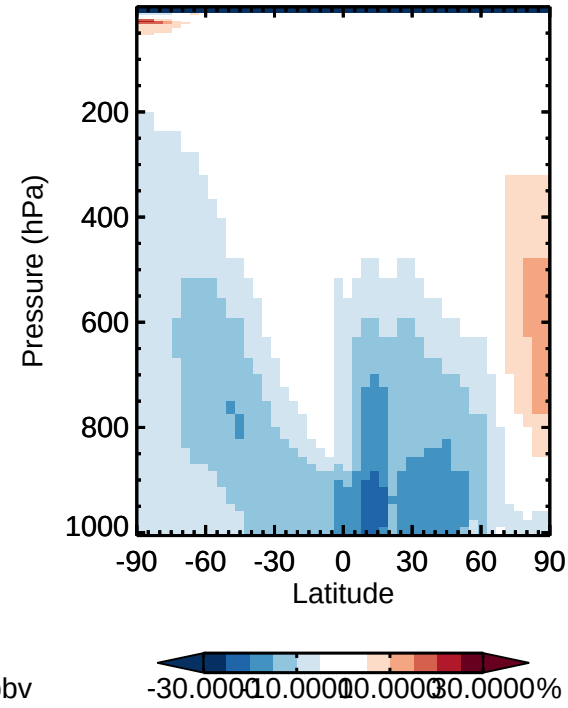
v11-01k-Run0 - v11-01g-Run0

NO3 - Zonal mean abs diff for Jul



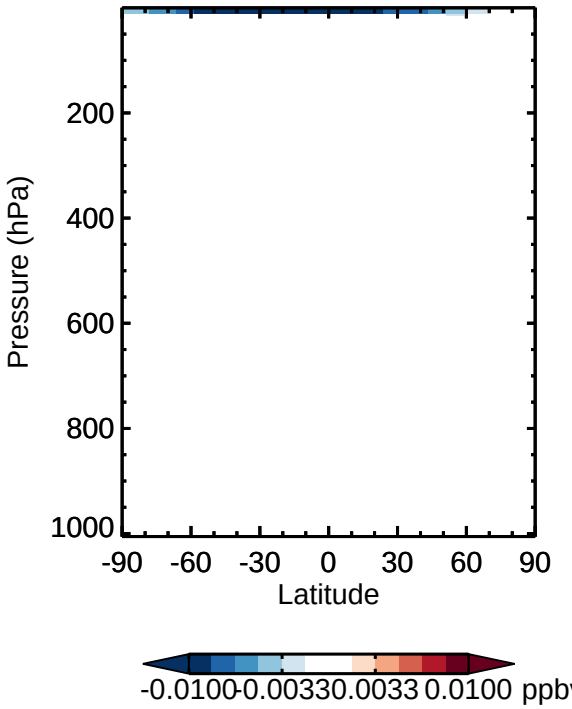
v11-01k-Run0 / v11-01g-Run0

NO3 - Zonal mean % diff for Jul



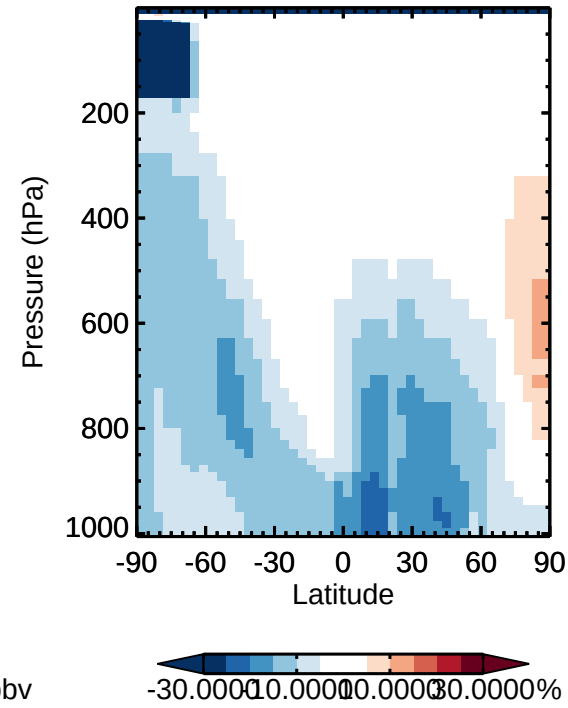
v11-01k-Run0 - v11-01f-geosfp-Run0

NO3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

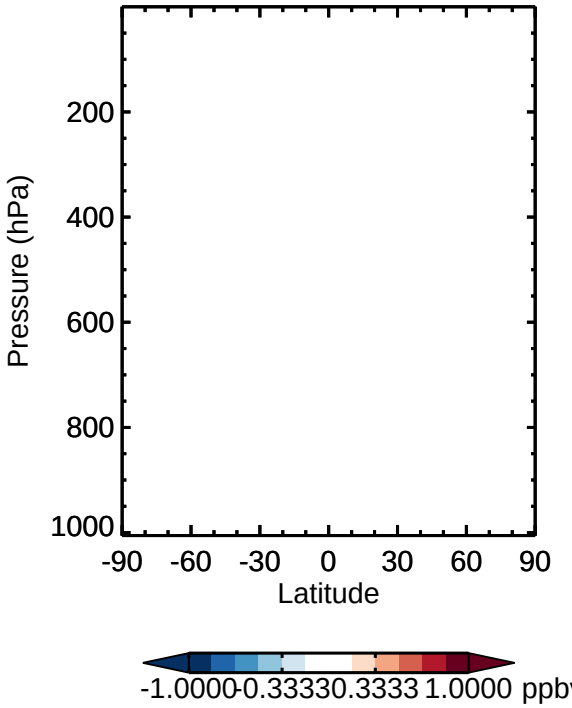
NO3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

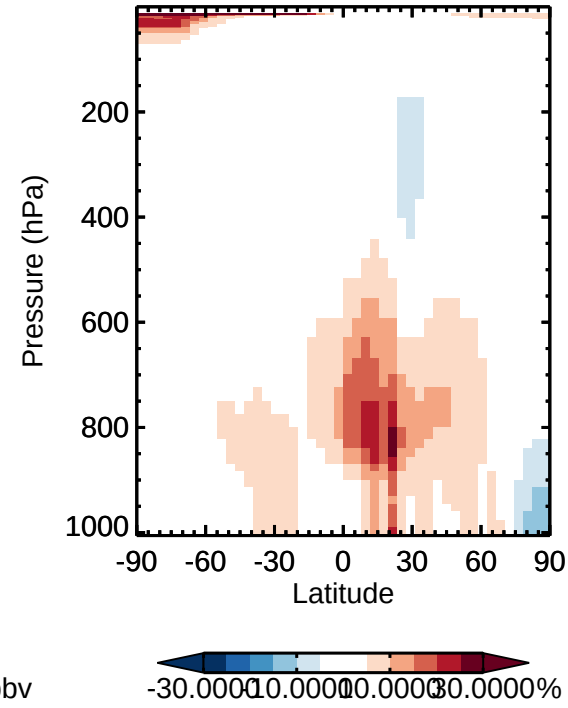
v11-01k-Run0 - v11-01g-Run0

HNO2 - Zonal mean abs diff for Jul



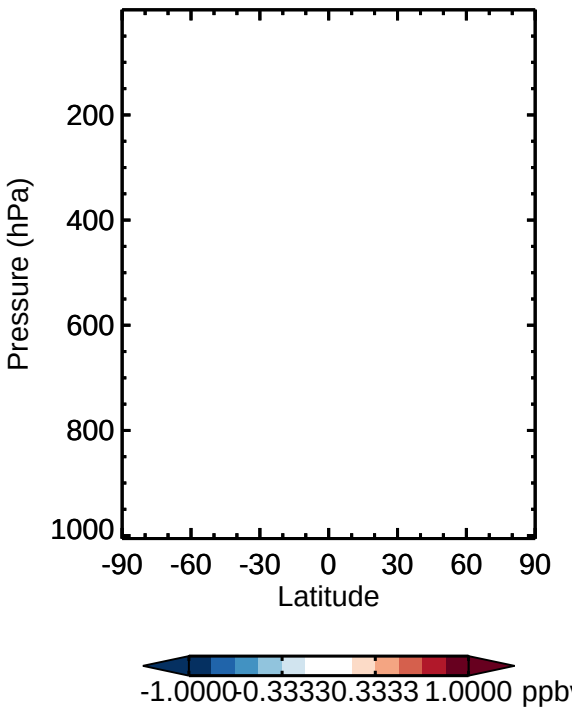
v11-01k-Run0 / v11-01g-Run0

HNO2 - Zonal mean % diff for Jul



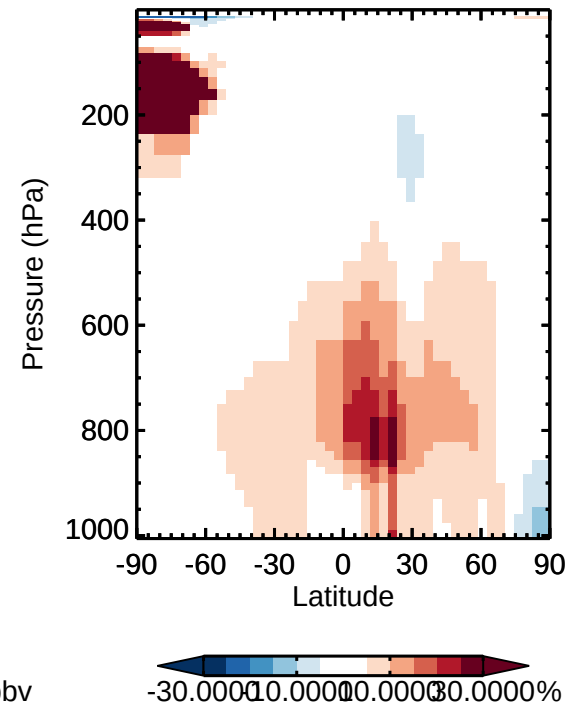
v11-01k-Run0 - v11-01f-geosfp-Run0

HNO2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

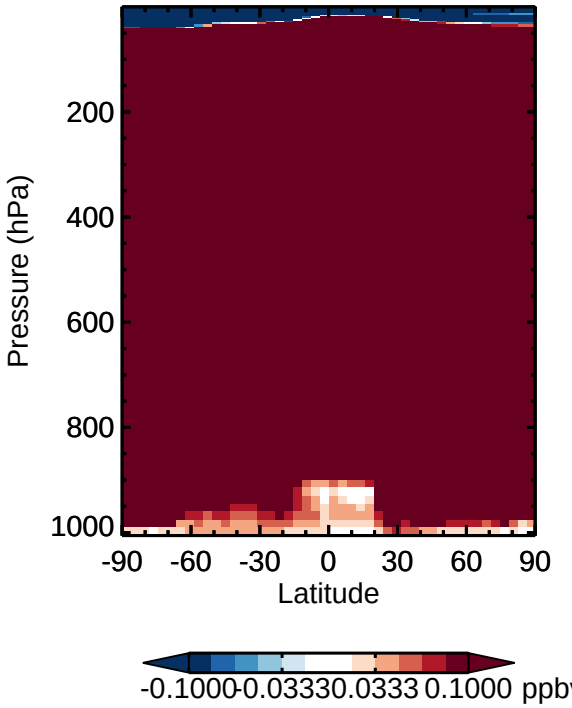
HNO2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

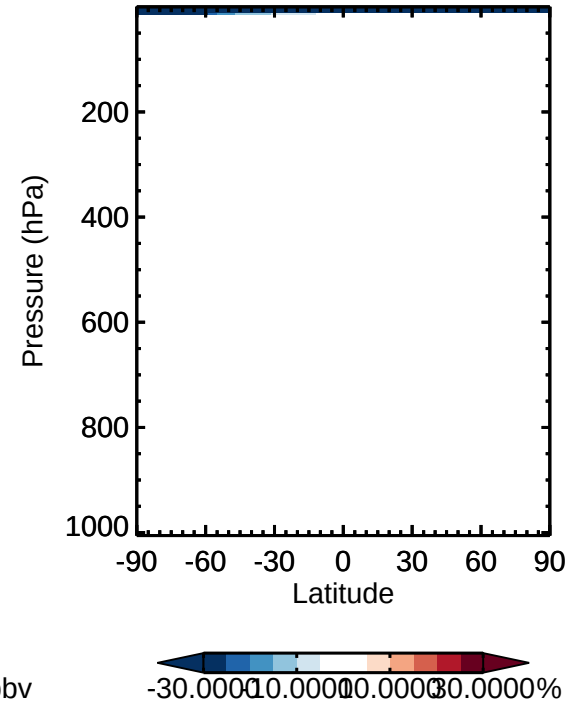
v11-01k-Run0 - v11-01g-Run0

N2O - Zonal mean abs diff for Jul



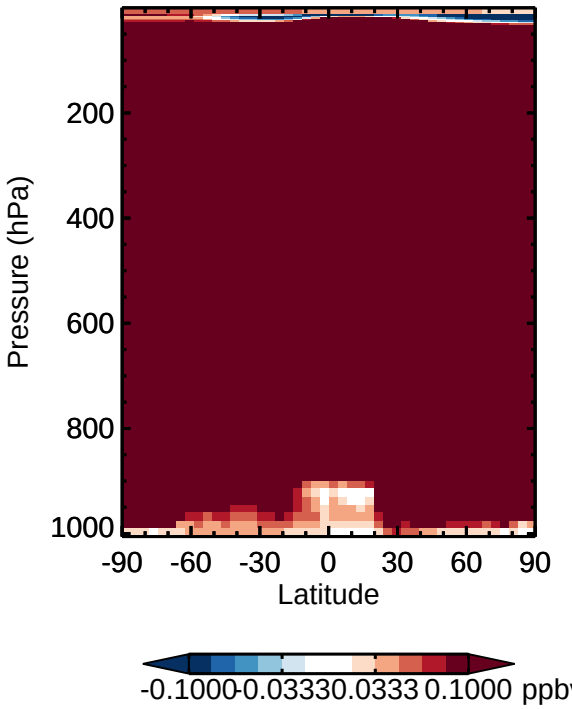
v11-01k-Run0 / v11-01g-Run0

N2O - Zonal mean % diff for Jul



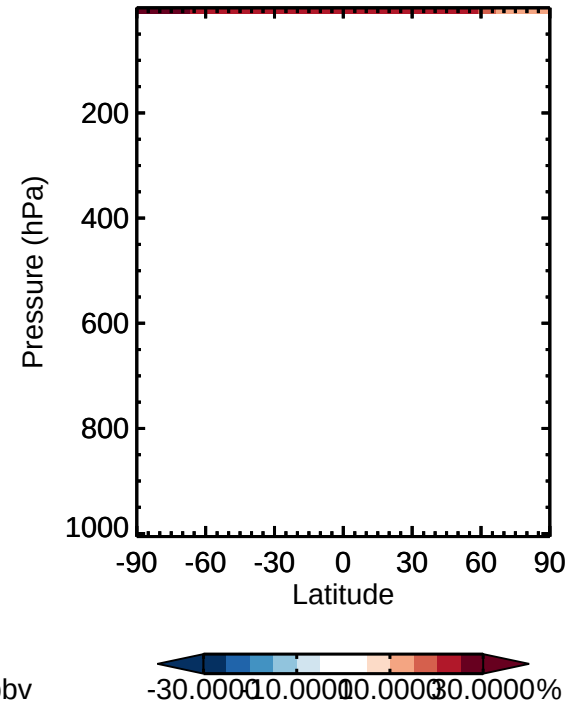
v11-01k-Run0 - v11-01f-geosfp-Run0

N2O - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

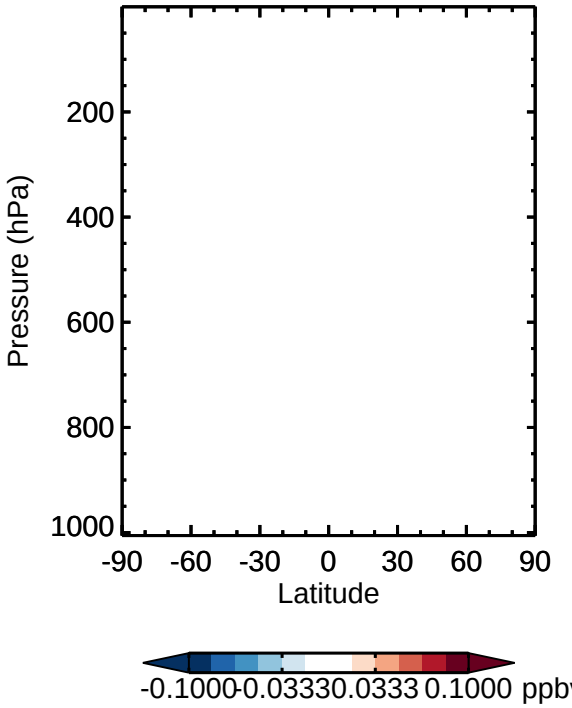
N2O - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

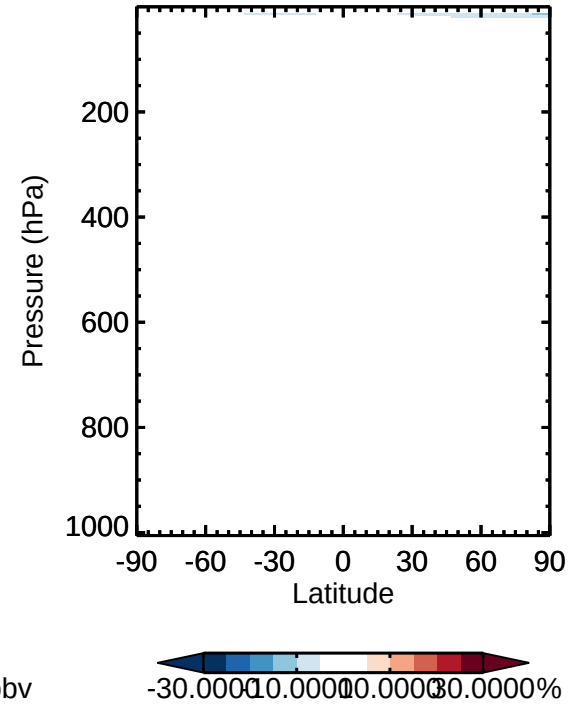
v11-01k-Run0 - v11-01g-Run0

OCS - Zonal mean abs diff for Jul



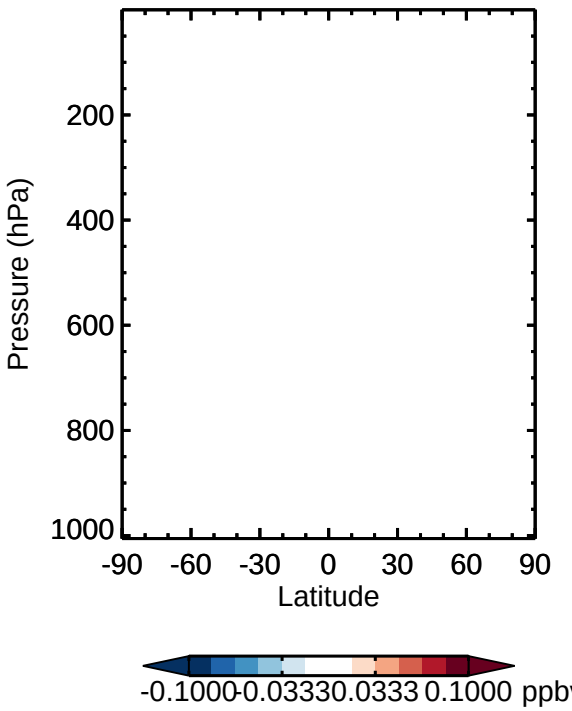
v11-01k-Run0 / v11-01g-Run0

OCS - Zonal mean % diff for Jul



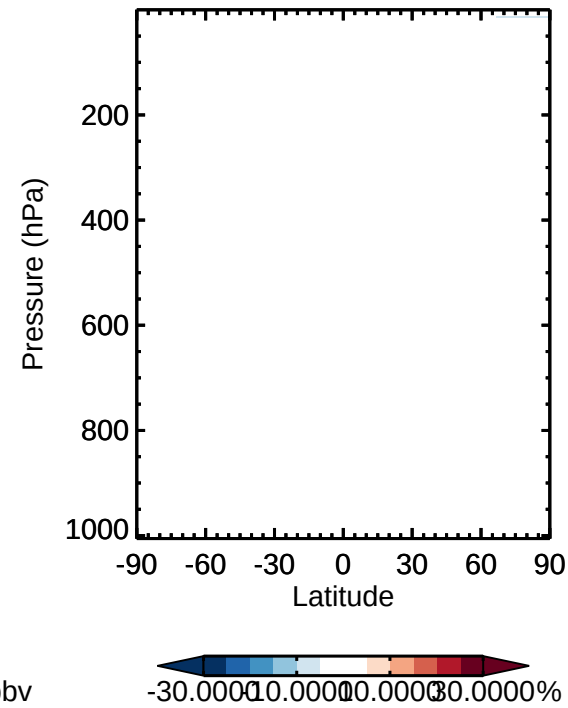
v11-01k-Run0 - v11-01f-geosfp-Run0

OCS - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

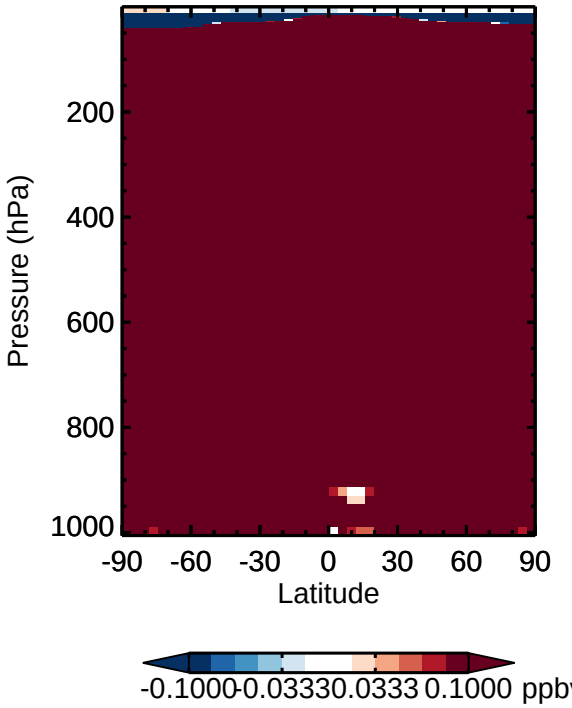
OCS - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

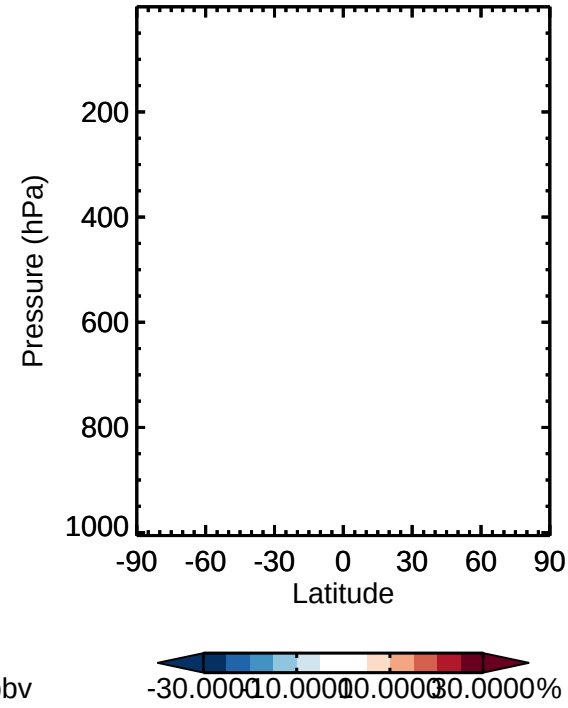
v11-01k-Run0 - v11-01g-Run0

CH4 - Zonal mean abs diff for Jul



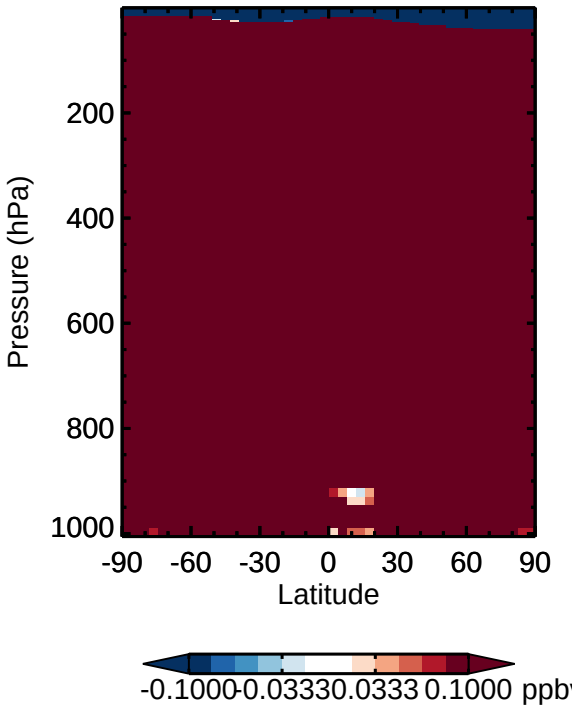
v11-01k-Run0 / v11-01g-Run0

CH4 - Zonal mean % diff for Jul



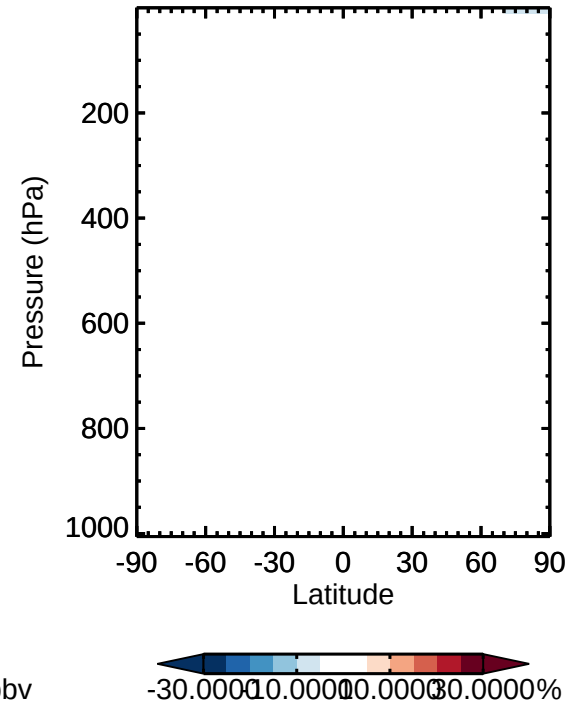
v11-01k-Run0 - v11-01f-geosfp-Run0

CH4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

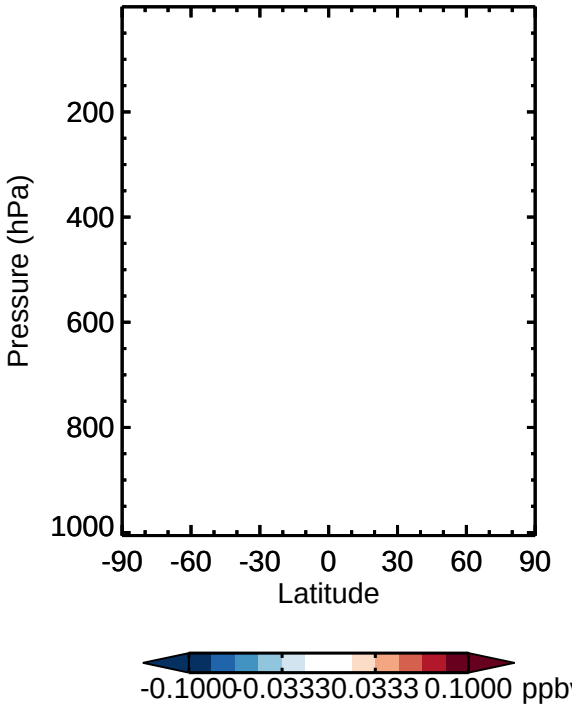
CH4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

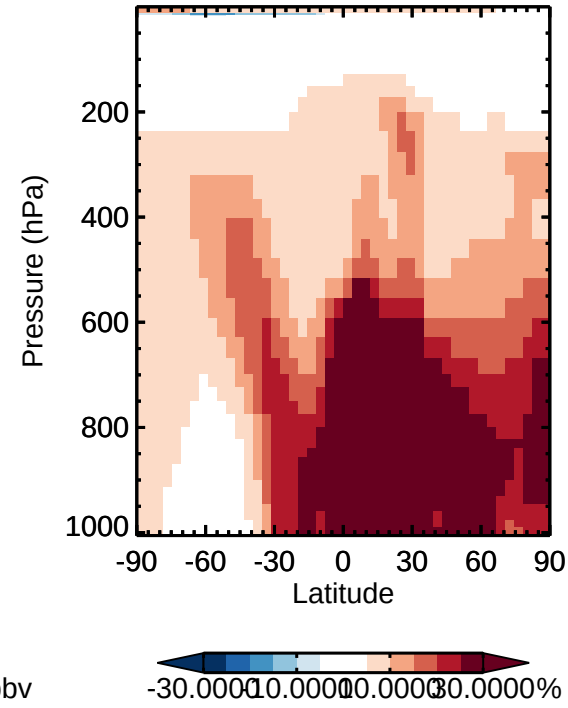
v11-01k-Run0 - v11-01g-Run0

BrCl - Zonal mean abs diff for Jul



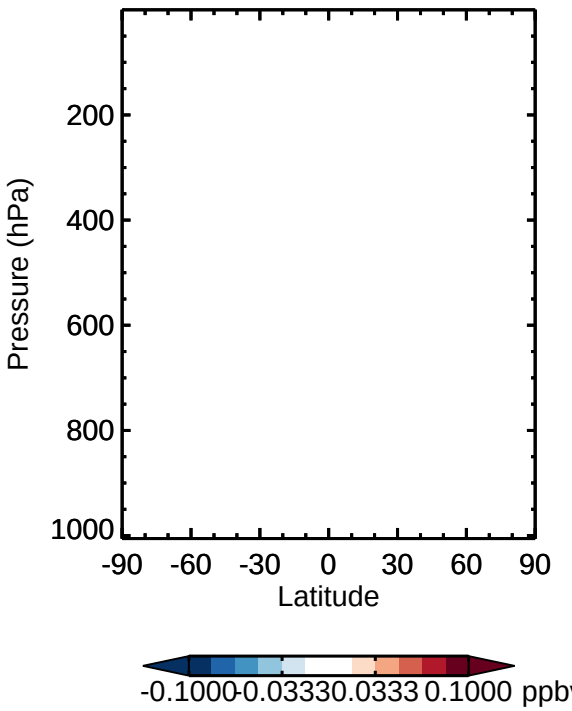
v11-01k-Run0 / v11-01g-Run0

BrCl - Zonal mean % diff for Jul



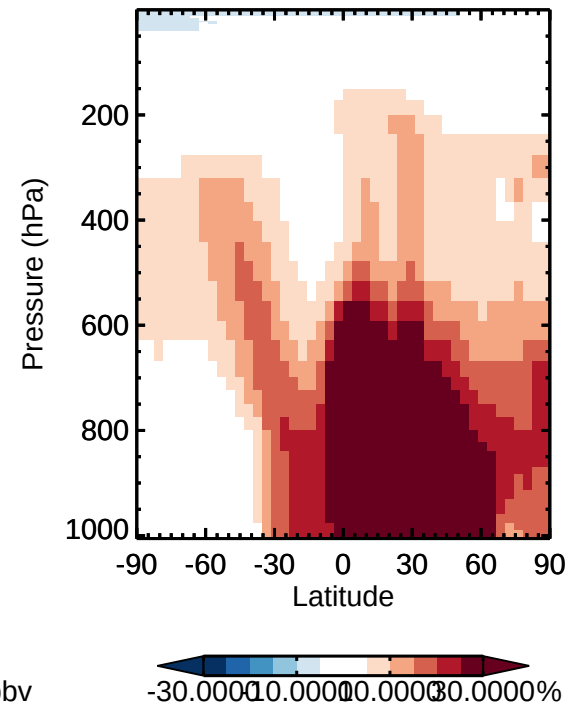
v11-01k-Run0 - v11-01f-geosfp-Run0

BrCl - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

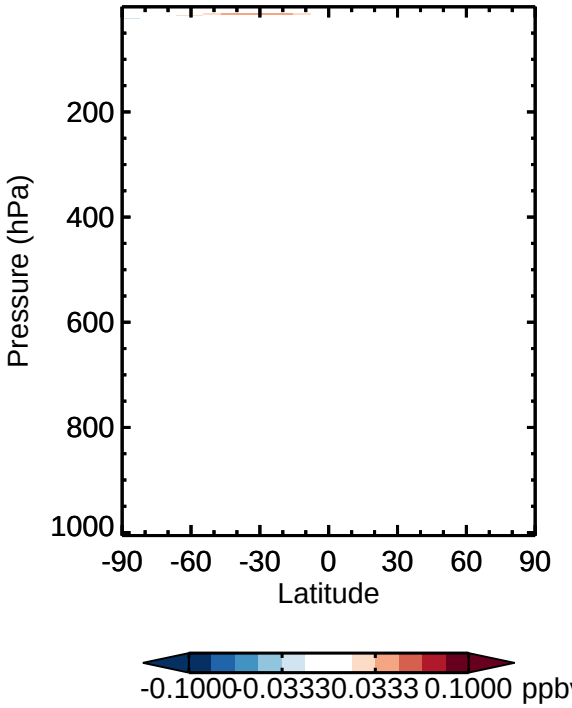
BrCl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

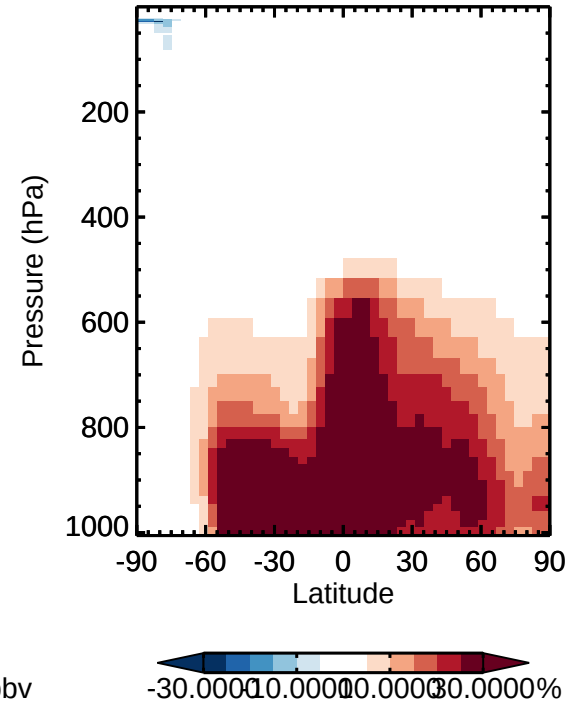
v11-01k-Run0 - v11-01g-Run0

HCl - Zonal mean abs diff for Jul



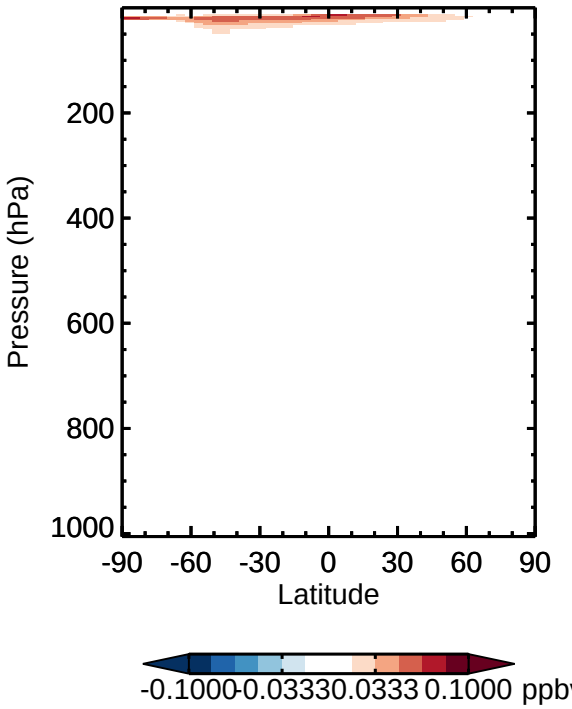
v11-01k-Run0 / v11-01g-Run0

HCl - Zonal mean % diff for Jul



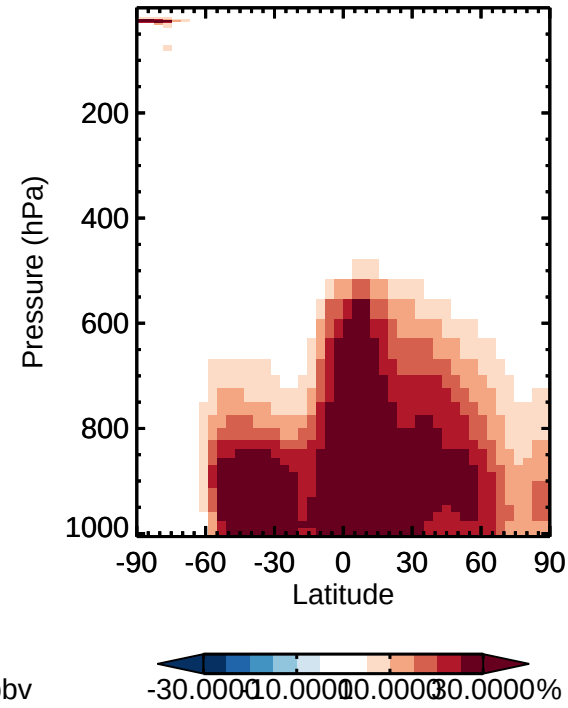
v11-01k-Run0 - v11-01f-geosfp-Run0

HCl - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

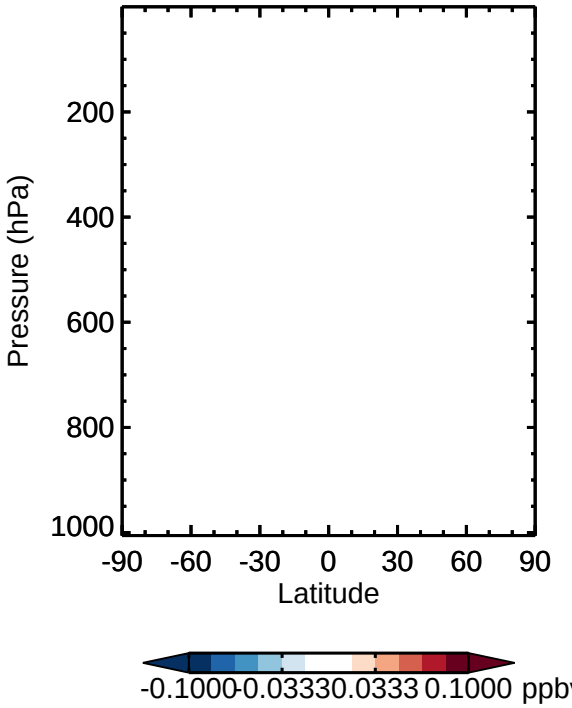
HCl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

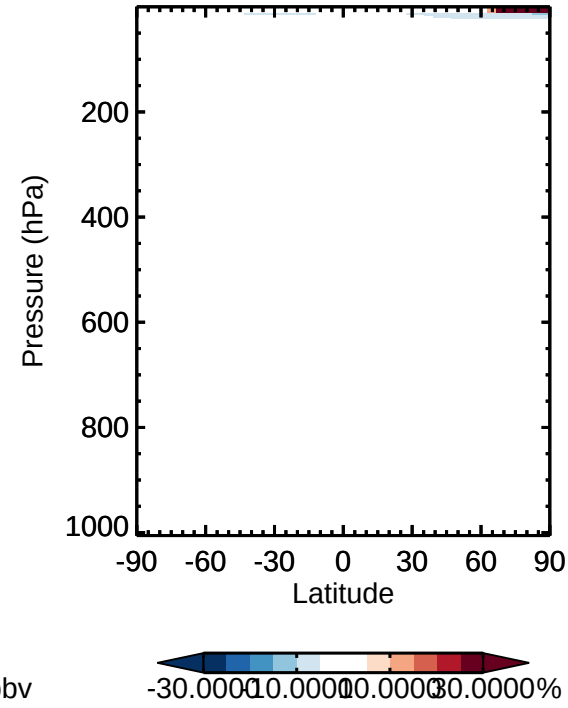
v11-01k-Run0 - v11-01g-Run0

CCl4 - Zonal mean abs diff for Jul



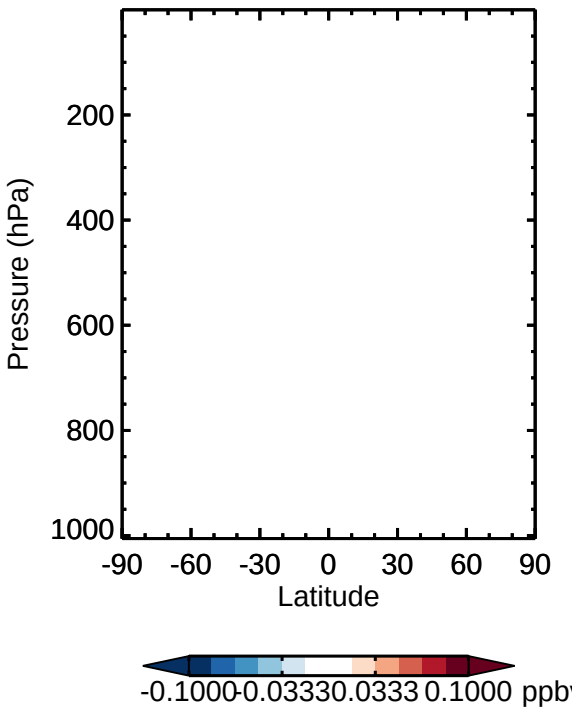
v11-01k-Run0 / v11-01g-Run0

CCl4 - Zonal mean % diff for Jul



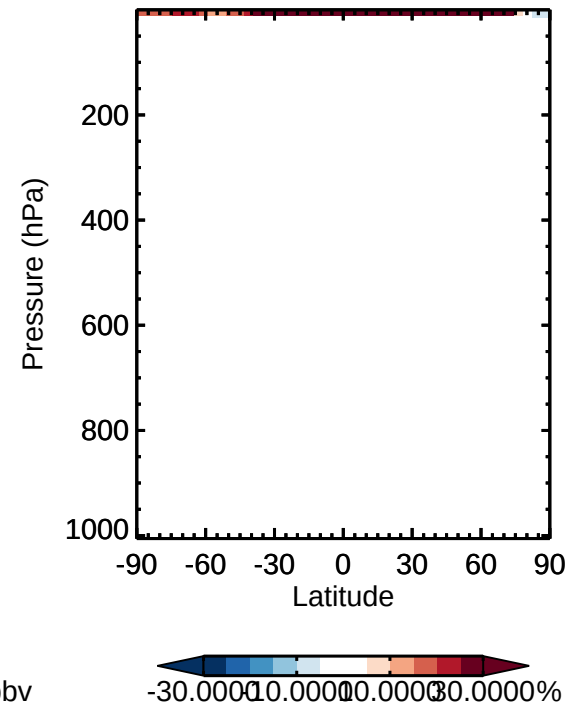
v11-01k-Run0 - v11-01f-geosfp-Run0

CCl4 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

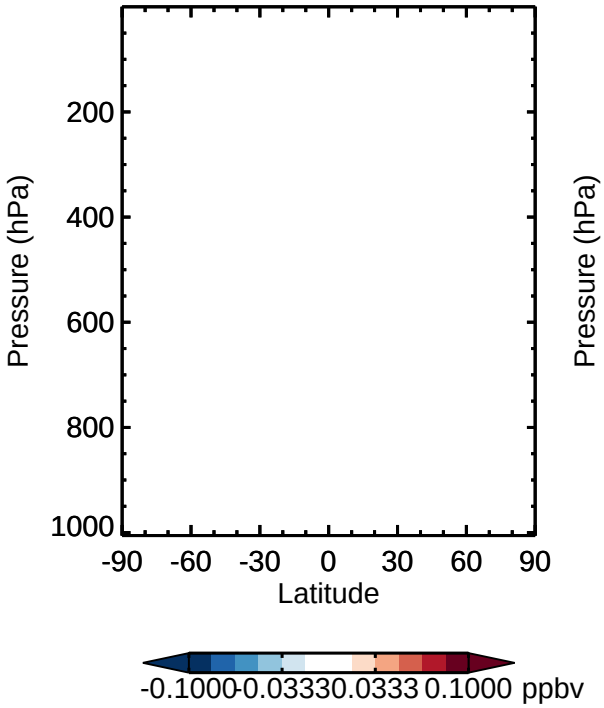
CCl4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

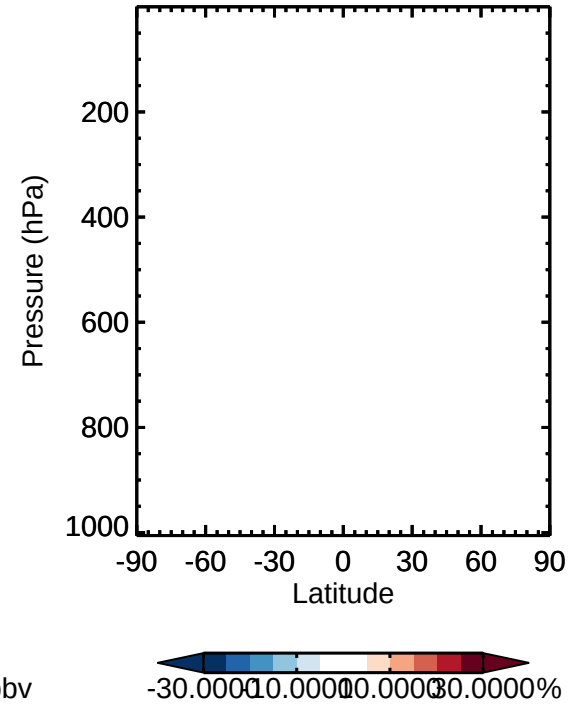
v11-01k-Run0 - v11-01g-Run0

CH3Cl - Zonal mean abs diff for Jul



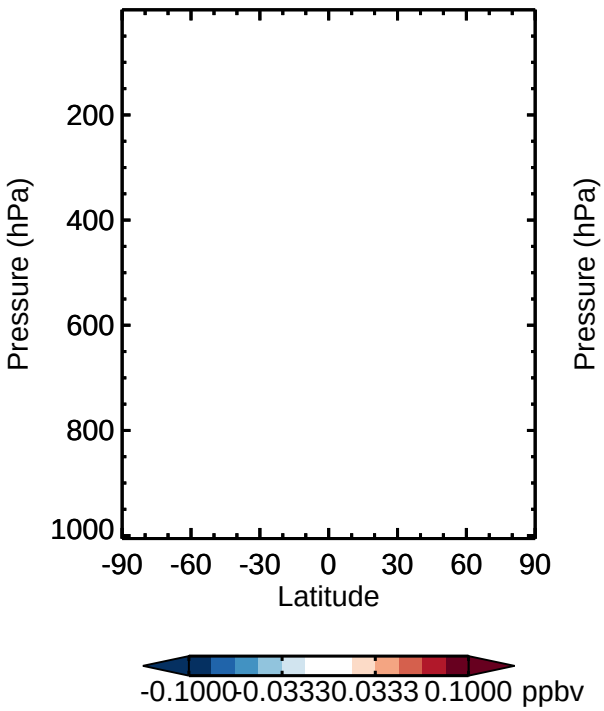
v11-01k-Run0 / v11-01g-Run0

CH3Cl - Zonal mean % diff for Jul



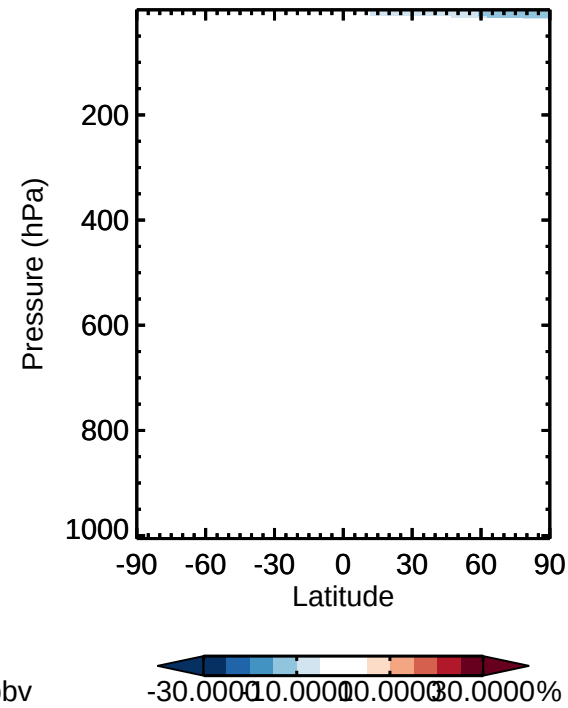
v11-01k-Run0 - v11-01f-geosfp-Run0

CH3Cl - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

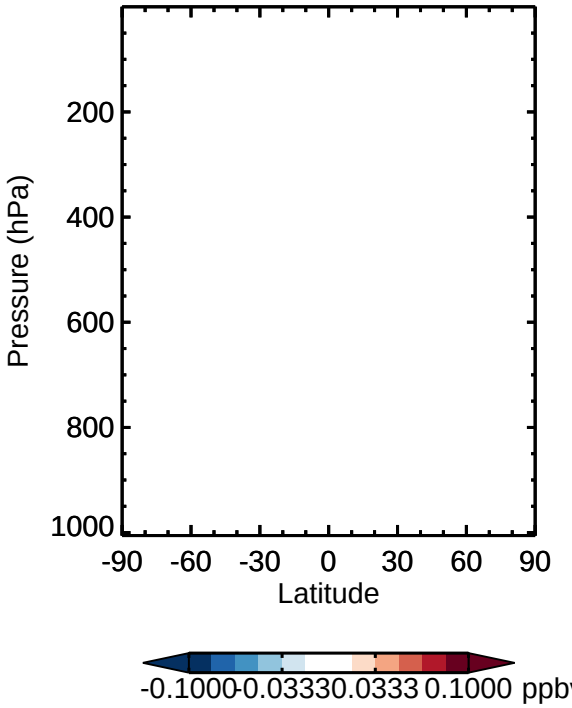
CH3Cl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

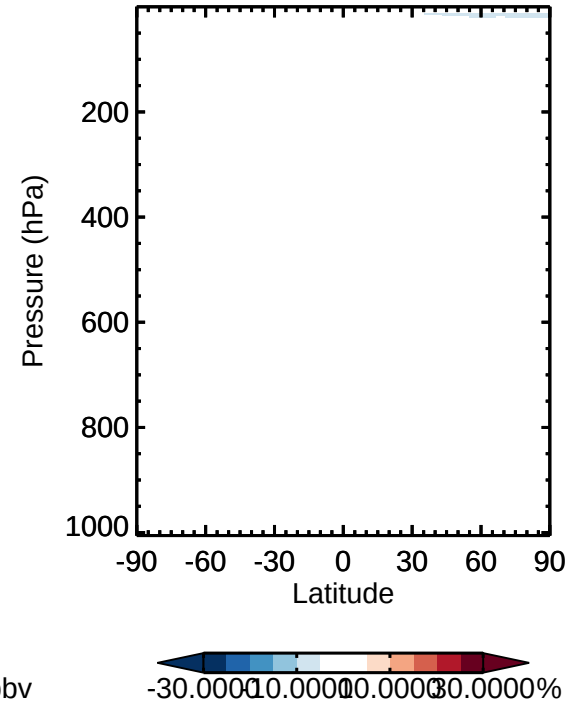
v11-01k-Run0 - v11-01g-Run0

CH3CCl3 - Zonal mean abs diff for Jul



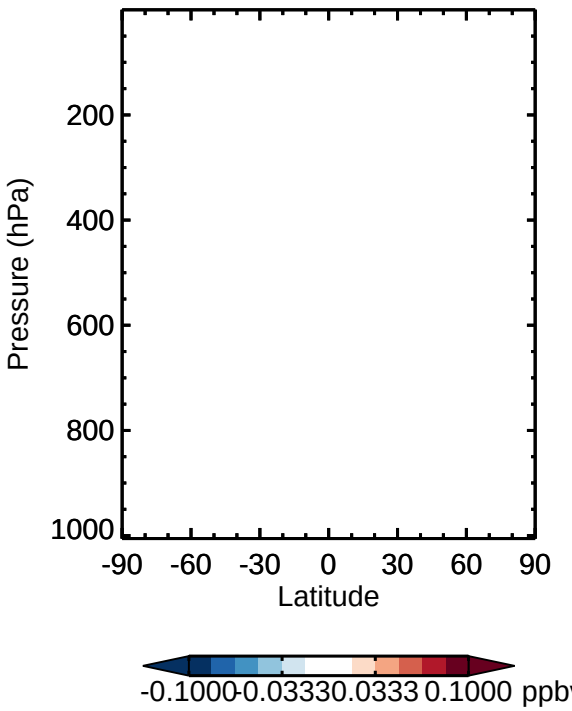
v11-01k-Run0 / v11-01g-Run0

CH3CCl3 - Zonal mean % diff for Jul



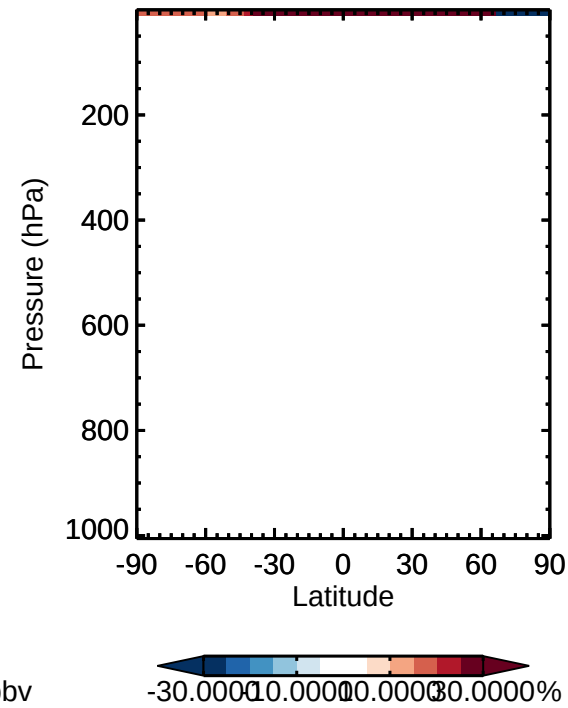
v11-01k-Run0 - v11-01f-geosfp-Run0

CH3CCl3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

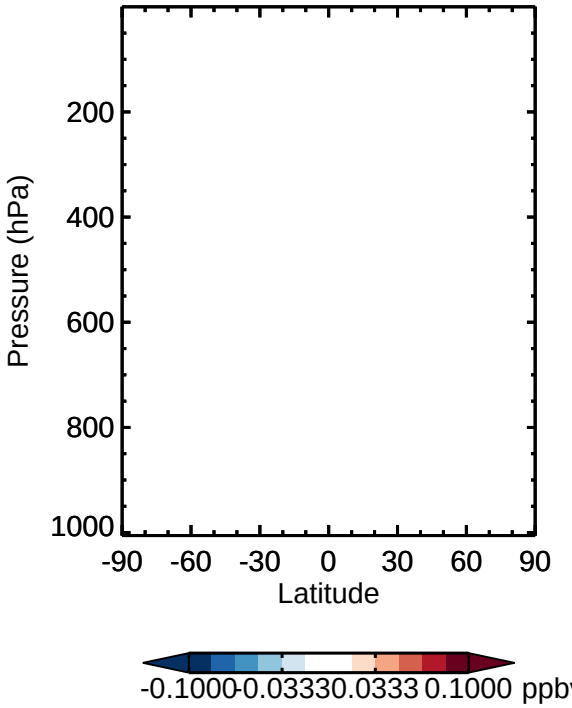
CH3CCl3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

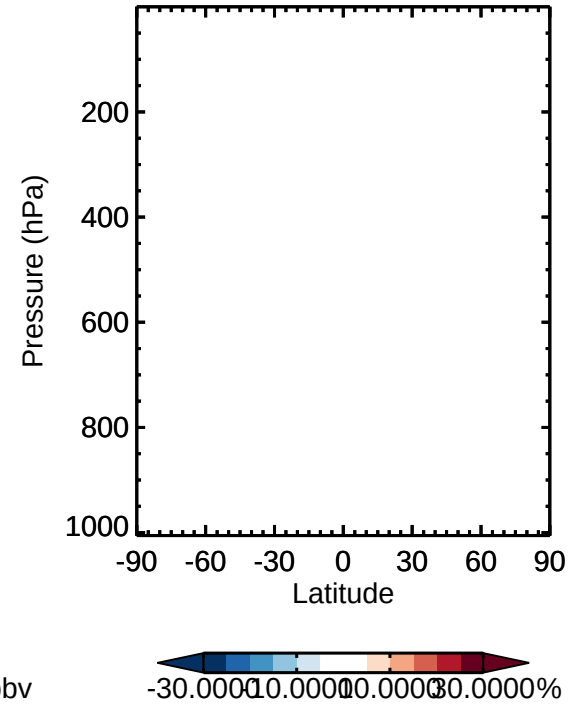
v11-01k-Run0 - v11-01g-Run0

CFC113 - Zonal mean abs diff for Jul



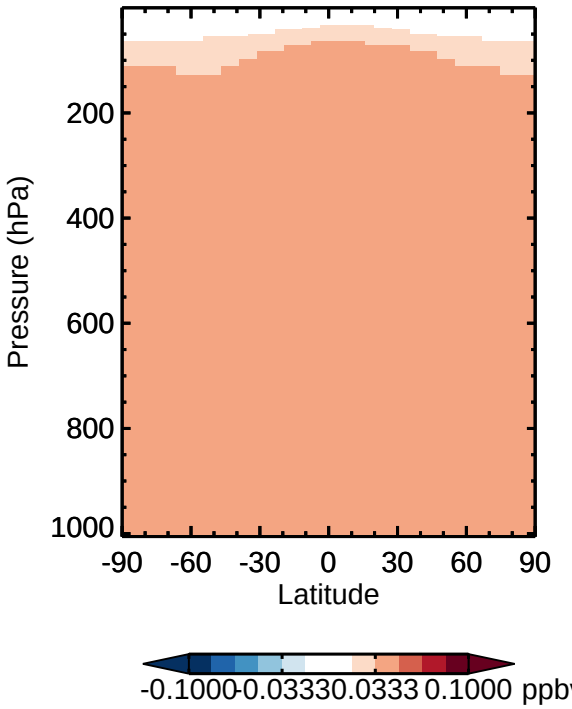
v11-01k-Run0 / v11-01g-Run0

CFC113 - Zonal mean % diff for Jul



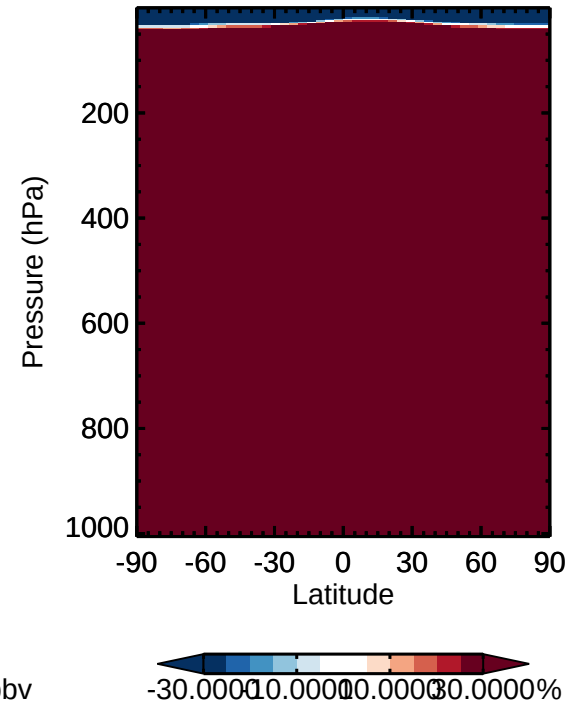
v11-01k-Run0 - v11-01f-geosfp-Run0

CFC113 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

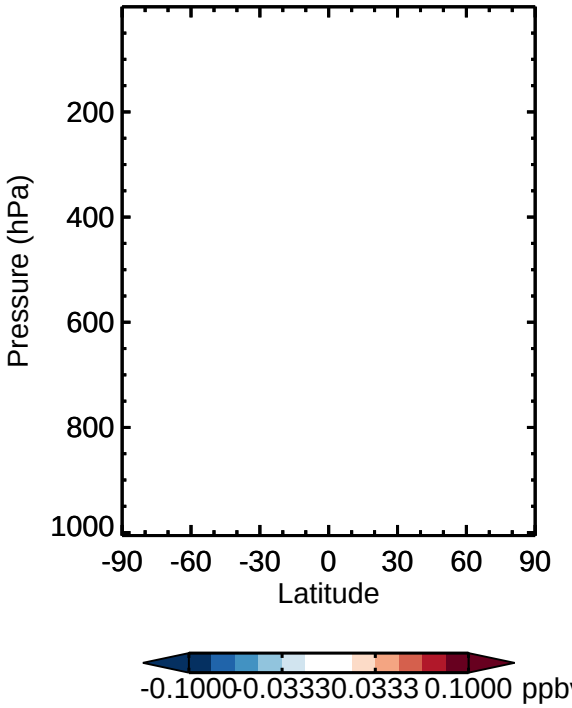
CFC113 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

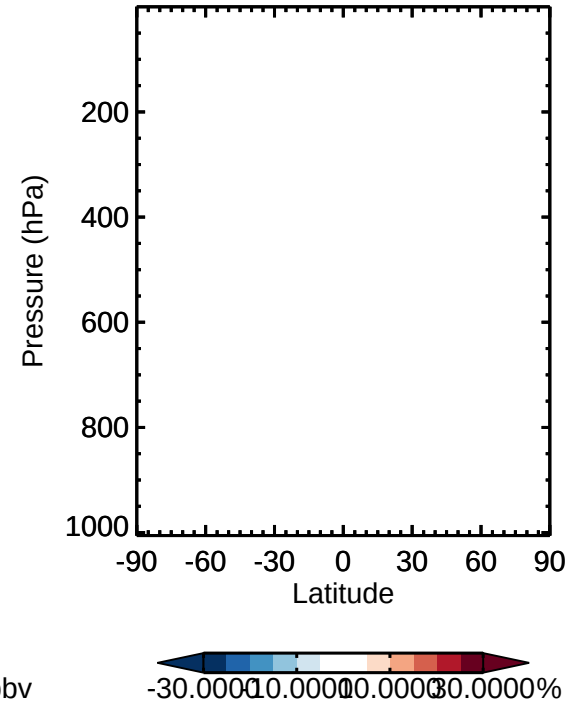
v11-01k-Run0 - v11-01g-Run0

CFC114 - Zonal mean abs diff for Jul



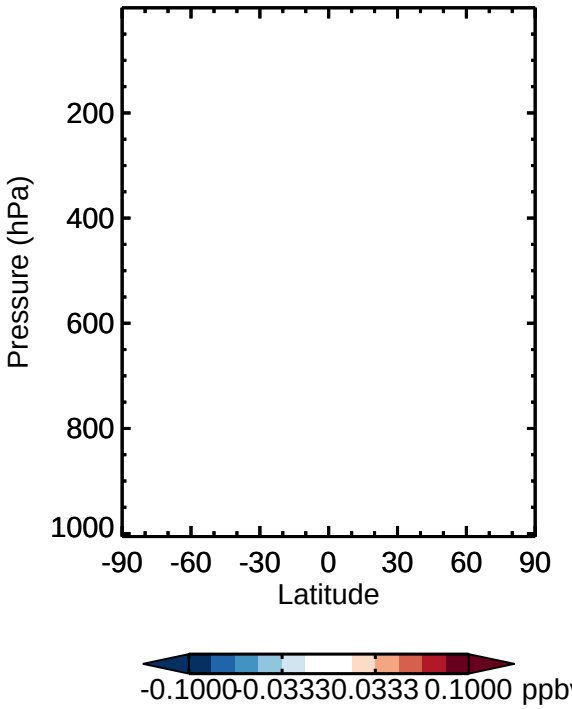
v11-01k-Run0 / v11-01g-Run0

CFC114 - Zonal mean % diff for Jul



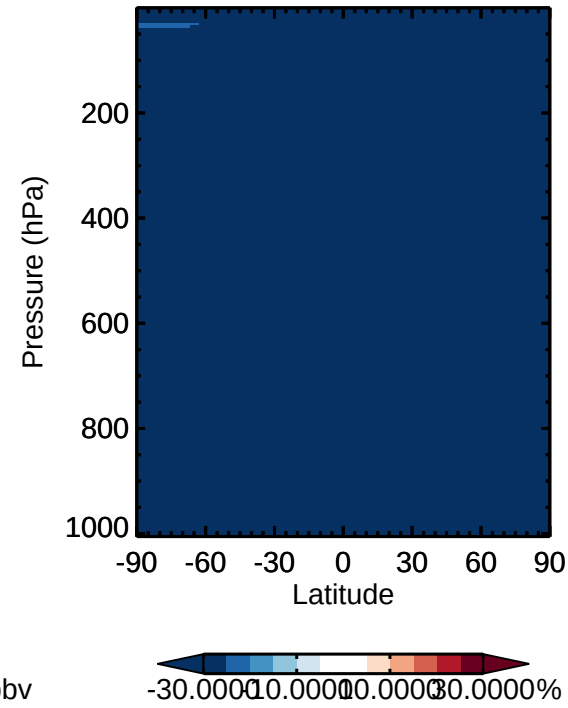
v11-01k-Run0 - v11-01f-geosfp-Run0

CFC114 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

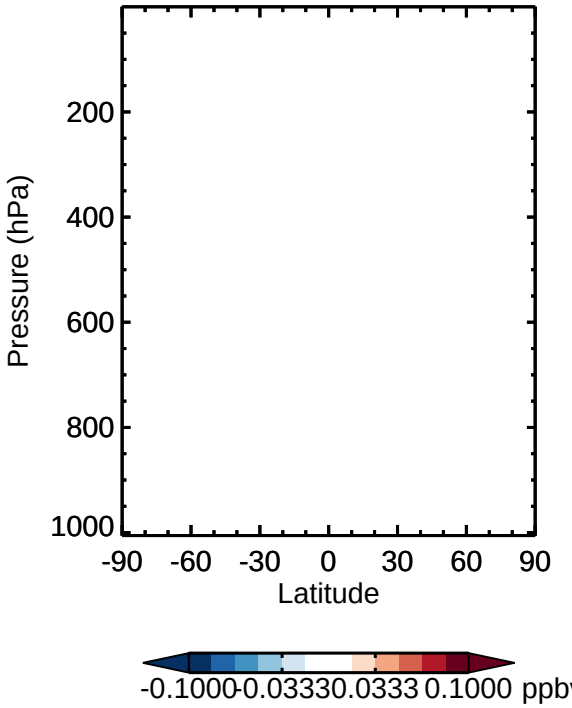
CFC114 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

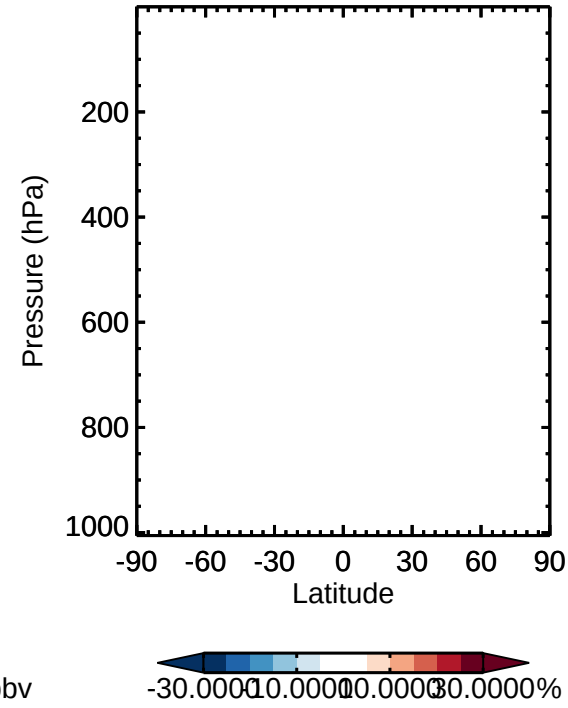
v11-01k-Run0 - v11-01g-Run0

CFC115 - Zonal mean abs diff for Jul



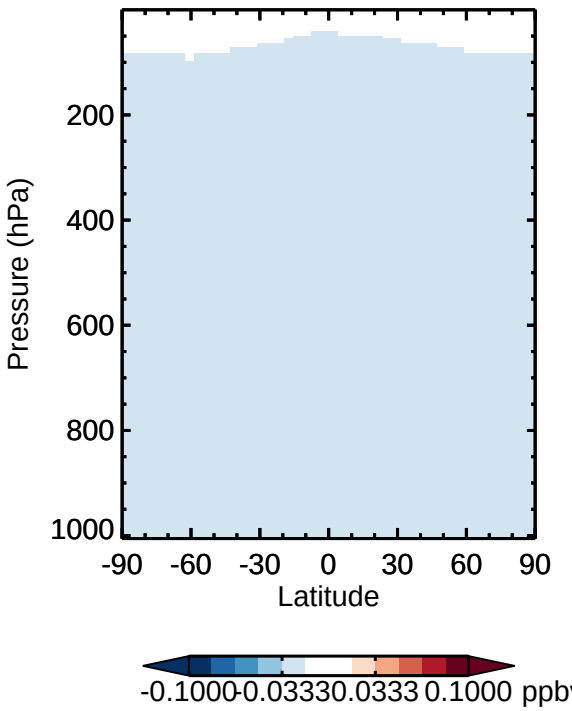
v11-01k-Run0 / v11-01g-Run0

CFC115 - Zonal mean % diff for Jul



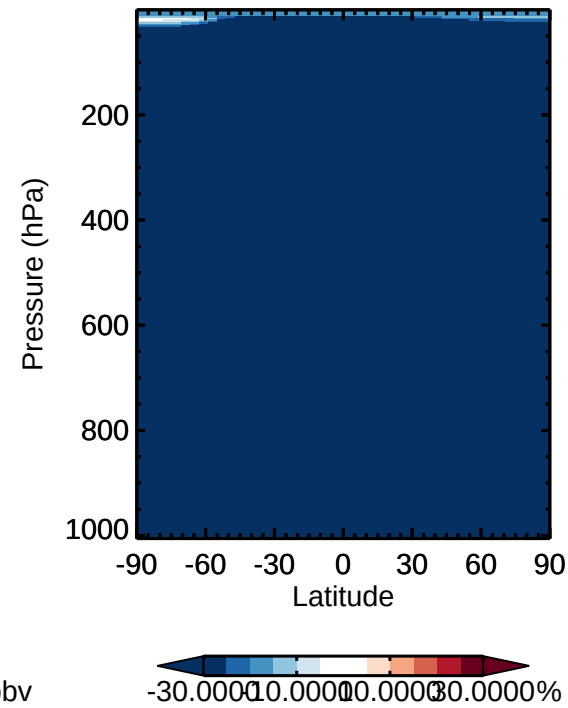
v11-01k-Run0 - v11-01f-geosfp-Run0

CFC115 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

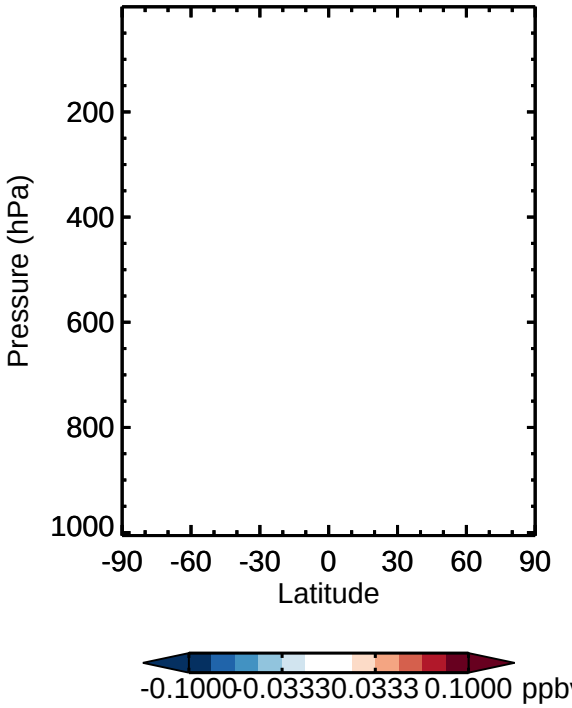
CFC115 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

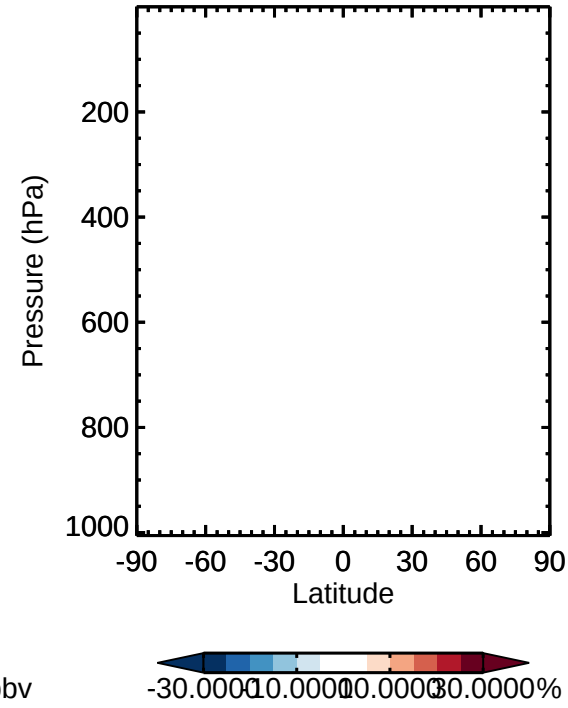
v11-01k-Run0 - v11-01g-Run0

HCFC123 - Zonal mean abs diff for Jul



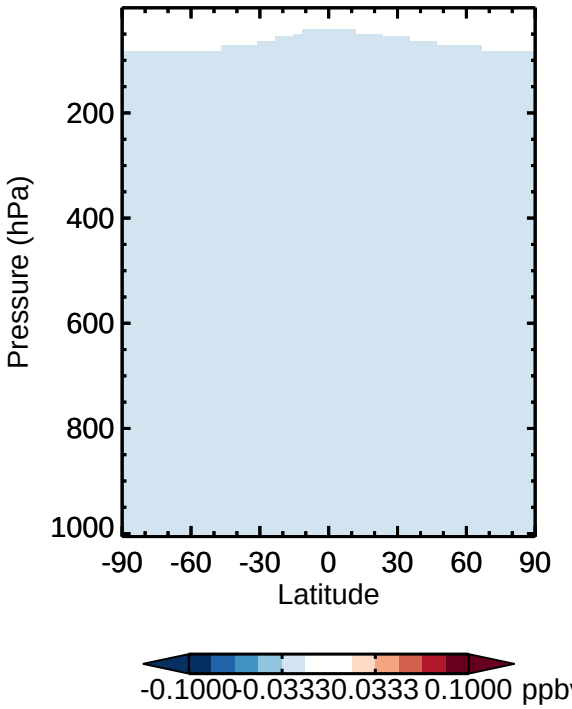
v11-01k-Run0 / v11-01g-Run0

HCFC123 - Zonal mean % diff for Jul



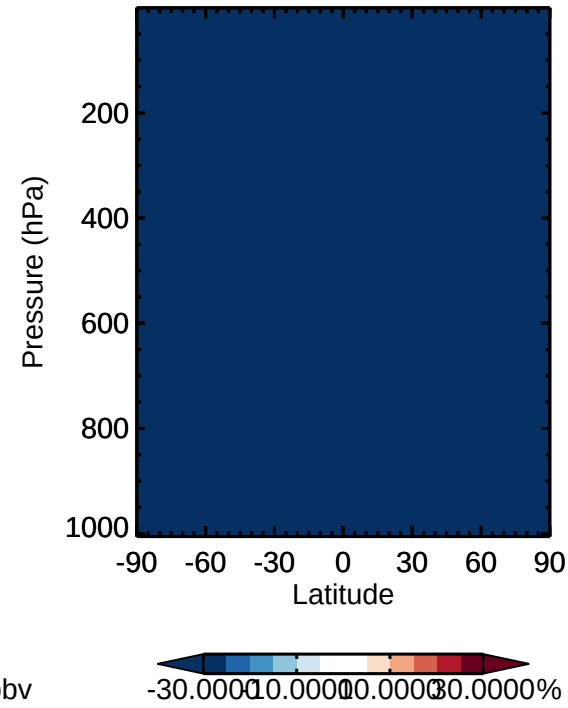
v11-01k-Run0 - v11-01f-geosfp-Run0

HCFC123 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

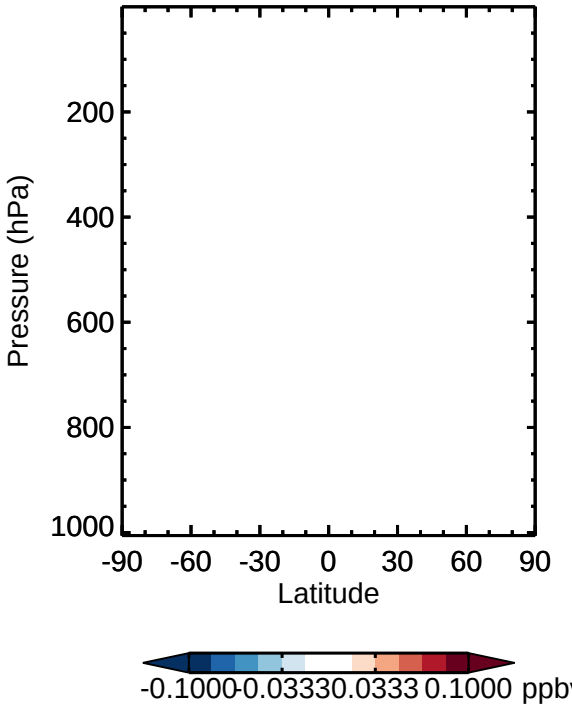
HCFC123 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

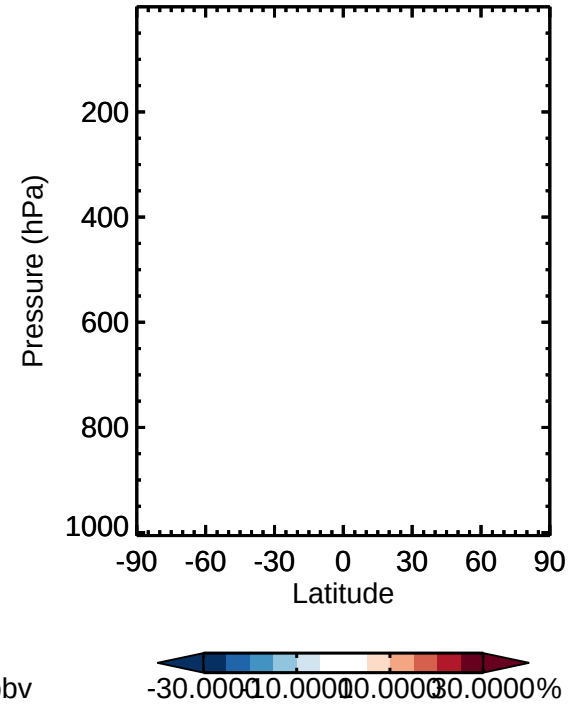
v11-01k-Run0 - v11-01g-Run0

HCFC141b - Zonal mean abs diff for Jul



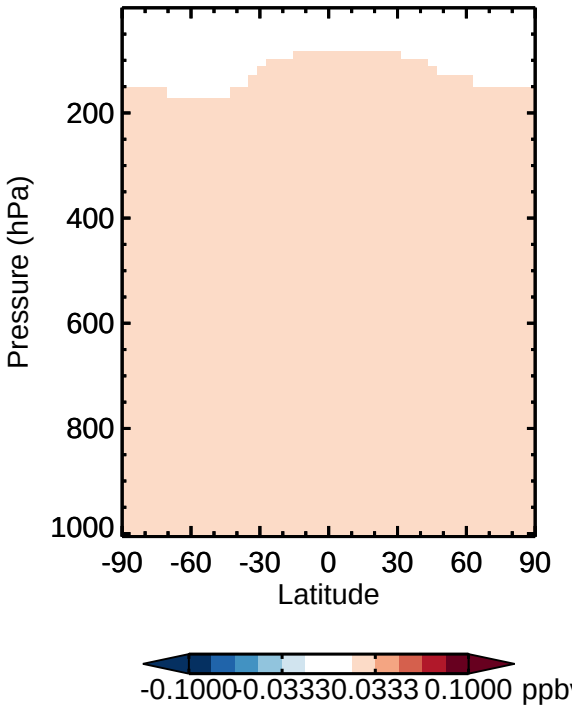
v11-01k-Run0 / v11-01g-Run0

HCFC141b - Zonal mean % diff for Jul



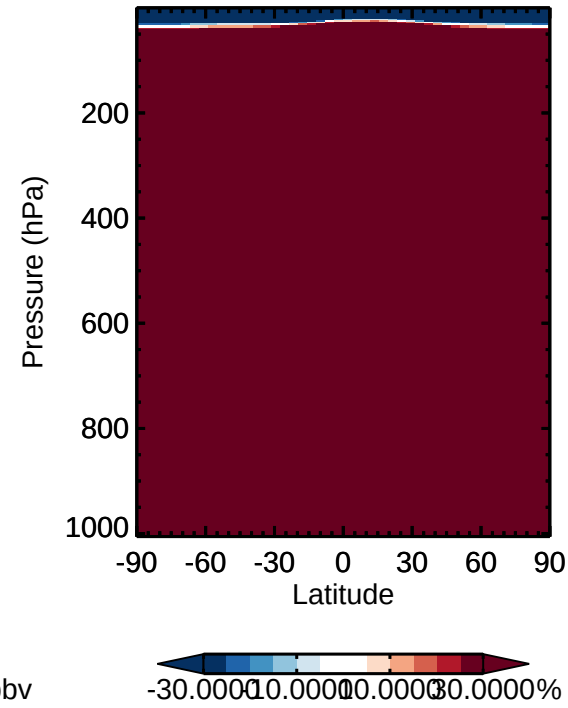
v11-01k-Run0 - v11-01f-geosfp-Run0

HCFC141b - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

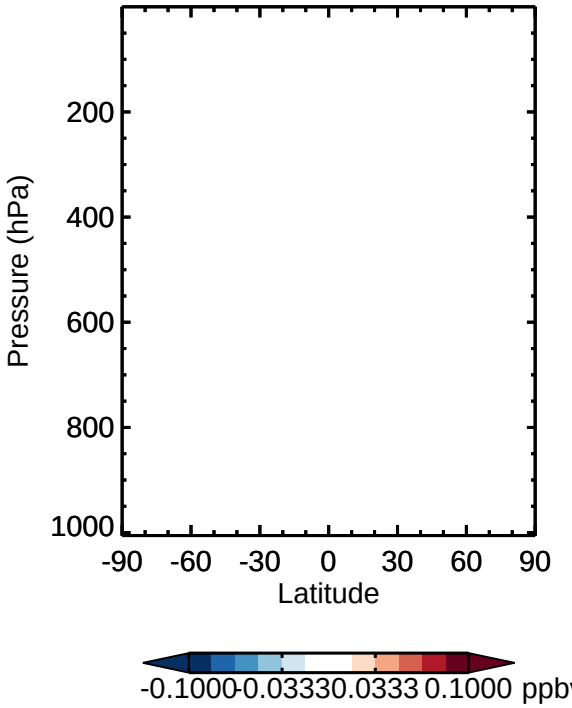
HCFC141b - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

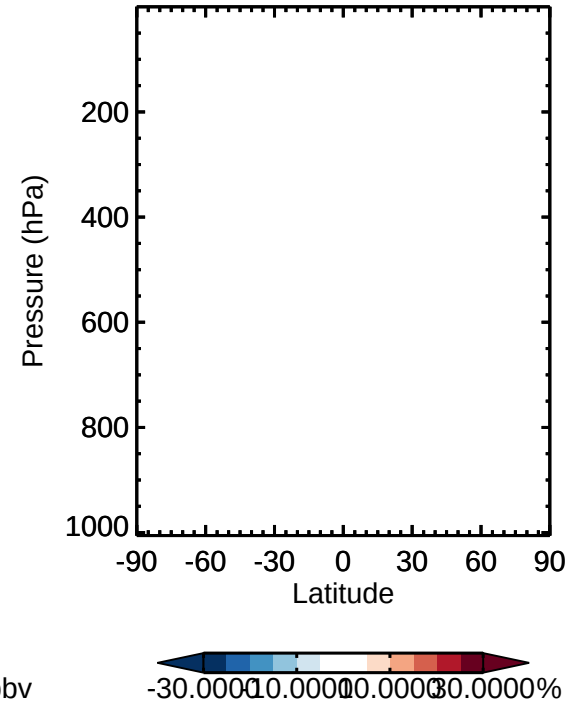
v11-01k-Run0 - v11-01g-Run0

HCFC142b - Zonal mean abs diff for Jul



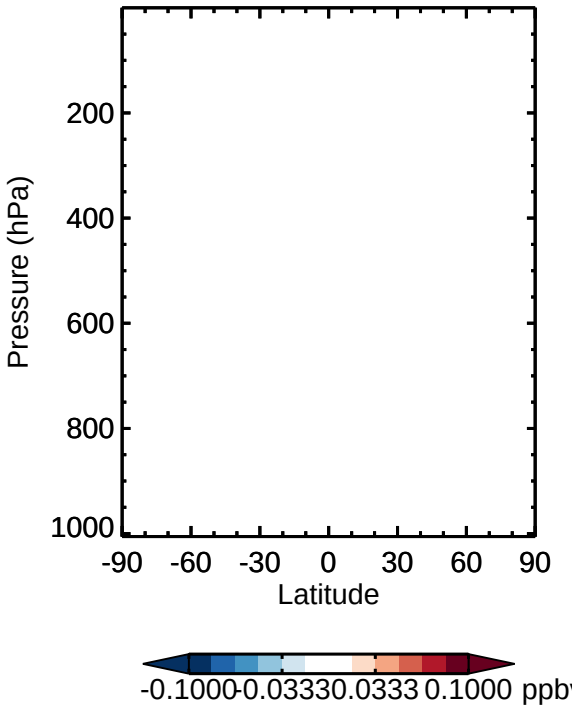
v11-01k-Run0 / v11-01g-Run0

HCFC142b - Zonal mean % diff for Jul



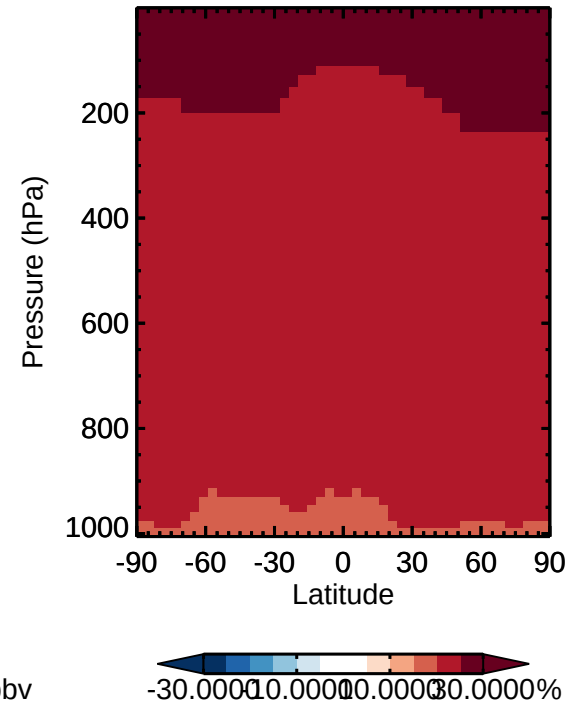
v11-01k-Run0 - v11-01f-geosfp-Run0

HCFC142b - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

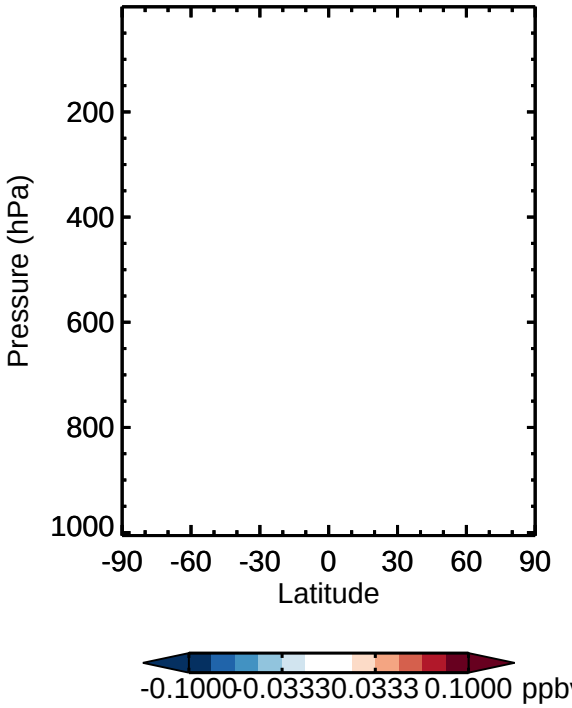
HCFC142b - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

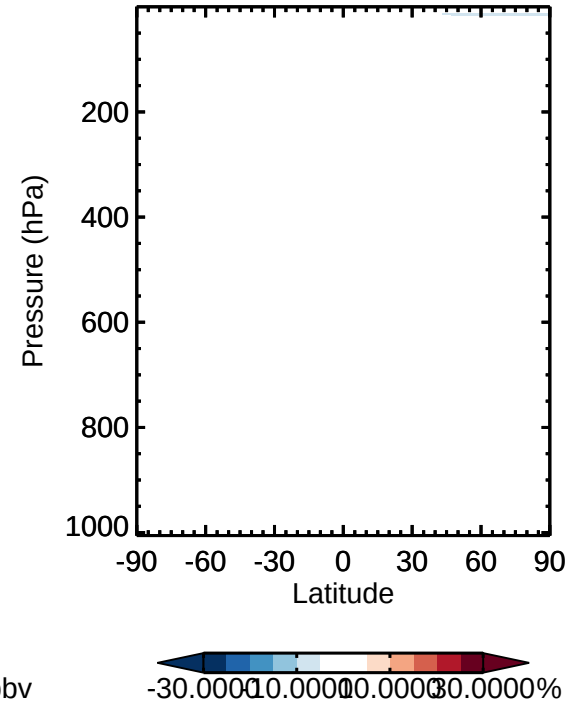
v11-01k-Run0 - v11-01g-Run0

CFC11 - Zonal mean abs diff for Jul



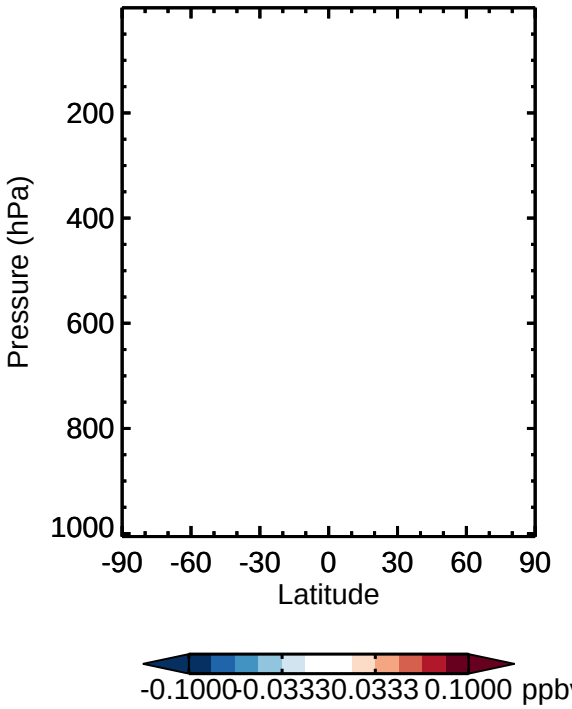
v11-01k-Run0 / v11-01g-Run0

CFC11 - Zonal mean % diff for Jul



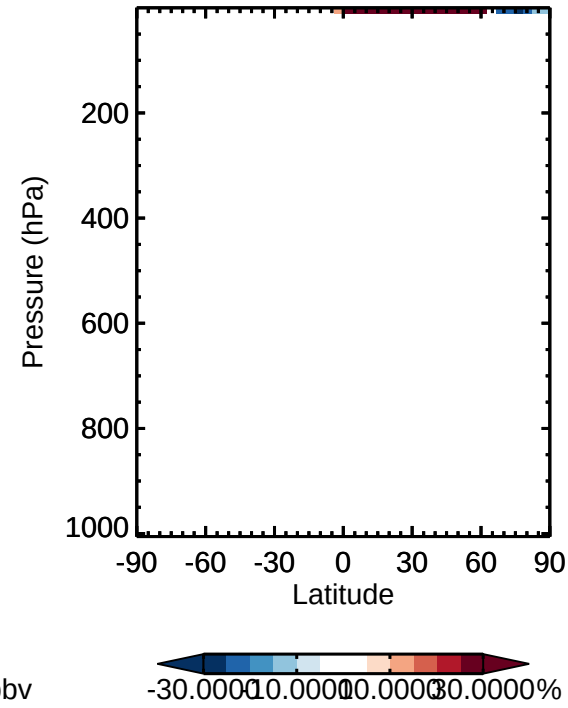
v11-01k-Run0 - v11-01f-geosfp-Run0

CFC11 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

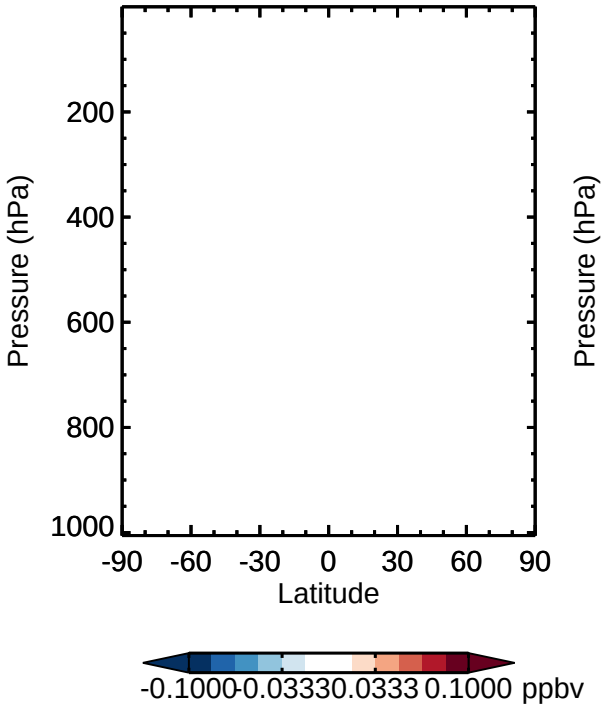
CFC11 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

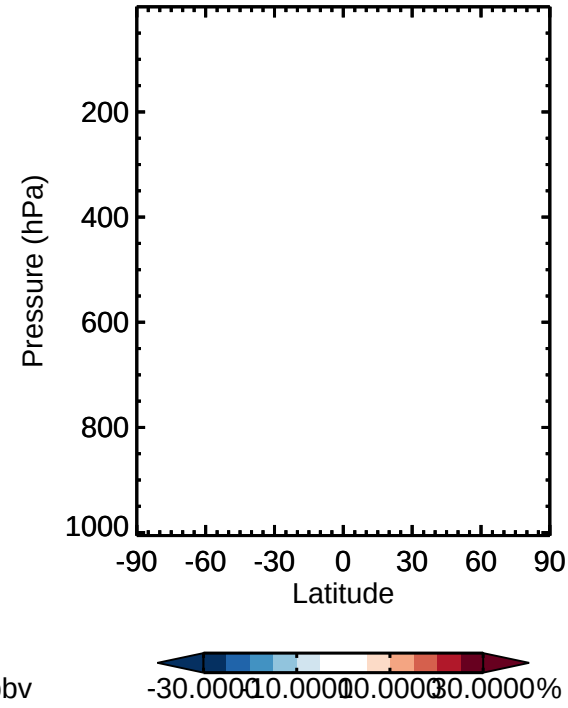
v11-01k-Run0 - v11-01g-Run0

CFC12 - Zonal mean abs diff for Jul



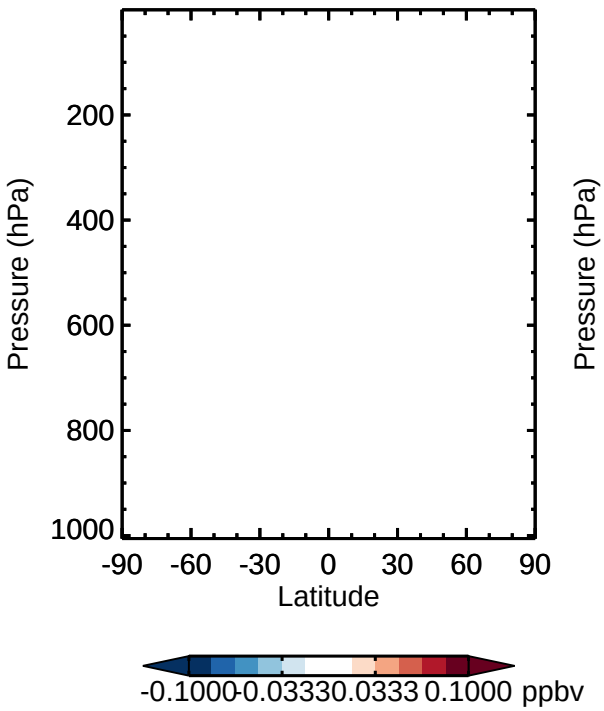
v11-01k-Run0 / v11-01g-Run0

CFC12 - Zonal mean % diff for Jul



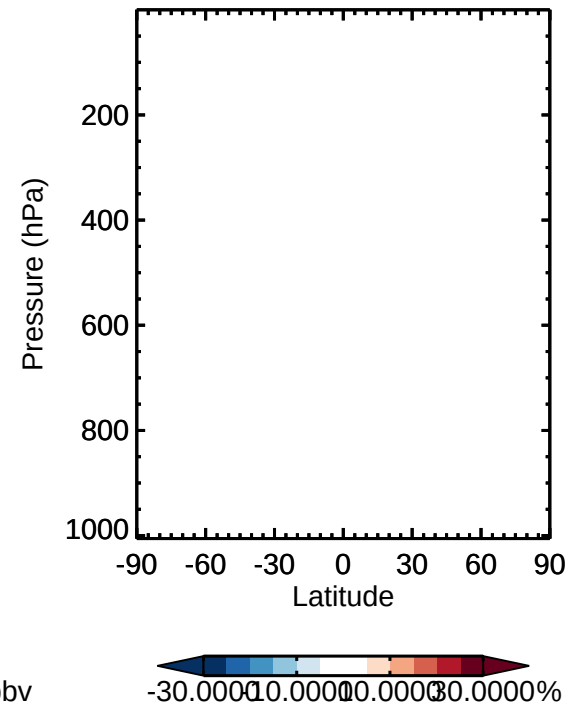
v11-01k-Run0 - v11-01f-geosfp-Run0

CFC12 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

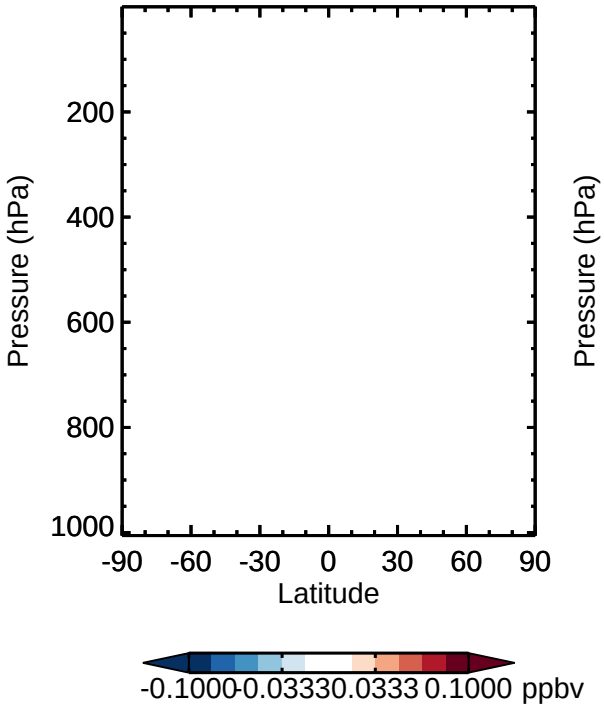
CFC12 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

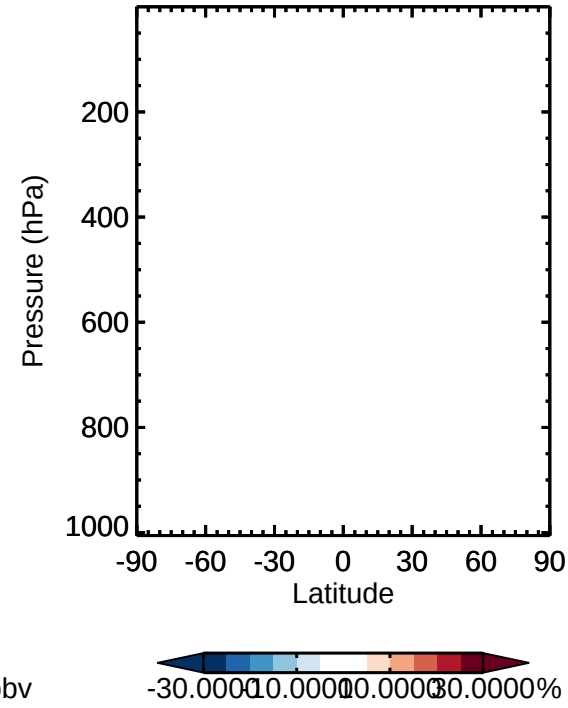
v11-01k-Run0 - v11-01g-Run0

HCFC22 - Zonal mean abs diff for Jul



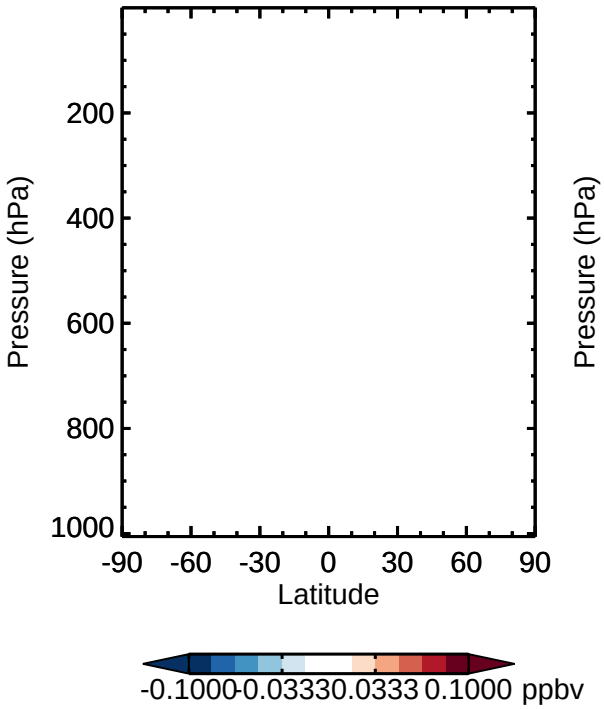
v11-01k-Run0 / v11-01g-Run0

HCFC22 - Zonal mean % diff for Jul



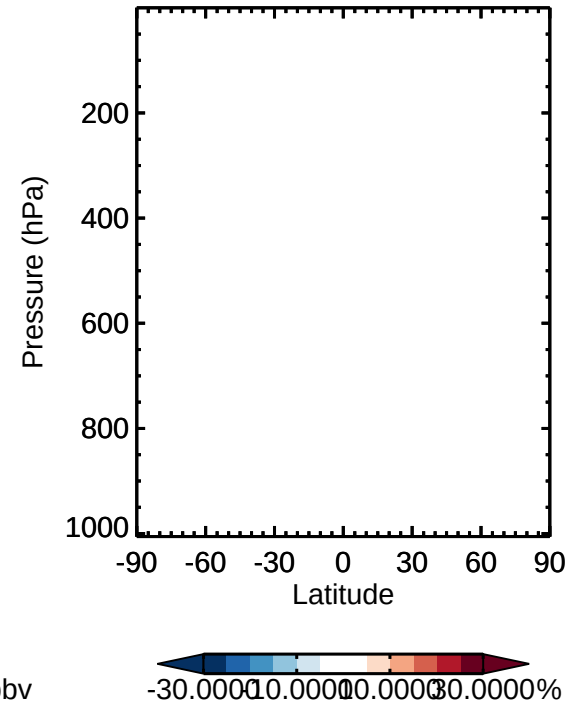
v11-01k-Run0 - v11-01f-geosfp-Run0

HCFC22 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

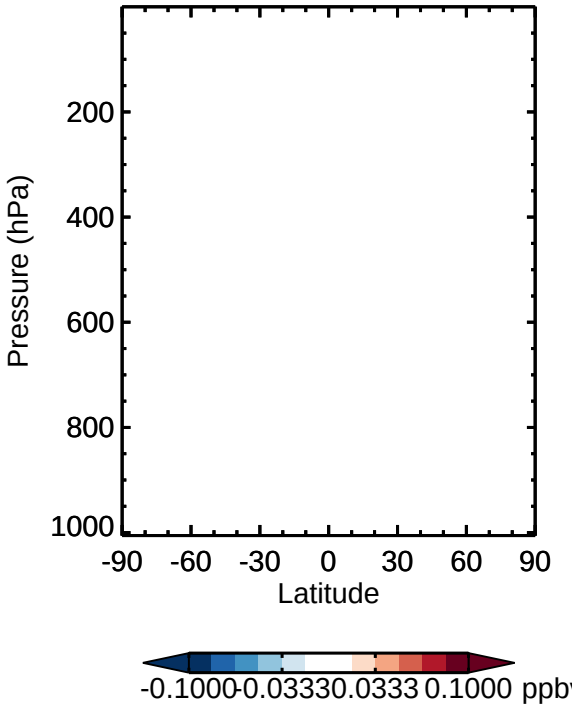
HCFC22 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

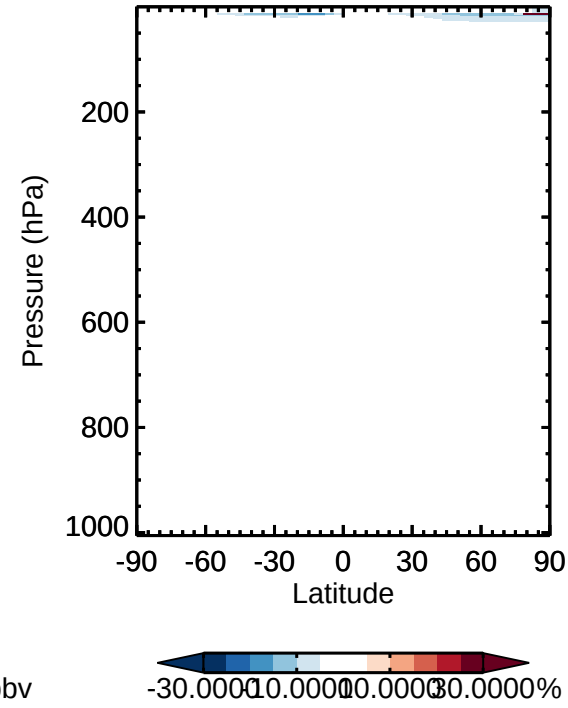
v11-01k-Run0 - v11-01g-Run0

H1211 - Zonal mean abs diff for Jul



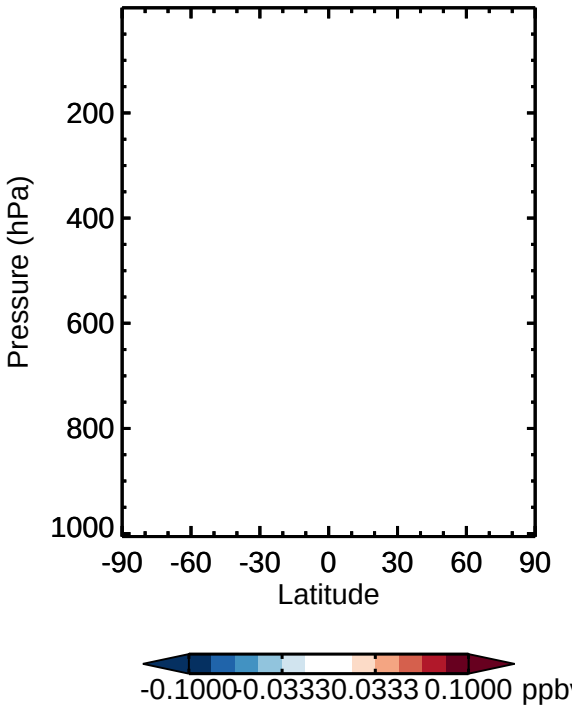
v11-01k-Run0 / v11-01g-Run0

H1211 - Zonal mean % diff for Jul



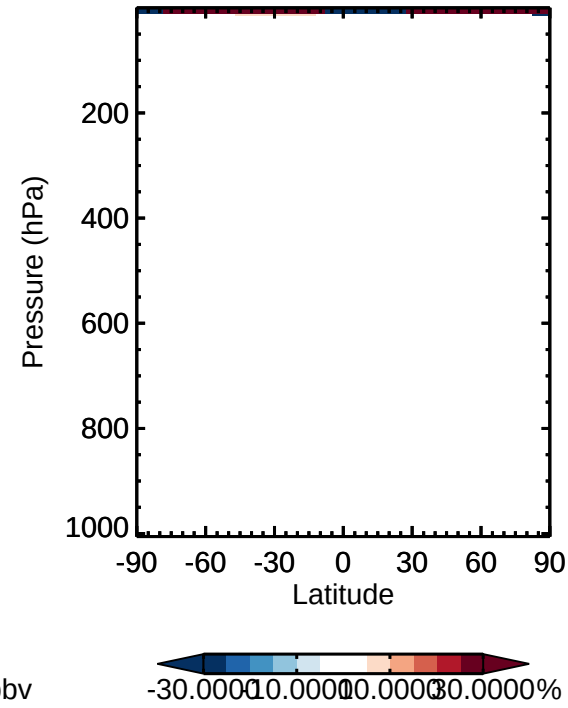
v11-01k-Run0 - v11-01f-geosfp-Run0

H1211 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

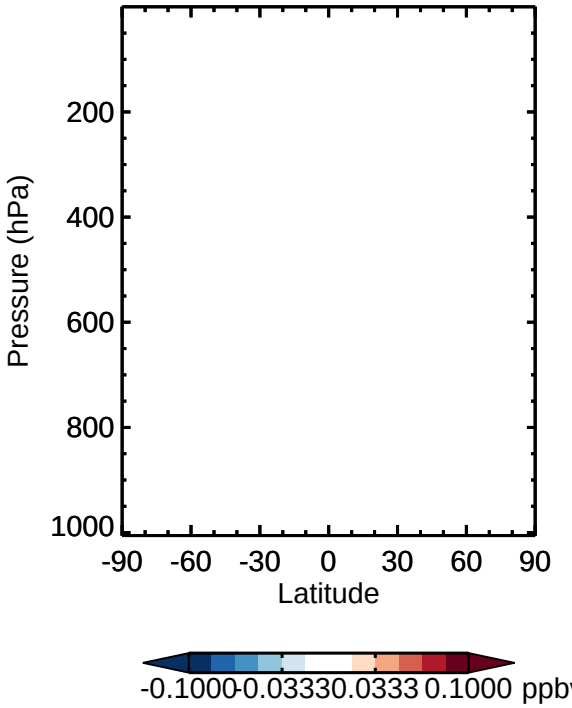
H1211 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

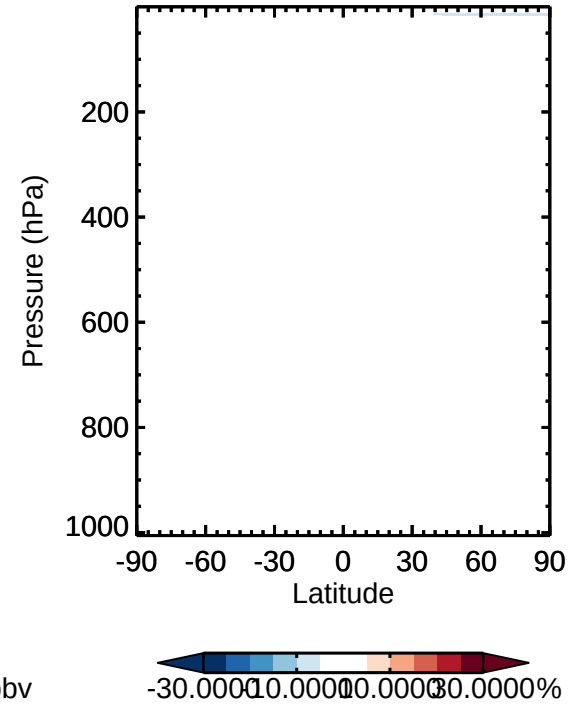
v11-01k-Run0 - v11-01g-Run0

H1301 - Zonal mean abs diff for Jul



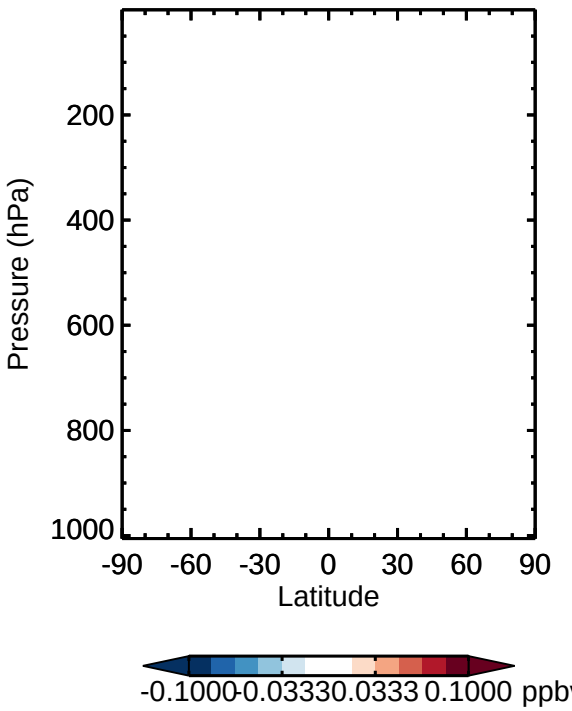
v11-01k-Run0 / v11-01g-Run0

H1301 - Zonal mean % diff for Jul



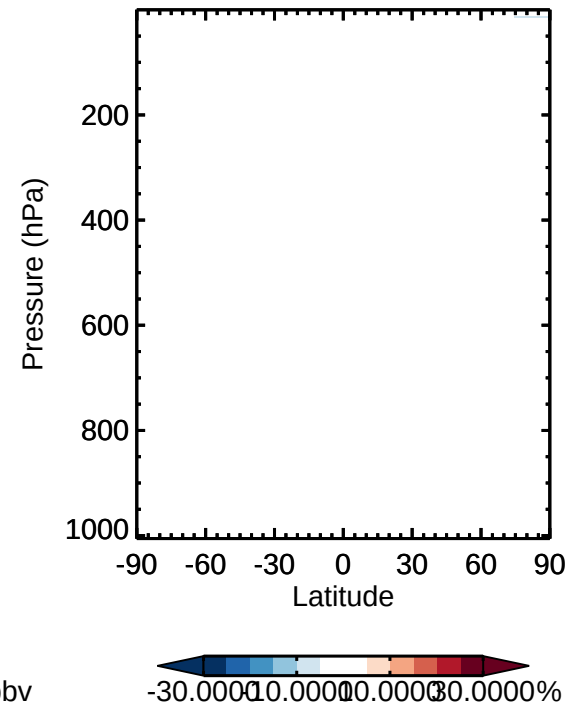
v11-01k-Run0 - v11-01f-geosfp-Run0

H1301 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

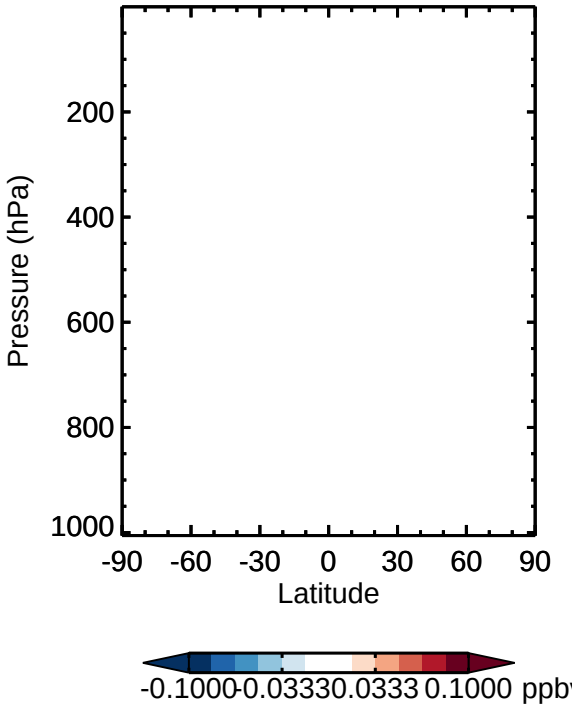
H1301 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

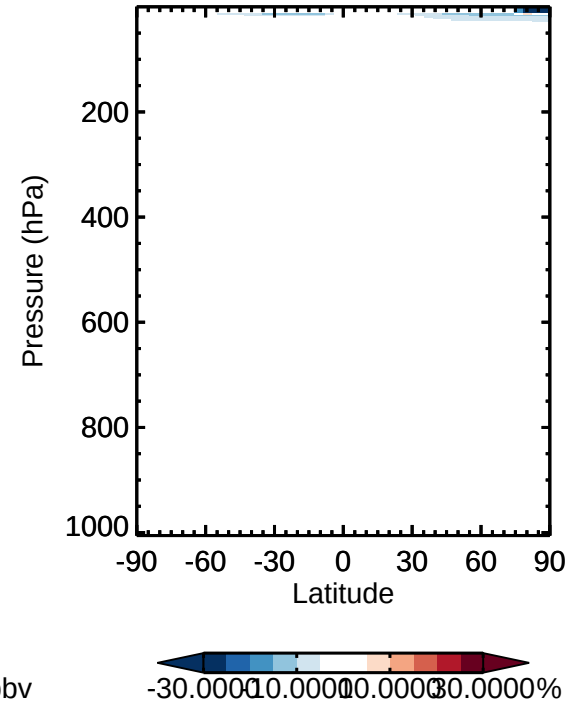
v11-01k-Run0 - v11-01g-Run0

H2402 - Zonal mean abs diff for Jul



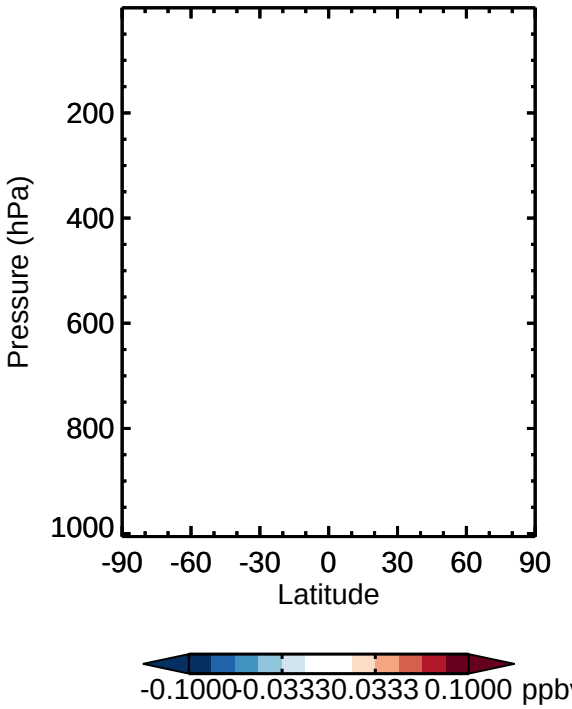
v11-01k-Run0 / v11-01g-Run0

H2402 - Zonal mean % diff for Jul



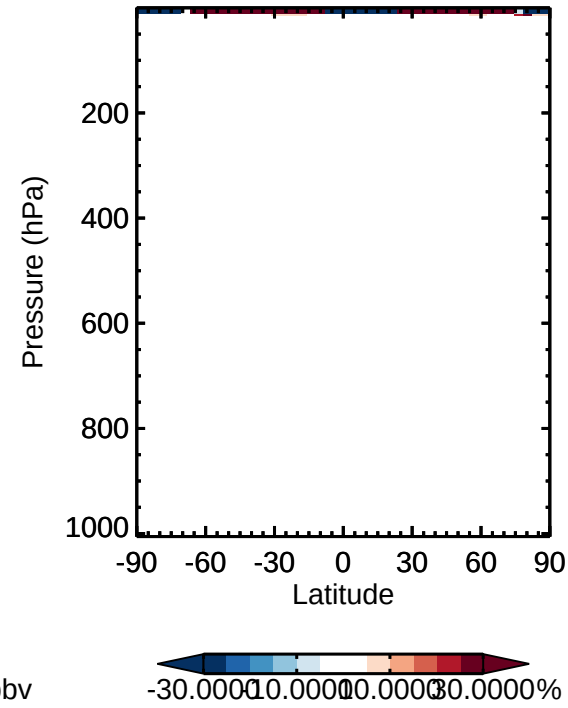
v11-01k-Run0 - v11-01f-geosfp-Run0

H2402 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

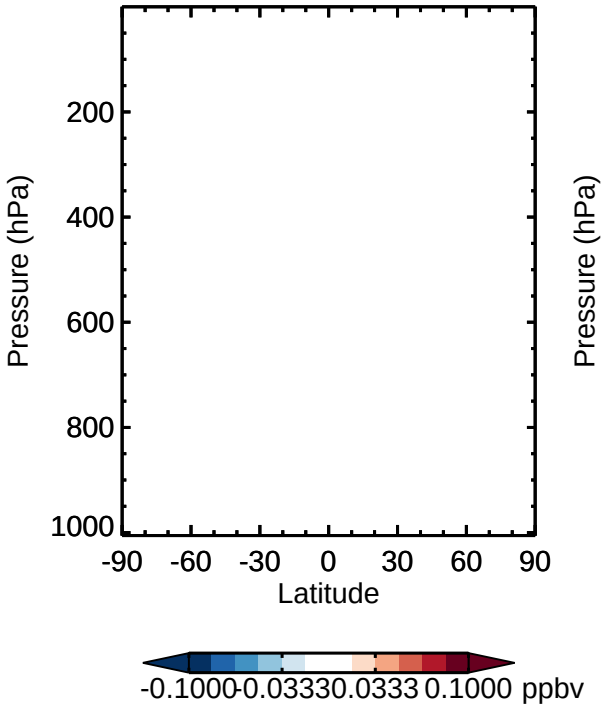
H2402 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

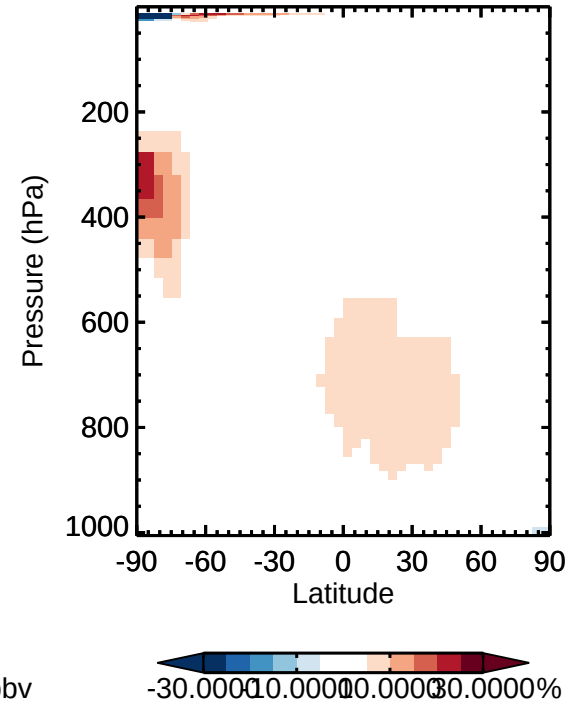
v11-01k-Run0 - v11-01g-Run0

Cl - Zonal mean abs diff for Jul



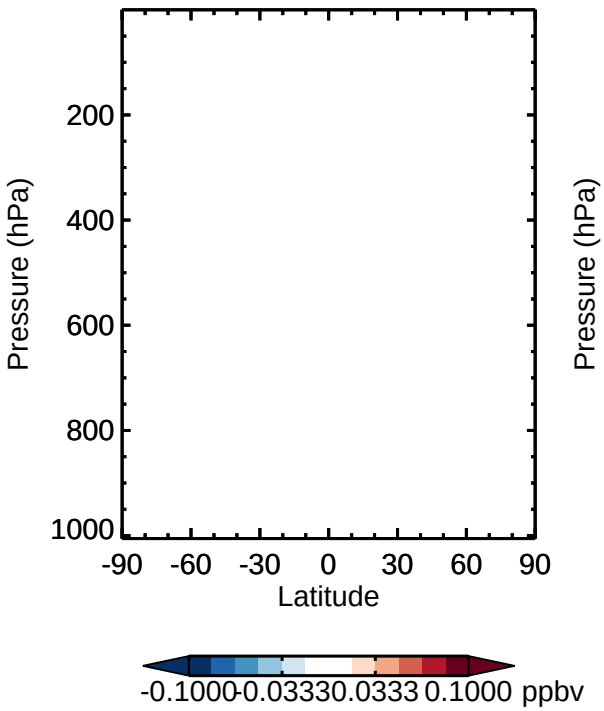
v11-01k-Run0 / v11-01g-Run0

Cl - Zonal mean % diff for Jul



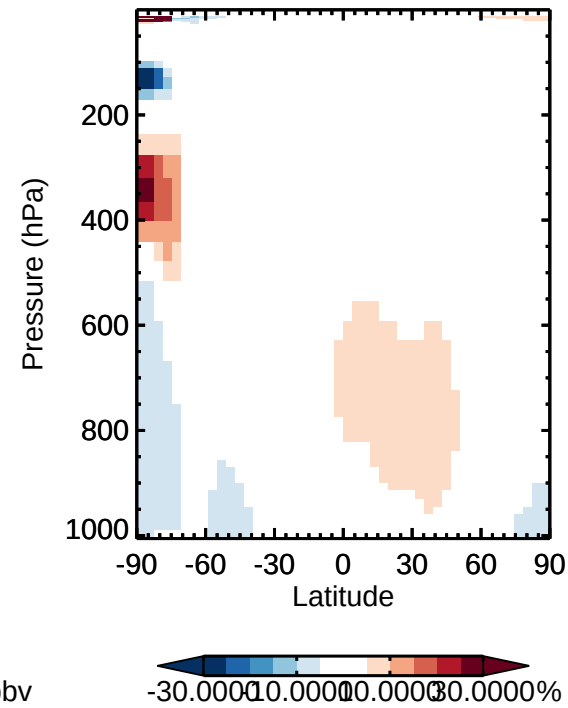
v11-01k-Run0 - v11-01f-geosfp-Run0

Cl - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

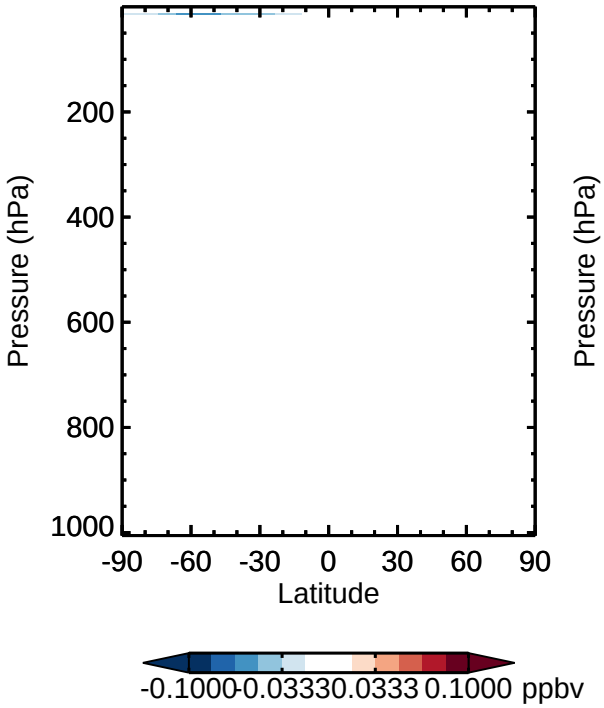
Cl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

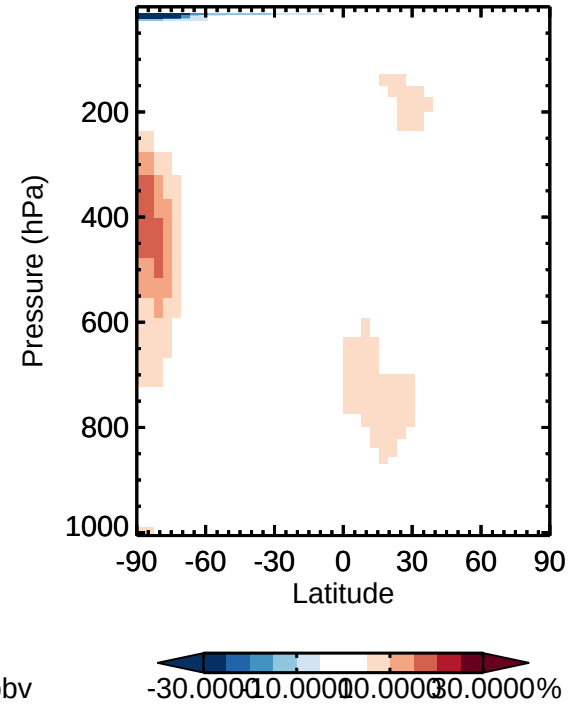
v11-01k-Run0 - v11-01g-Run0

ClO - Zonal mean abs diff for Jul



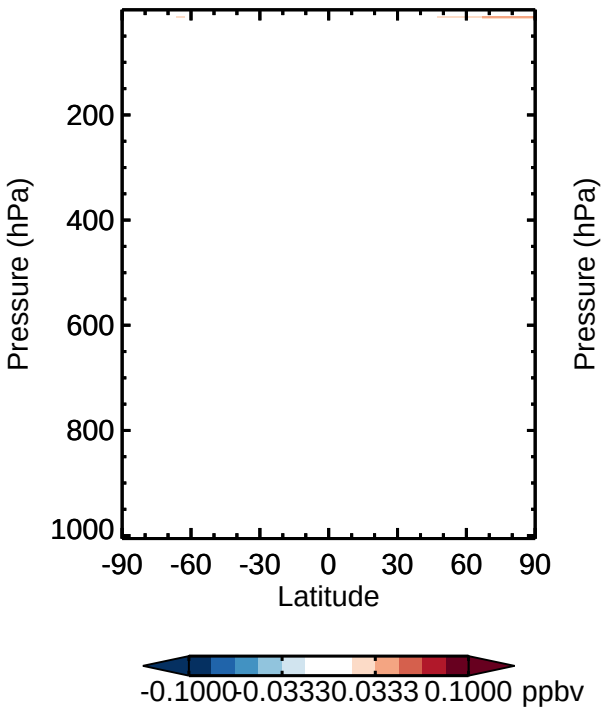
v11-01k-Run0 / v11-01g-Run0

ClO - Zonal mean % diff for Jul



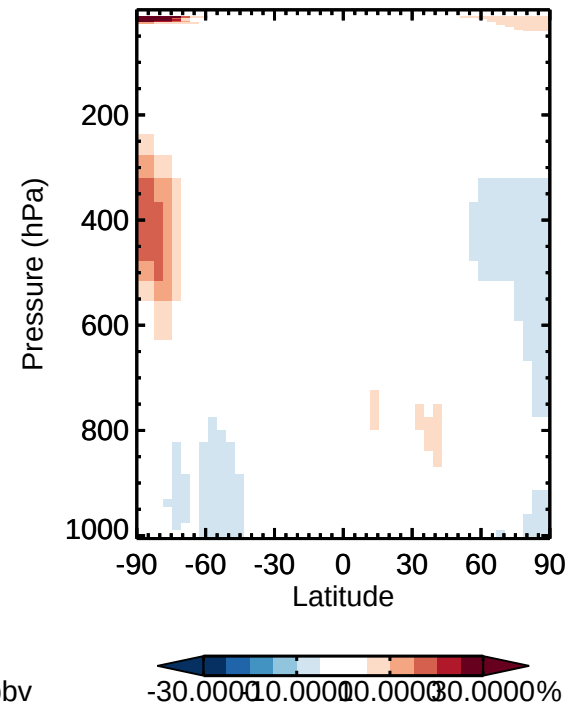
v11-01k-Run0 - v11-01f-geosfp-Run0

ClO - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

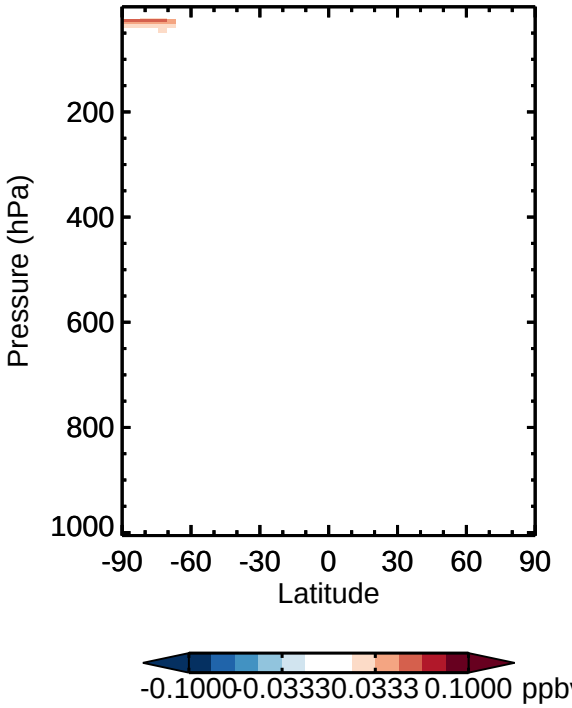
ClO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

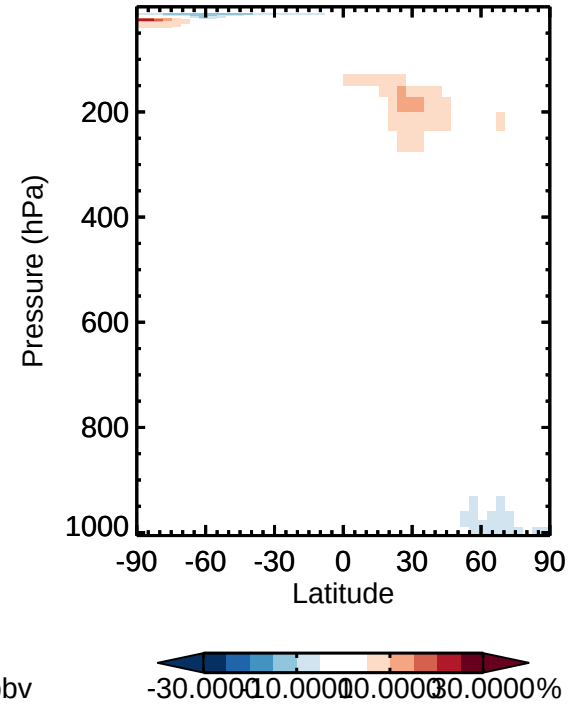
v11-01k-Run0 - v11-01g-Run0

HOCl - Zonal mean abs diff for Jul



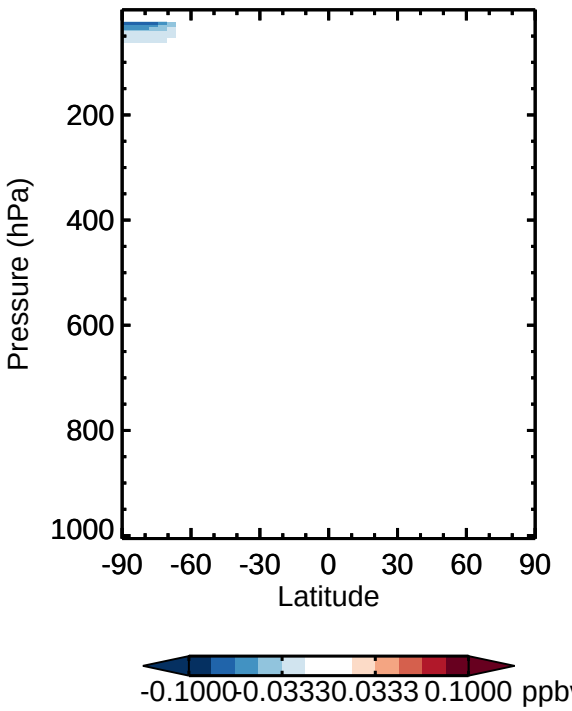
v11-01k-Run0 / v11-01g-Run0

HOCl - Zonal mean % diff for Jul



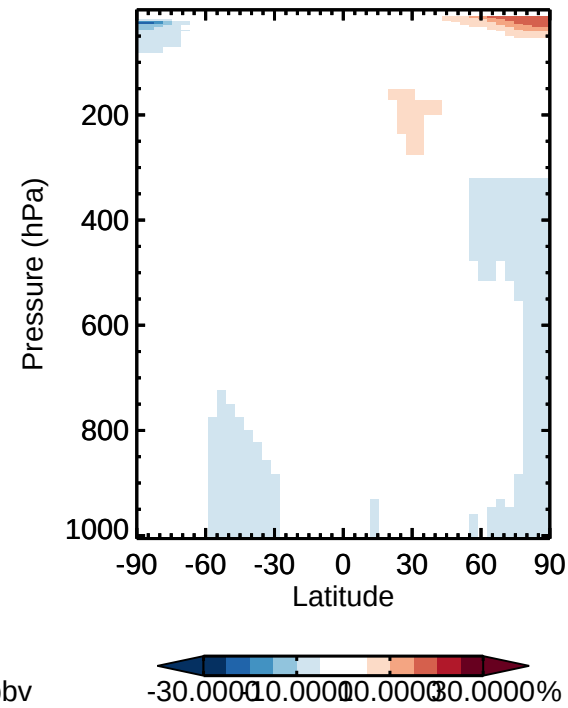
v11-01k-Run0 - v11-01f-geosfp-Run0

HOCl - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

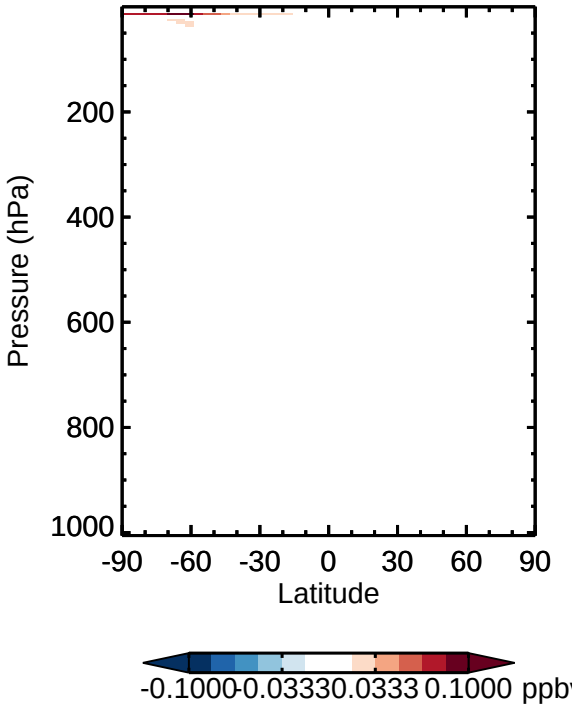
HOCl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

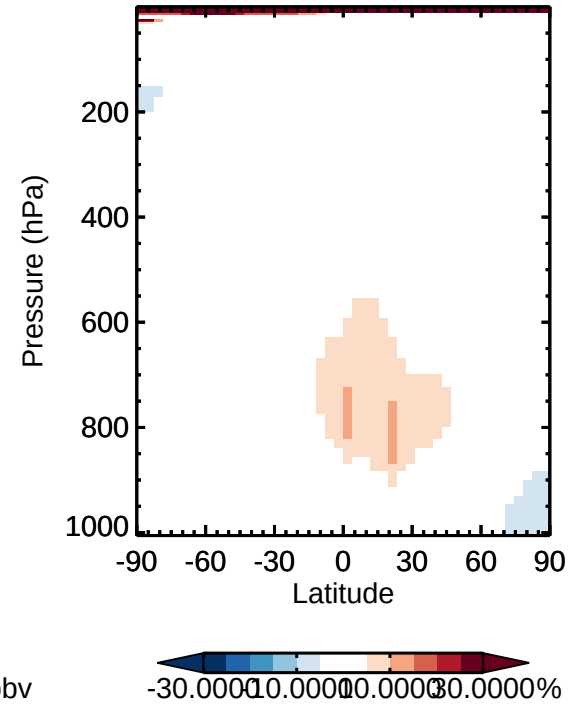
v11-01k-Run0 - v11-01g-Run0

ClNO3 - Zonal mean abs diff for Jul



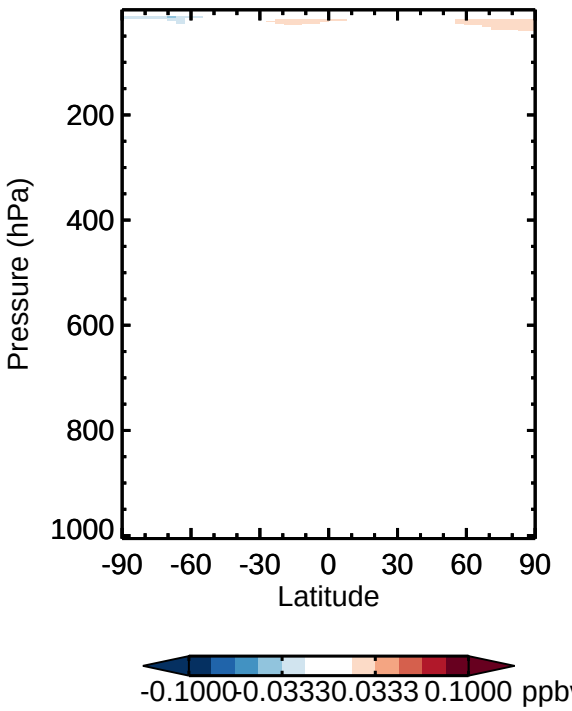
v11-01k-Run0 / v11-01g-Run0

ClNO3 - Zonal mean % diff for Jul



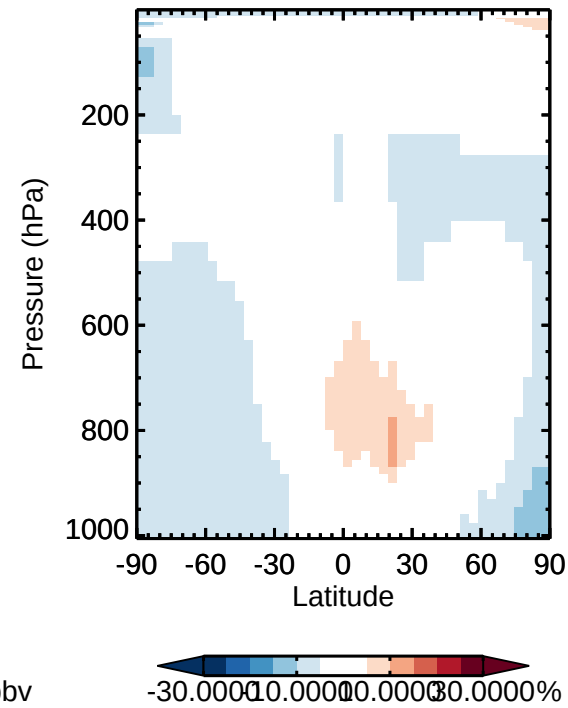
v11-01k-Run0 - v11-01f-geosfp-Run0

ClNO3 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

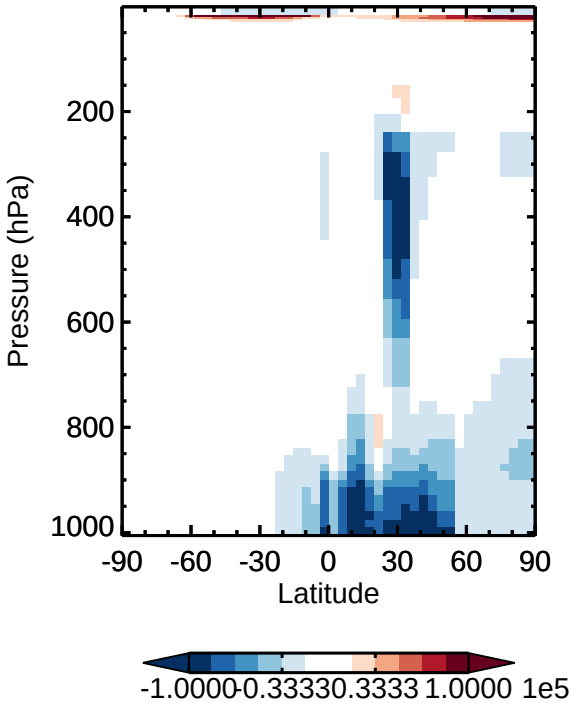
ClNO3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

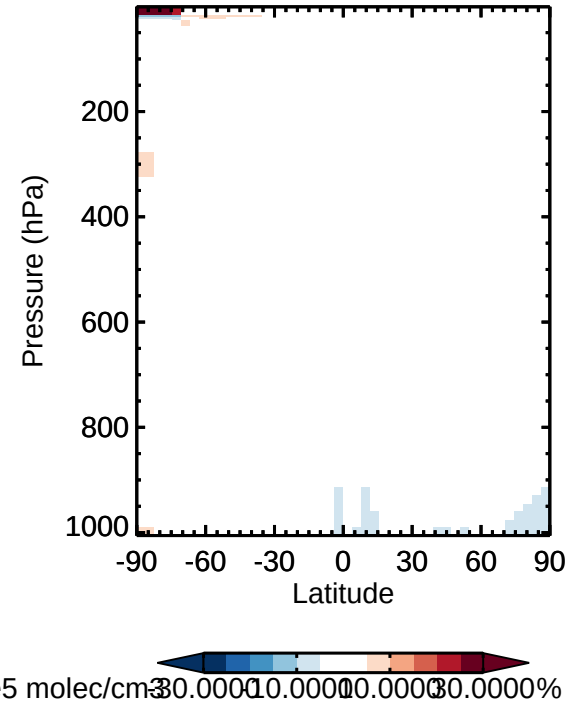
v11-01k-Run0 - v11-01g-Run0

OH - Zonal mean abs diff for Jul



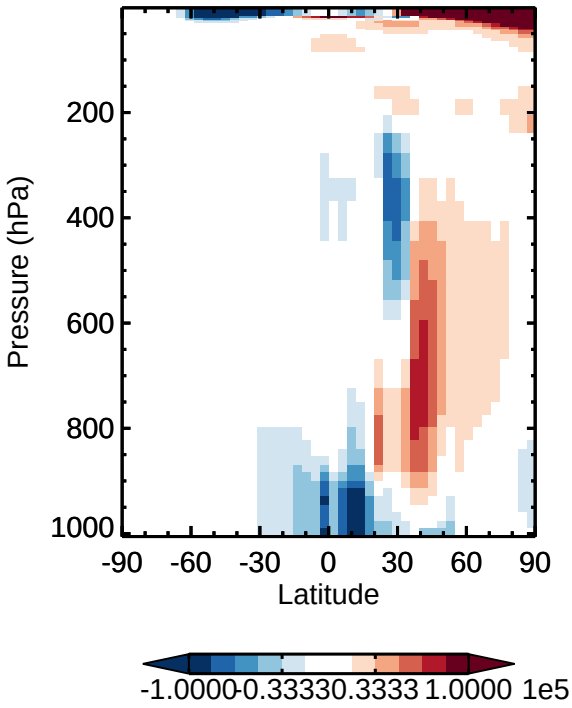
v11-01k-Run0 / v11-01g-Run0

OH - Zonal mean % diff for Jul



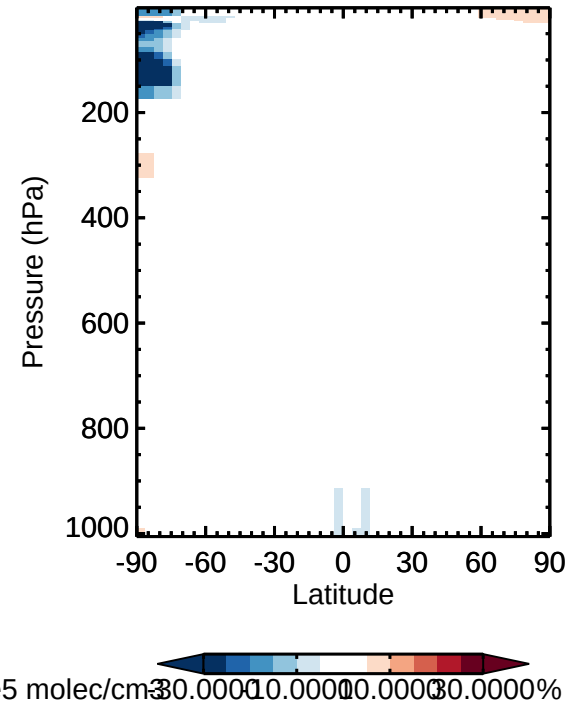
v11-01k-Run0 - v11-01f-geosfp-Run0

OH - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

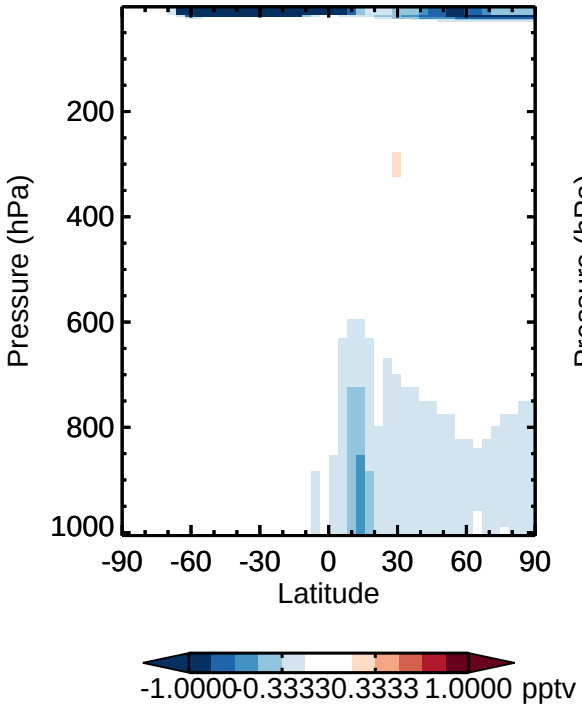
OH - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

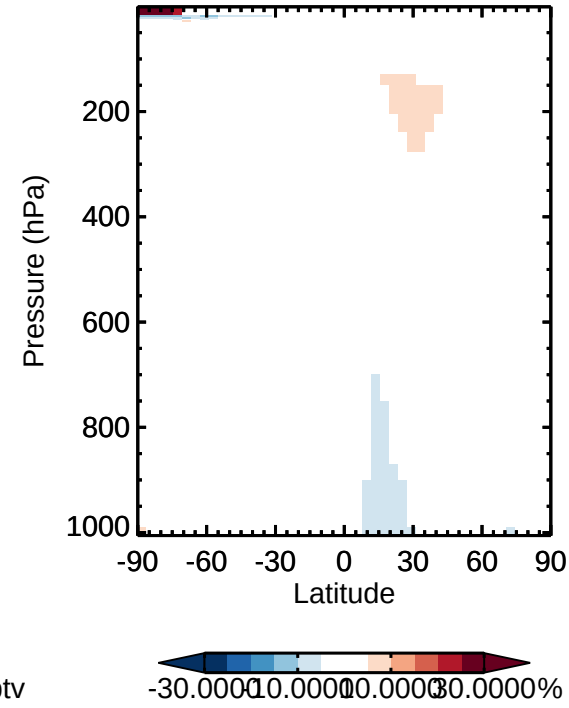
v11-01k-Run0 - v11-01g-Run0

HO2 - Zonal mean abs diff for Jul



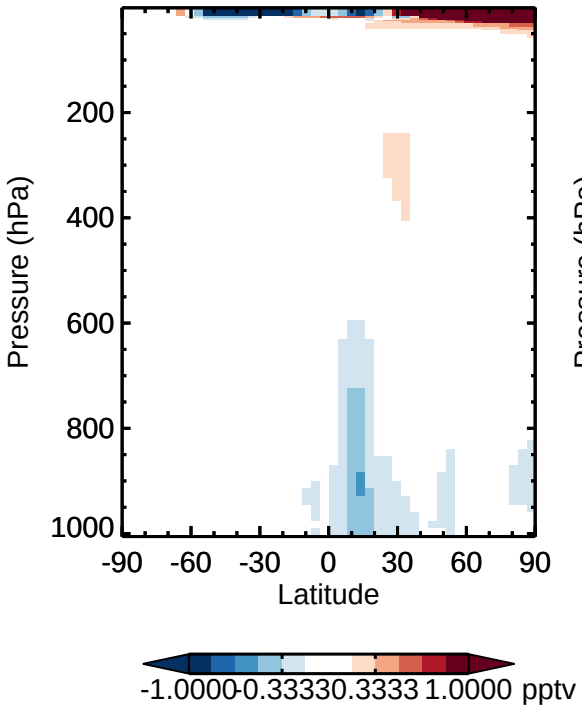
v11-01k-Run0 / v11-01g-Run0

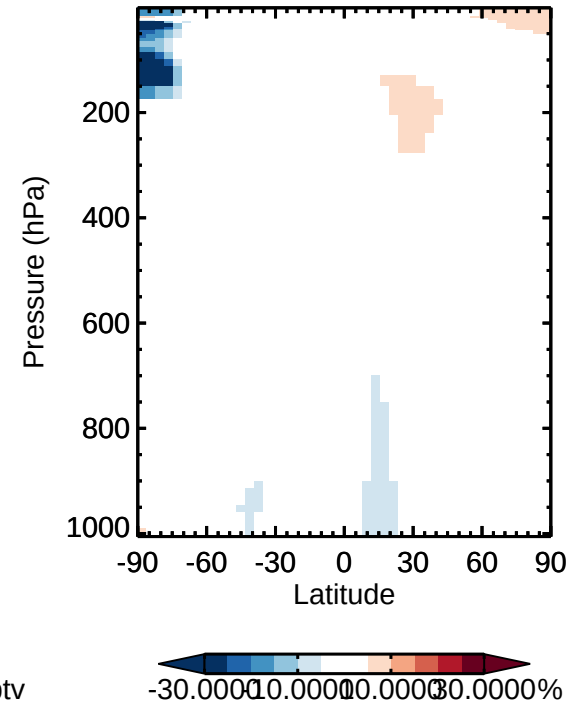
HO2 - Zonal mean % diff for Jul



v11-01k-Run0 - v11-01f-geosfp-Run0

HO2 - Zonal mean abs diff for Jul



v11-01k-Run0 / v11-01f-geosfp-Run0

HO2 - Zonal mean % diff for Jul