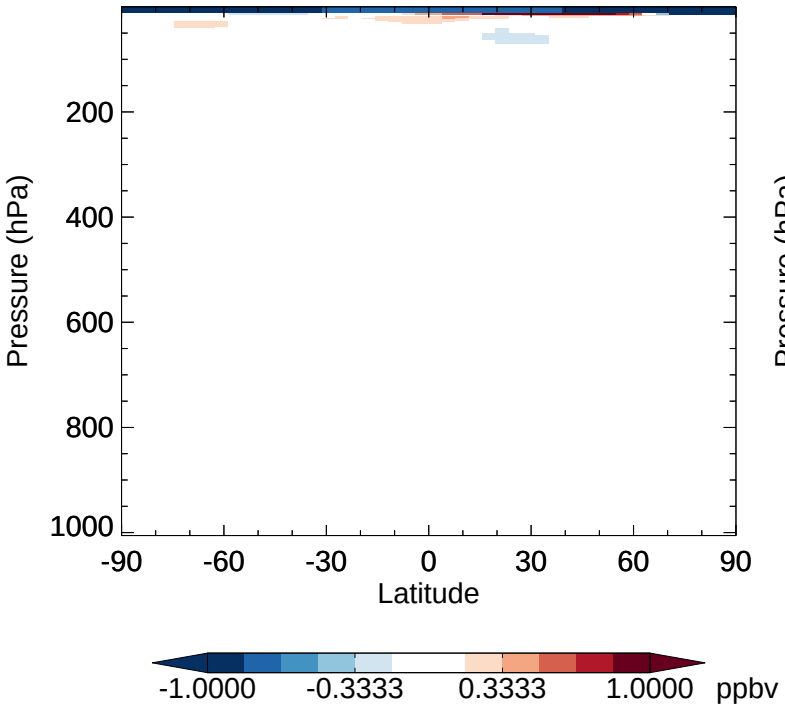
GEOS-Chem Zonal Difference Maps

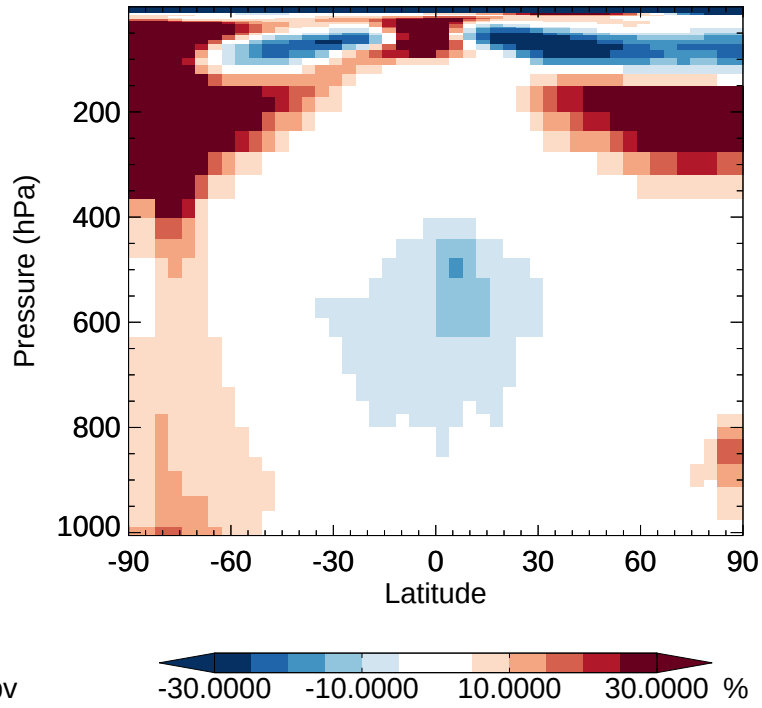
v11-02e-Run0 - v11-02d-Run1

NO - Zonal mean abs diff for Apr



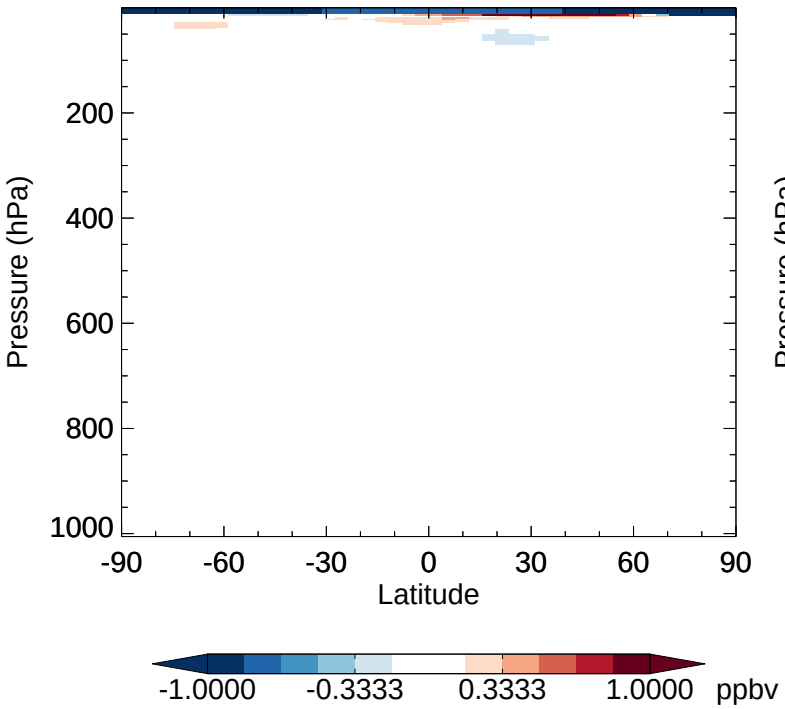
v11-02e-Run0 / v11-02d-Run1

NO - Zonal mean % diff for Apr



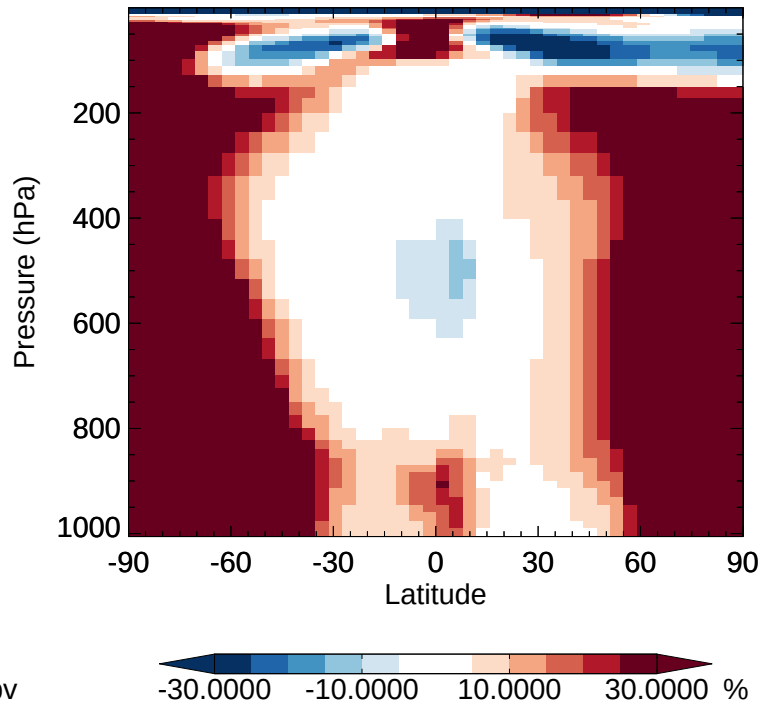
v11-02e-Run0 - v11-02c-Run0

NO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

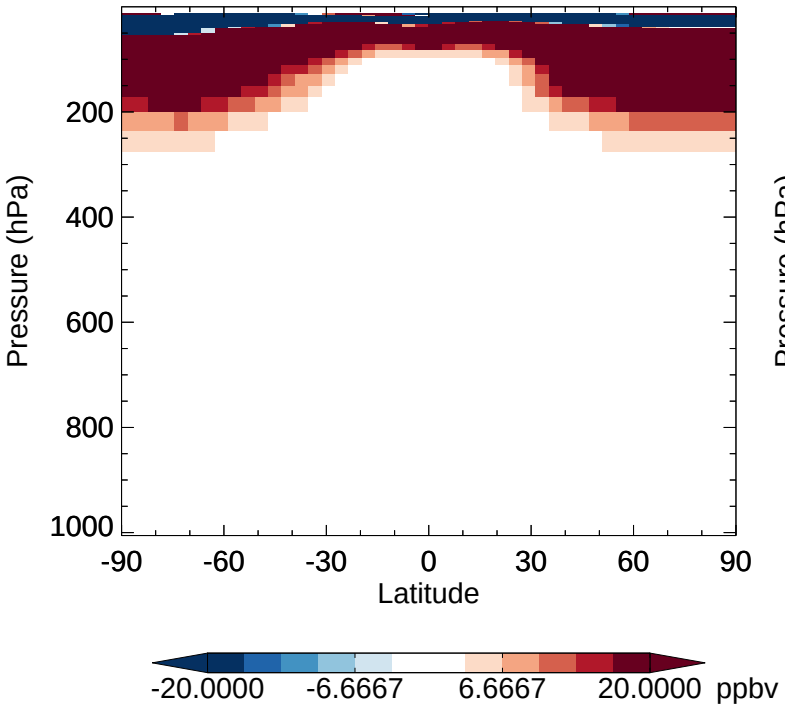
NO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

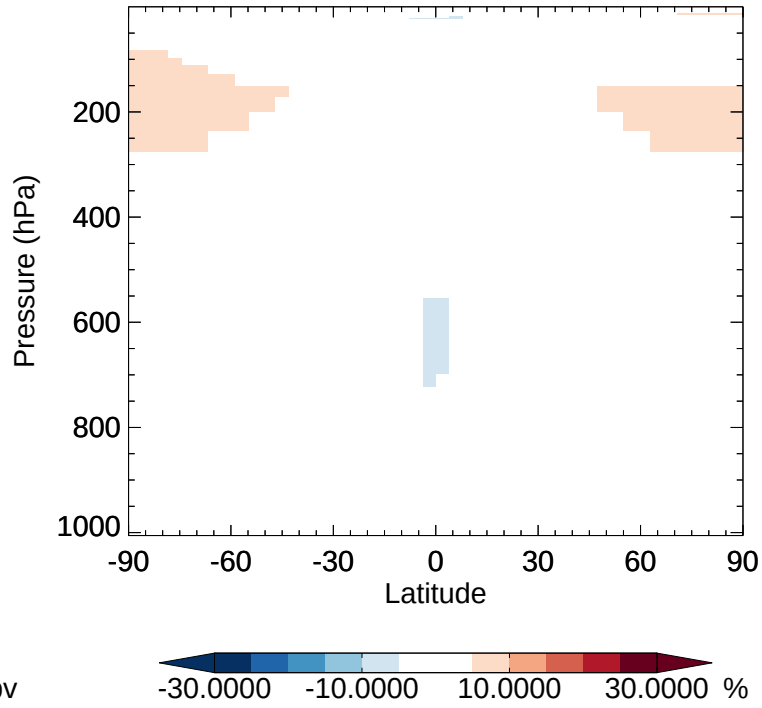
v11-02e-Run0 - v11-02d-Run1

O3 - Zonal mean abs diff for Apr



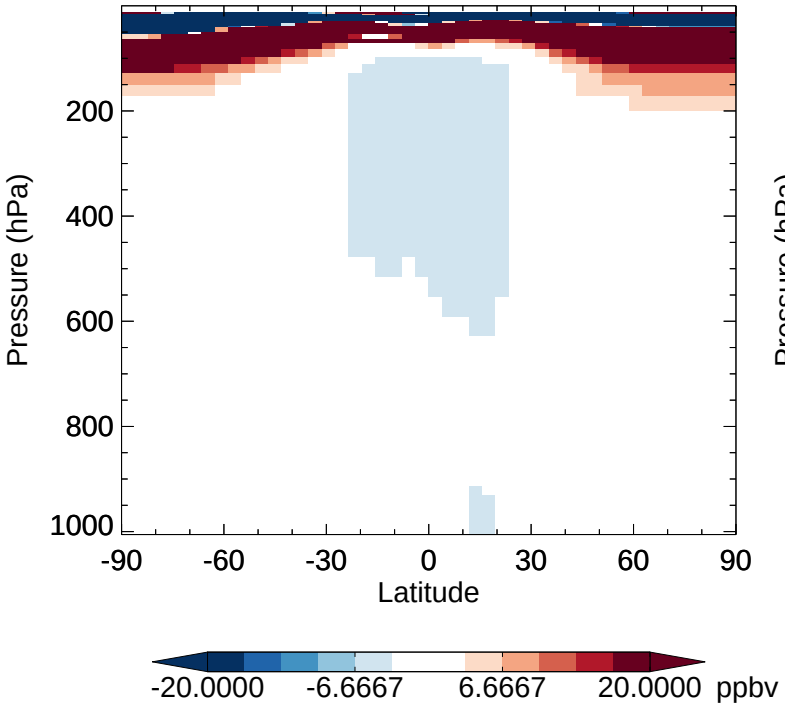
v11-02e-Run0 / v11-02d-Run1

O3 - Zonal mean % diff for Apr



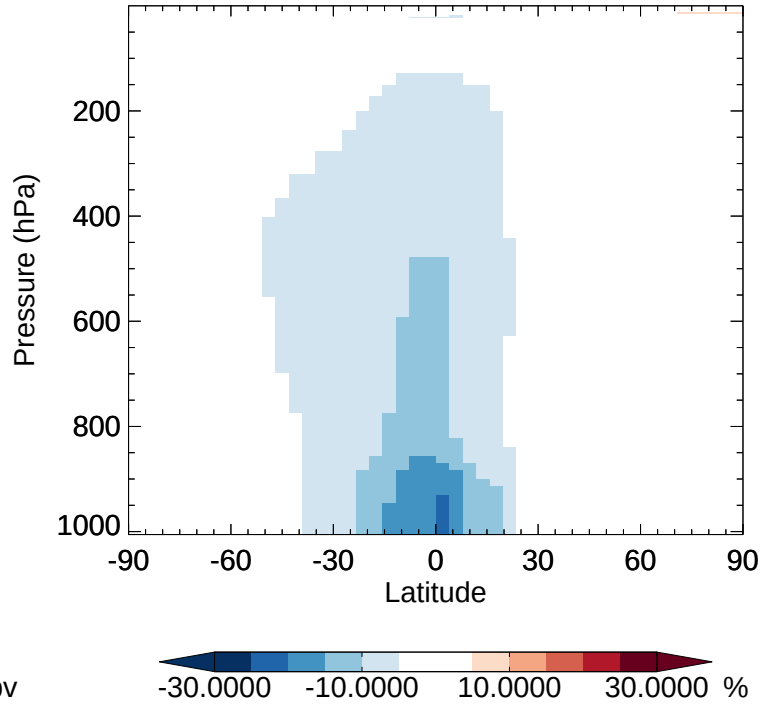
v11-02e-Run0 - v11-02c-Run0

O3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

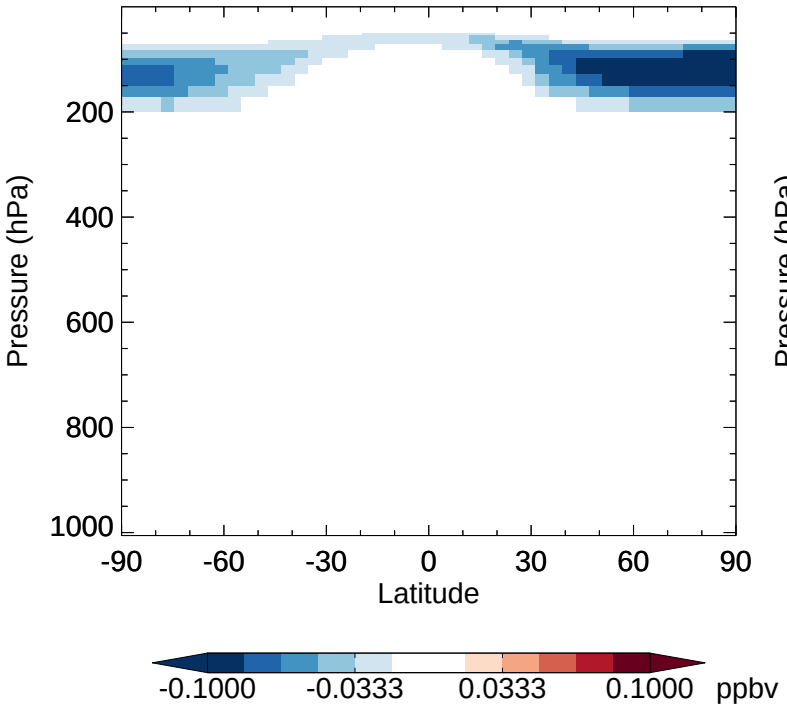
O3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

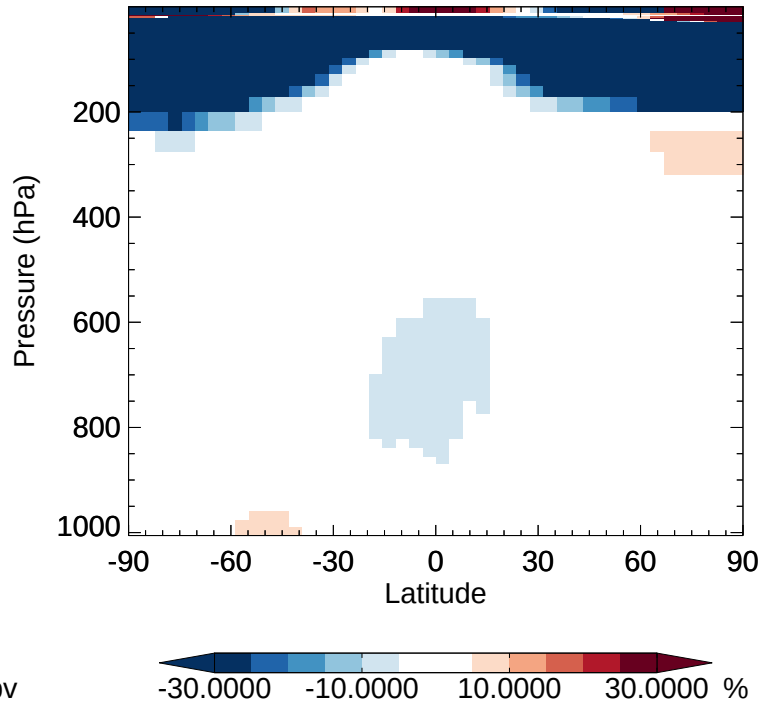
v11-02e-Run0 - v11-02d-Run1

PAN - Zonal mean abs diff for Apr



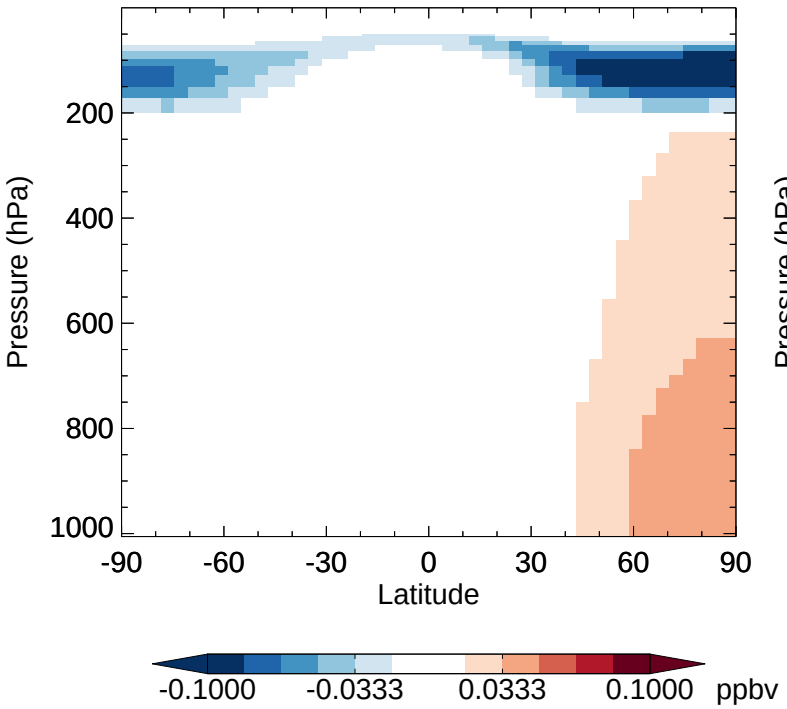
v11-02e-Run0 / v11-02d-Run1

PAN - Zonal mean % diff for Apr



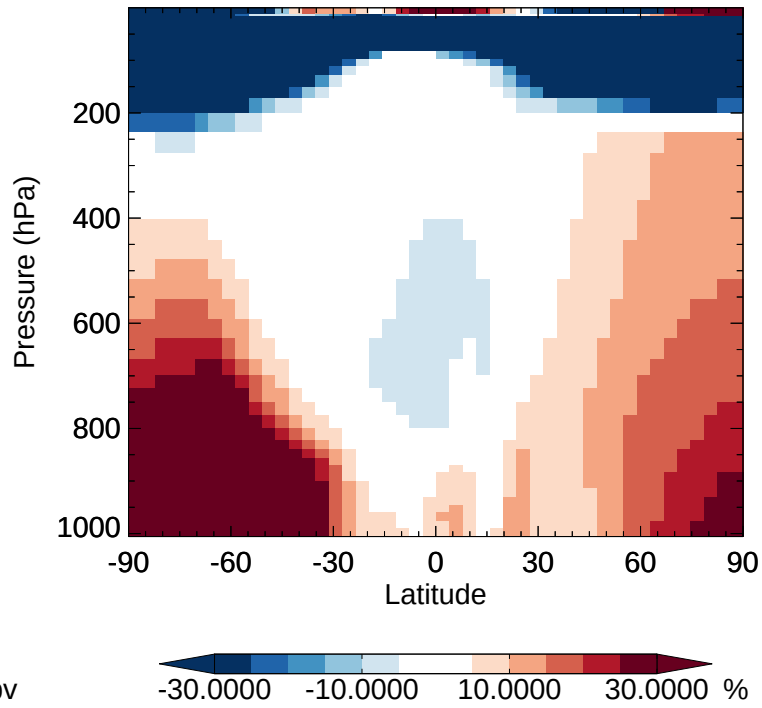
v11-02e-Run0 - v11-02c-Run0

PAN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

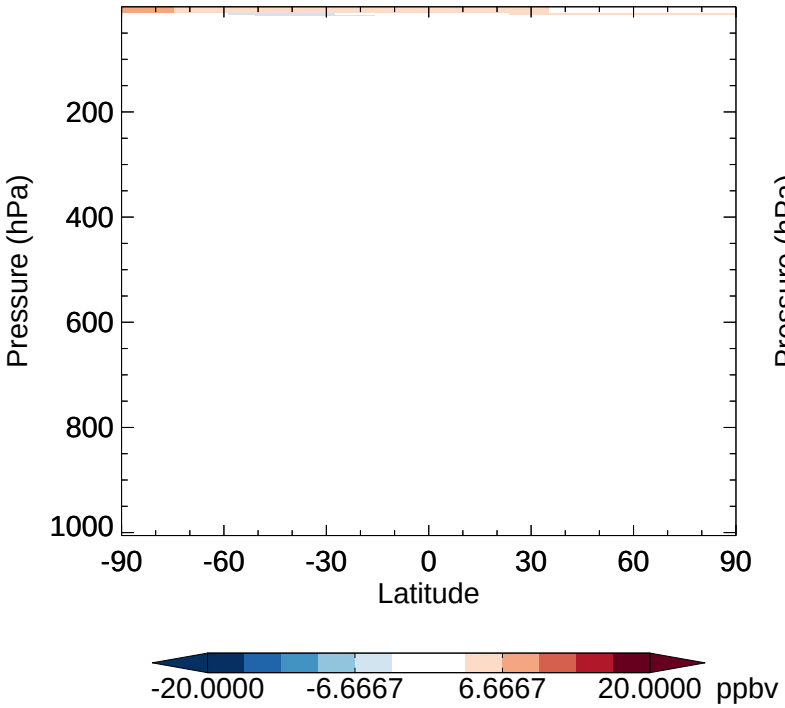
PAN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

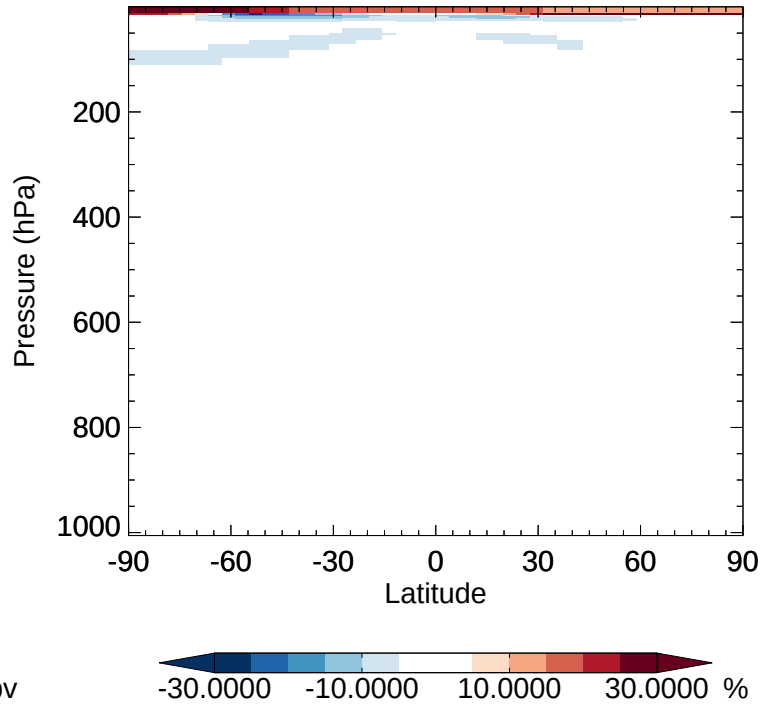
v11-02e-Run0 - v11-02d-Run1

CO - Zonal mean abs diff for Apr



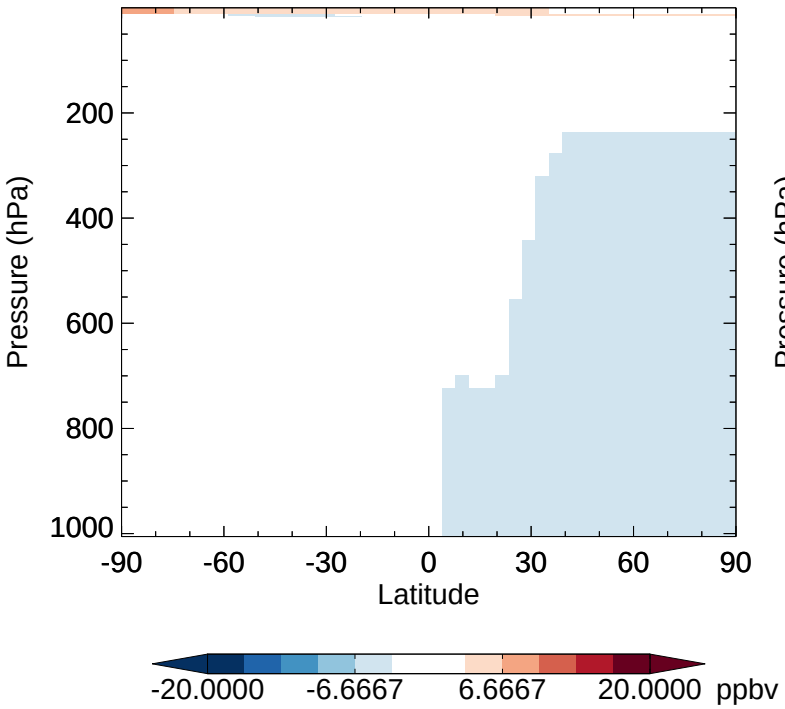
v11-02e-Run0 / v11-02d-Run1

CO - Zonal mean % diff for Apr



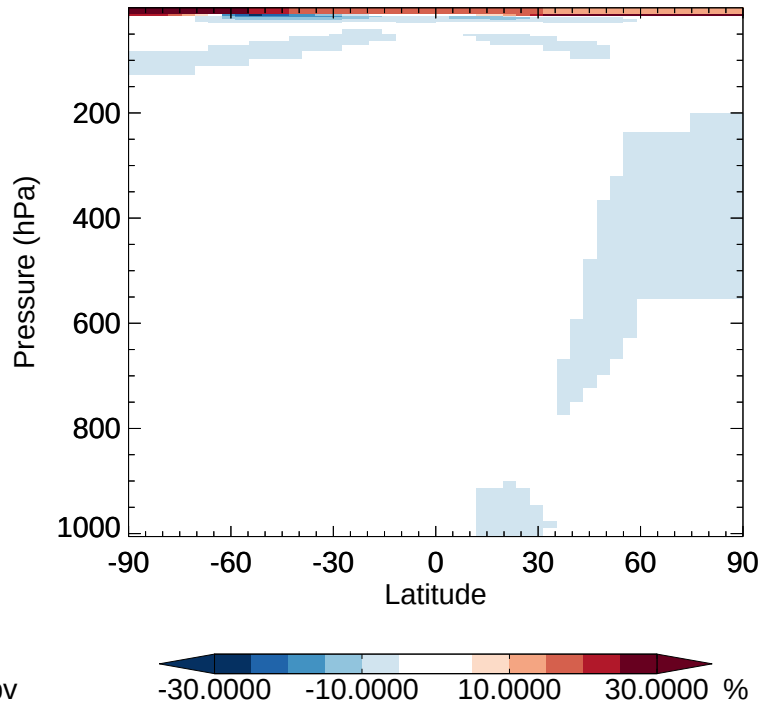
v11-02e-Run0 - v11-02c-Run0

CO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

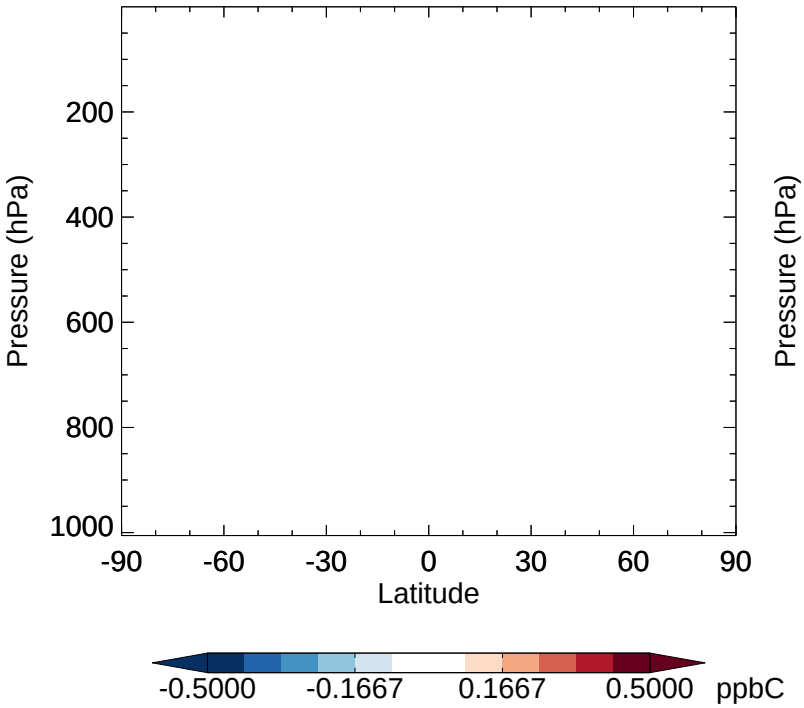
CO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

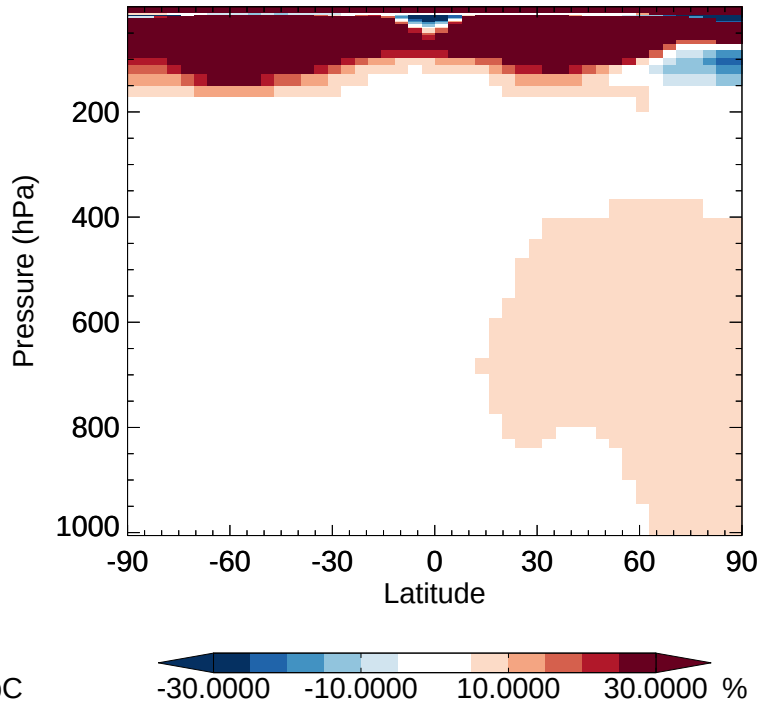
v11-02e-Run0 - v11-02d-Run1

ALK4 - Zonal mean abs diff for Apr



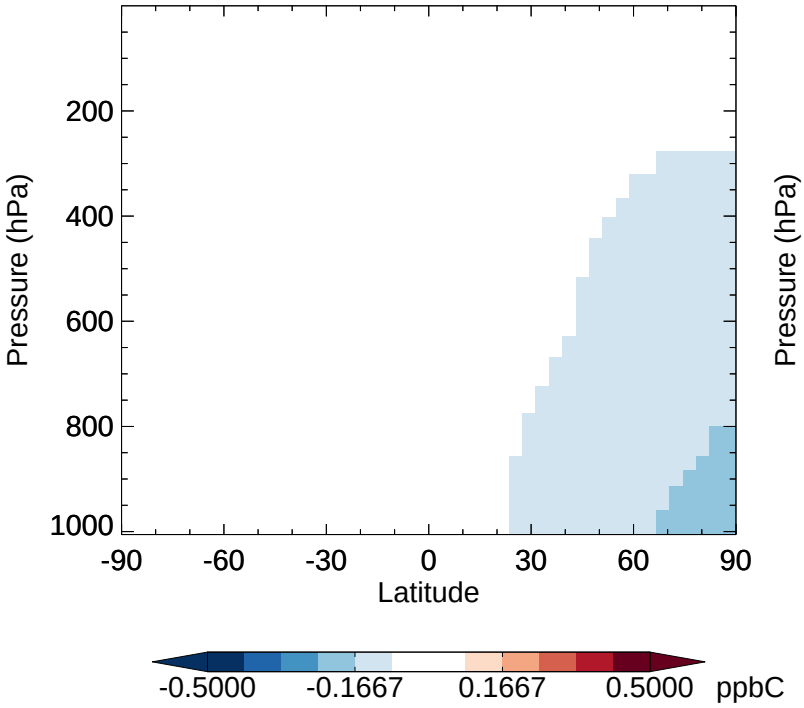
v11-02e-Run0 / v11-02d-Run1

ALK4 - Zonal mean % diff for Apr



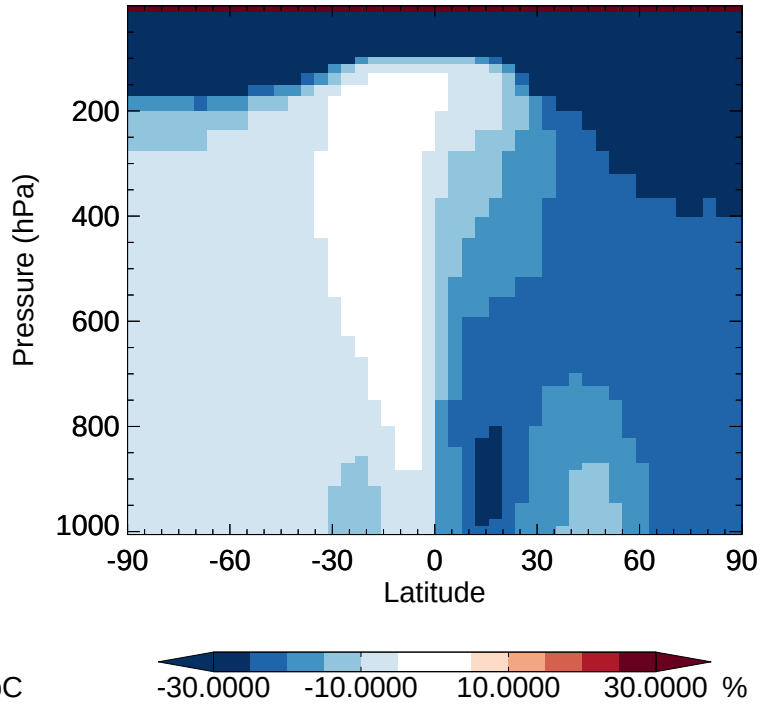
v11-02e-Run0 - v11-02c-Run0

ALK4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

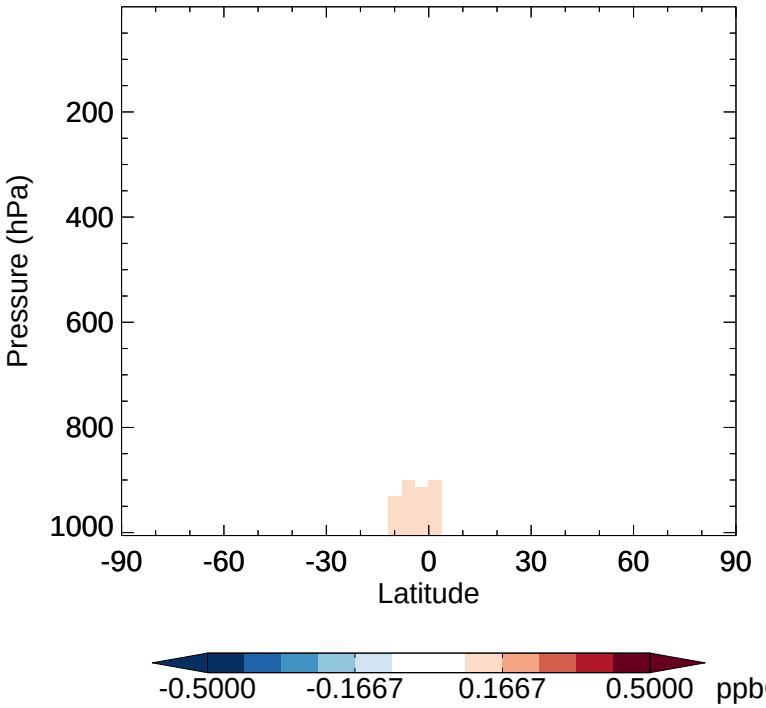
ALK4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

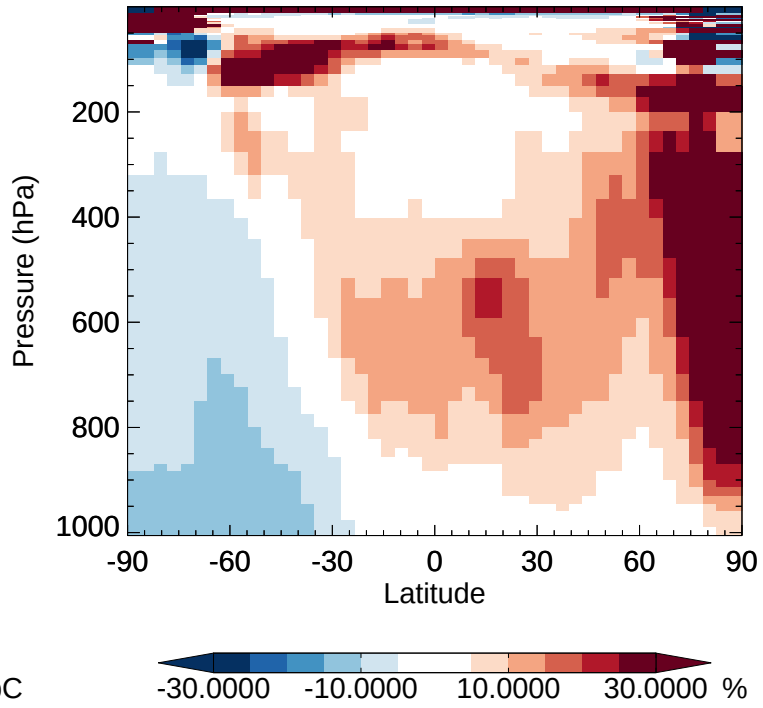
v11-02e-Run0 - v11-02d-Run1

ISOP - Zonal mean abs diff for Apr



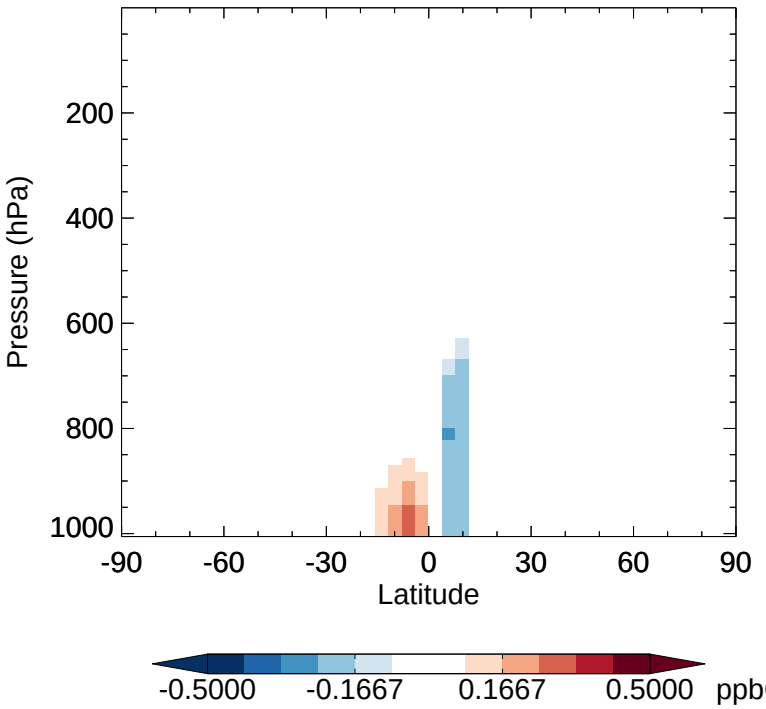
v11-02e-Run0 / v11-02d-Run1

ISOP - Zonal mean % diff for Apr



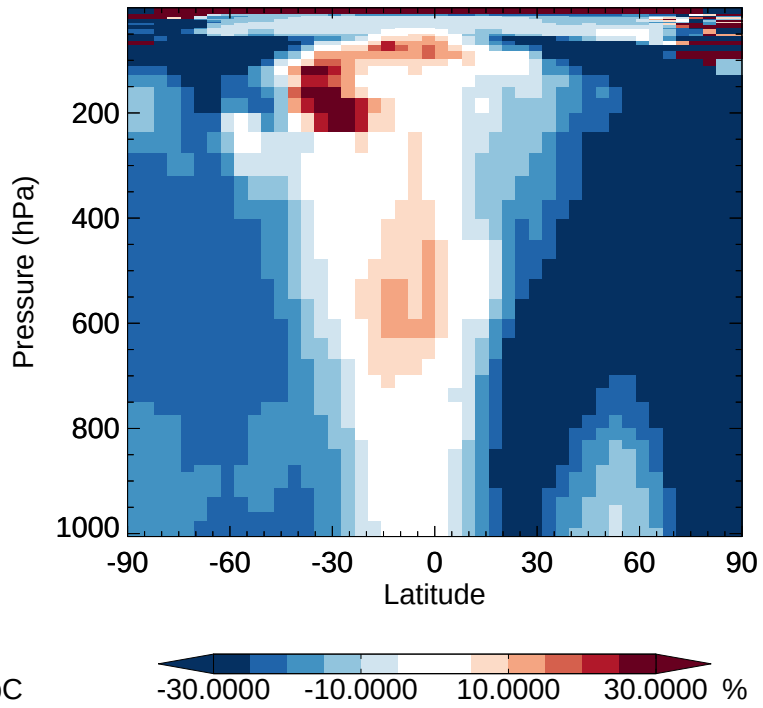
v11-02e-Run0 - v11-02c-Run0

ISOP - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

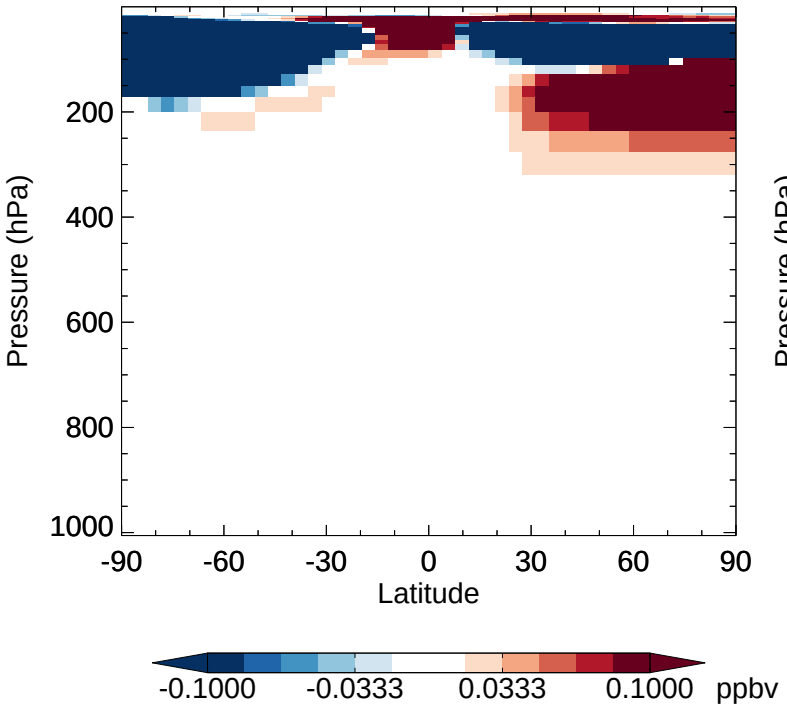
ISOP - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

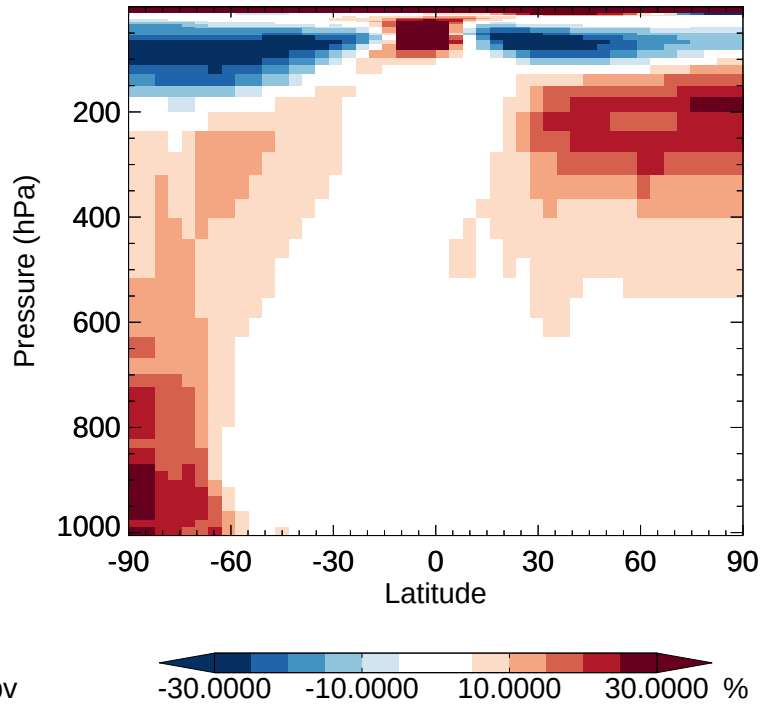
v11-02e-Run0 - v11-02d-Run1

HNO3 - Zonal mean abs diff for Apr



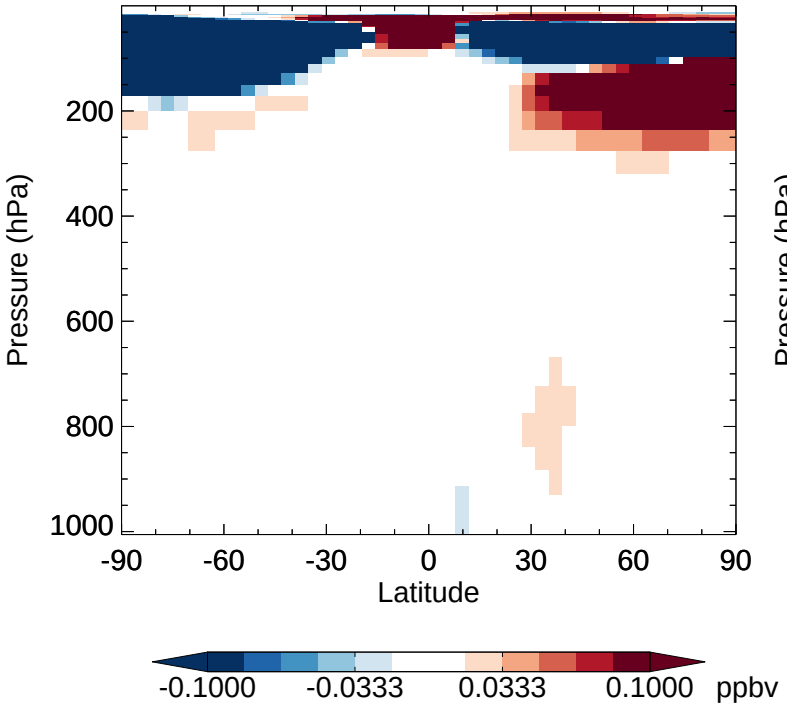
v11-02e-Run0 / v11-02d-Run1

HNO3 - Zonal mean % diff for Apr



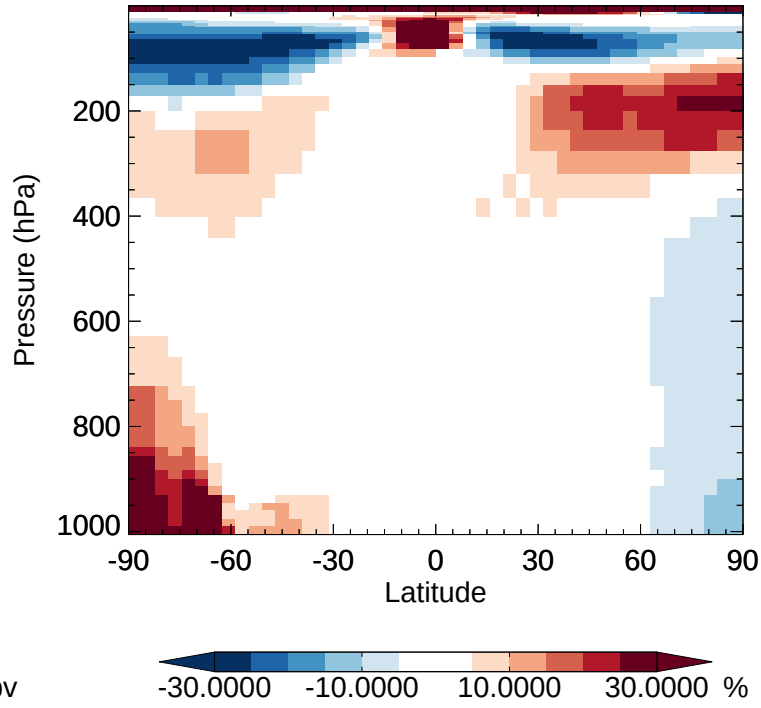
v11-02e-Run0 - v11-02c-Run0

HNO3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

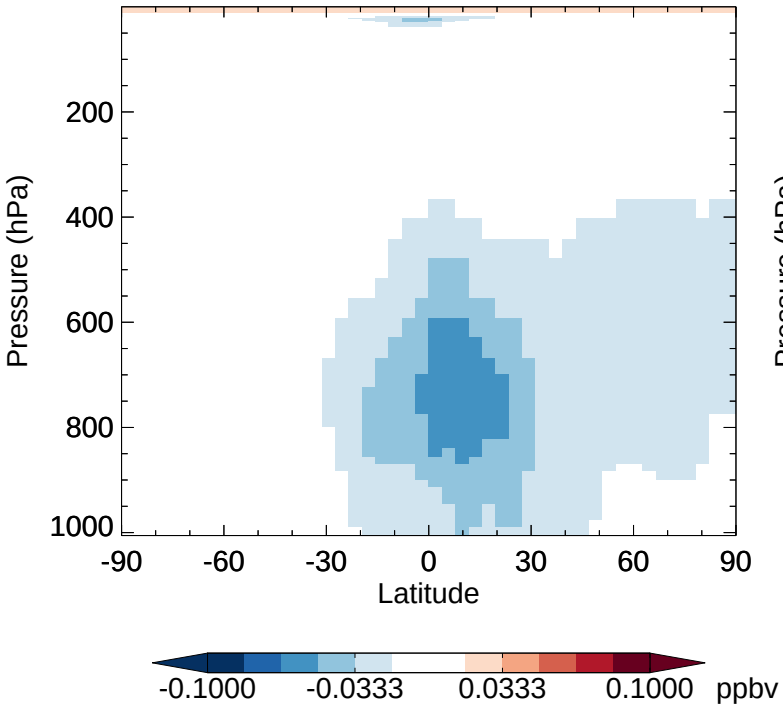
HNO3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

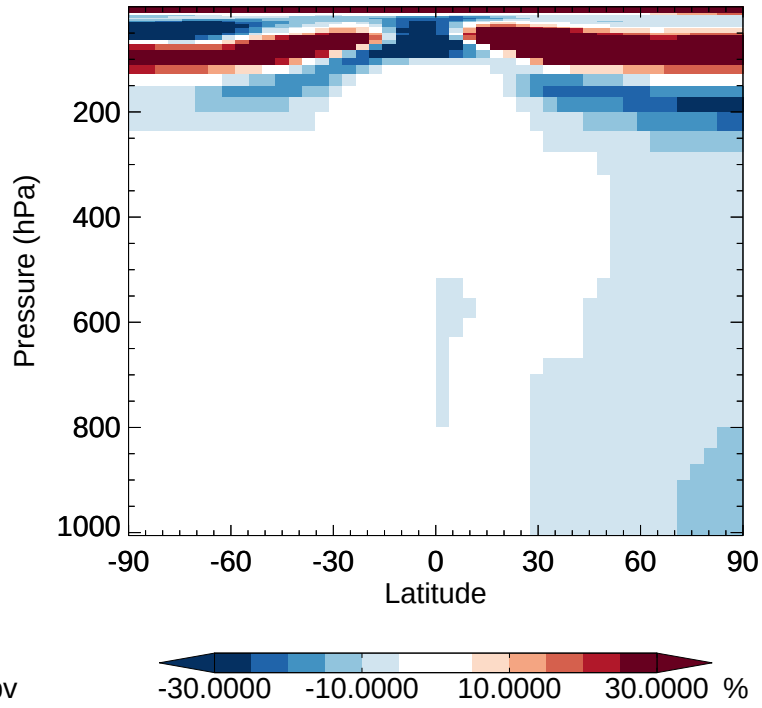
v11-02e-Run0 - v11-02d-Run1

H2O2 - Zonal mean abs diff for Apr



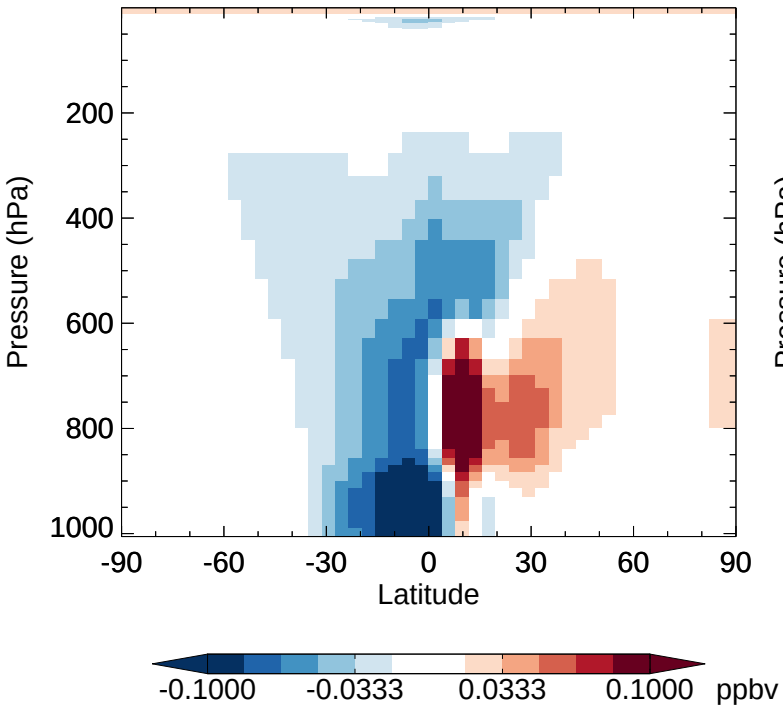
v11-02e-Run0 / v11-02d-Run1

H2O2 - Zonal mean % diff for Apr



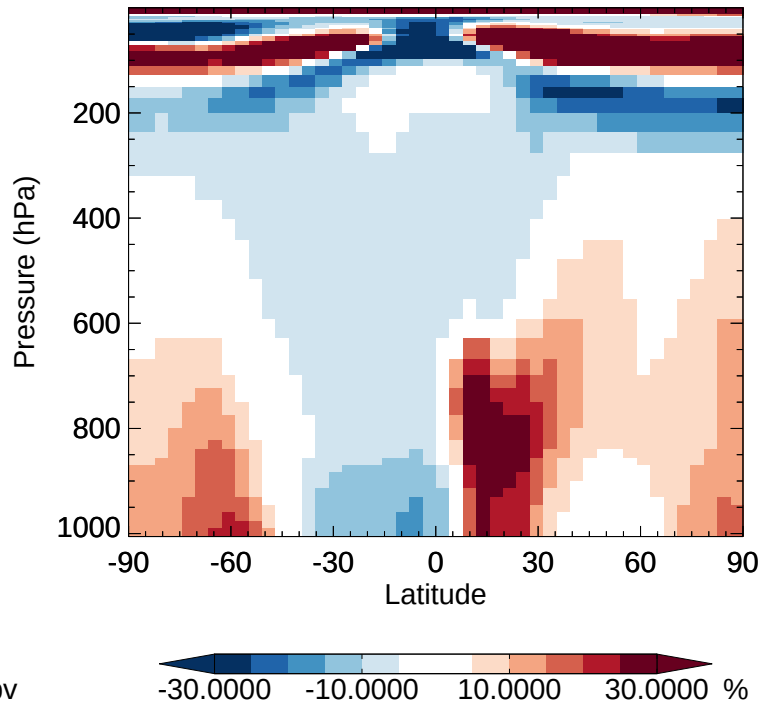
v11-02e-Run0 - v11-02c-Run0

H2O2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

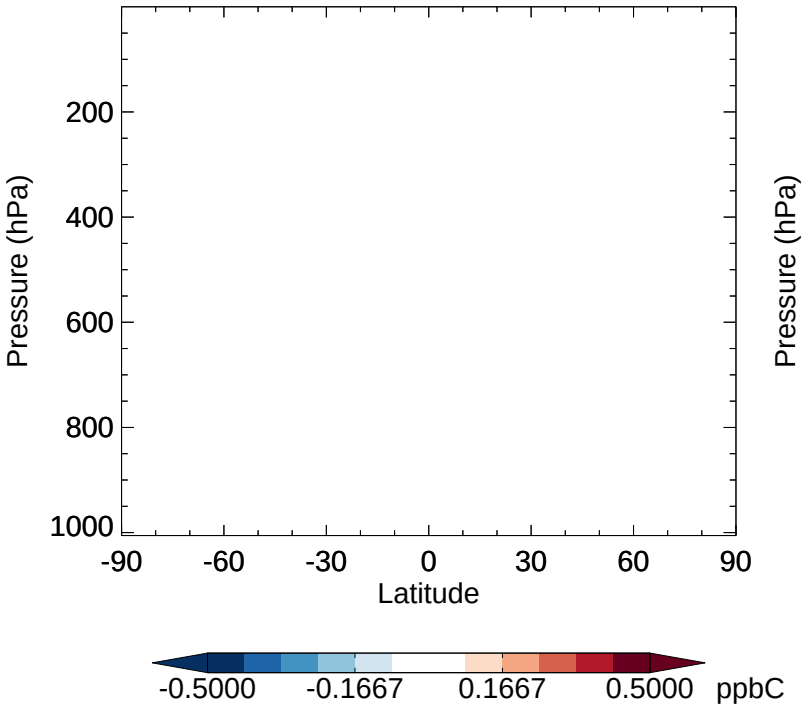
H2O2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

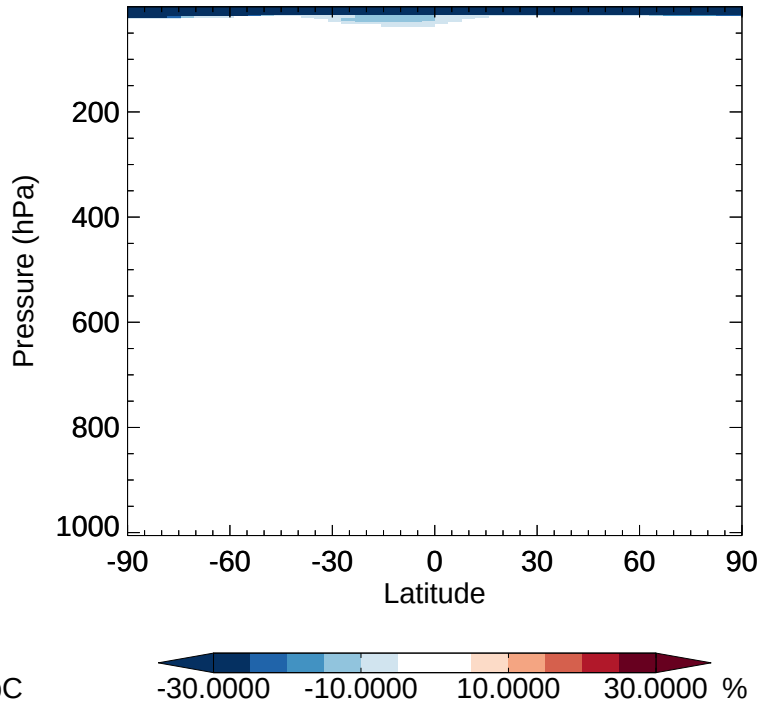
v11-02e-Run0 - v11-02d-Run1

ACET - Zonal mean abs diff for Apr



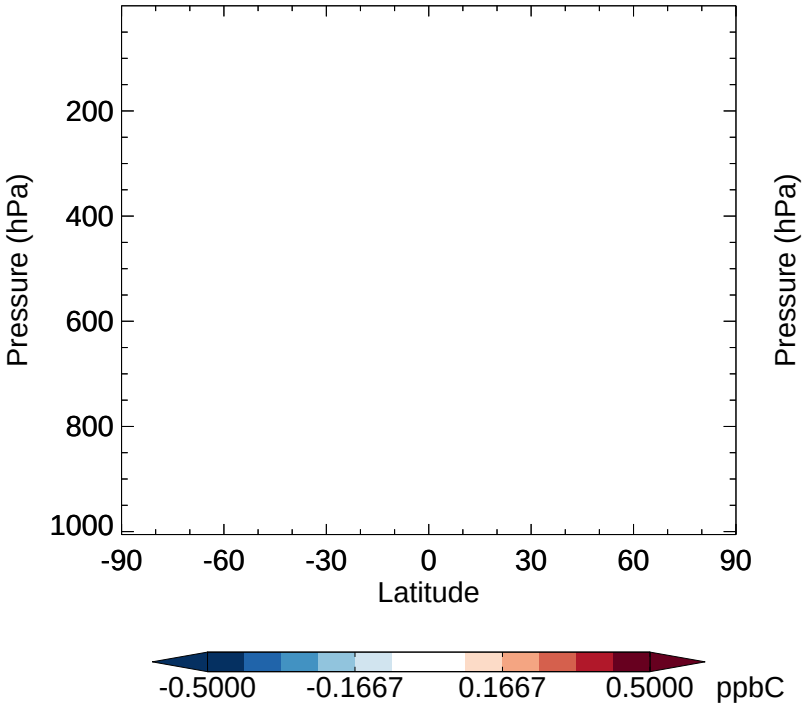
v11-02e-Run0 / v11-02d-Run1

ACET - Zonal mean % diff for Apr



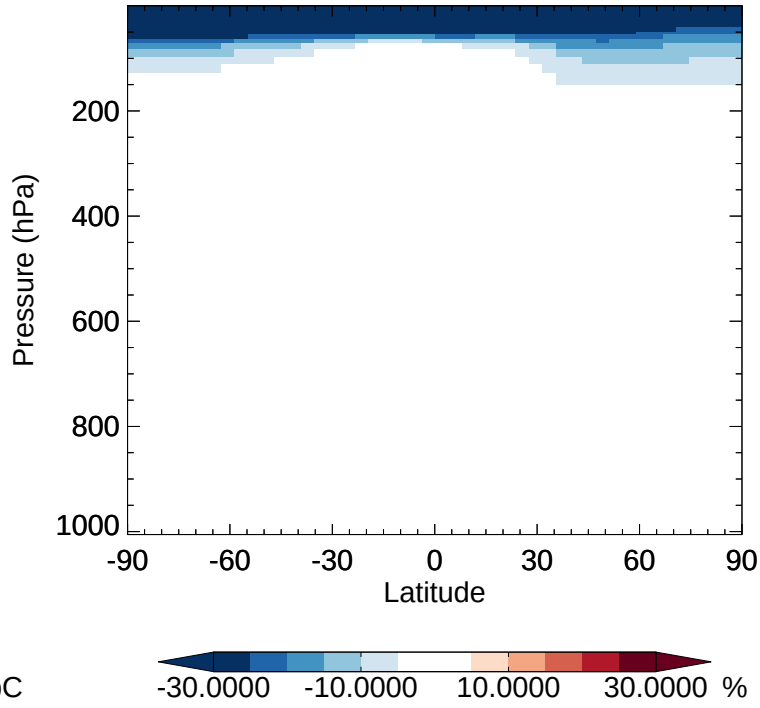
v11-02e-Run0 - v11-02c-Run0

ACET - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

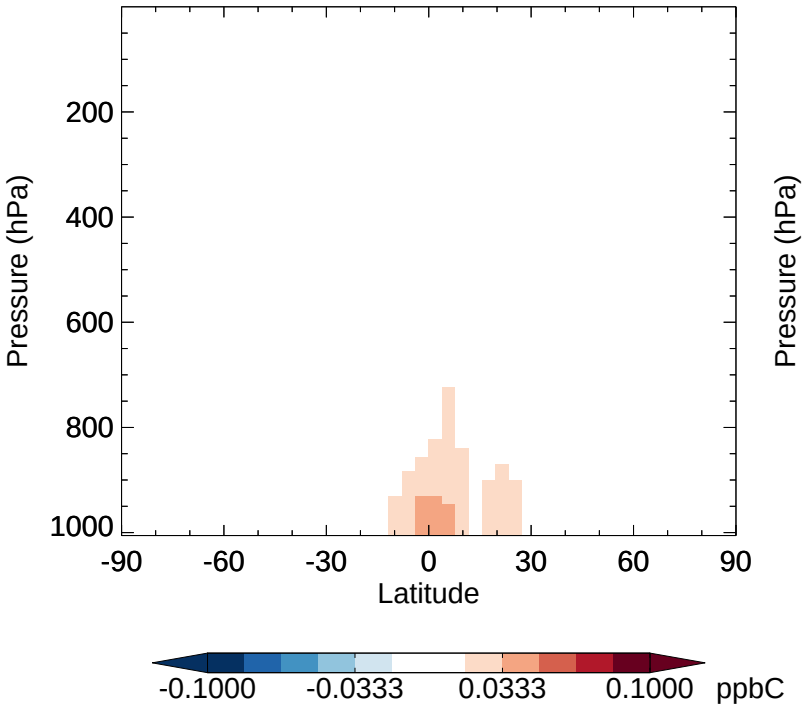
ACET - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

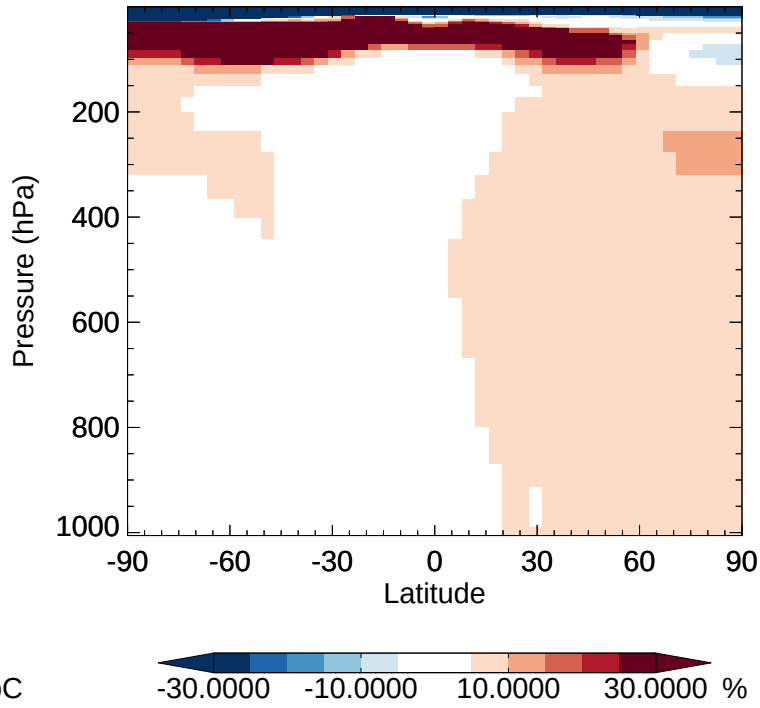
v11-02e-Run0 - v11-02d-Run1

MEK - Zonal mean abs diff for Apr



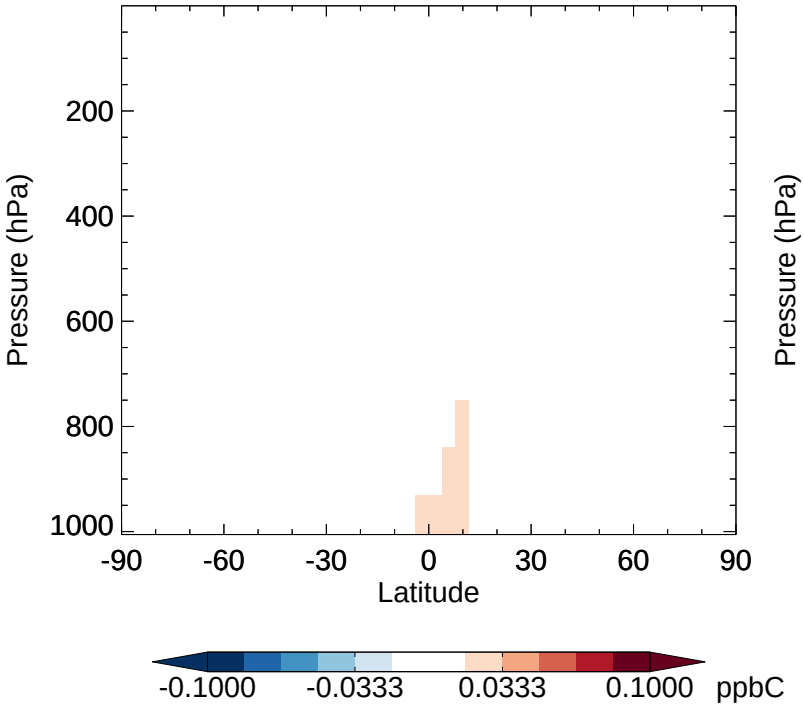
v11-02e-Run0 / v11-02d-Run1

MEK - Zonal mean % diff for Apr



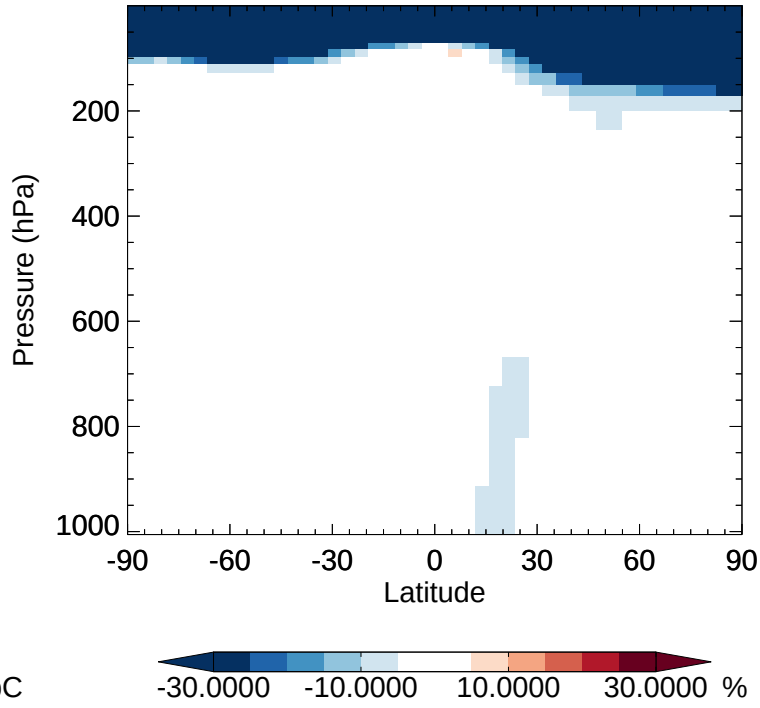
v11-02e-Run0 - v11-02c-Run0

MEK - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

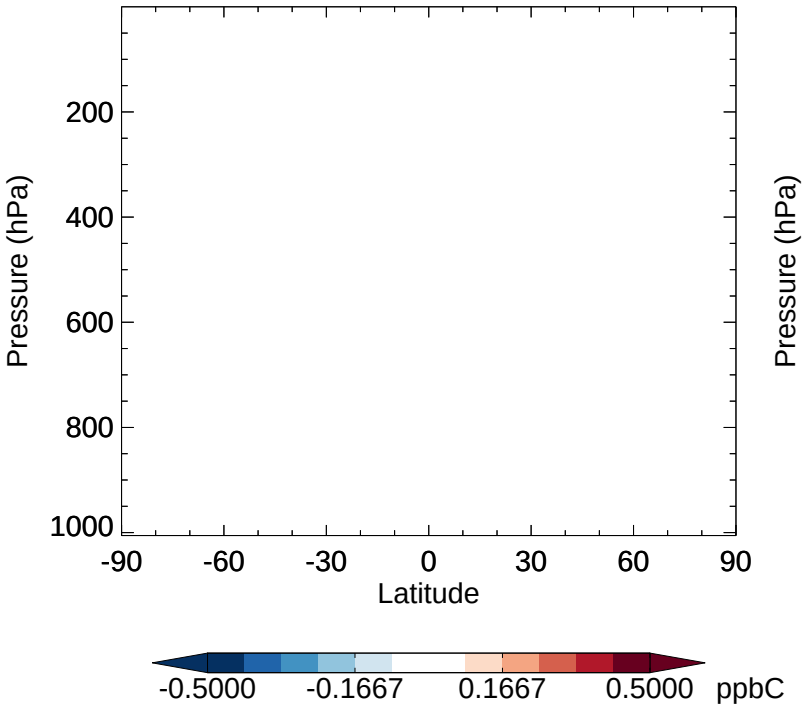
MEK - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

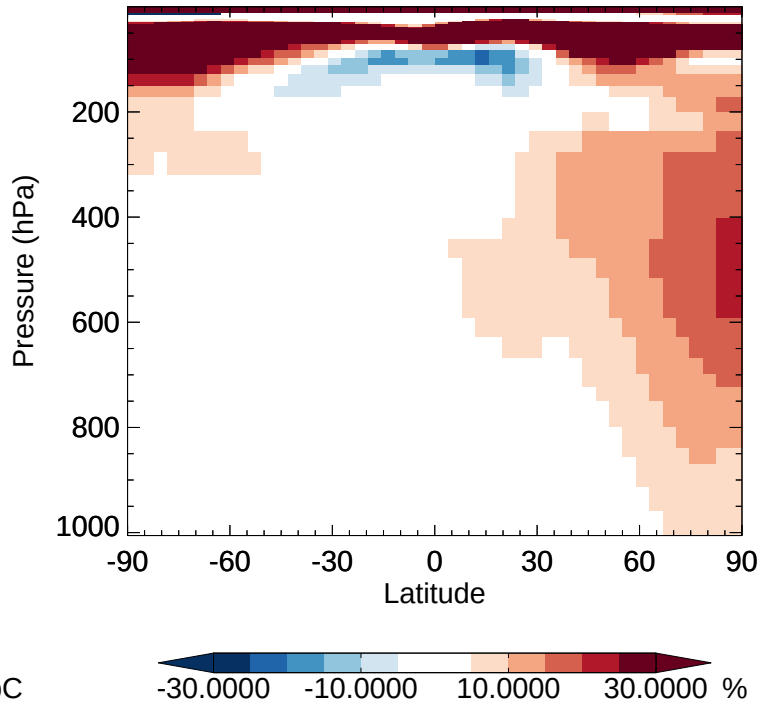
v11-02e-Run0 - v11-02d-Run1

ALD2 - Zonal mean abs diff for Apr



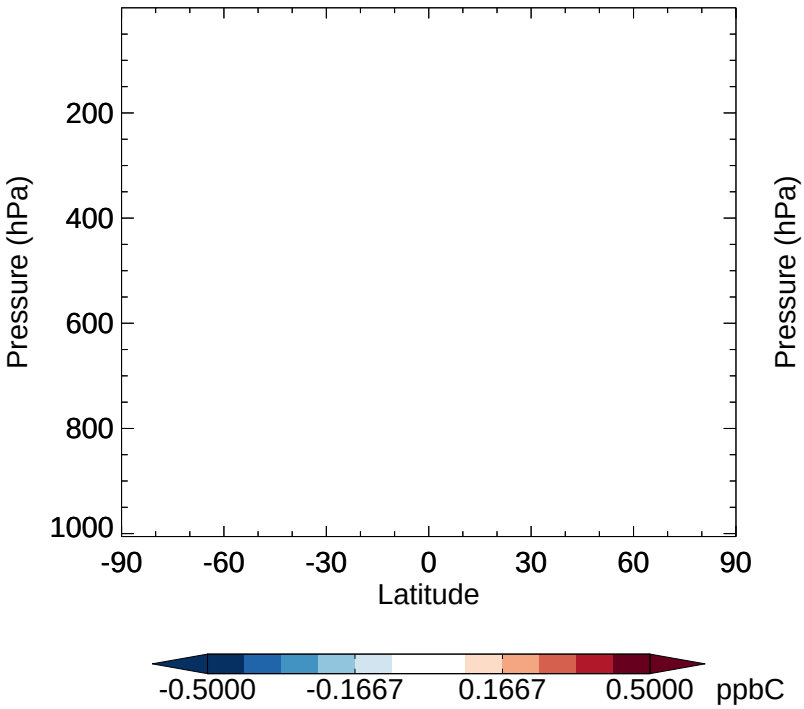
v11-02e-Run0 / v11-02d-Run1

ALD2 - Zonal mean % diff for Apr



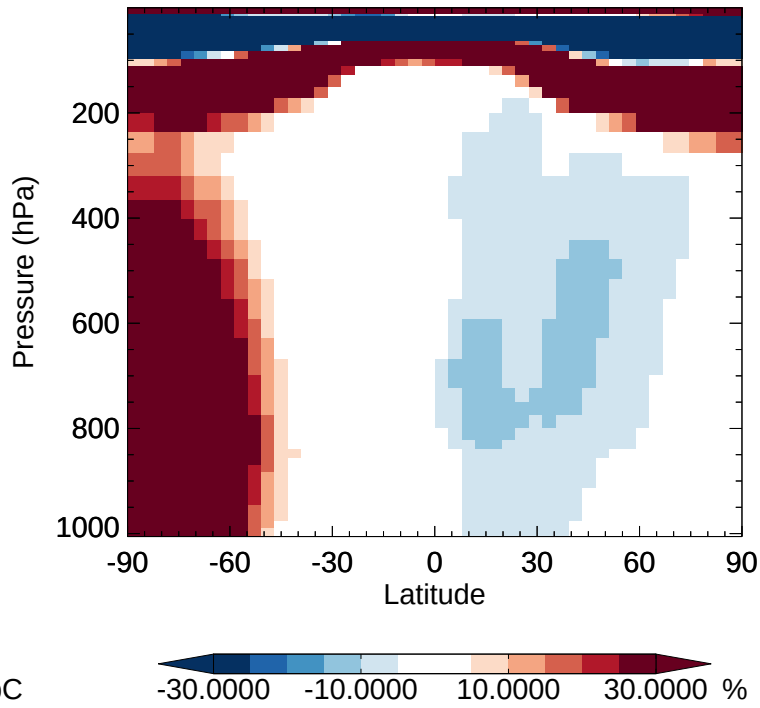
v11-02e-Run0 - v11-02c-Run0

ALD2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

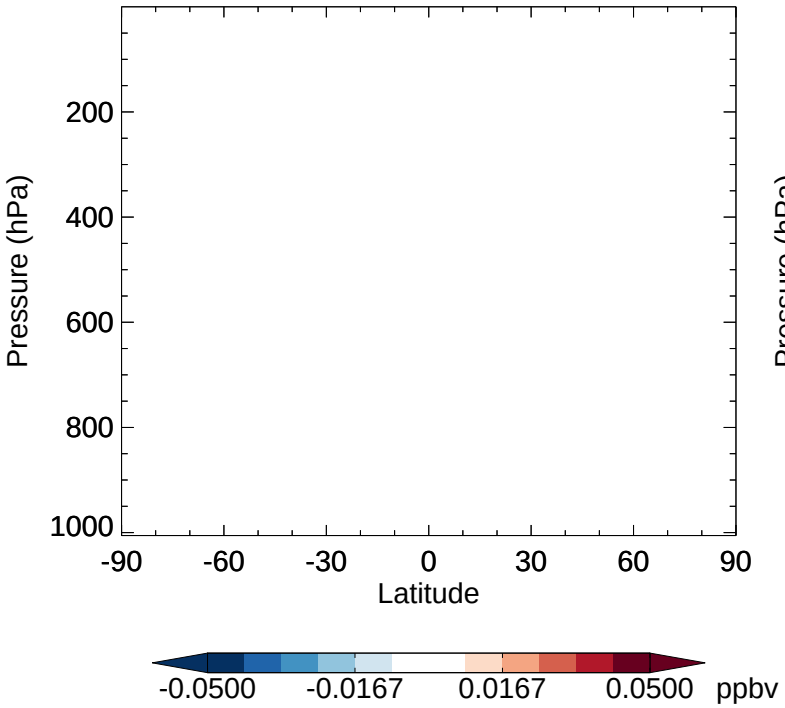
ALD2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

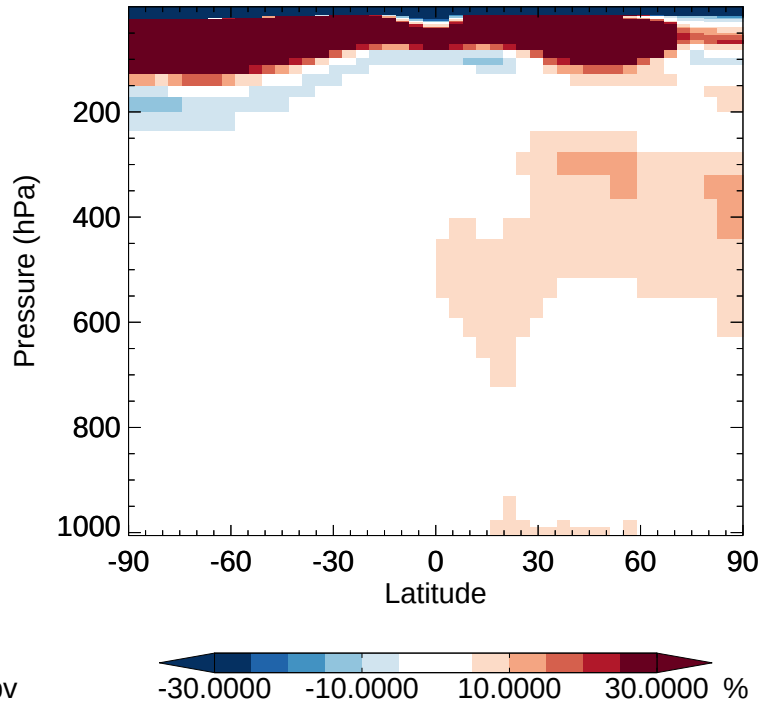
v11-02e-Run0 - v11-02d-Run1

RCHO - Zonal mean abs diff for Apr



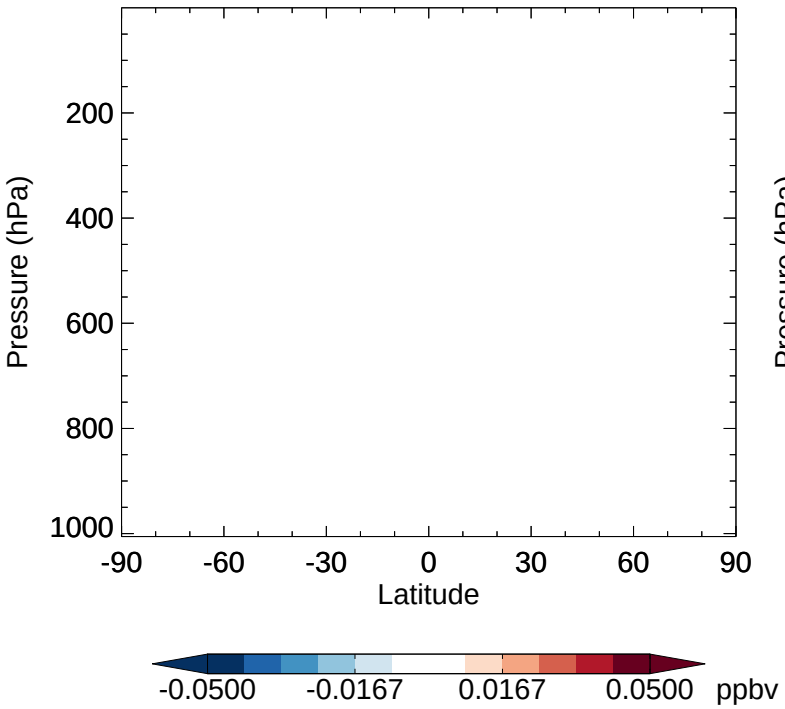
v11-02e-Run0 / v11-02d-Run1

RCHO - Zonal mean % diff for Apr



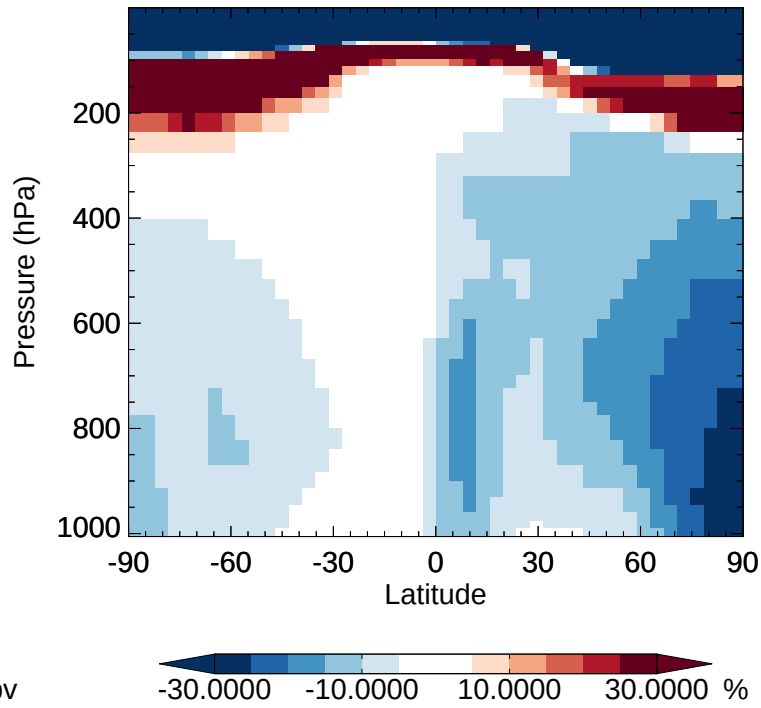
v11-02e-Run0 - v11-02c-Run0

RCHO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

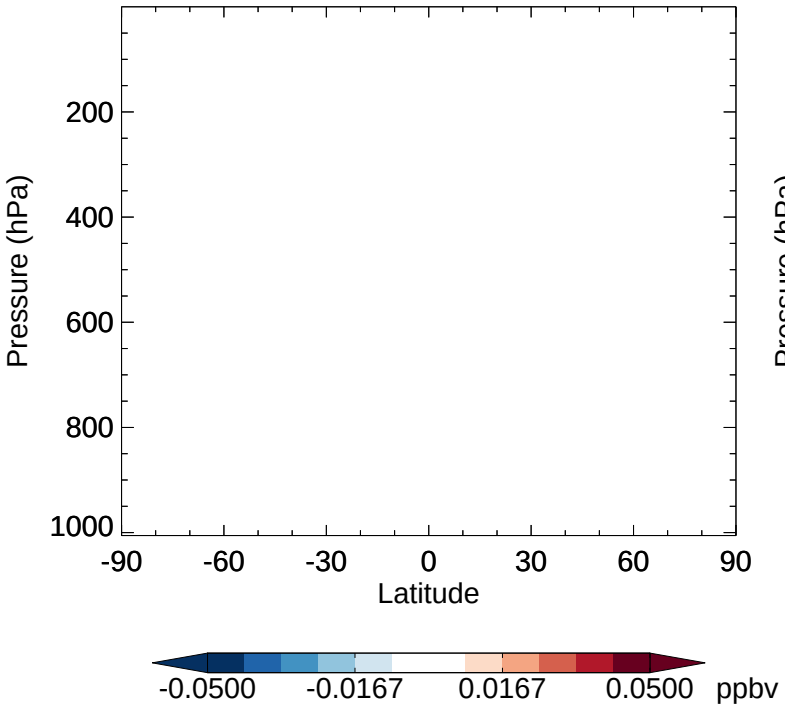
RCHO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

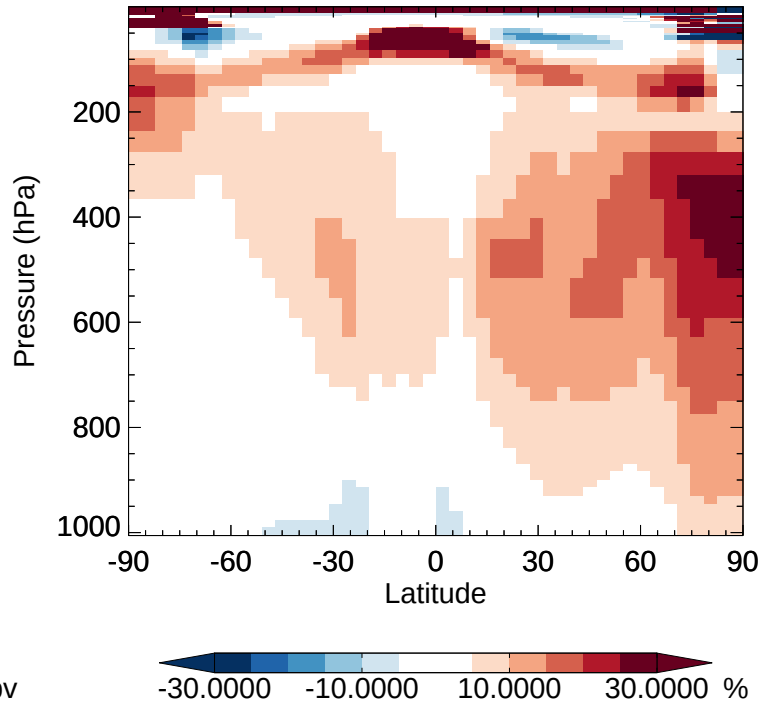
v11-02e-Run0 - v11-02d-Run1

MVK - Zonal mean abs diff for Apr



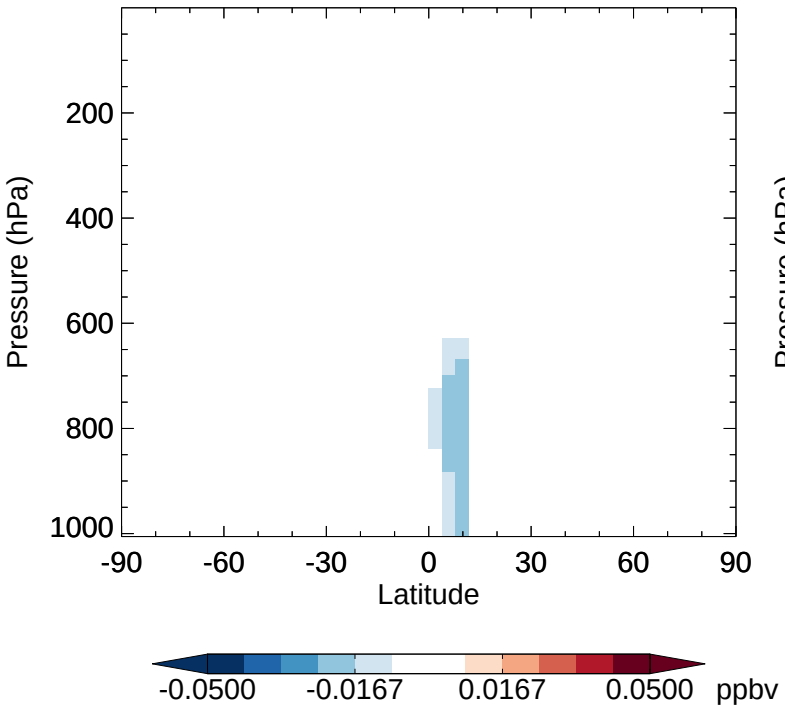
v11-02e-Run0 / v11-02d-Run1

MVK - Zonal mean % diff for Apr



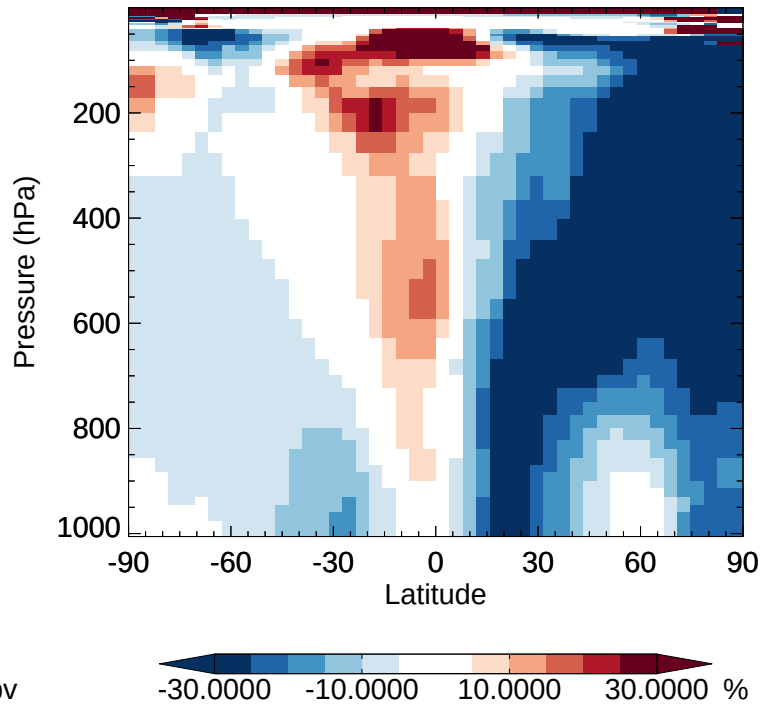
v11-02e-Run0 - v11-02c-Run0

MVK - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

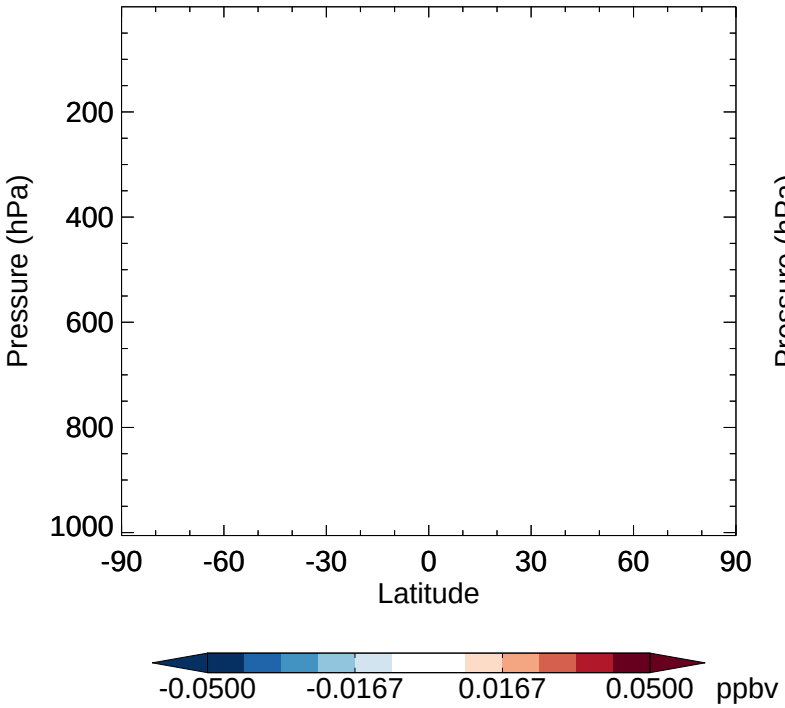
MVK - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

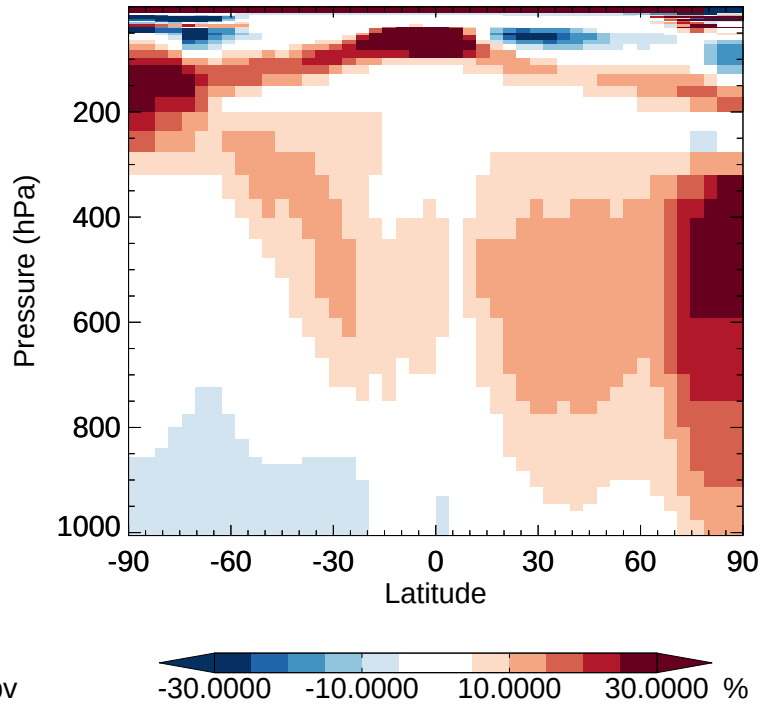
v11-02e-Run0 - v11-02d-Run1

MACR - Zonal mean abs diff for Apr



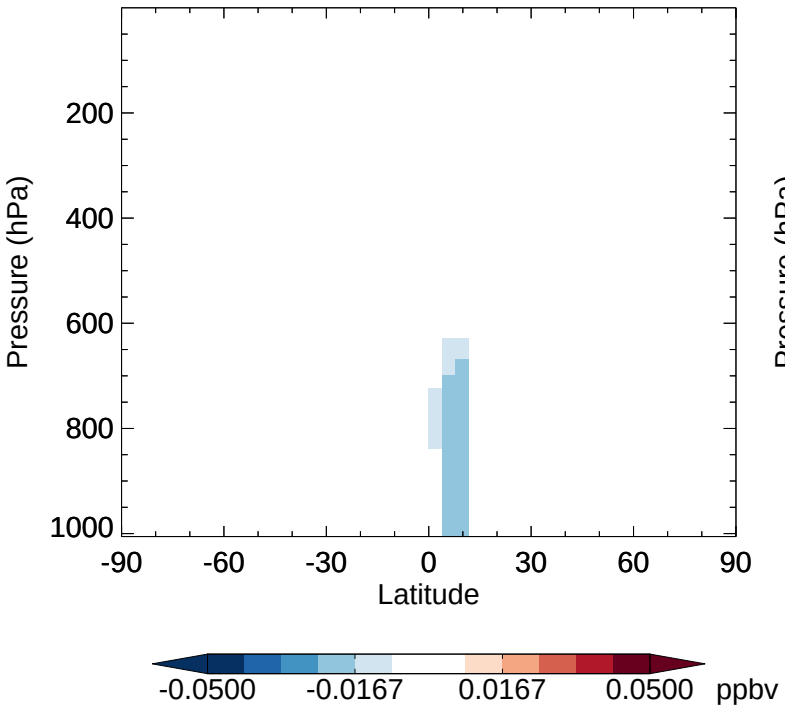
v11-02e-Run0 / v11-02d-Run1

MACR - Zonal mean % diff for Apr



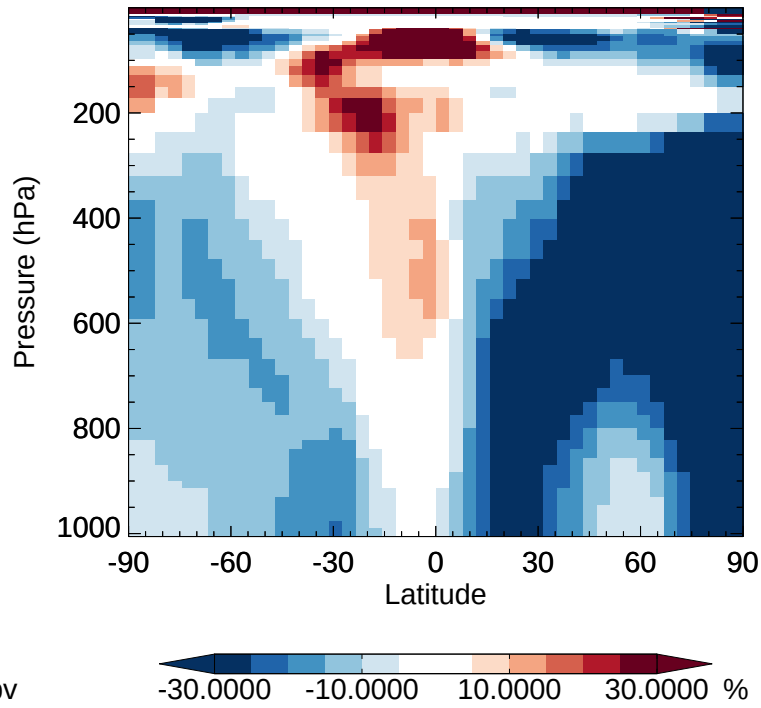
v11-02e-Run0 - v11-02c-Run0

MACR - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

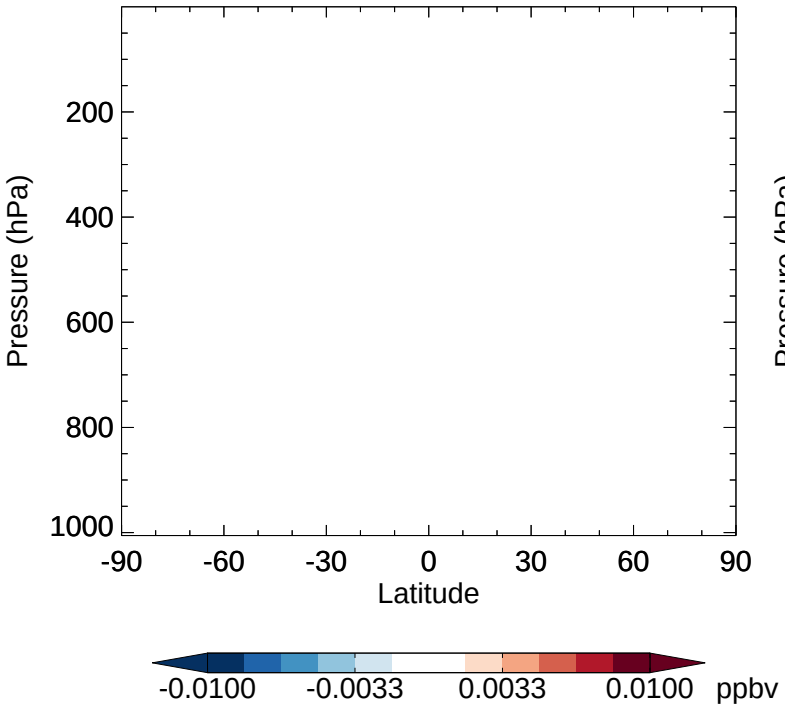
MACR - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

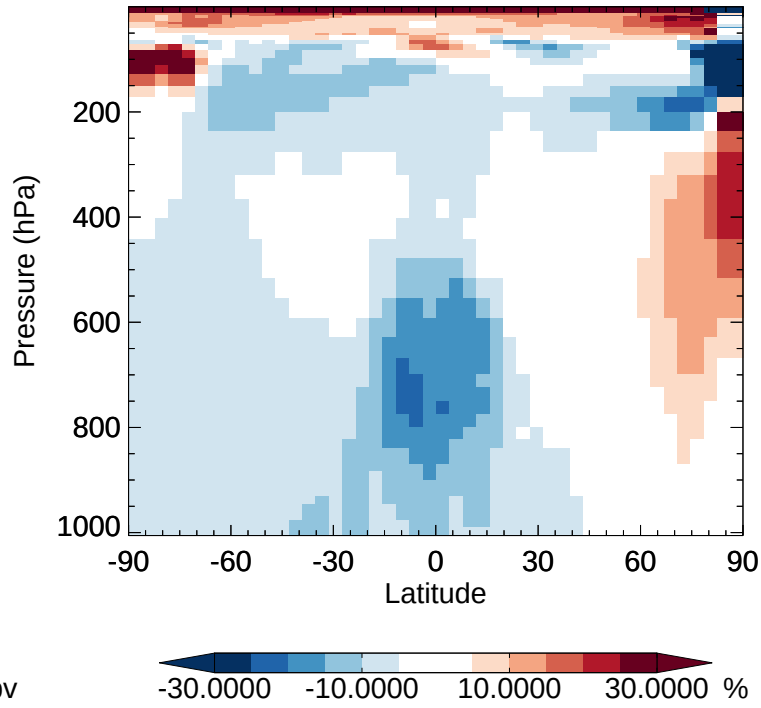
v11-02e-Run0 - v11-02d-Run1

NPMN - Zonal mean abs diff for Apr



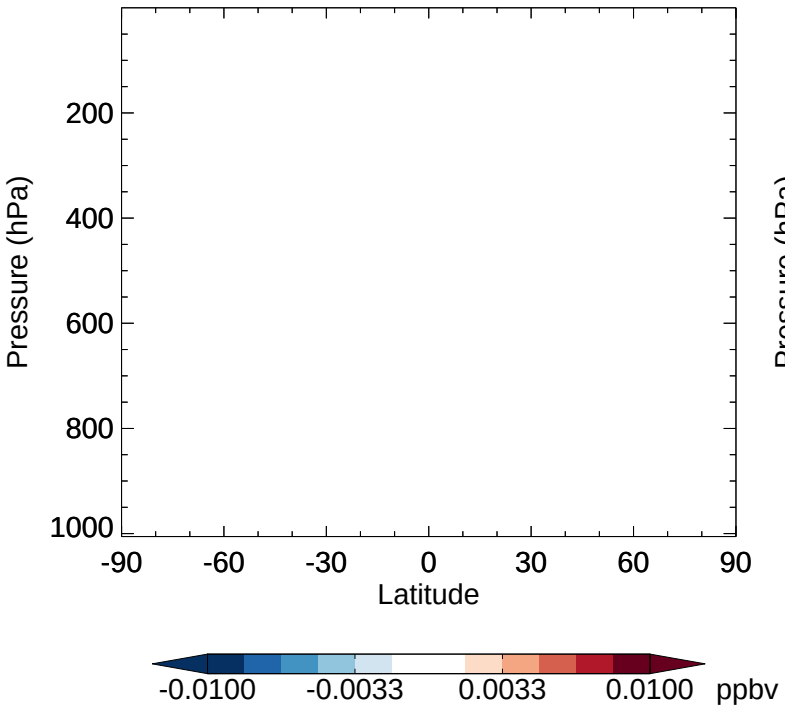
v11-02e-Run0 / v11-02d-Run1

NPMN - Zonal mean % diff for Apr



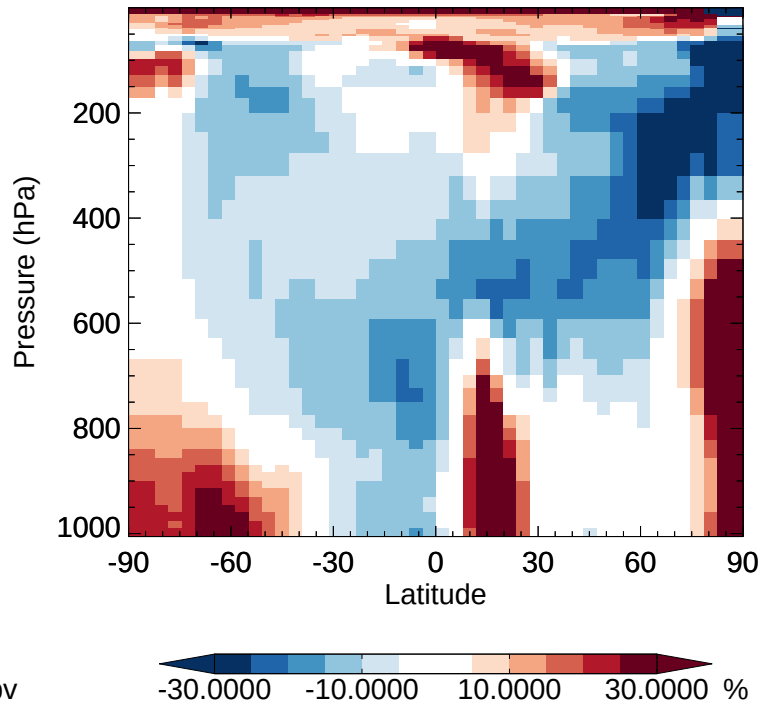
v11-02e-Run0 - v11-02c-Run0

NPMN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

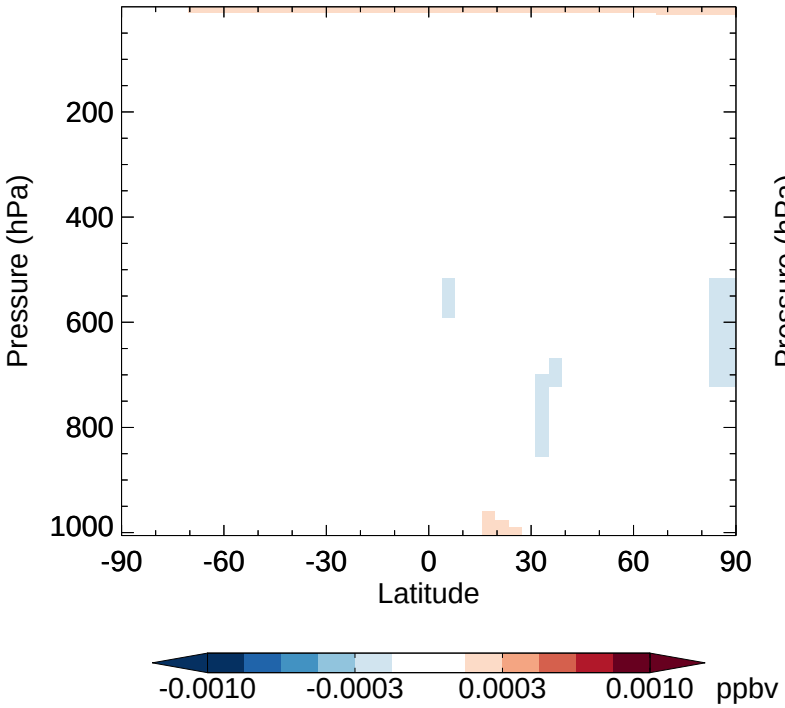
NPMN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

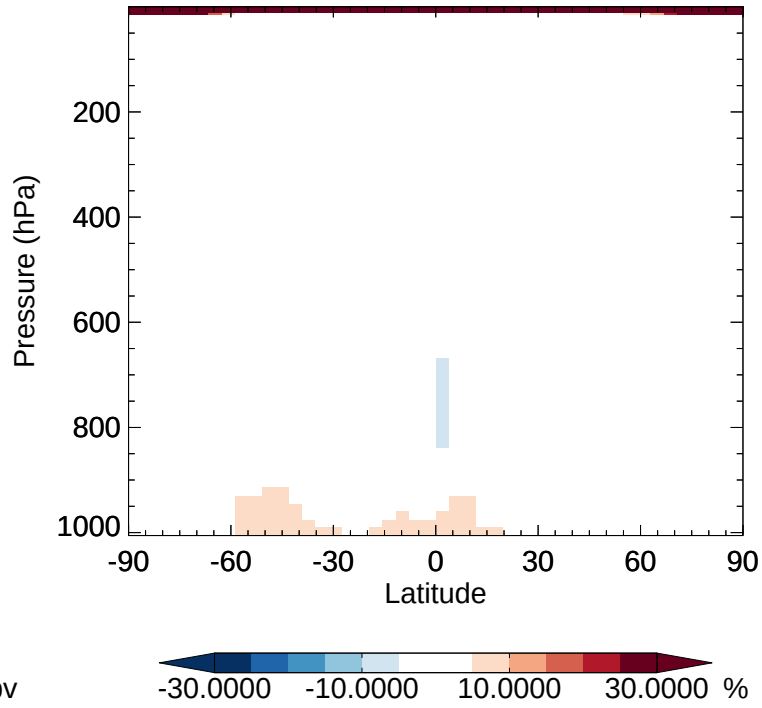
v11-02e-Run0 - v11-02d-Run1

PPN - Zonal mean abs diff for Apr



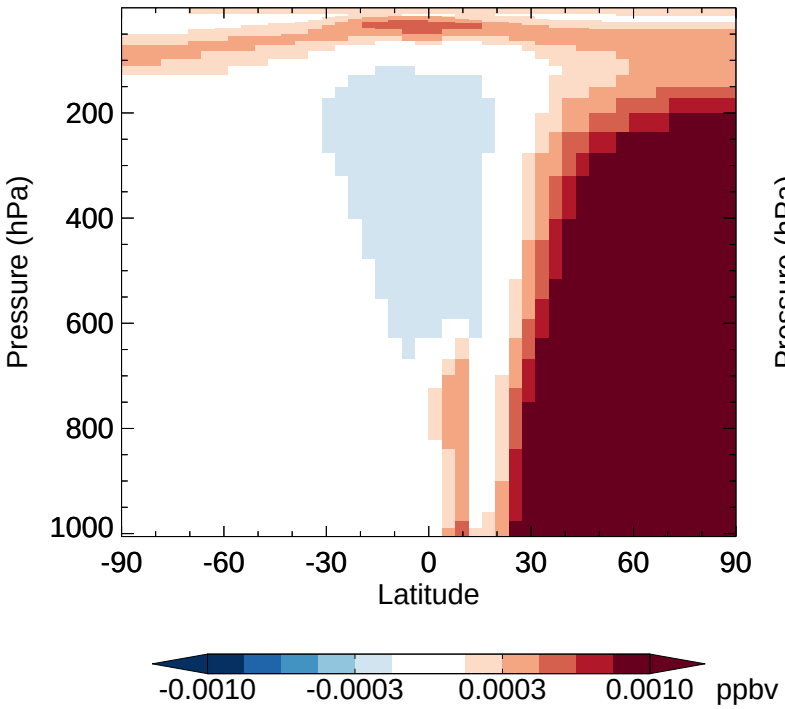
v11-02e-Run0 / v11-02d-Run1

PPN - Zonal mean % diff for Apr



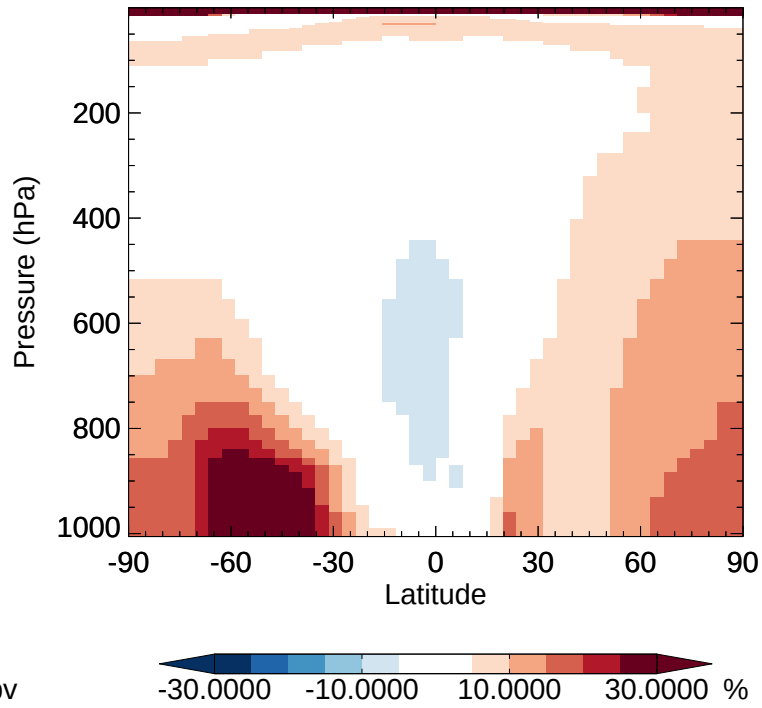
v11-02e-Run0 - v11-02c-Run0

PPN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

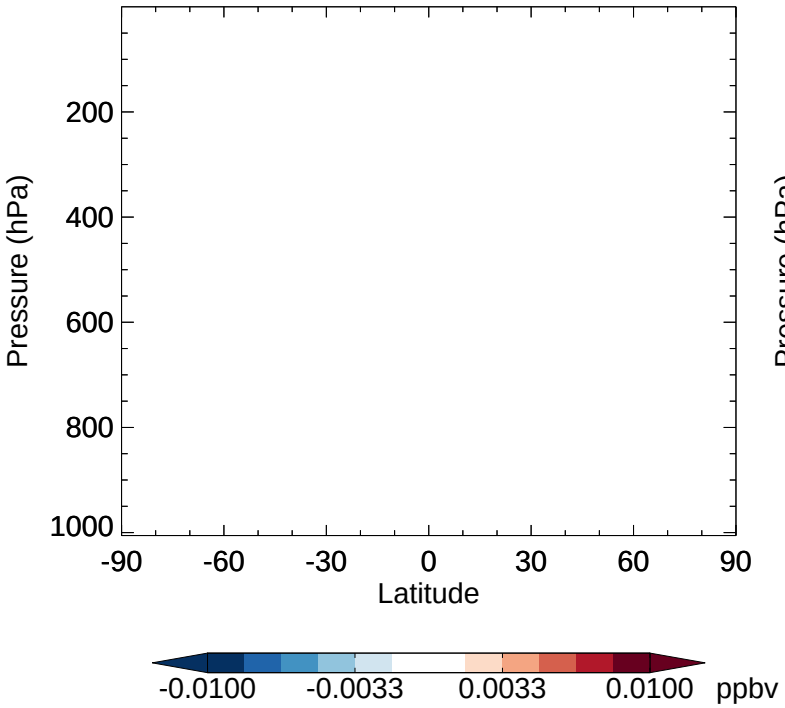
PPN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

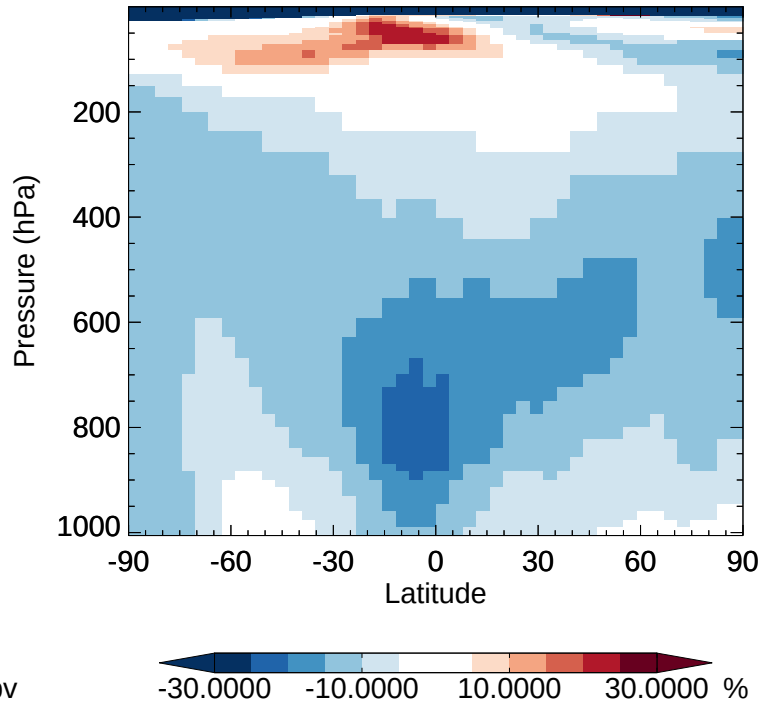
v11-02e-Run0 - v11-02d-Run1

R4N2 - Zonal mean abs diff for Apr



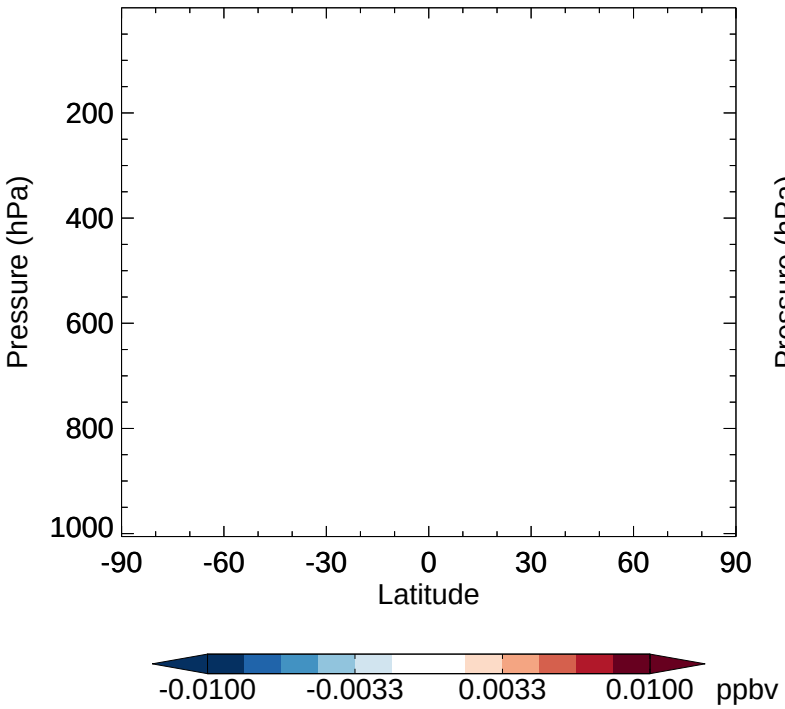
v11-02e-Run0 / v11-02d-Run1

R4N2 - Zonal mean % diff for Apr



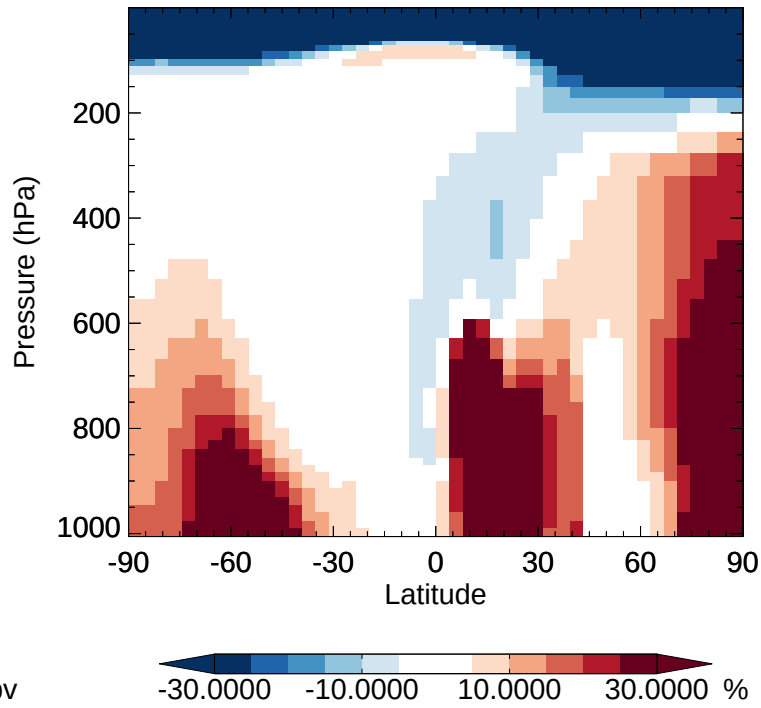
v11-02e-Run0 - v11-02c-Run0

R4N2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

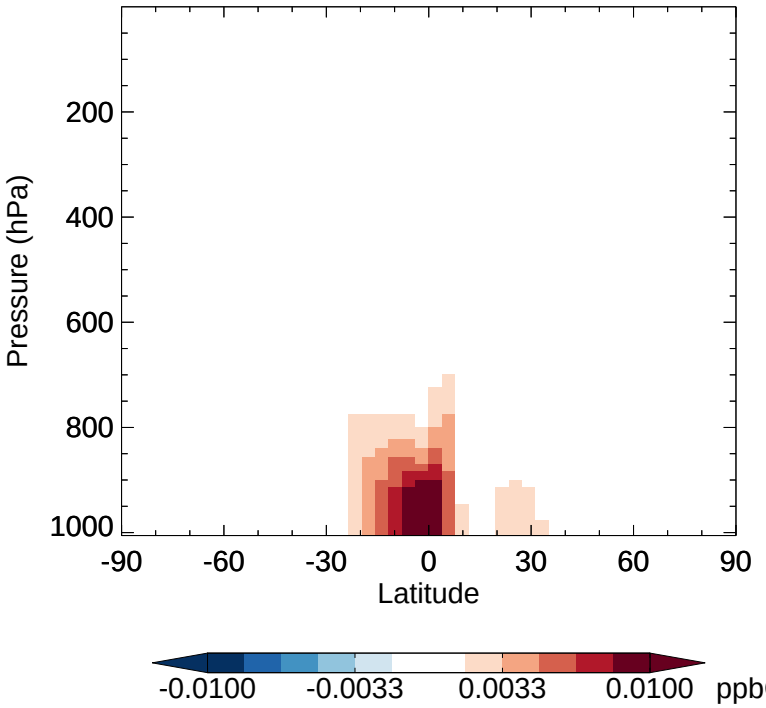
R4N2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

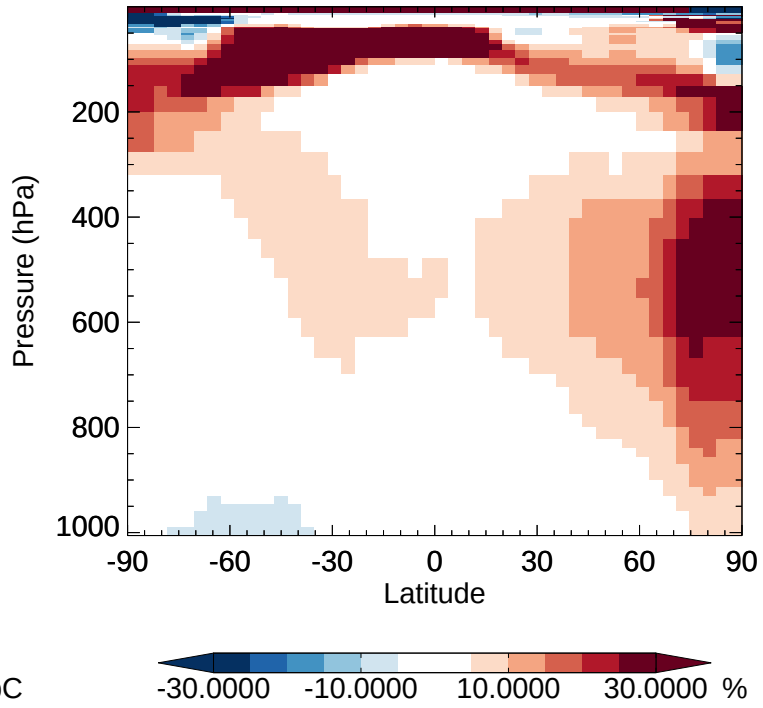
v11-02e-Run0 - v11-02d-Run1

PRPE - Zonal mean abs diff for Apr



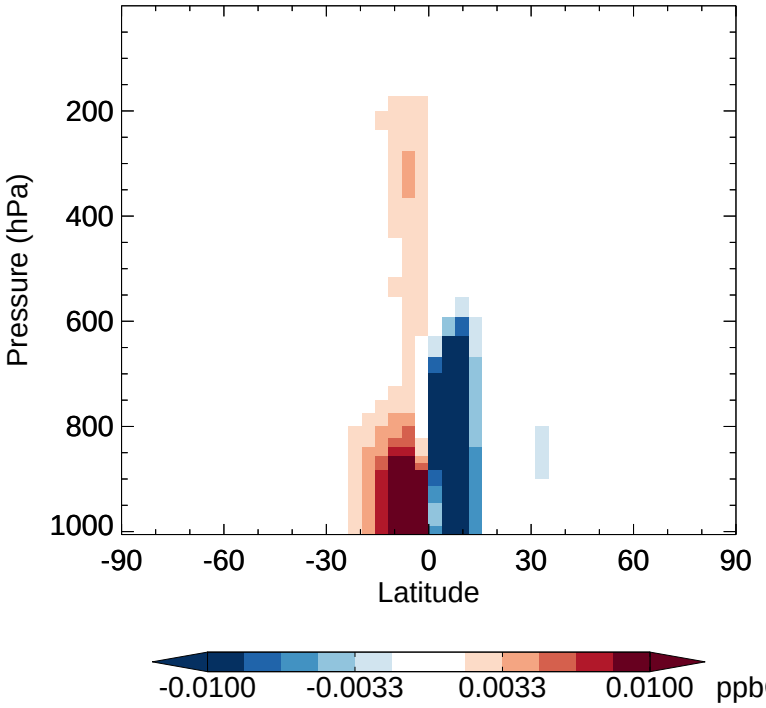
v11-02e-Run0 / v11-02d-Run1

PRPE - Zonal mean % diff for Apr



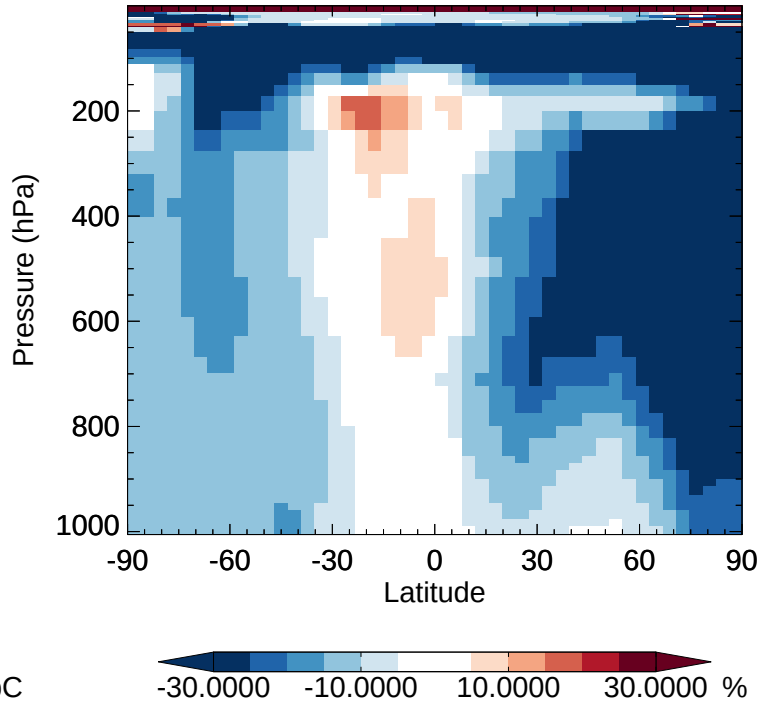
v11-02e-Run0 - v11-02c-Run0

PRPE - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

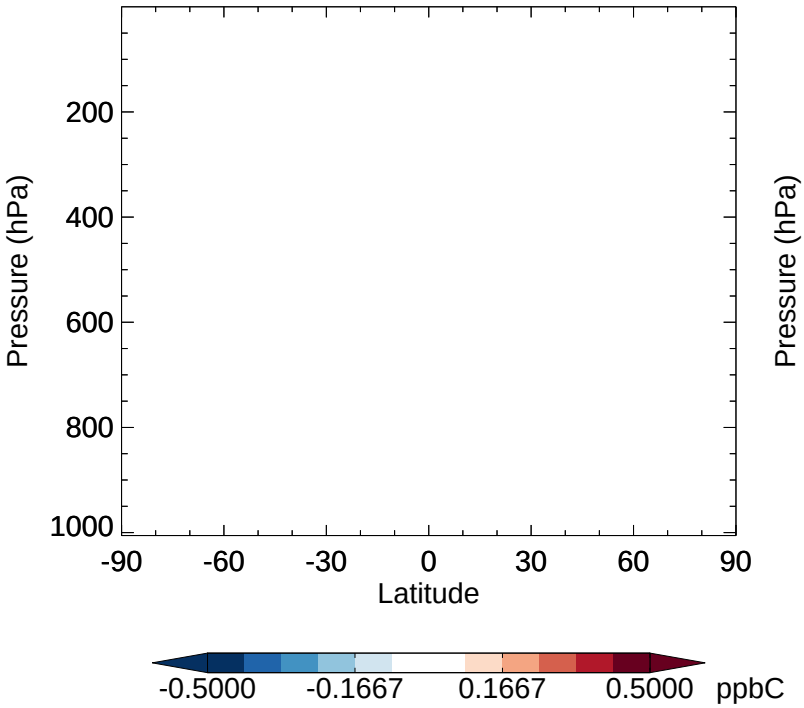
PRPE - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

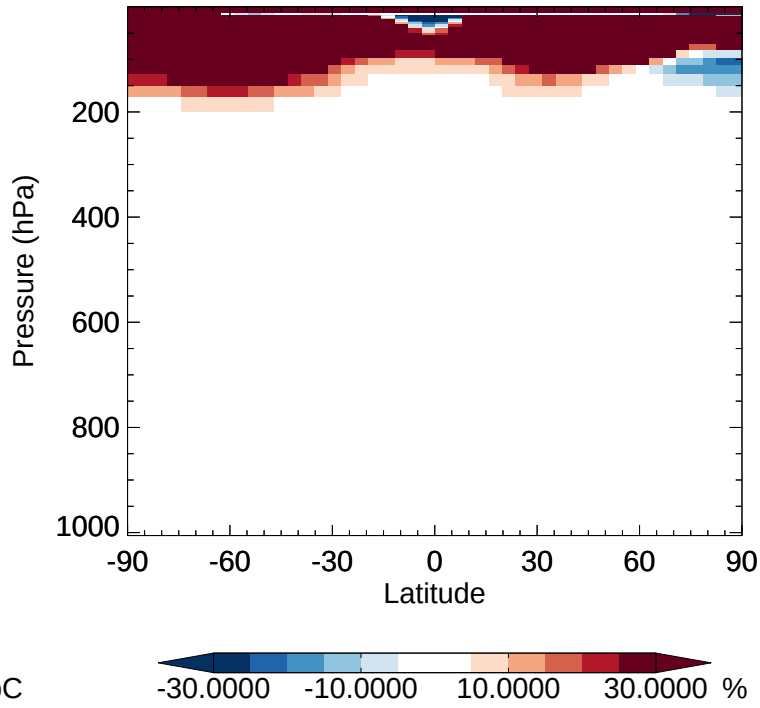
v11-02e-Run0 - v11-02d-Run1

C3H8 - Zonal mean abs diff for Apr



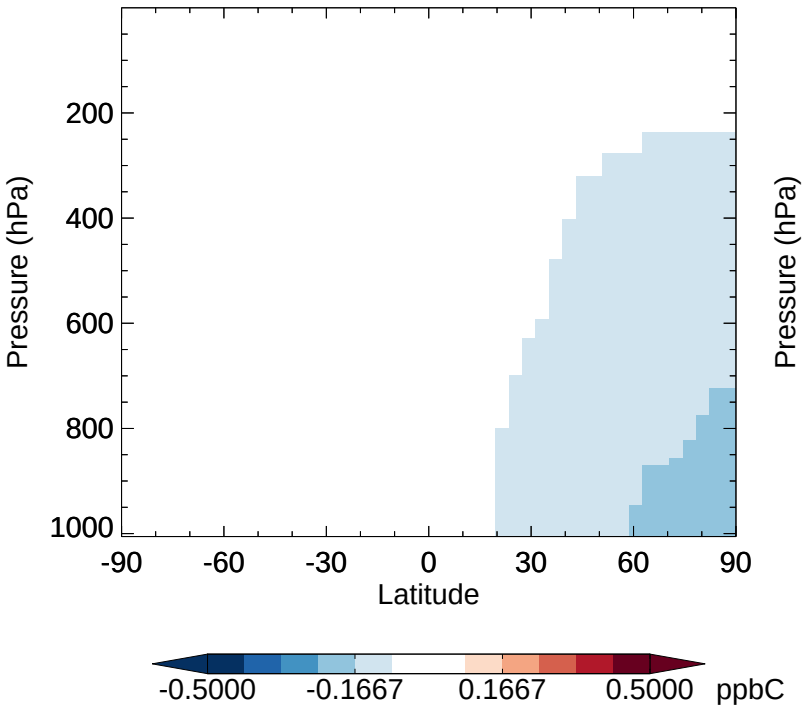
v11-02e-Run0 / v11-02d-Run1

C3H8 - Zonal mean % diff for Apr



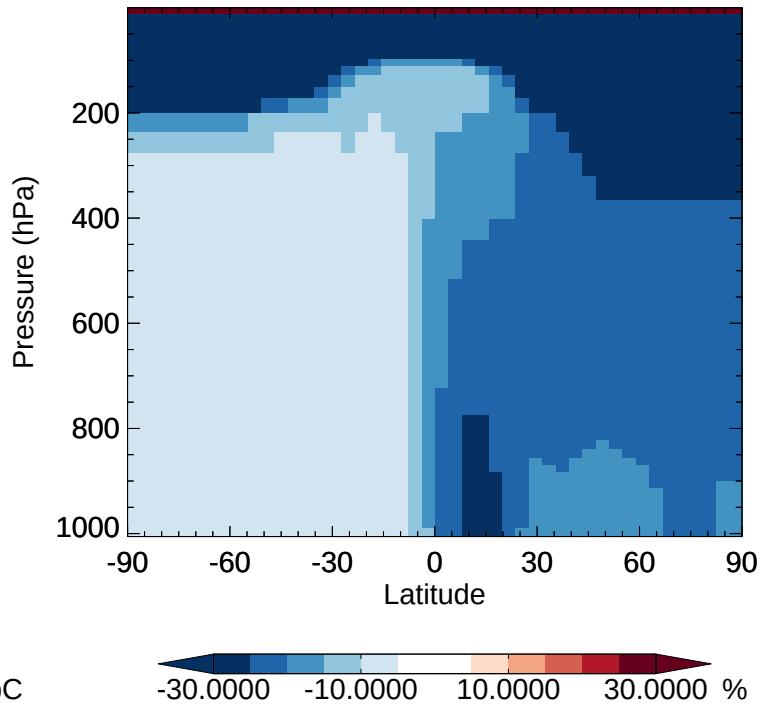
v11-02e-Run0 - v11-02c-Run0

C3H8 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

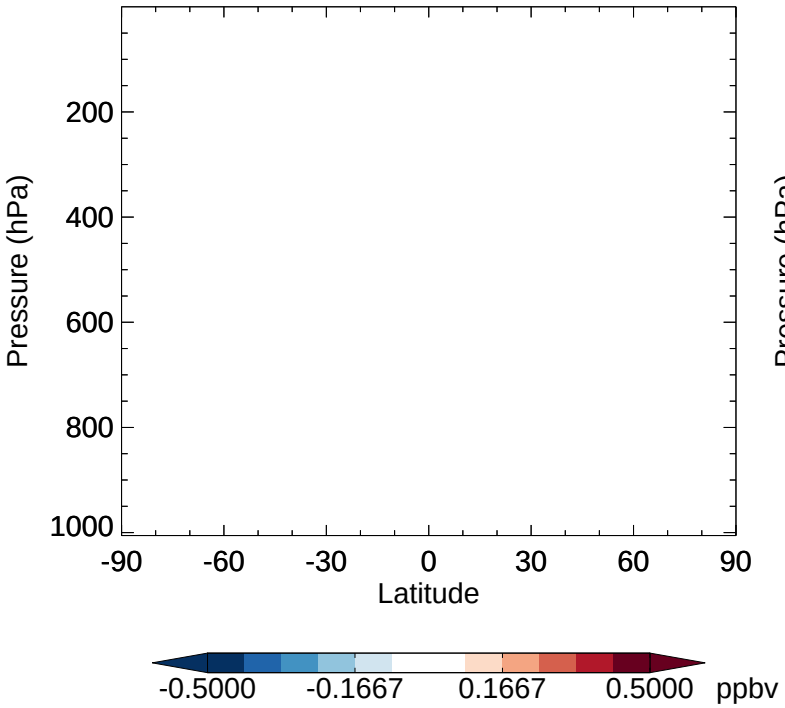
C3H8 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

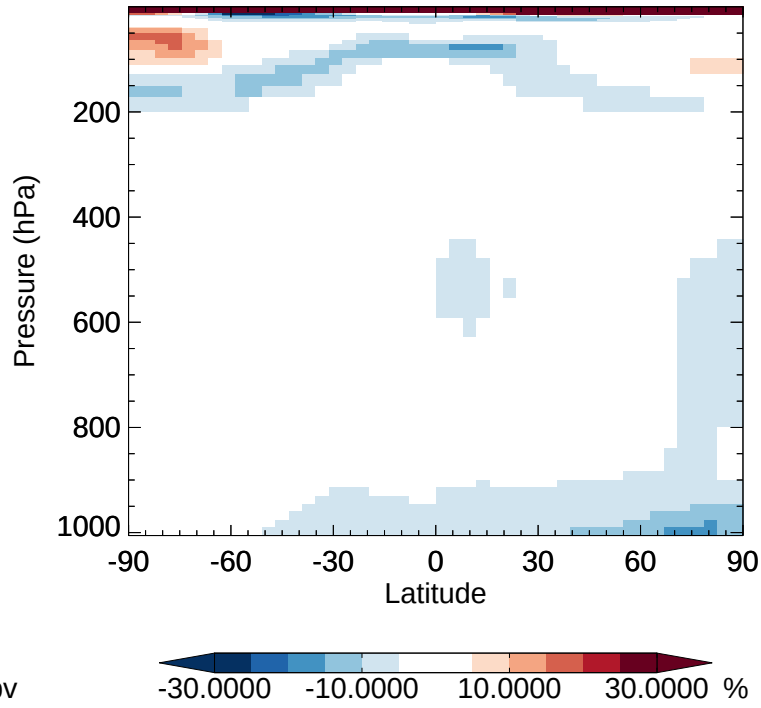
v11-02e-Run0 - v11-02d-Run1

CH2O - Zonal mean abs diff for Apr



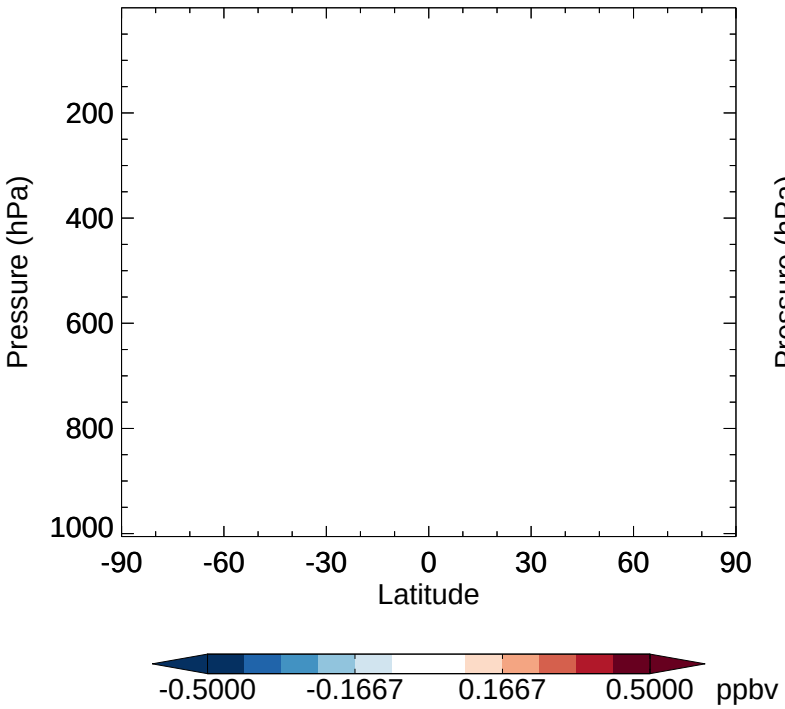
v11-02e-Run0 / v11-02d-Run1

CH2O - Zonal mean % diff for Apr



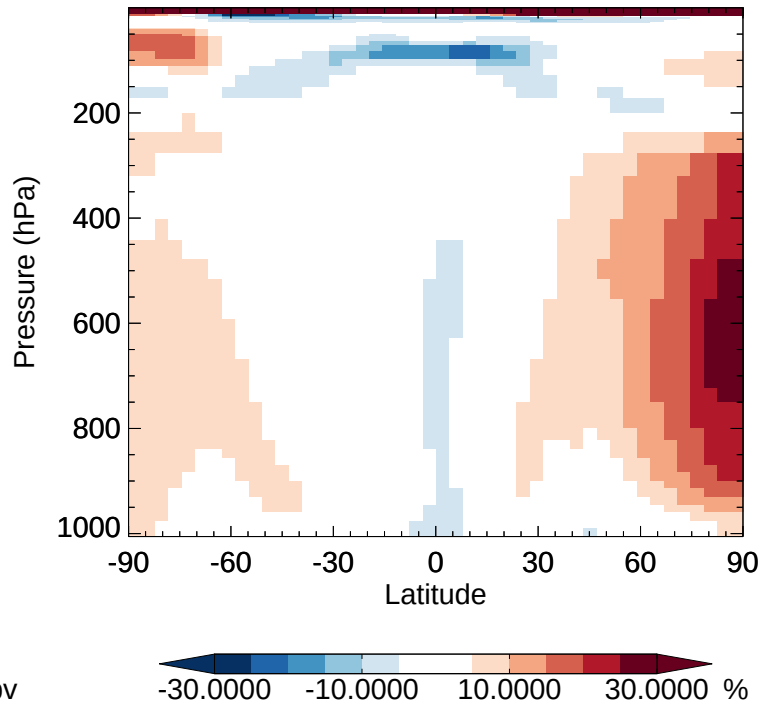
v11-02e-Run0 - v11-02c-Run0

CH2O - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

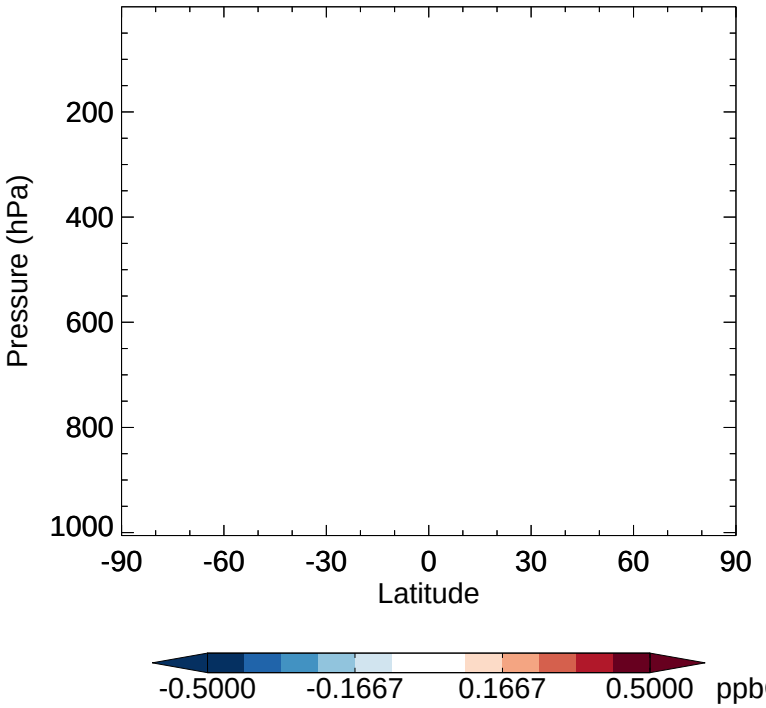
CH2O - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

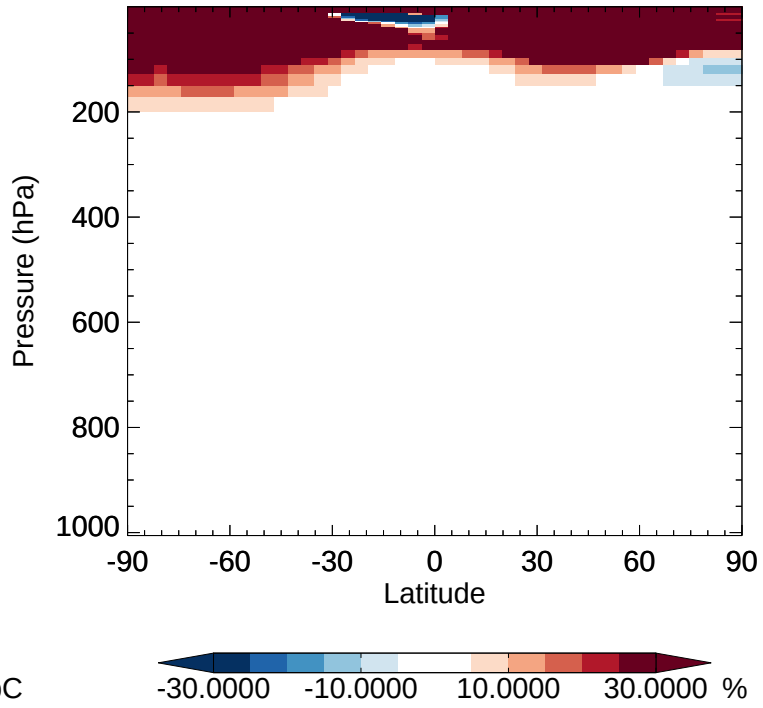
v11-02e-Run0 - v11-02d-Run1

C2H6 - Zonal mean abs diff for Apr



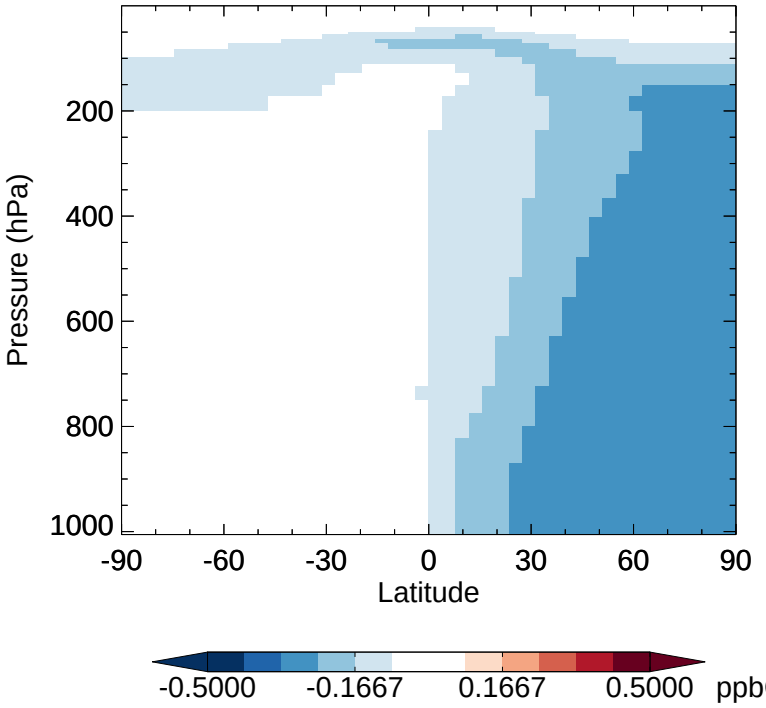
v11-02e-Run0 / v11-02d-Run1

C2H6 - Zonal mean % diff for Apr



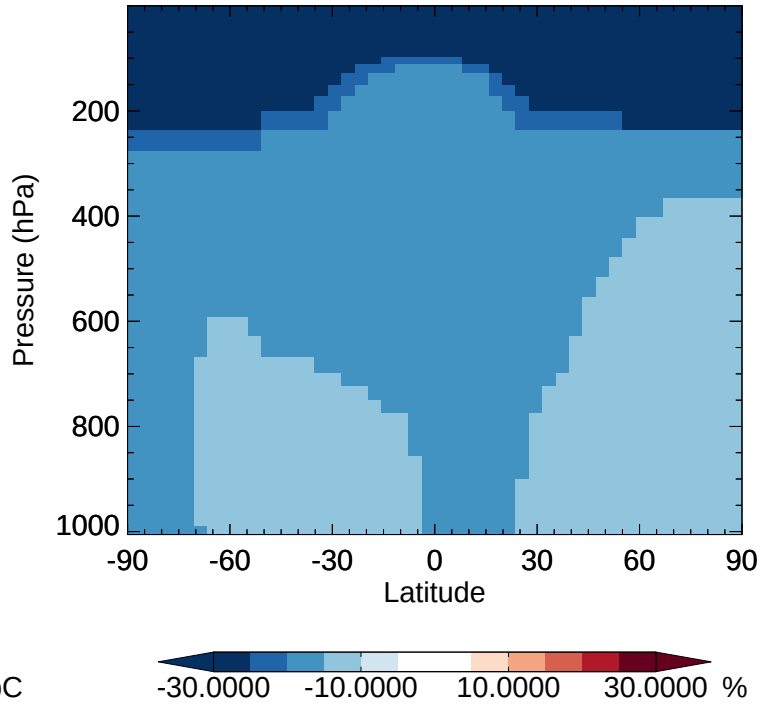
v11-02e-Run0 - v11-02c-Run0

C2H6 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

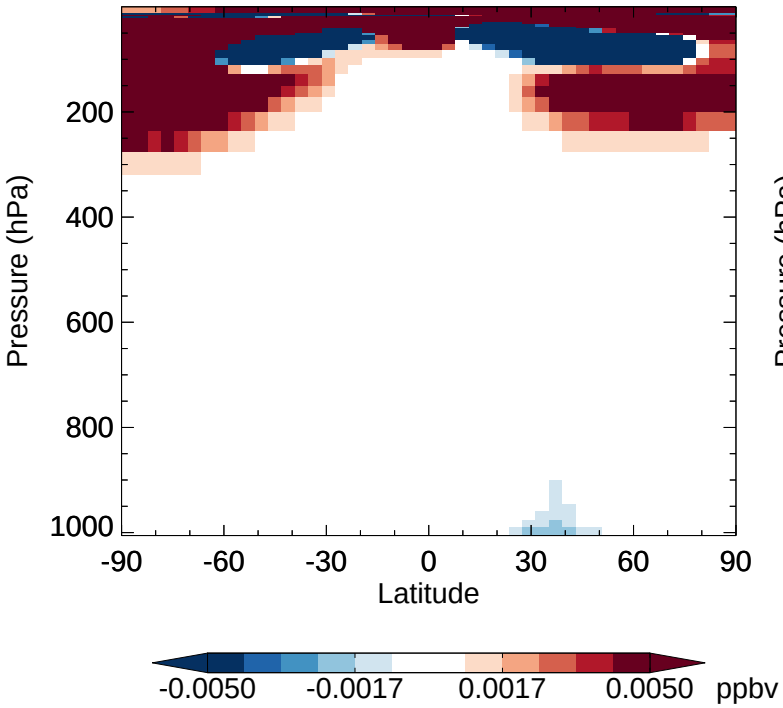
C2H6 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

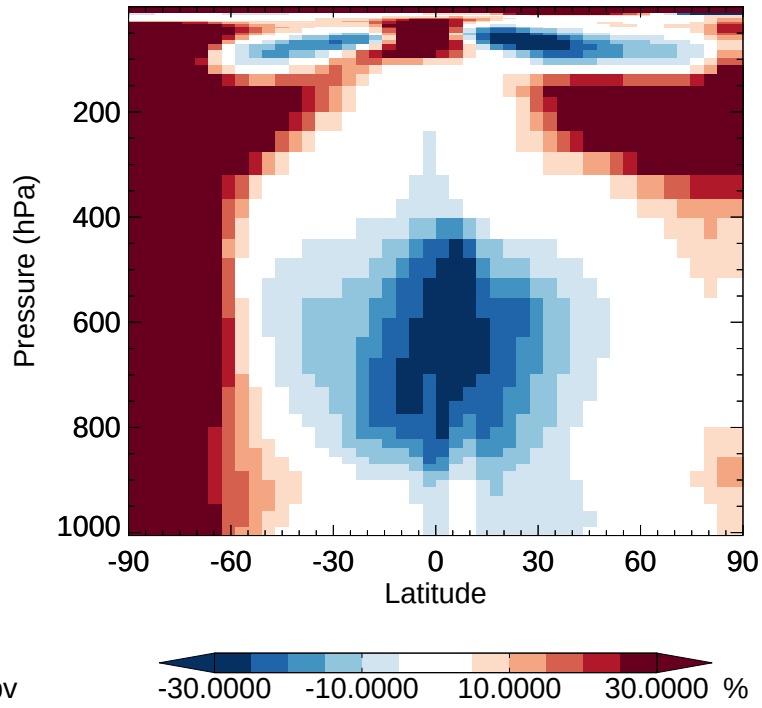
v11-02e-Run0 - v11-02d-Run1

N2O5 - Zonal mean abs diff for Apr



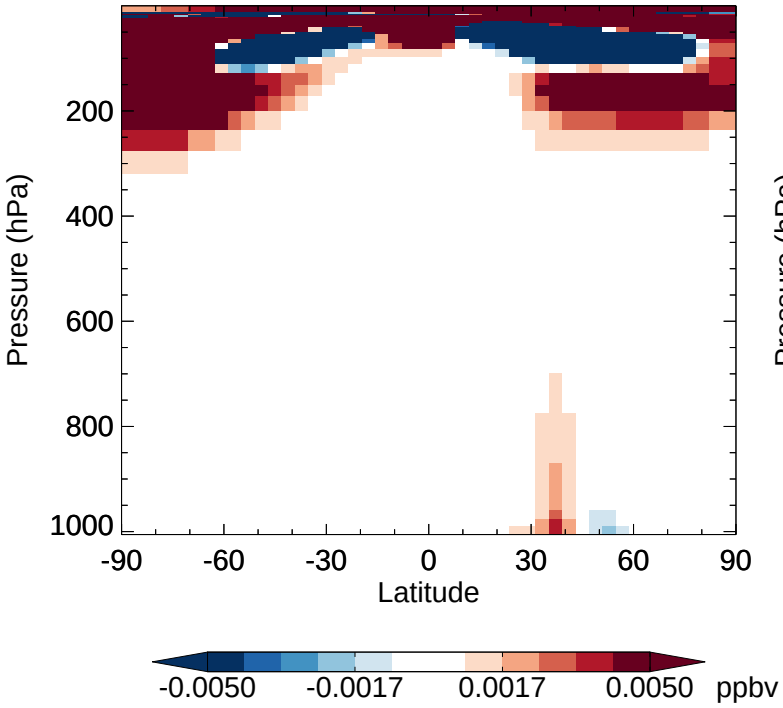
v11-02e-Run0 / v11-02d-Run1

N2O5 - Zonal mean % diff for Apr



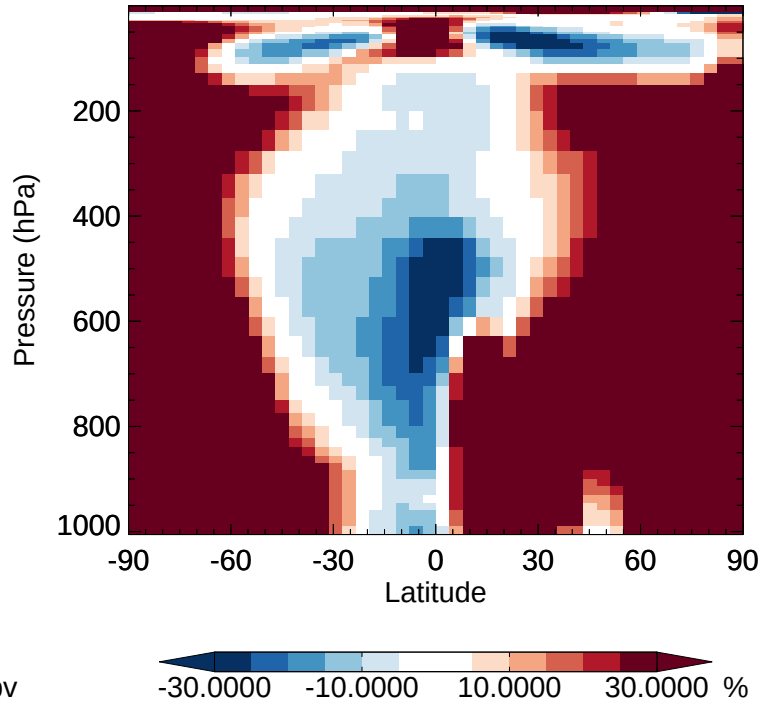
v11-02e-Run0 - v11-02c-Run0

N2O5 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

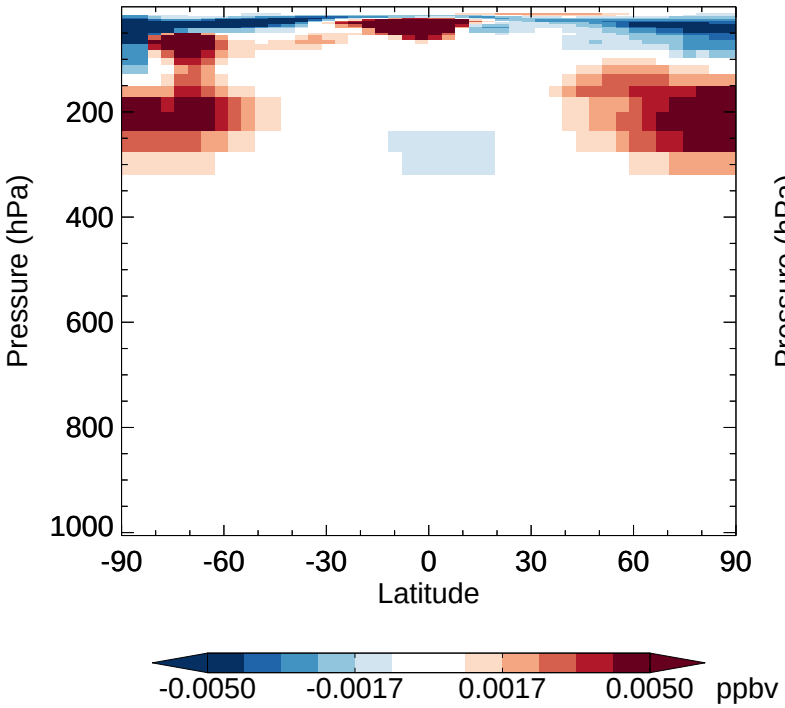
N2O5 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

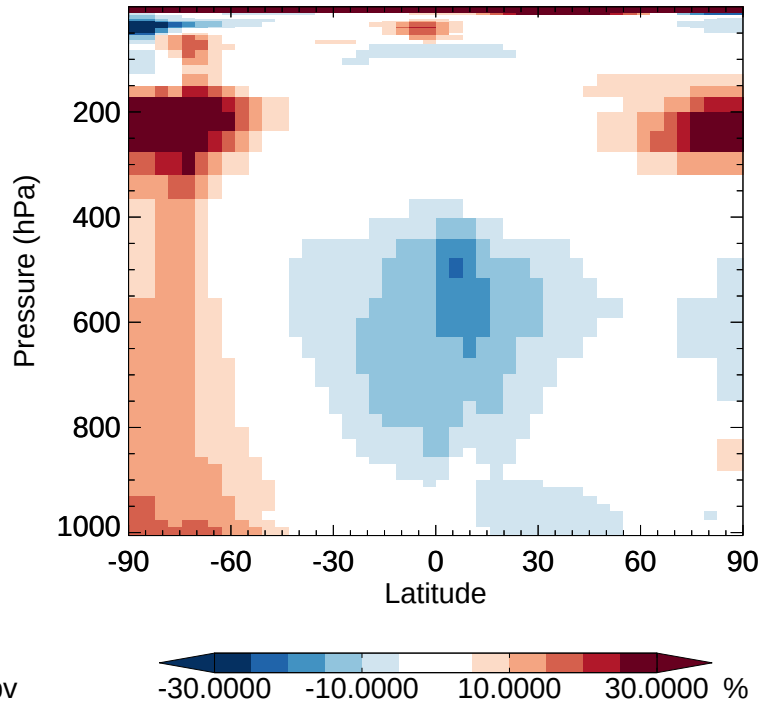
v11-02e-Run0 - v11-02d-Run1

HNO4 - Zonal mean abs diff for Apr



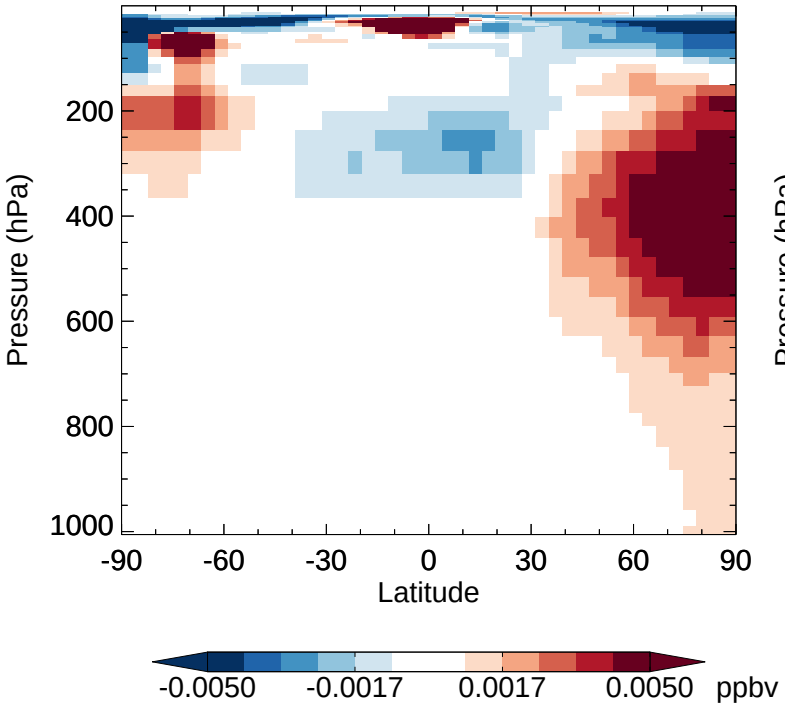
v11-02e-Run0 / v11-02d-Run1

HNO4 - Zonal mean % diff for Apr



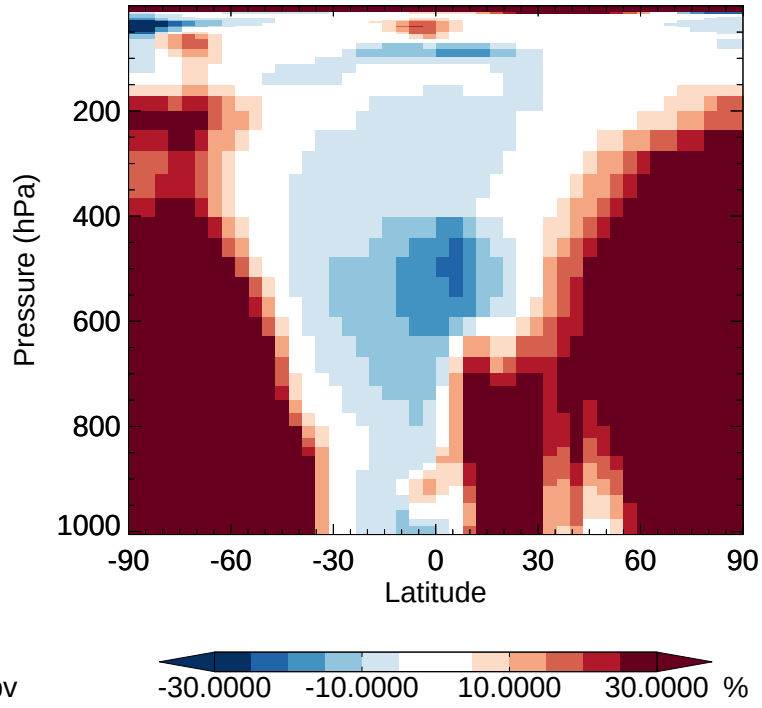
v11-02e-Run0 - v11-02c-Run0

HNO4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

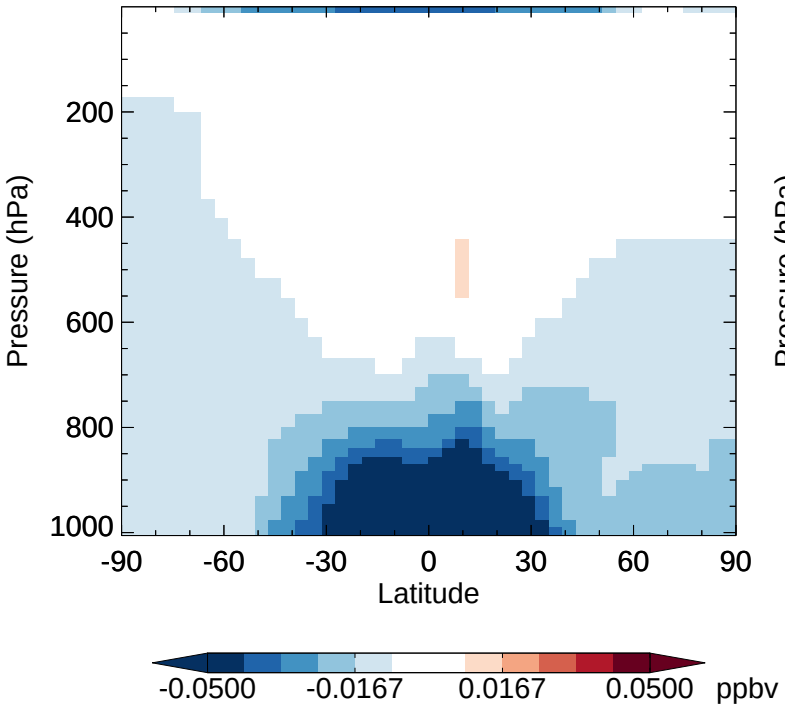
HNO4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

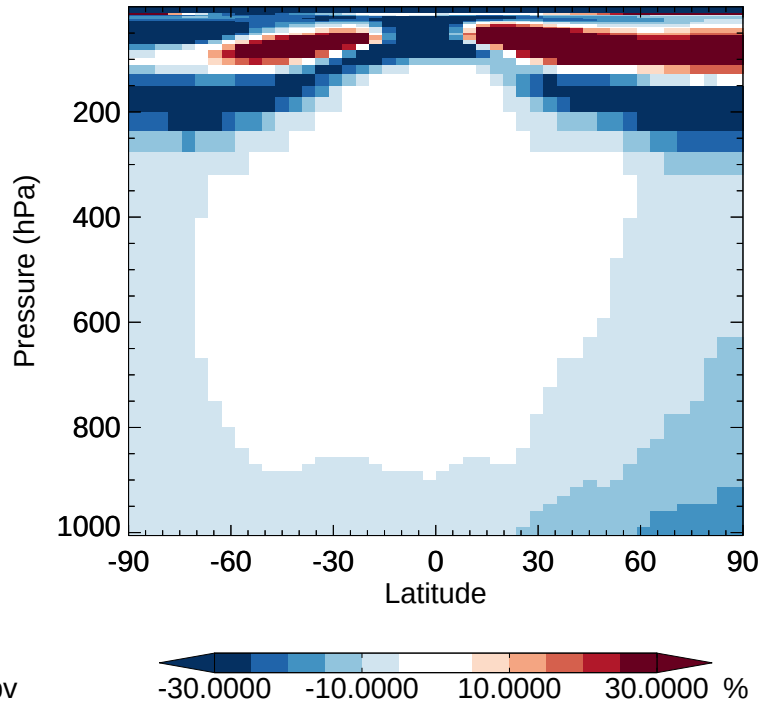
v11-02e-Run0 - v11-02d-Run1

MP - Zonal mean abs diff for Apr



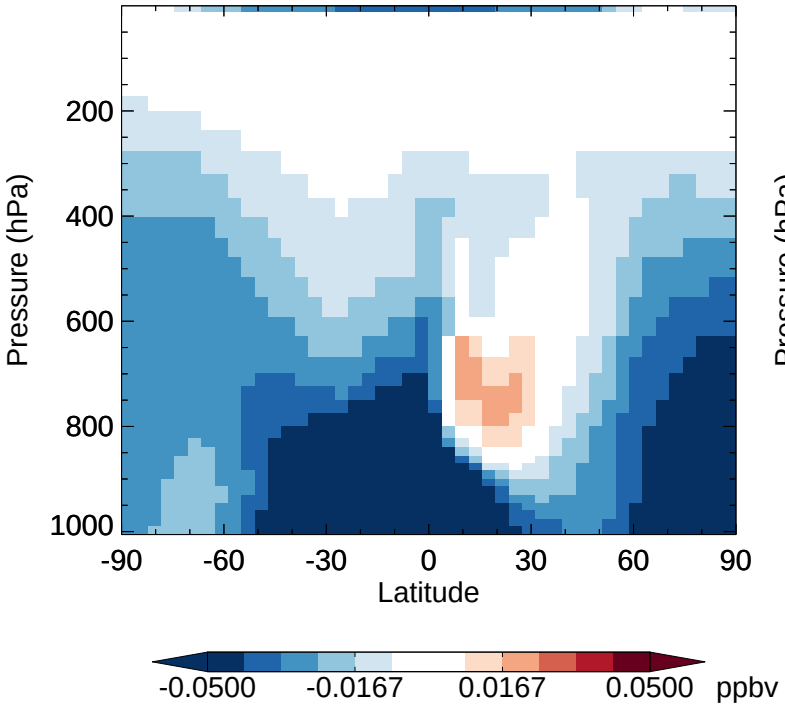
v11-02e-Run0 / v11-02d-Run1

MP - Zonal mean % diff for Apr



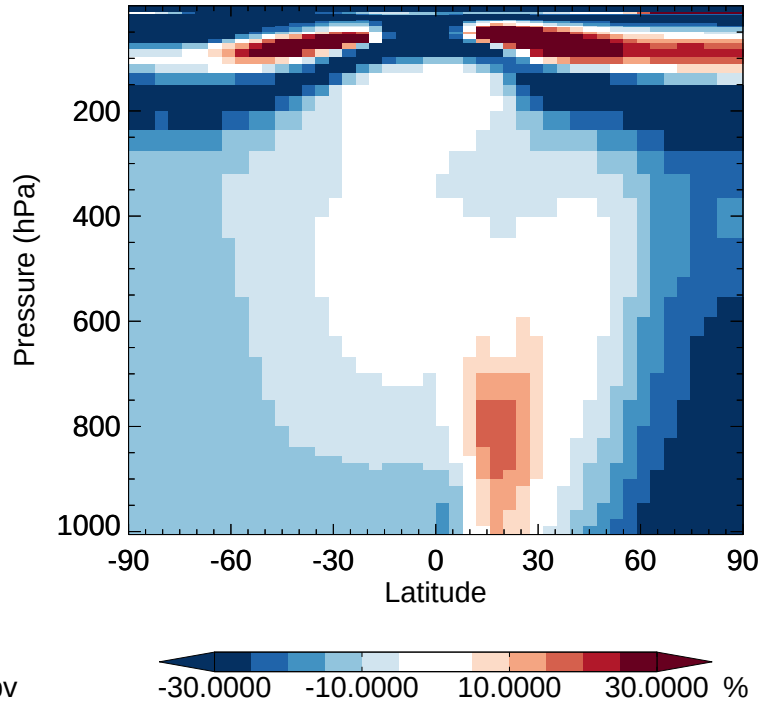
v11-02e-Run0 - v11-02c-Run0

MP - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

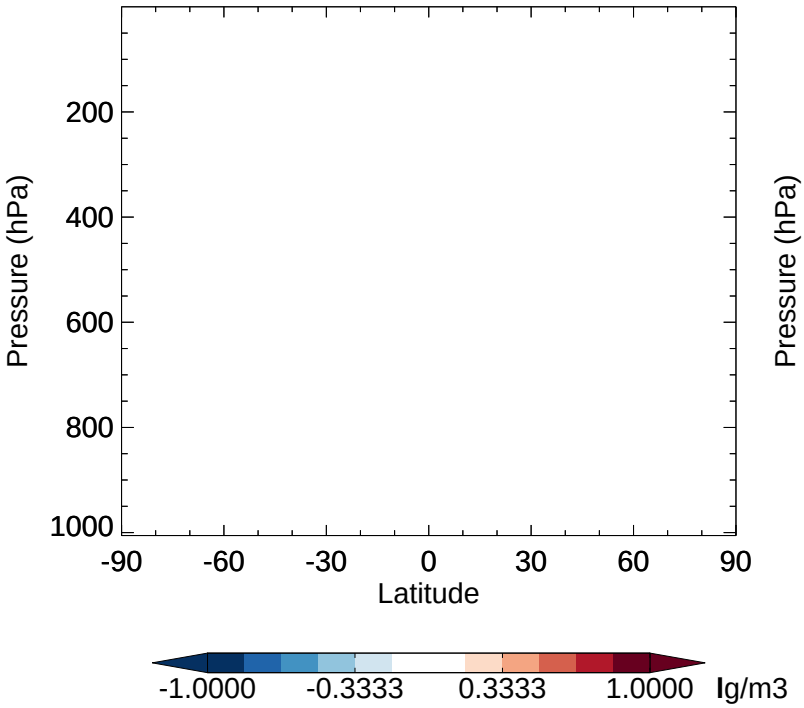
MP - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

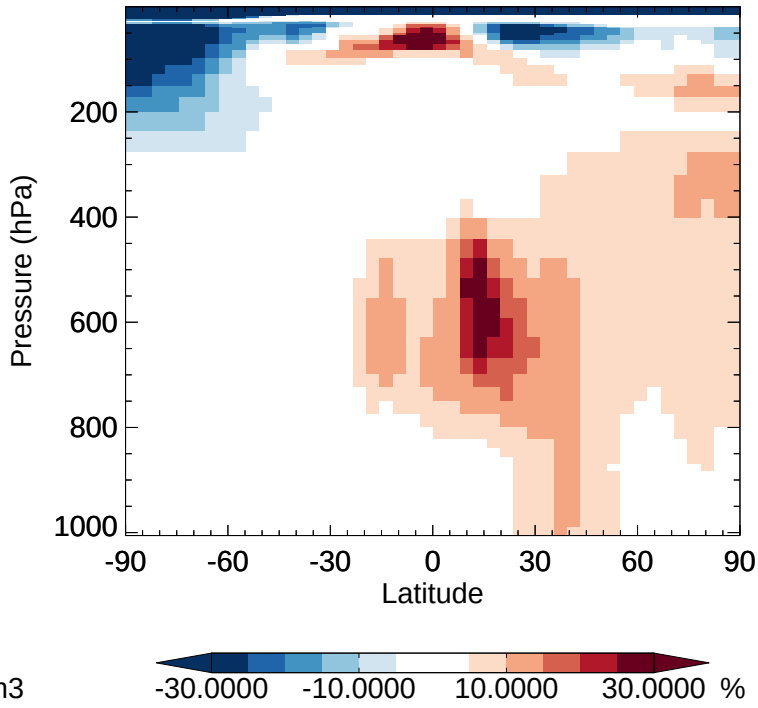
v11-02e-Run0 - v11-02d-Run1

DMS - Zonal mean abs diff for Apr



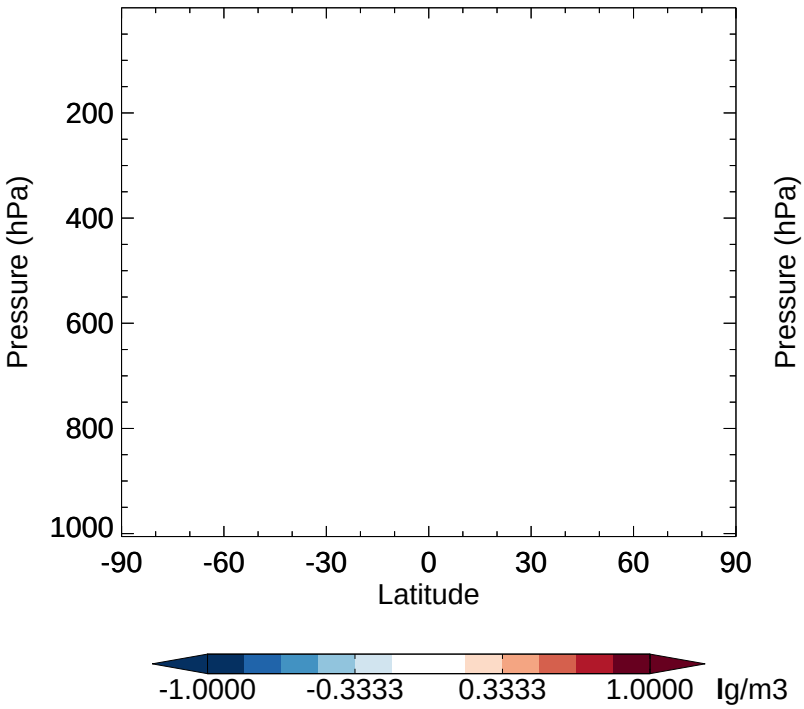
v11-02e-Run0 / v11-02d-Run1

DMS - Zonal mean % diff for Apr



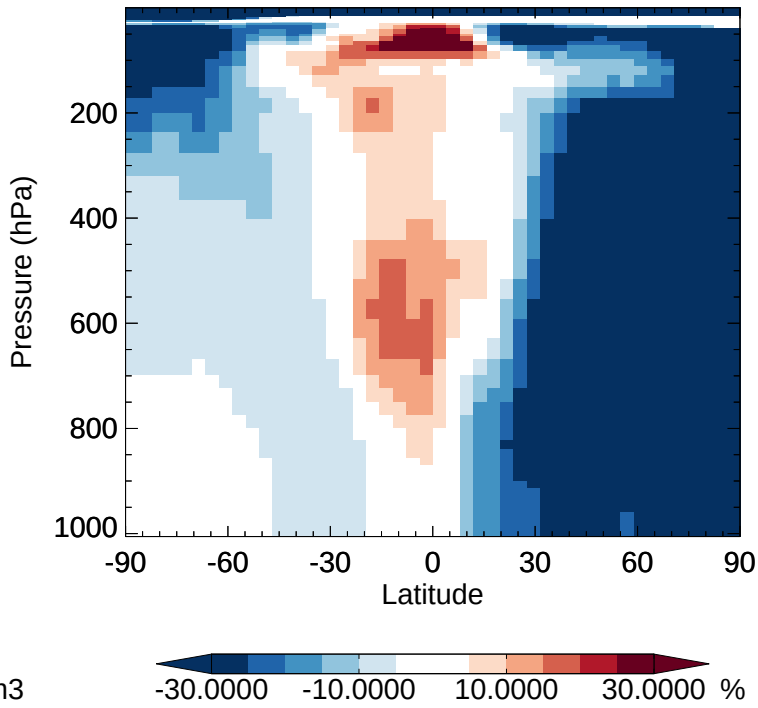
v11-02e-Run0 - v11-02c-Run0

DMS - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

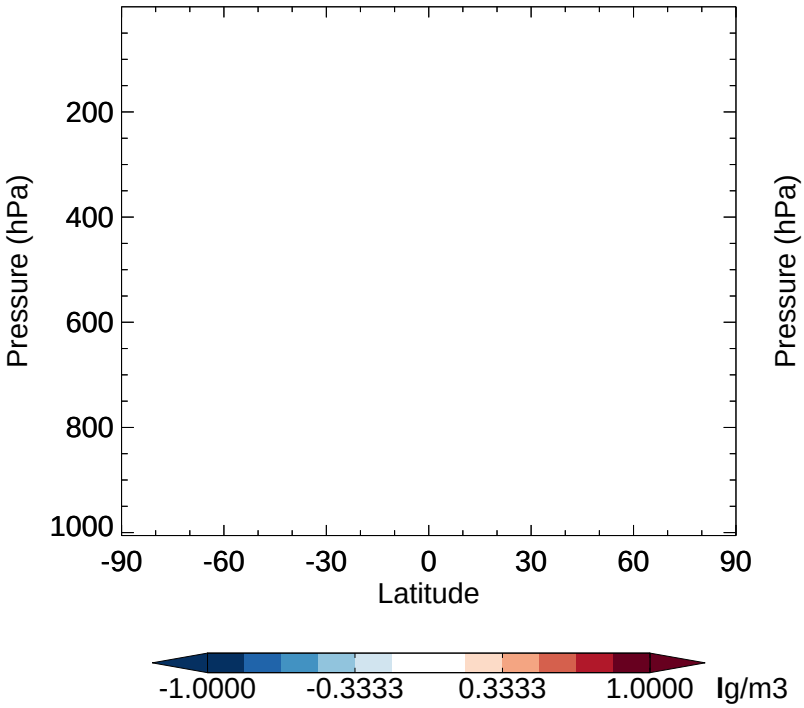
DMS - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

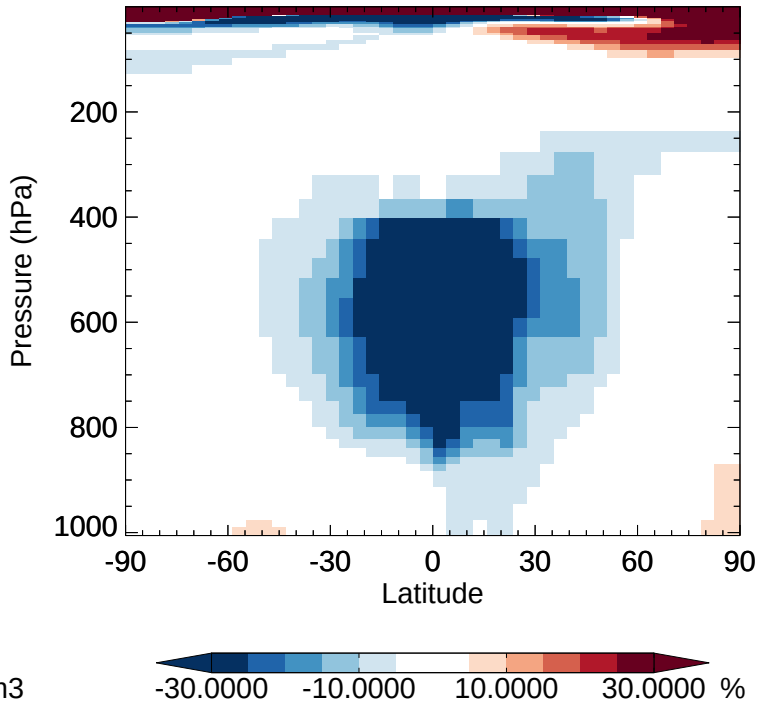
v11-02e-Run0 - v11-02d-Run1

SO2 - Zonal mean abs diff for Apr



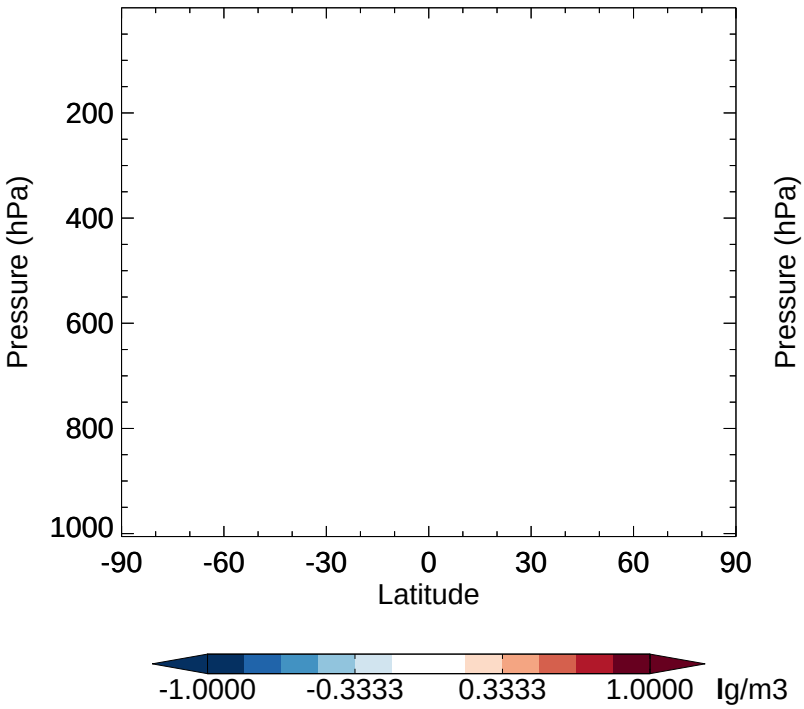
v11-02e-Run0 / v11-02d-Run1

SO2 - Zonal mean % diff for Apr



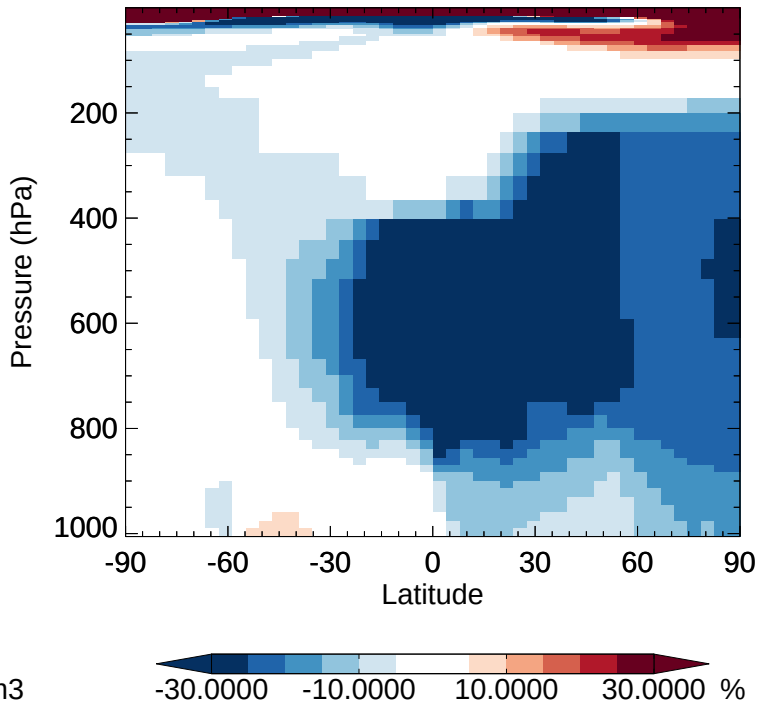
v11-02e-Run0 - v11-02c-Run0

SO2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

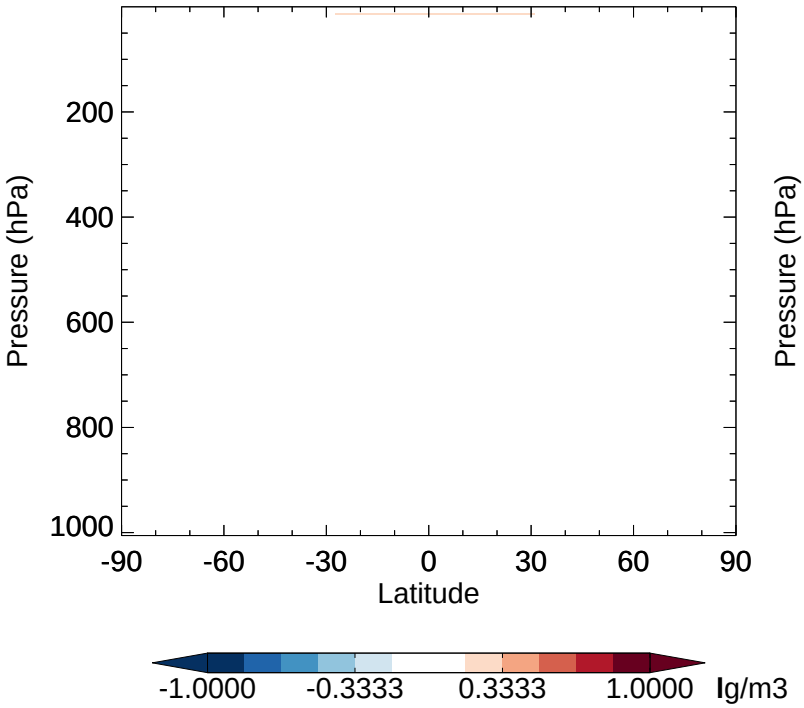
SO2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

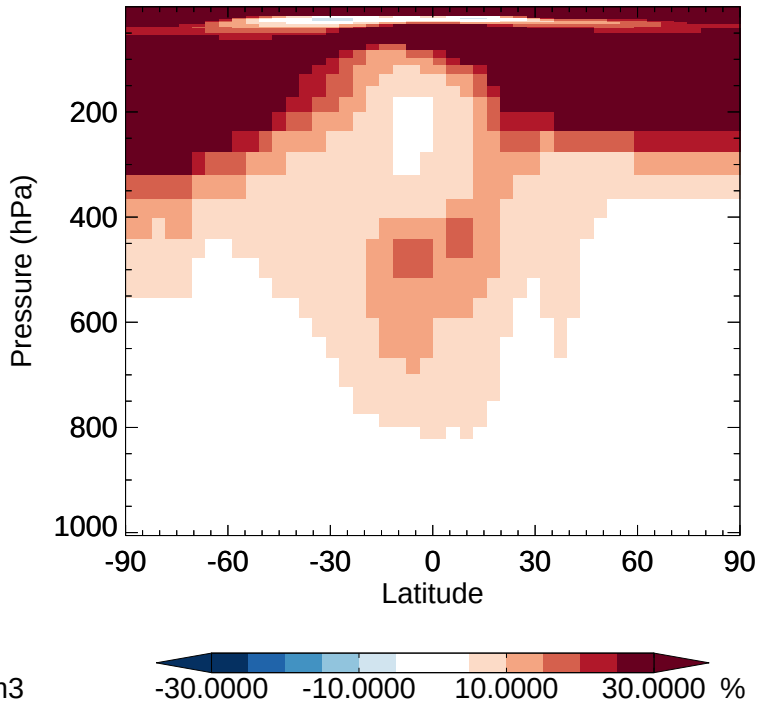
v11-02e-Run0 - v11-02d-Run1

SO4 - Zonal mean abs diff for Apr



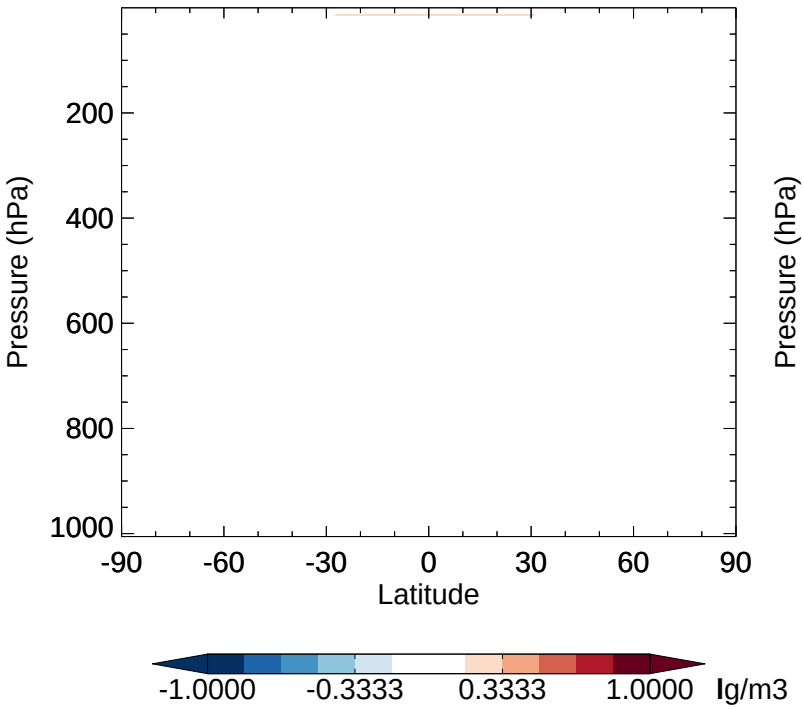
v11-02e-Run0 / v11-02d-Run1

SO4 - Zonal mean % diff for Apr



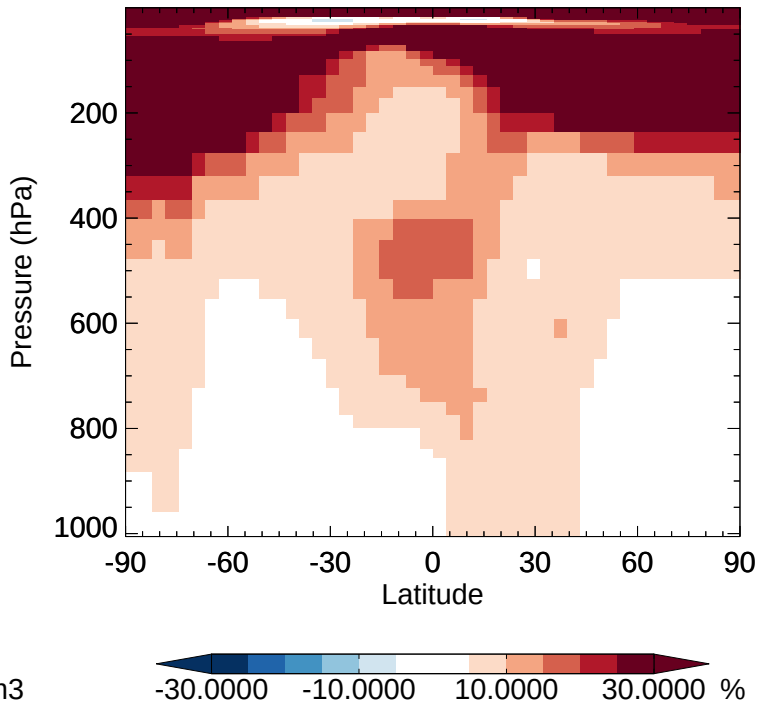
v11-02e-Run0 - v11-02c-Run0

SO4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

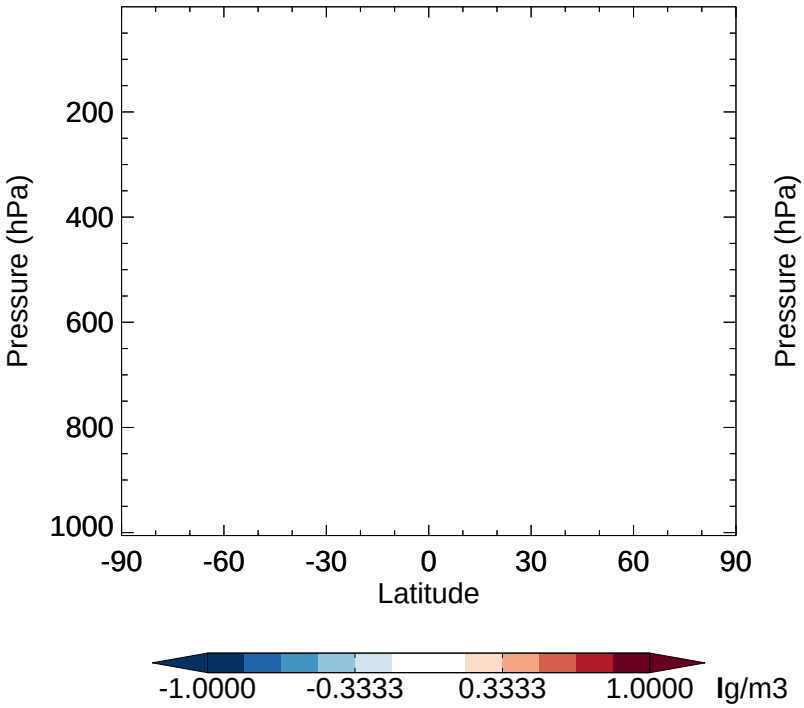
SO4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

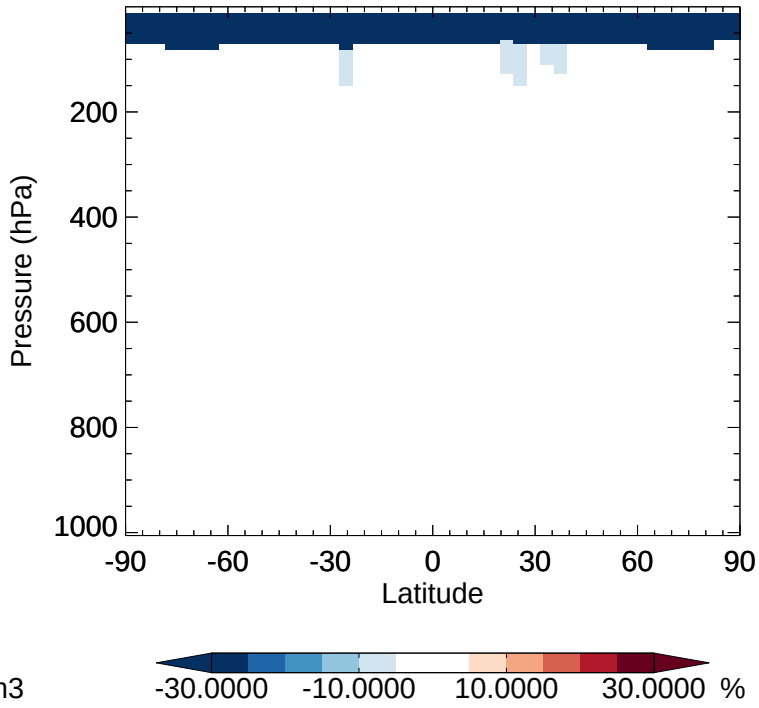
v11-02e-Run0 - v11-02d-Run1

SO4s - Zonal mean abs diff for Apr



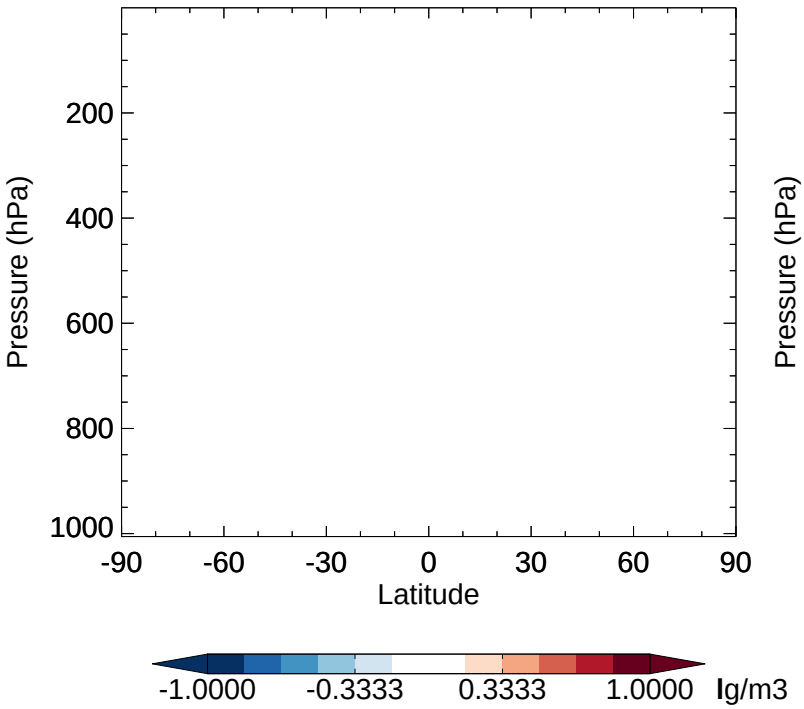
v11-02e-Run0 / v11-02d-Run1

SO4s - Zonal mean % diff for Apr



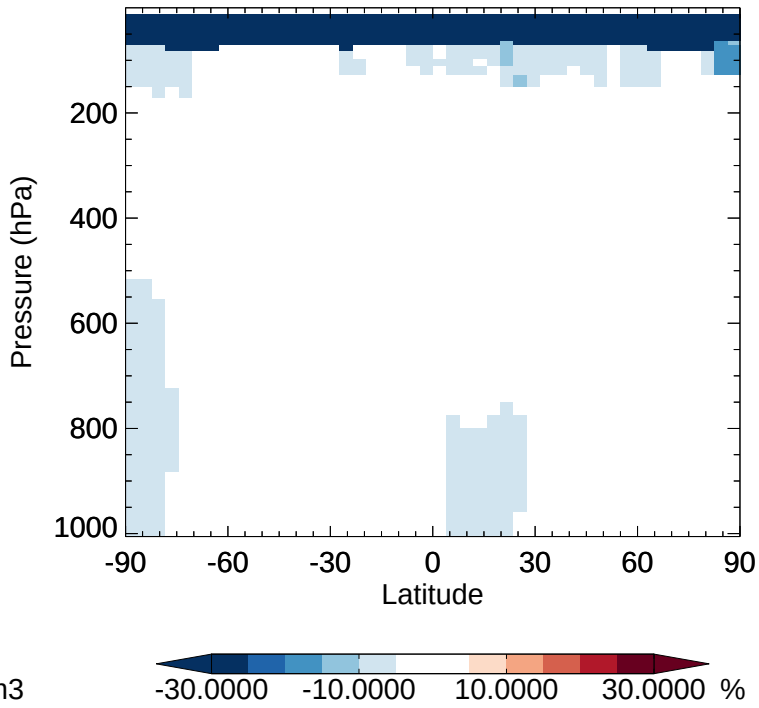
v11-02e-Run0 - v11-02c-Run0

SO4s - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

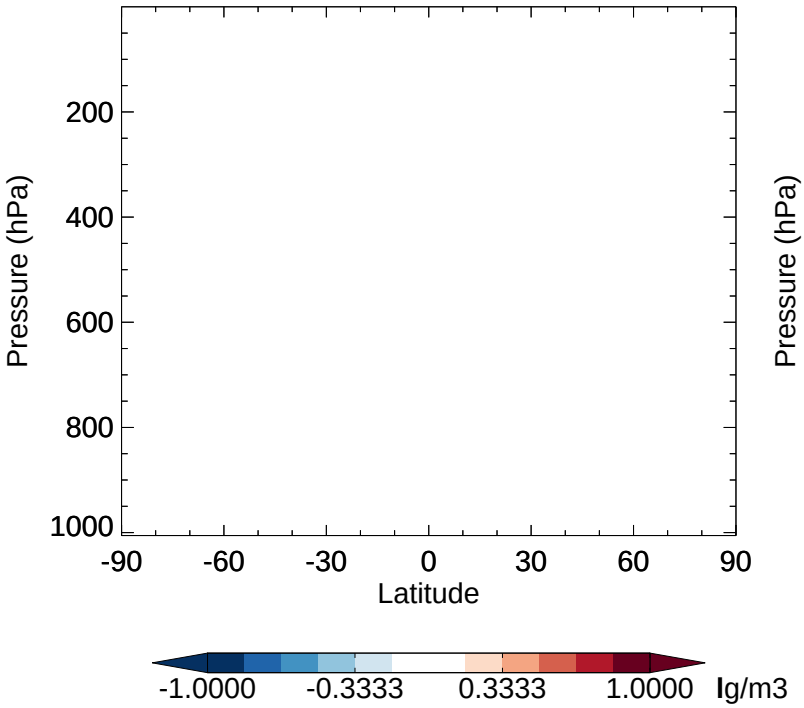
SO4s - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

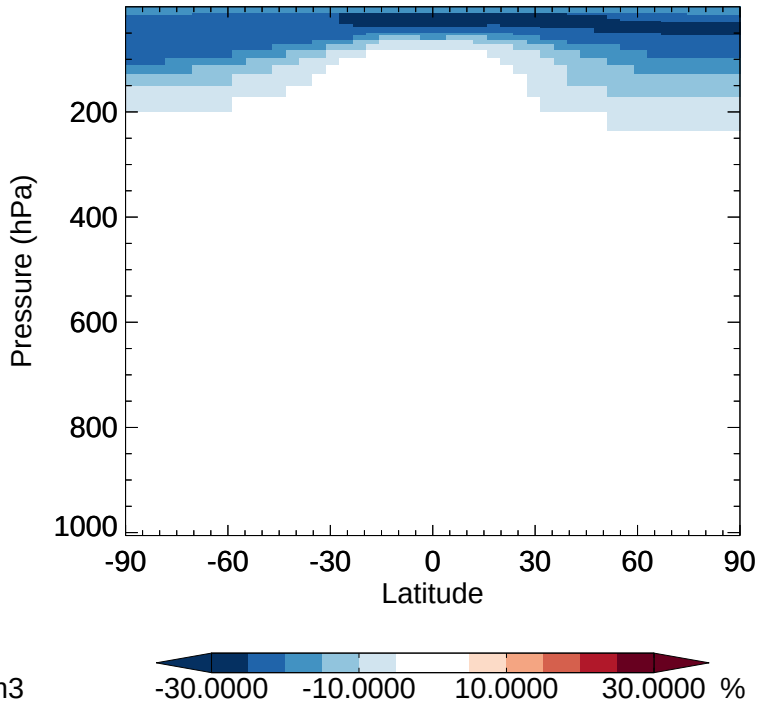
v11-02e-Run0 - v11-02d-Run1

MSA - Zonal mean abs diff for Apr



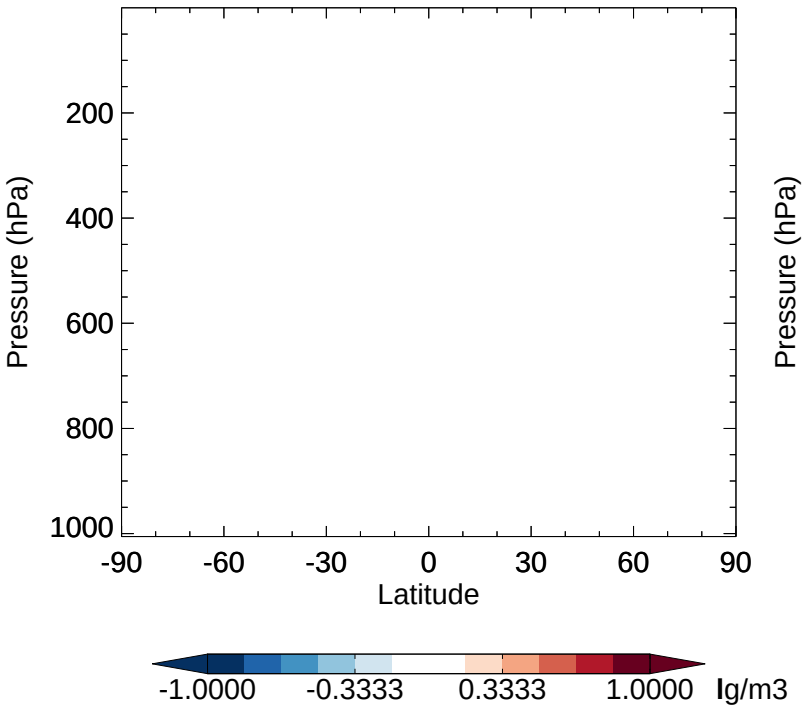
v11-02e-Run0 / v11-02d-Run1

MSA - Zonal mean % diff for Apr



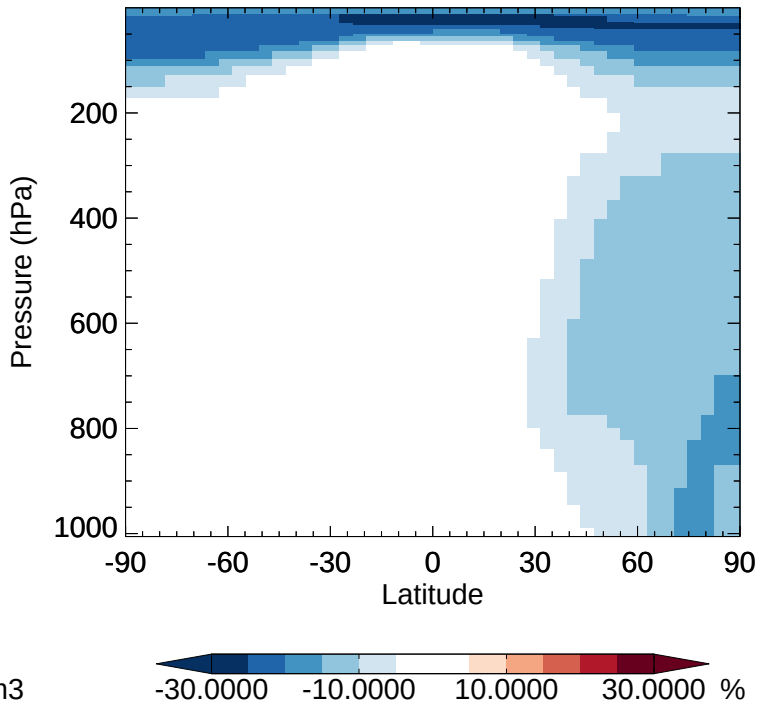
v11-02e-Run0 - v11-02c-Run0

MSA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

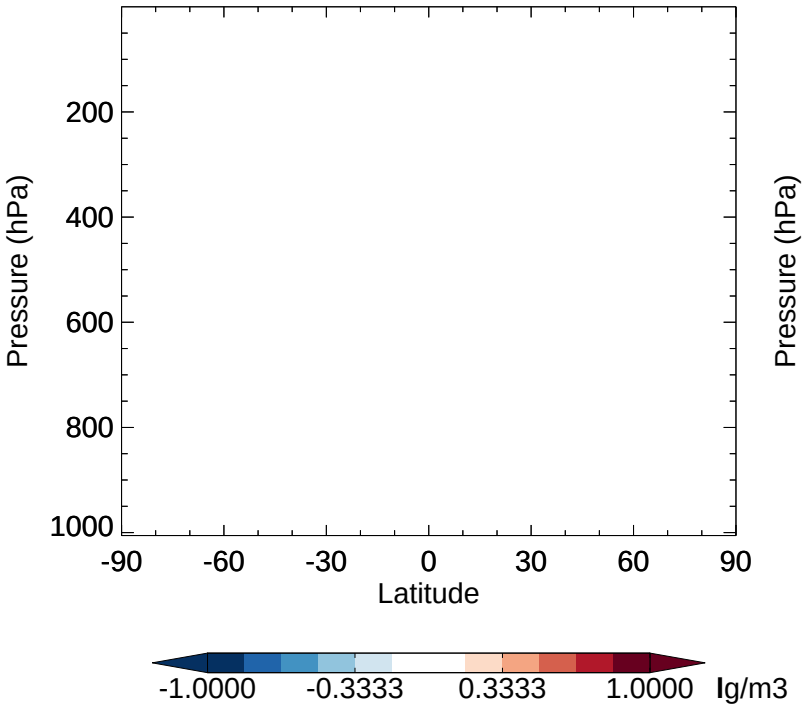
MSA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

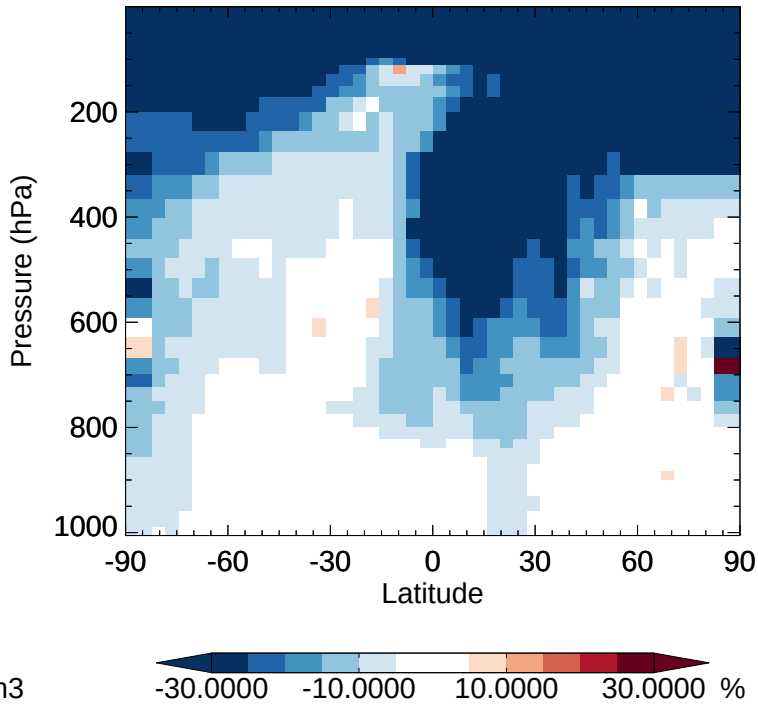
v11-02e-Run0 - v11-02d-Run1

NH3 - Zonal mean abs diff for Apr



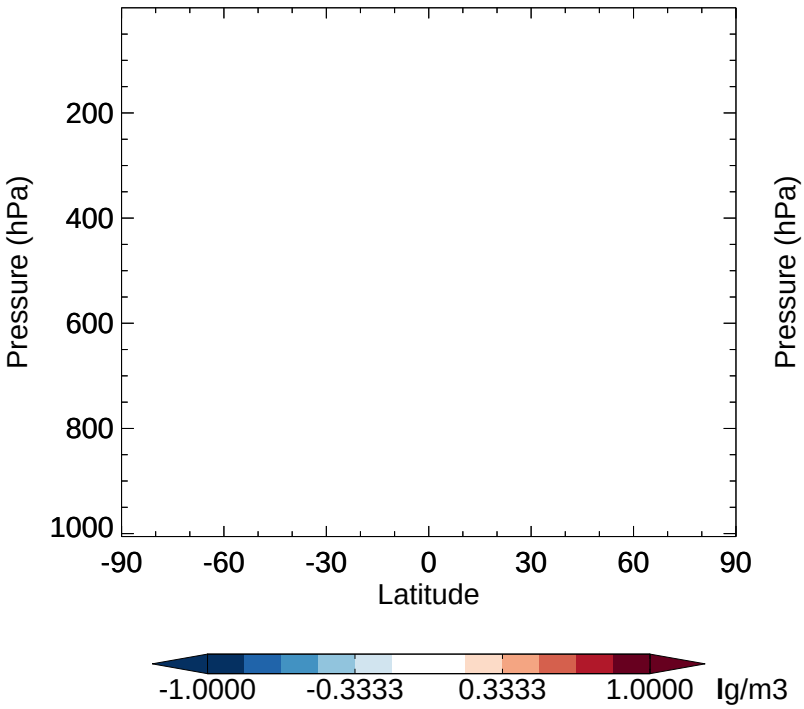
v11-02e-Run0 / v11-02d-Run1

NH3 - Zonal mean % diff for Apr



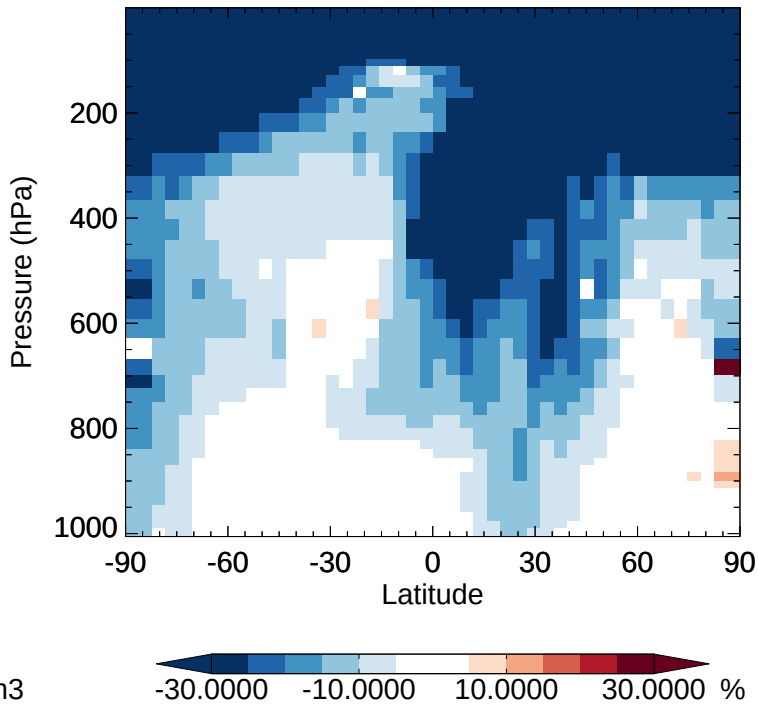
v11-02e-Run0 - v11-02c-Run0

NH3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

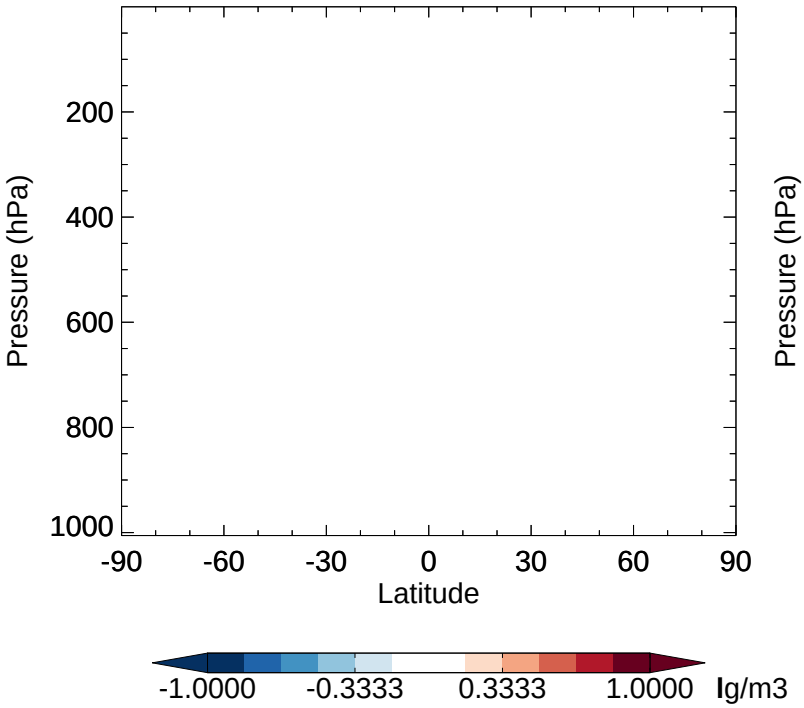
NH3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

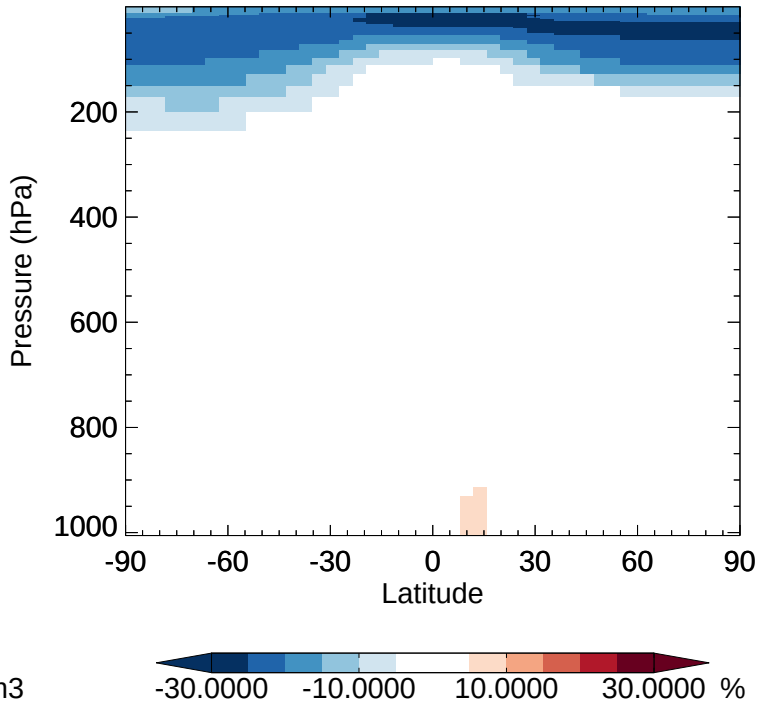
v11-02e-Run0 - v11-02d-Run1

NH4 - Zonal mean abs diff for Apr



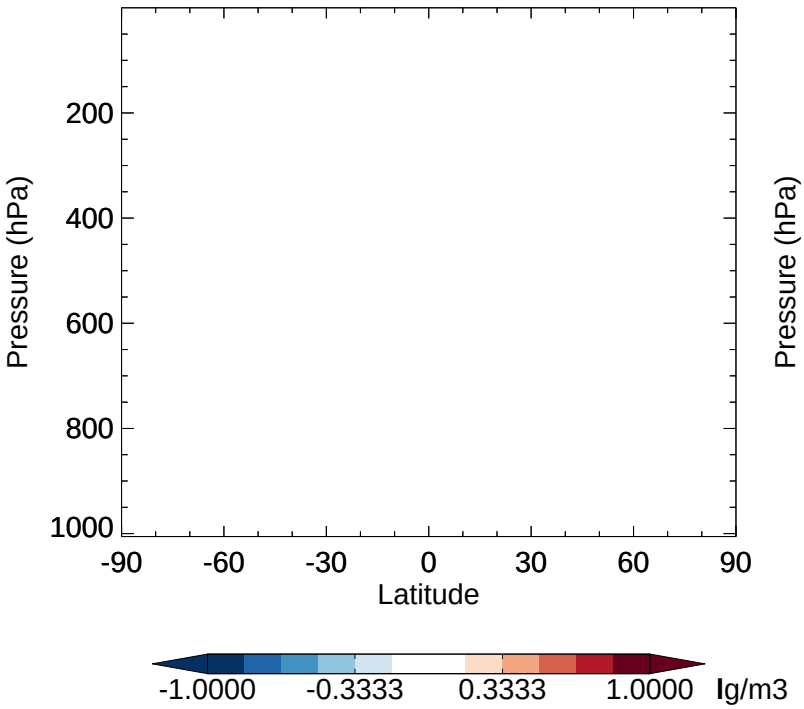
v11-02e-Run0 / v11-02d-Run1

NH4 - Zonal mean % diff for Apr



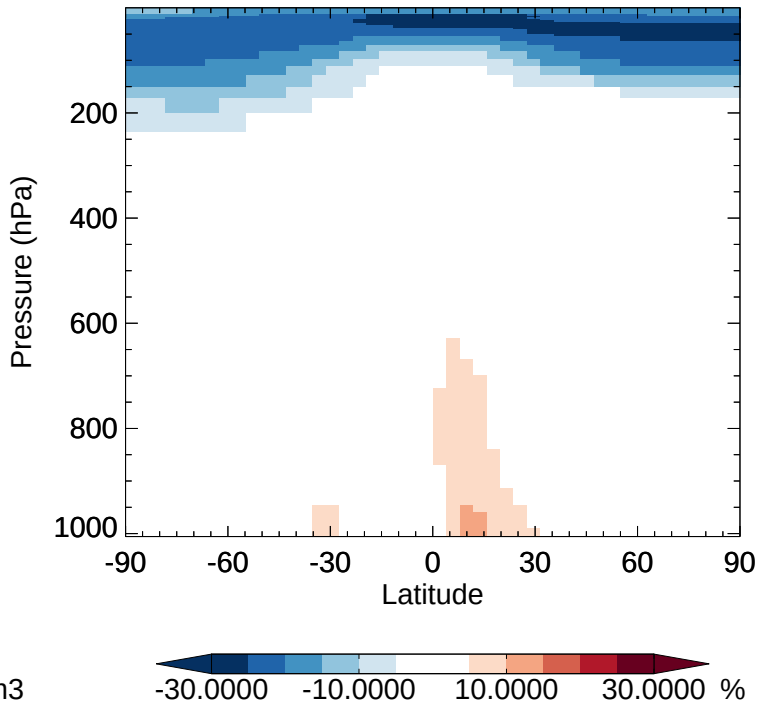
v11-02e-Run0 - v11-02c-Run0

NH4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

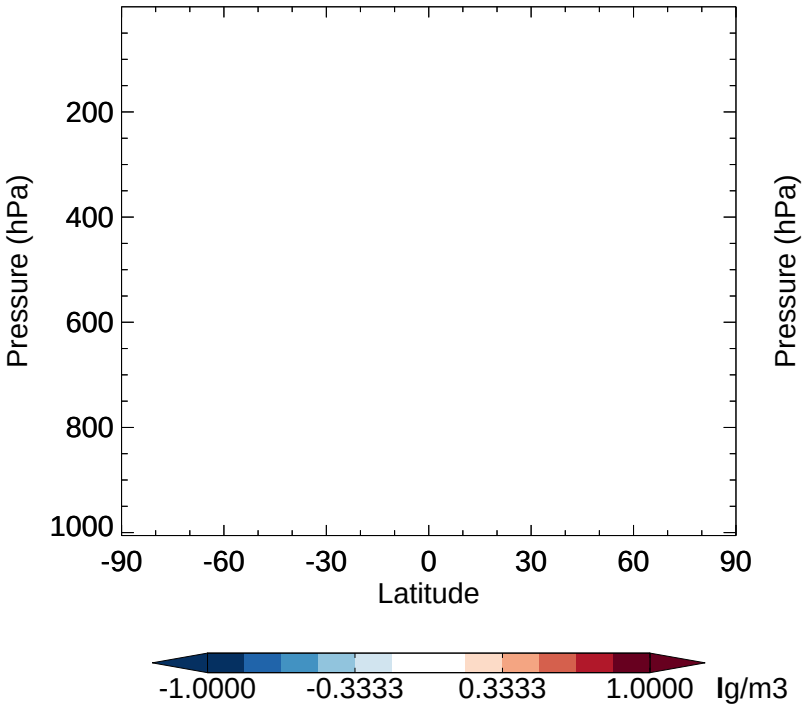
NH4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

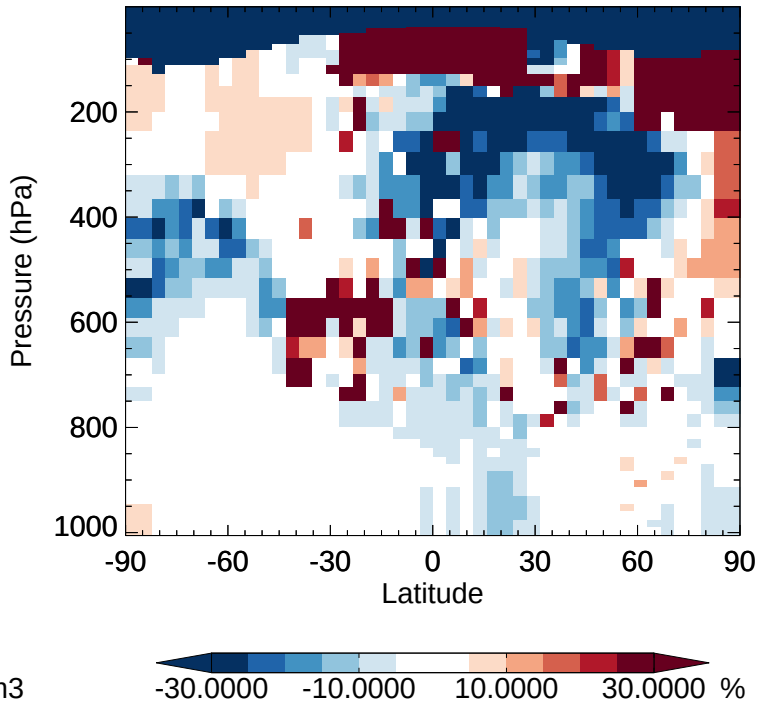
v11-02e-Run0 - v11-02d-Run1

NIT - Zonal mean abs diff for Apr



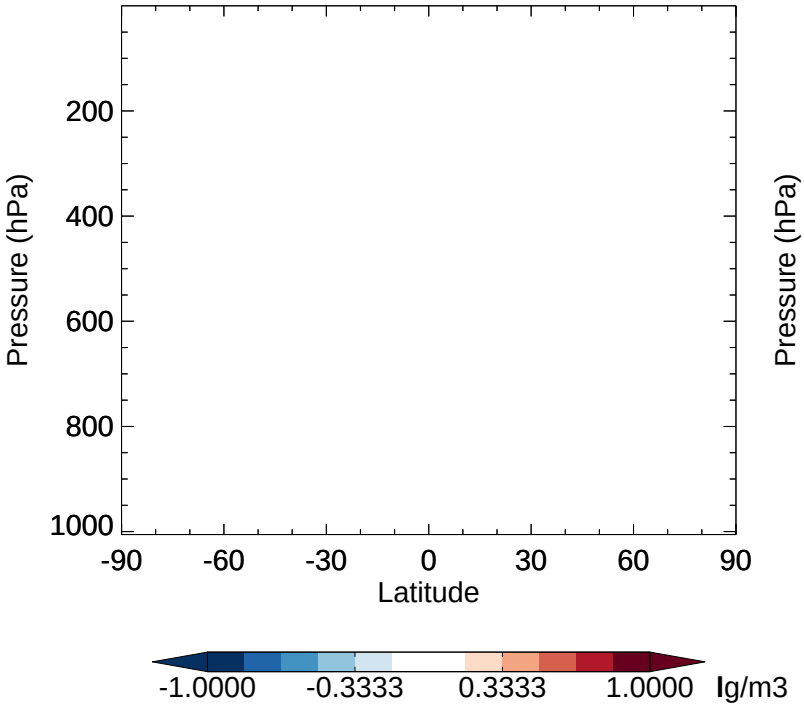
v11-02e-Run0 / v11-02d-Run1

NIT - Zonal mean % diff for Apr



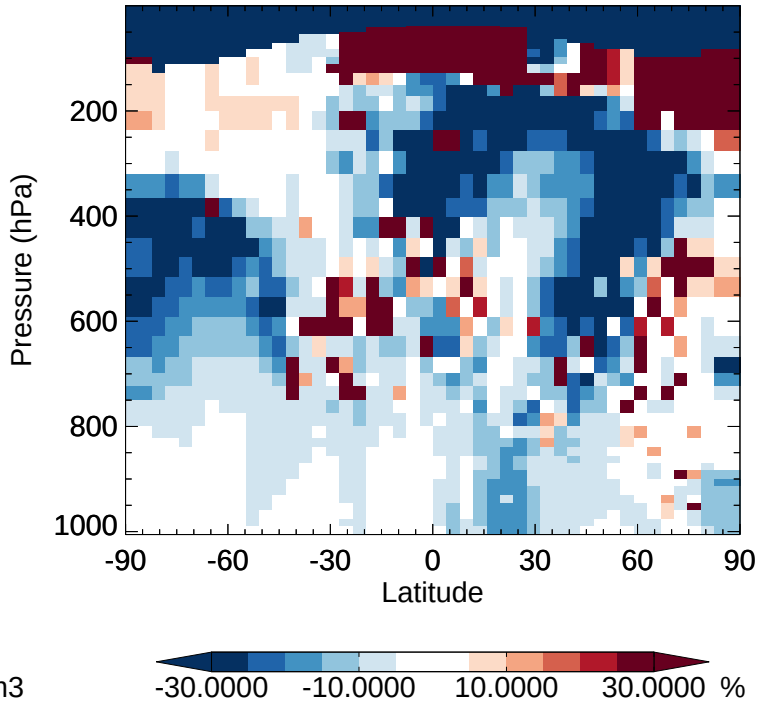
v11-02e-Run0 - v11-02c-Run0

NIT - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

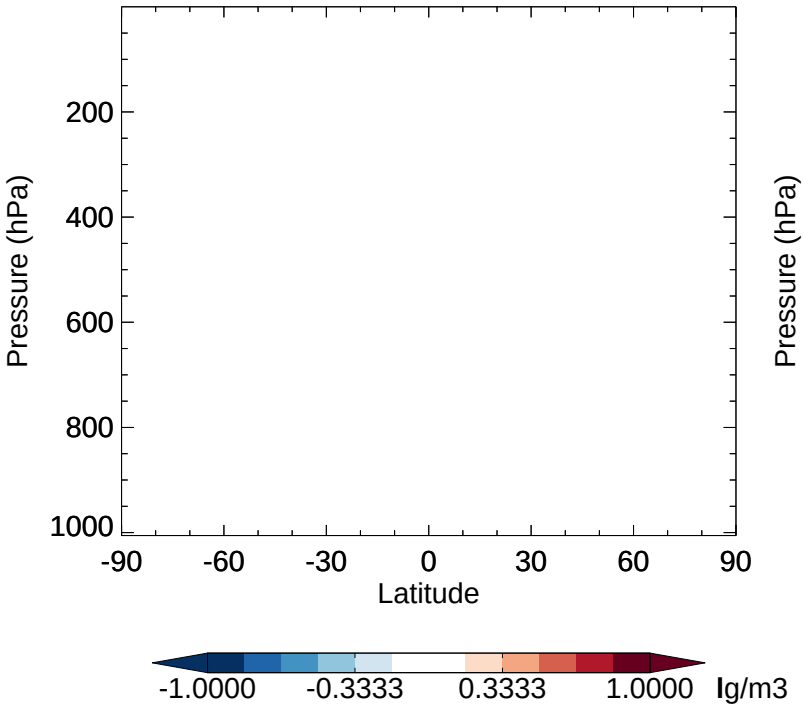
NIT - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

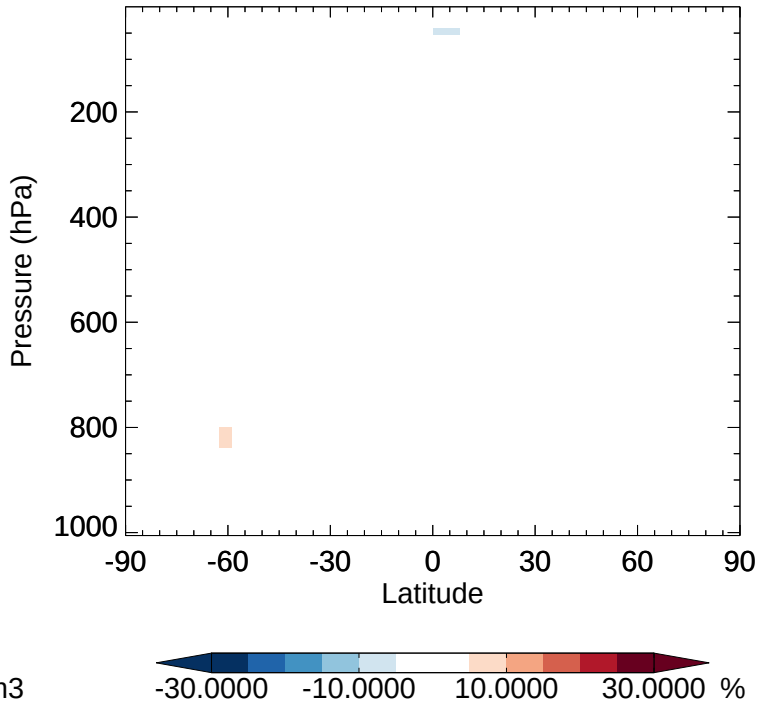
v11-02e-Run0 - v11-02d-Run1

NITs - Zonal mean abs diff for Apr



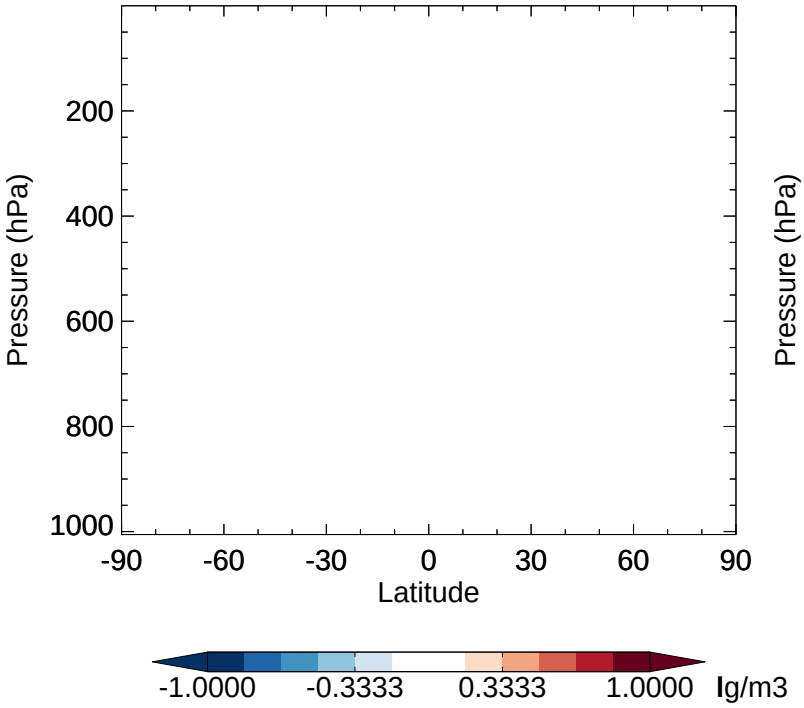
v11-02e-Run0 / v11-02d-Run1

NITs - Zonal mean % diff for Apr



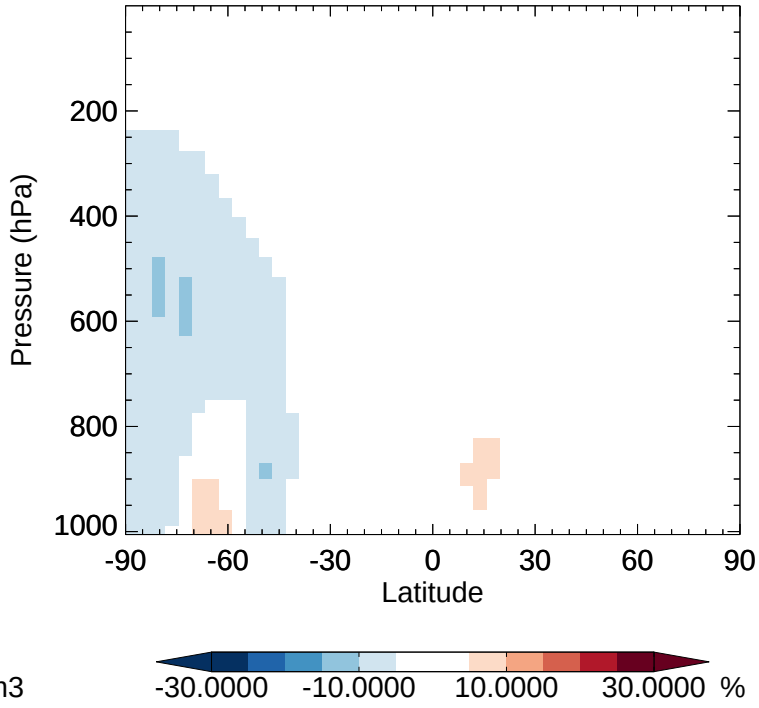
v11-02e-Run0 - v11-02c-Run0

NITs - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

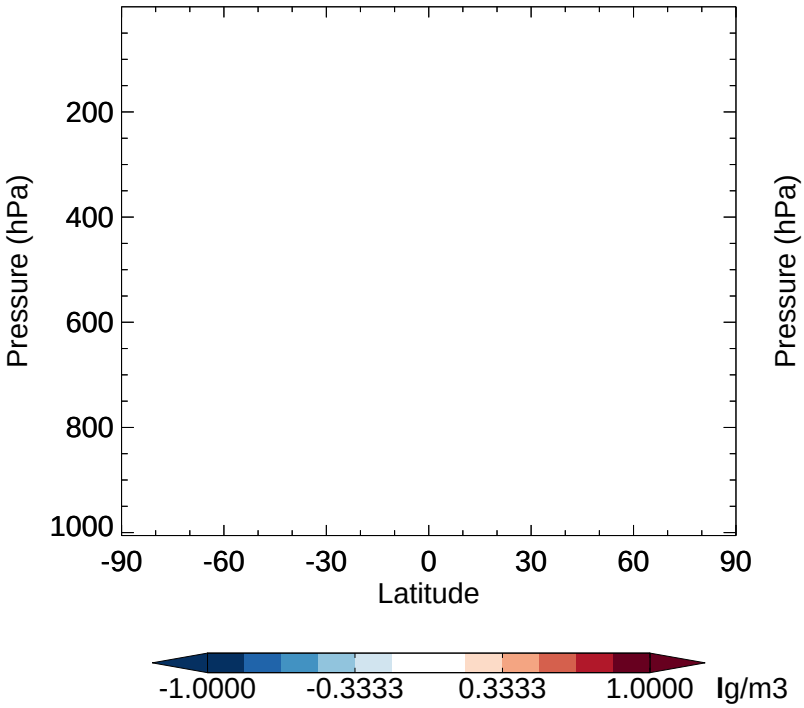
NITs - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

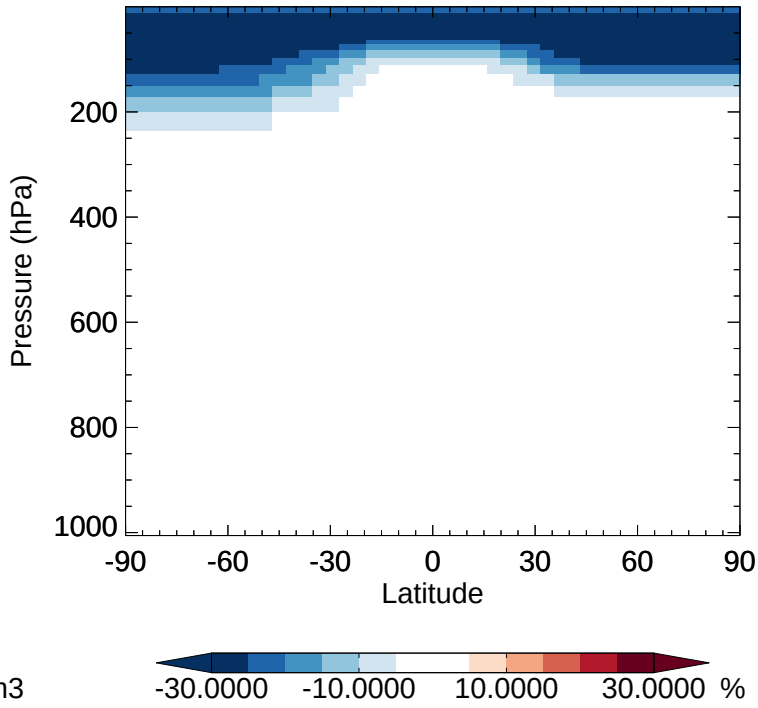
v11-02e-Run0 - v11-02d-Run1

BCPI - Zonal mean abs diff for Apr



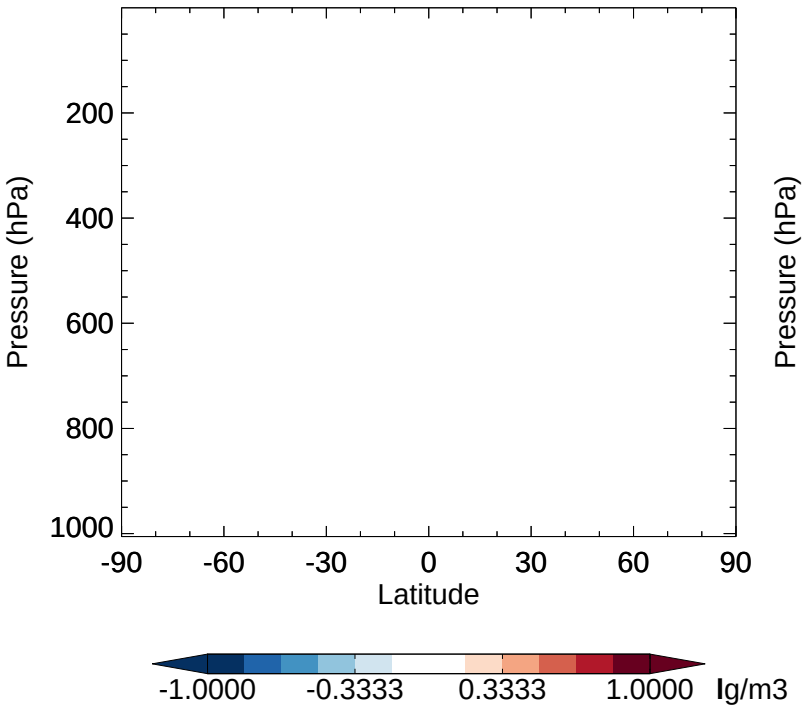
v11-02e-Run0 / v11-02d-Run1

BCPI - Zonal mean % diff for Apr



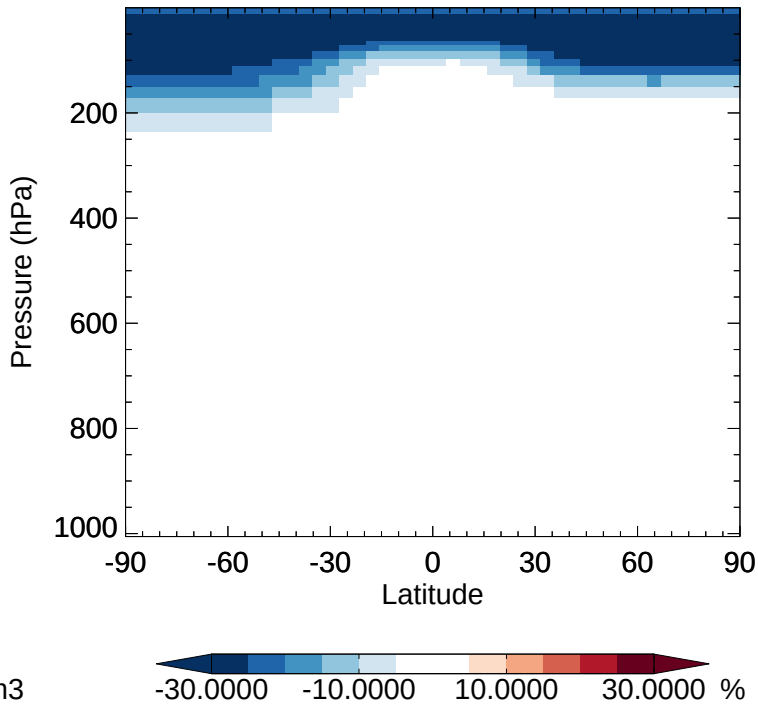
v11-02e-Run0 - v11-02c-Run0

BCPI - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

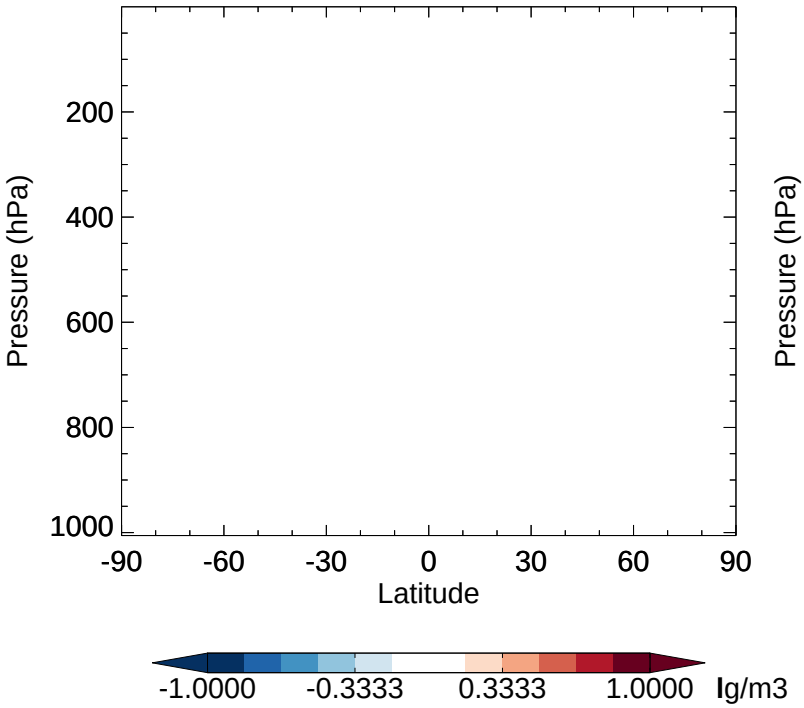
BCPI - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

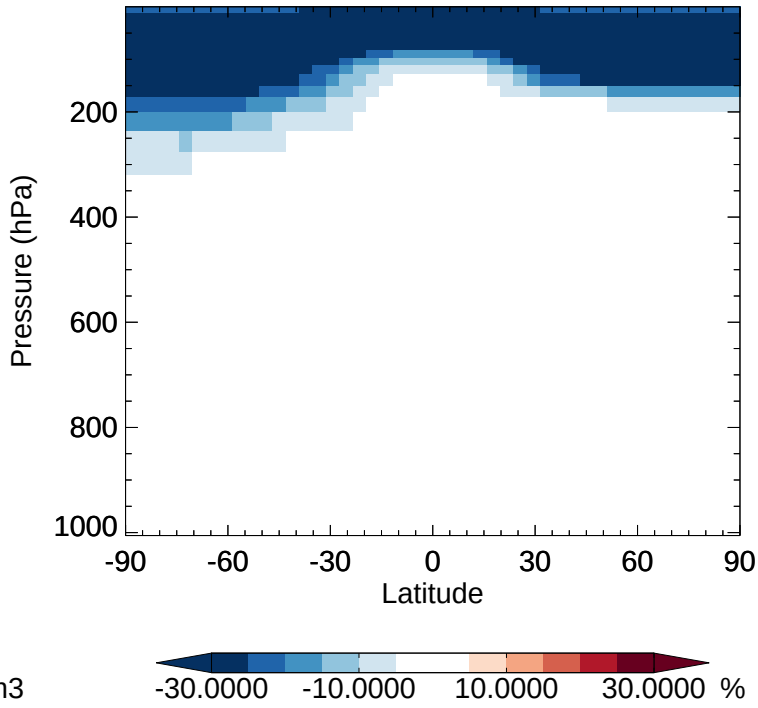
v11-02e-Run0 - v11-02d-Run1

OCPI - Zonal mean abs diff for Apr



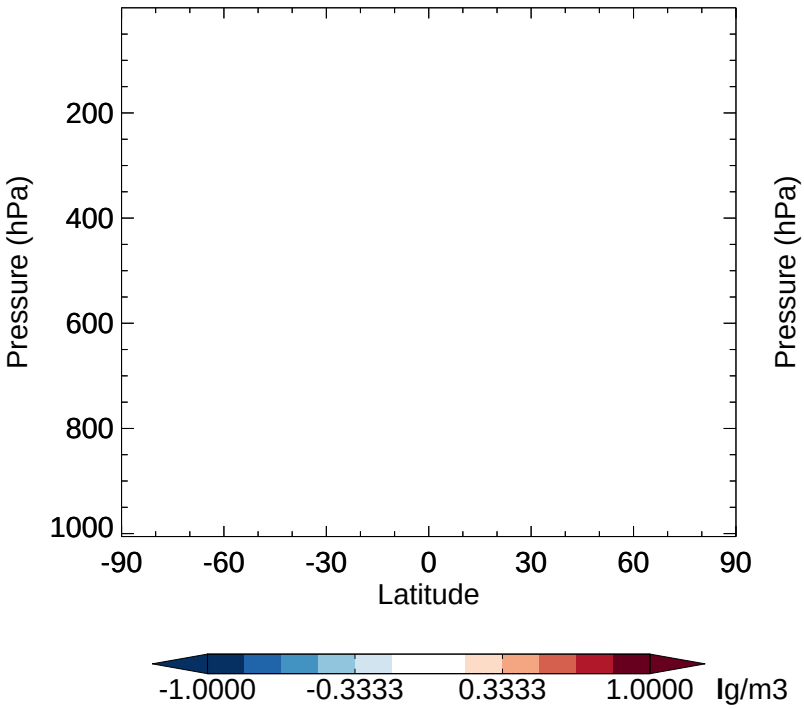
v11-02e-Run0 / v11-02d-Run1

OCPI - Zonal mean % diff for Apr



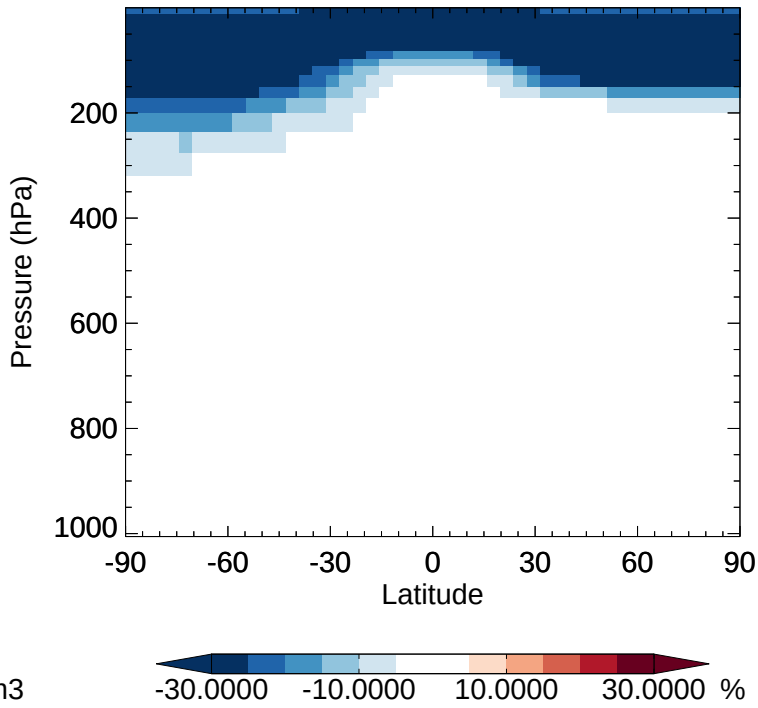
v11-02e-Run0 - v11-02c-Run0

OCPI - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

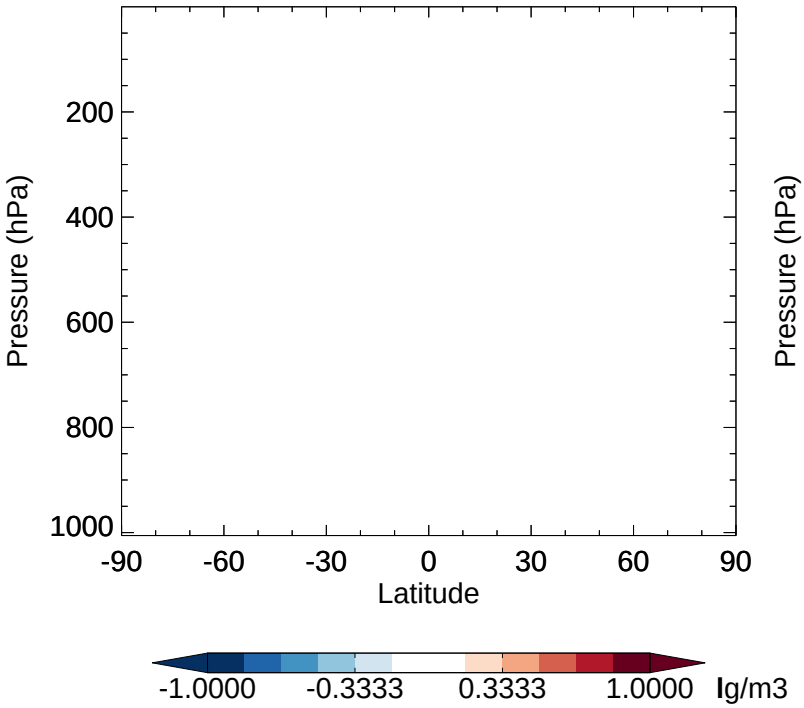
OCPI - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

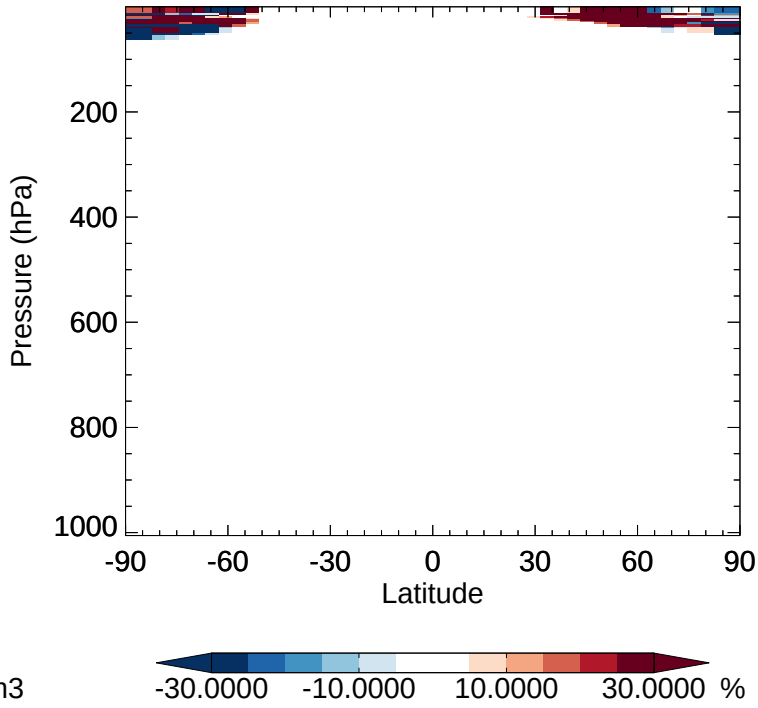
v11-02e-Run0 - v11-02d-Run1

BCPO - Zonal mean abs diff for Apr



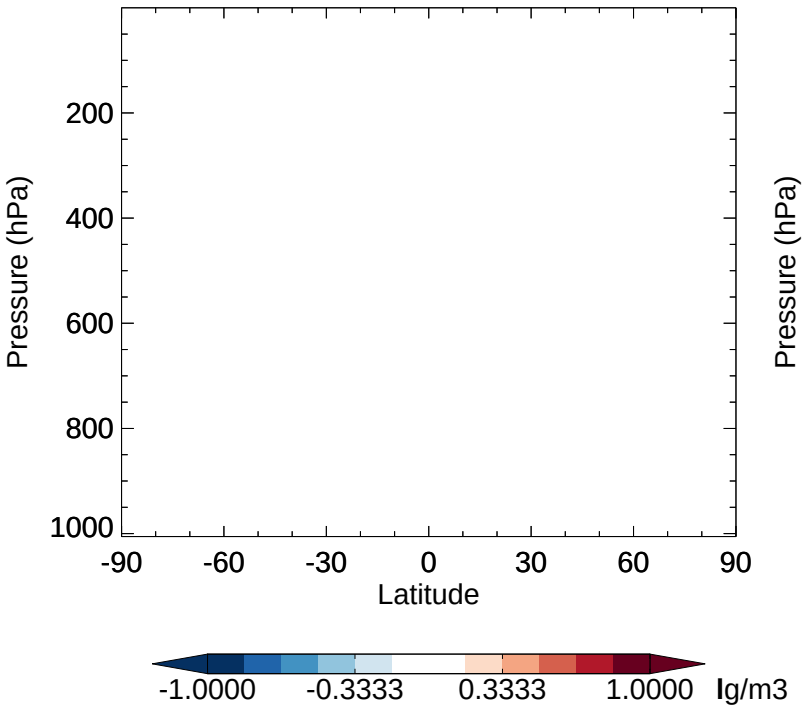
v11-02e-Run0 / v11-02d-Run1

BCPO - Zonal mean % diff for Apr



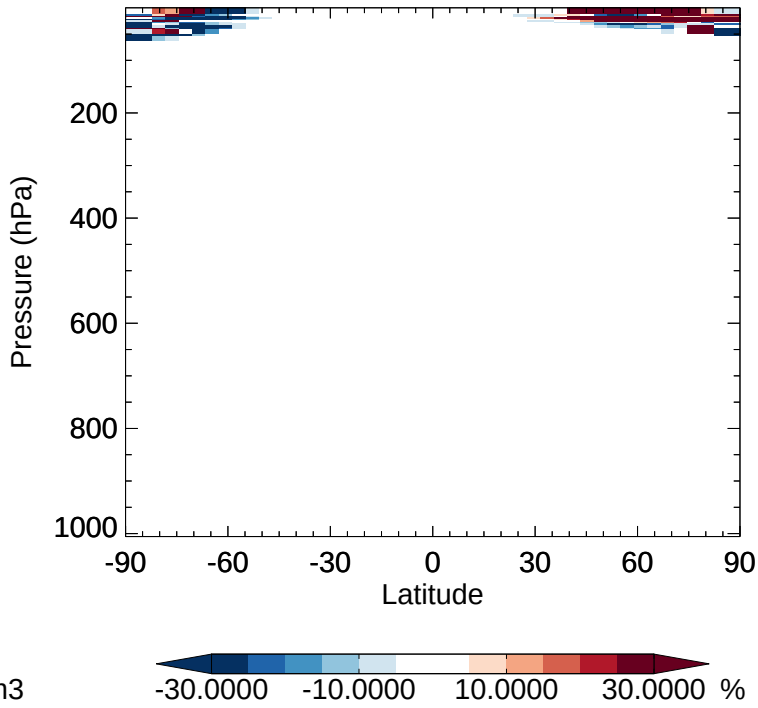
v11-02e-Run0 - v11-02c-Run0

BCPO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

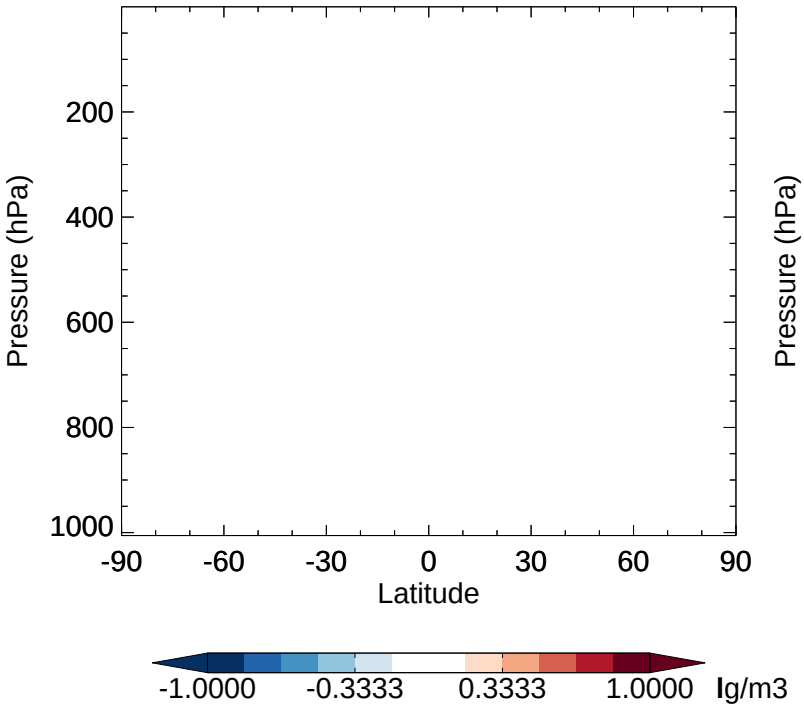
BCPO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

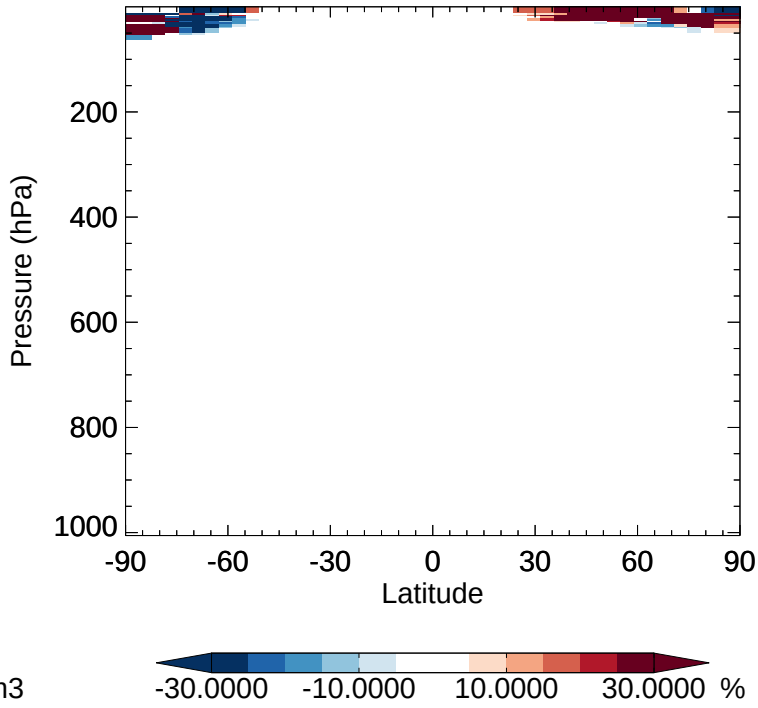
v11-02e-Run0 - v11-02d-Run1

OCPO - Zonal mean abs diff for Apr



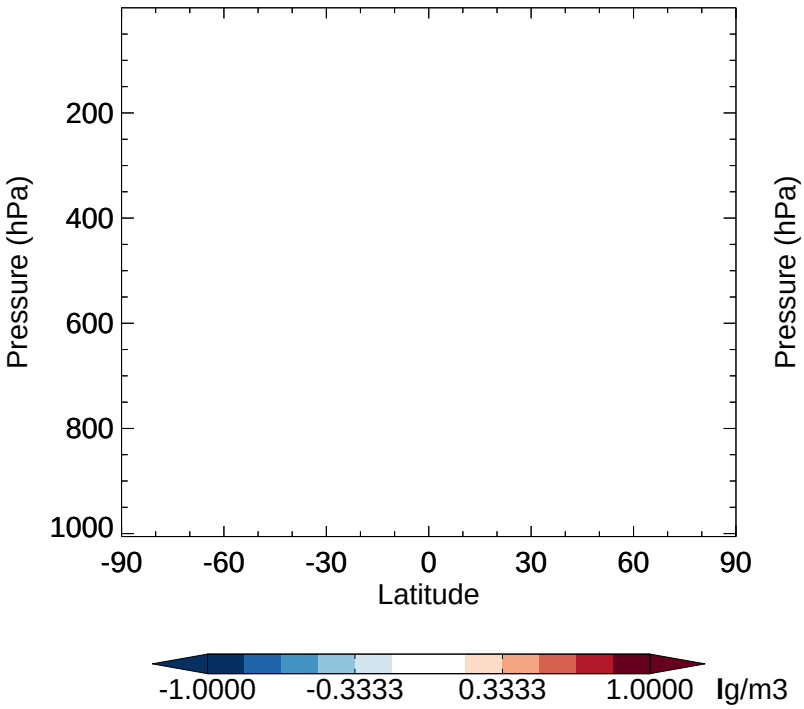
v11-02e-Run0 / v11-02d-Run1

OCPO - Zonal mean % diff for Apr



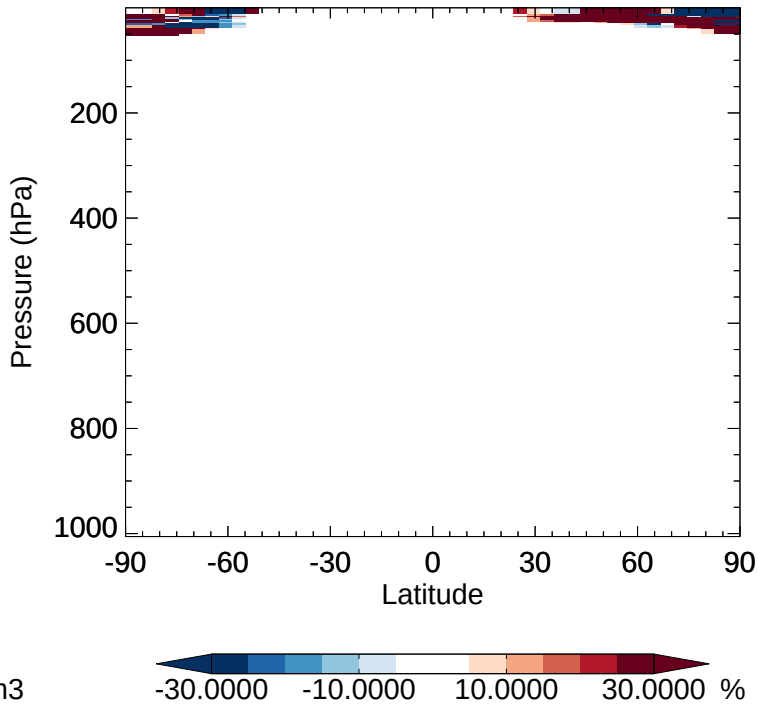
v11-02e-Run0 - v11-02c-Run0

OCPO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

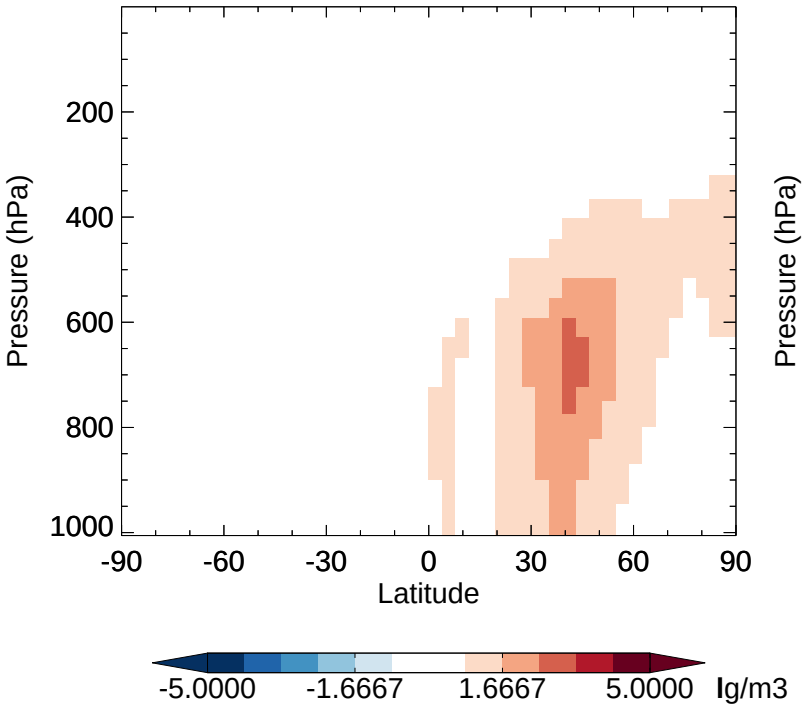
OCPO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

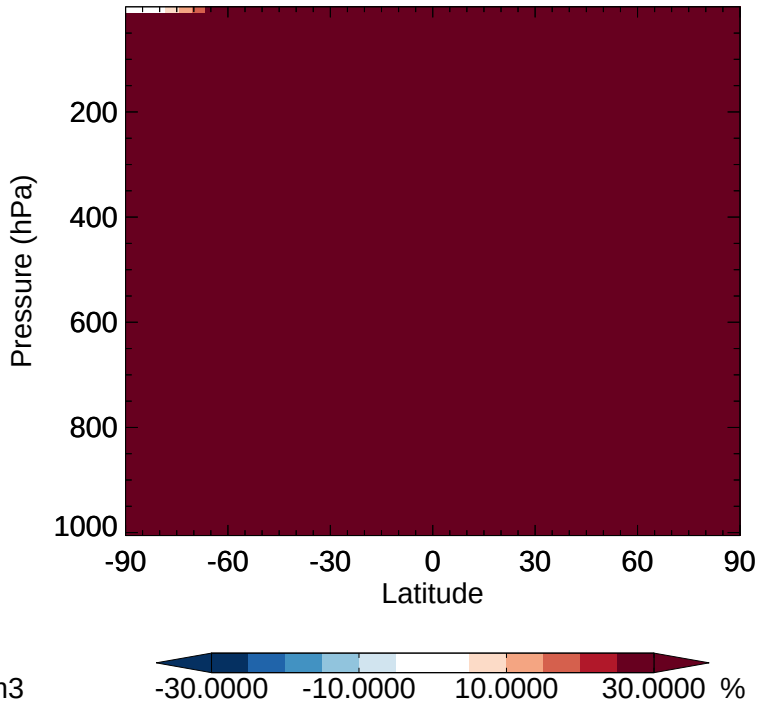
v11-02e-Run0 - v11-02d-Run1

DST1 - Zonal mean abs diff for Apr



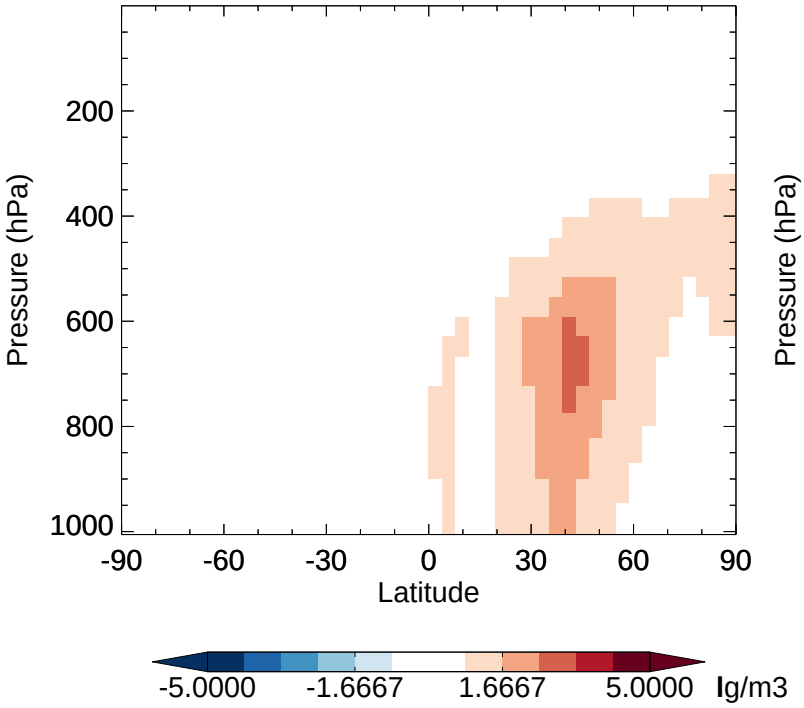
v11-02e-Run0 / v11-02d-Run1

DST1 - Zonal mean % diff for Apr



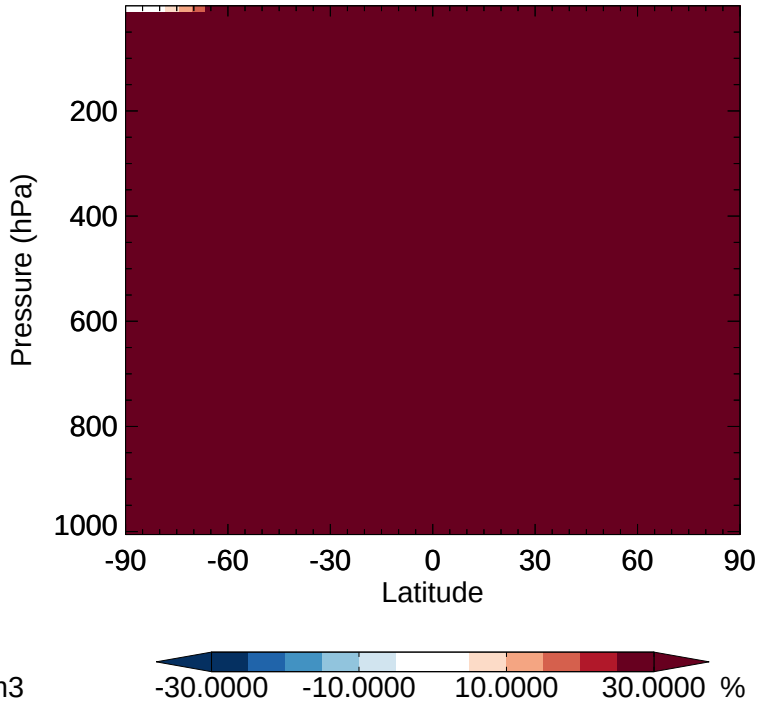
v11-02e-Run0 - v11-02c-Run0

DST1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

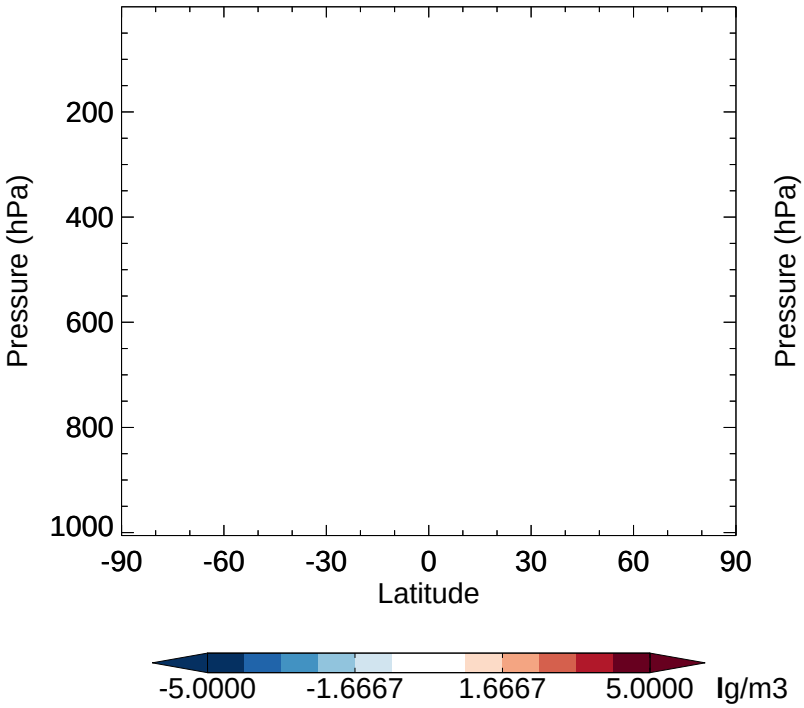
DST1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

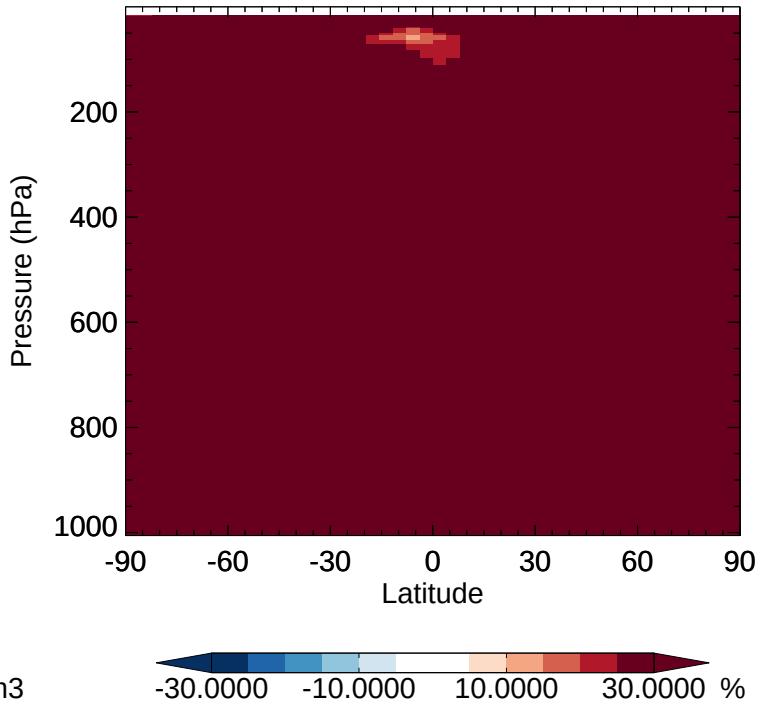
v11-02e-Run0 - v11-02d-Run1

DST2 - Zonal mean abs diff for Apr



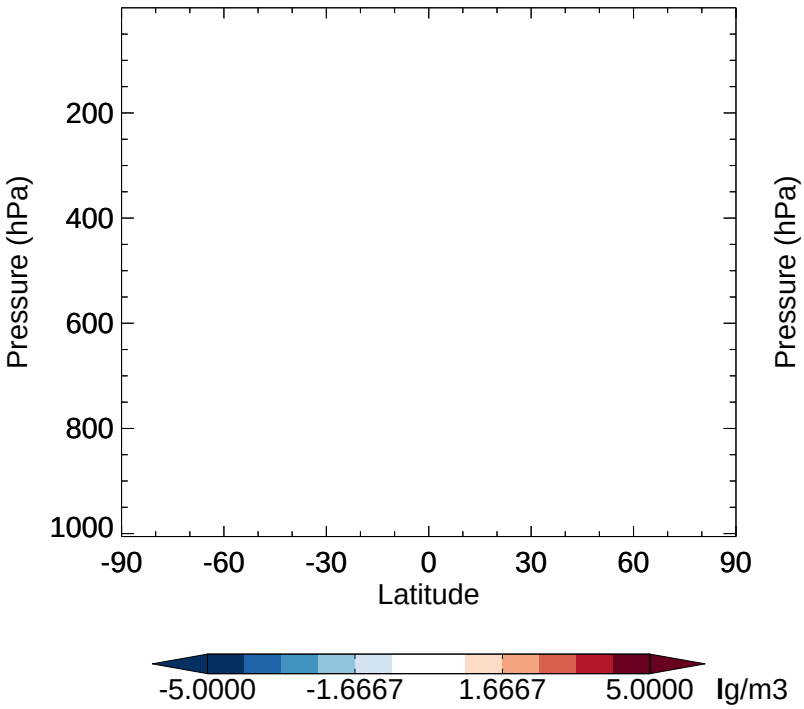
v11-02e-Run0 / v11-02d-Run1

DST2 - Zonal mean % diff for Apr



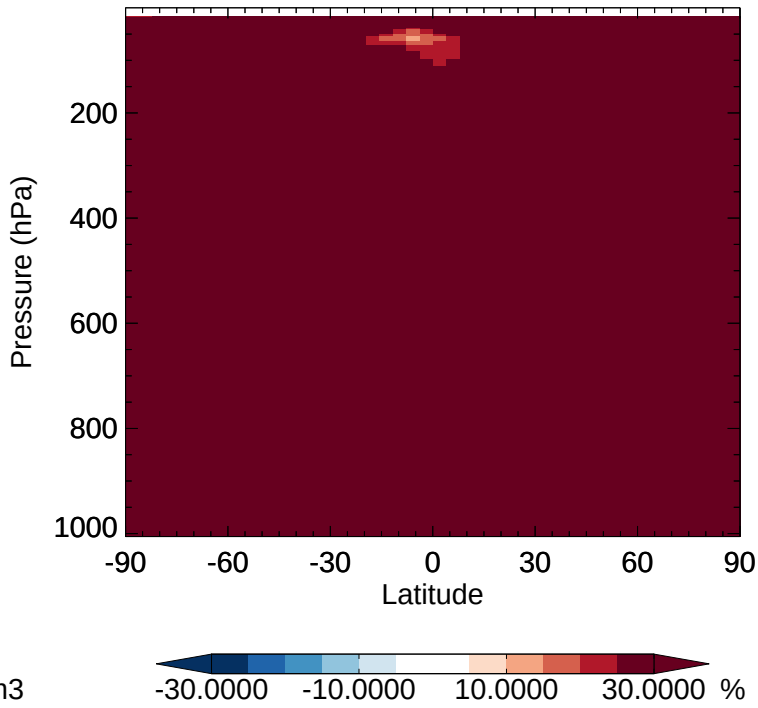
v11-02e-Run0 - v11-02c-Run0

DST2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

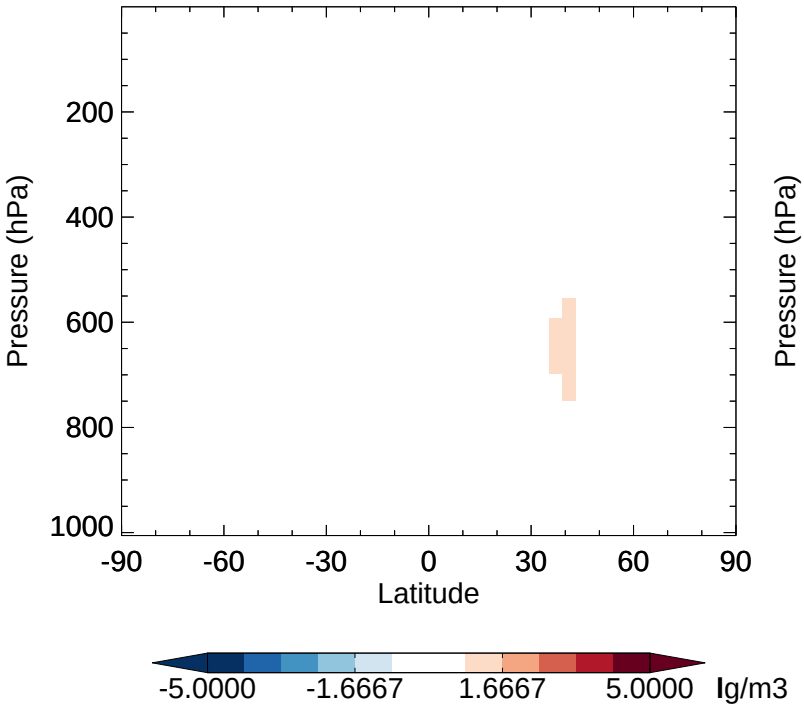
DST2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

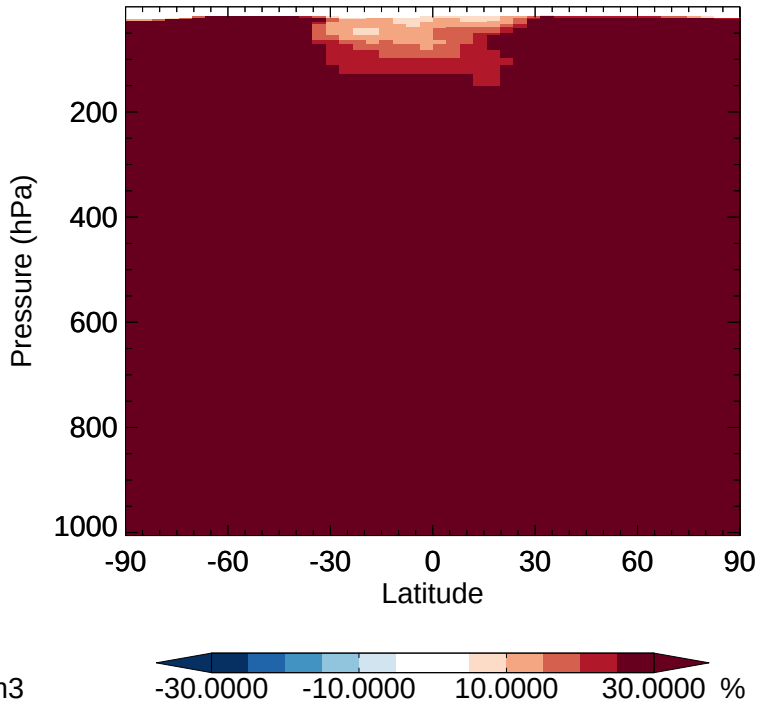
v11-02e-Run0 - v11-02d-Run1

DST3 - Zonal mean abs diff for Apr



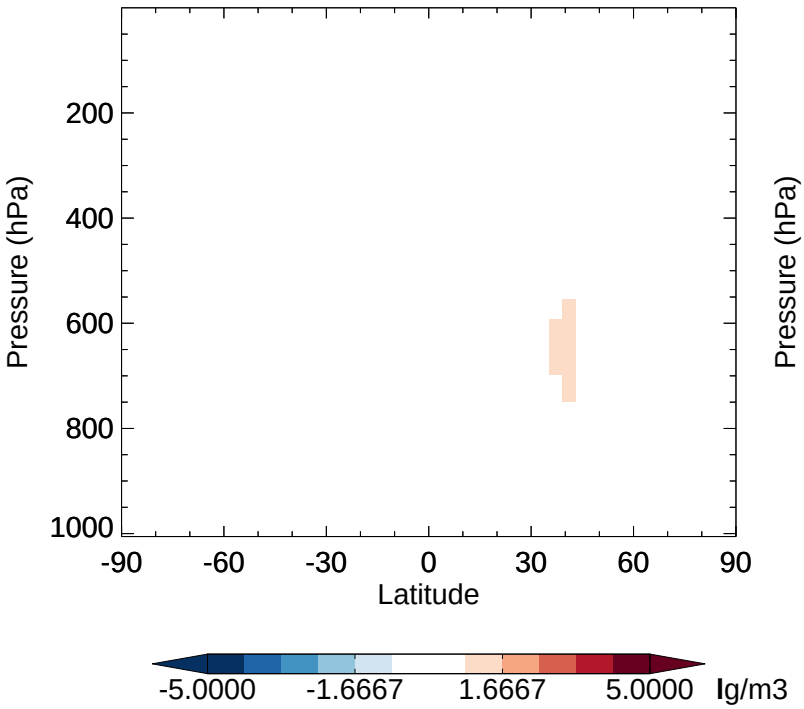
v11-02e-Run0 / v11-02d-Run1

DST3 - Zonal mean % diff for Apr



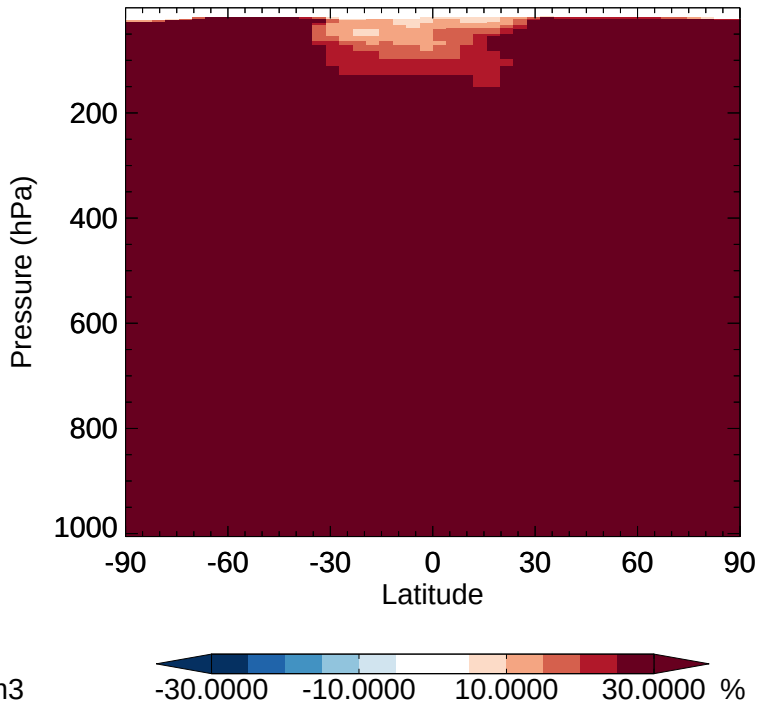
v11-02e-Run0 - v11-02c-Run0

DST3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

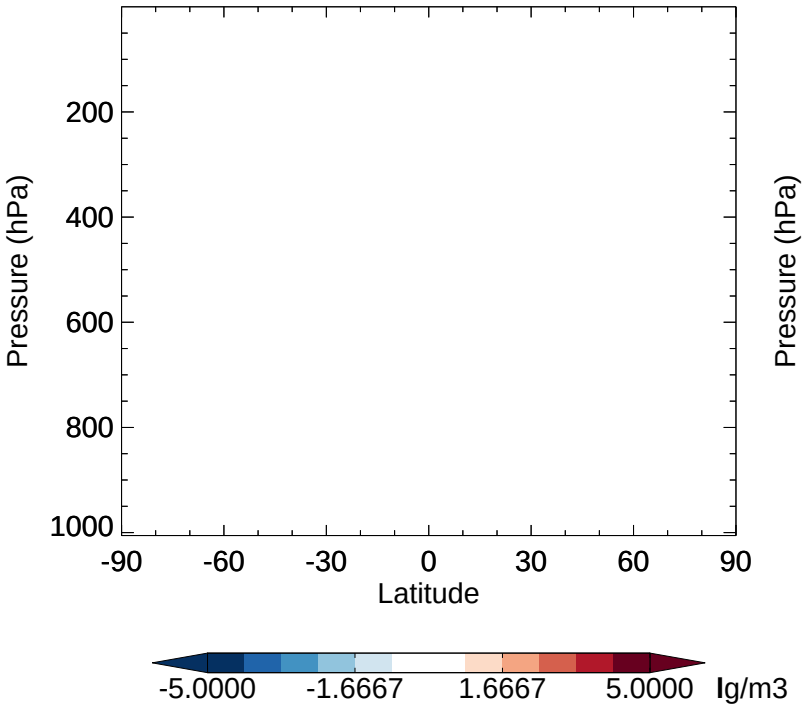
DST3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

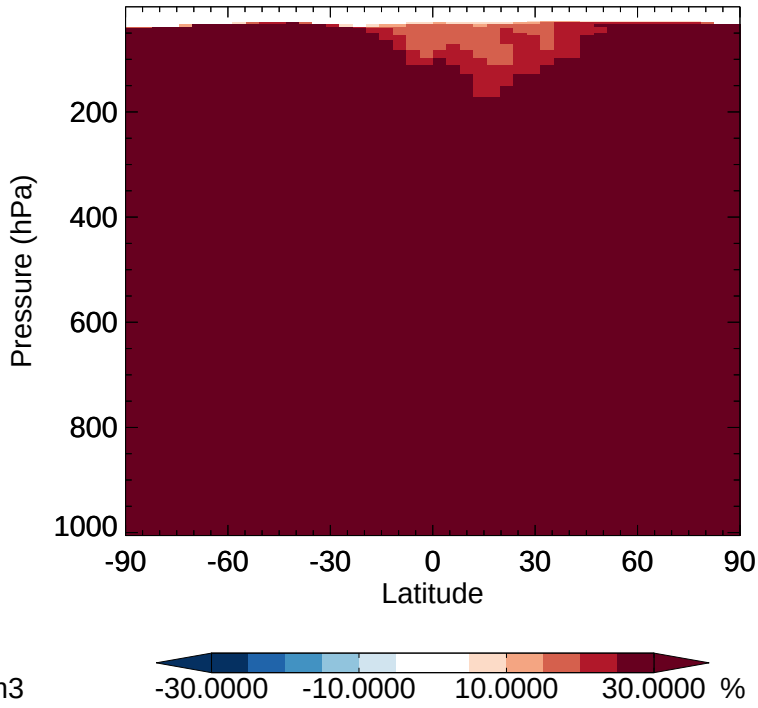
v11-02e-Run0 - v11-02d-Run1

DST4 - Zonal mean abs diff for Apr



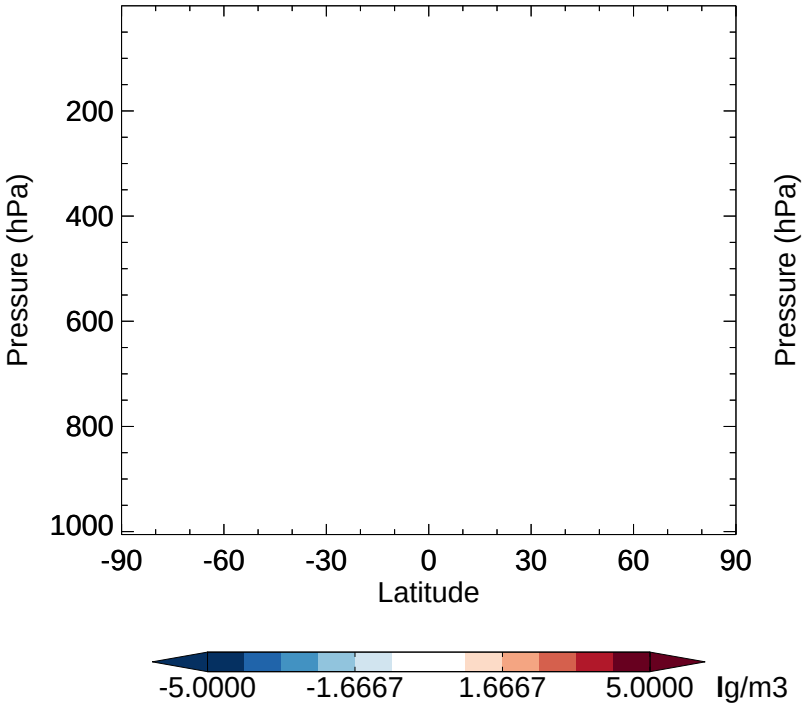
v11-02e-Run0 / v11-02d-Run1

DST4 - Zonal mean % diff for Apr



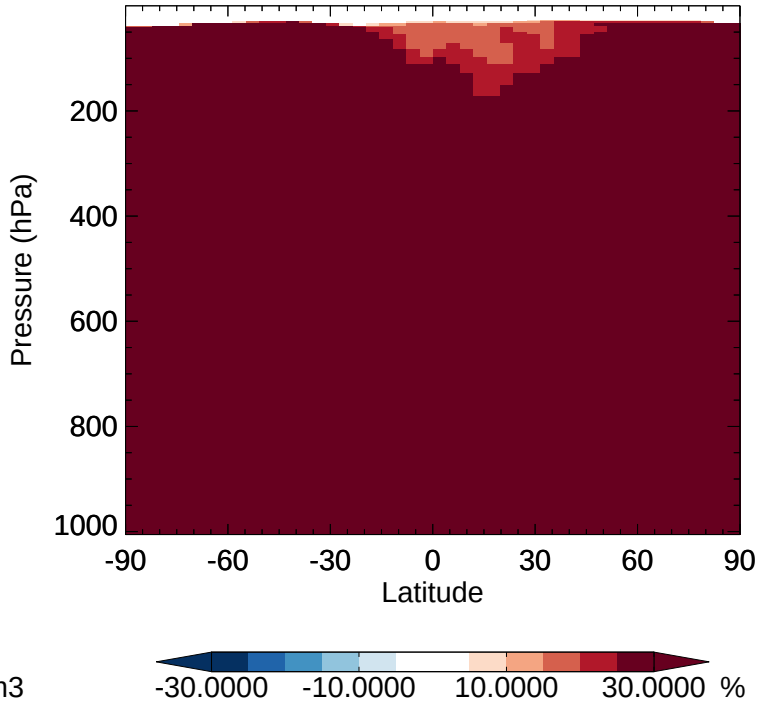
v11-02e-Run0 - v11-02c-Run0

DST4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

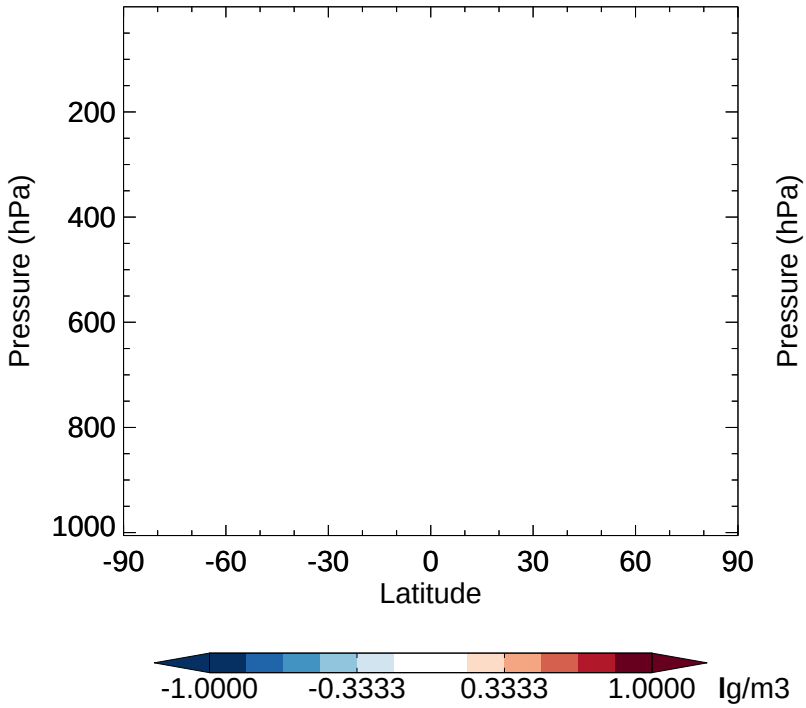
DST4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

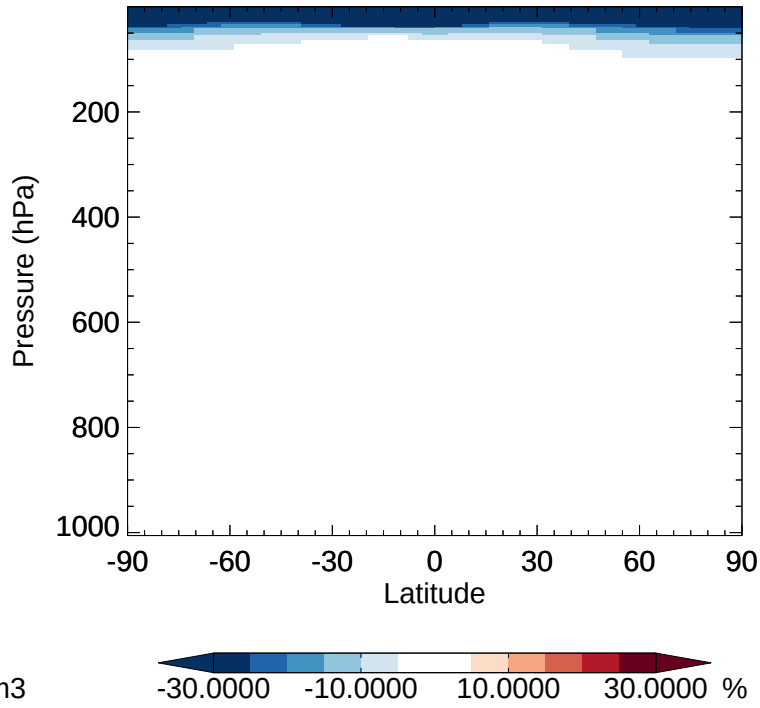
v11-02e-Run0 - v11-02d-Run1

SALA - Zonal mean abs diff for Apr



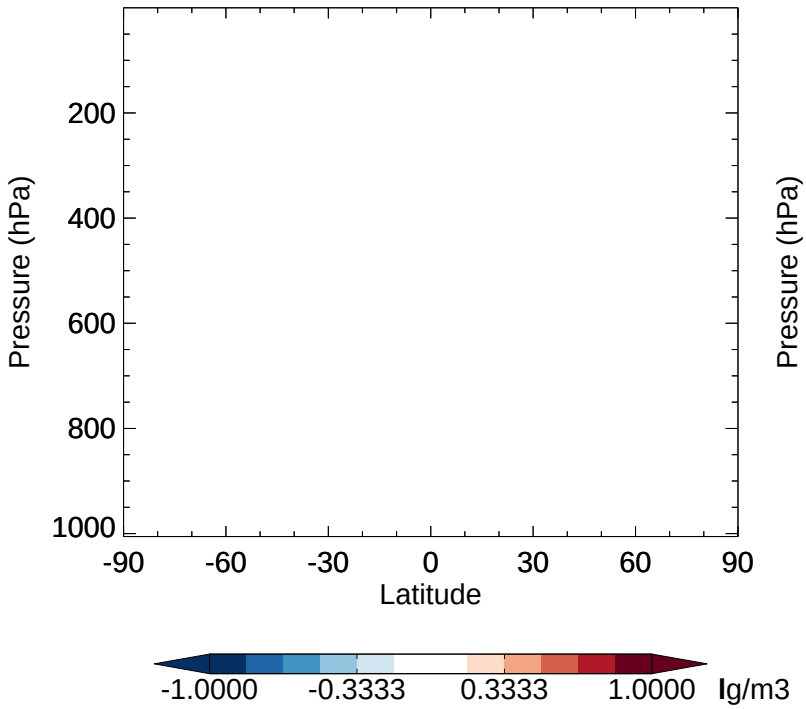
v11-02e-Run0 / v11-02d-Run1

SALA - Zonal mean % diff for Apr



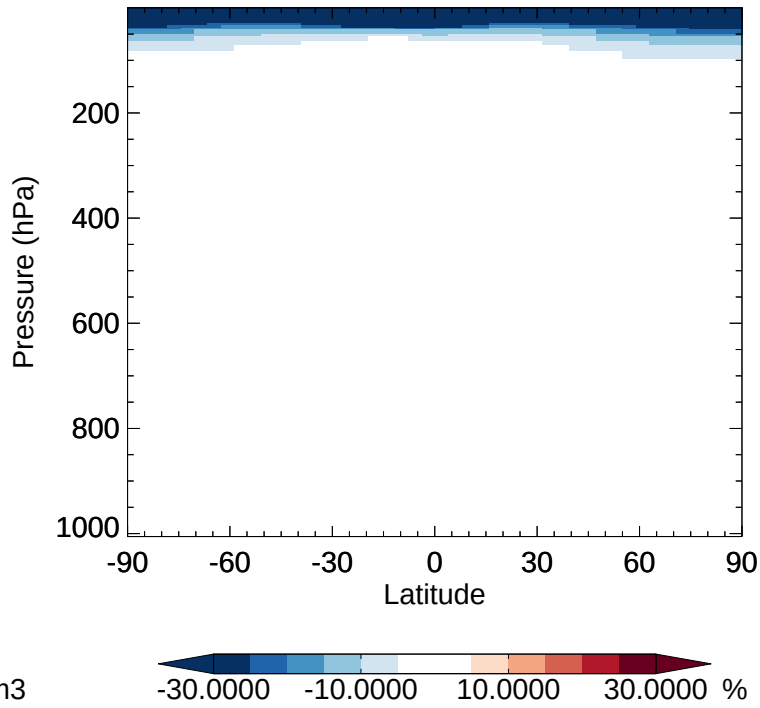
v11-02e-Run0 - v11-02c-Run0

SALA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

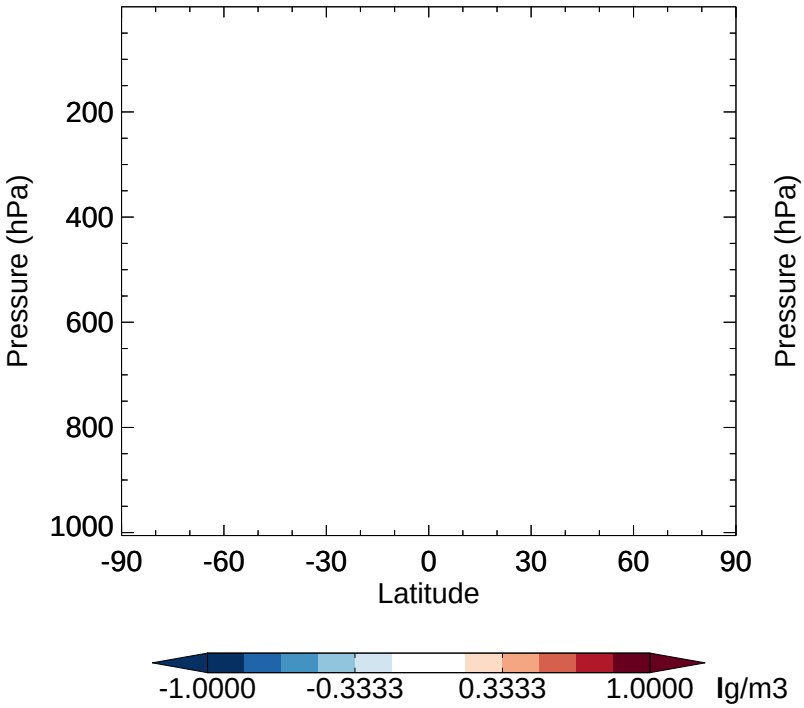
SALA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

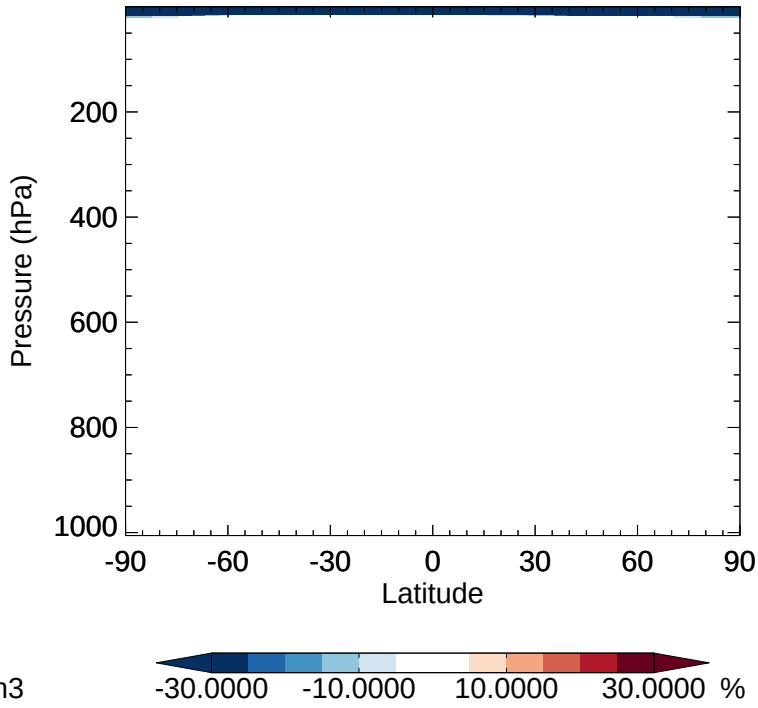
v11-02e-Run0 - v11-02d-Run1

SALC - Zonal mean abs diff for Apr



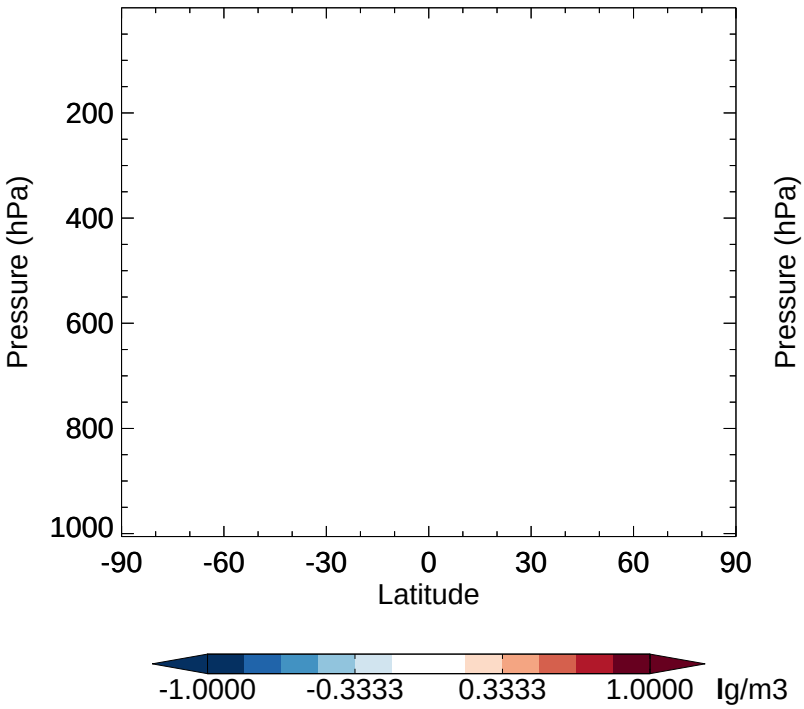
v11-02e-Run0 / v11-02d-Run1

SALC - Zonal mean % diff for Apr



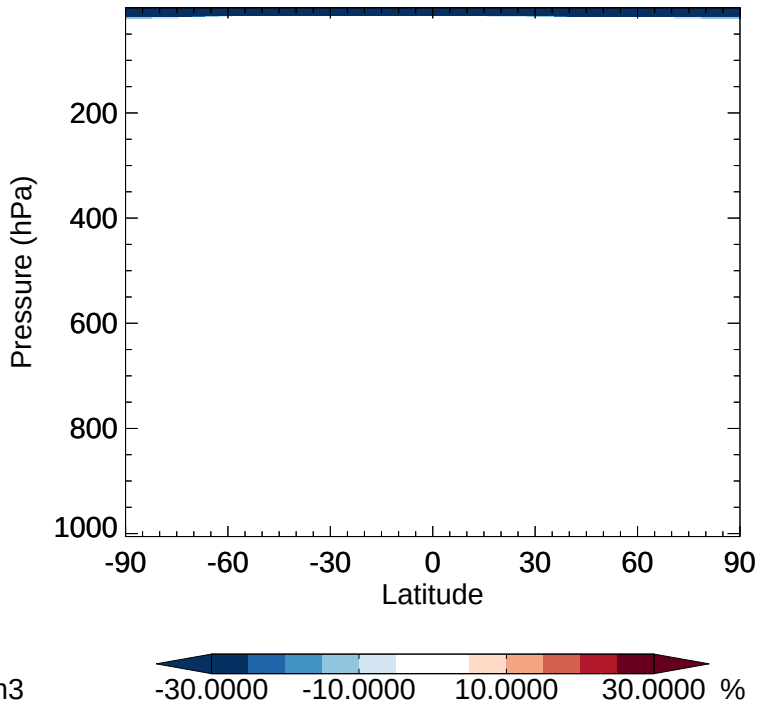
v11-02e-Run0 - v11-02c-Run0

SALC - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

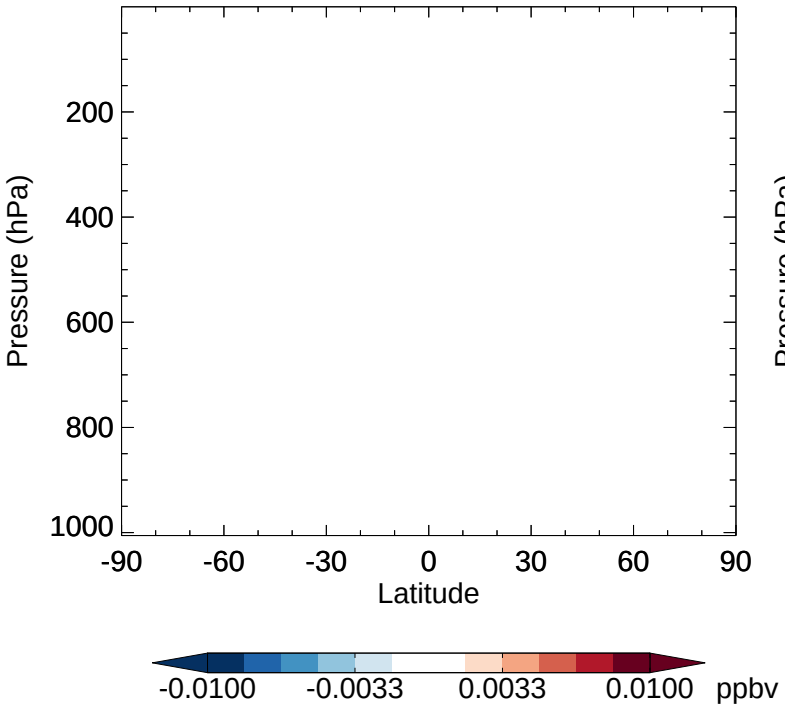
SALC - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

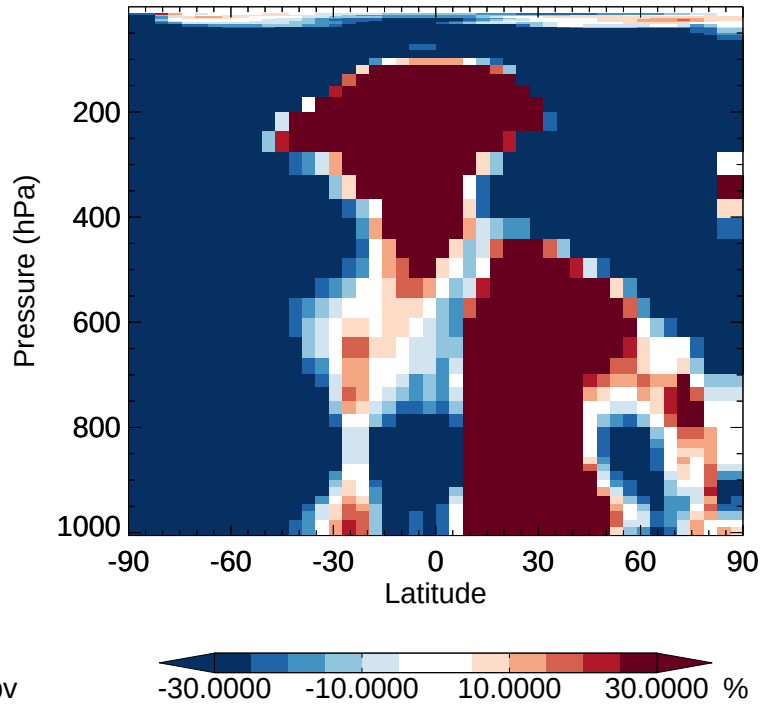
v11-02e-Run0 - v11-02d-Run1

Br2 - Zonal mean abs diff for Apr



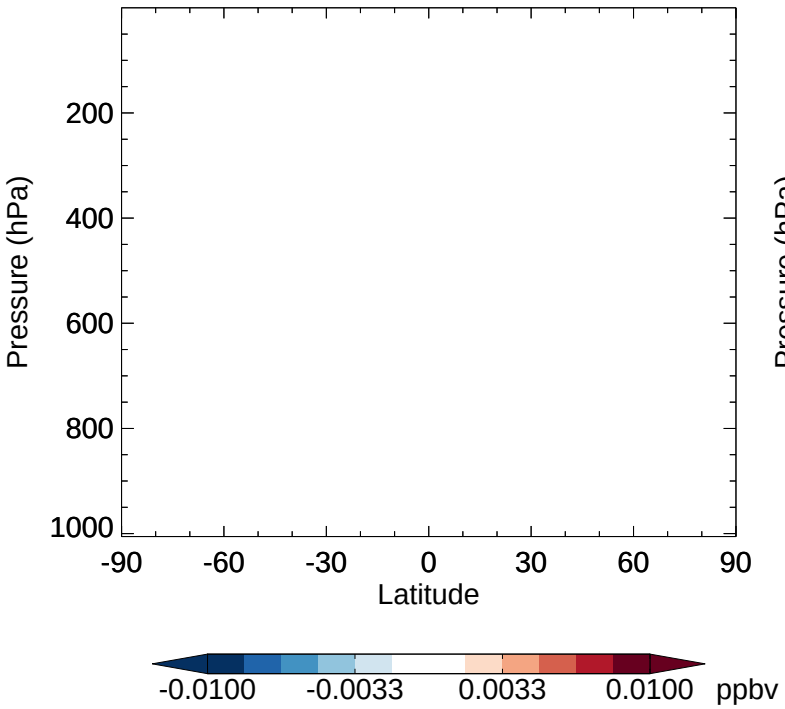
v11-02e-Run0 / v11-02d-Run1

Br2 - Zonal mean % diff for Apr



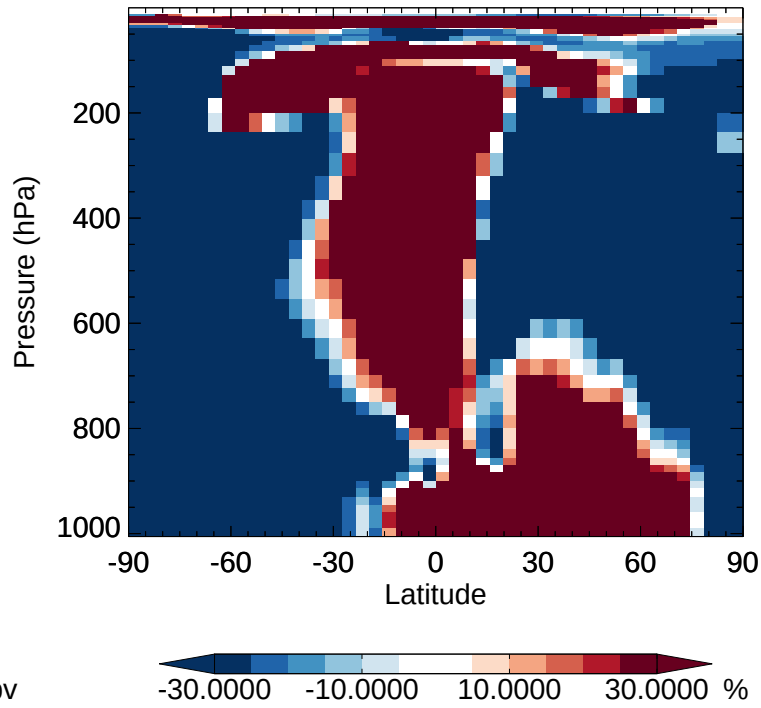
v11-02e-Run0 - v11-02c-Run0

Br2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

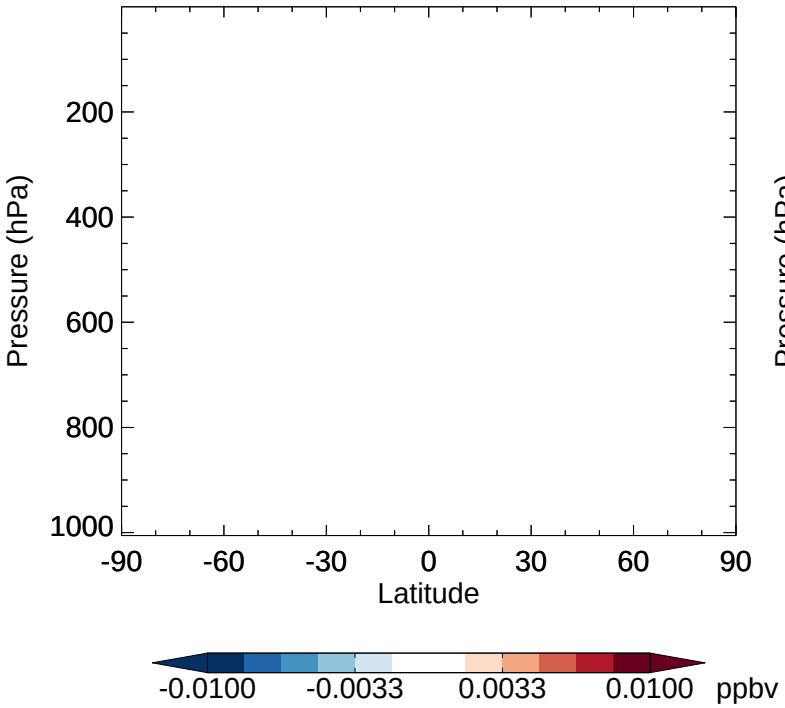
Br2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

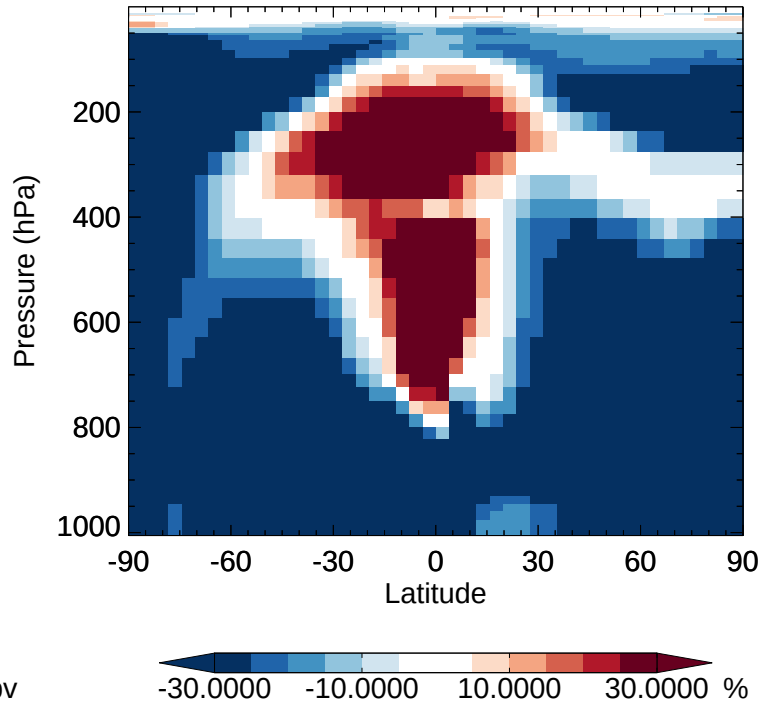
v11-02e-Run0 - v11-02d-Run1

Br - Zonal mean abs diff for Apr



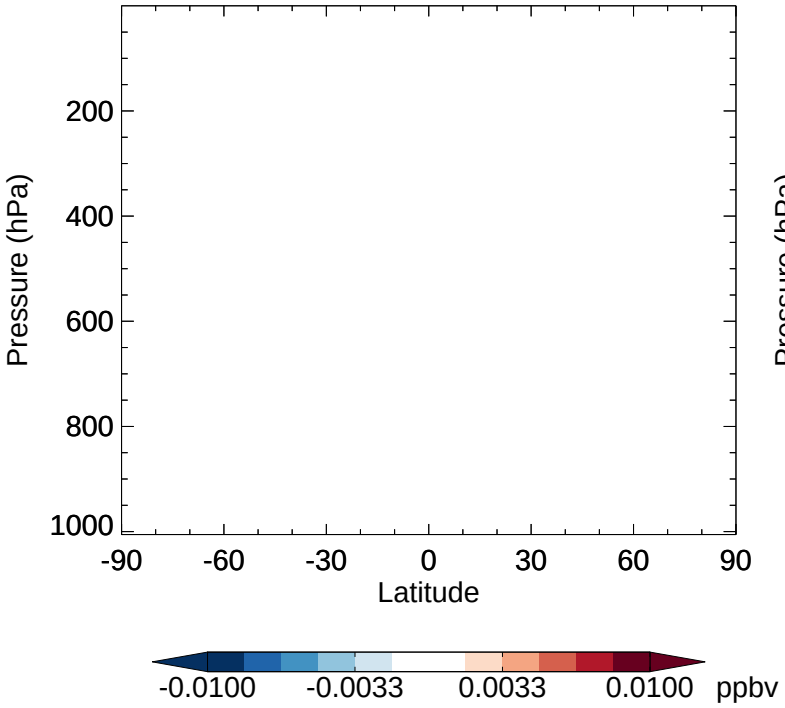
v11-02e-Run0 / v11-02d-Run1

Br - Zonal mean % diff for Apr



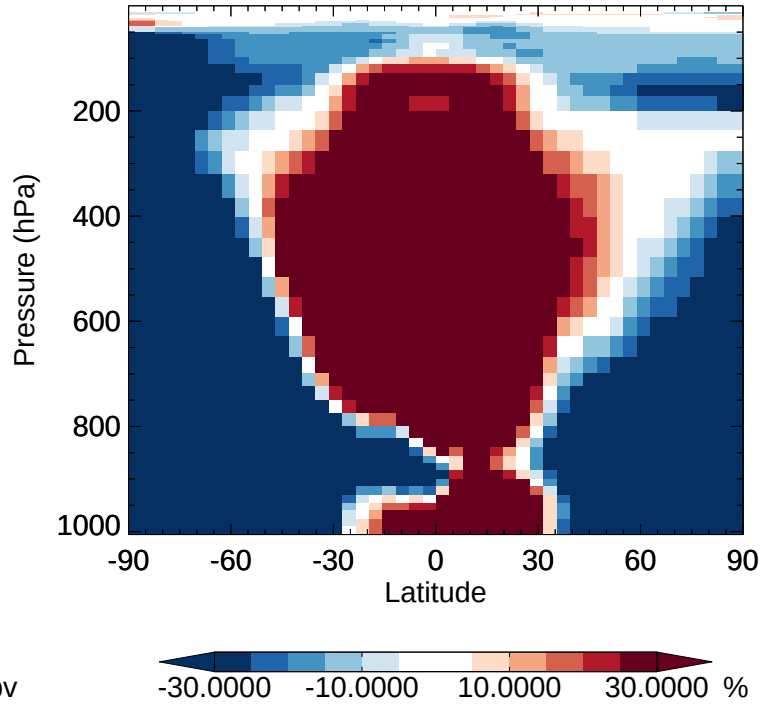
v11-02e-Run0 - v11-02c-Run0

Br - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

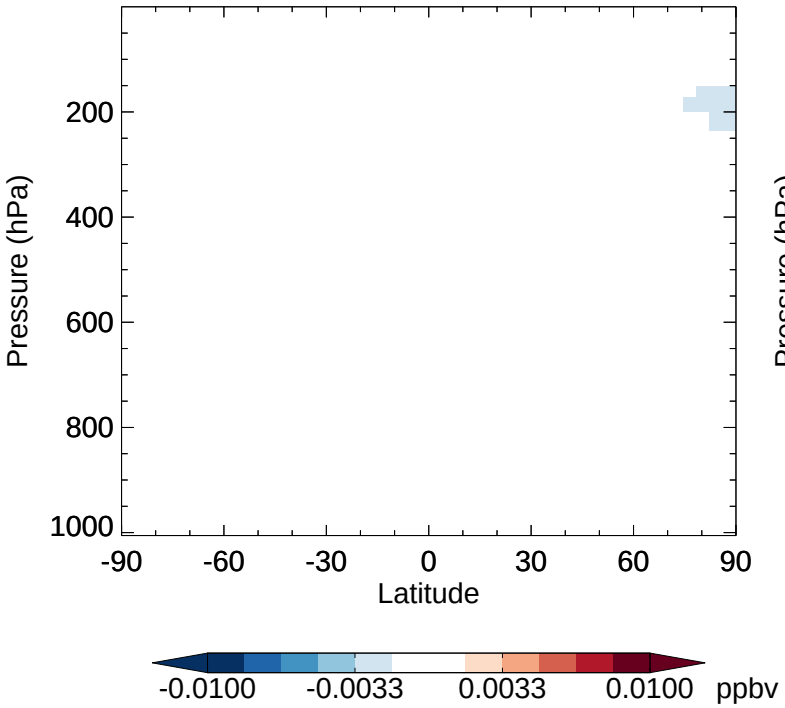
Br - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

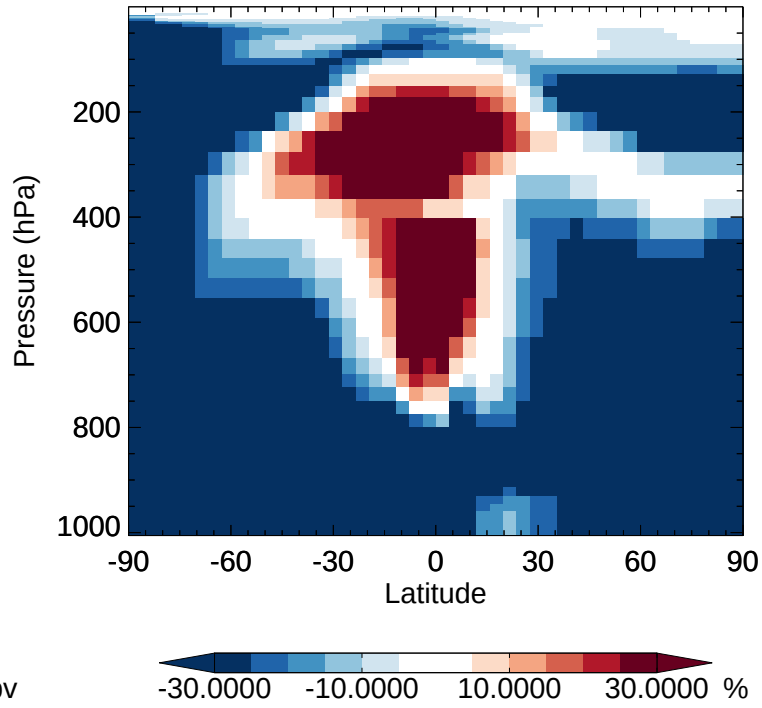
v11-02e-Run0 - v11-02d-Run1

BrO - Zonal mean abs diff for Apr



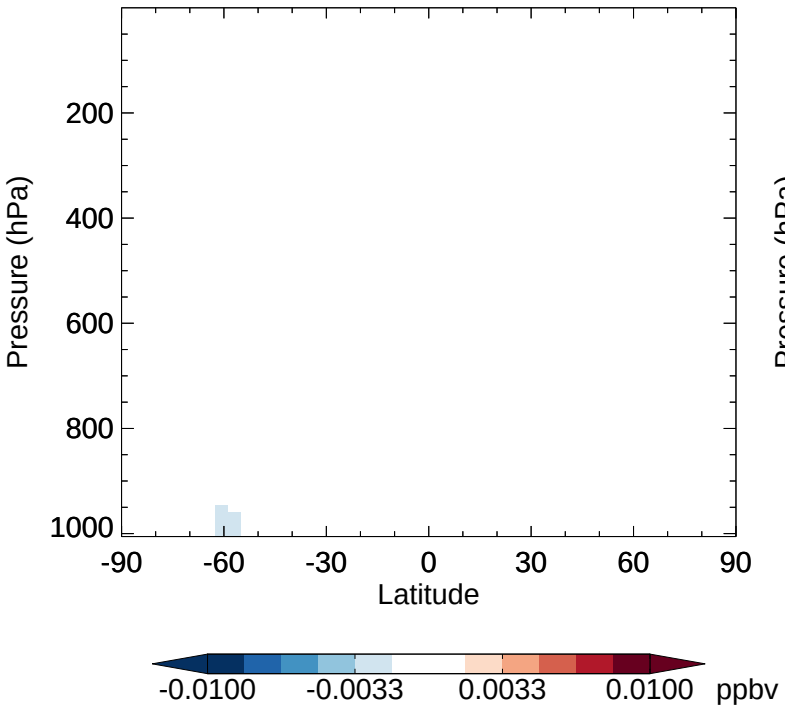
v11-02e-Run0 / v11-02d-Run1

BrO - Zonal mean % diff for Apr



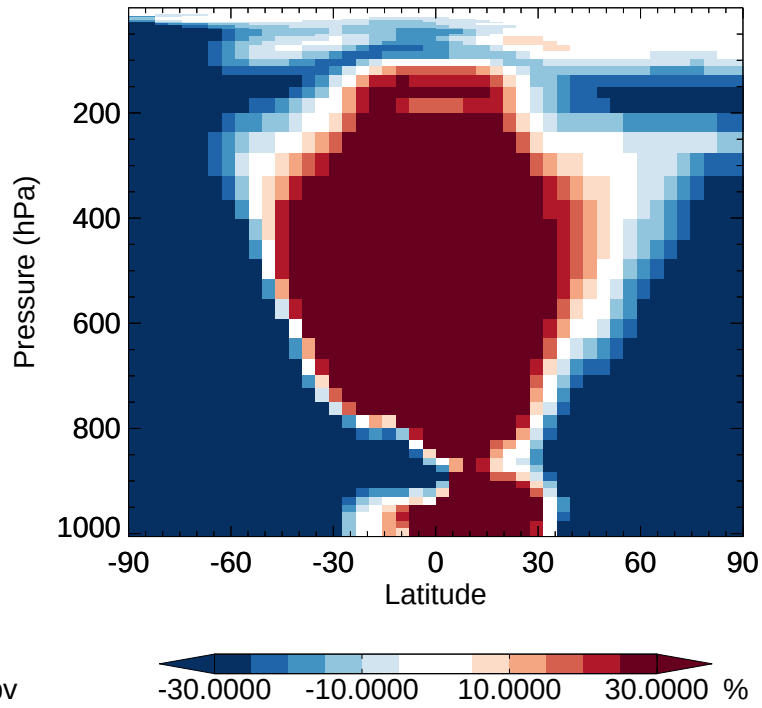
v11-02e-Run0 - v11-02c-Run0

BrO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

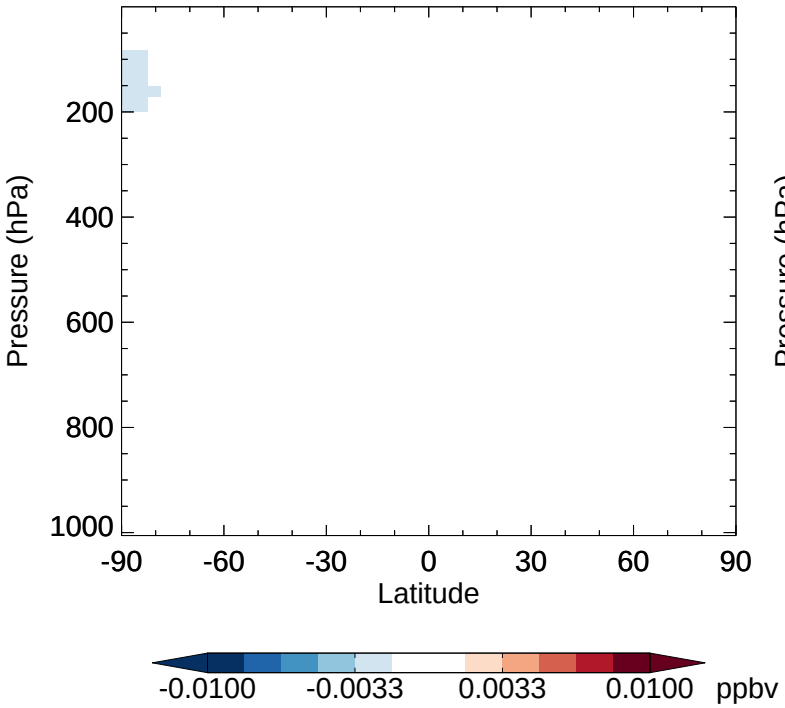
BrO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

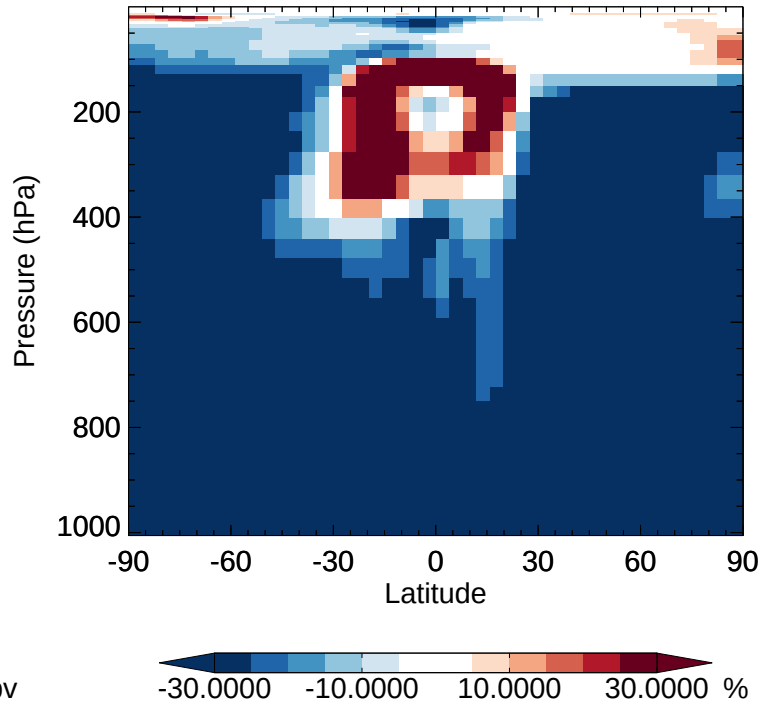
v11-02e-Run0 - v11-02d-Run1

HOBr - Zonal mean abs diff for Apr



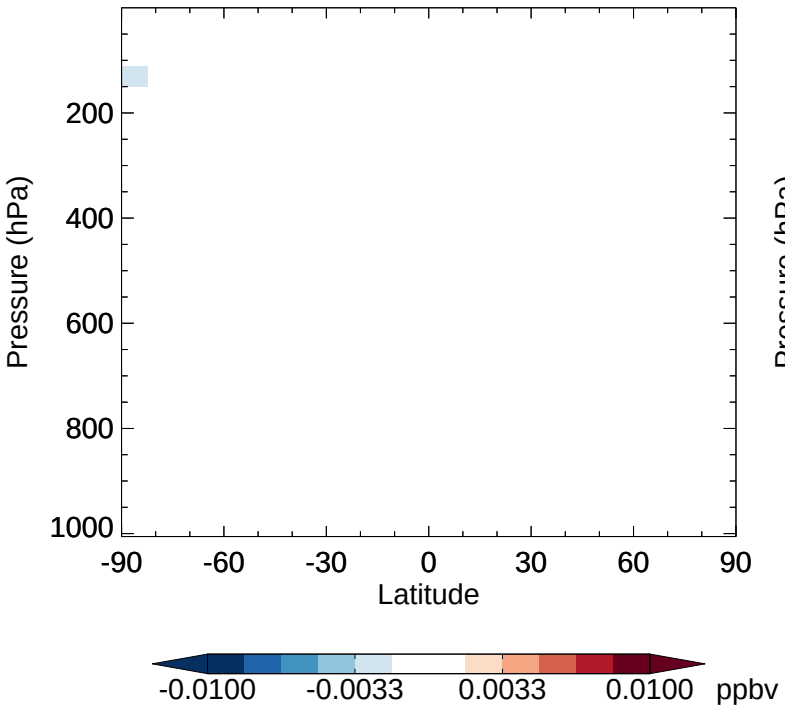
v11-02e-Run0 / v11-02d-Run1

HOBr - Zonal mean % diff for Apr



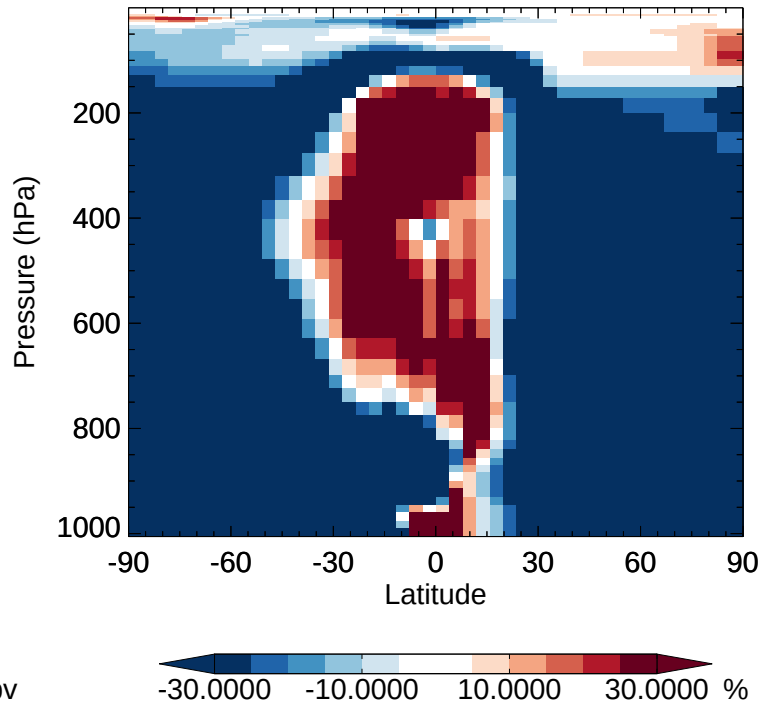
v11-02e-Run0 - v11-02c-Run0

HOBr - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

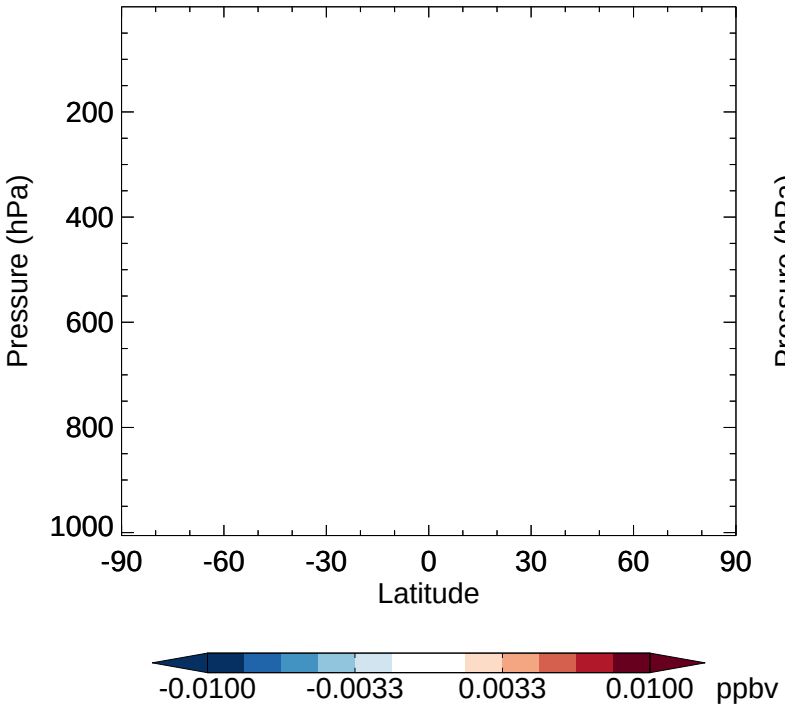
HOBr - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

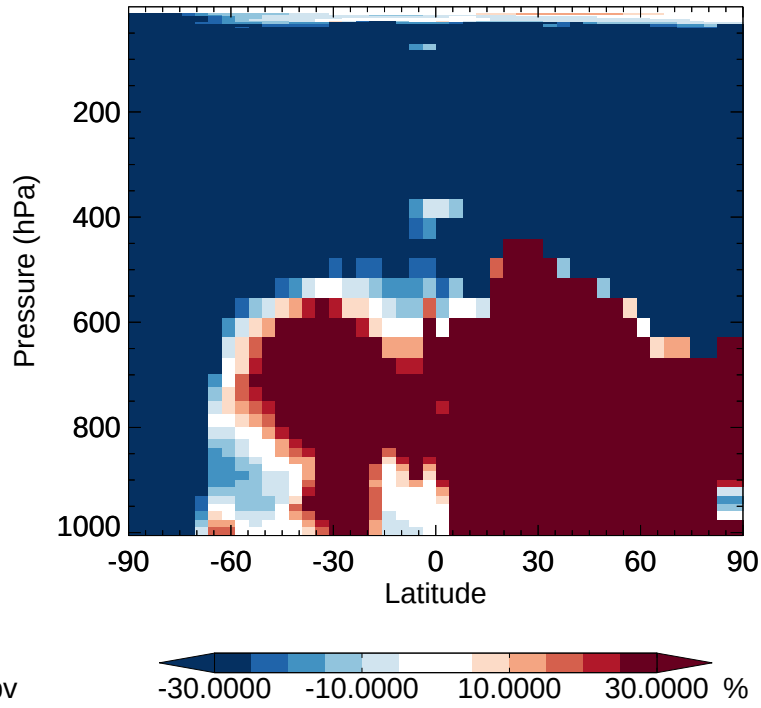
v11-02e-Run0 - v11-02d-Run1

HBr - Zonal mean abs diff for Apr



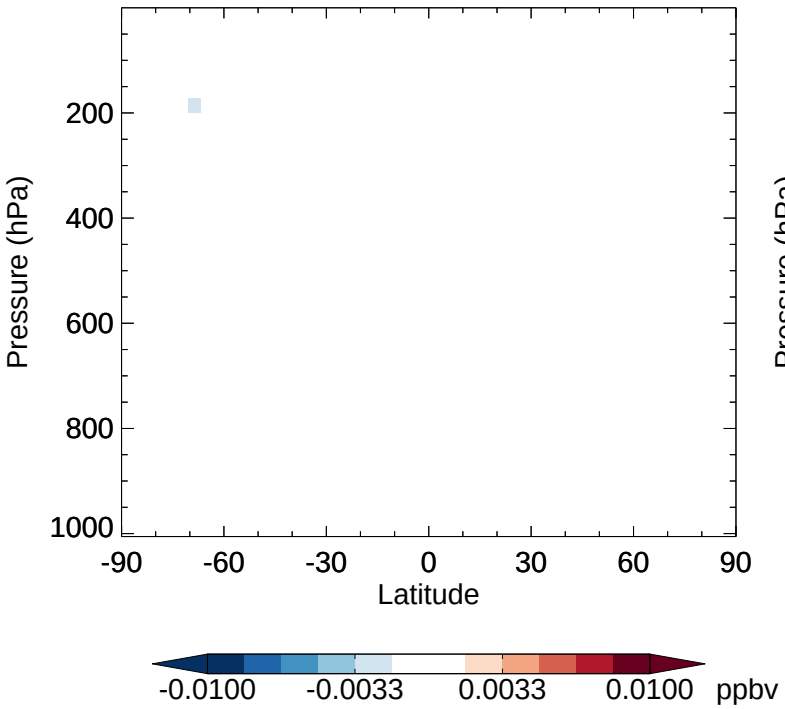
v11-02e-Run0 / v11-02d-Run1

HBr - Zonal mean % diff for Apr



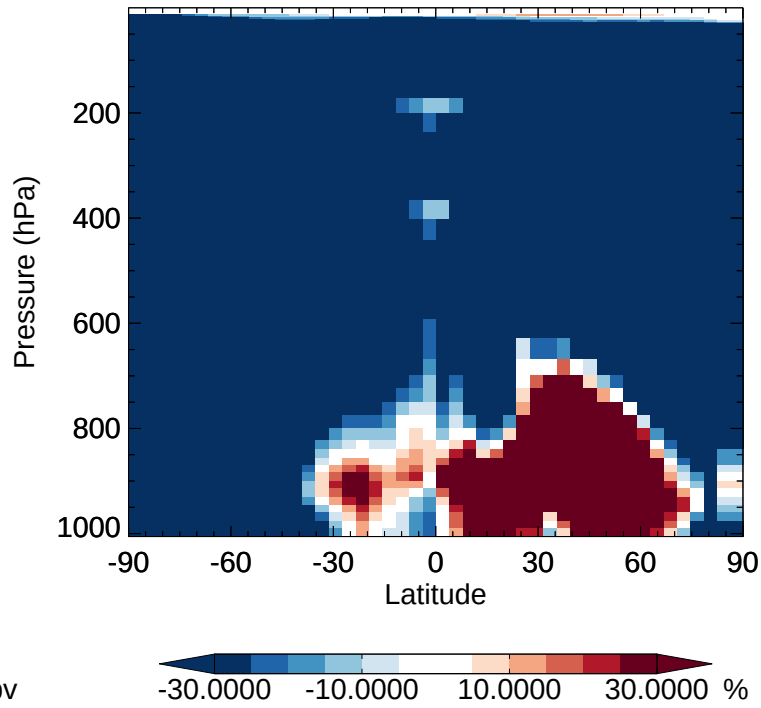
v11-02e-Run0 - v11-02c-Run0

HBr - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

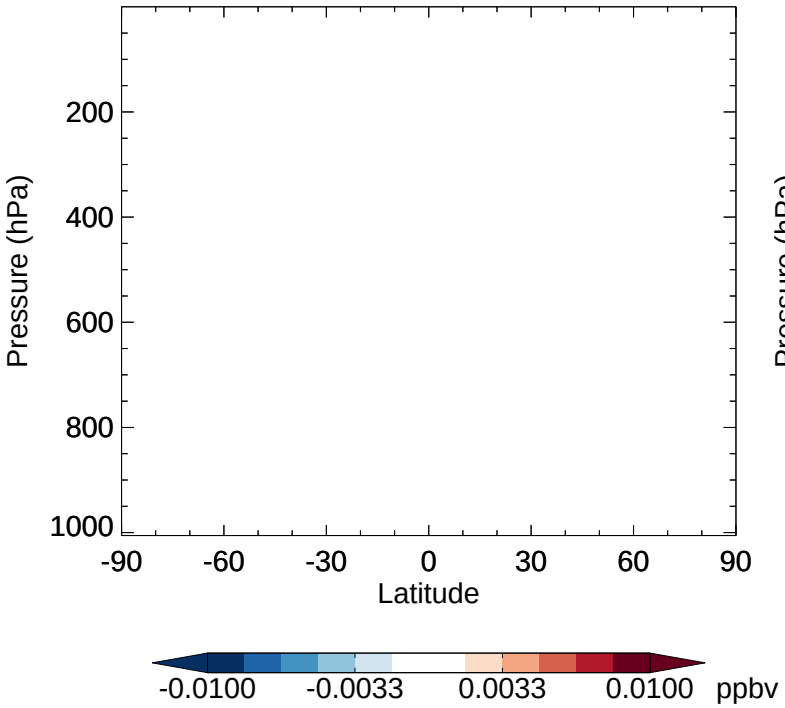
HBr - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

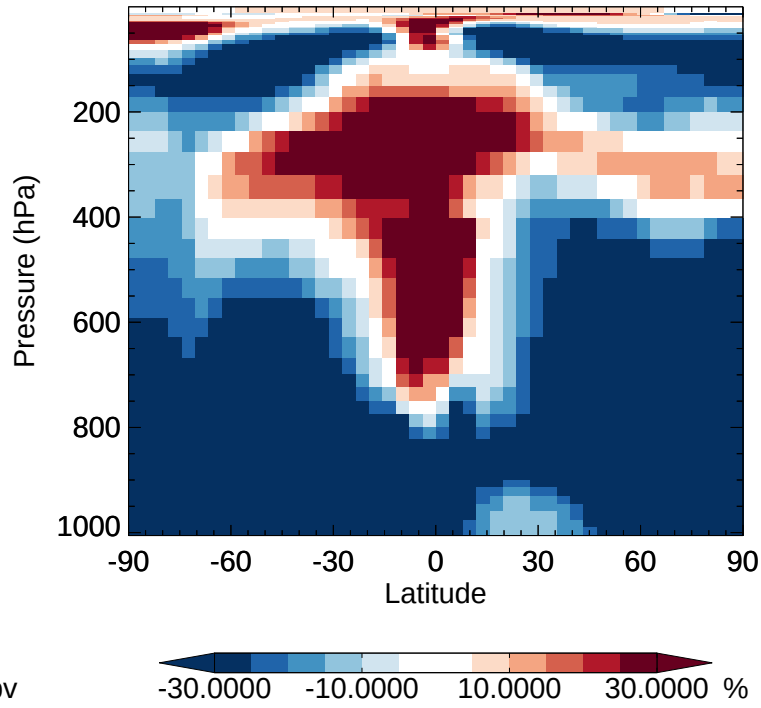
v11-02e-Run0 - v11-02d-Run1

BrNO2 - Zonal mean abs diff for Apr



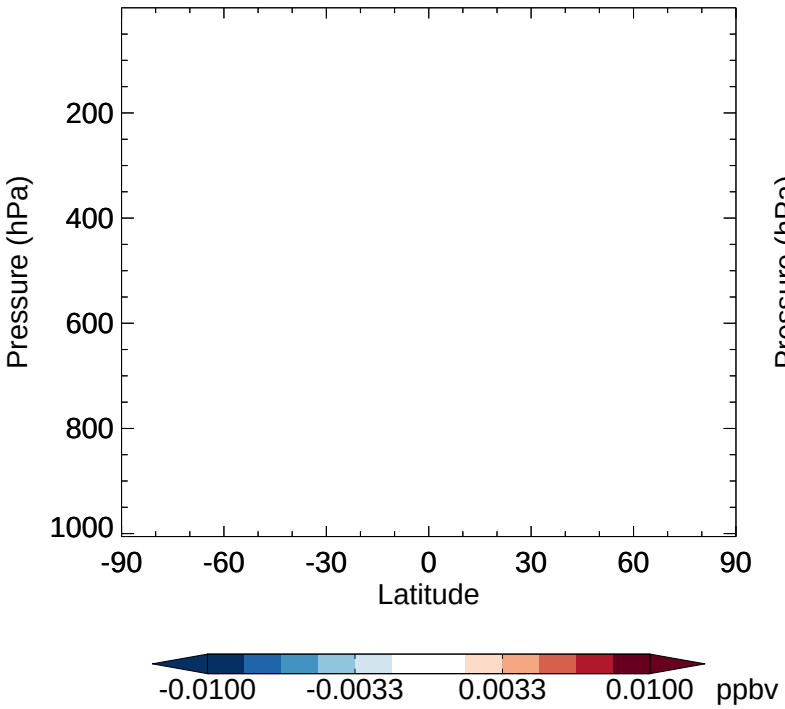
v11-02e-Run0 / v11-02d-Run1

BrNO2 - Zonal mean % diff for Apr



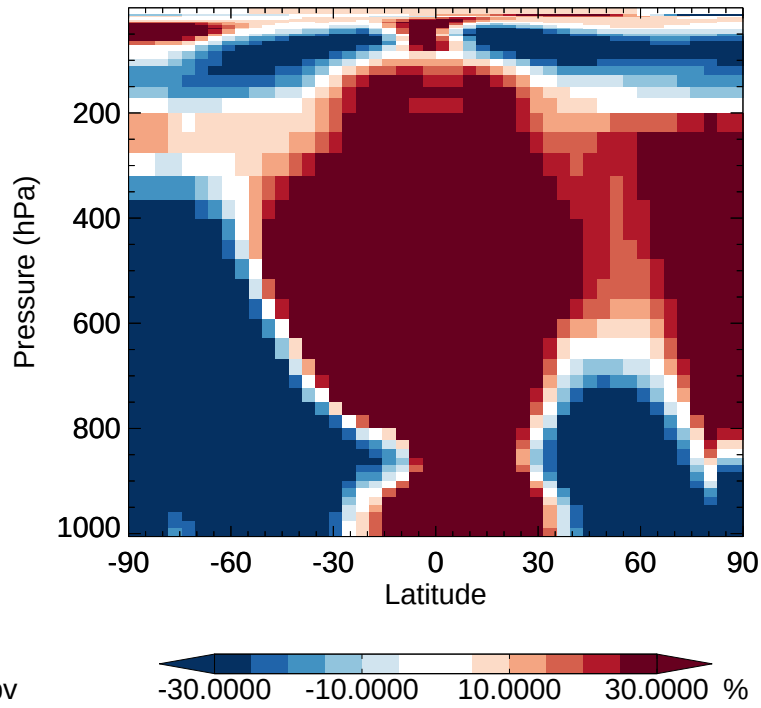
v11-02e-Run0 - v11-02c-Run0

BrNO2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

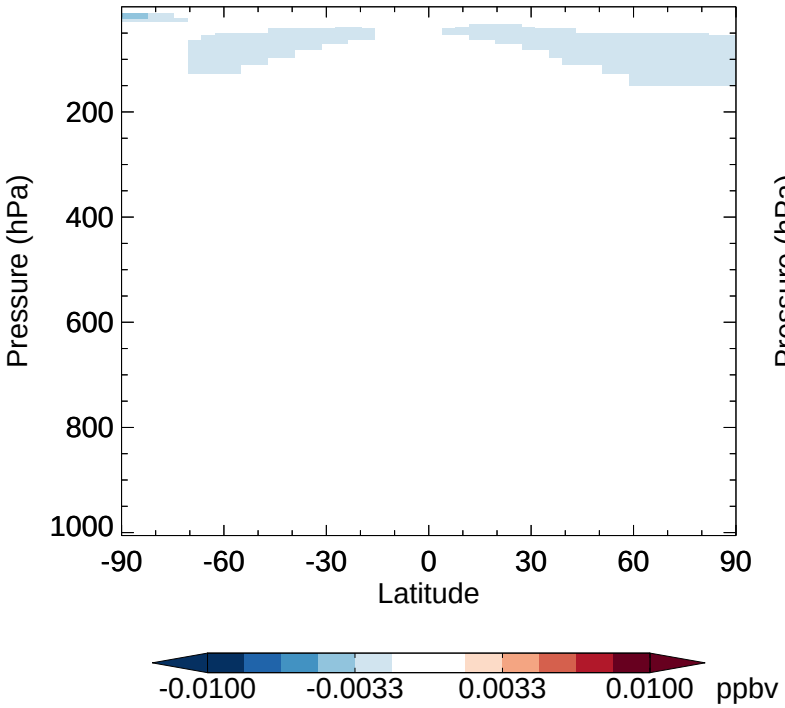
BrNO2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

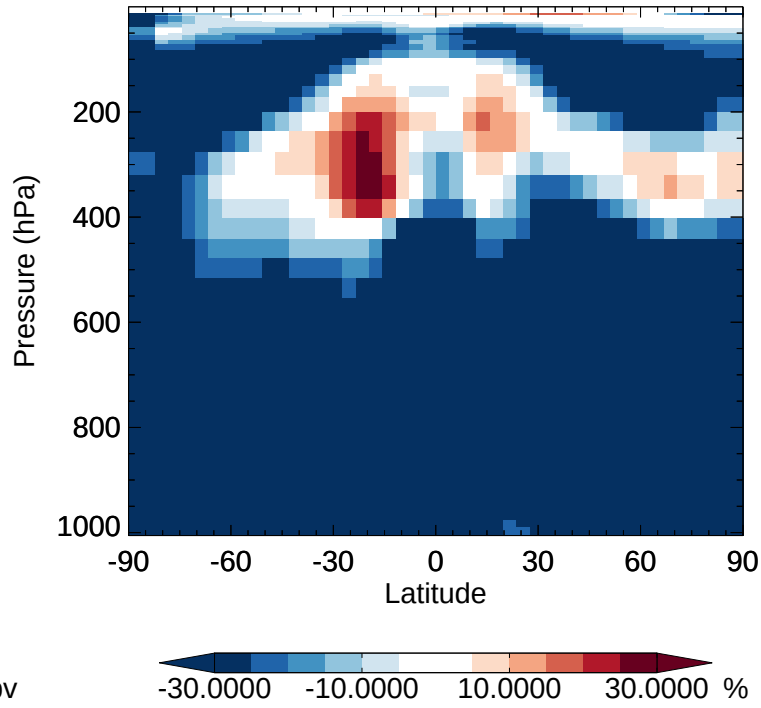
v11-02e-Run0 - v11-02d-Run1

BrNO3 - Zonal mean abs diff for Apr



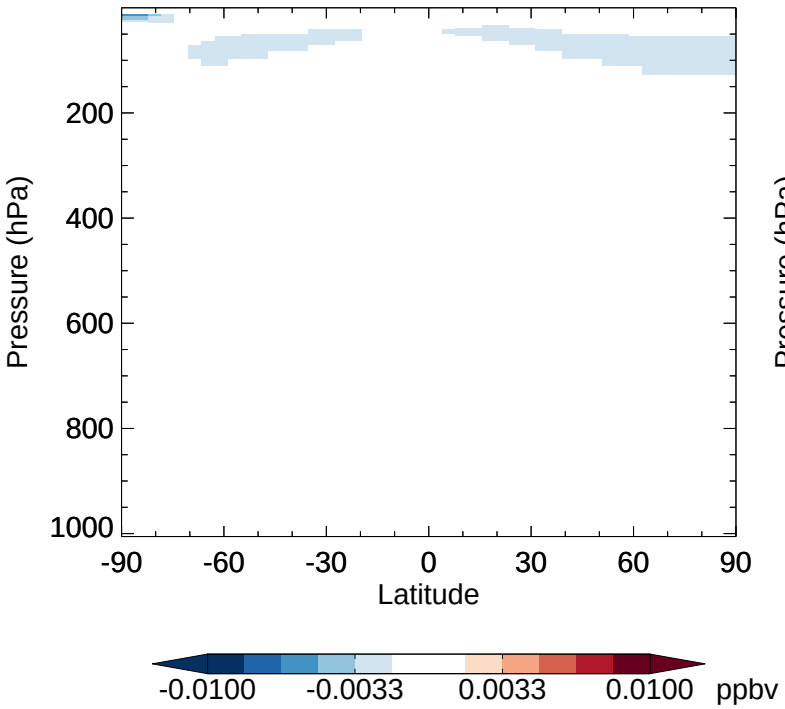
v11-02e-Run0 / v11-02d-Run1

BrNO3 - Zonal mean % diff for Apr



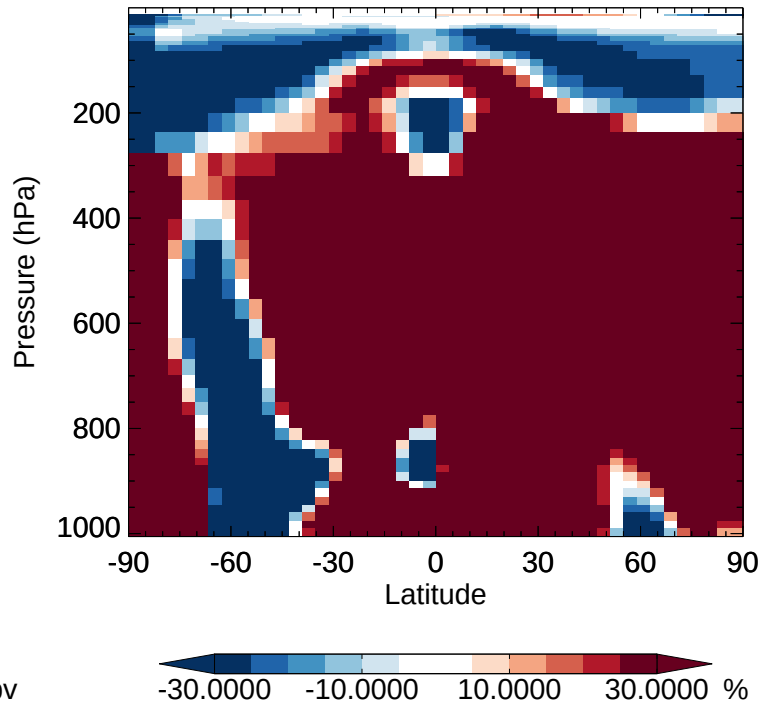
v11-02e-Run0 - v11-02c-Run0

BrNO3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

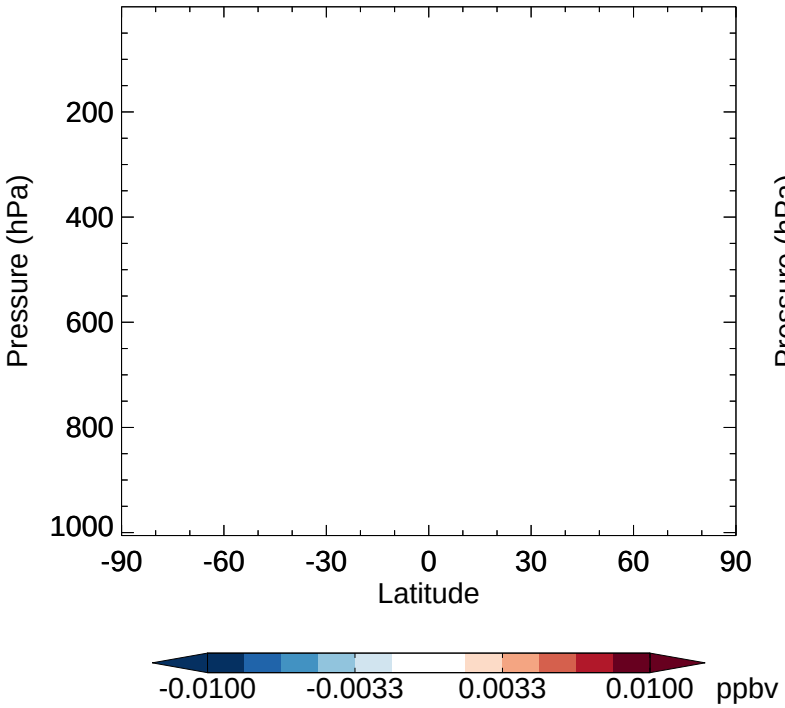
BrNO3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

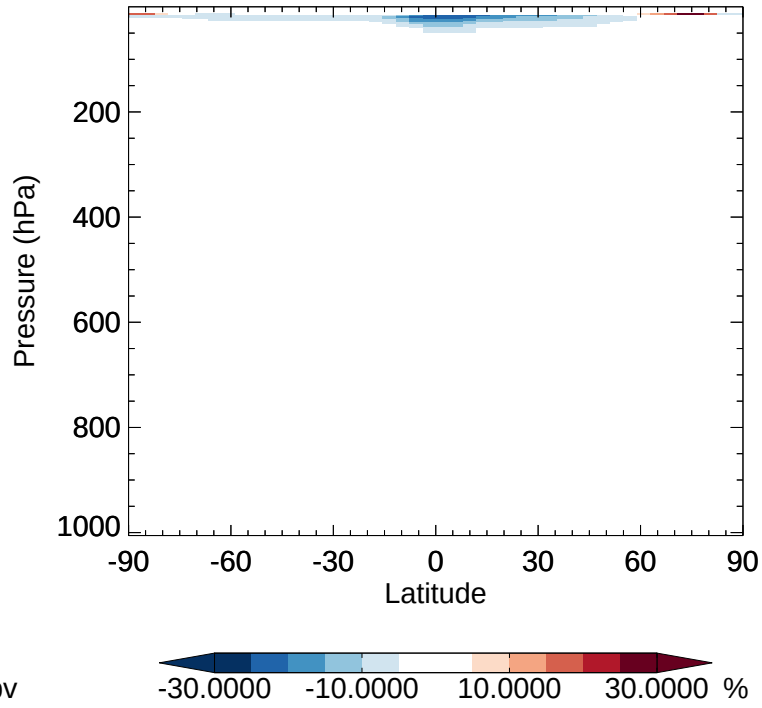
v11-02e-Run0 - v11-02d-Run1

CHBr3 - Zonal mean abs diff for Apr



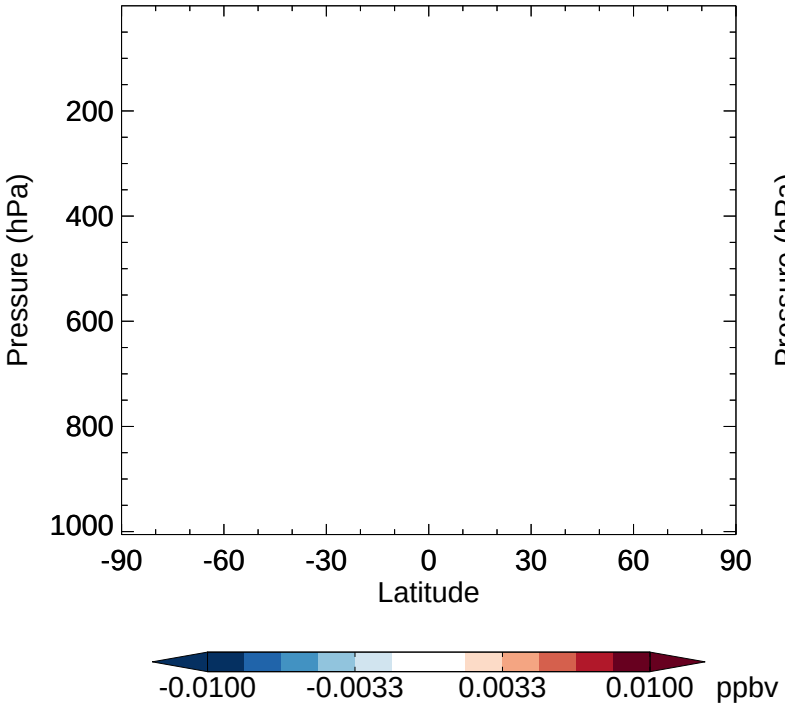
v11-02e-Run0 / v11-02d-Run1

CHBr3 - Zonal mean % diff for Apr



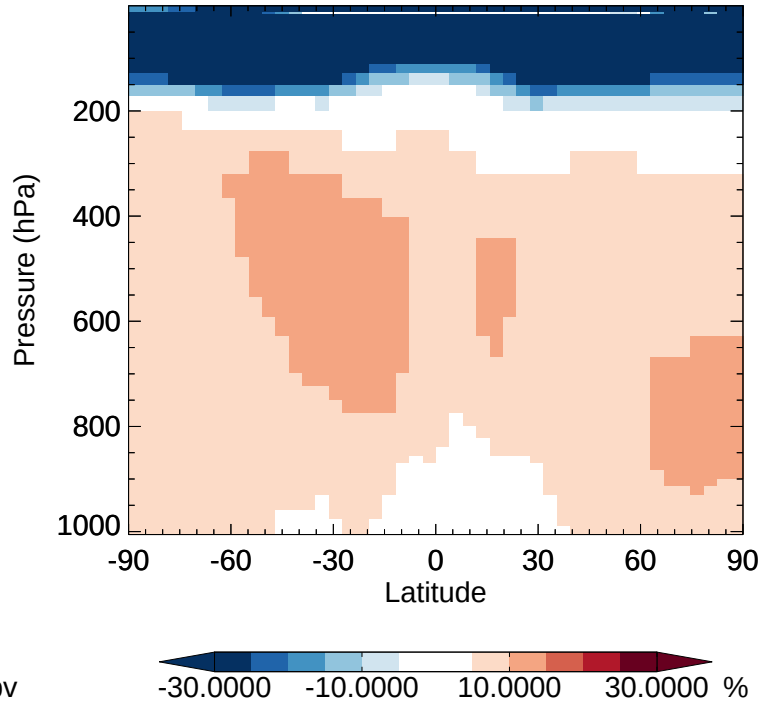
v11-02e-Run0 - v11-02c-Run0

CHBr3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

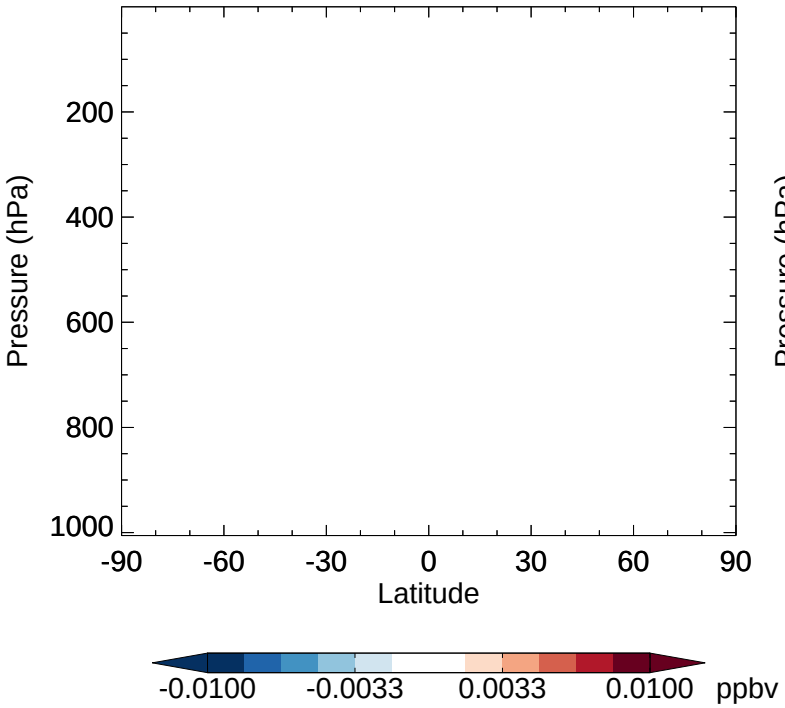
CHBr3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

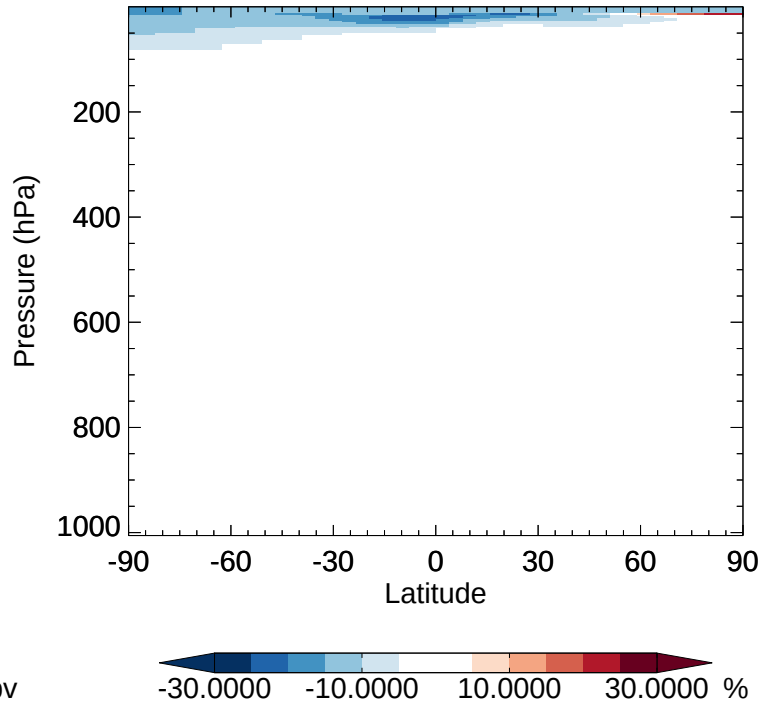
v11-02e-Run0 - v11-02d-Run1

CH2Br2 - Zonal mean abs diff for Apr



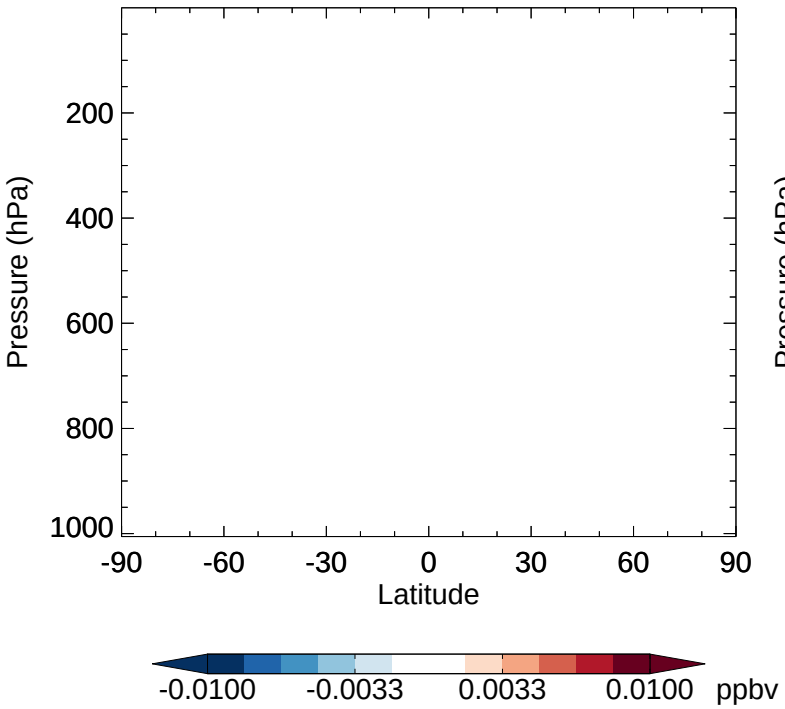
v11-02e-Run0 / v11-02d-Run1

CH2Br2 - Zonal mean % diff for Apr



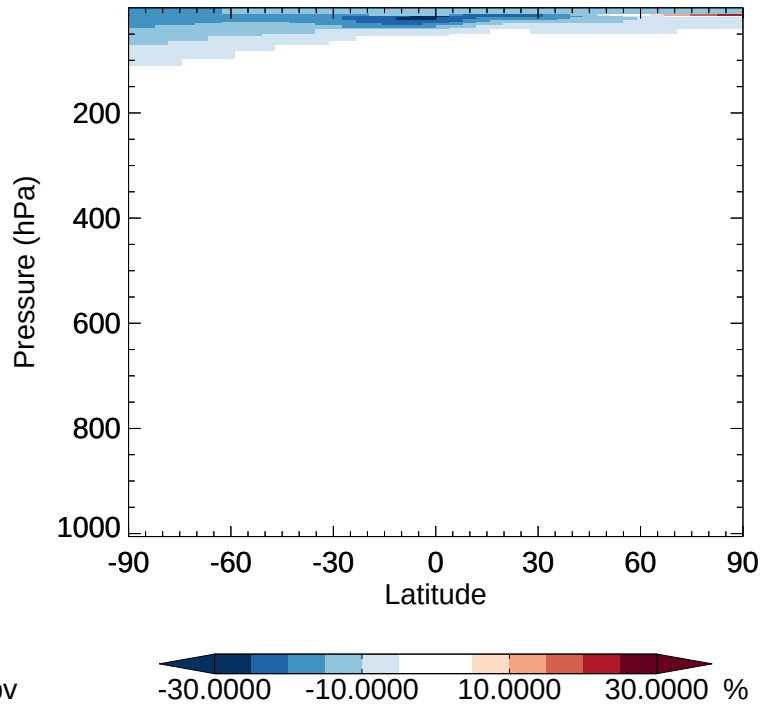
v11-02e-Run0 - v11-02c-Run0

CH2Br2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

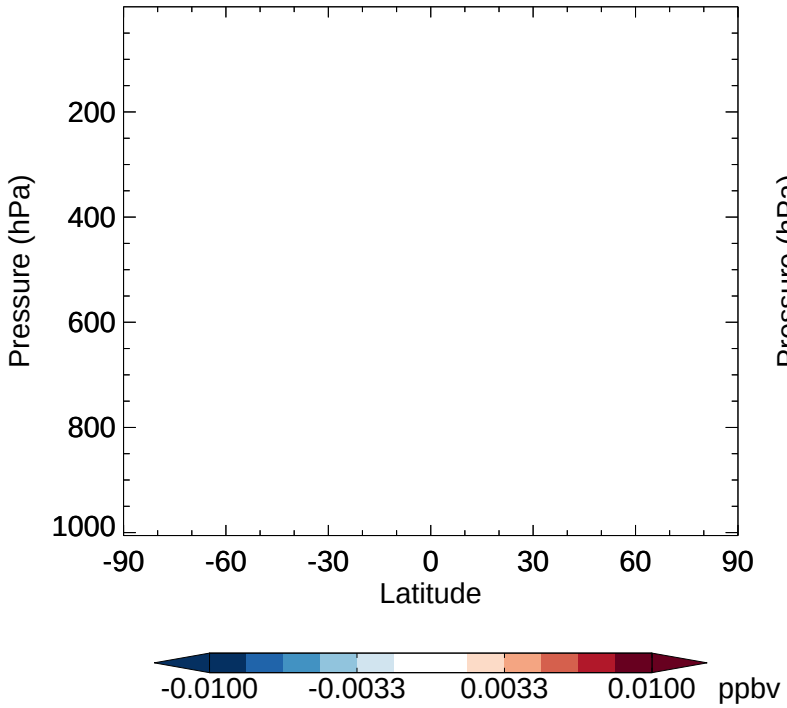
CH2Br2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

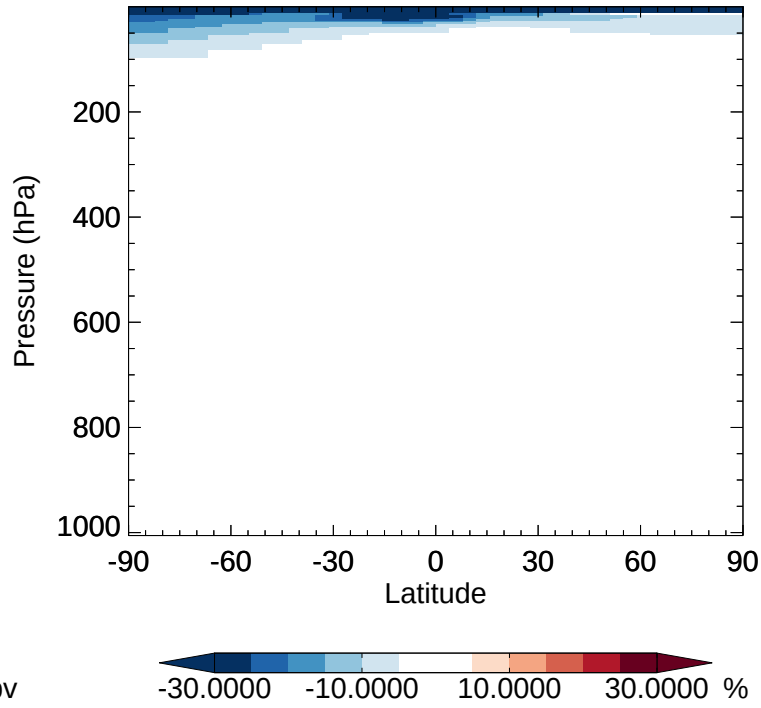
v11-02e-Run0 - v11-02d-Run1

CH3Br - Zonal mean abs diff for Apr



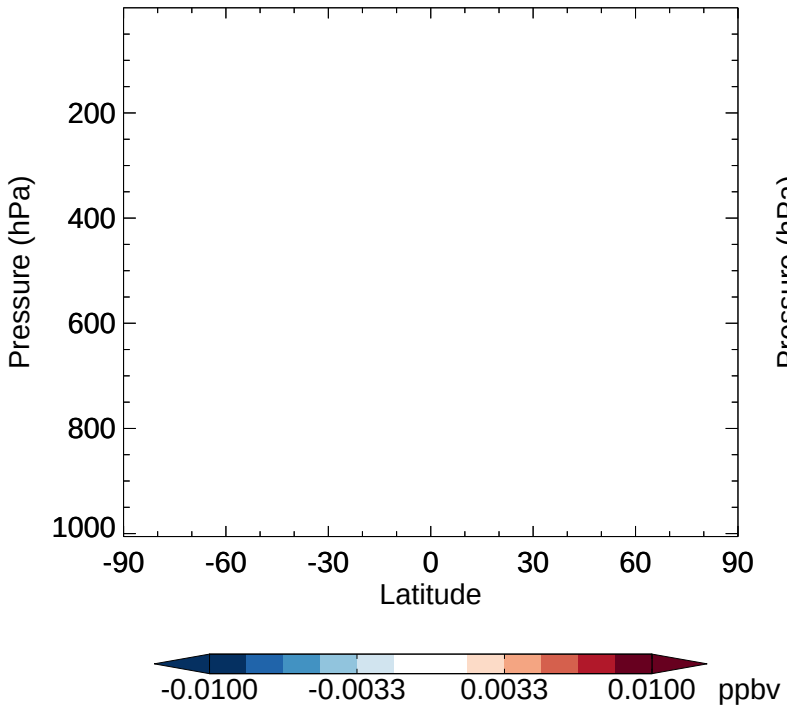
v11-02e-Run0 / v11-02d-Run1

CH3Br - Zonal mean % diff for Apr



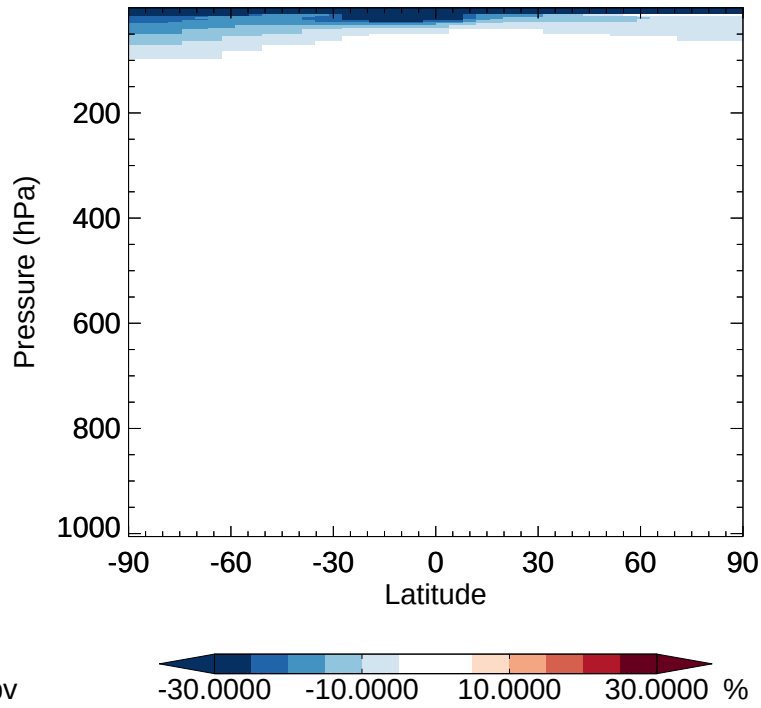
v11-02e-Run0 - v11-02c-Run0

CH3Br - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

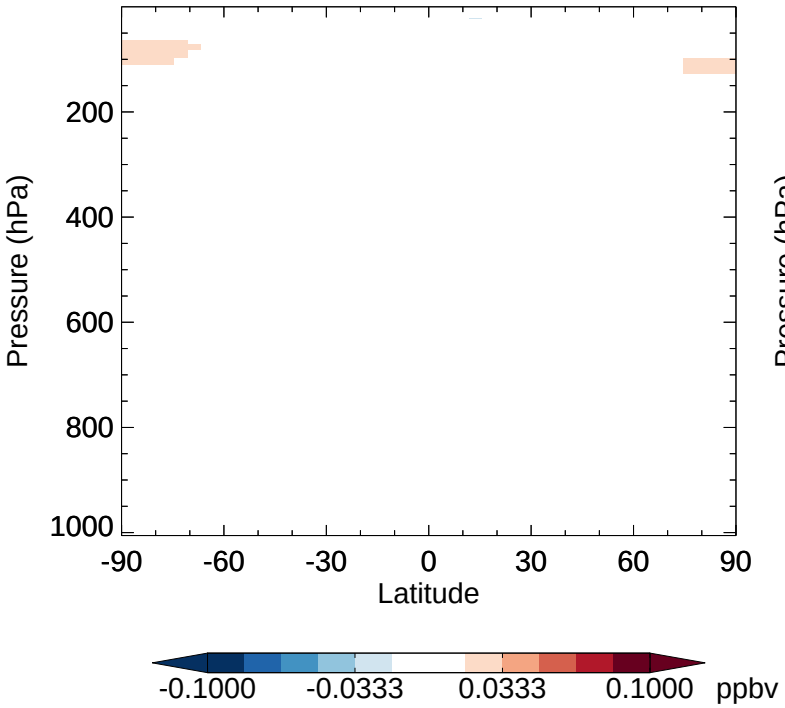
CH3Br - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

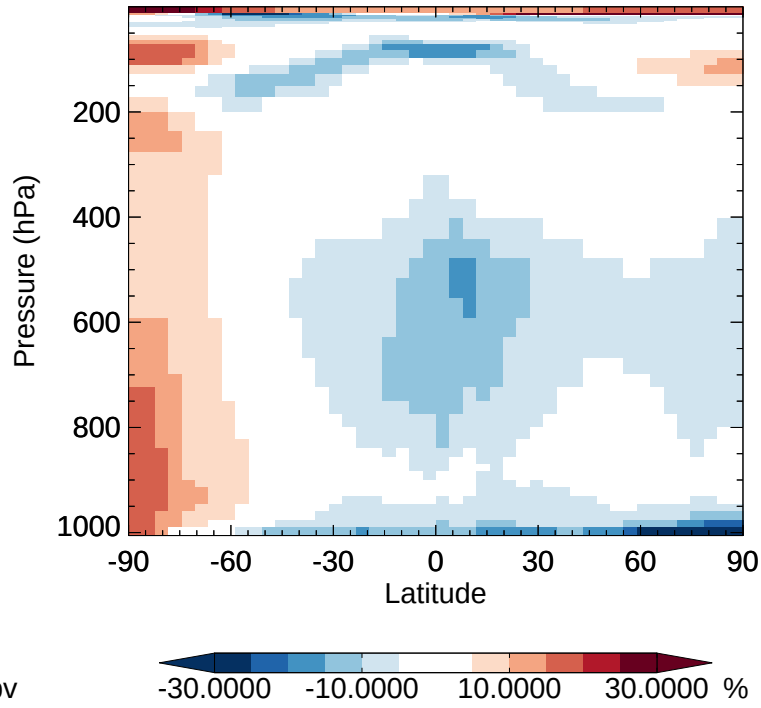
v11-02e-Run0 - v11-02d-Run1

MPN - Zonal mean abs diff for Apr



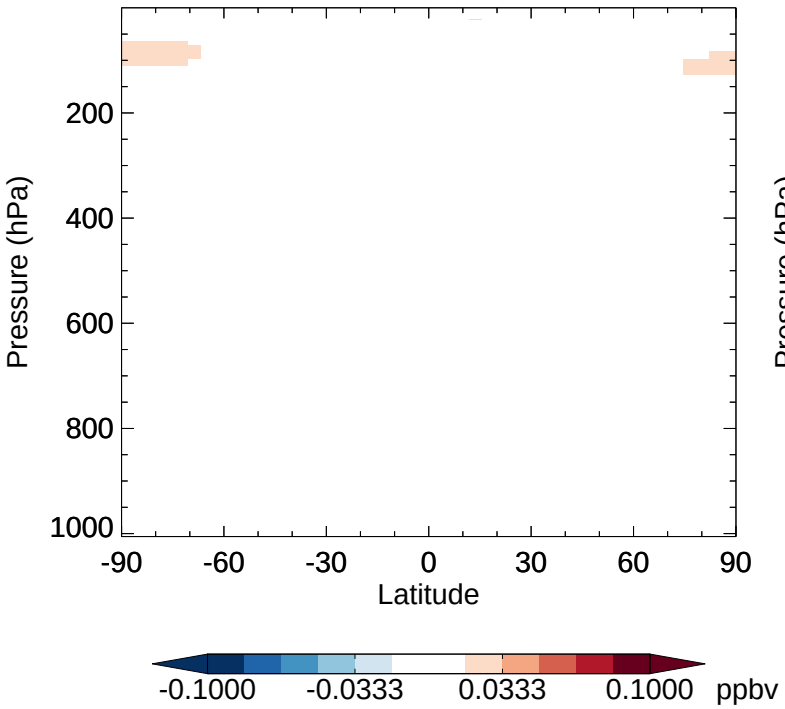
v11-02e-Run0 / v11-02d-Run1

MPN - Zonal mean % diff for Apr



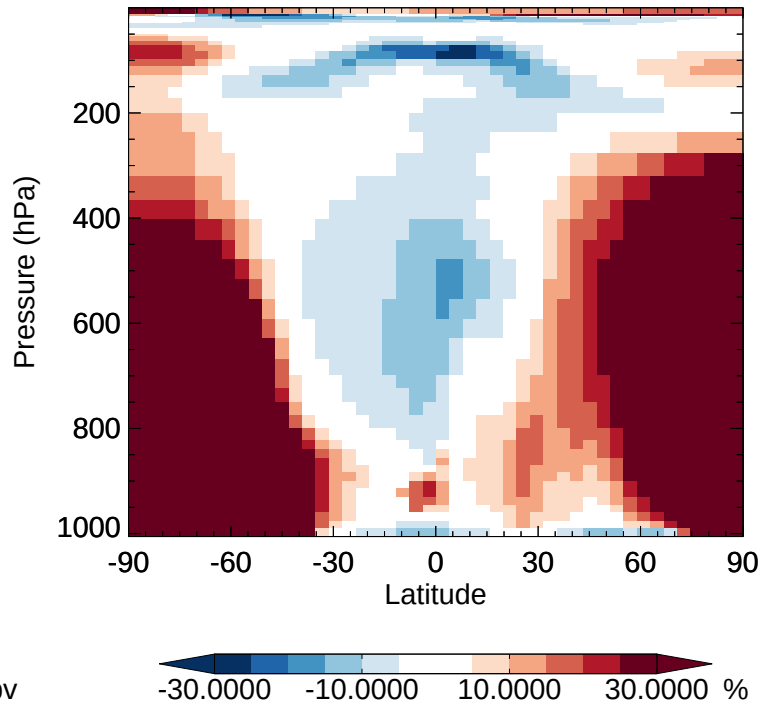
v11-02e-Run0 - v11-02c-Run0

MPN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

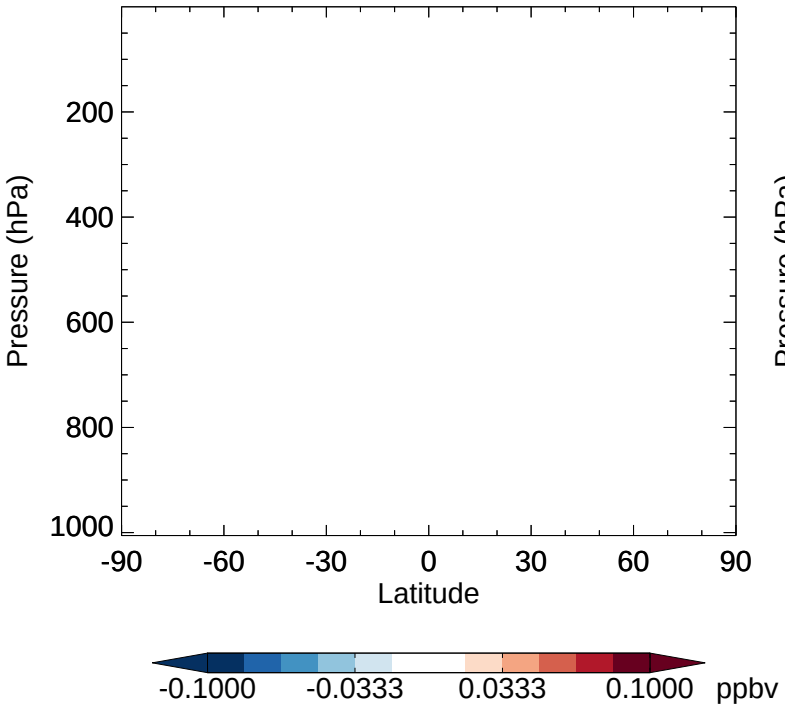
MPN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

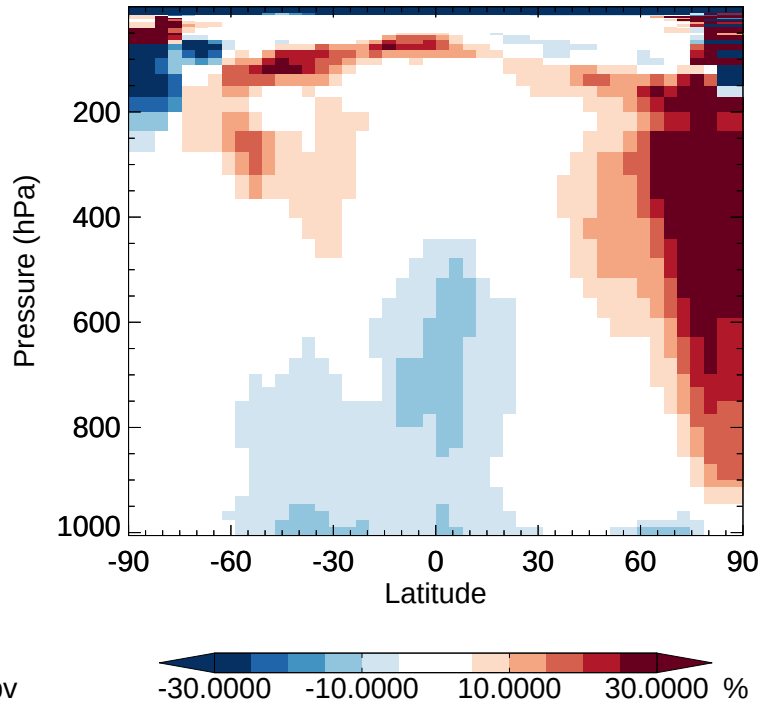
v11-02e-Run0 - v11-02d-Run1

ISOPND - Zonal mean abs diff for Apr



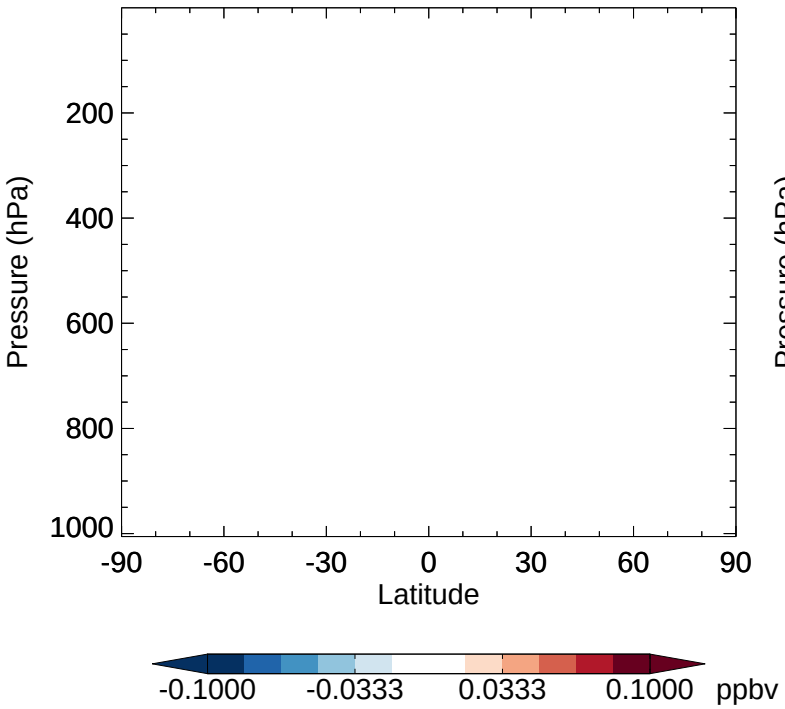
v11-02e-Run0 / v11-02d-Run1

ISOPND - Zonal mean % diff for Apr



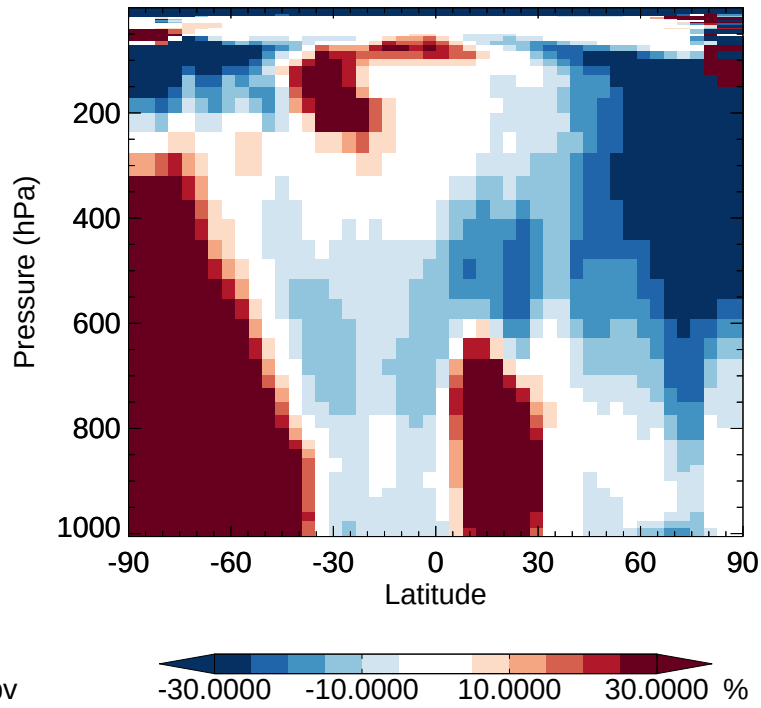
v11-02e-Run0 - v11-02c-Run0

ISOPND - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

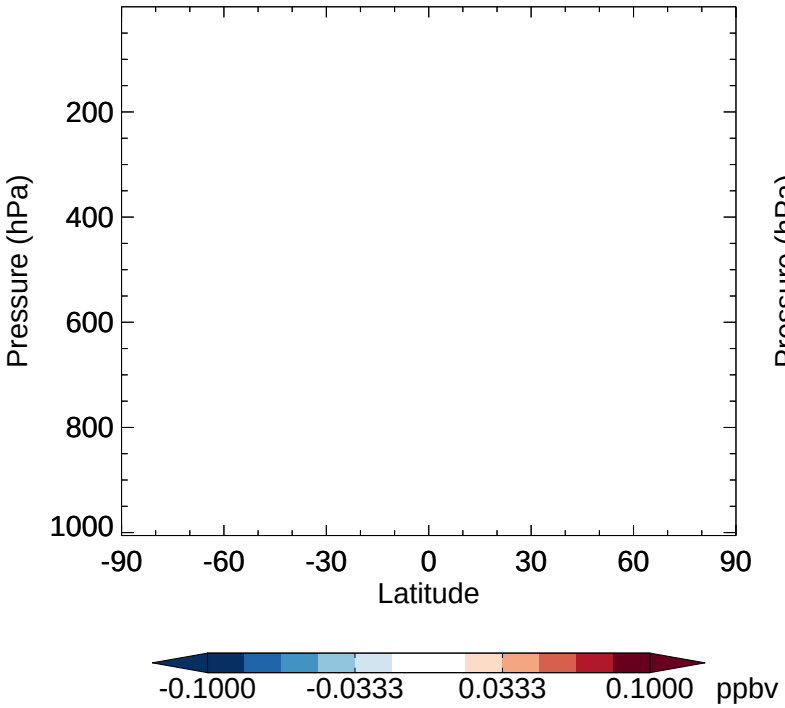
ISOPND - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

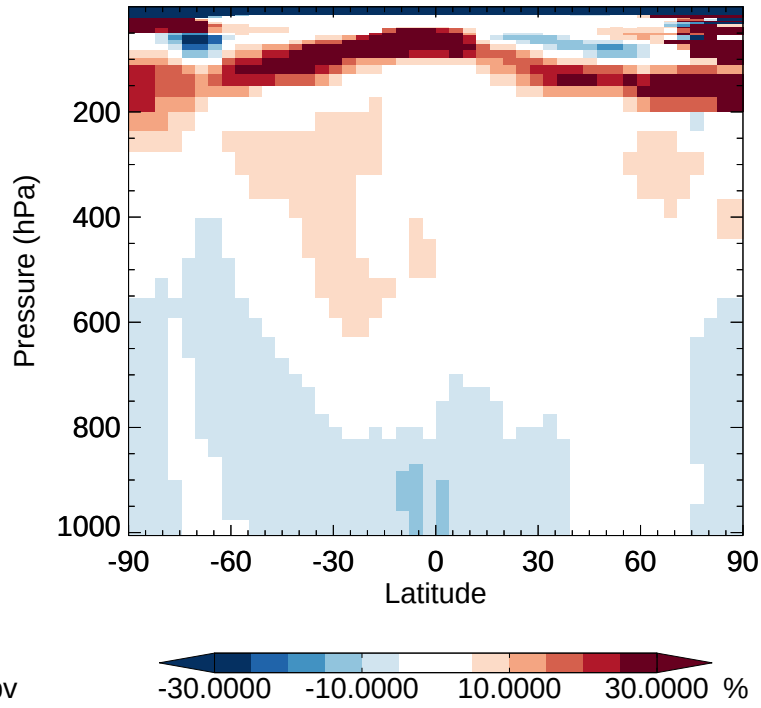
v11-02e-Run0 - v11-02d-Run1

ISOPNB - Zonal mean abs diff for Apr



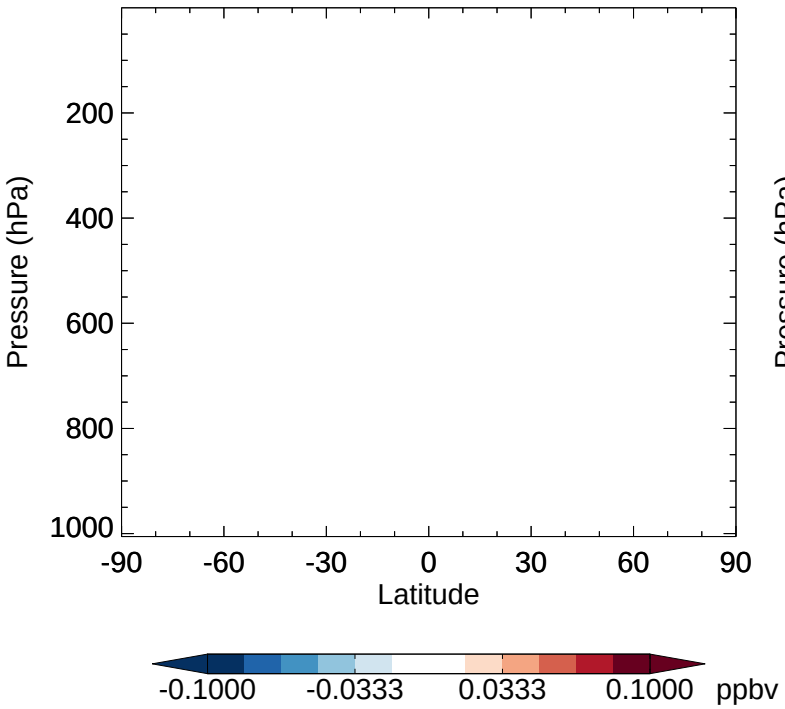
v11-02e-Run0 / v11-02d-Run1

ISOPNB - Zonal mean % diff for Apr



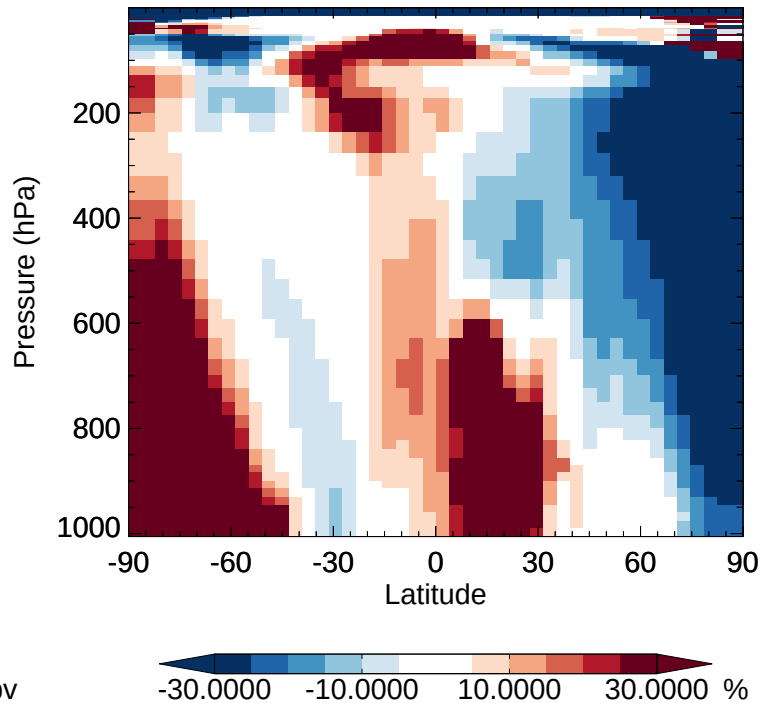
v11-02e-Run0 - v11-02c-Run0

ISOPNB - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

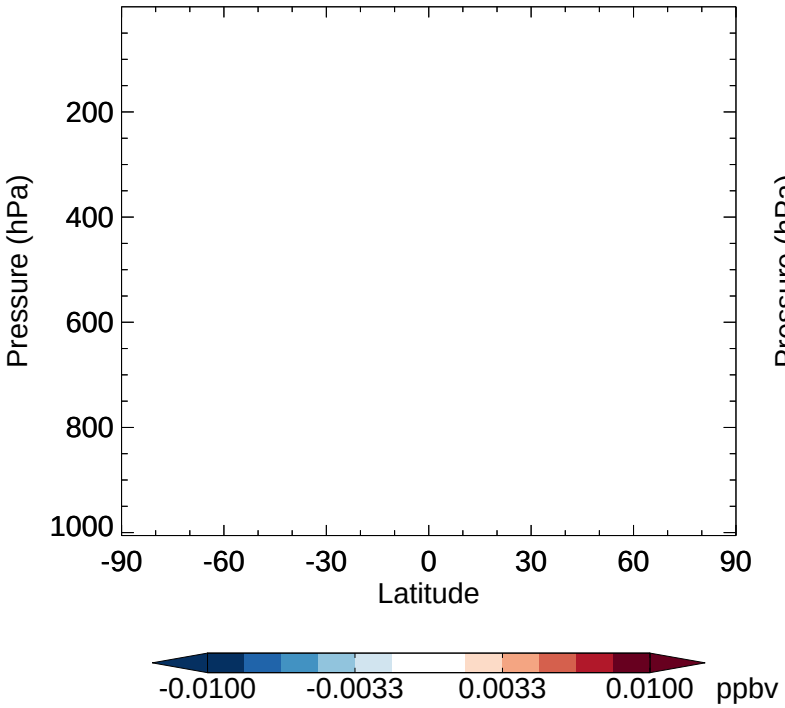
ISOPNB - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

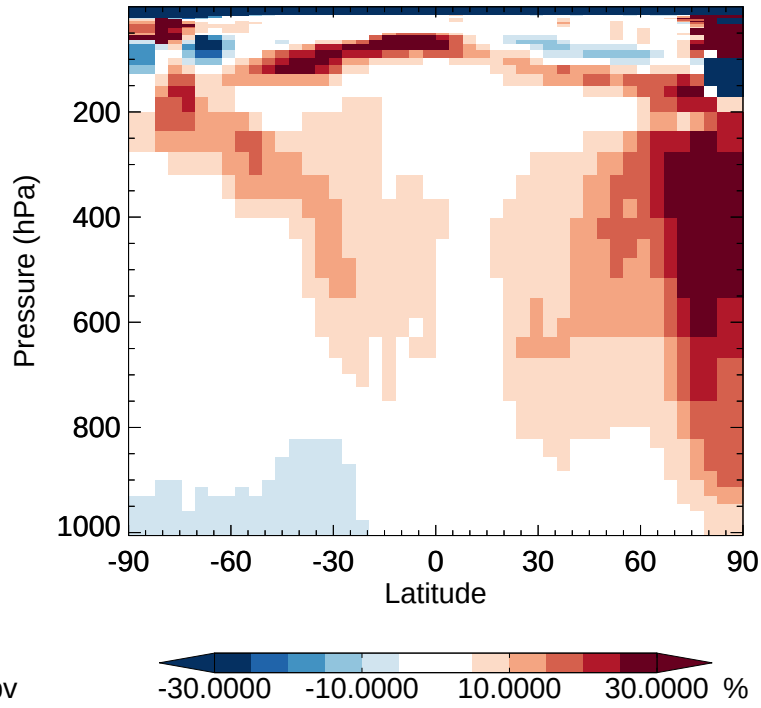
v11-02e-Run0 - v11-02d-Run1

MOBA - Zonal mean abs diff for Apr



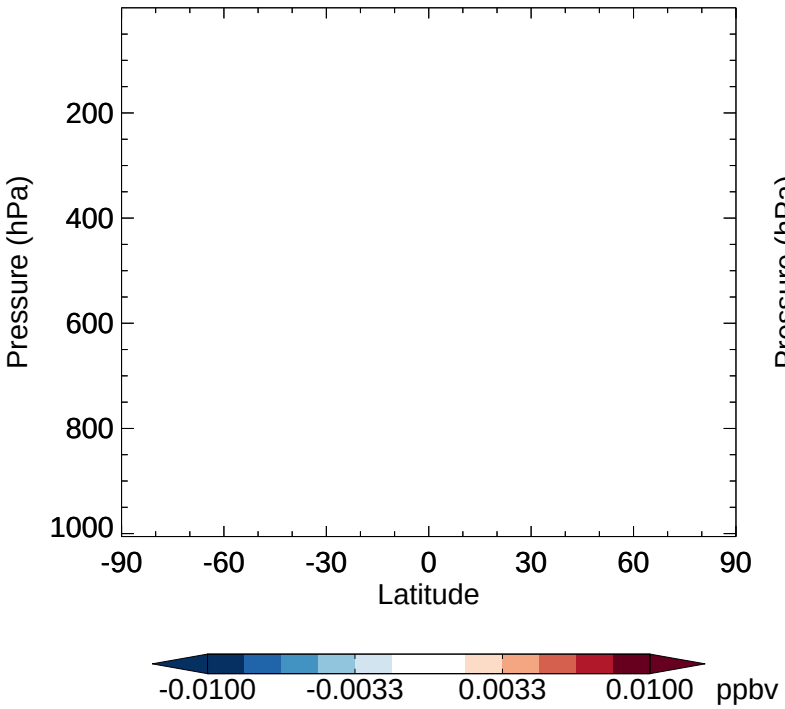
v11-02e-Run0 / v11-02d-Run1

MOBA - Zonal mean % diff for Apr



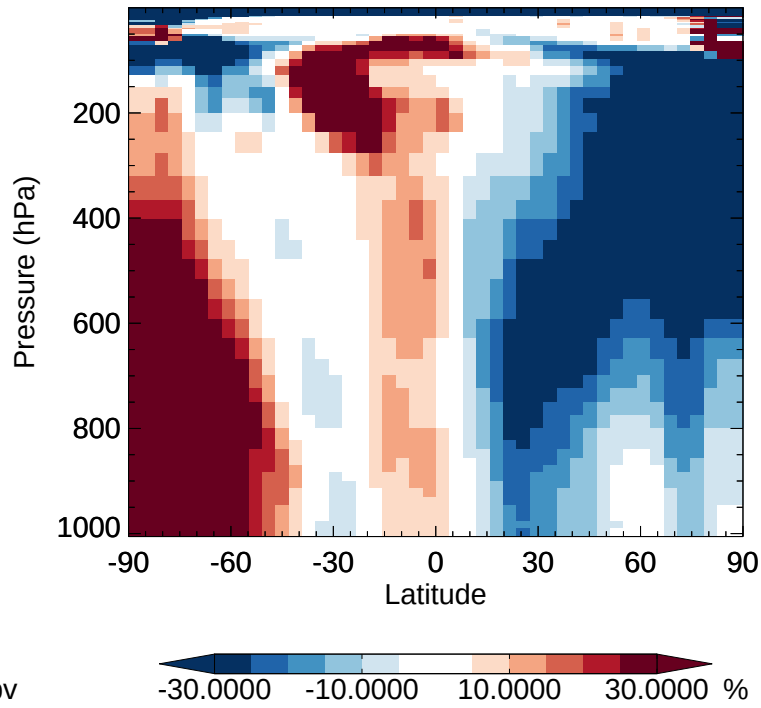
v11-02e-Run0 - v11-02c-Run0

MOBA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

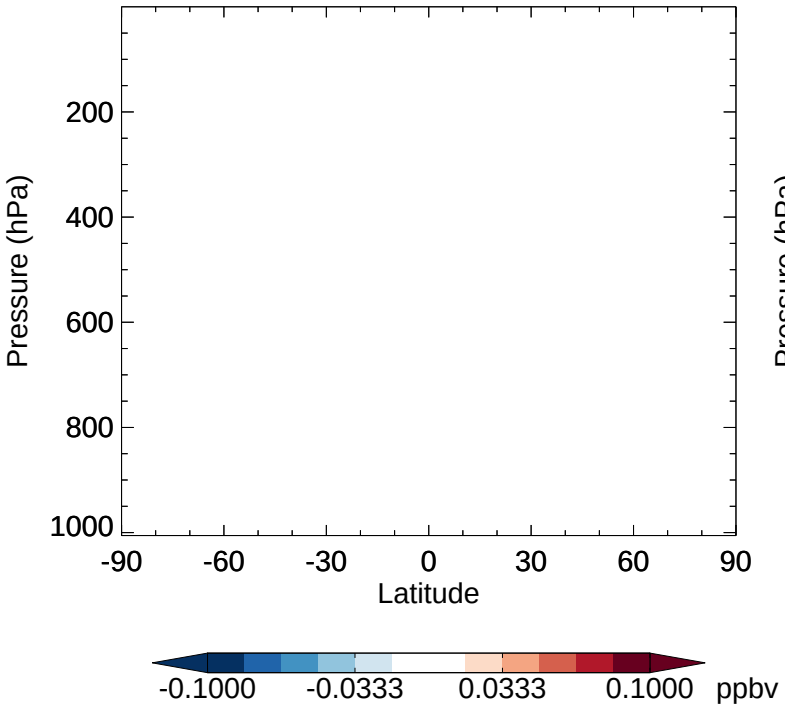
MOBA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

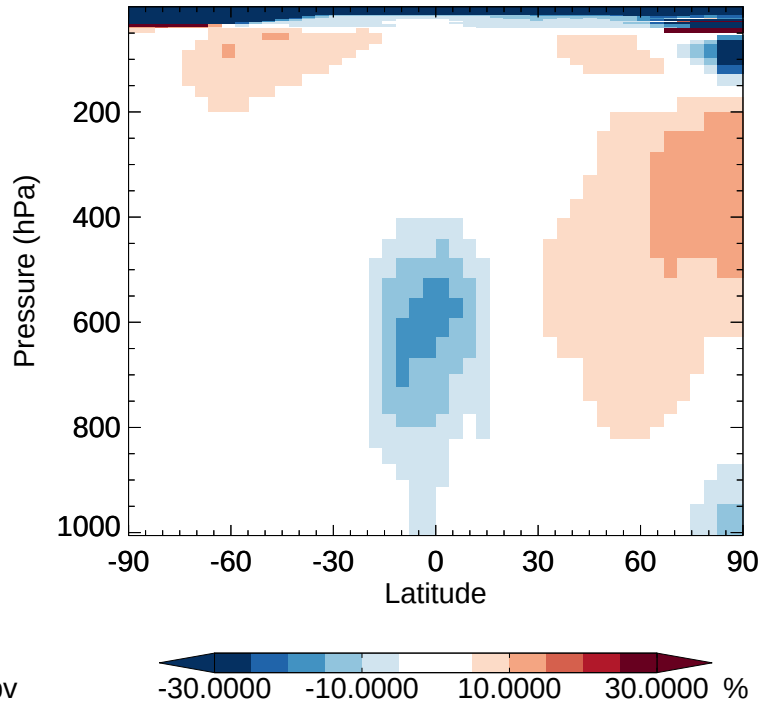
v11-02e-Run0 - v11-02d-Run1

PROPNN - Zonal mean abs diff for Apr



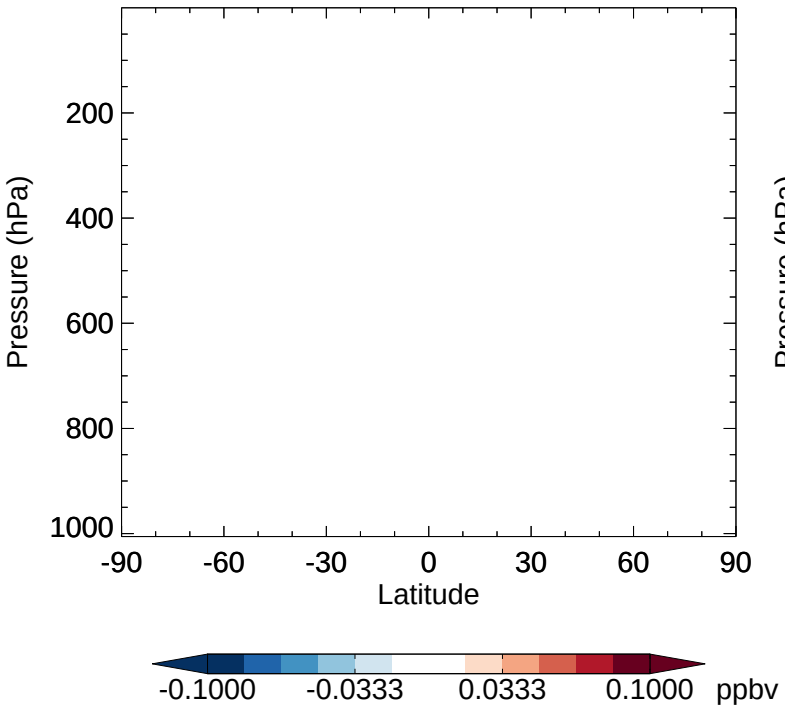
v11-02e-Run0 / v11-02d-Run1

PROPNN - Zonal mean % diff for Apr



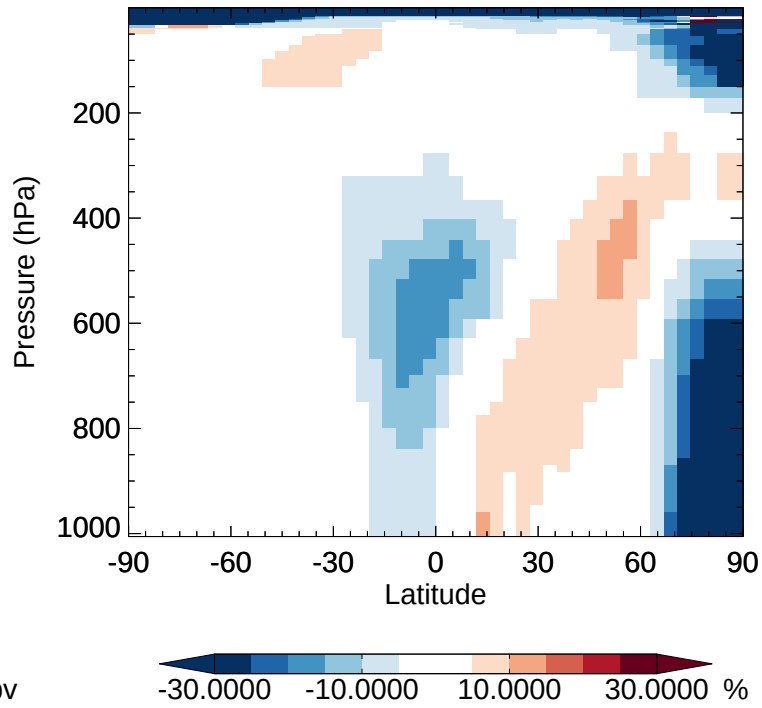
v11-02e-Run0 - v11-02c-Run0

PROPNN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

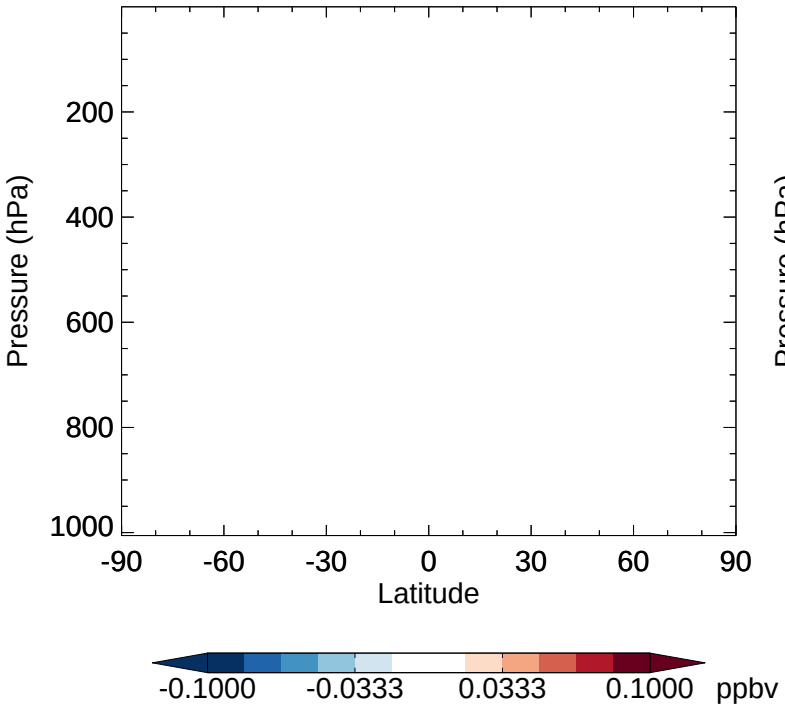
PROPNN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

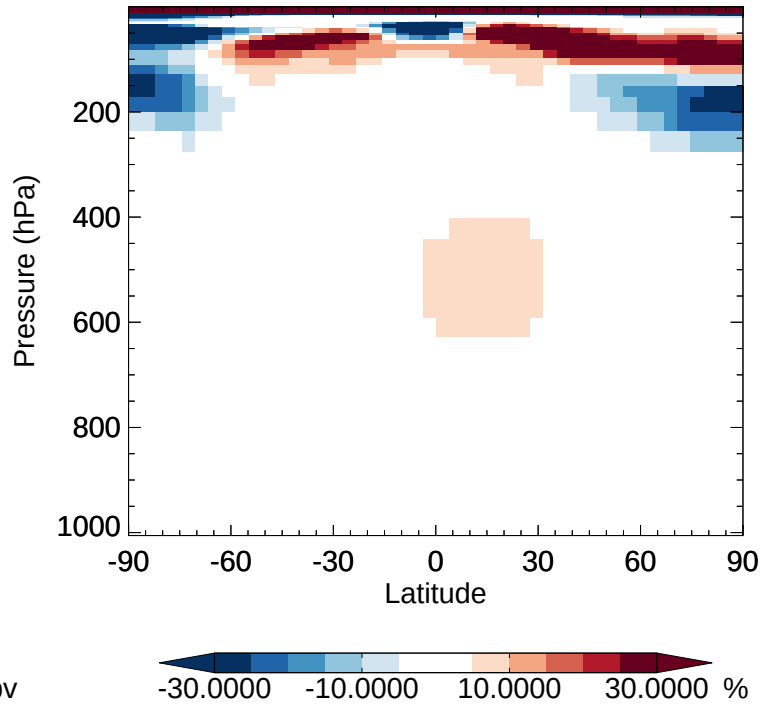
v11-02e-Run0 - v11-02d-Run1

HAC - Zonal mean abs diff for Apr



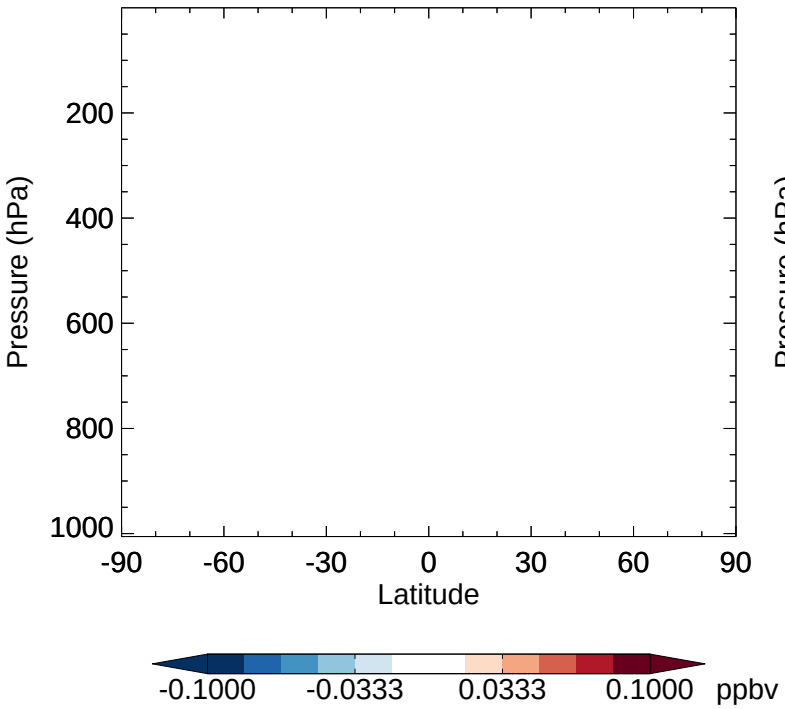
v11-02e-Run0 / v11-02d-Run1

HAC - Zonal mean % diff for Apr



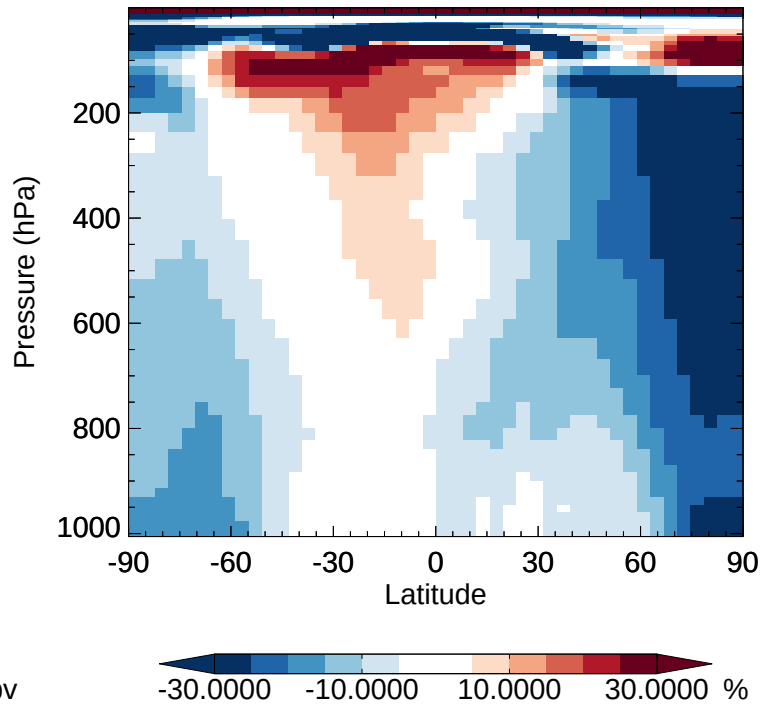
v11-02e-Run0 - v11-02c-Run0

HAC - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

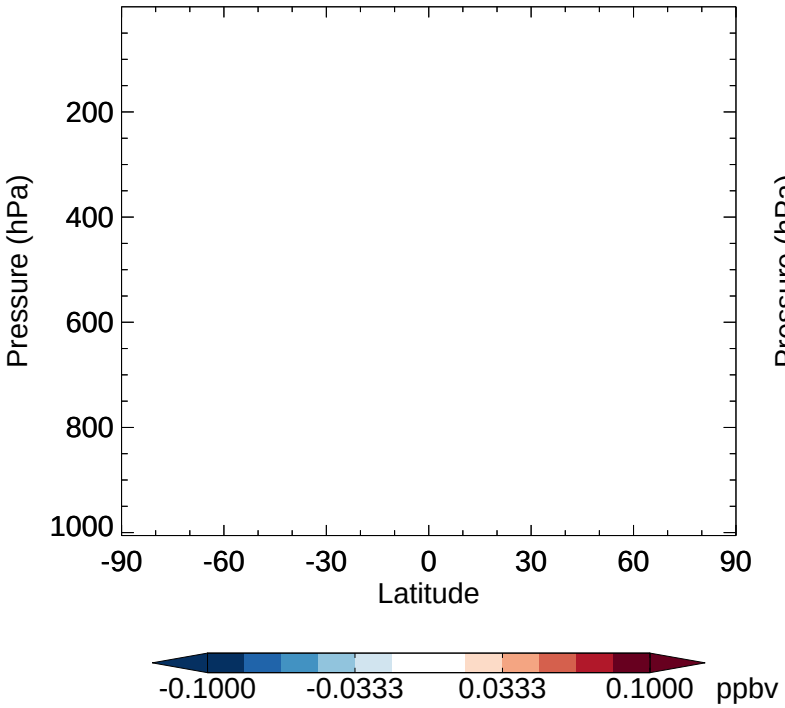
HAC - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

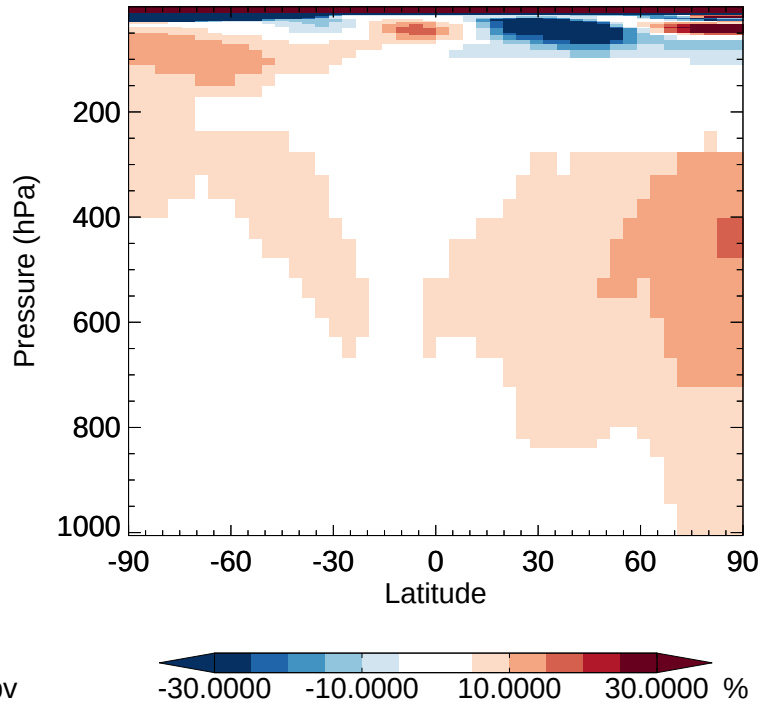
v11-02e-Run0 - v11-02d-Run1

GLYC - Zonal mean abs diff for Apr



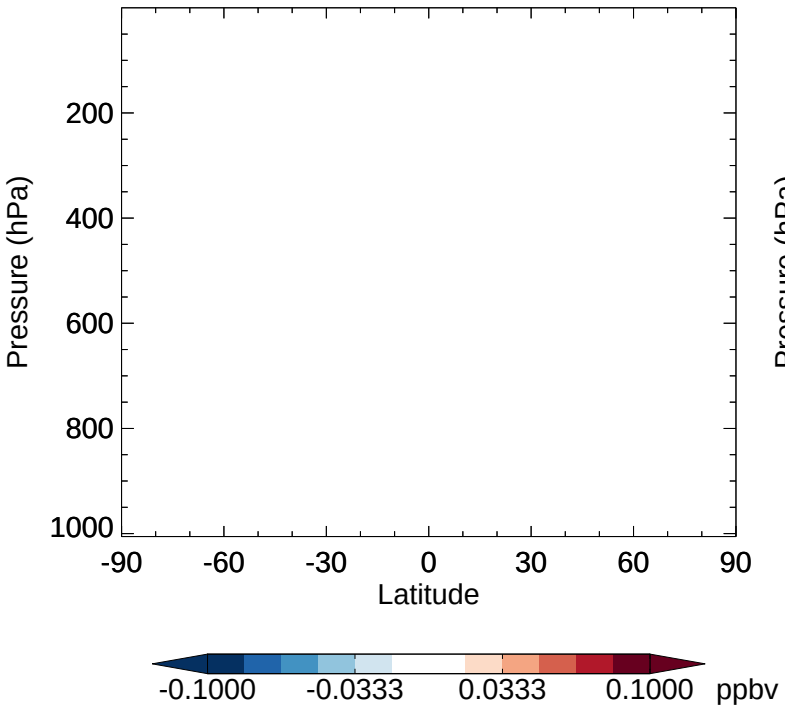
v11-02e-Run0 / v11-02d-Run1

GLYC - Zonal mean % diff for Apr



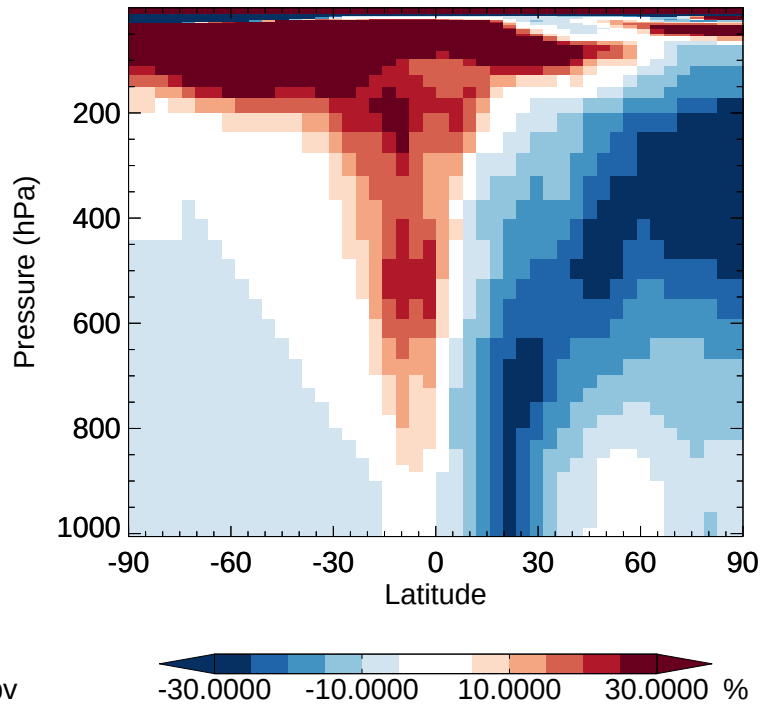
v11-02e-Run0 - v11-02c-Run0

GLYC - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

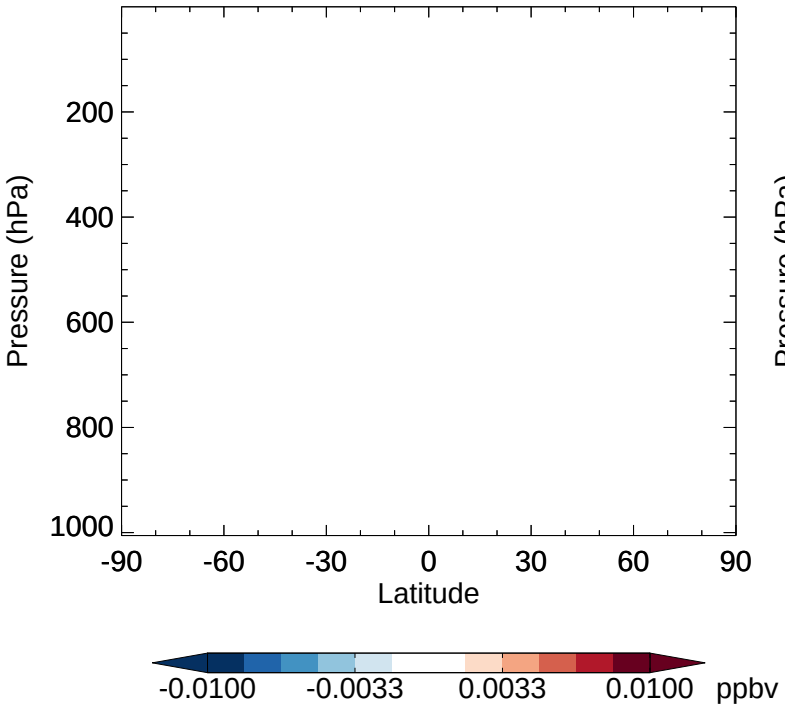
GLYC - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

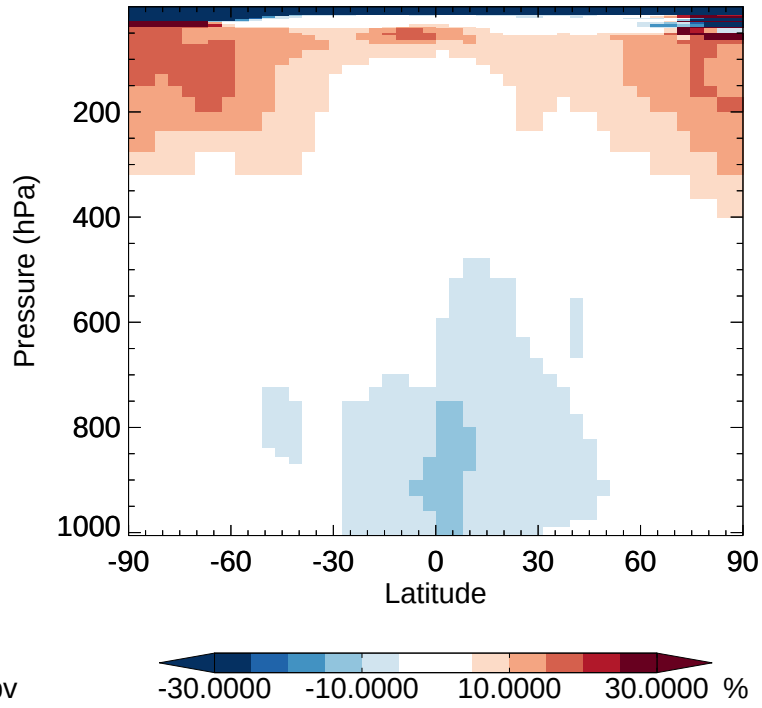
v11-02e-Run0 - v11-02d-Run1

MVKN - Zonal mean abs diff for Apr



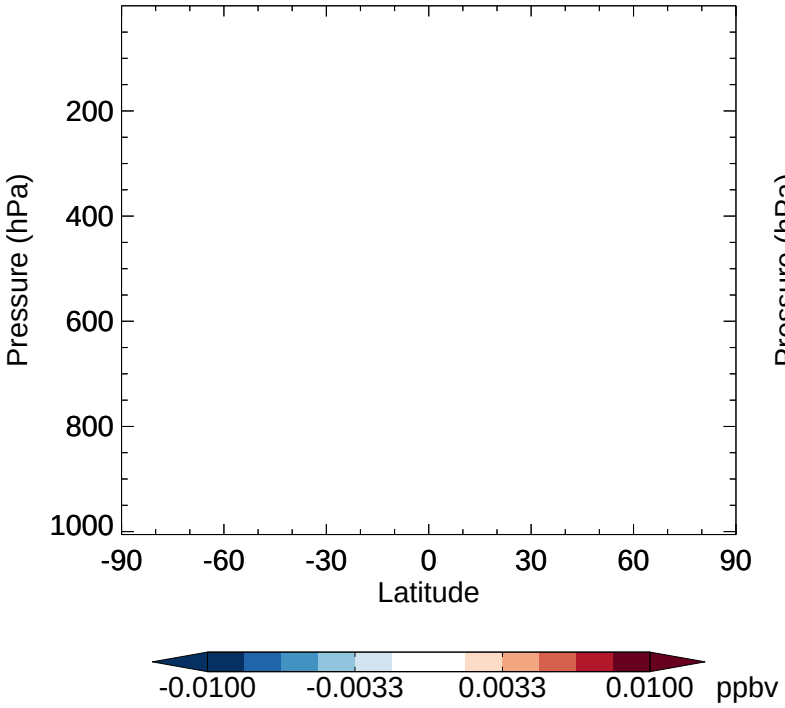
v11-02e-Run0 / v11-02d-Run1

MVKN - Zonal mean % diff for Apr



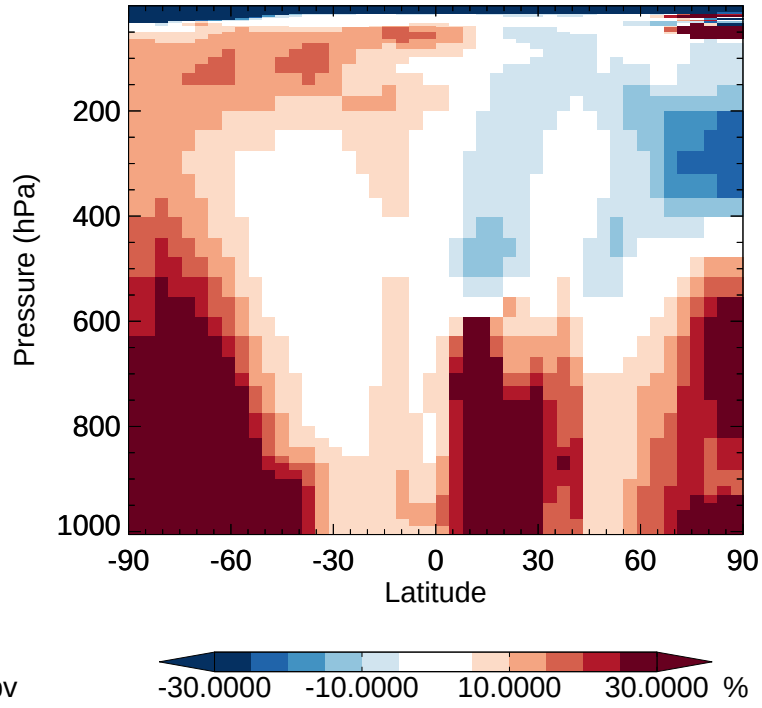
v11-02e-Run0 - v11-02c-Run0

MVKN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

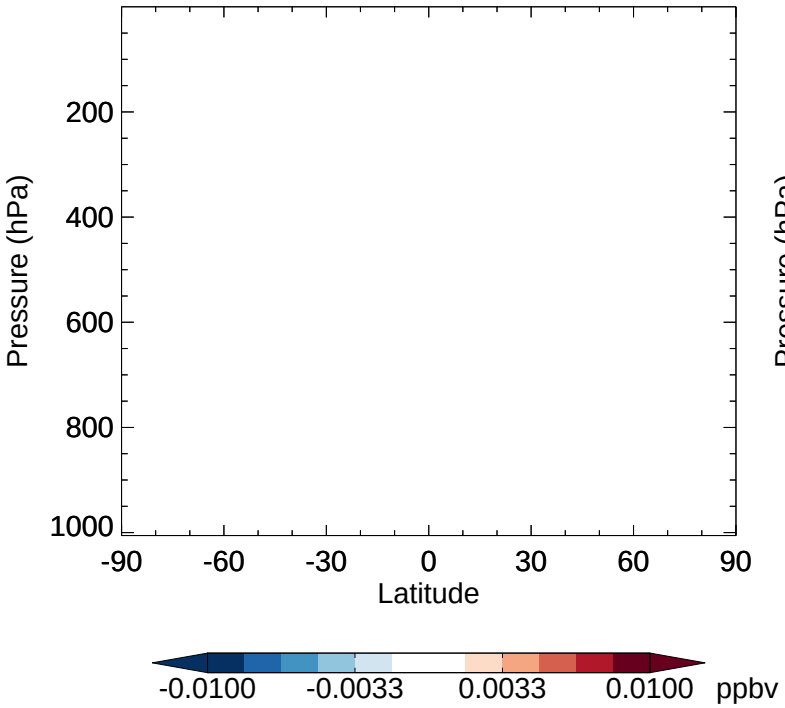
MVKN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

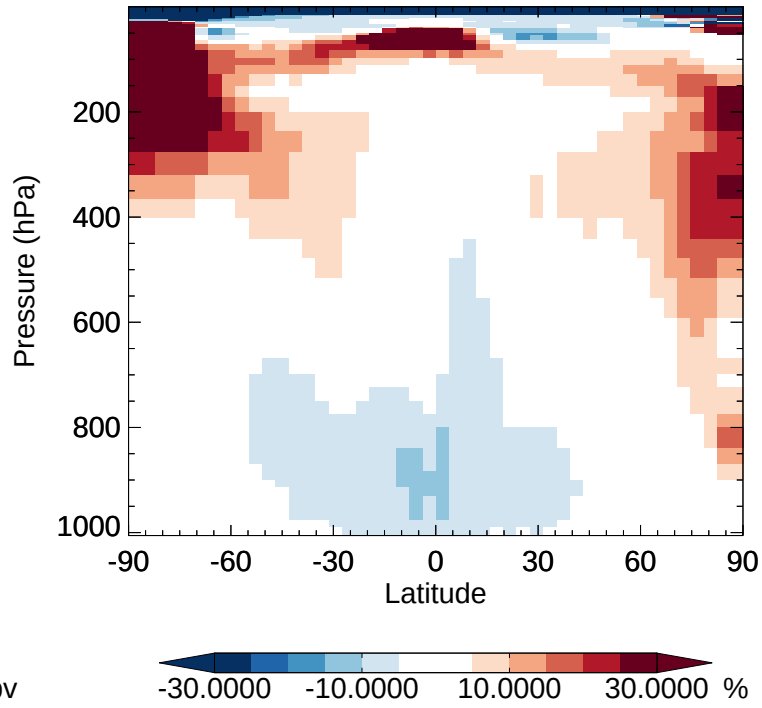
v11-02e-Run0 - v11-02d-Run1

MACRN - Zonal mean abs diff for Apr



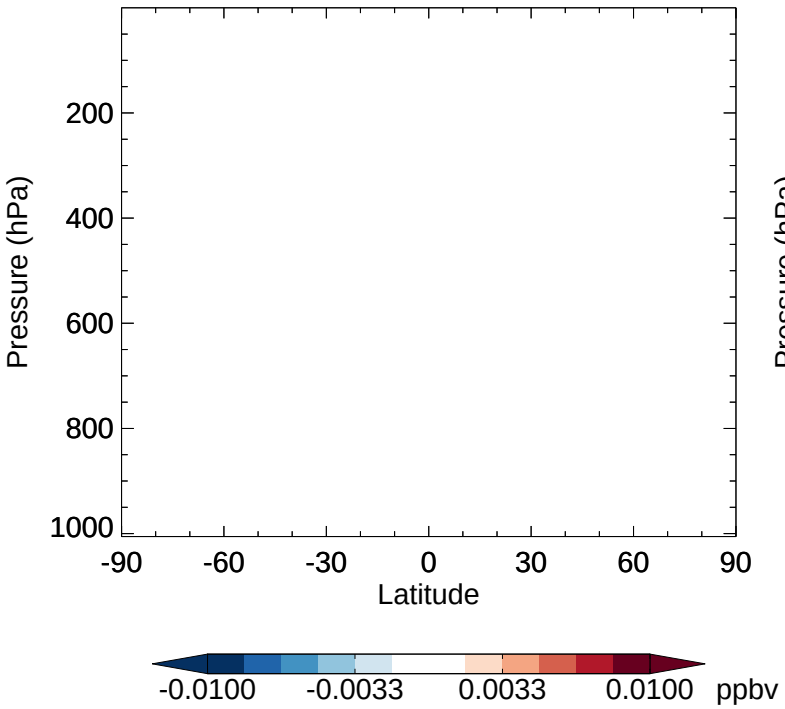
v11-02e-Run0 / v11-02d-Run1

MACRN - Zonal mean % diff for Apr



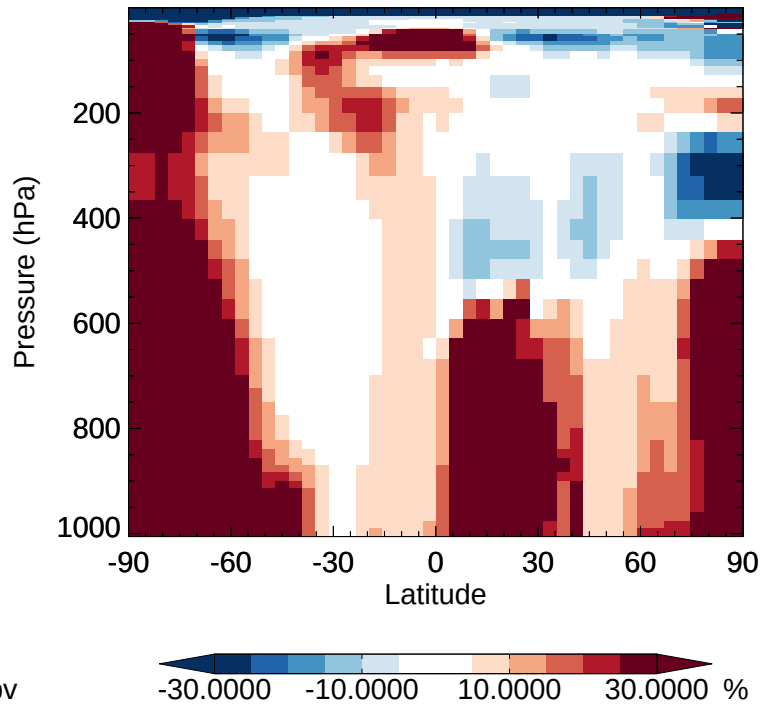
v11-02e-Run0 - v11-02c-Run0

MACRN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

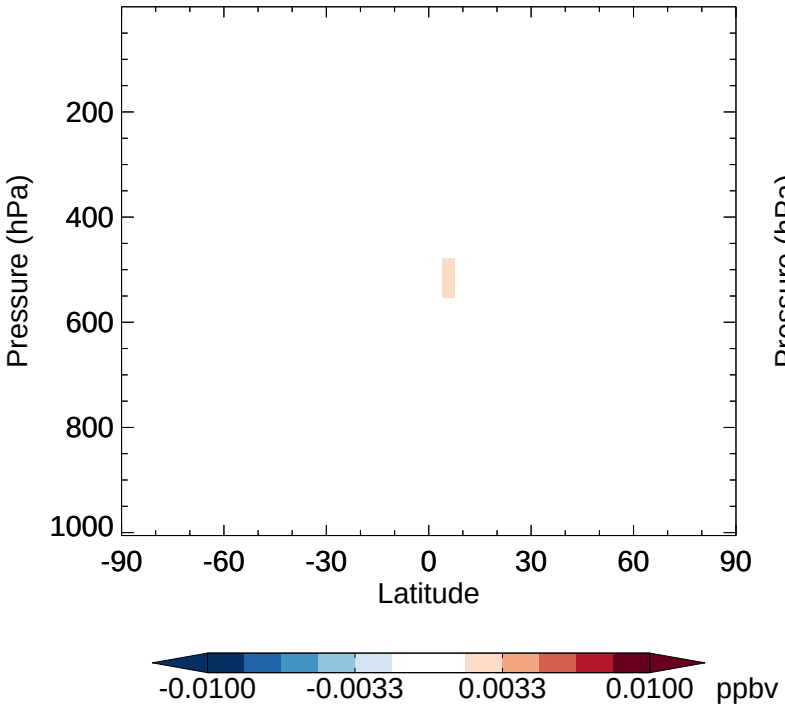
MACRN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

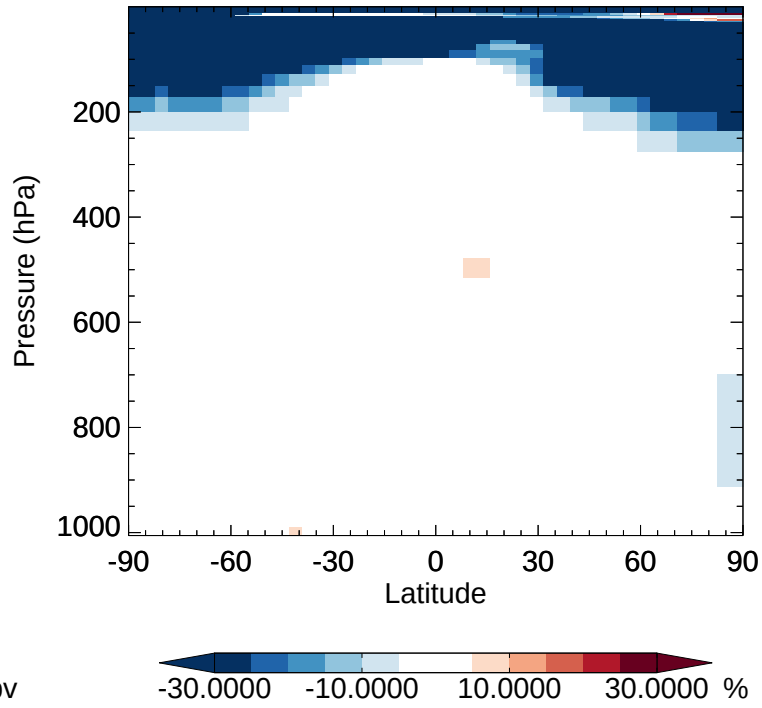
v11-02e-Run0 - v11-02d-Run1

MAP - Zonal mean abs diff for Apr



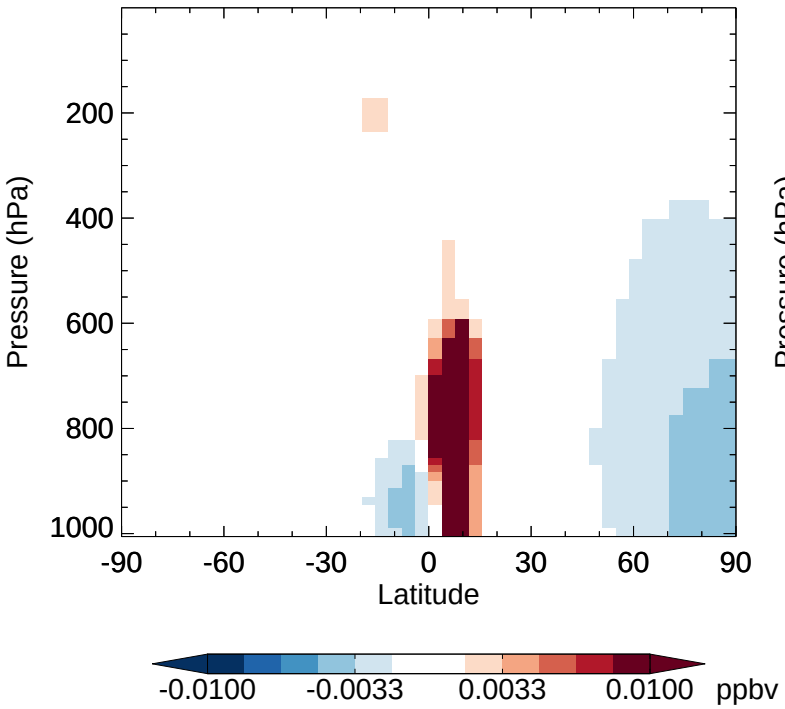
v11-02e-Run0 / v11-02d-Run1

MAP - Zonal mean % diff for Apr



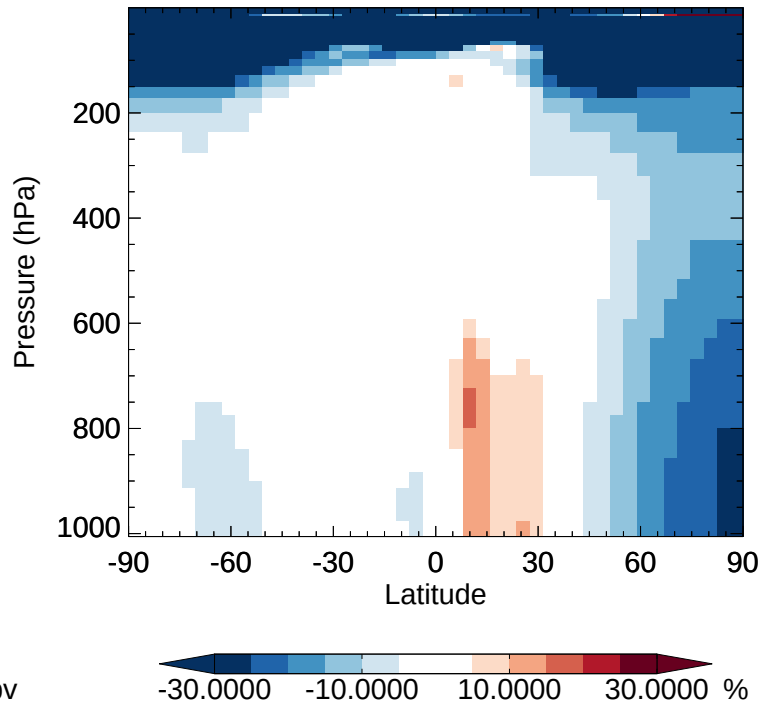
v11-02e-Run0 - v11-02c-Run0

MAP - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

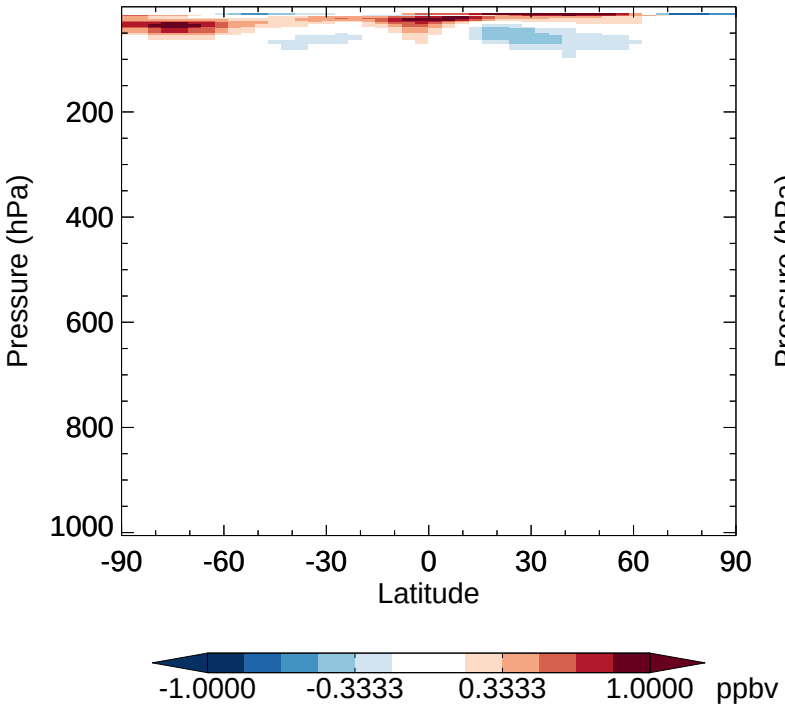
MAP - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

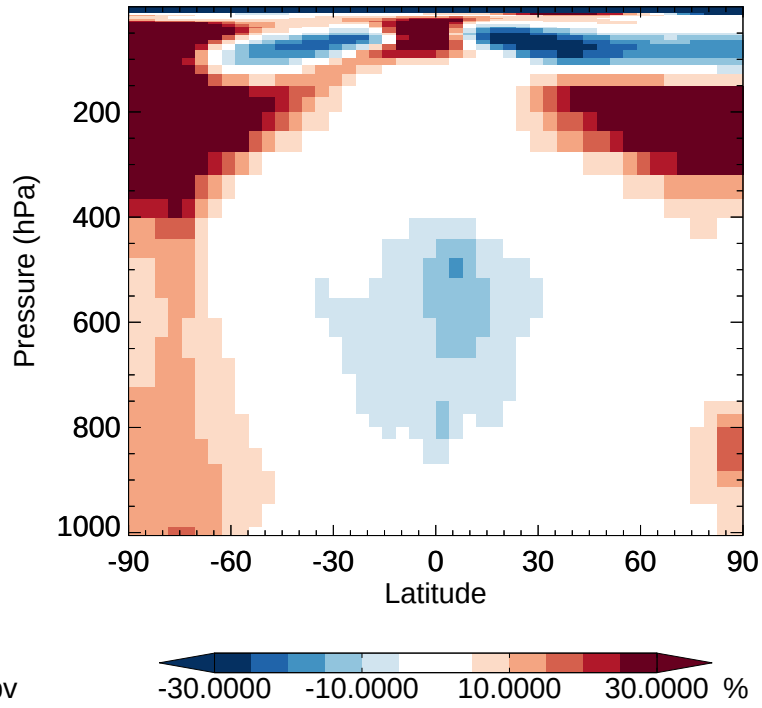
v11-02e-Run0 - v11-02d-Run1

NO2 - Zonal mean abs diff for Apr



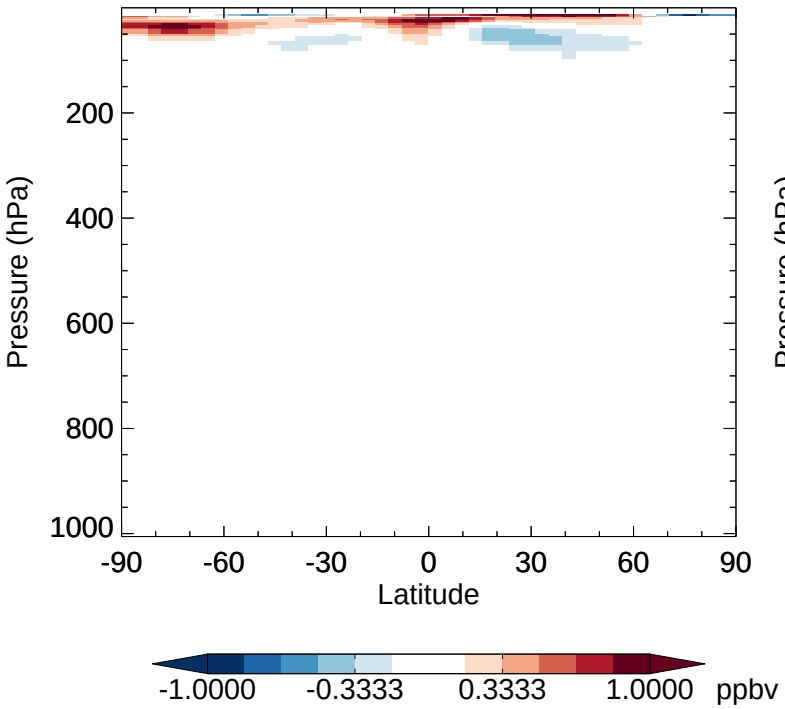
v11-02e-Run0 / v11-02d-Run1

NO2 - Zonal mean % diff for Apr



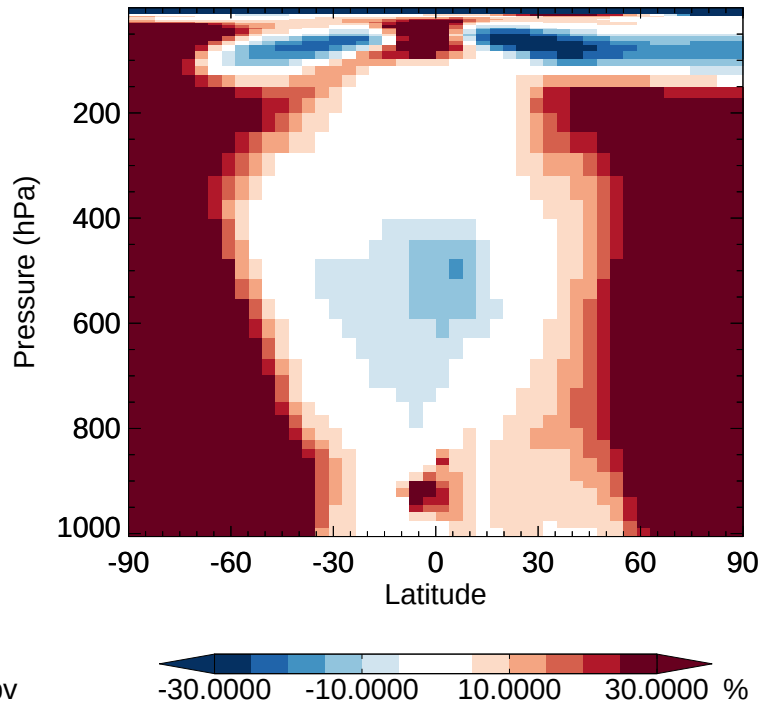
v11-02e-Run0 - v11-02c-Run0

NO2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

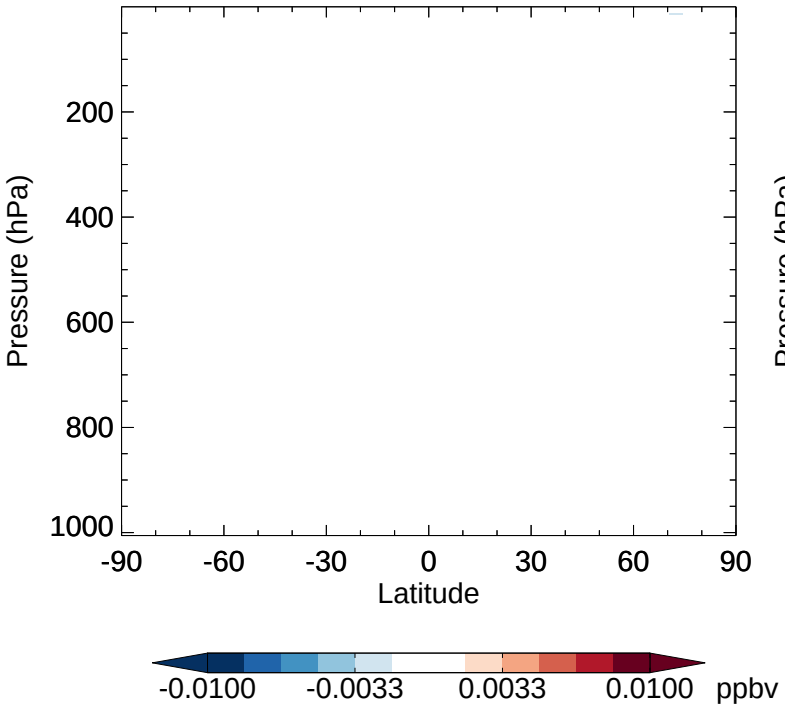
NO2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

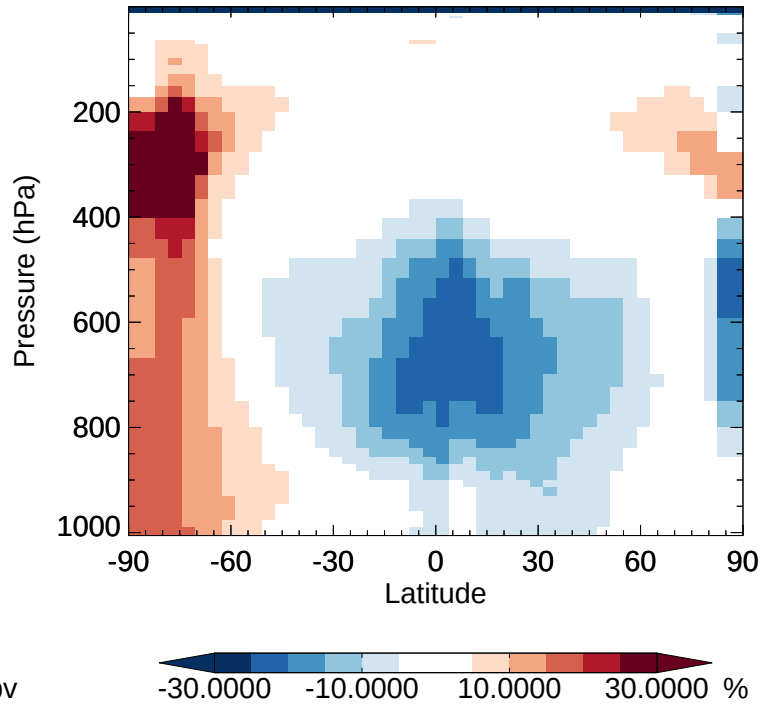
v11-02e-Run0 - v11-02d-Run1

NO3 - Zonal mean abs diff for Apr



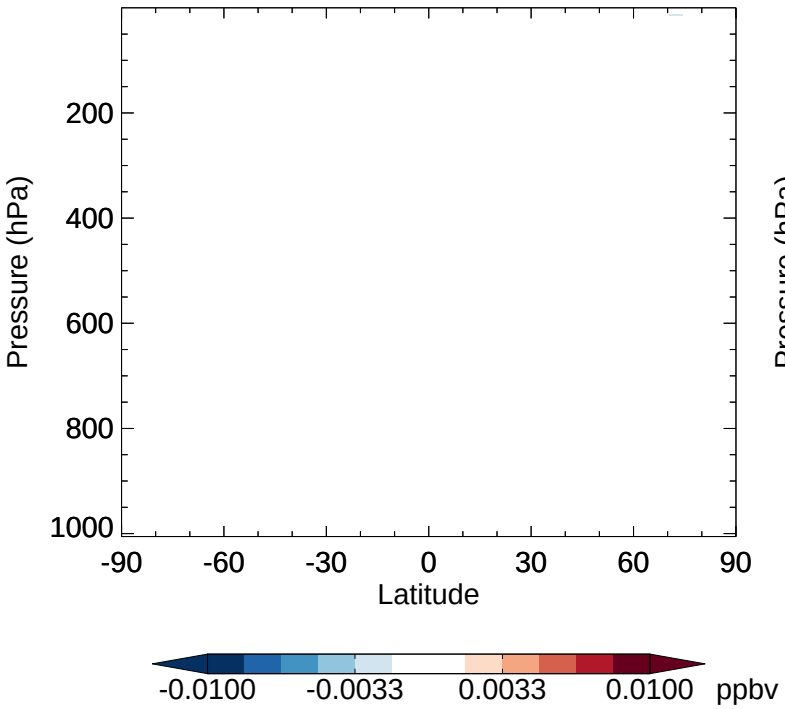
v11-02e-Run0 / v11-02d-Run1

NO3 - Zonal mean % diff for Apr



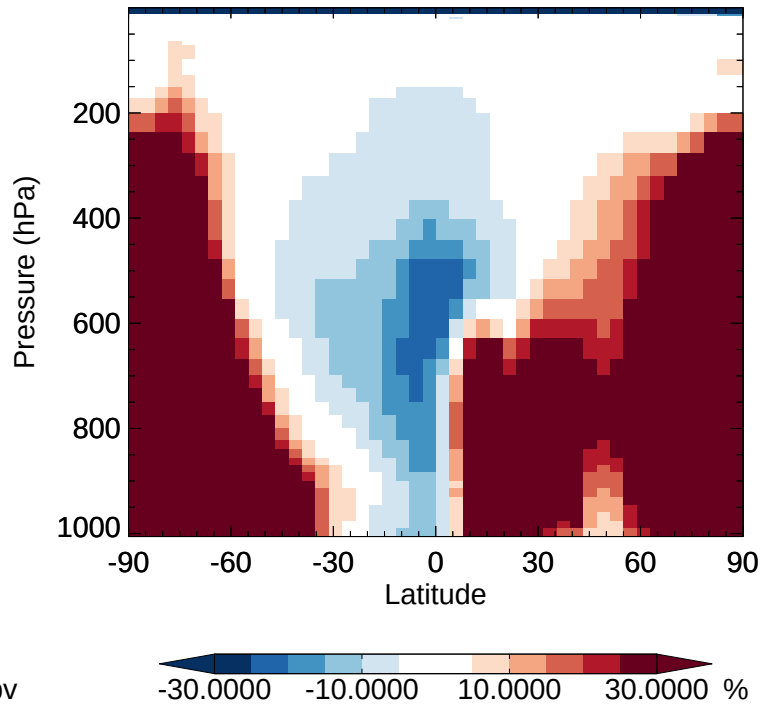
v11-02e-Run0 - v11-02c-Run0

NO3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

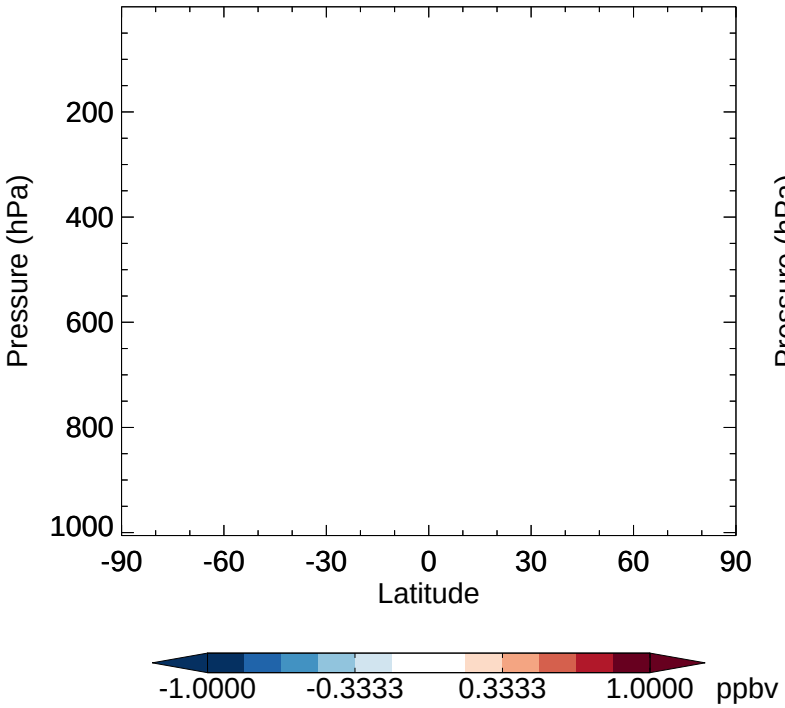
NO3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

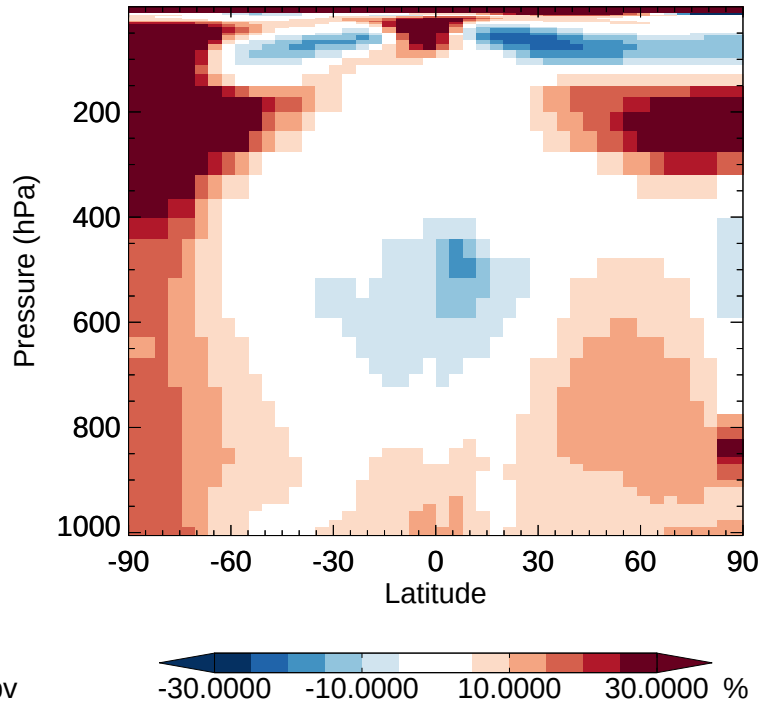
v11-02e-Run0 - v11-02d-Run1

HNO2 - Zonal mean abs diff for Apr



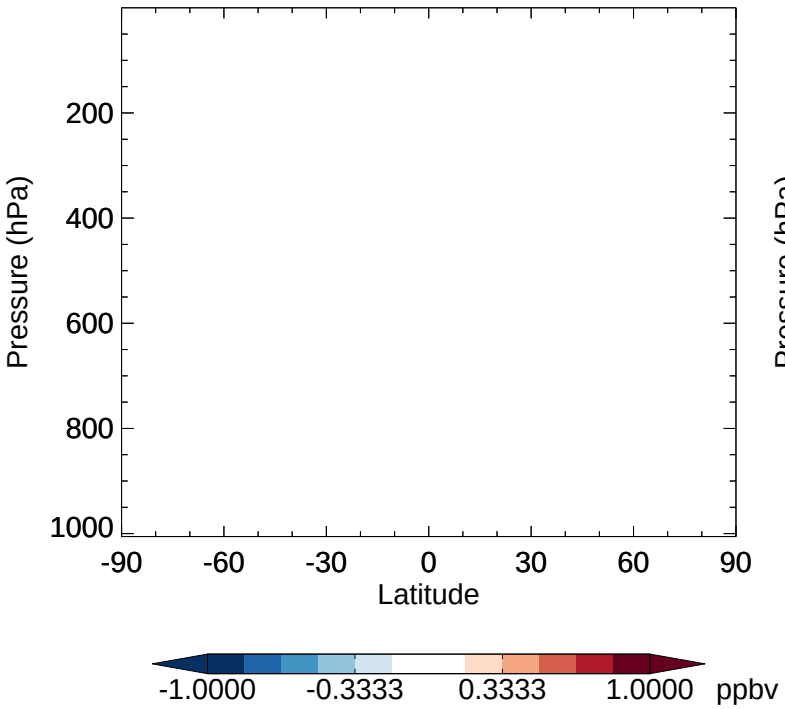
v11-02e-Run0 / v11-02d-Run1

HNO2 - Zonal mean % diff for Apr



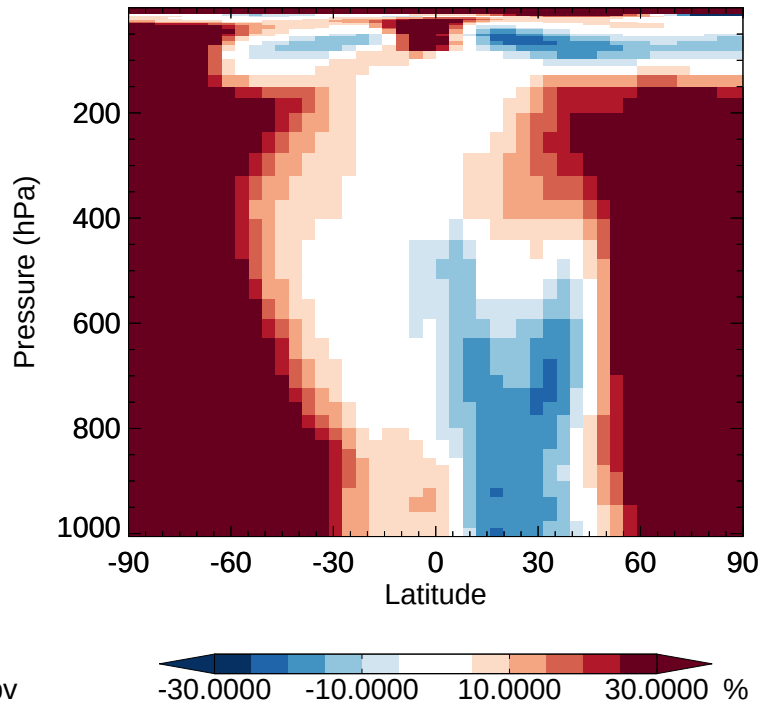
v11-02e-Run0 - v11-02c-Run0

HNO2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

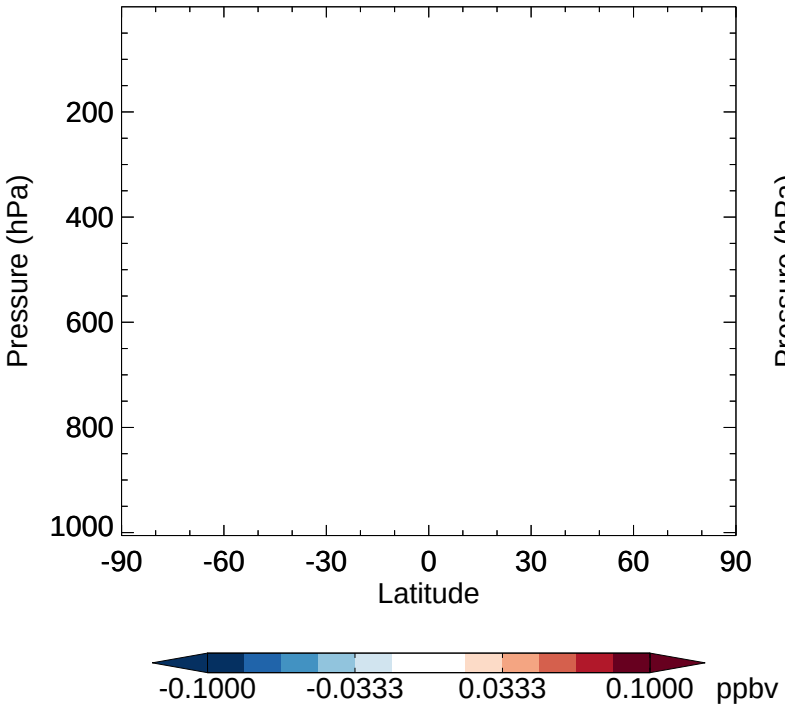
HNO2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

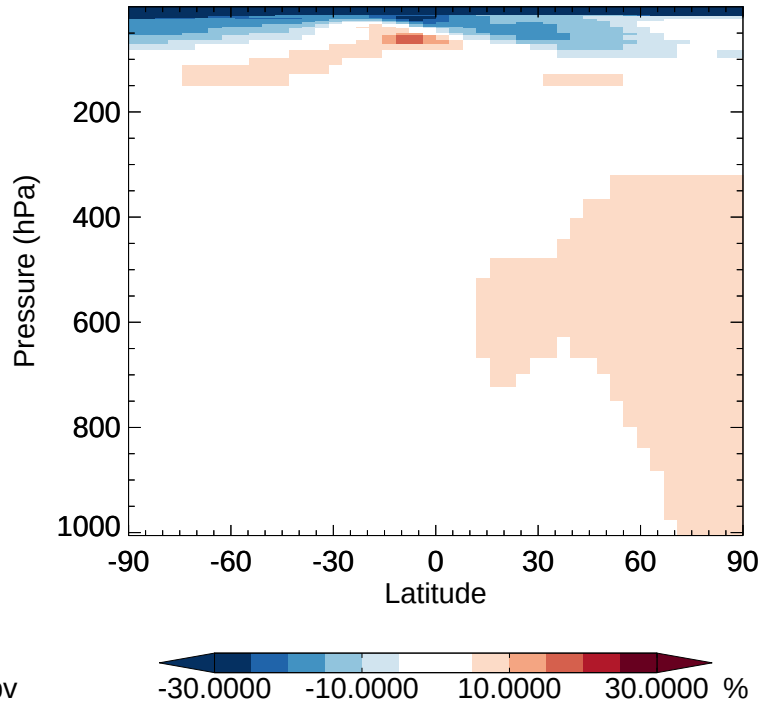
v11-02e-Run0 - v11-02d-Run1

BENZ - Zonal mean abs diff for Apr



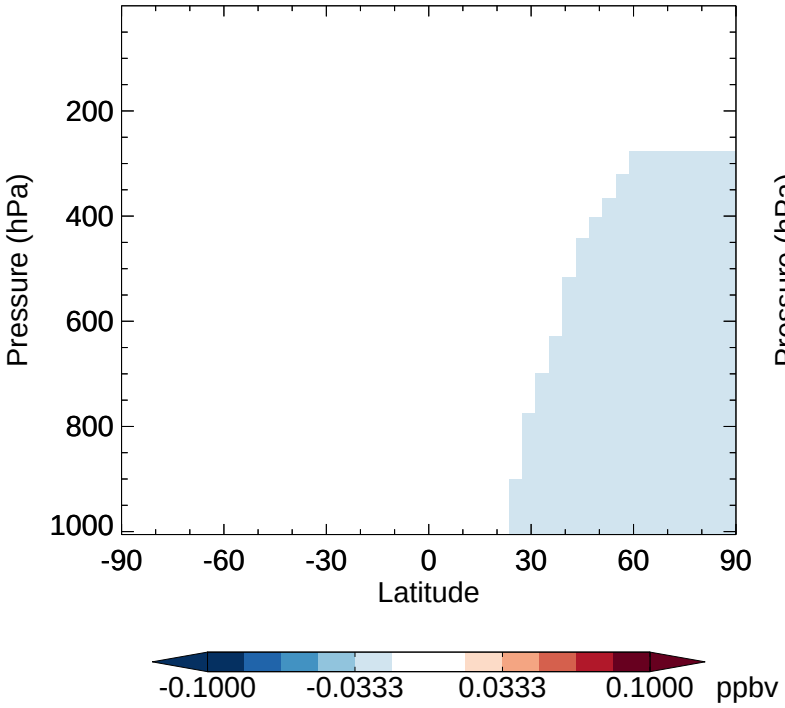
v11-02e-Run0 / v11-02d-Run1

BENZ - Zonal mean % diff for Apr



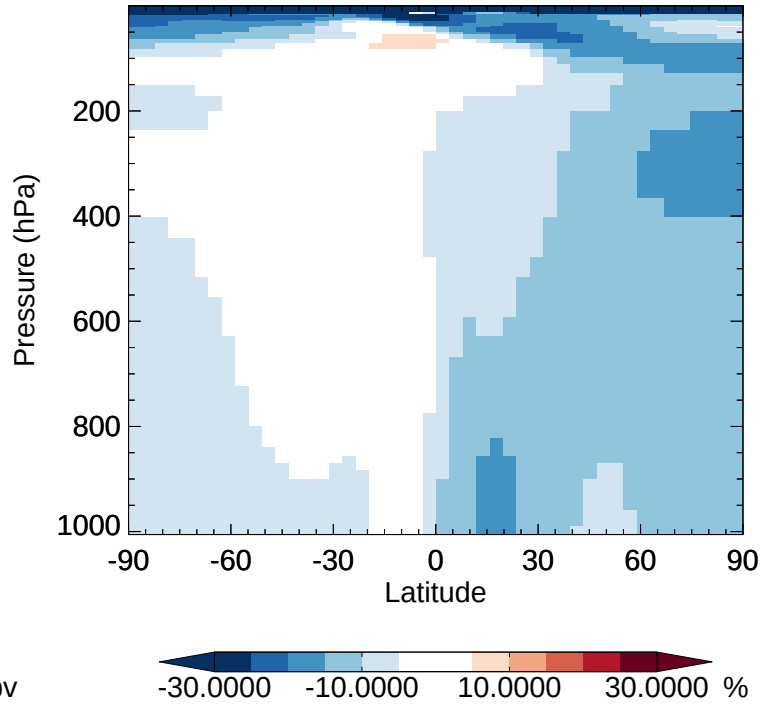
v11-02e-Run0 - v11-02c-Run0

BENZ - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

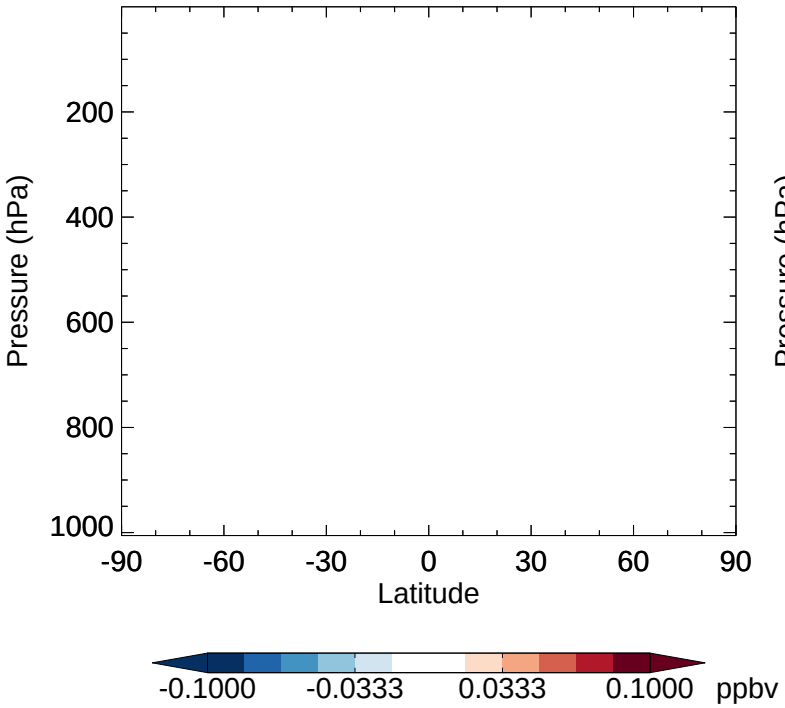
BENZ - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

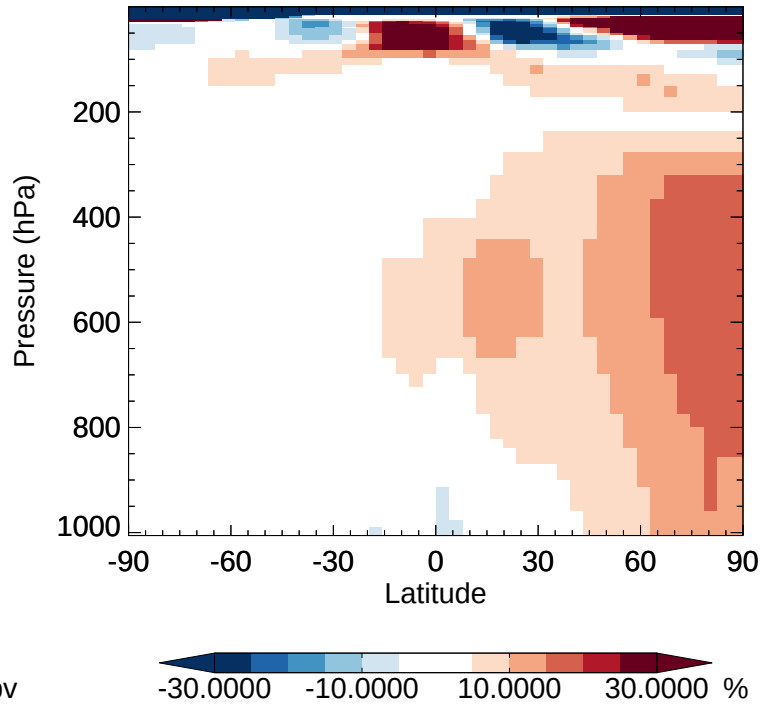
v11-02e-Run0 - v11-02d-Run1

TOLU - Zonal mean abs diff for Apr



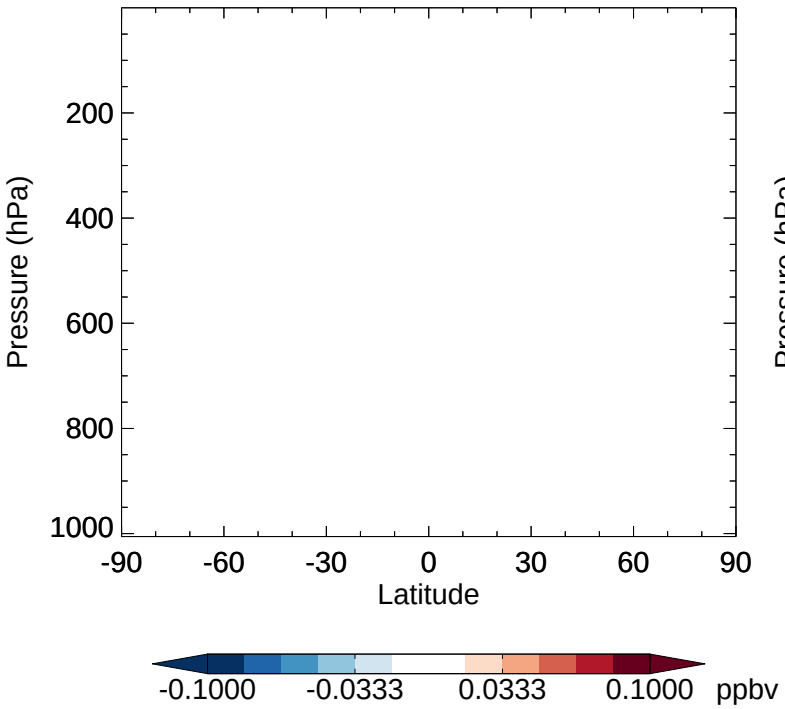
v11-02e-Run0 / v11-02d-Run1

TOLU - Zonal mean % diff for Apr



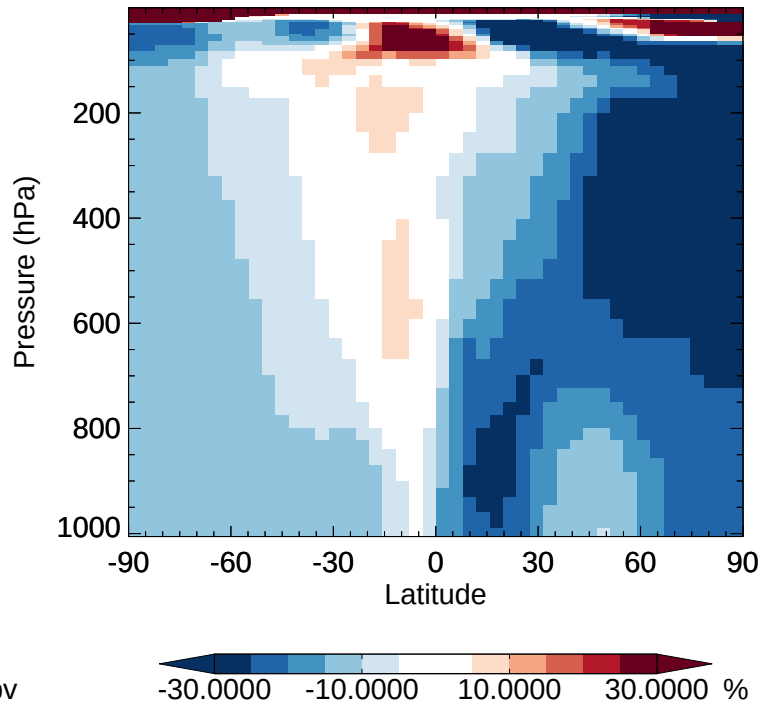
v11-02e-Run0 - v11-02c-Run0

TOLU - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

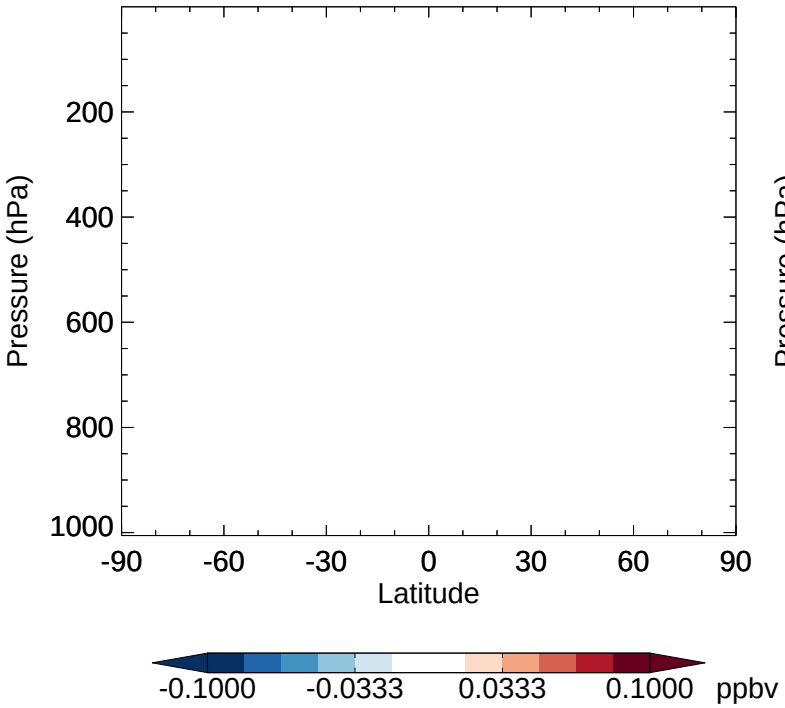
TOLU - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

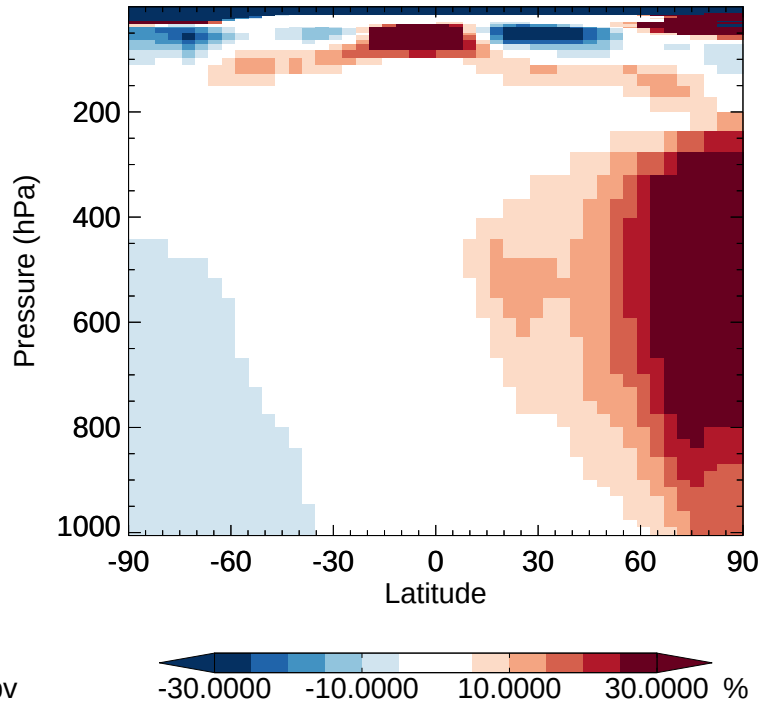
v11-02e-Run0 - v11-02d-Run1

XYLE - Zonal mean abs diff for Apr



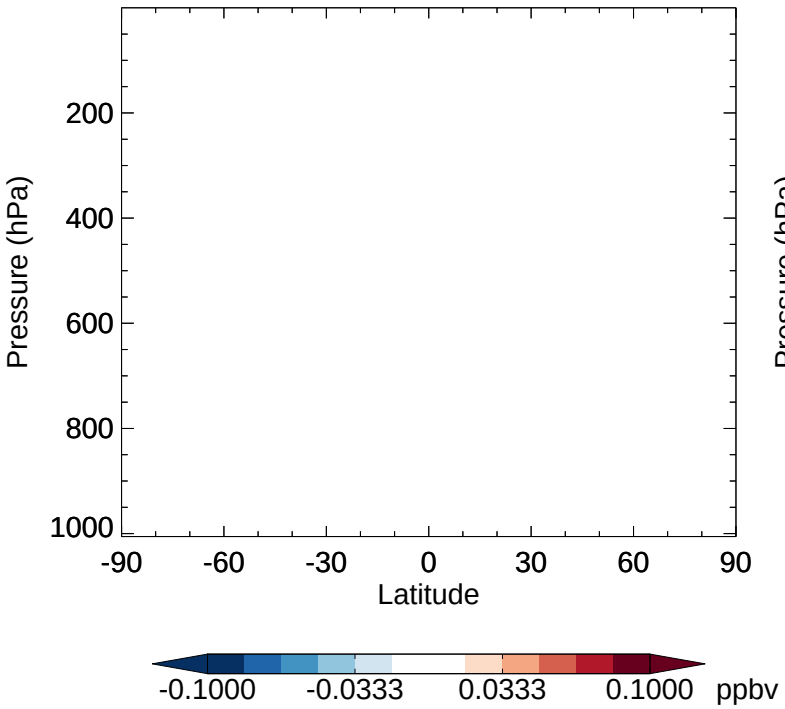
v11-02e-Run0 / v11-02d-Run1

XYLE - Zonal mean % diff for Apr



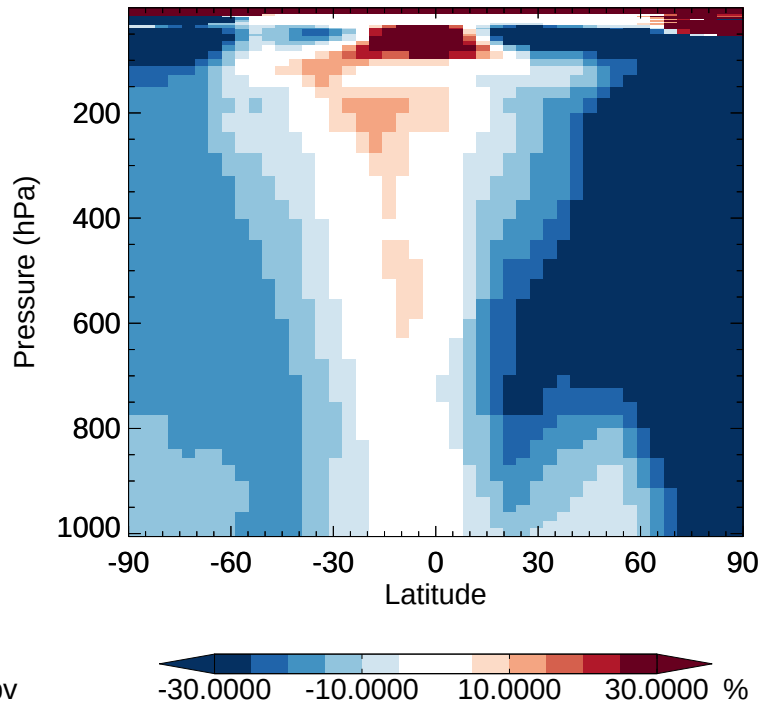
v11-02e-Run0 - v11-02c-Run0

XYLE - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

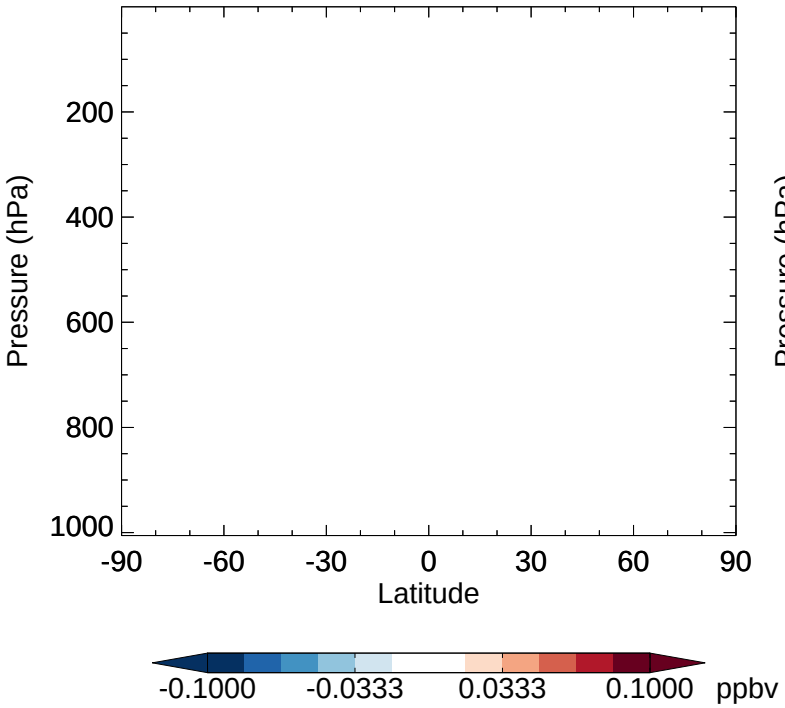
XYLE - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

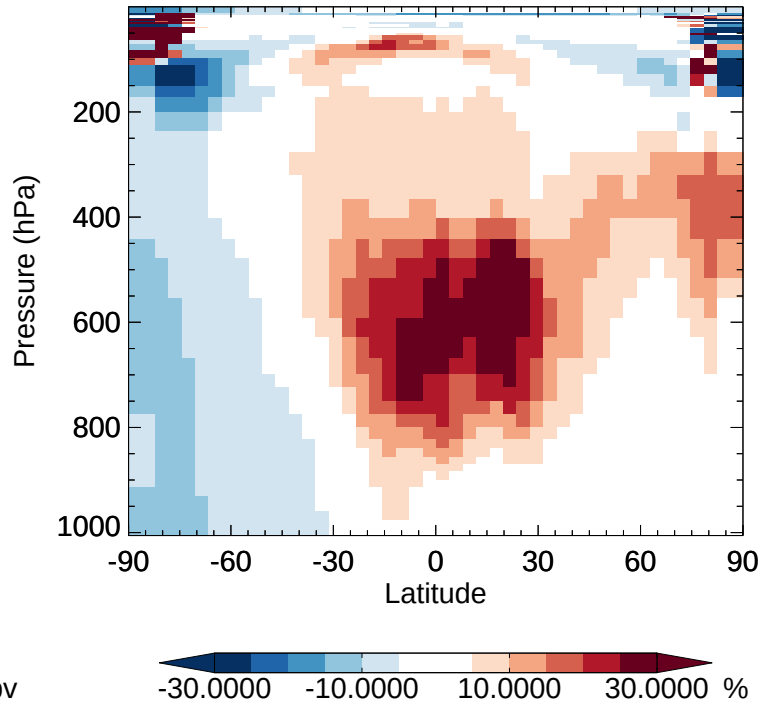
v11-02e-Run0 - v11-02d-Run1

MTPA - Zonal mean abs diff for Apr



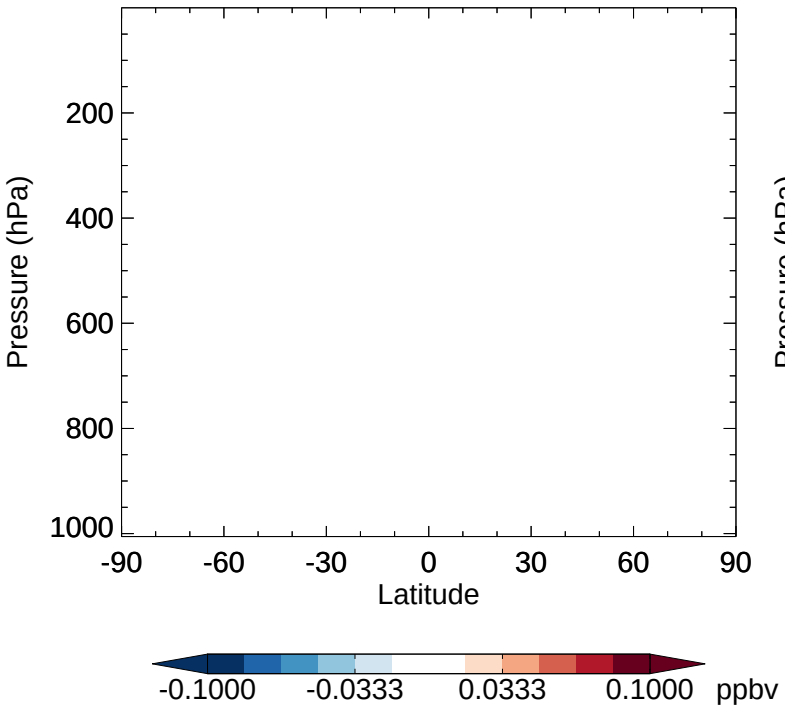
v11-02e-Run0 / v11-02d-Run1

MTPA - Zonal mean % diff for Apr



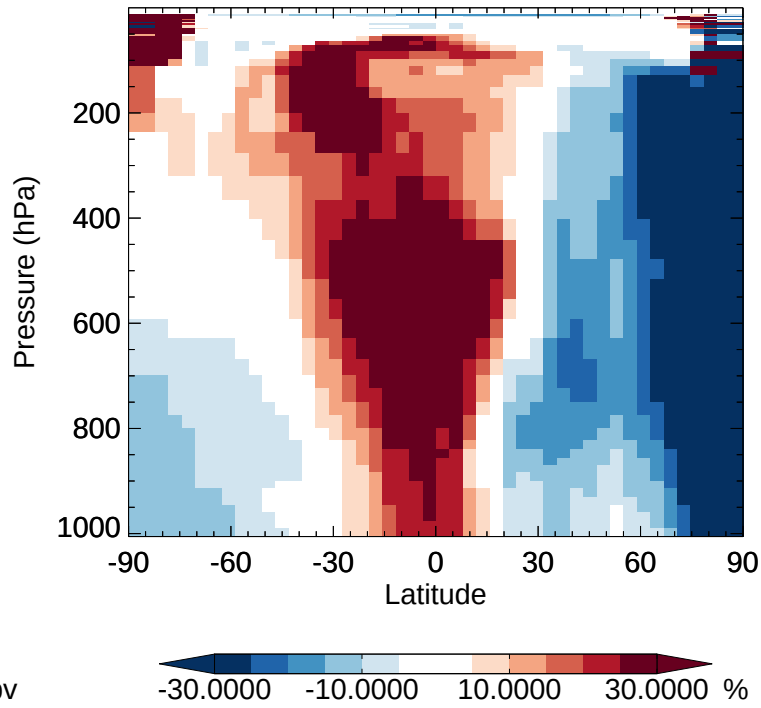
v11-02e-Run0 - v11-02c-Run0

MTPA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

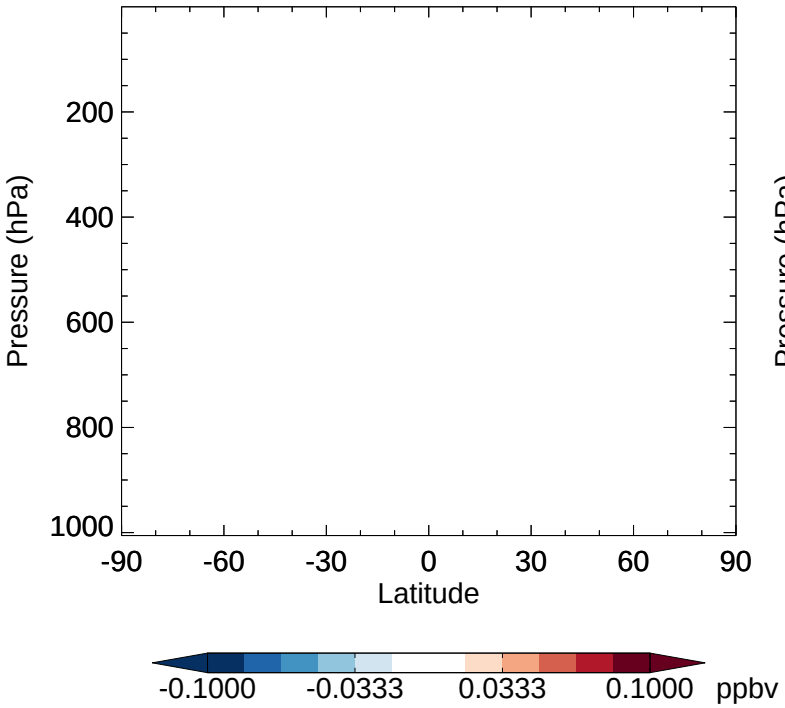
MTPA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

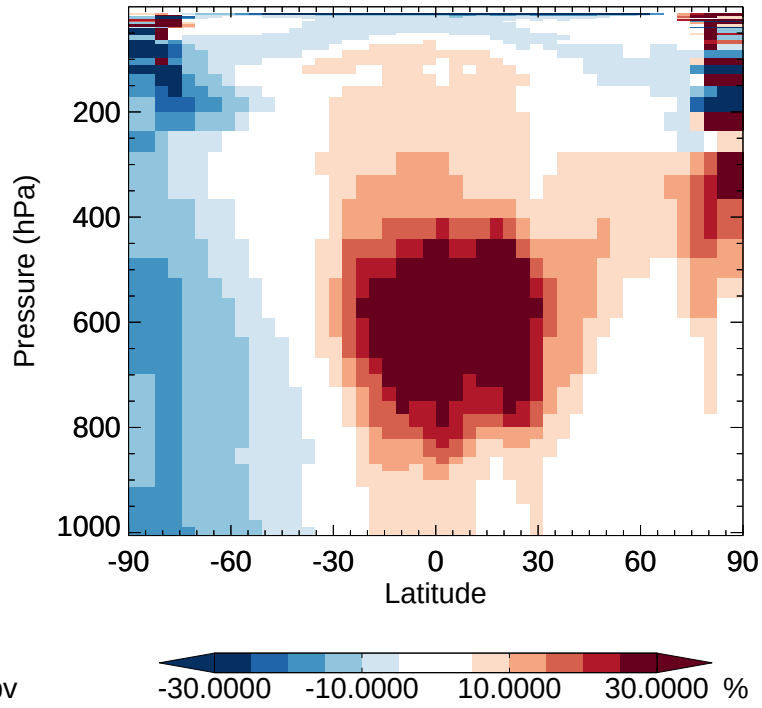
v11-02e-Run0 - v11-02d-Run1

LIMO - Zonal mean abs diff for Apr



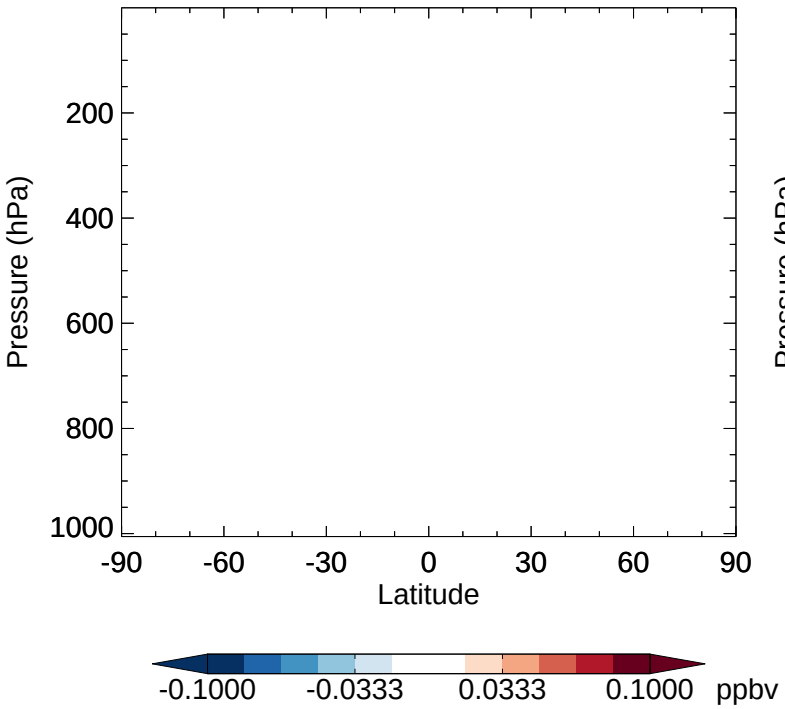
v11-02e-Run0 / v11-02d-Run1

LIMO - Zonal mean % diff for Apr



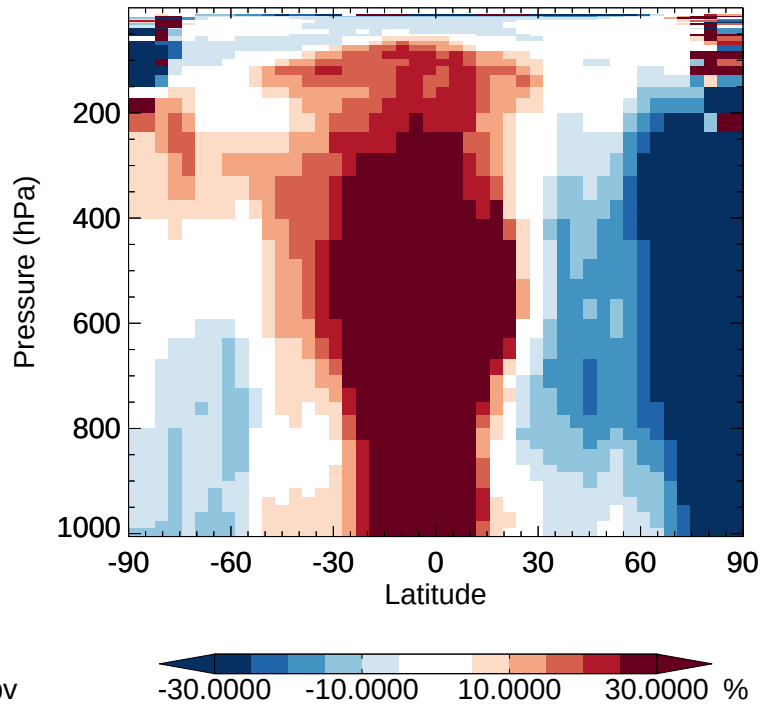
v11-02e-Run0 - v11-02c-Run0

LIMO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

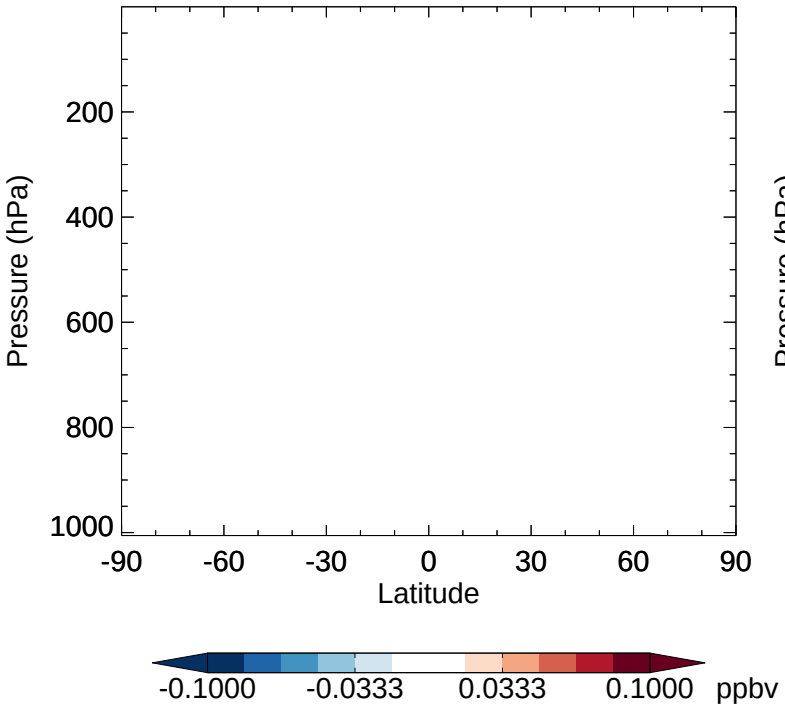
LIMO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

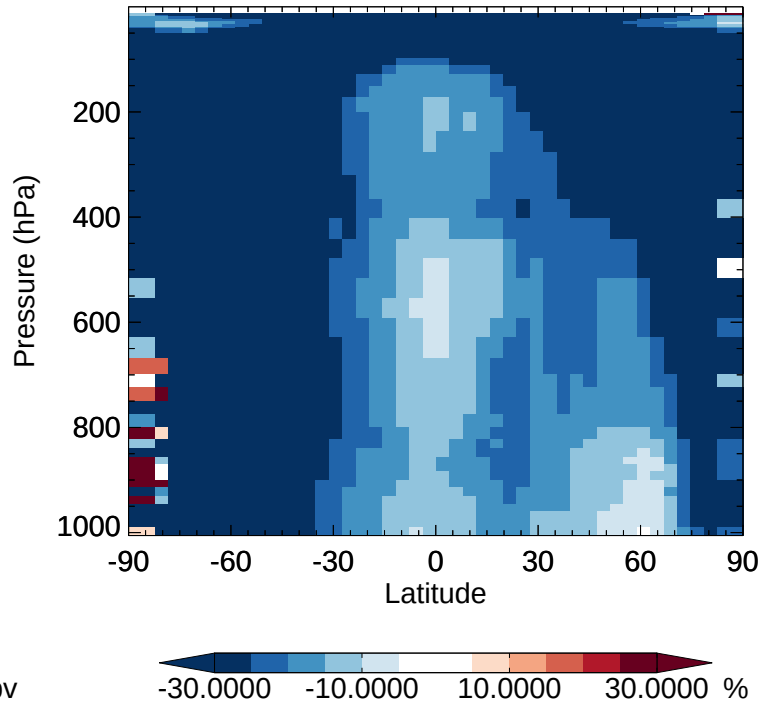
v11-02e-Run0 - v11-02d-Run1

MTPO - Zonal mean abs diff for Apr



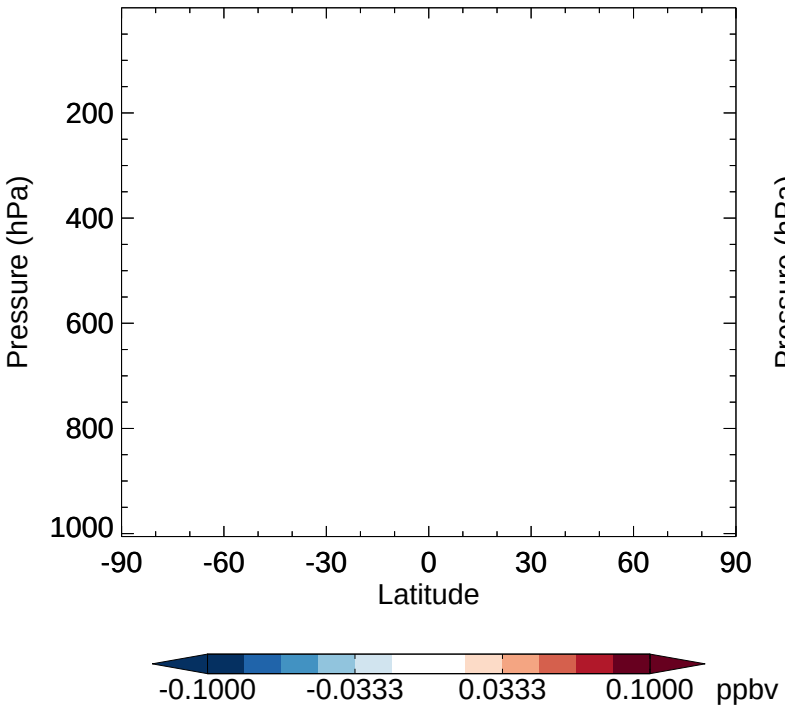
v11-02e-Run0 / v11-02d-Run1

MTPO - Zonal mean % diff for Apr



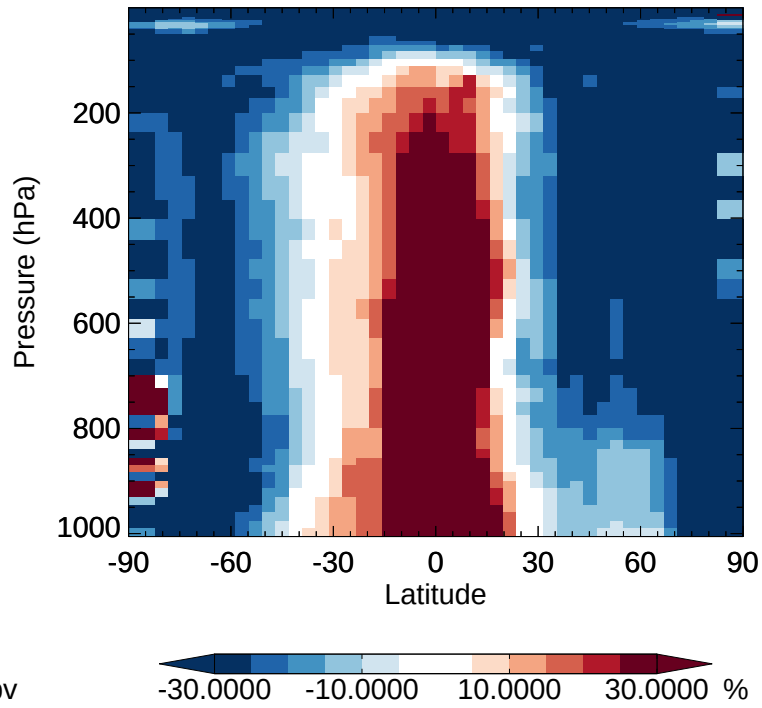
v11-02e-Run0 - v11-02c-Run0

MTPO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

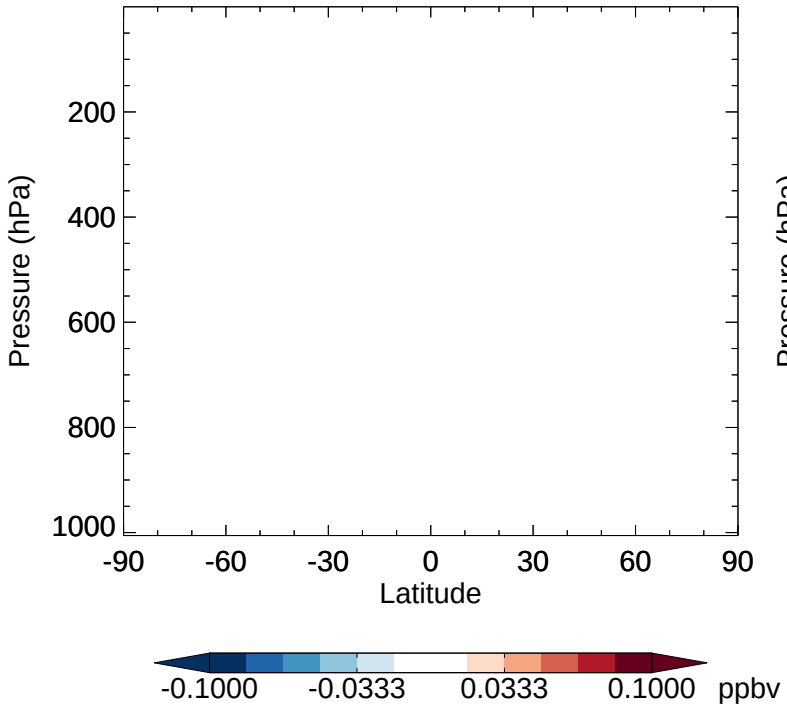
MTPO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

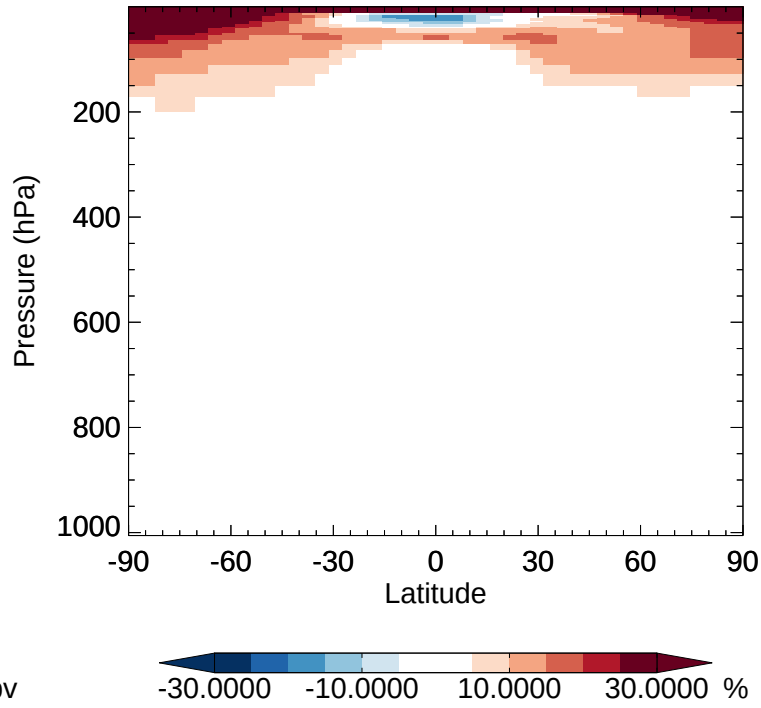
v11-02e-Run0 - v11-02d-Run1

TSOG1 - Zonal mean abs diff for Apr



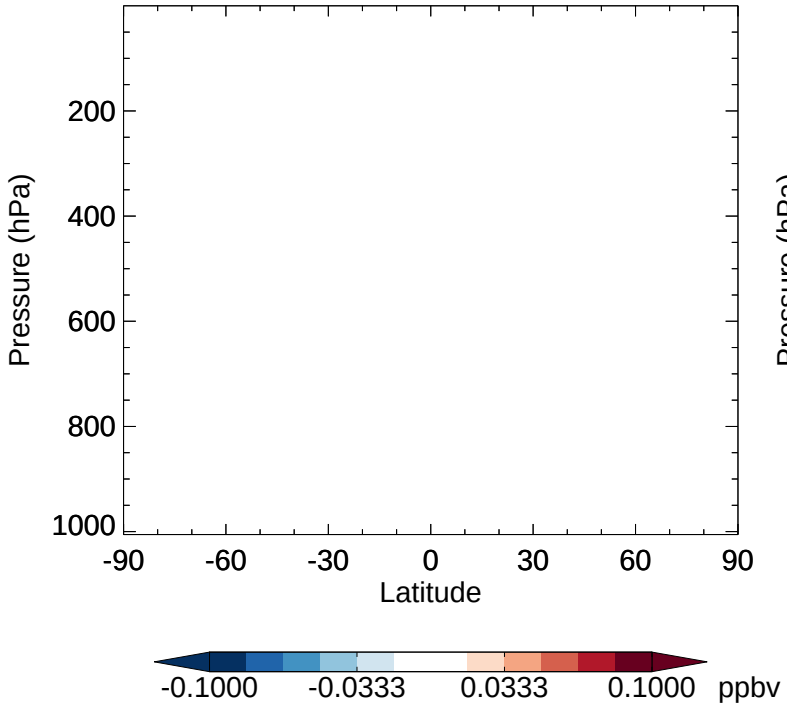
v11-02e-Run0 / v11-02d-Run1

TSOG1 - Zonal mean % diff for Apr



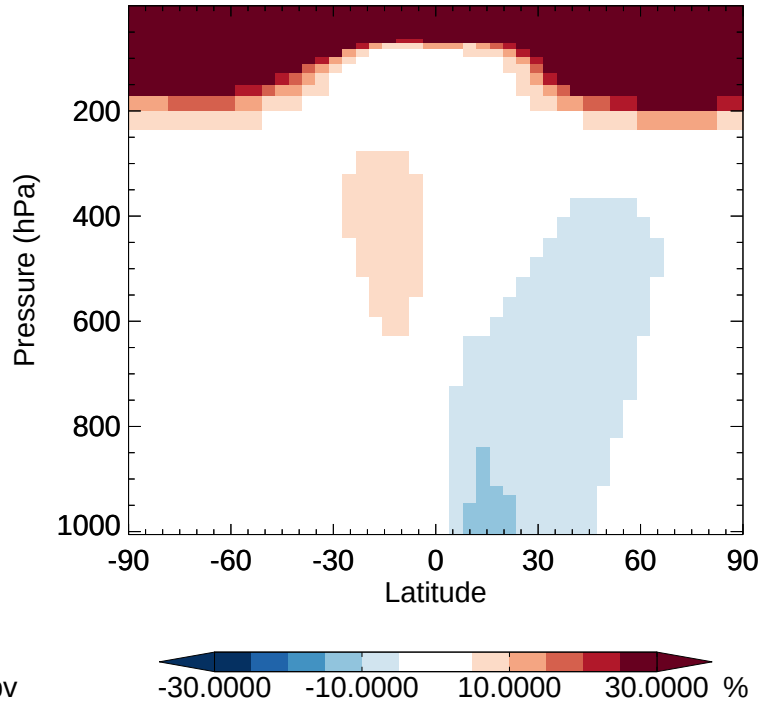
v11-02e-Run0 - v11-02c-Run0

TSOG1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

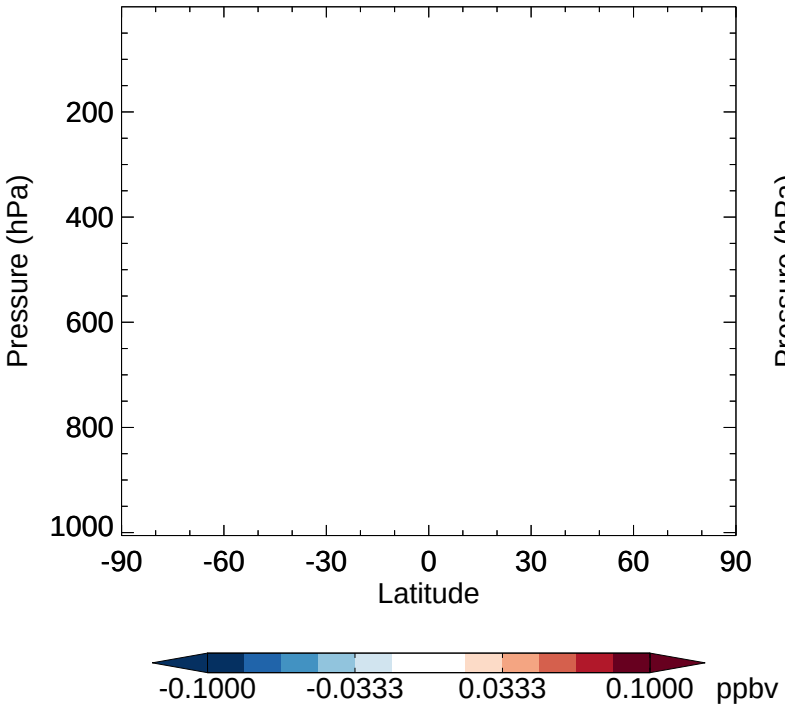
TSOG1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

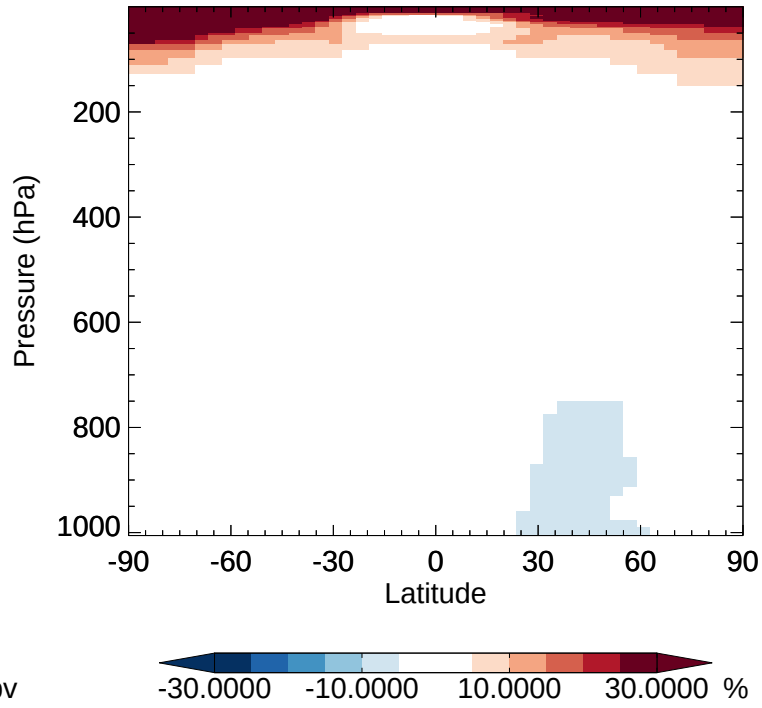
v11-02e-Run0 - v11-02d-Run1

TSOG2 - Zonal mean abs diff for Apr



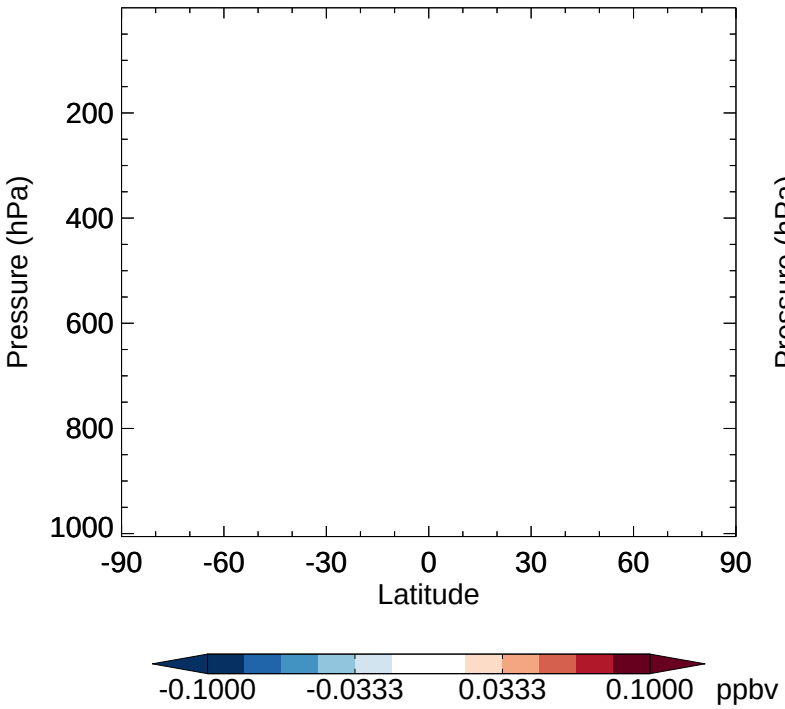
v11-02e-Run0 / v11-02d-Run1

TSOG2 - Zonal mean % diff for Apr



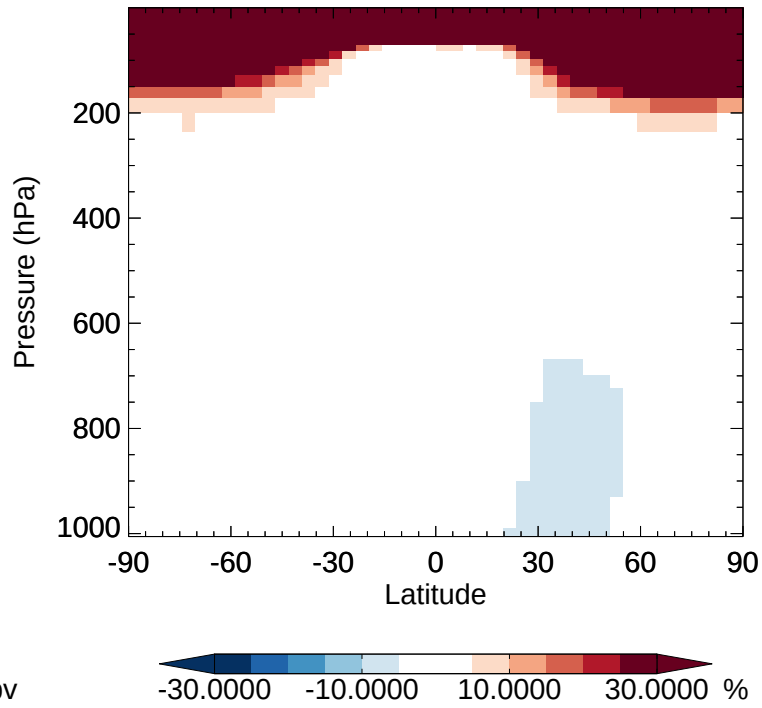
v11-02e-Run0 - v11-02c-Run0

TSOG2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

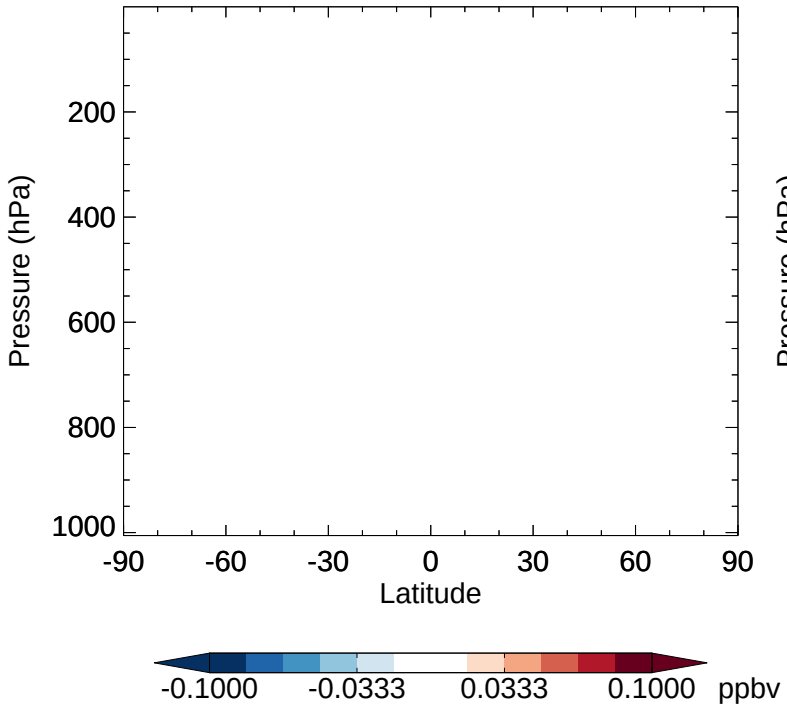
TSOG2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

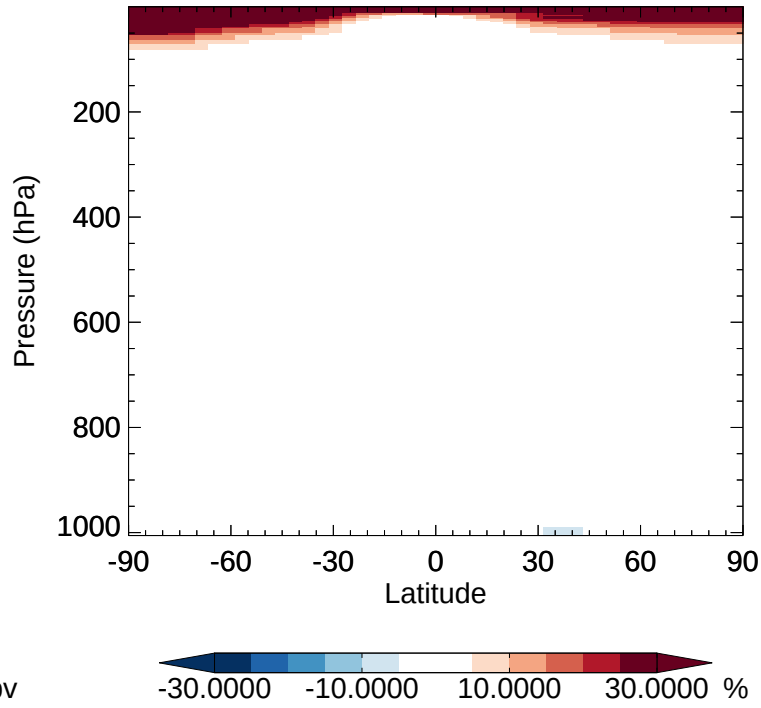
v11-02e-Run0 - v11-02d-Run1

TSOG3 - Zonal mean abs diff for Apr



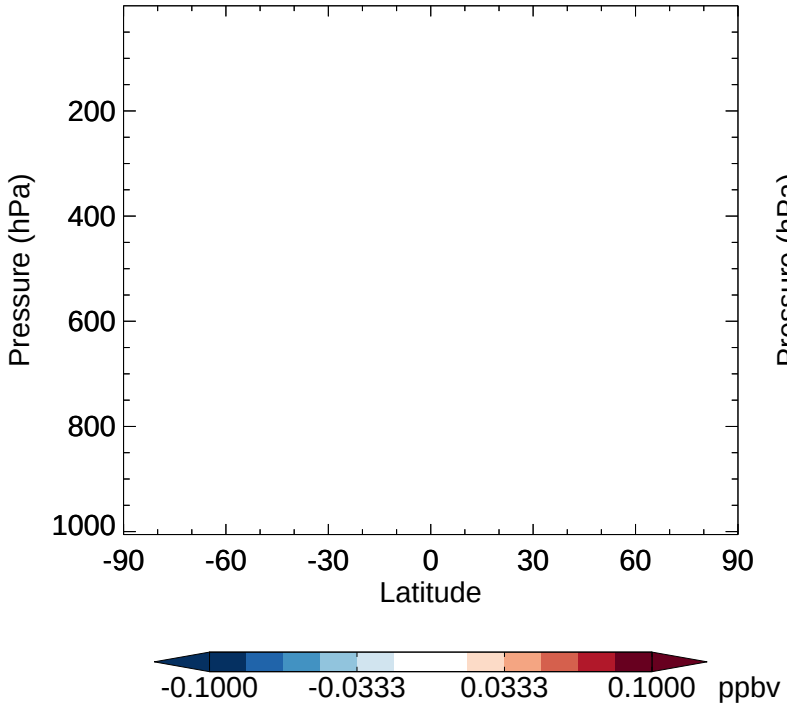
v11-02e-Run0 / v11-02d-Run1

TSOG3 - Zonal mean % diff for Apr



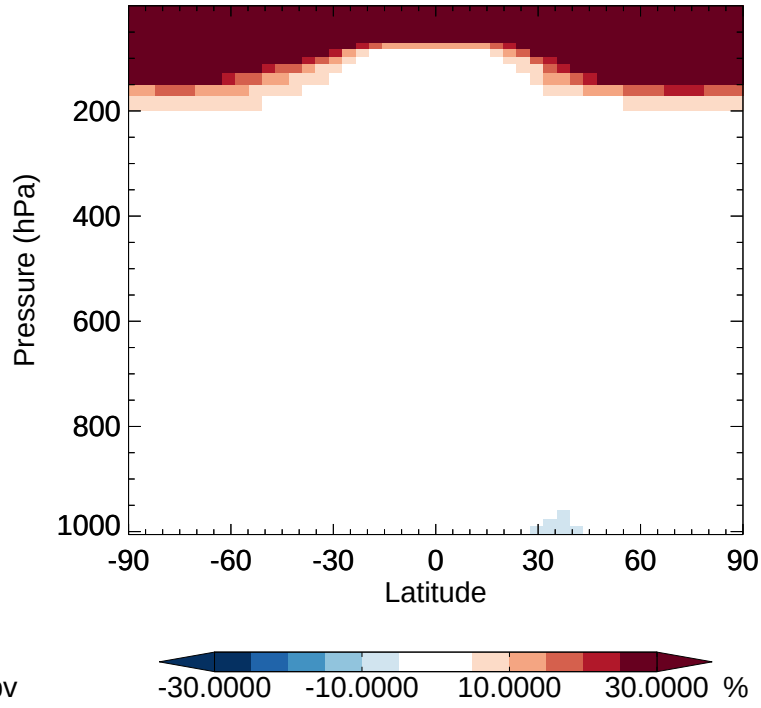
v11-02e-Run0 - v11-02c-Run0

TSOG3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

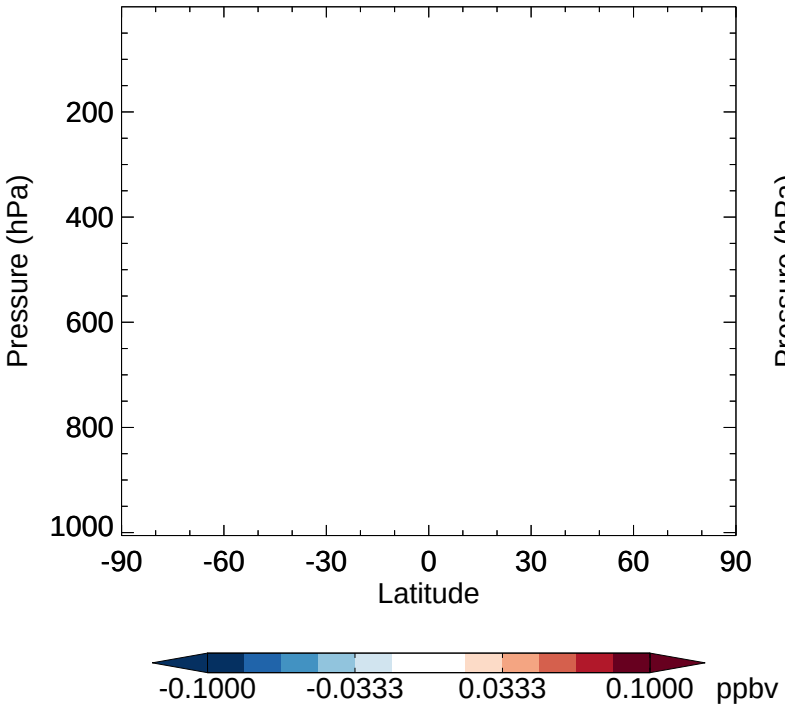
TSOG3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

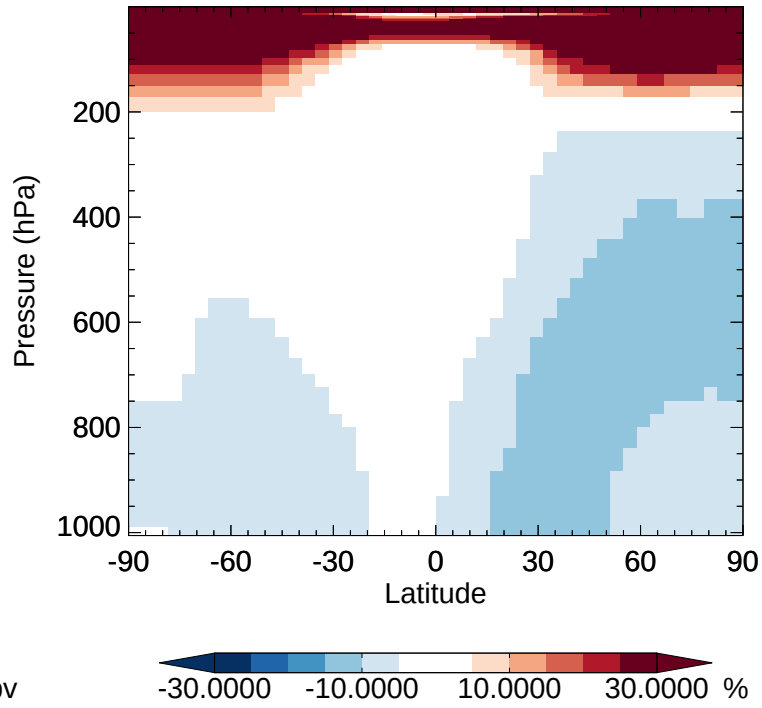
v11-02e-Run0 - v11-02d-Run1

TSOG0 - Zonal mean abs diff for Apr



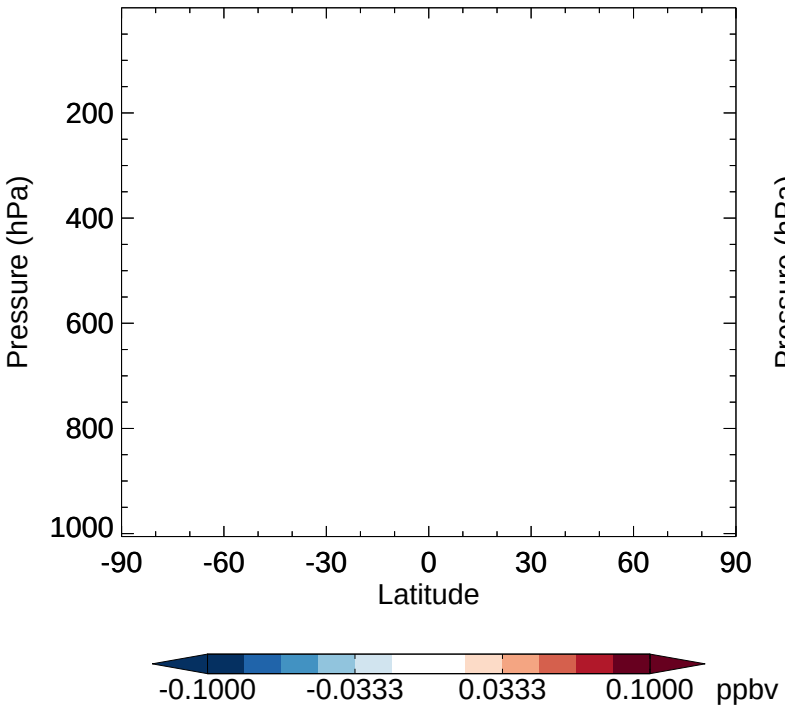
v11-02e-Run0 / v11-02d-Run1

TSOG0 - Zonal mean % diff for Apr



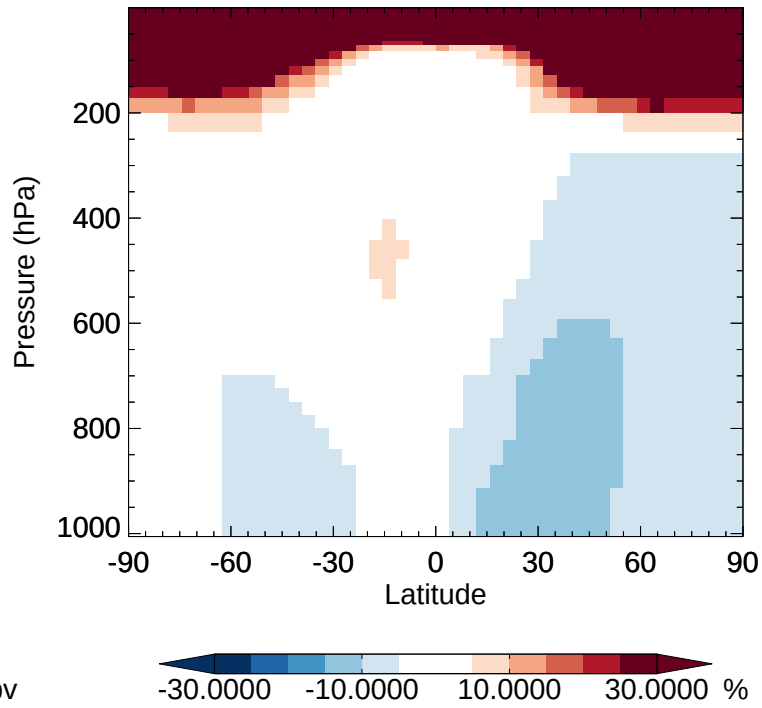
v11-02e-Run0 - v11-02c-Run0

TSOG0 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

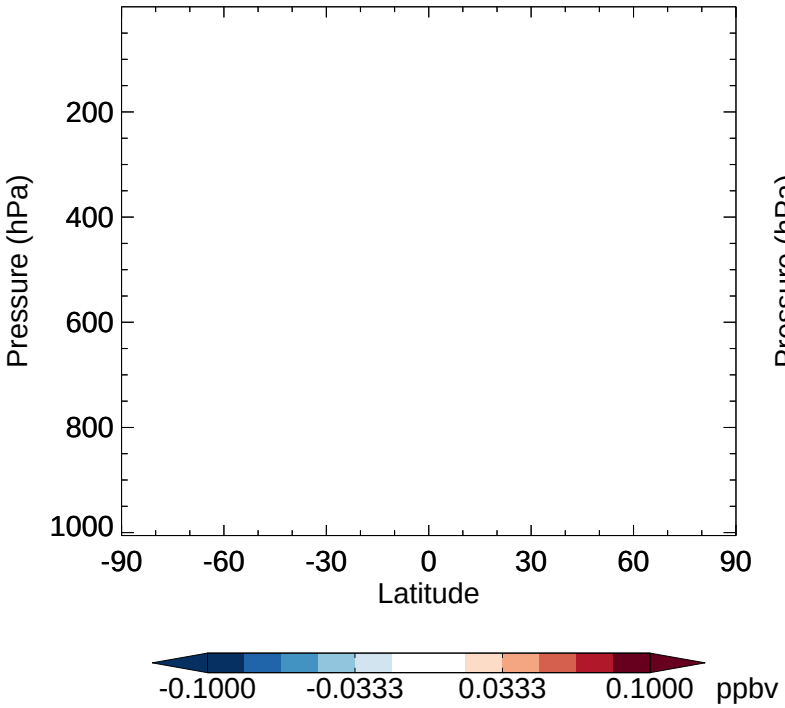
TSOG0 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

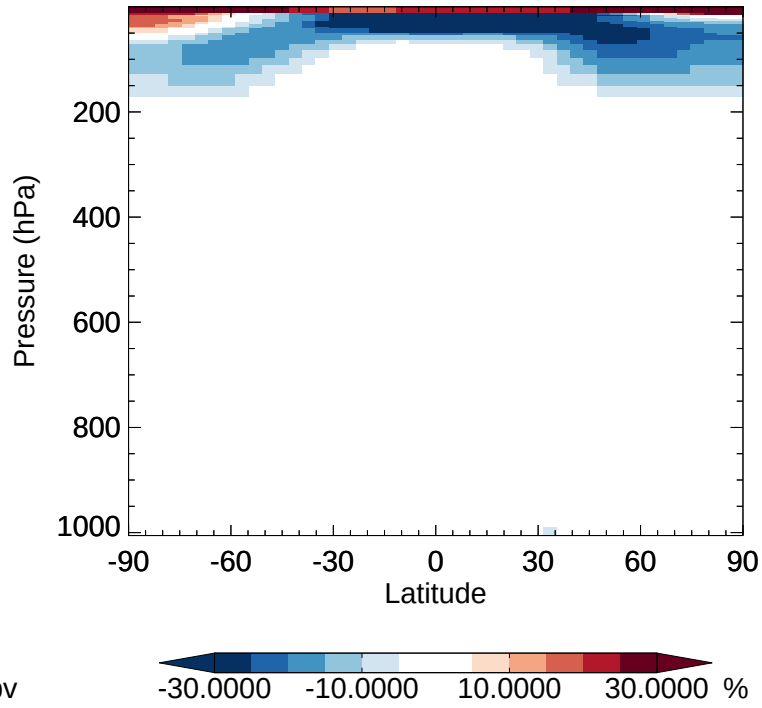
v11-02e-Run0 - v11-02d-Run1

TSOA1 - Zonal mean abs diff for Apr



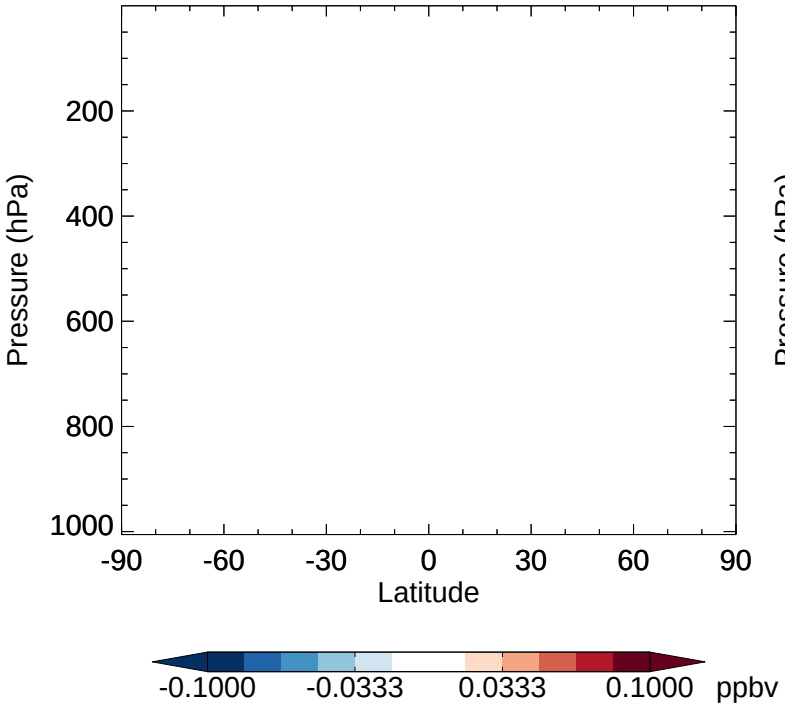
v11-02e-Run0 / v11-02d-Run1

TSOA1 - Zonal mean % diff for Apr



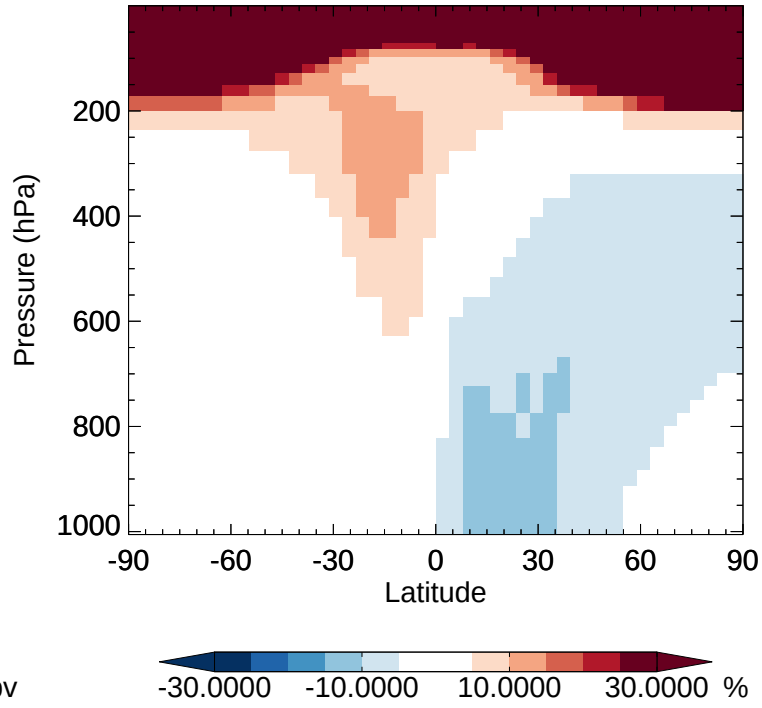
v11-02e-Run0 - v11-02c-Run0

TSOA1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

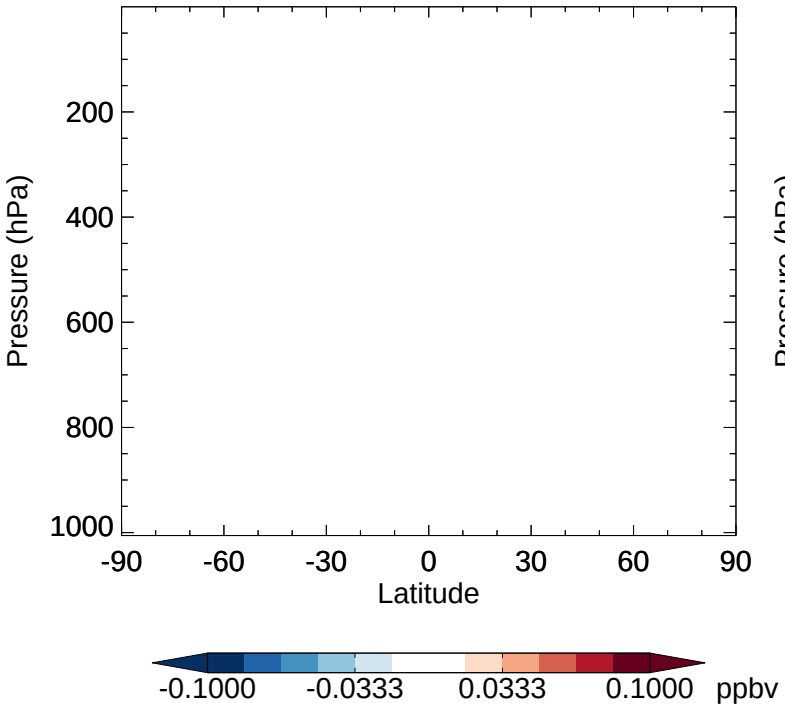
TSOA1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

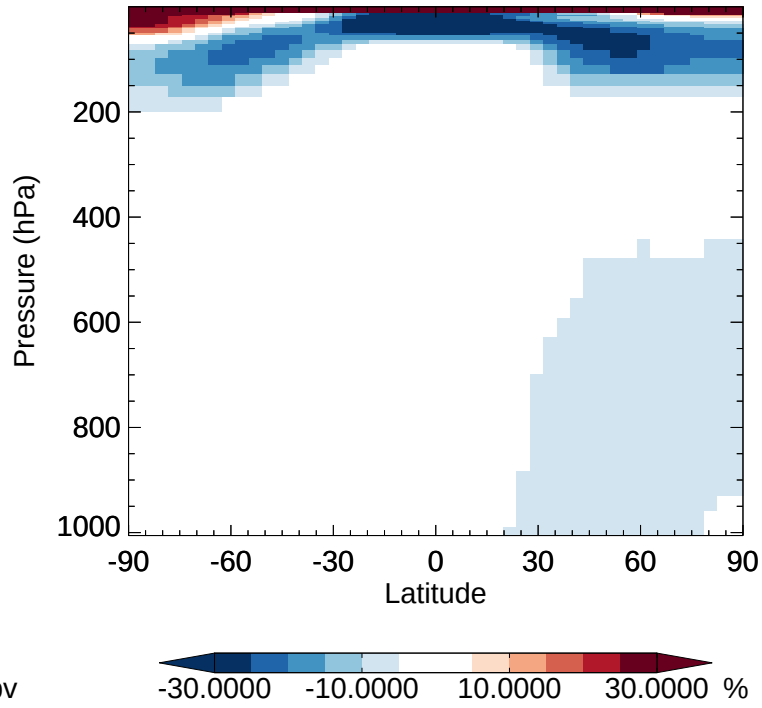
v11-02e-Run0 - v11-02d-Run1

TSOA2 - Zonal mean abs diff for Apr



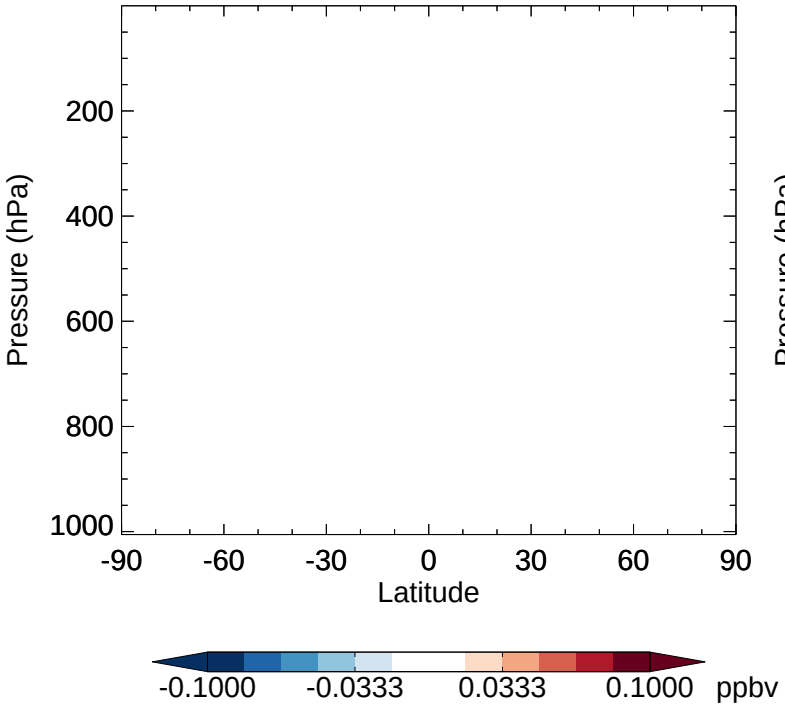
v11-02e-Run0 / v11-02d-Run1

TSOA2 - Zonal mean % diff for Apr



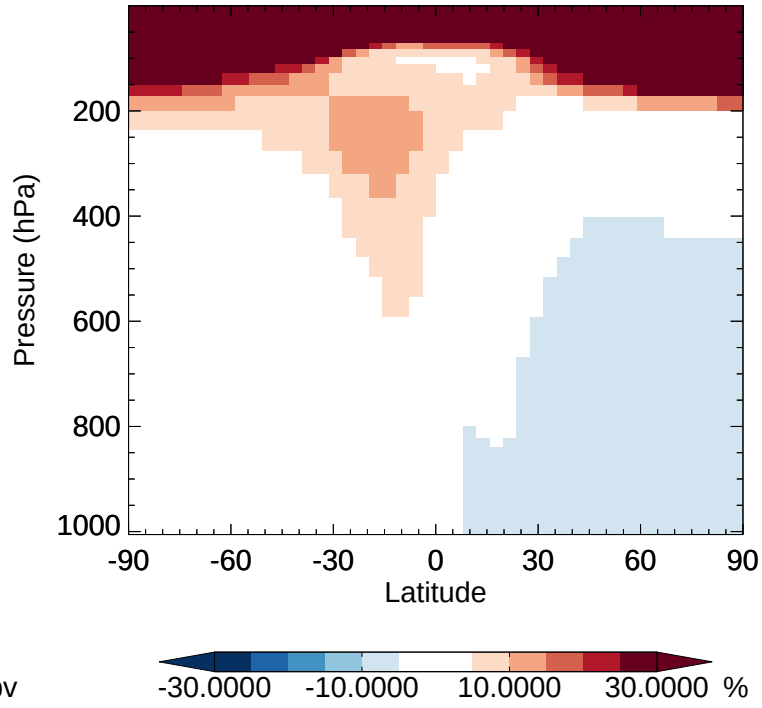
v11-02e-Run0 - v11-02c-Run0

TSOA2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

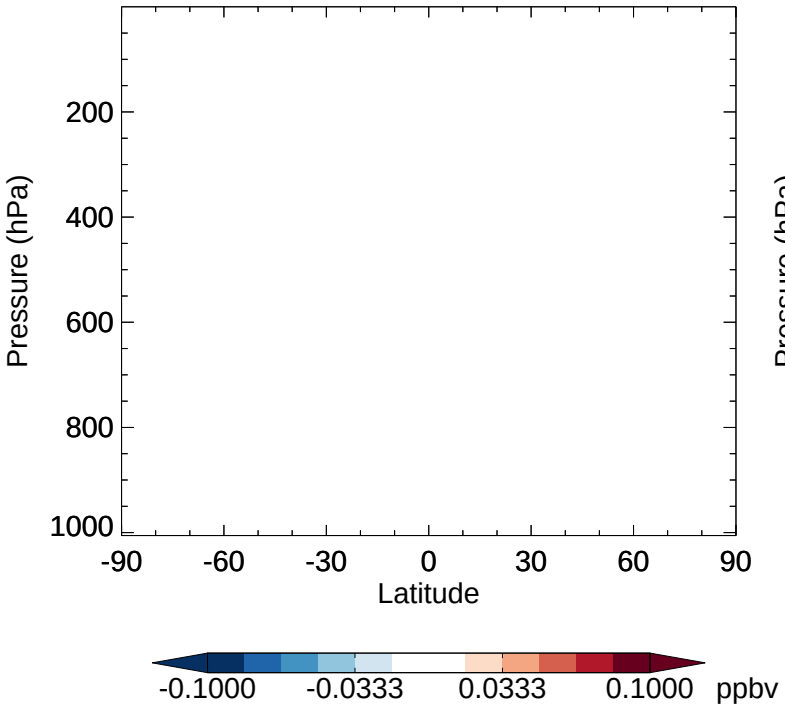
TSOA2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

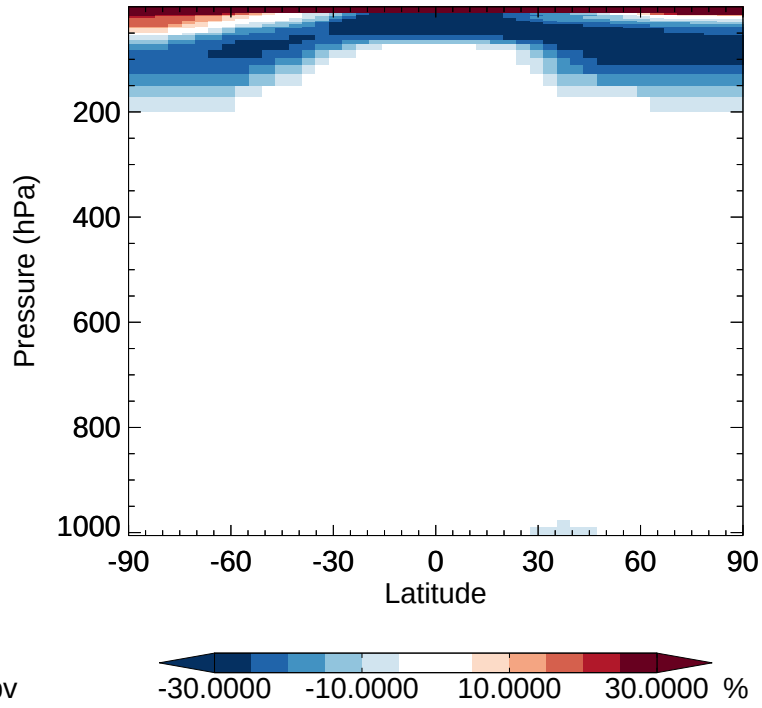
v11-02e-Run0 - v11-02d-Run1

TSOA3 - Zonal mean abs diff for Apr



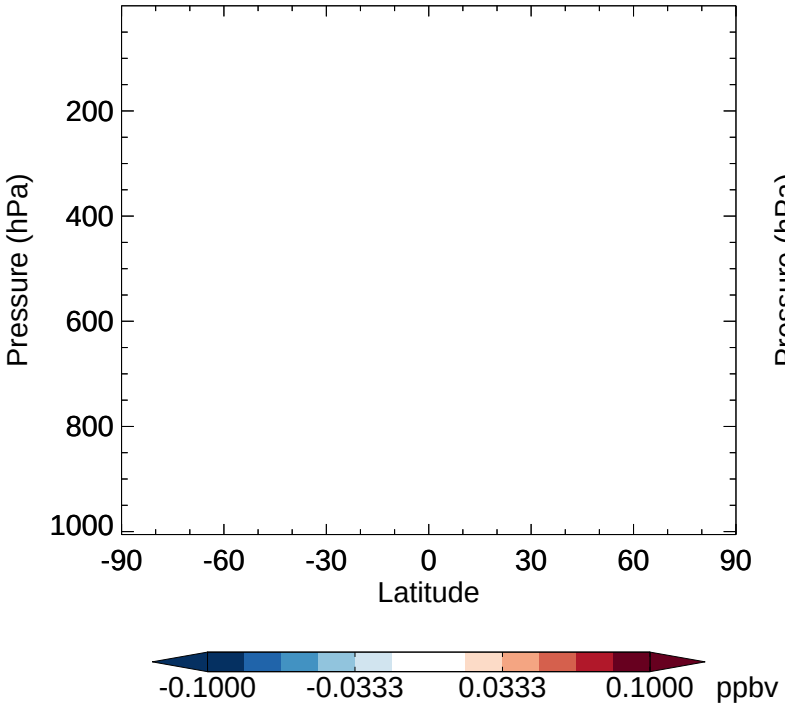
v11-02e-Run0 / v11-02d-Run1

TSOA3 - Zonal mean % diff for Apr



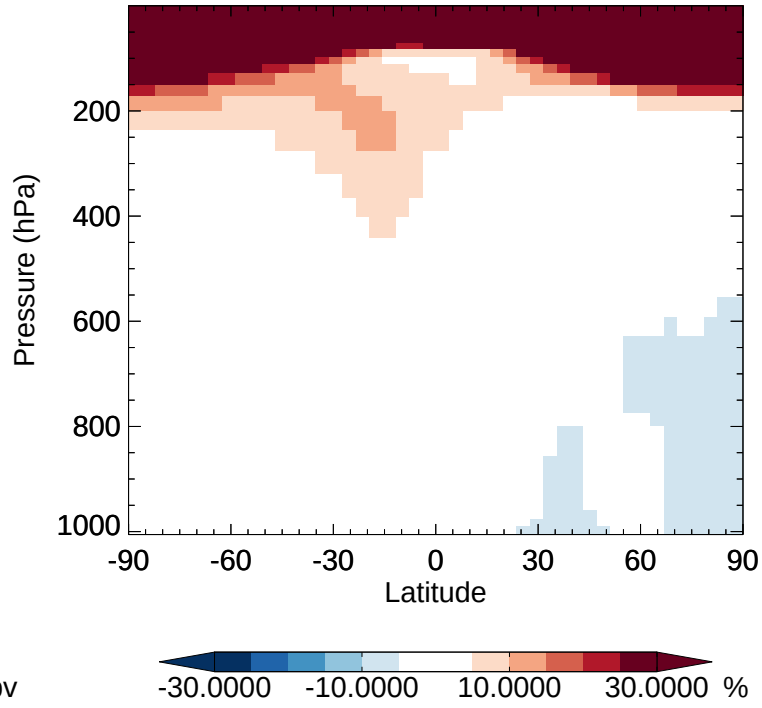
v11-02e-Run0 - v11-02c-Run0

TSOA3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

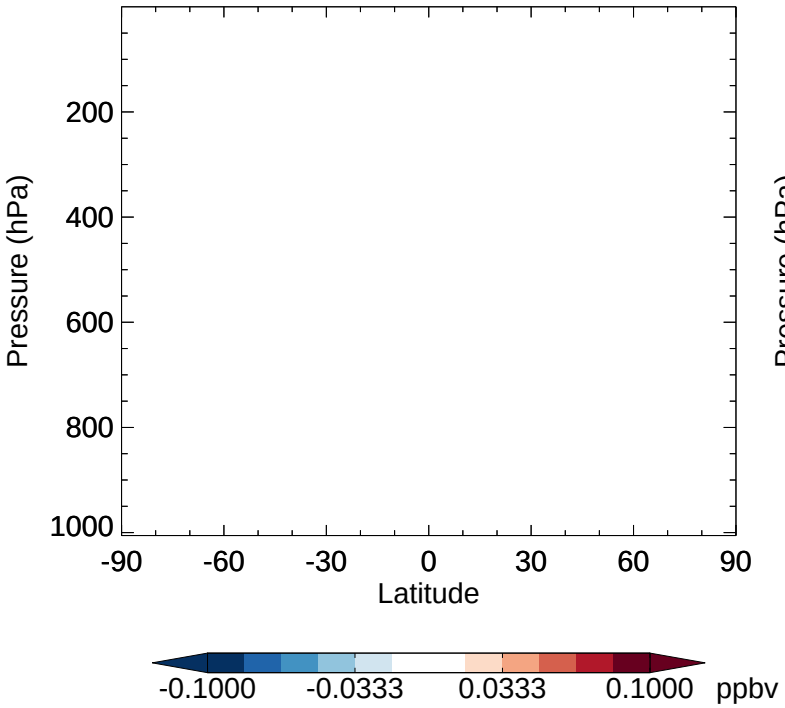
TSOA3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

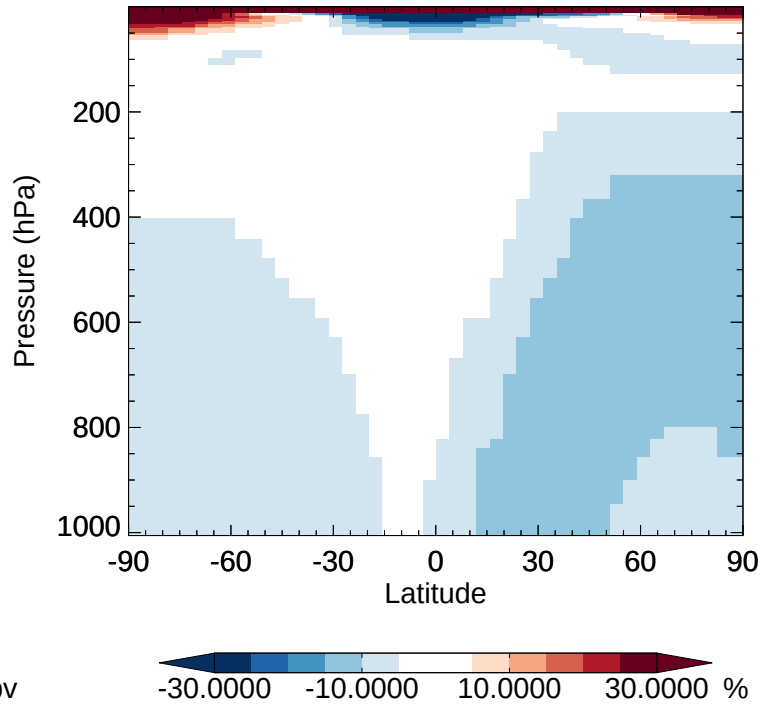
v11-02e-Run0 - v11-02d-Run1

TSOA0 - Zonal mean abs diff for Apr



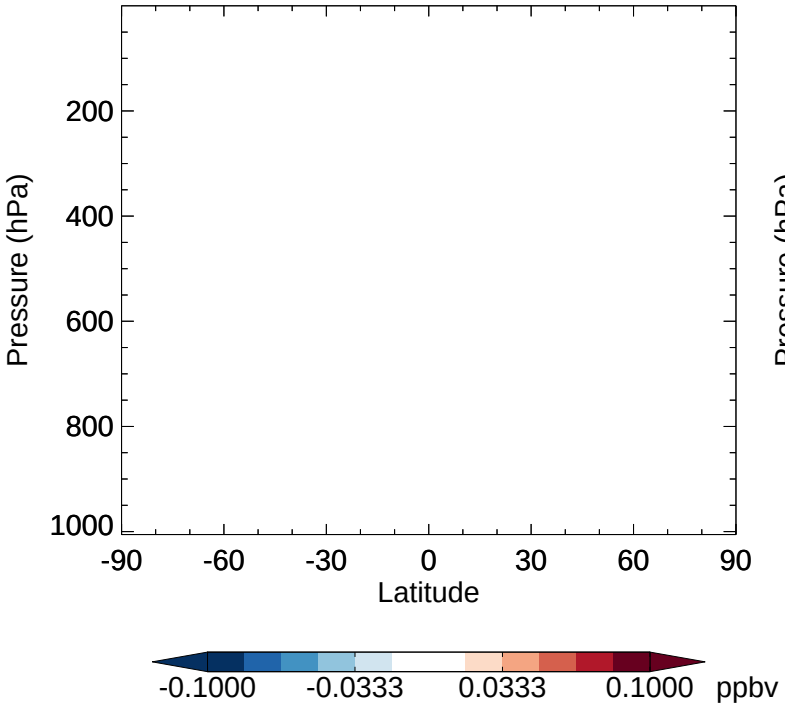
v11-02e-Run0 / v11-02d-Run1

TSOA0 - Zonal mean % diff for Apr



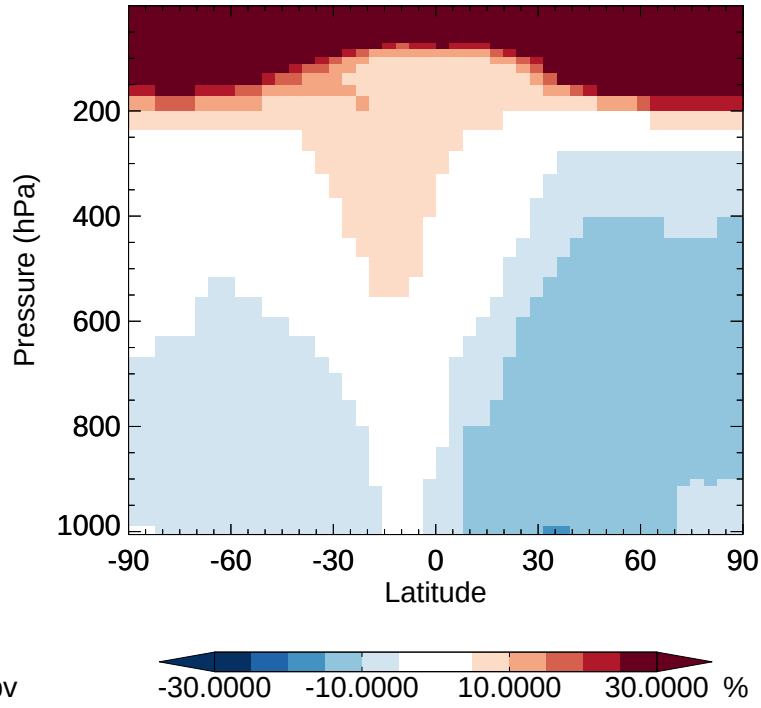
v11-02e-Run0 - v11-02c-Run0

TSOA0 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

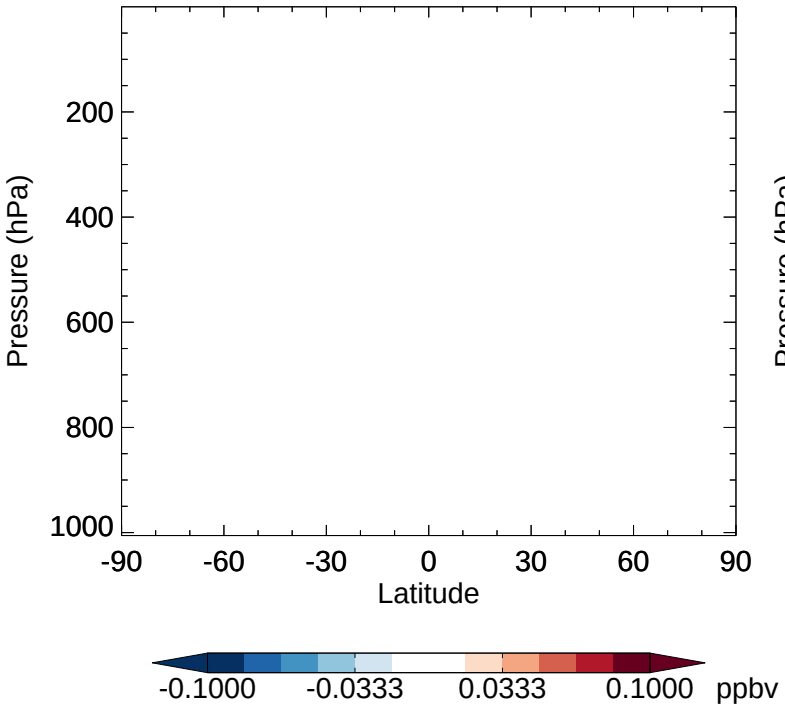
TSOA0 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

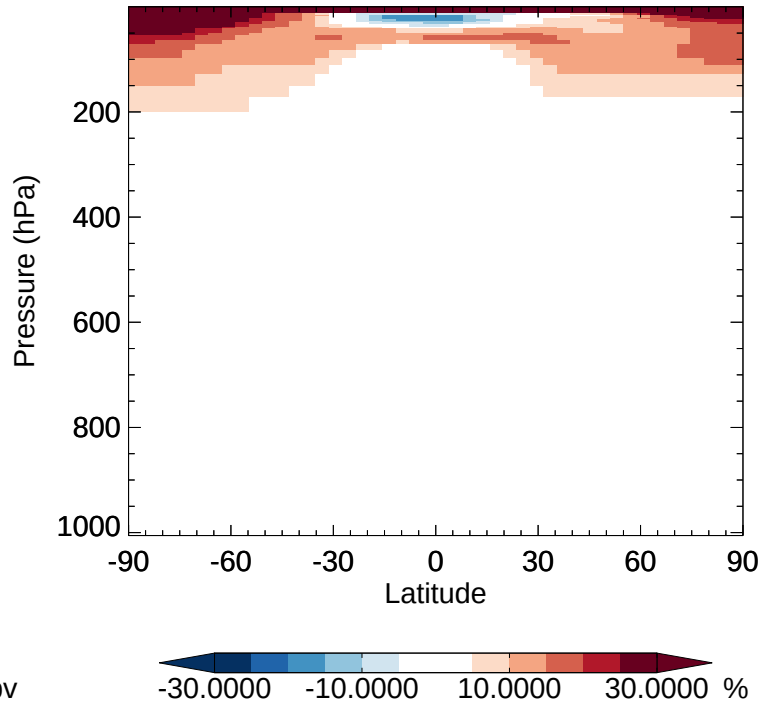
v11-02e-Run0 - v11-02d-Run1

ISOG1 - Zonal mean abs diff for Apr



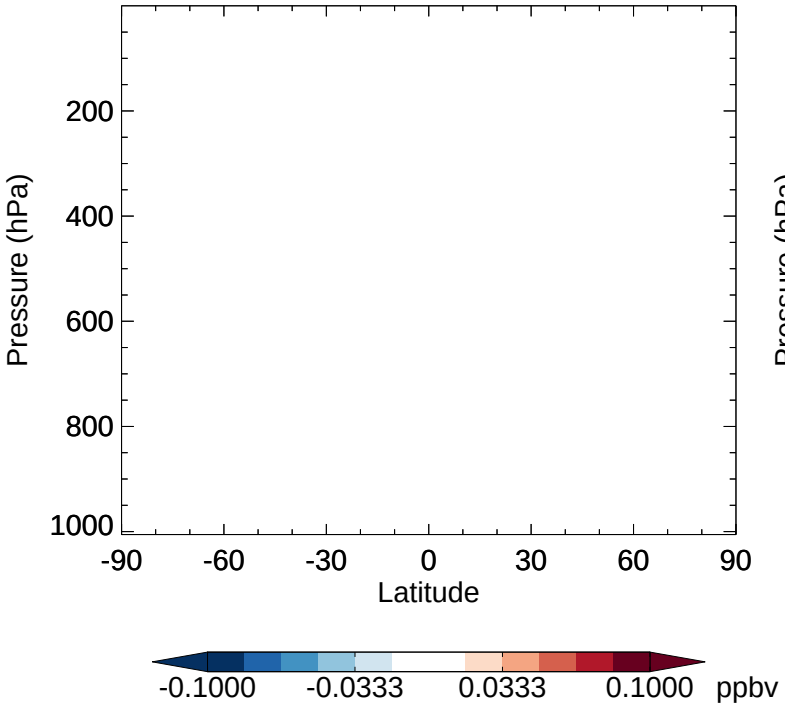
v11-02e-Run0 / v11-02d-Run1

ISOG1 - Zonal mean % diff for Apr



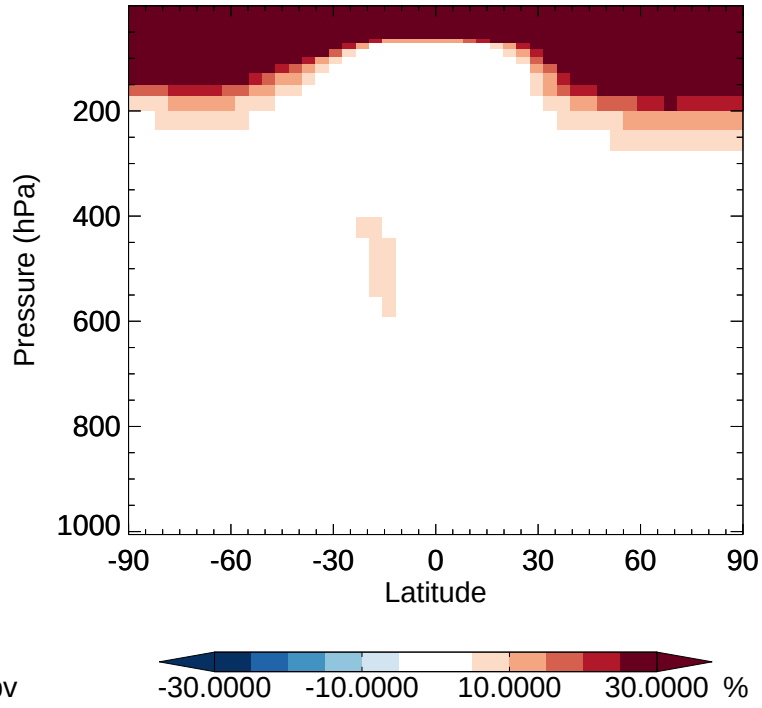
v11-02e-Run0 - v11-02c-Run0

ISOG1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

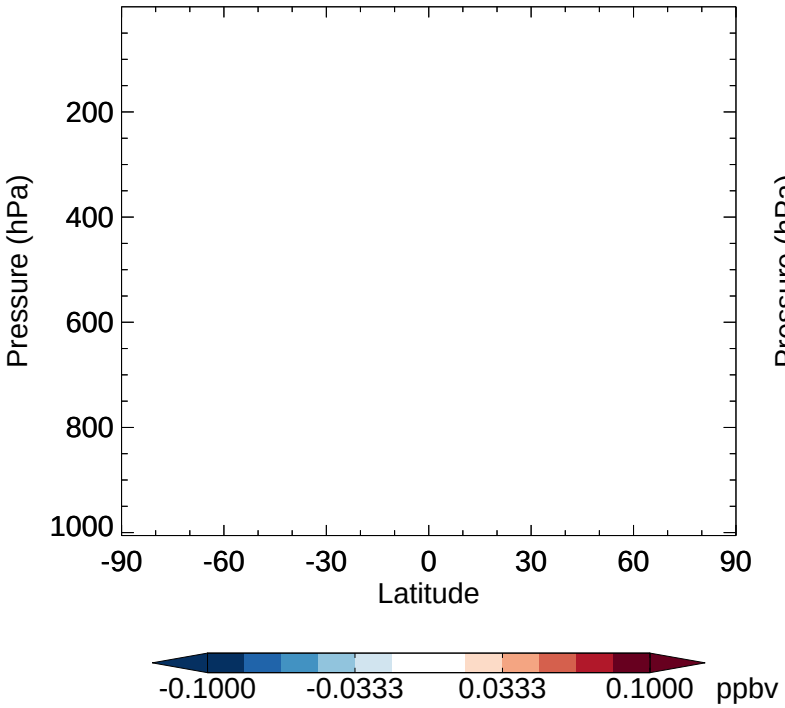
ISOG1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

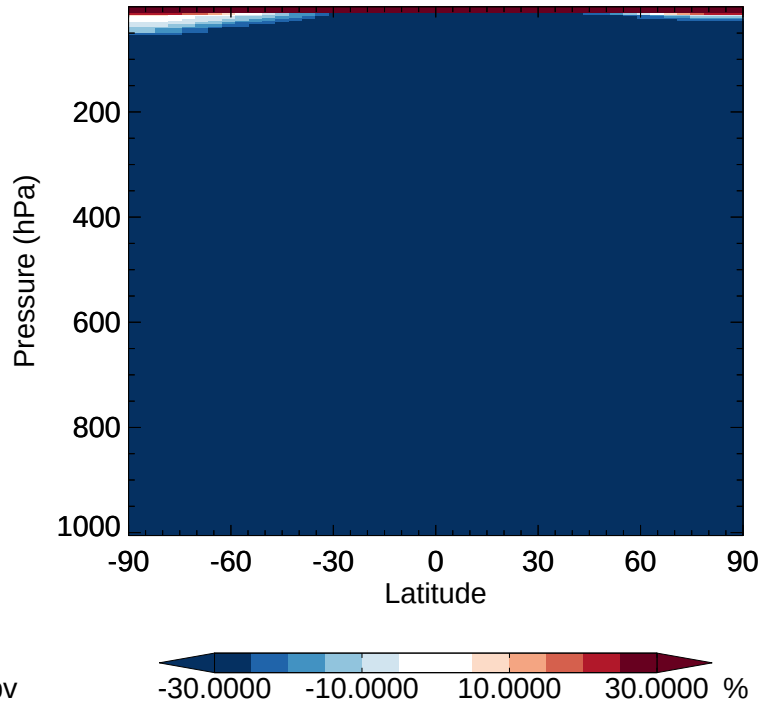
v11-02e-Run0 - v11-02d-Run1

ISOG2 - Zonal mean abs diff for Apr



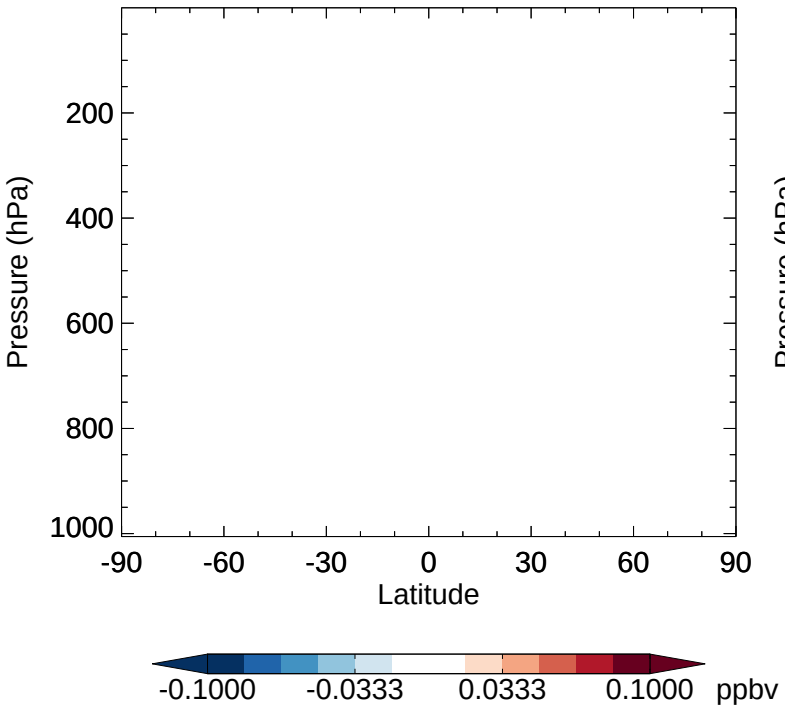
v11-02e-Run0 / v11-02d-Run1

ISOG2 - Zonal mean % diff for Apr



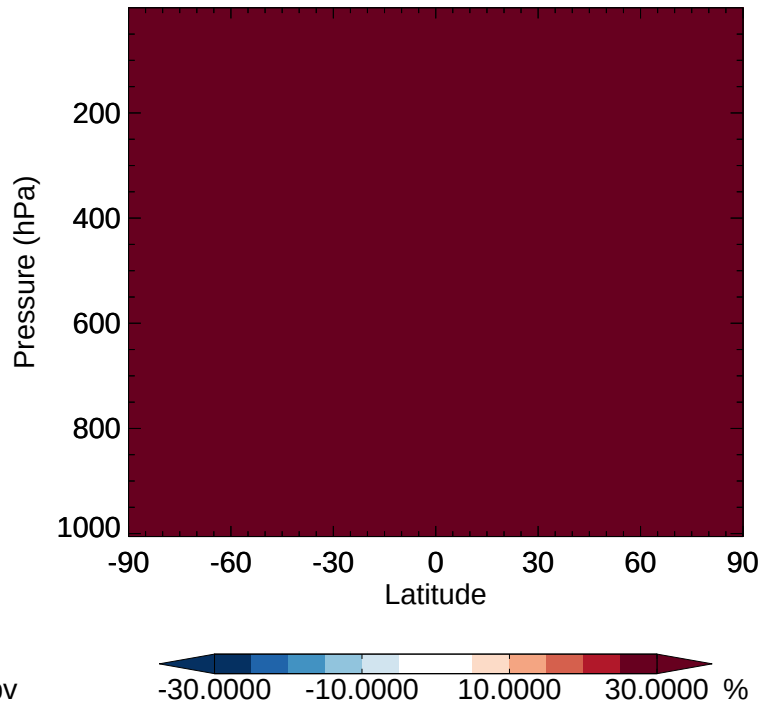
v11-02e-Run0 - v11-02c-Run0

ISOG2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

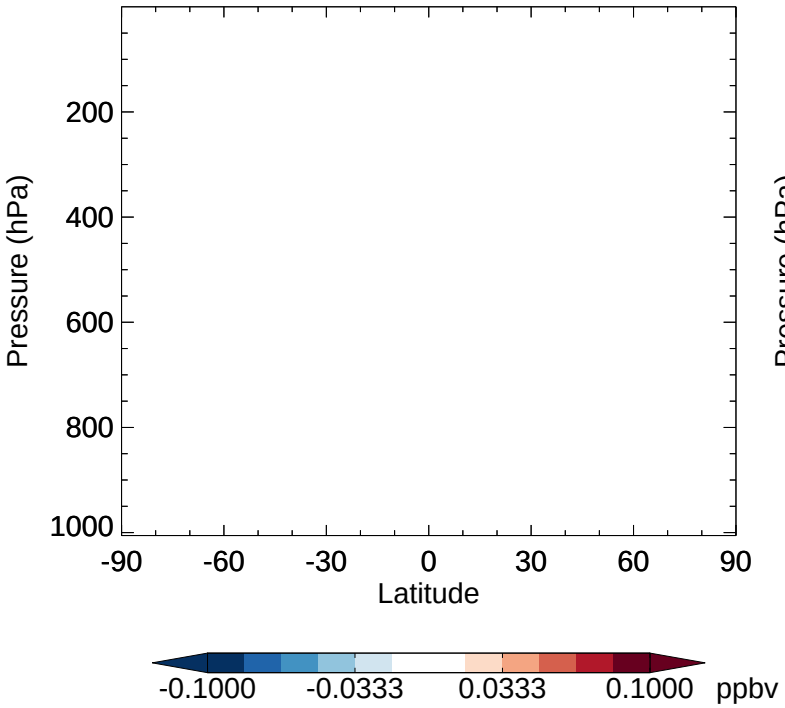
ISOG2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

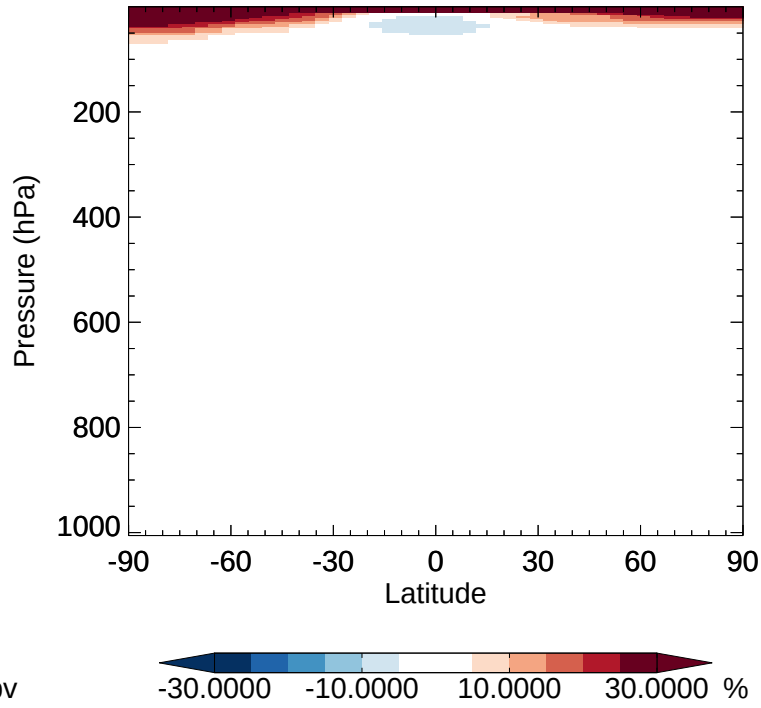
v11-02e-Run0 - v11-02d-Run1

ISOG3 - Zonal mean abs diff for Apr



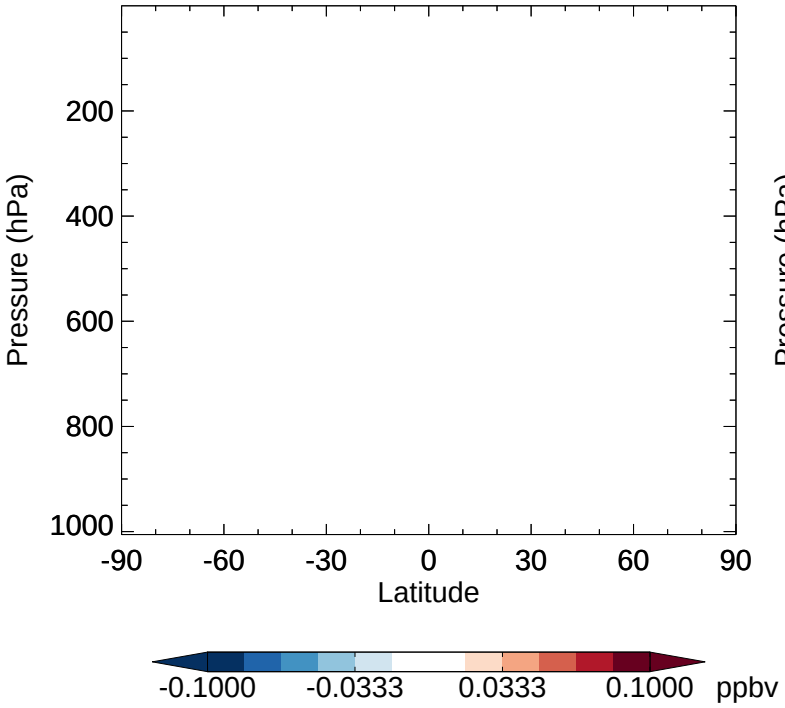
v11-02e-Run0 / v11-02d-Run1

ISOG3 - Zonal mean % diff for Apr



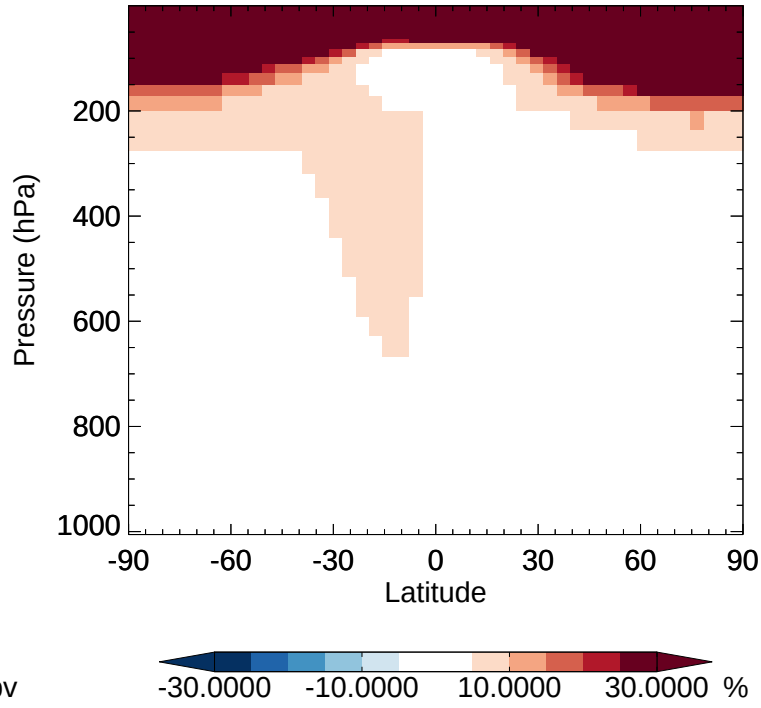
v11-02e-Run0 - v11-02c-Run0

ISOG3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

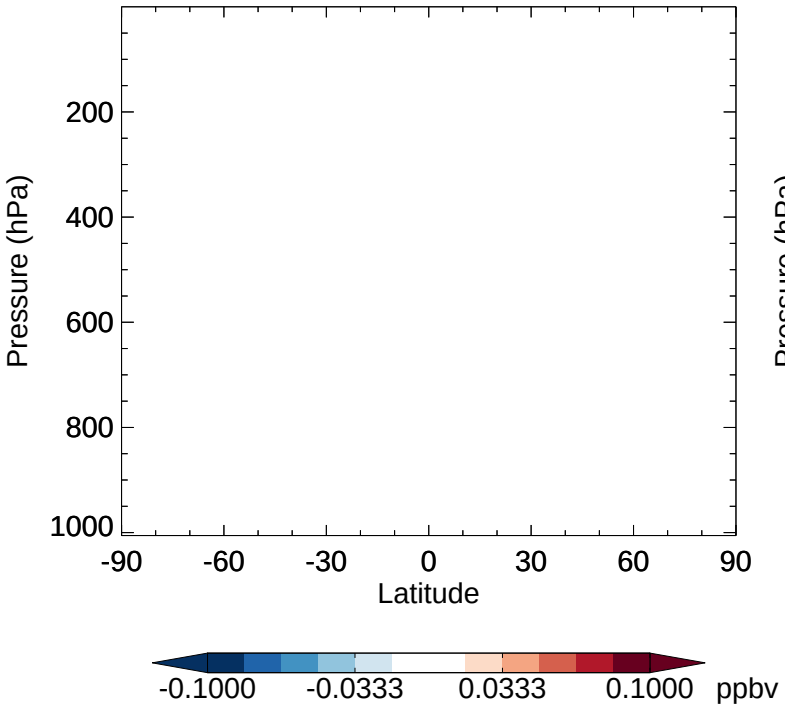
ISOG3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

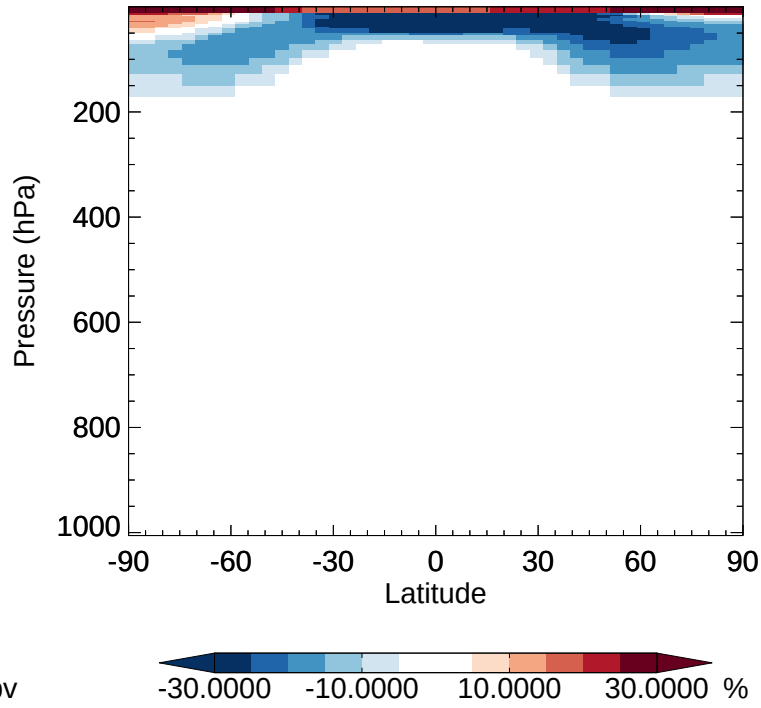
v11-02e-Run0 - v11-02d-Run1

ISOA1 - Zonal mean abs diff for Apr



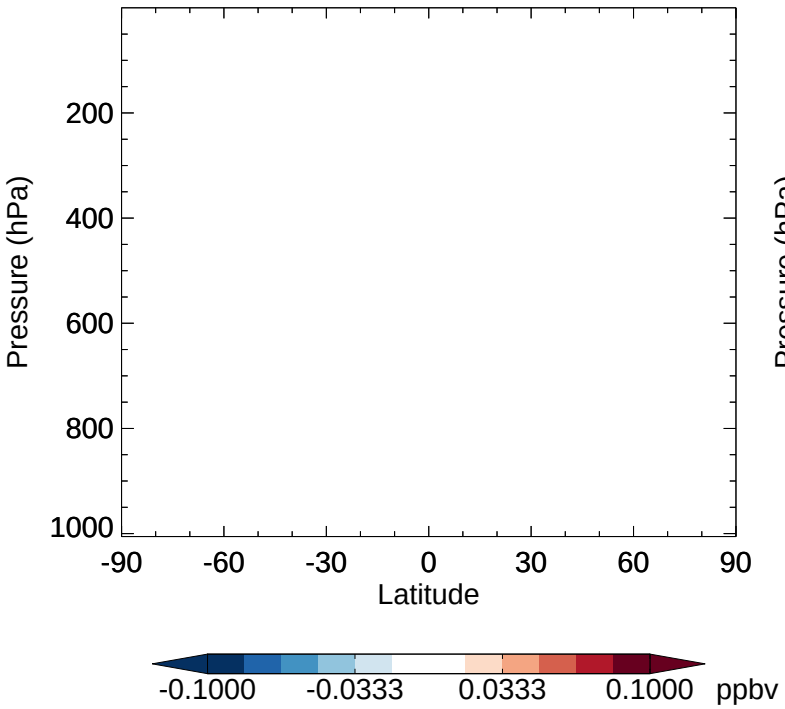
v11-02e-Run0 / v11-02d-Run1

ISOA1 - Zonal mean % diff for Apr



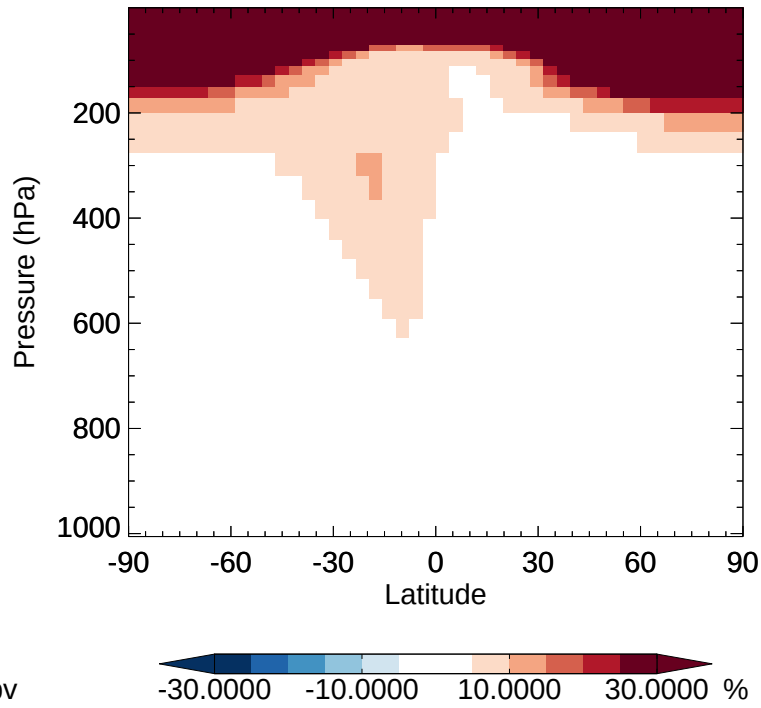
v11-02e-Run0 - v11-02c-Run0

ISOA1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

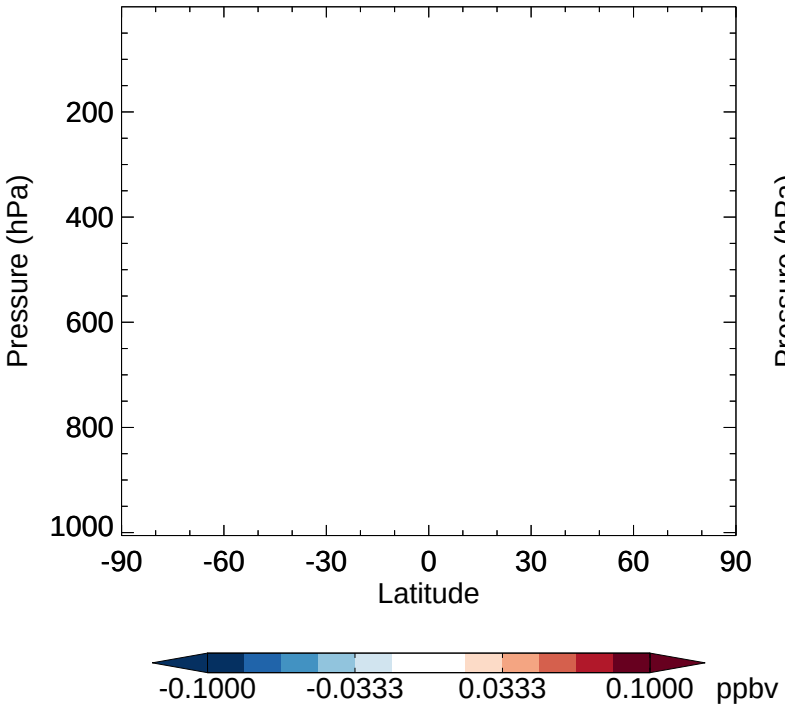
ISOA1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

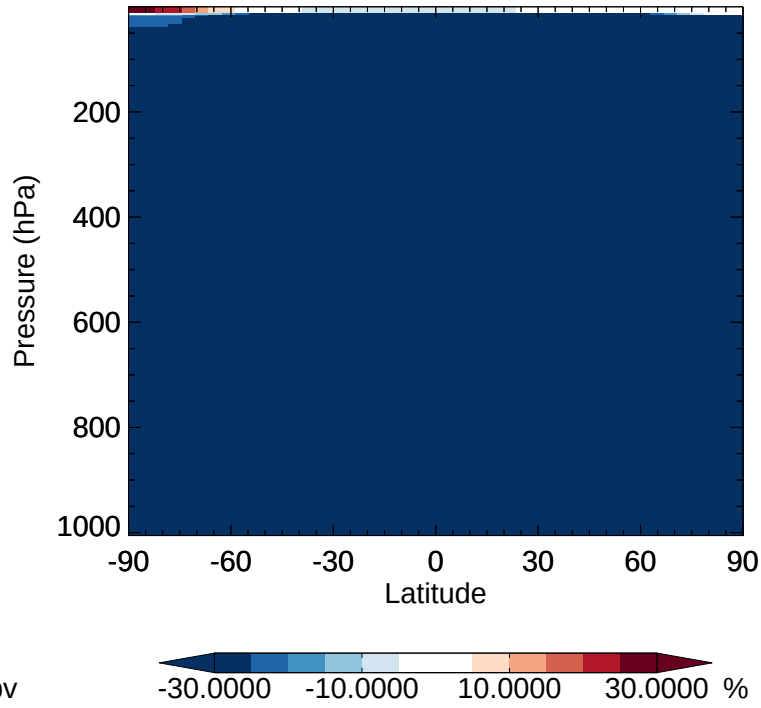
v11-02e-Run0 - v11-02d-Run1

ISOA2 - Zonal mean abs diff for Apr



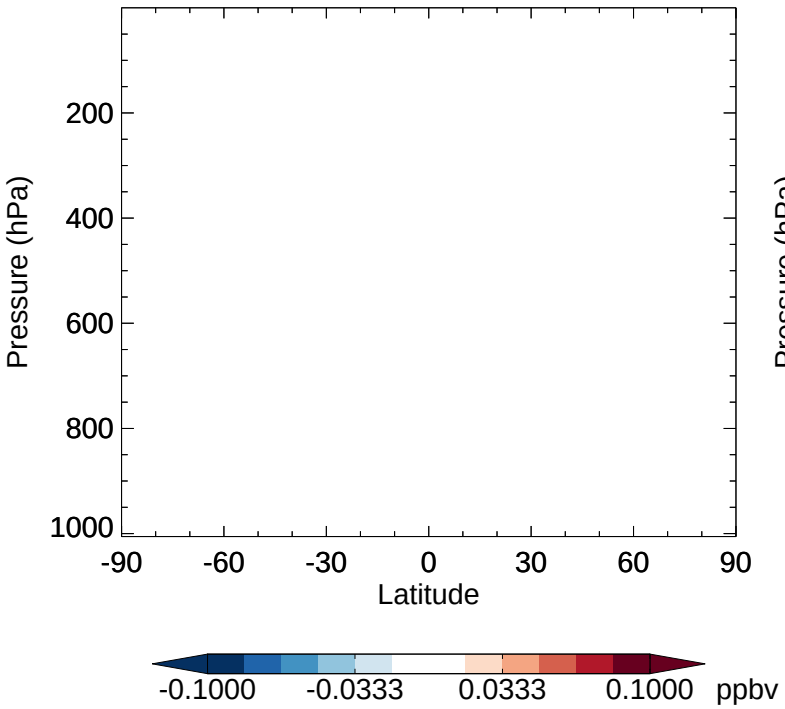
v11-02e-Run0 / v11-02d-Run1

ISOA2 - Zonal mean % diff for Apr



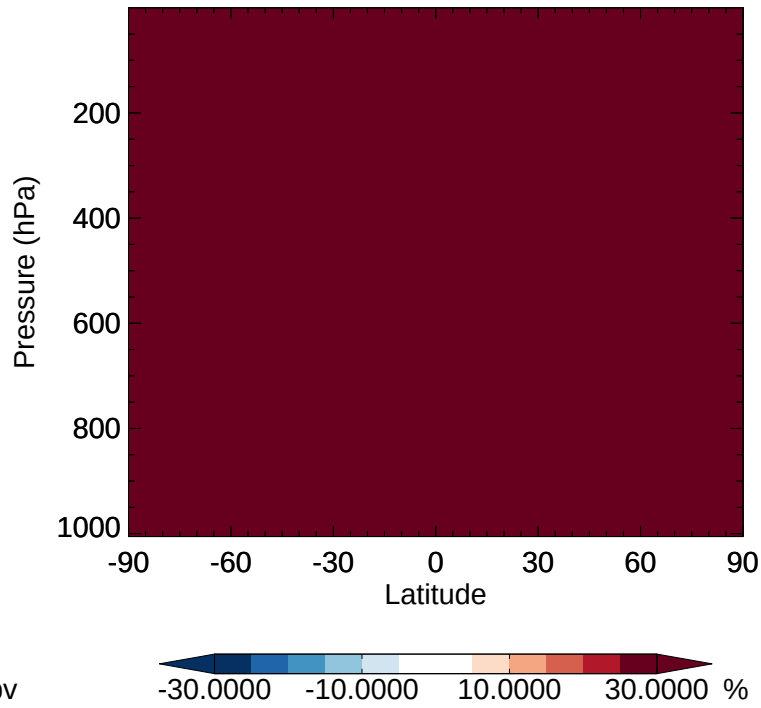
v11-02e-Run0 - v11-02c-Run0

ISOA2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

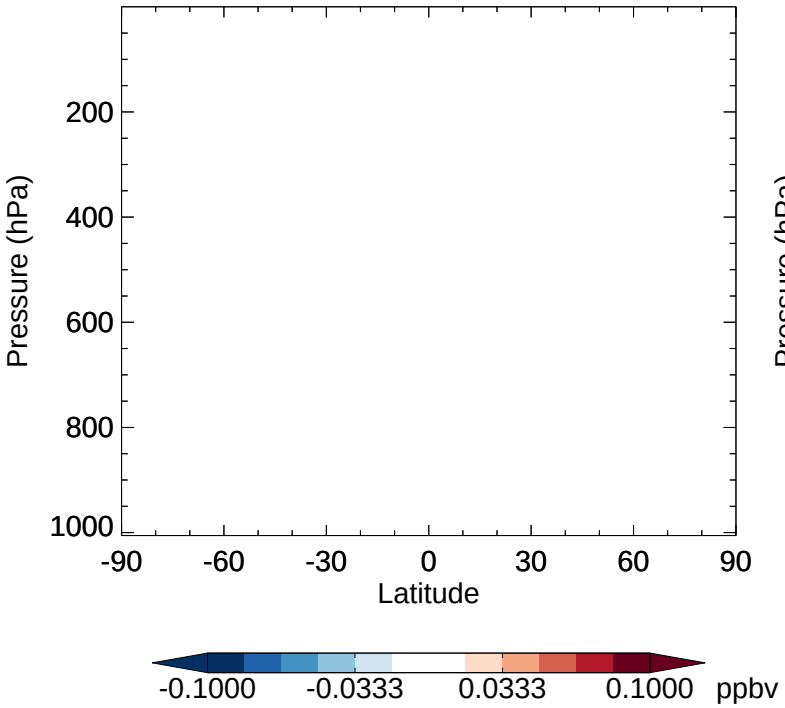
ISOA2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

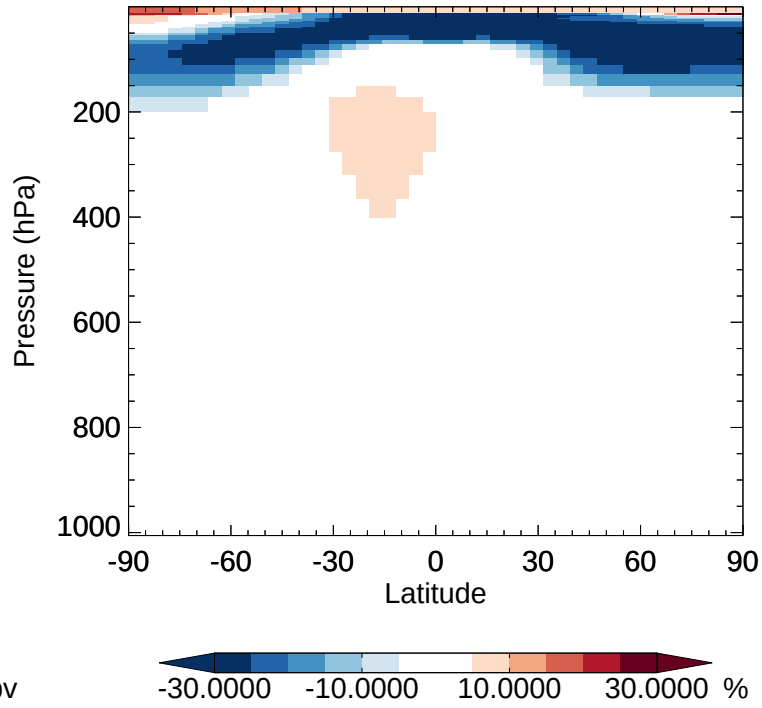
v11-02e-Run0 - v11-02d-Run1

ISOA3 - Zonal mean abs diff for Apr



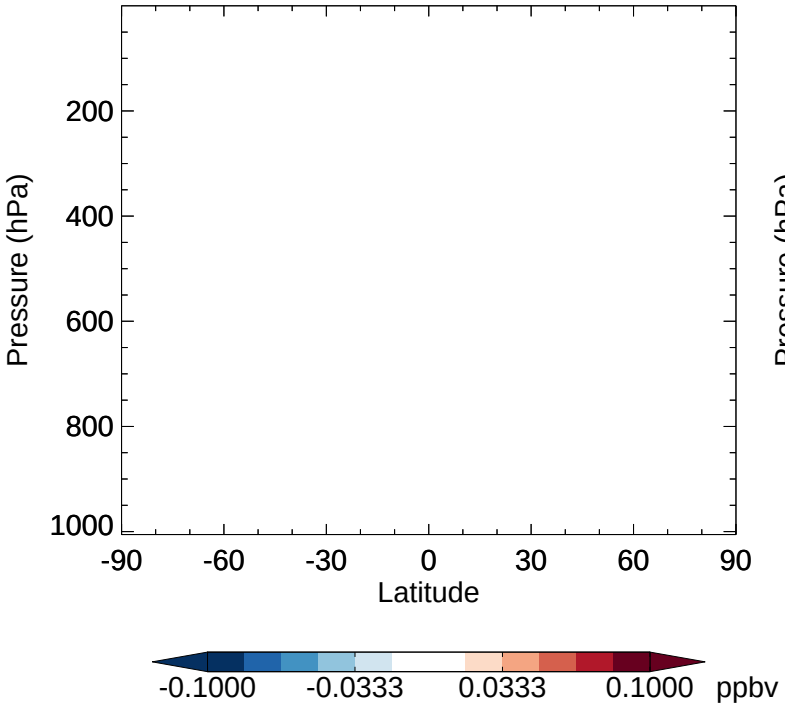
v11-02e-Run0 / v11-02d-Run1

ISOA3 - Zonal mean % diff for Apr



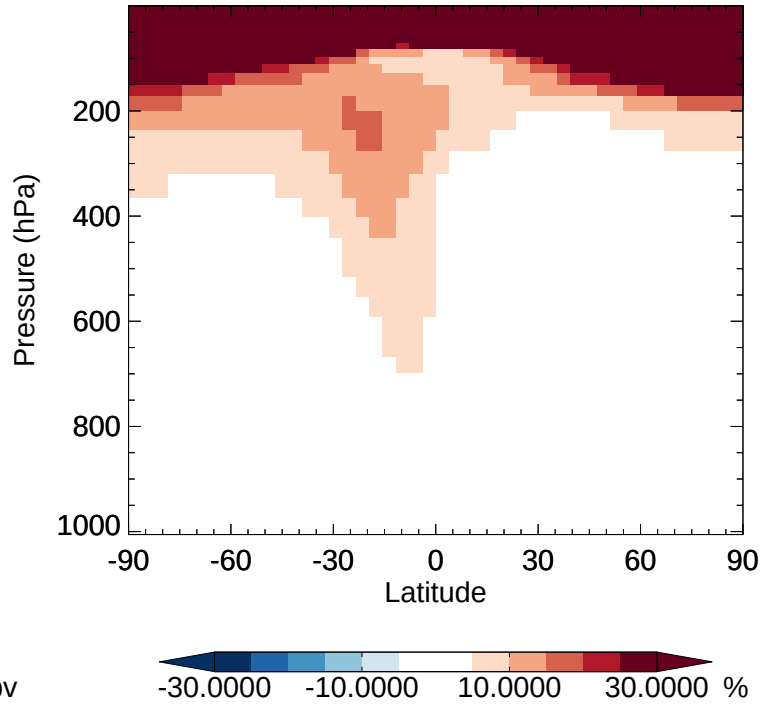
v11-02e-Run0 - v11-02c-Run0

ISOA3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

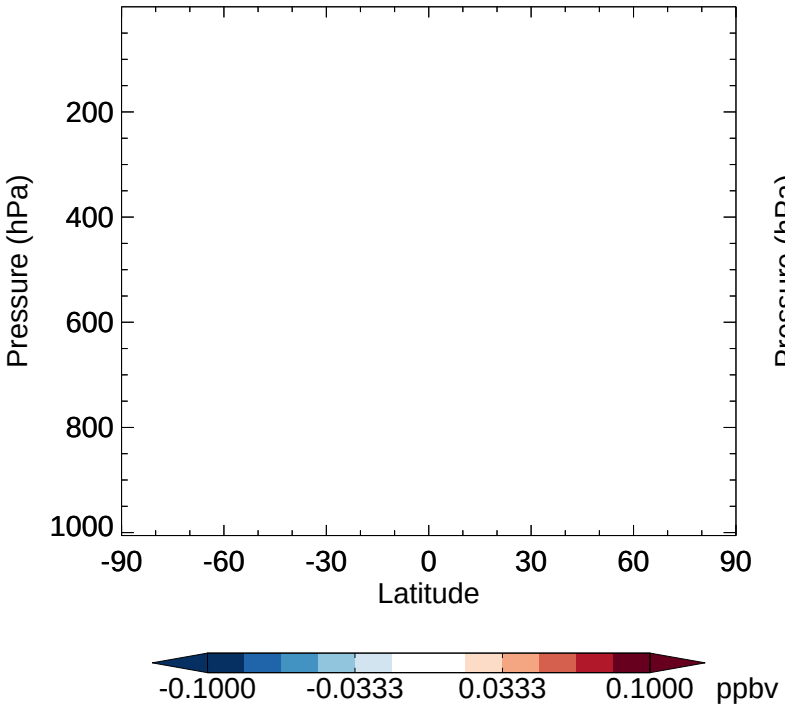
ISOA3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

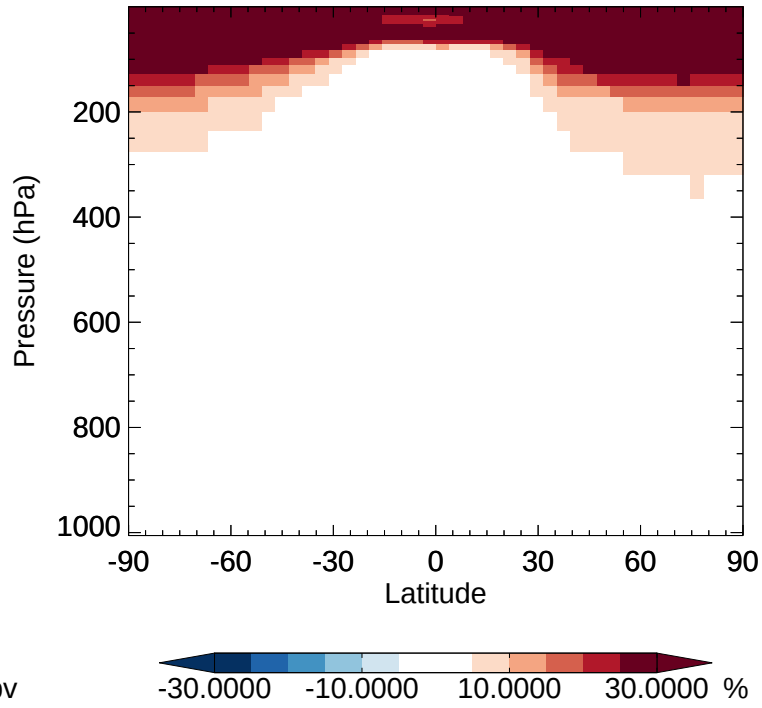
v11-02e-Run0 - v11-02d-Run1

ASOG1 - Zonal mean abs diff for Apr



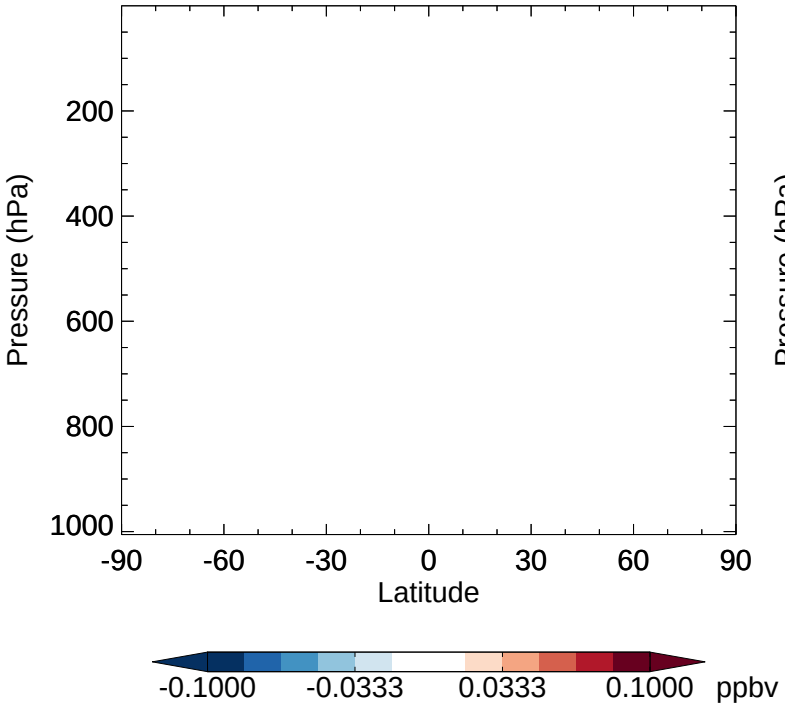
v11-02e-Run0 / v11-02d-Run1

ASOG1 - Zonal mean % diff for Apr



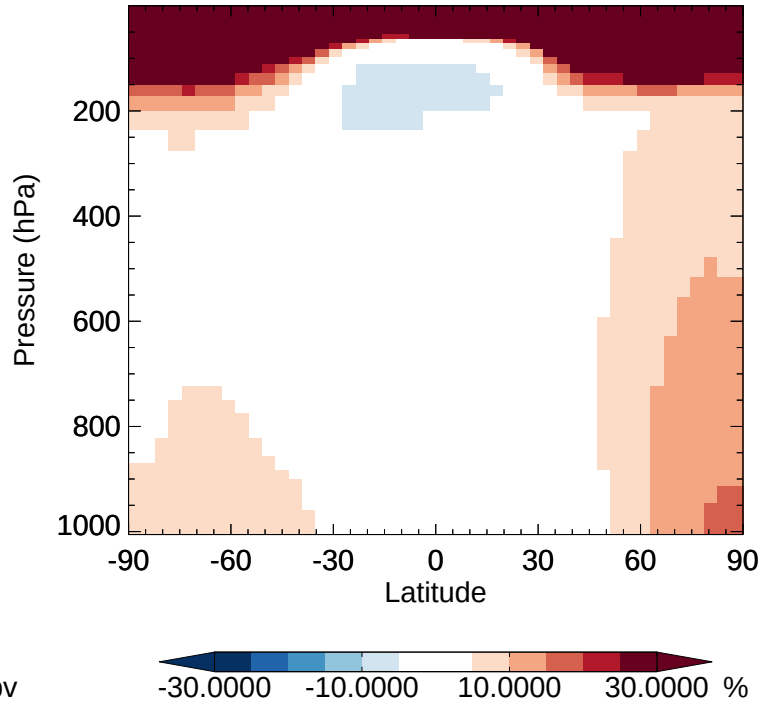
v11-02e-Run0 - v11-02c-Run0

ASOG1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

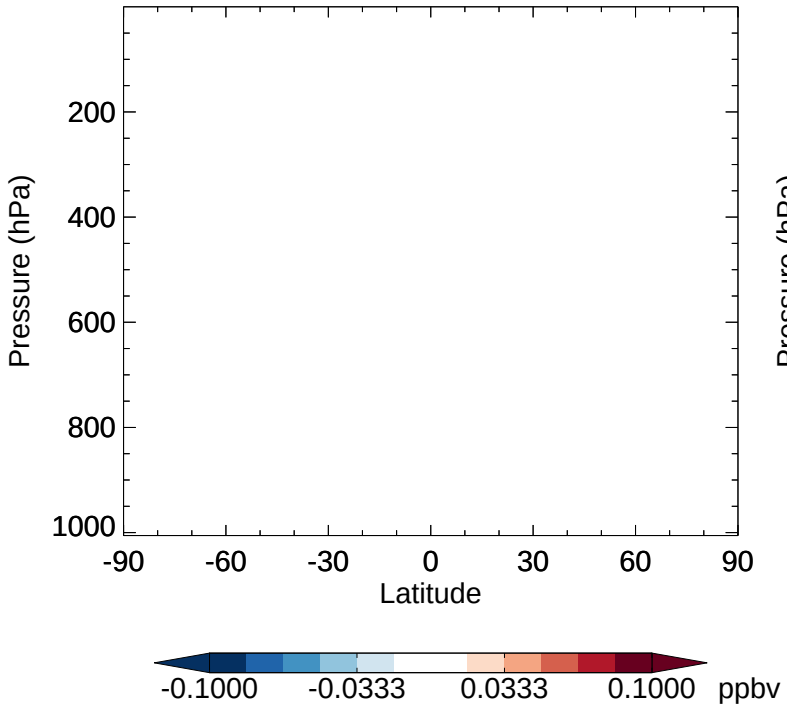
ASOG1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

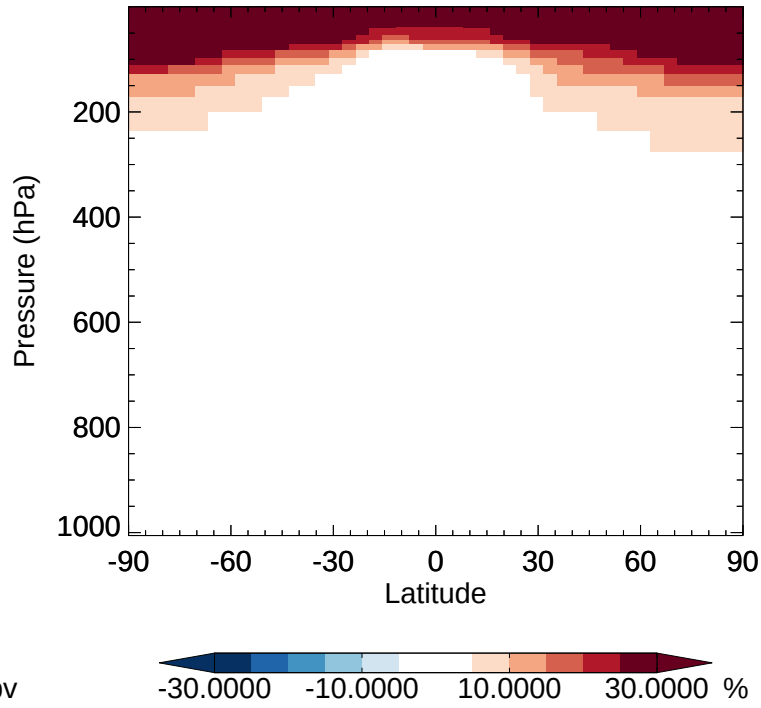
v11-02e-Run0 - v11-02d-Run1

ASOG2 - Zonal mean abs diff for Apr



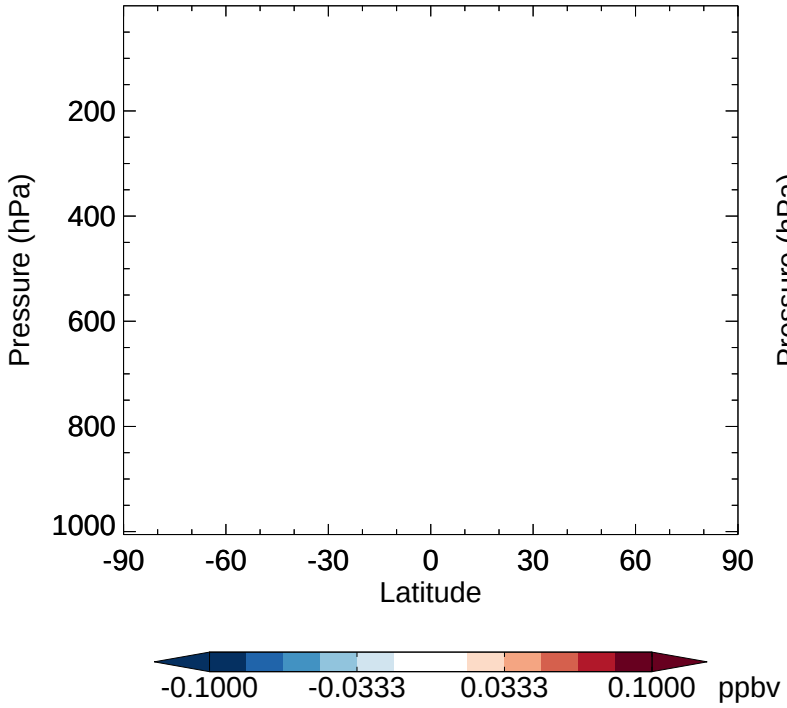
v11-02e-Run0 / v11-02d-Run1

ASOG2 - Zonal mean % diff for Apr



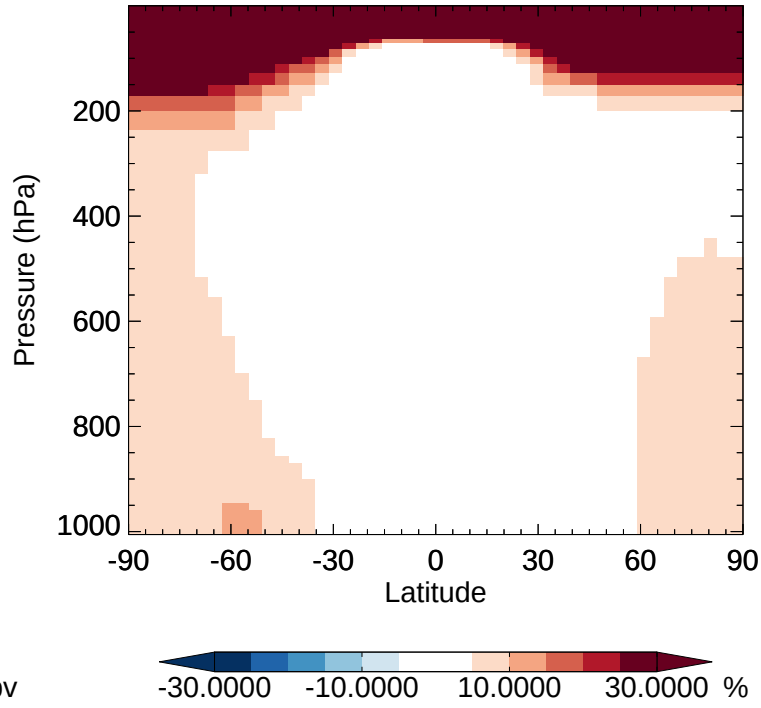
v11-02e-Run0 - v11-02c-Run0

ASOG2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

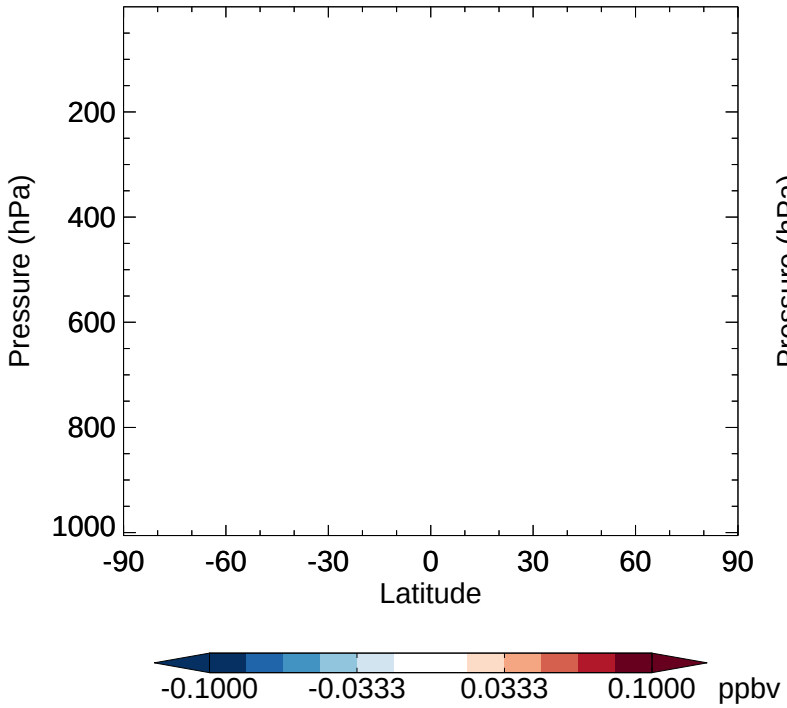
ASOG2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

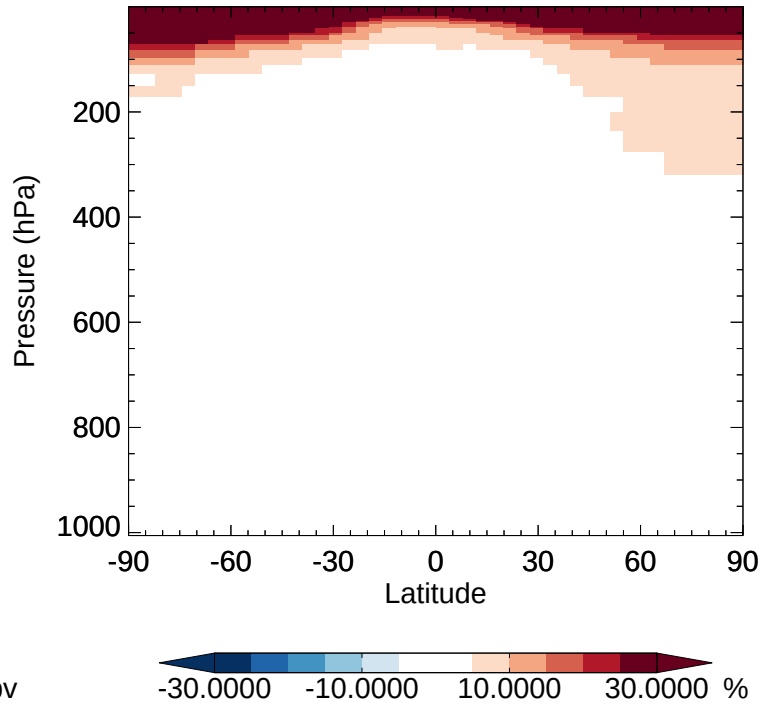
v11-02e-Run0 - v11-02d-Run1

ASOG3 - Zonal mean abs diff for Apr



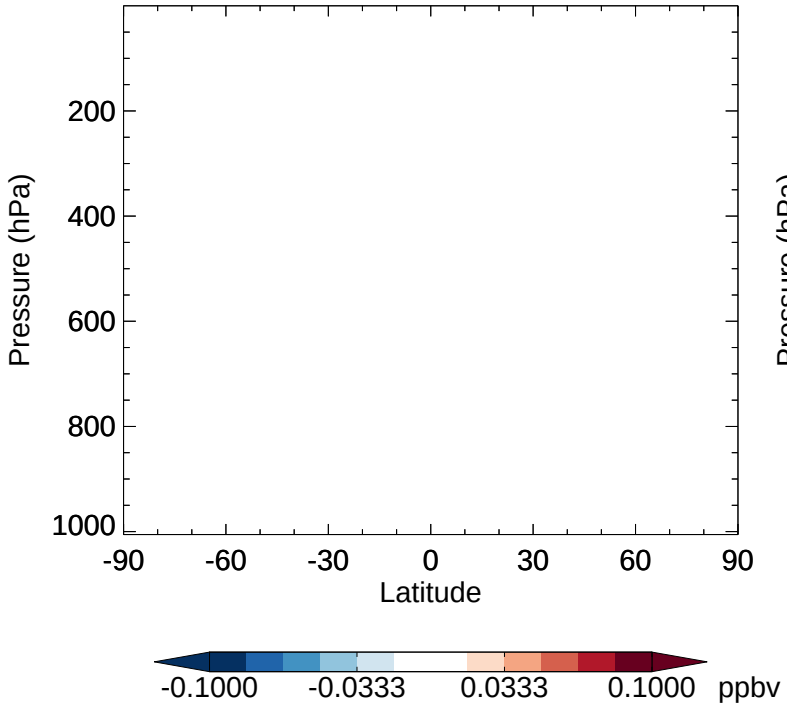
v11-02e-Run0 / v11-02d-Run1

ASOG3 - Zonal mean % diff for Apr



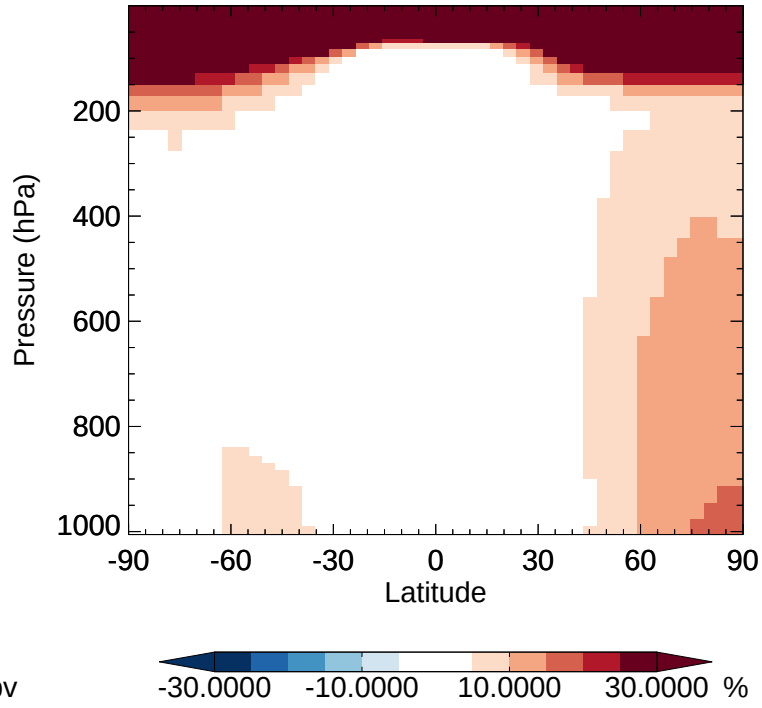
v11-02e-Run0 - v11-02c-Run0

ASOG3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

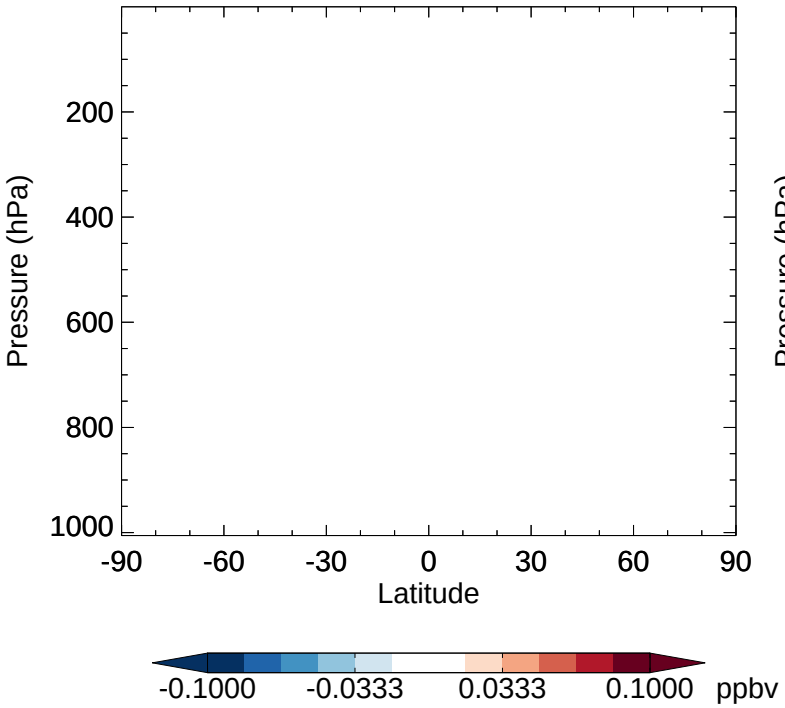
ASOG3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

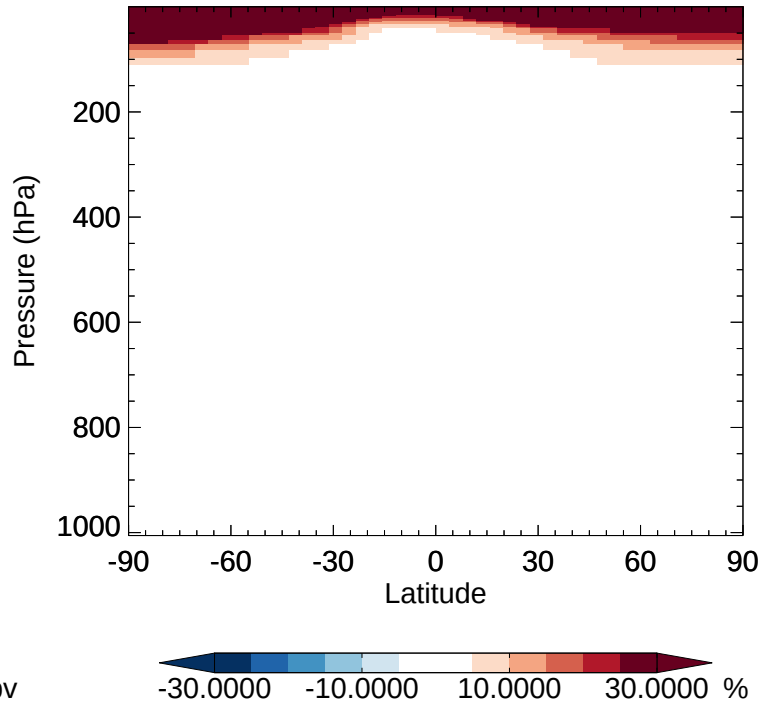
v11-02e-Run0 - v11-02d-Run1

ASOAN - Zonal mean abs diff for Apr



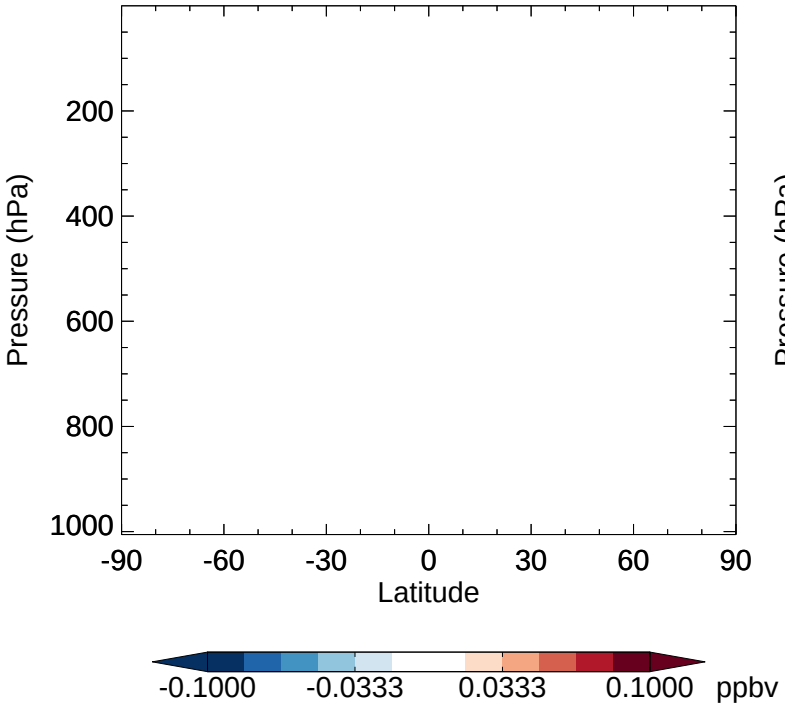
v11-02e-Run0 / v11-02d-Run1

ASOAN - Zonal mean % diff for Apr



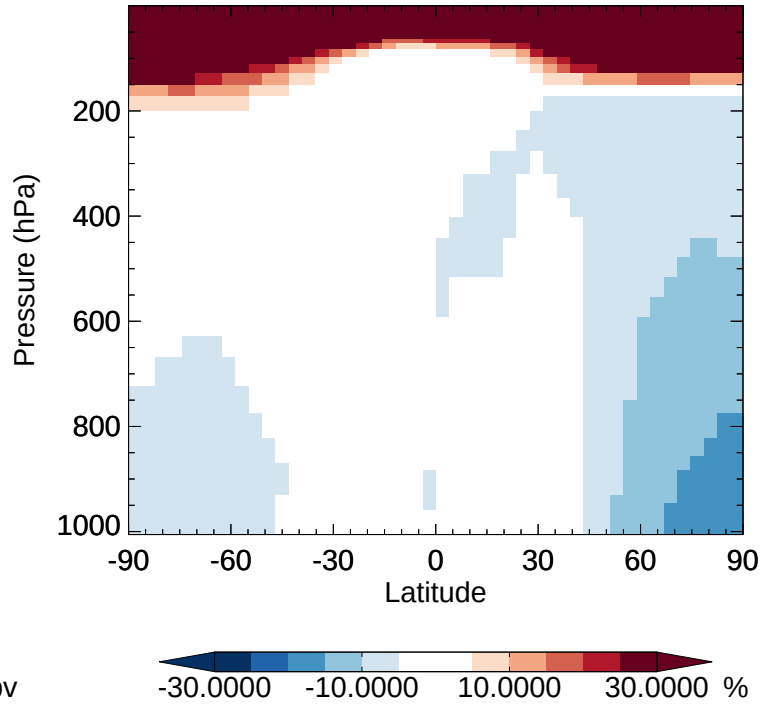
v11-02e-Run0 - v11-02c-Run0

ASOAN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

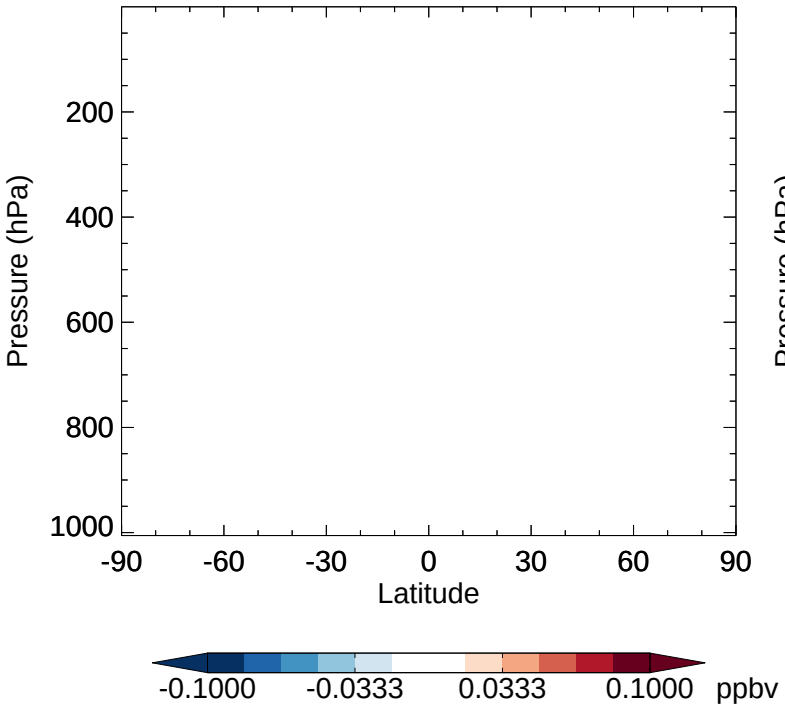
ASOAN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

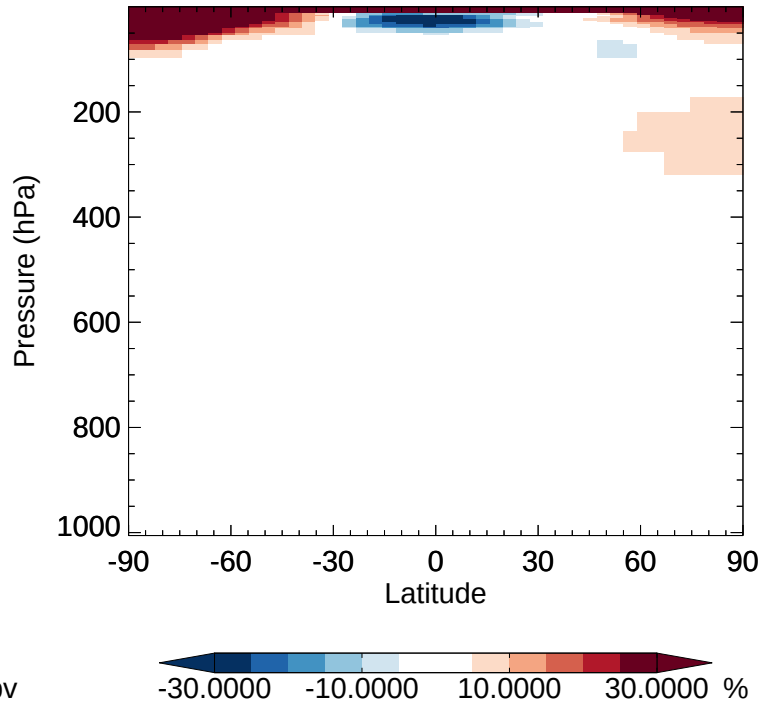
v11-02e-Run0 - v11-02d-Run1

ASOA1 - Zonal mean abs diff for Apr



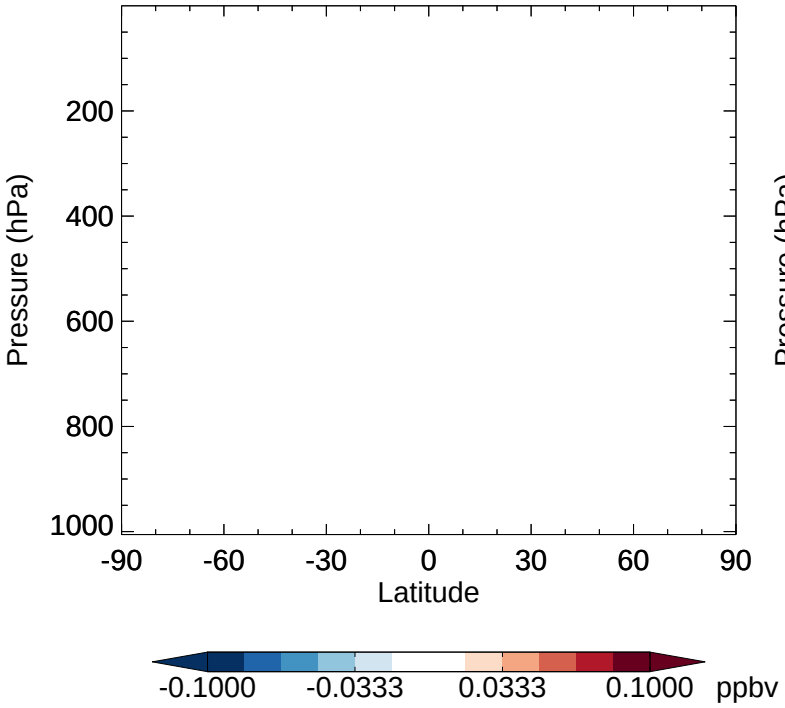
v11-02e-Run0 / v11-02d-Run1

ASOA1 - Zonal mean % diff for Apr



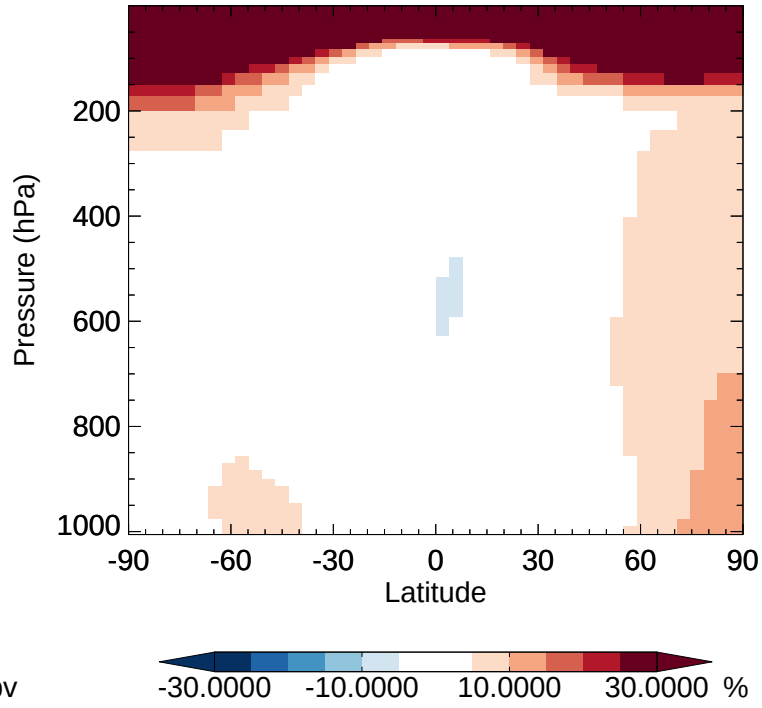
v11-02e-Run0 - v11-02c-Run0

ASOA1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

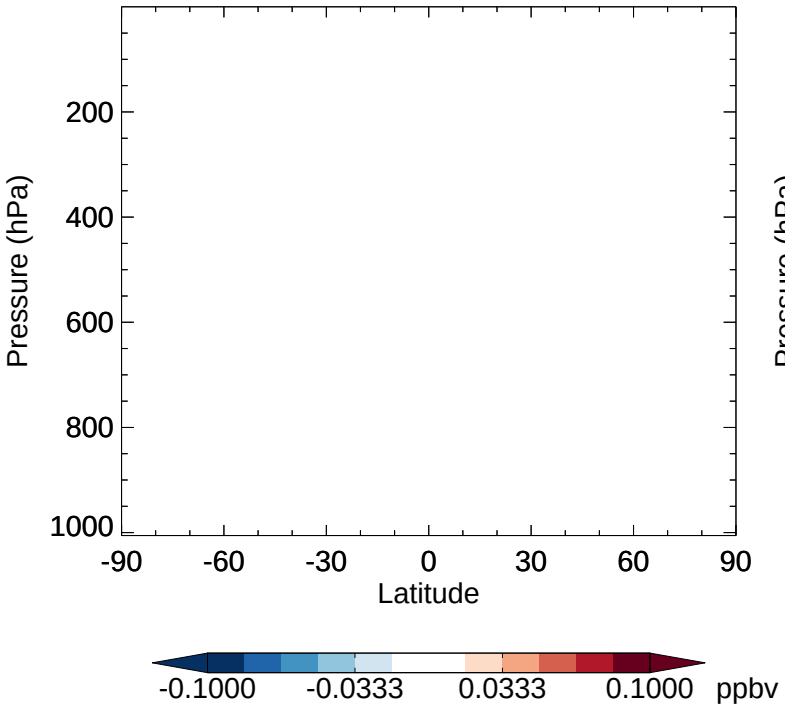
ASOA1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

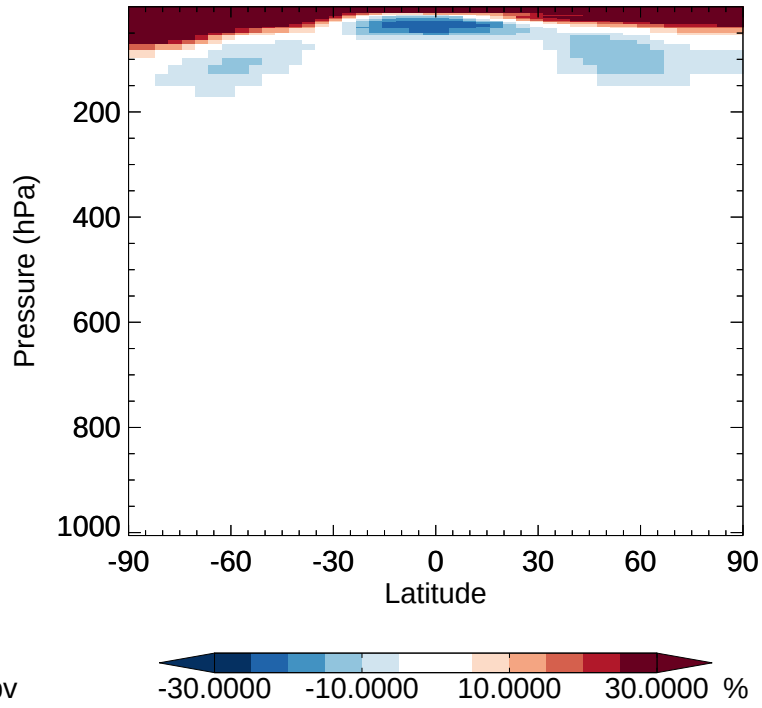
v11-02e-Run0 - v11-02d-Run1

ASOA2 - Zonal mean abs diff for Apr



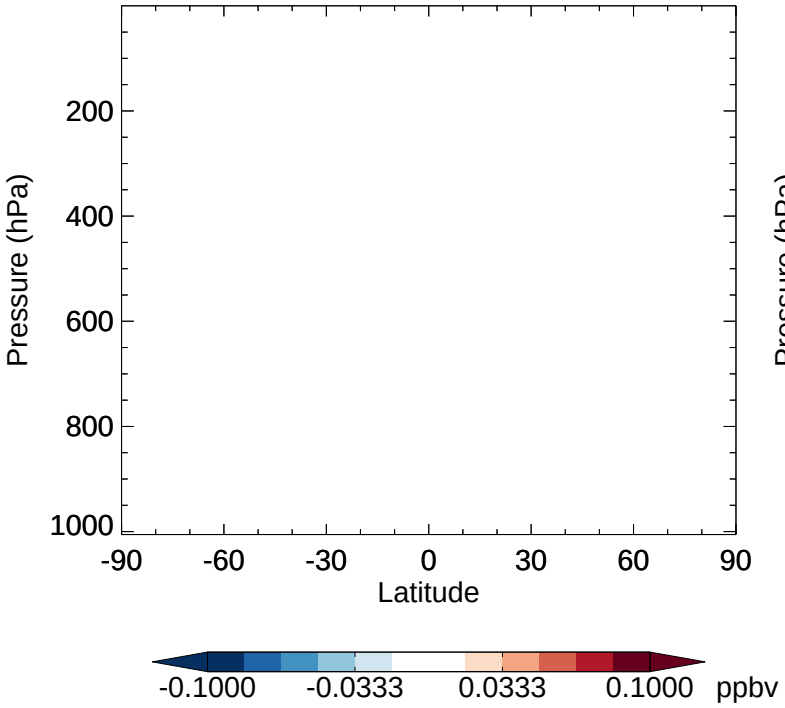
v11-02e-Run0 / v11-02d-Run1

ASOA2 - Zonal mean % diff for Apr



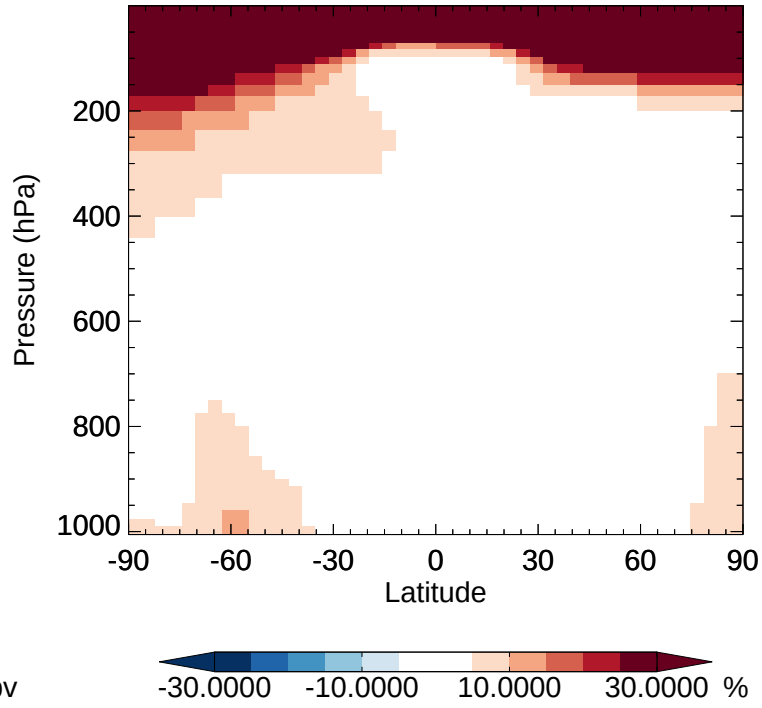
v11-02e-Run0 - v11-02c-Run0

ASOA2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

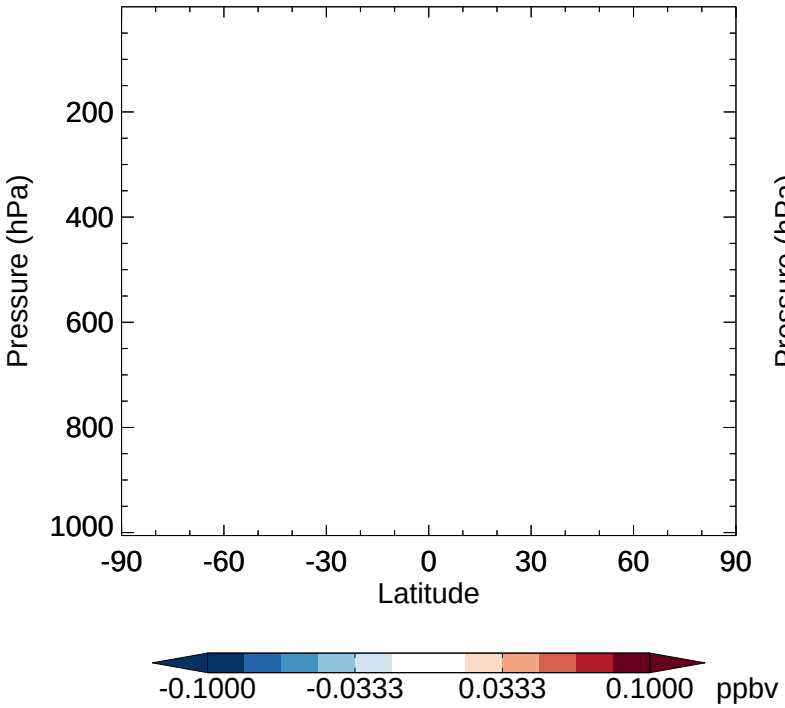
ASOA2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

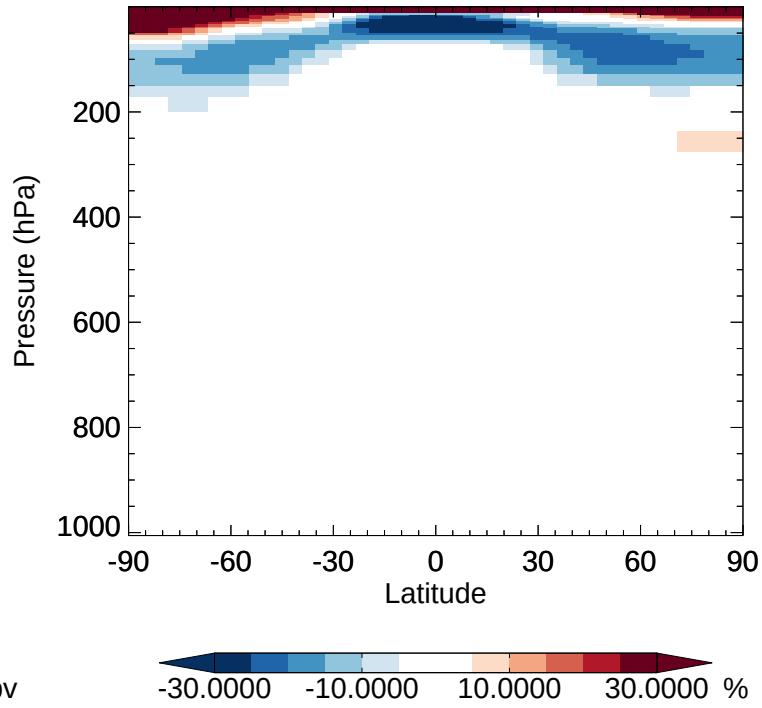
v11-02e-Run0 - v11-02d-Run1

ASOA3 - Zonal mean abs diff for Apr



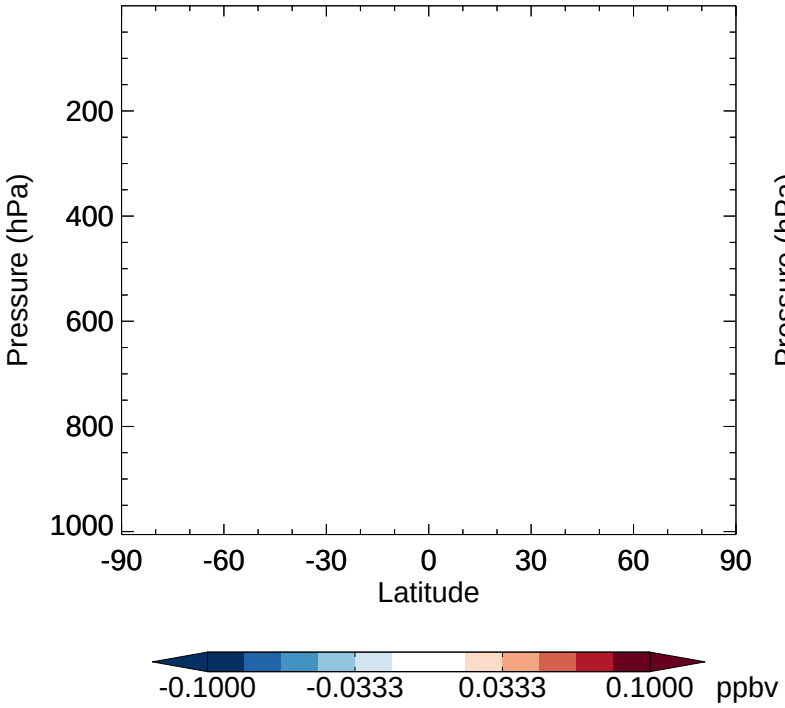
v11-02e-Run0 / v11-02d-Run1

ASOA3 - Zonal mean % diff for Apr



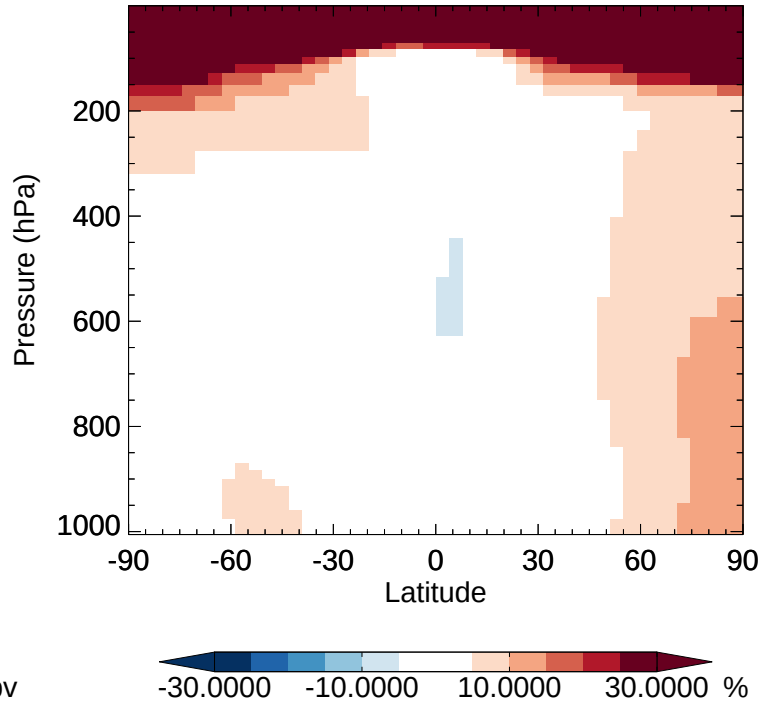
v11-02e-Run0 - v11-02c-Run0

ASOA3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

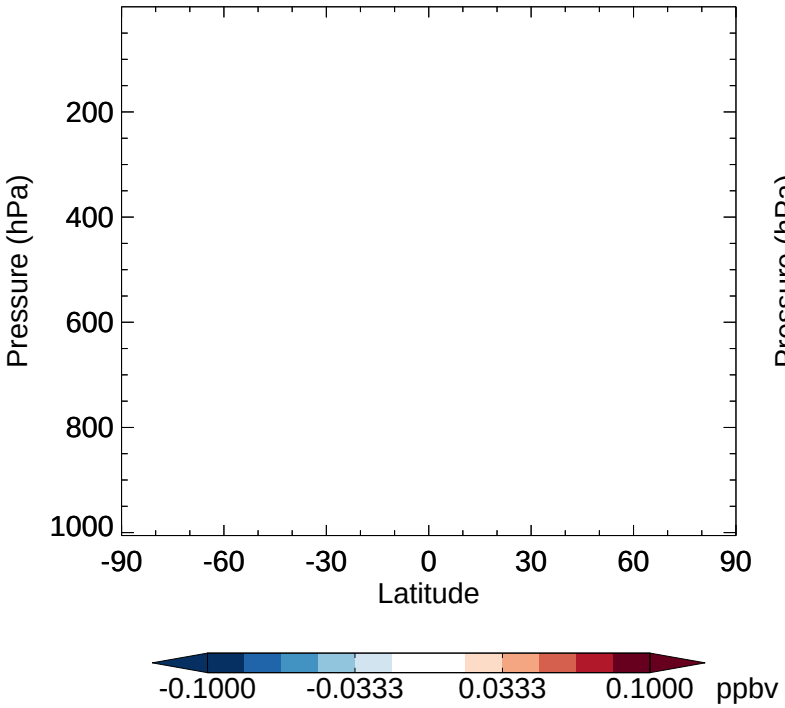
ASOA3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

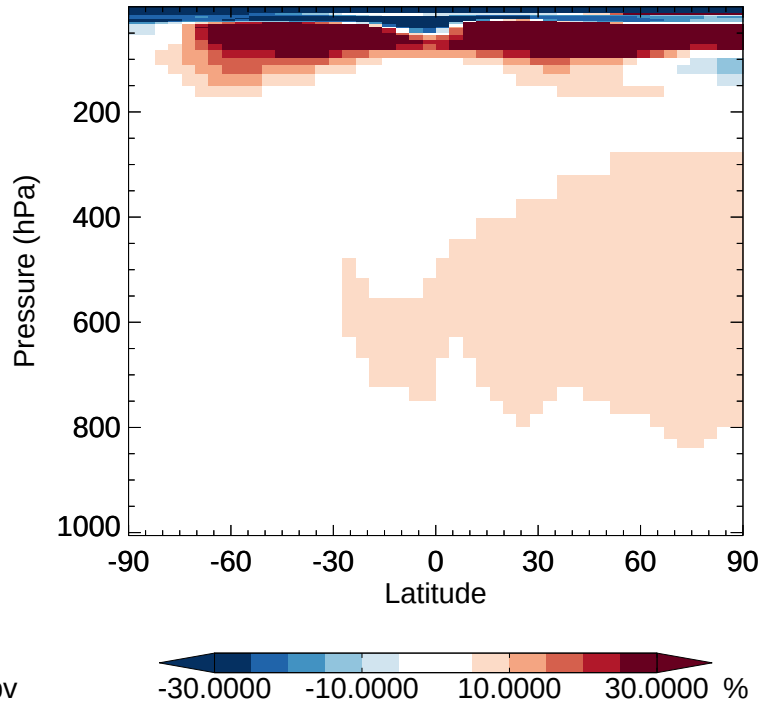
v11-02e-Run0 - v11-02d-Run1

EOH - Zonal mean abs diff for Apr



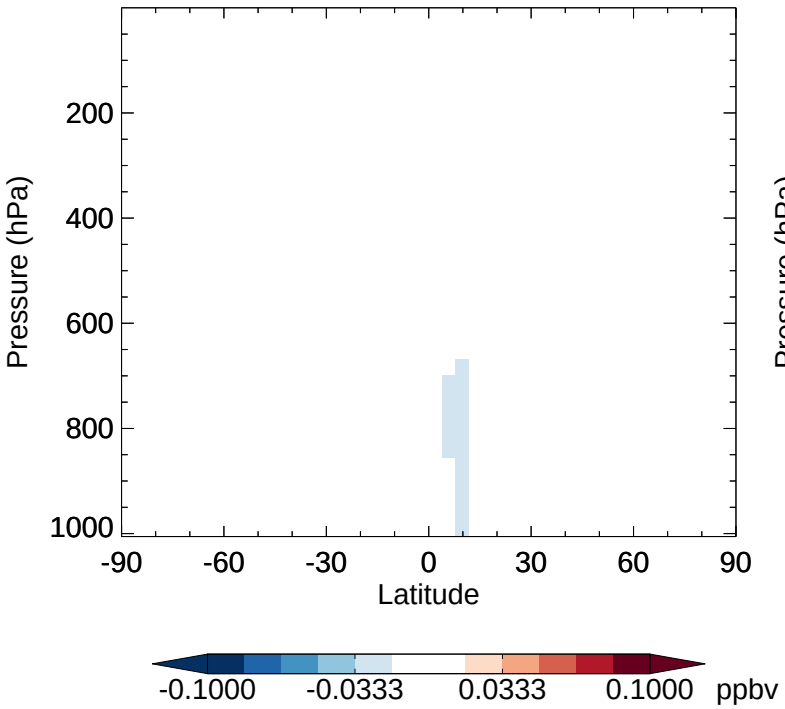
v11-02e-Run0 / v11-02d-Run1

EOH - Zonal mean % diff for Apr



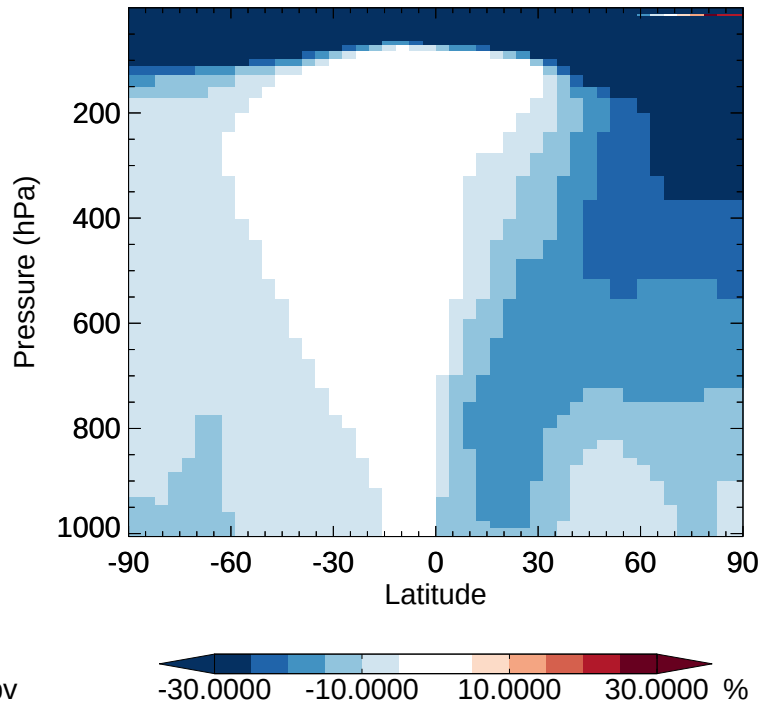
v11-02e-Run0 - v11-02c-Run0

EOH - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

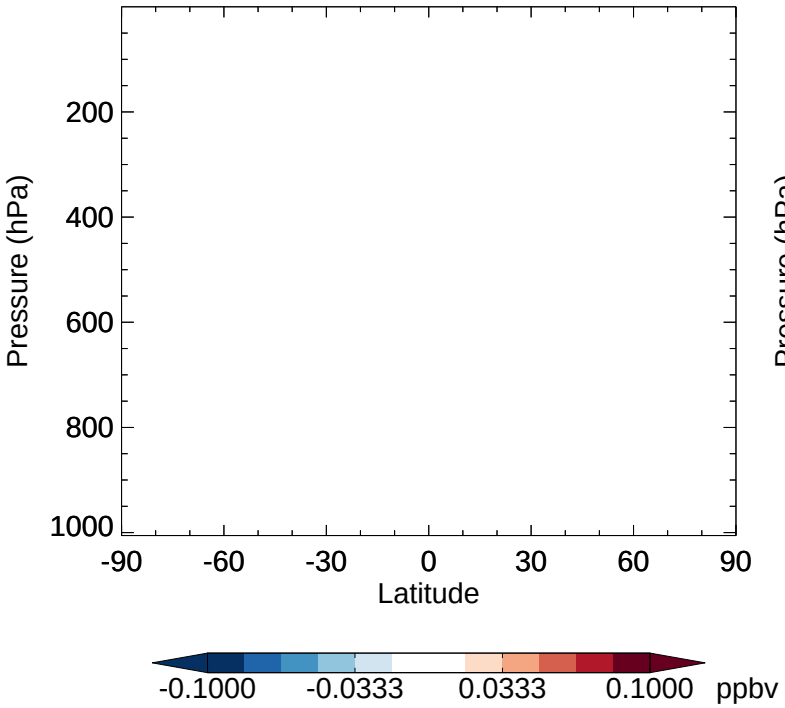
EOH - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

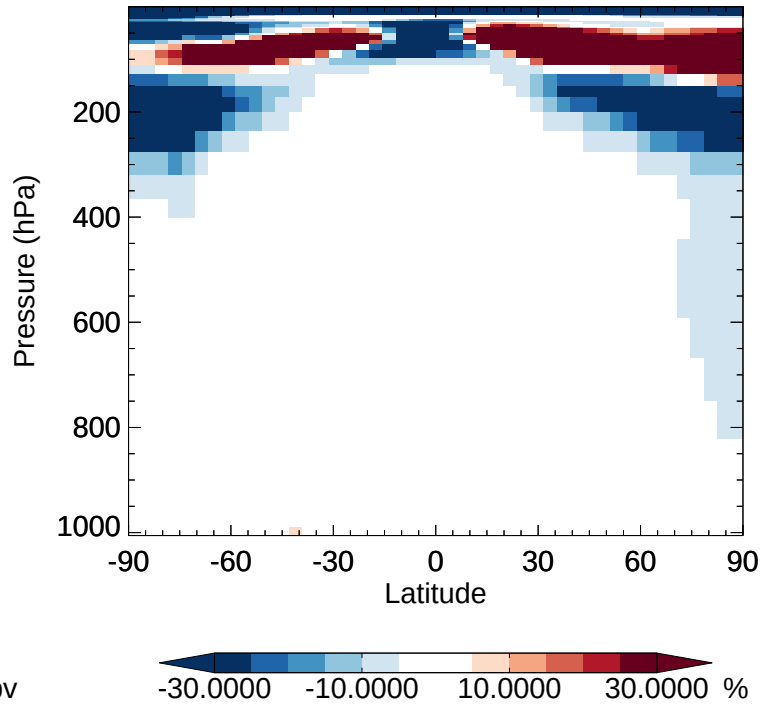
v11-02e-Run0 - v11-02d-Run1

MGLY - Zonal mean abs diff for Apr



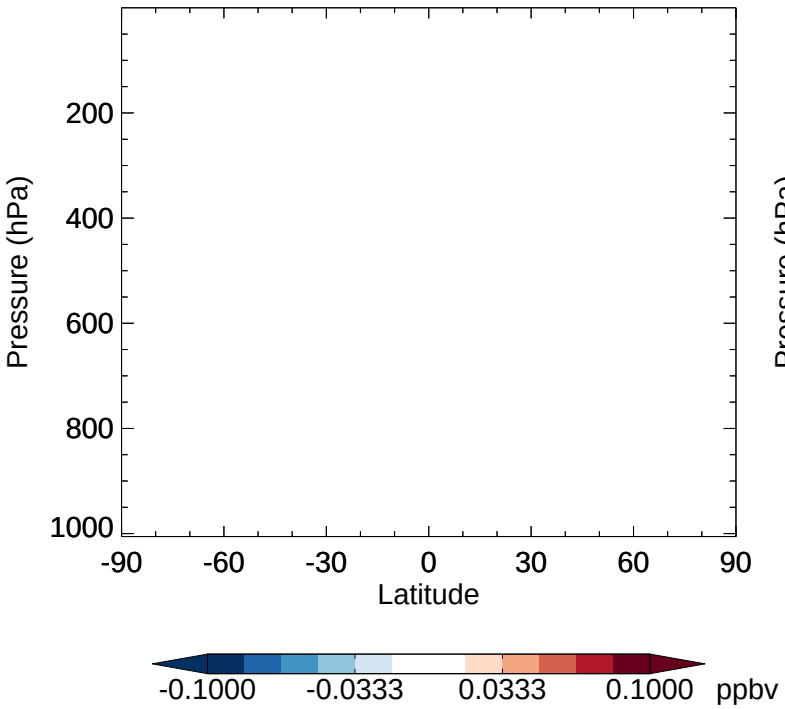
v11-02e-Run0 / v11-02d-Run1

MGLY - Zonal mean % diff for Apr



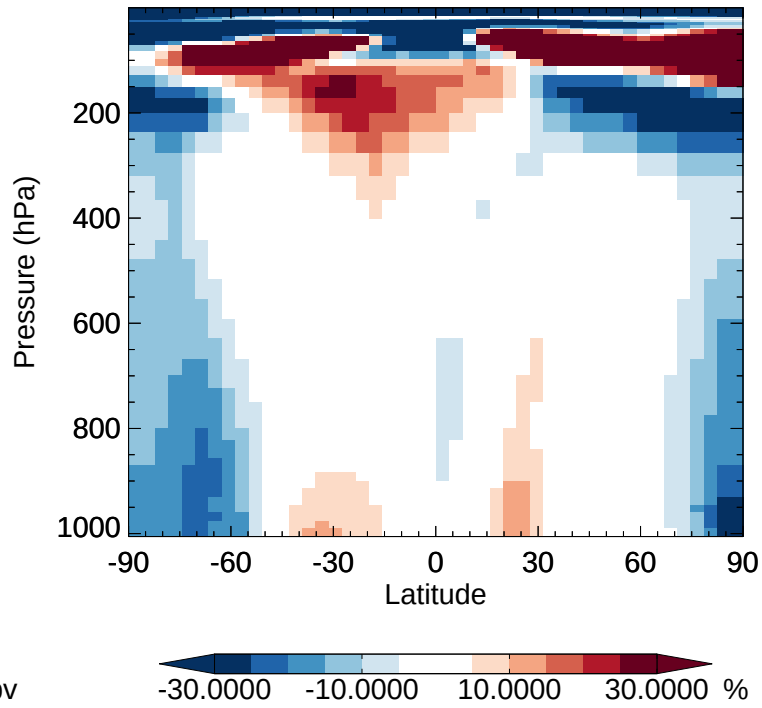
v11-02e-Run0 - v11-02c-Run0

MGLY - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

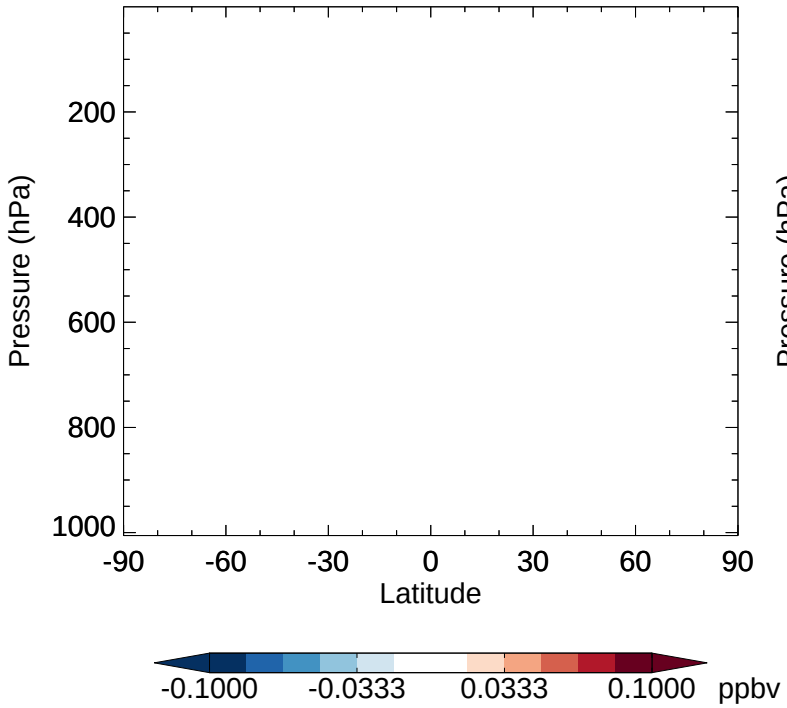
MGLY - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

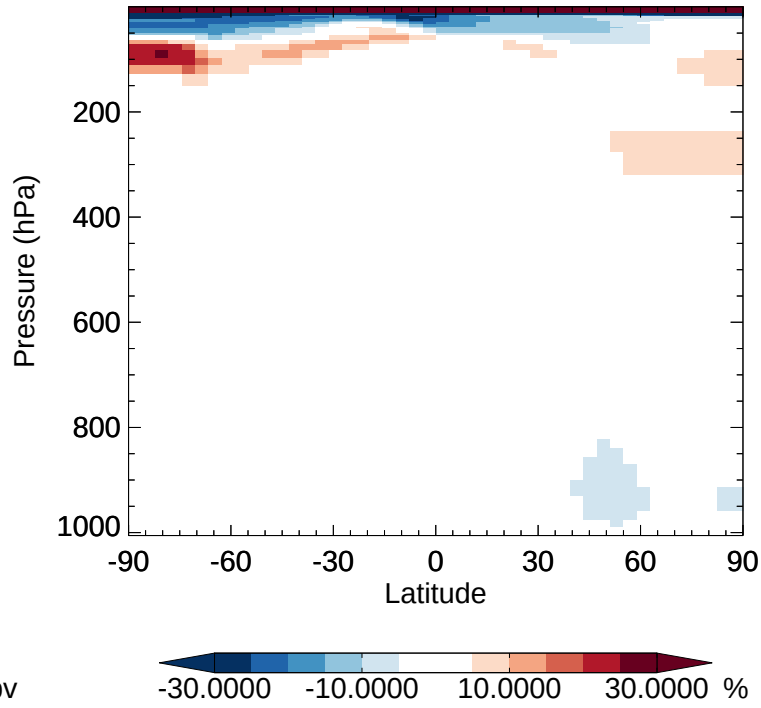
v11-02e-Run0 - v11-02d-Run1

GLYX - Zonal mean abs diff for Apr



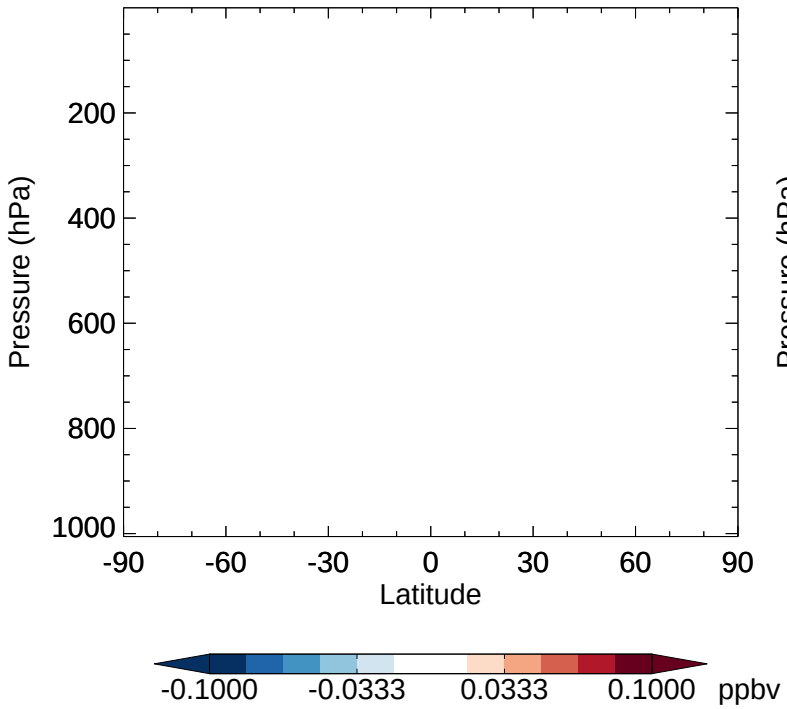
v11-02e-Run0 / v11-02d-Run1

GLYX - Zonal mean % diff for Apr



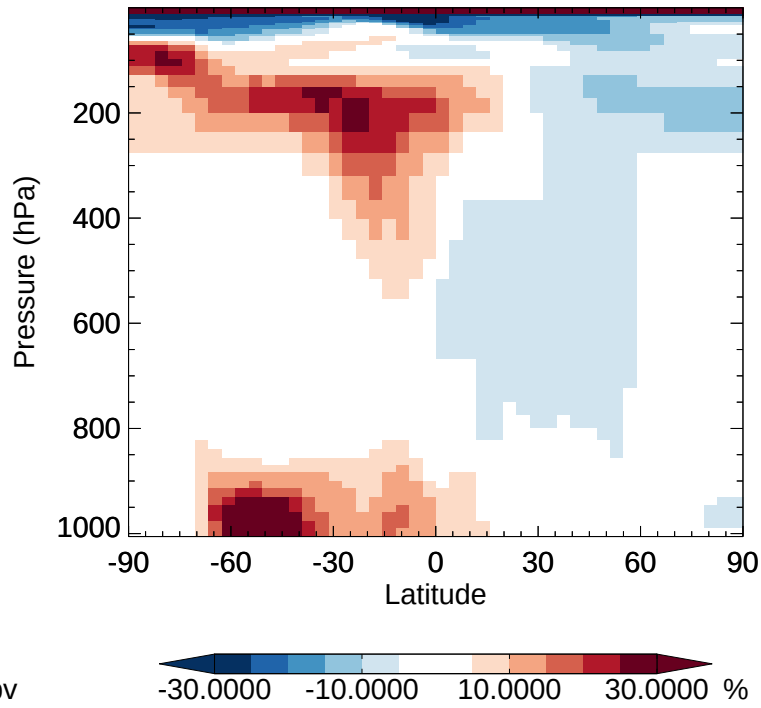
v11-02e-Run0 - v11-02c-Run0

GLYX - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

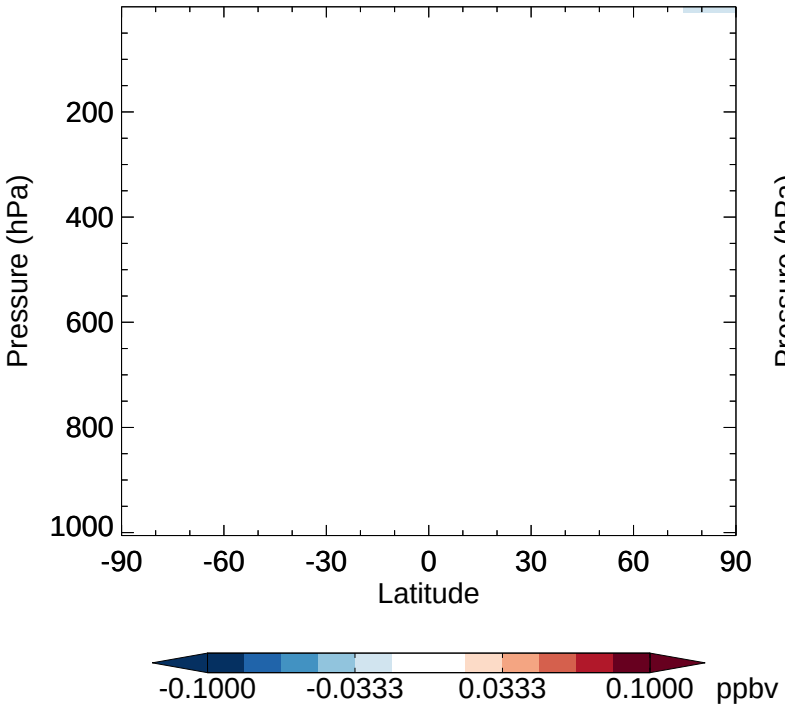
GLYX - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

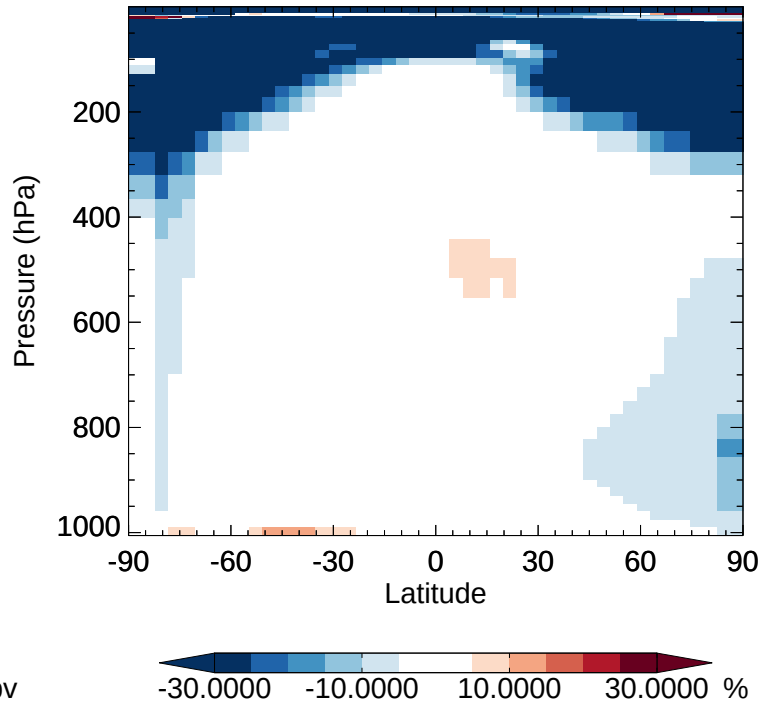
v11-02e-Run0 - v11-02d-Run1

ACTA - Zonal mean abs diff for Apr



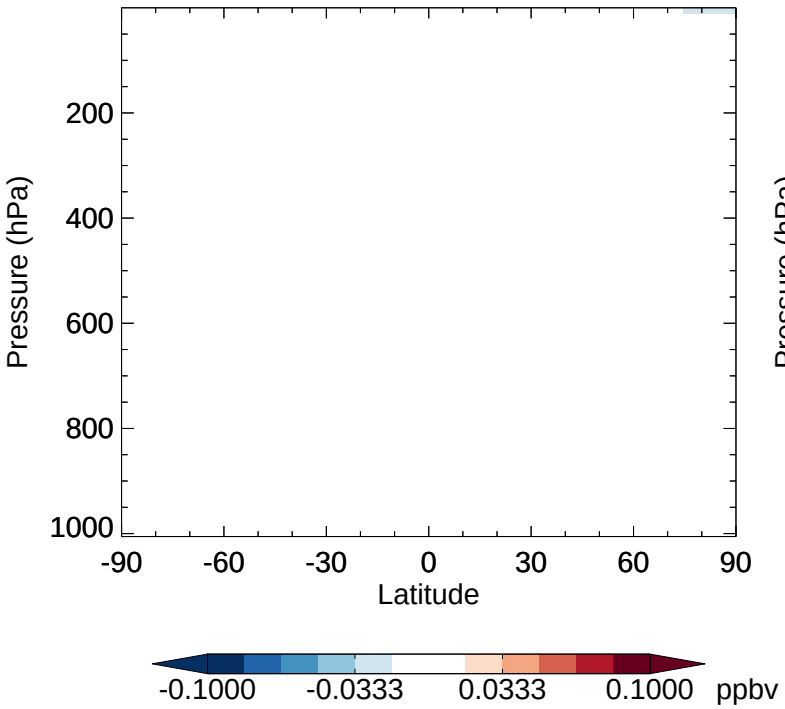
v11-02e-Run0 / v11-02d-Run1

ACTA - Zonal mean % diff for Apr



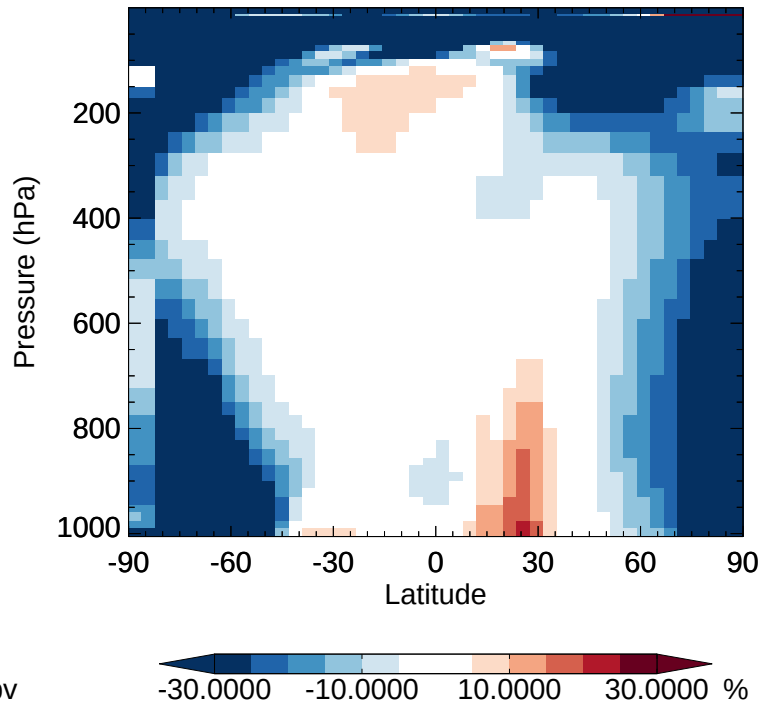
v11-02e-Run0 - v11-02c-Run0

ACTA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

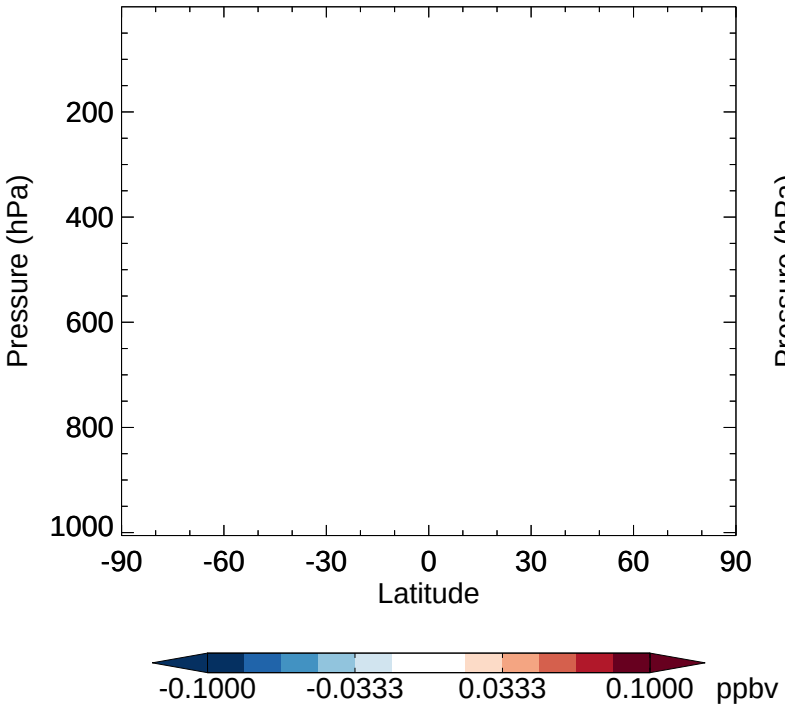
ACTA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

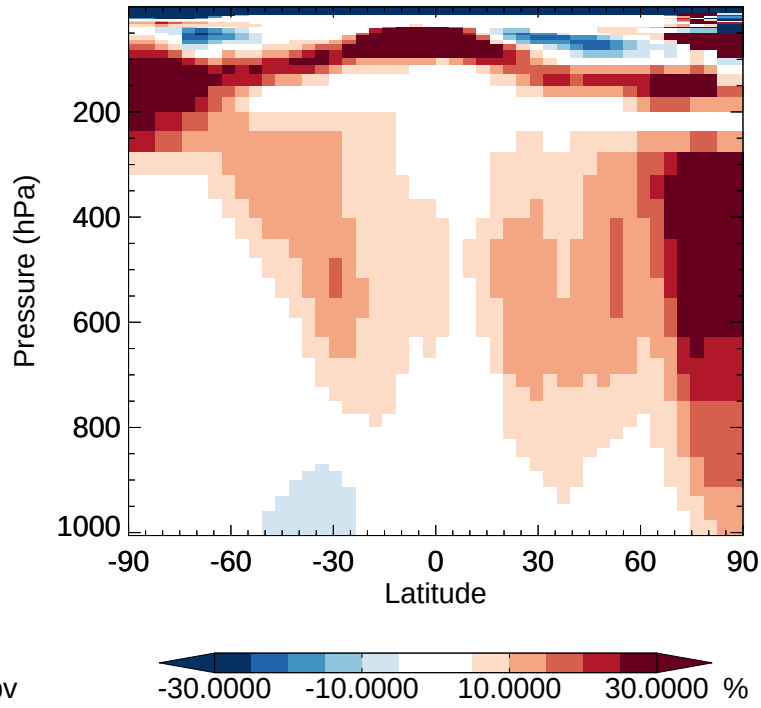
v11-02e-Run0 - v11-02d-Run1

HPALD - Zonal mean abs diff for Apr



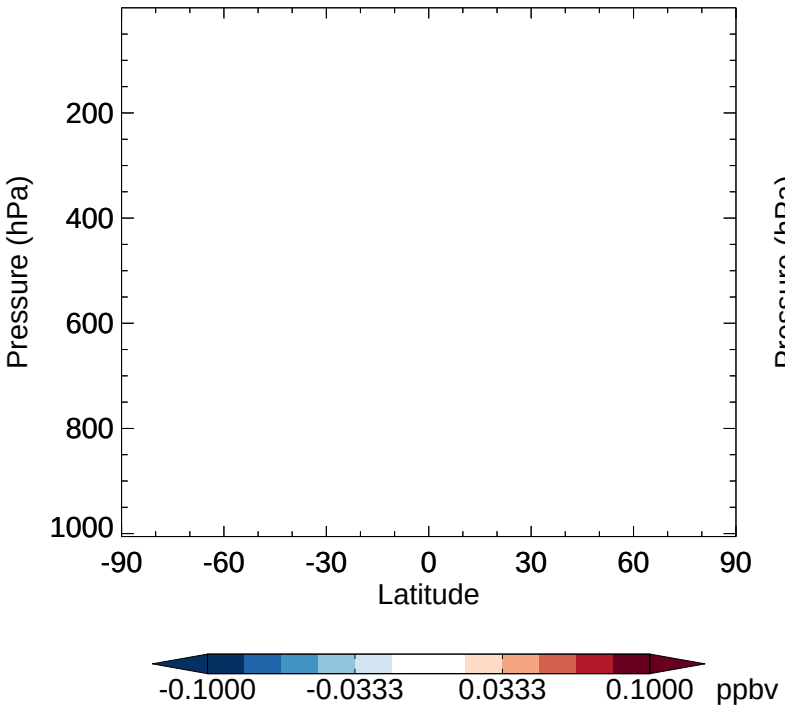
v11-02e-Run0 / v11-02d-Run1

HPALD - Zonal mean % diff for Apr



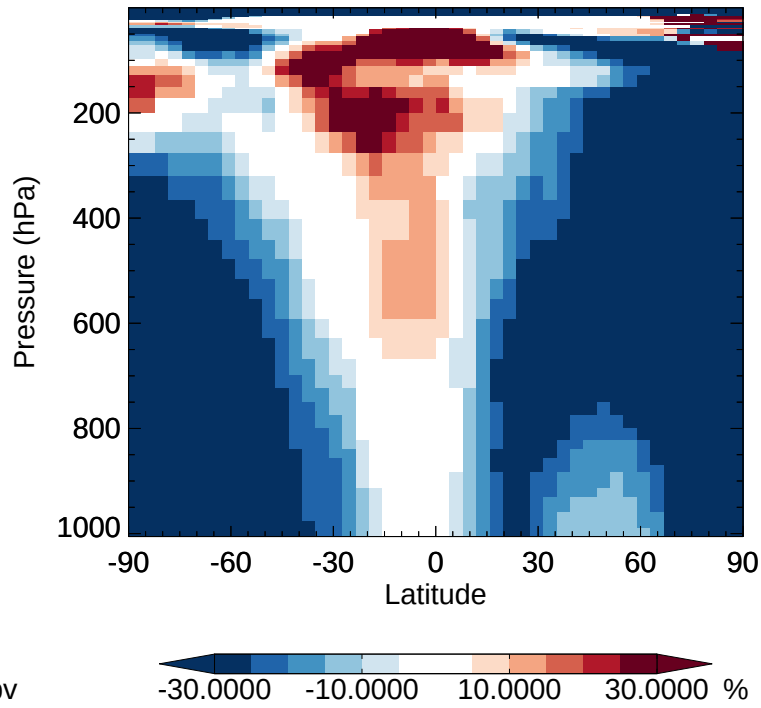
v11-02e-Run0 - v11-02c-Run0

HPALD - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

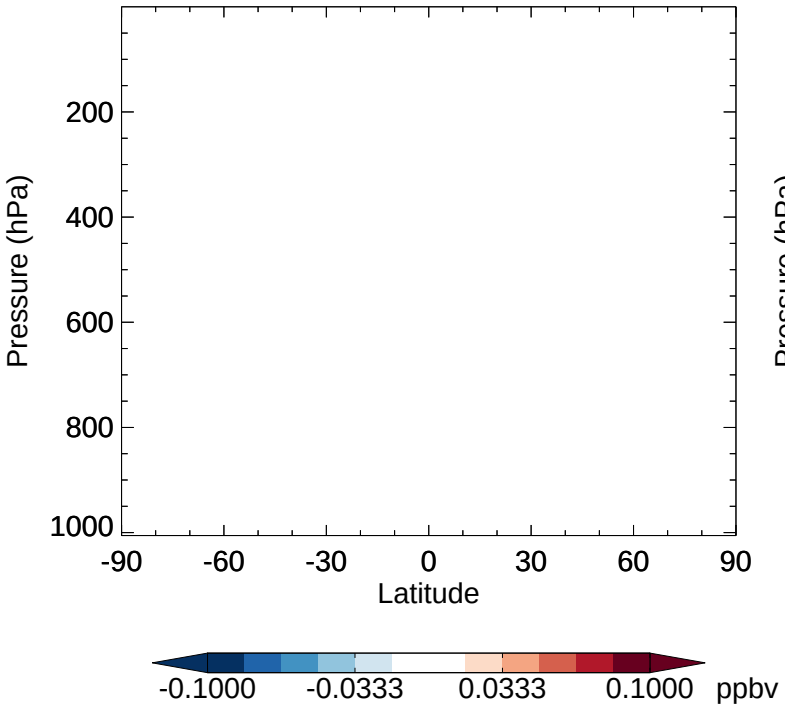
HPALD - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

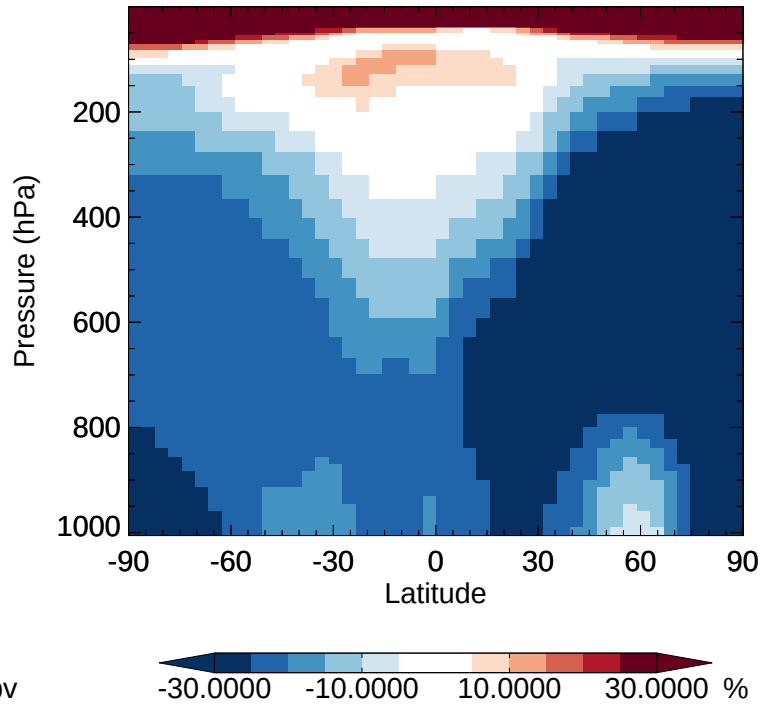
v11-02e-Run0 - v11-02d-Run1

DHDN - Zonal mean abs diff for Apr



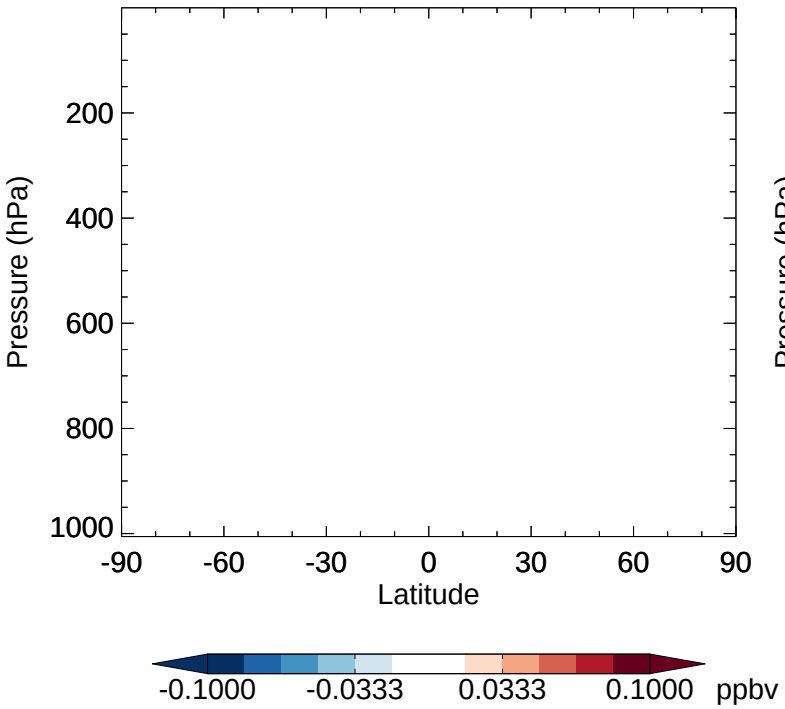
v11-02e-Run0 / v11-02d-Run1

DHDN - Zonal mean % diff for Apr



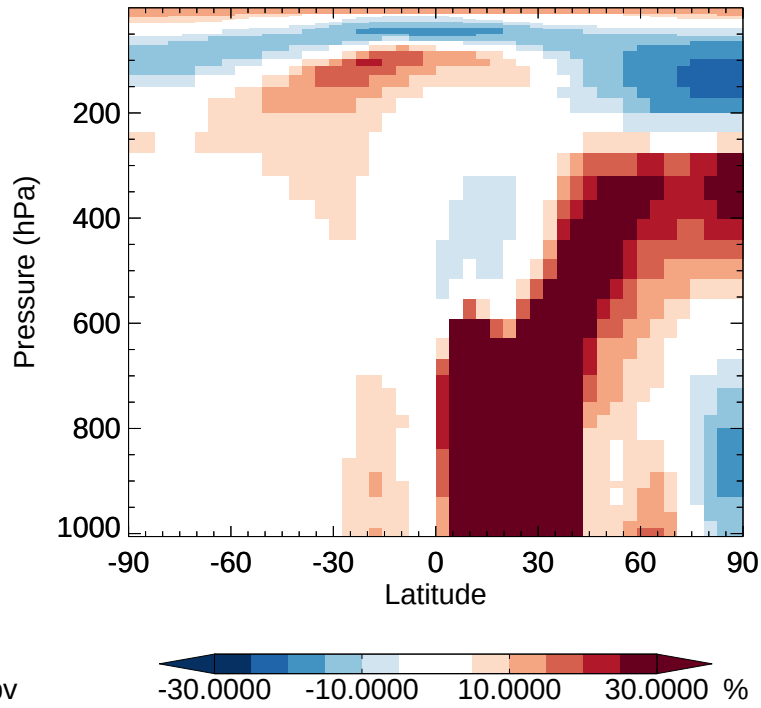
v11-02e-Run0 - v11-02c-Run0

DHDN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

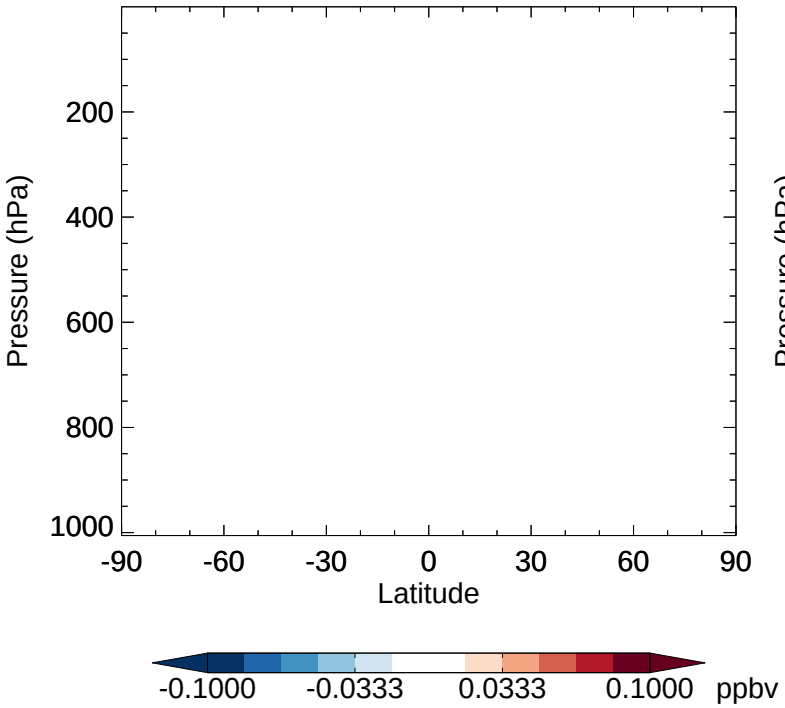
DHDN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

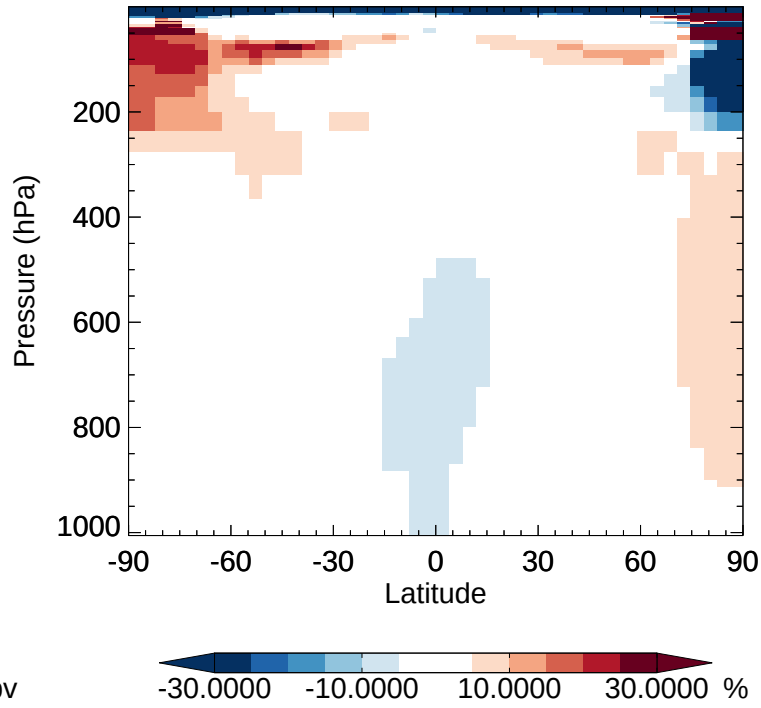
v11-02e-Run0 - v11-02d-Run1

ETHLN - Zonal mean abs diff for Apr



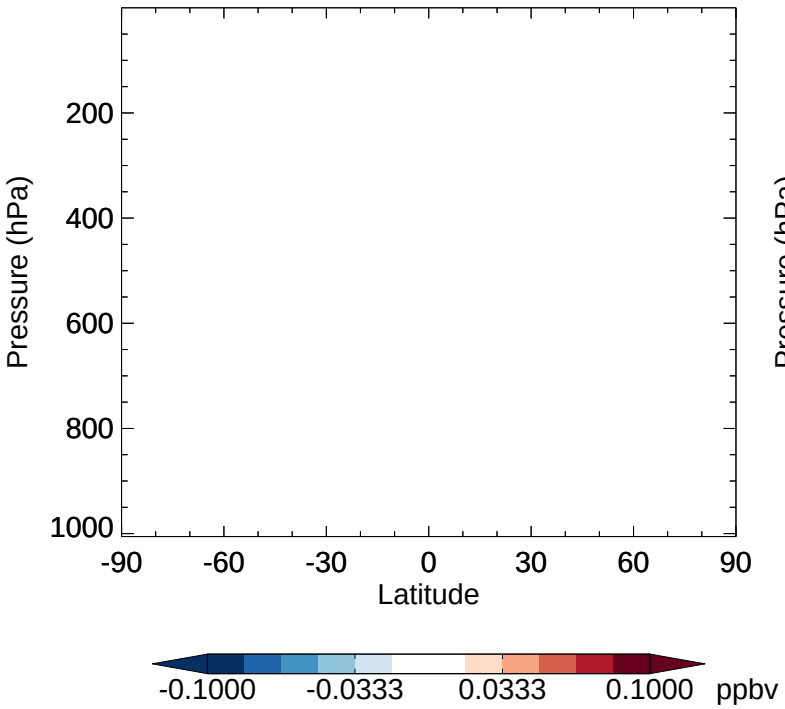
v11-02e-Run0 / v11-02d-Run1

ETHLN - Zonal mean % diff for Apr



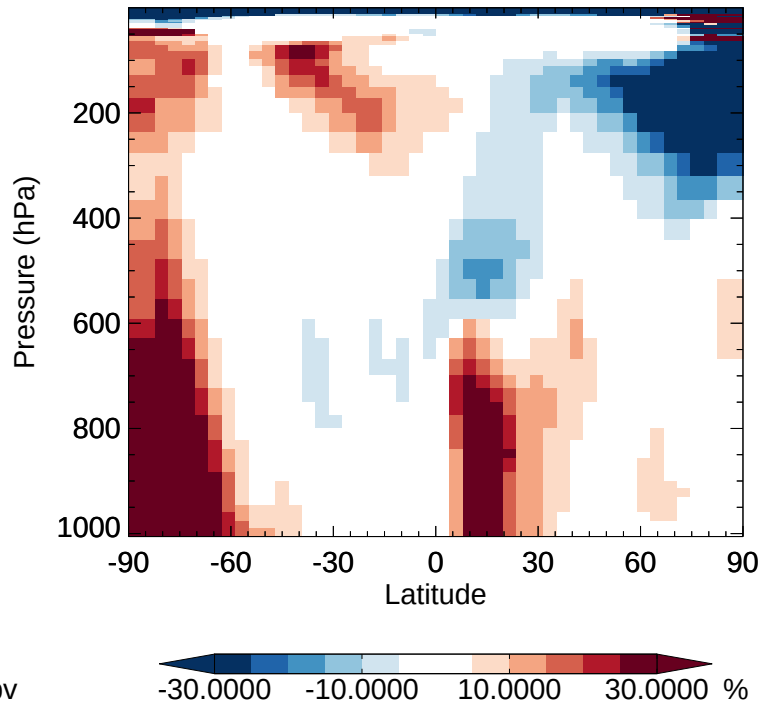
v11-02e-Run0 - v11-02c-Run0

ETHLN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

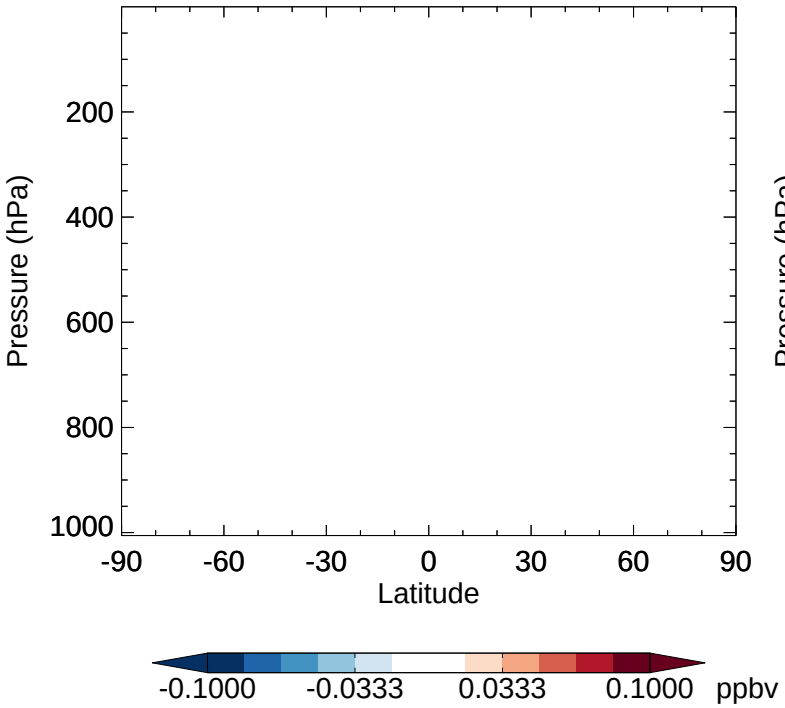
ETHLN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

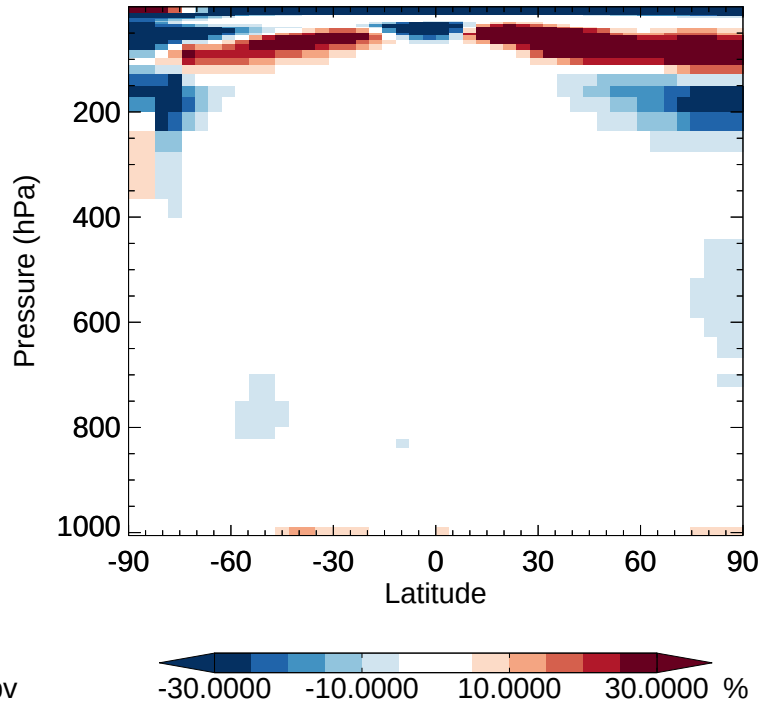
v11-02e-Run0 - v11-02d-Run1

HCOOH - Zonal mean abs diff for Apr



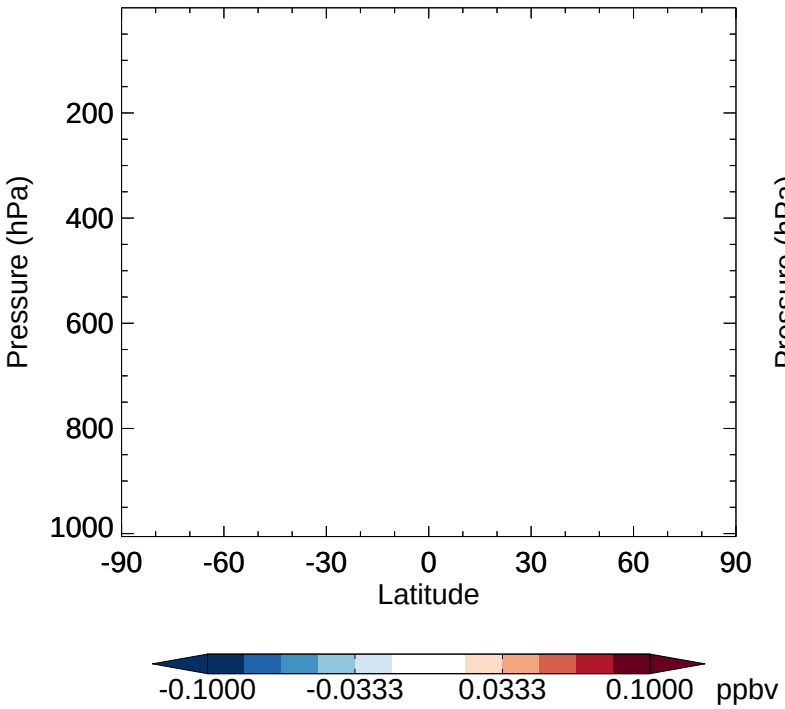
v11-02e-Run0 / v11-02d-Run1

HCOOH - Zonal mean % diff for Apr



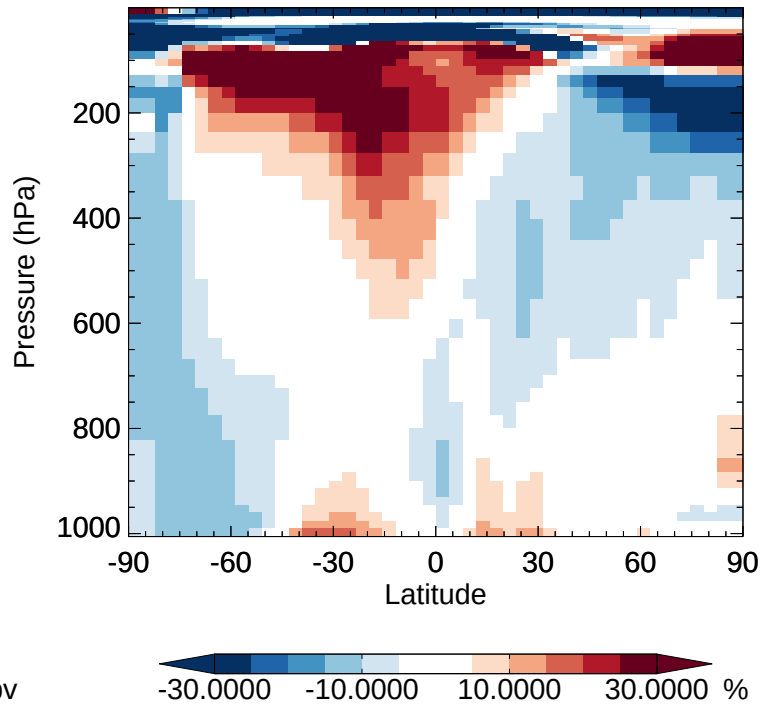
v11-02e-Run0 - v11-02c-Run0

HCOOH - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

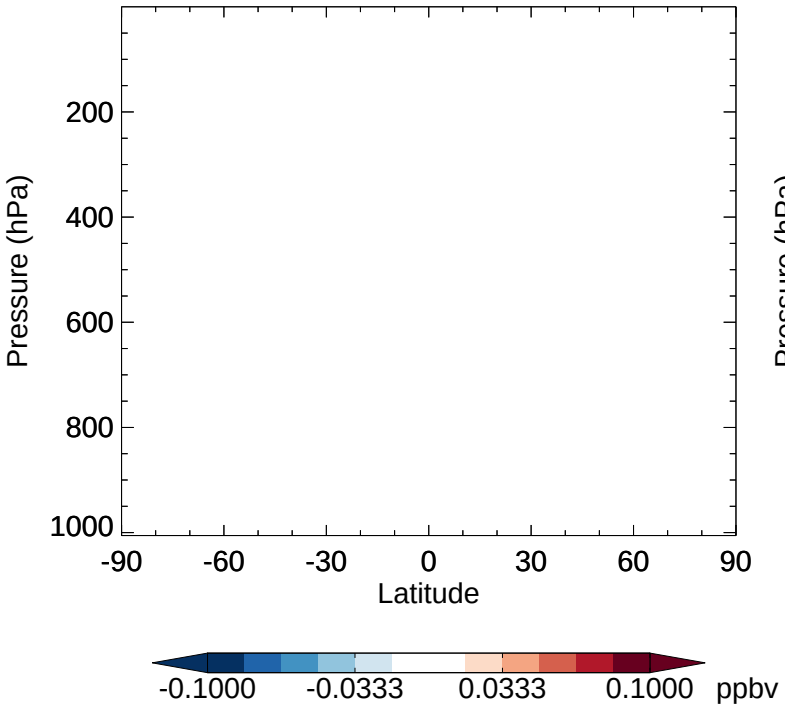
HCOOH - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

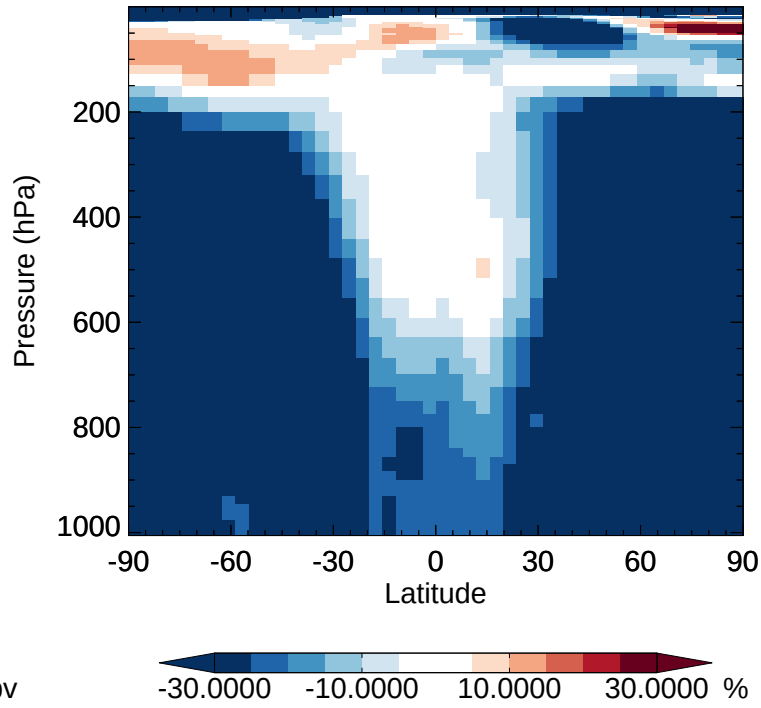
v11-02e-Run0 - v11-02d-Run1

IEPOXA - Zonal mean abs diff for Apr



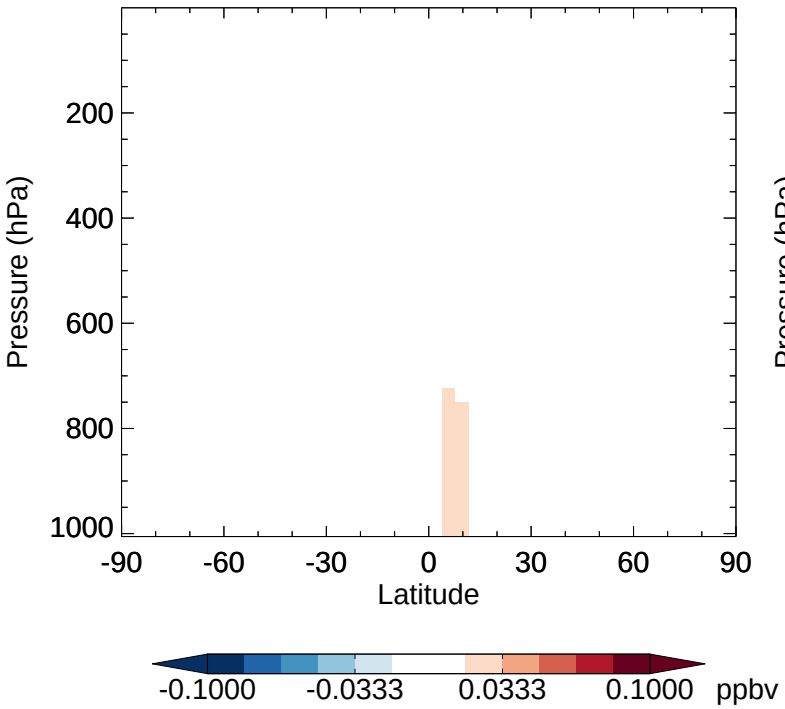
v11-02e-Run0 / v11-02d-Run1

IEPOXA - Zonal mean % diff for Apr



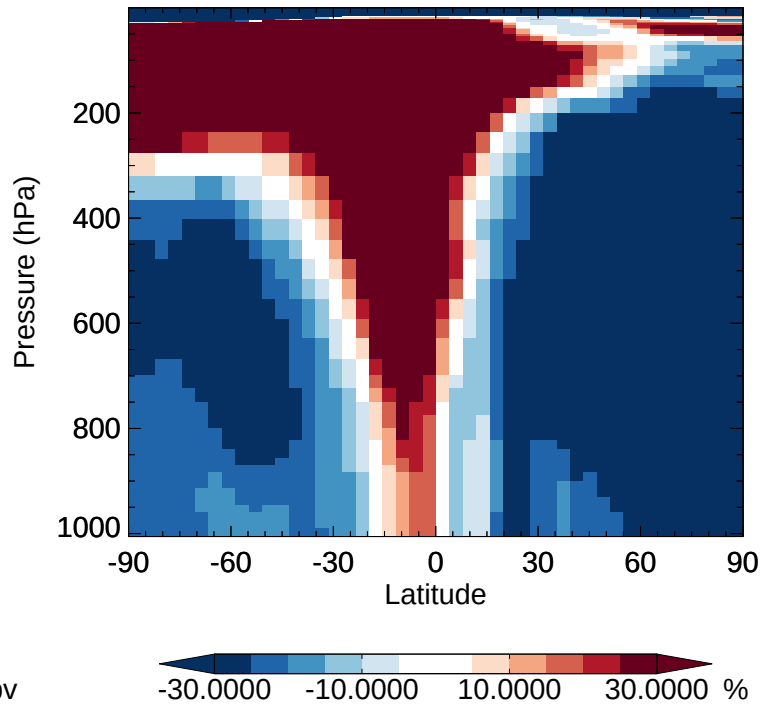
v11-02e-Run0 - v11-02c-Run0

IEPOXA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

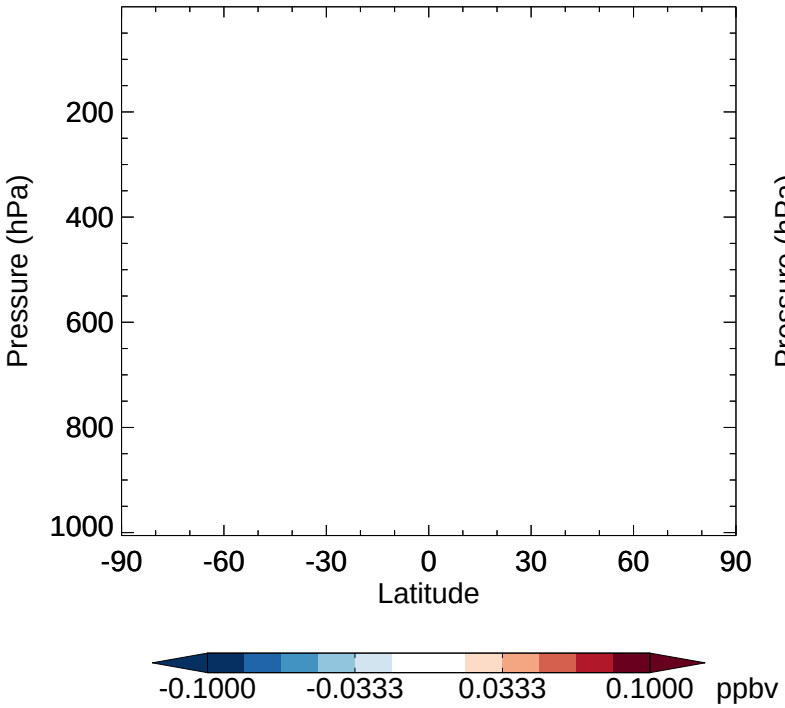
IEPOXA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

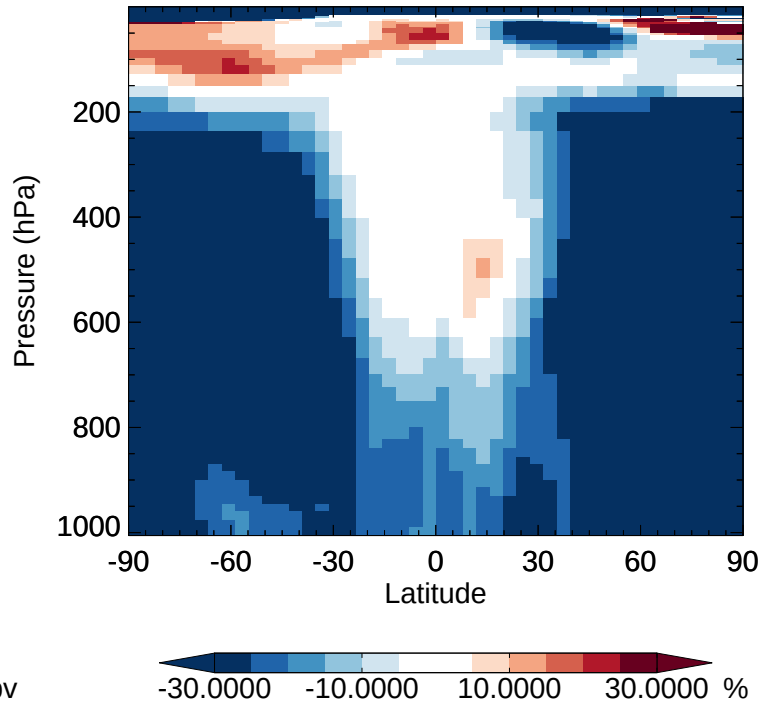
v11-02e-Run0 - v11-02d-Run1

IEPOXB - Zonal mean abs diff for Apr



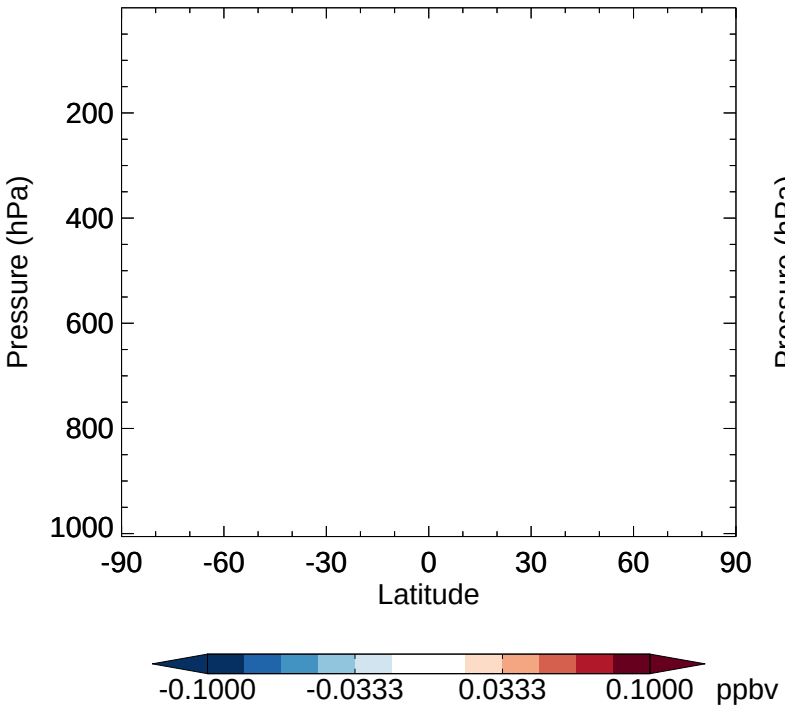
v11-02e-Run0 / v11-02d-Run1

IEPOXB - Zonal mean % diff for Apr



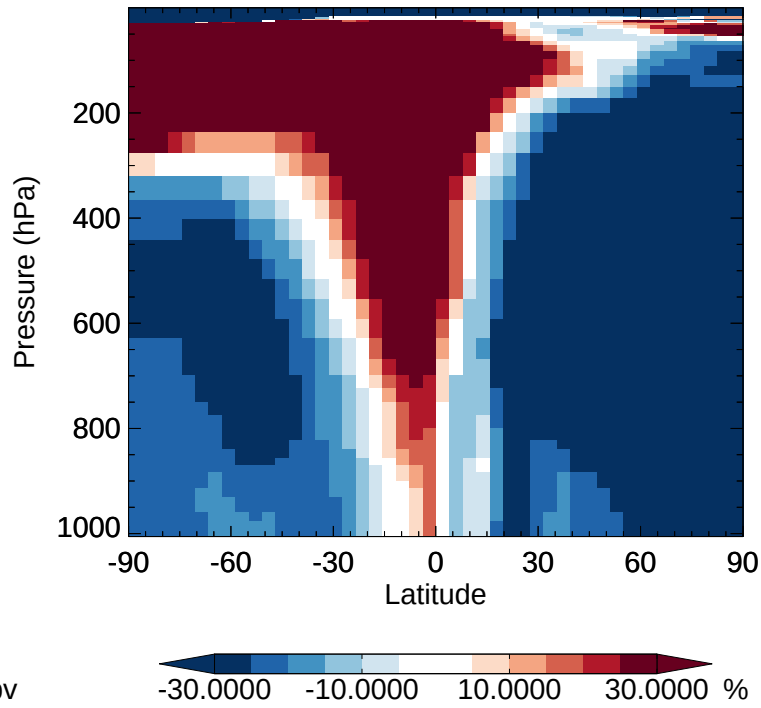
v11-02e-Run0 - v11-02c-Run0

IEPOXB - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

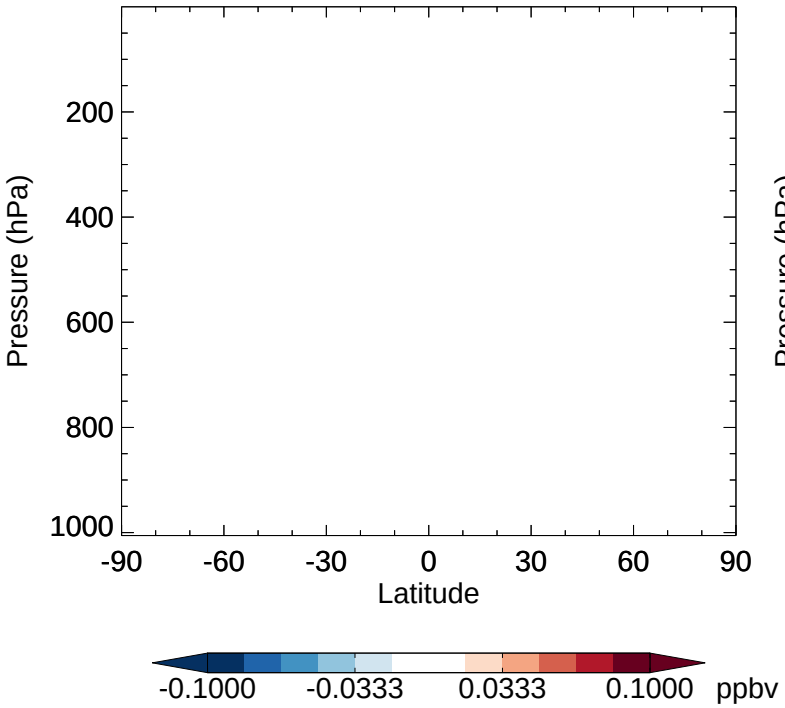
IEPOXB - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

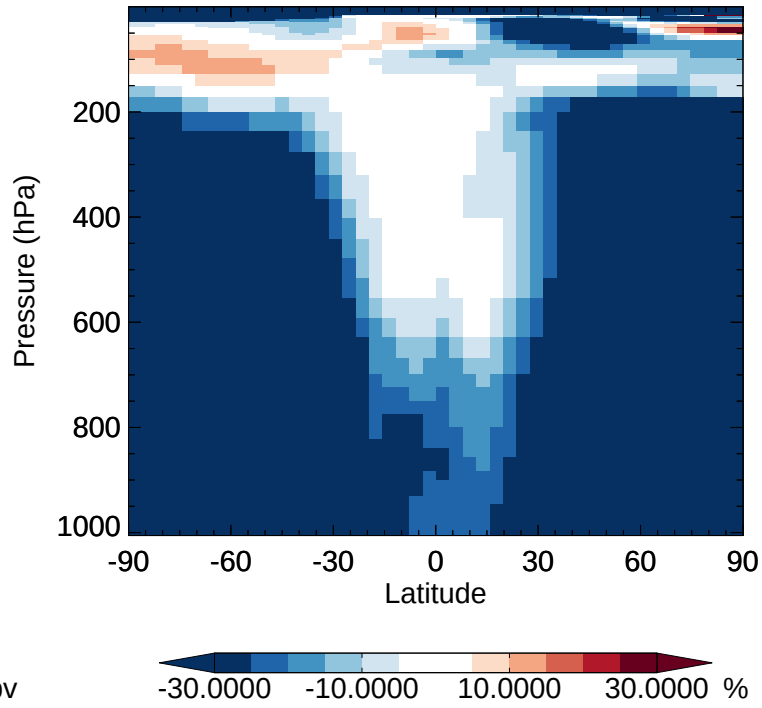
v11-02e-Run0 - v11-02d-Run1

IEPOXD - Zonal mean abs diff for Apr



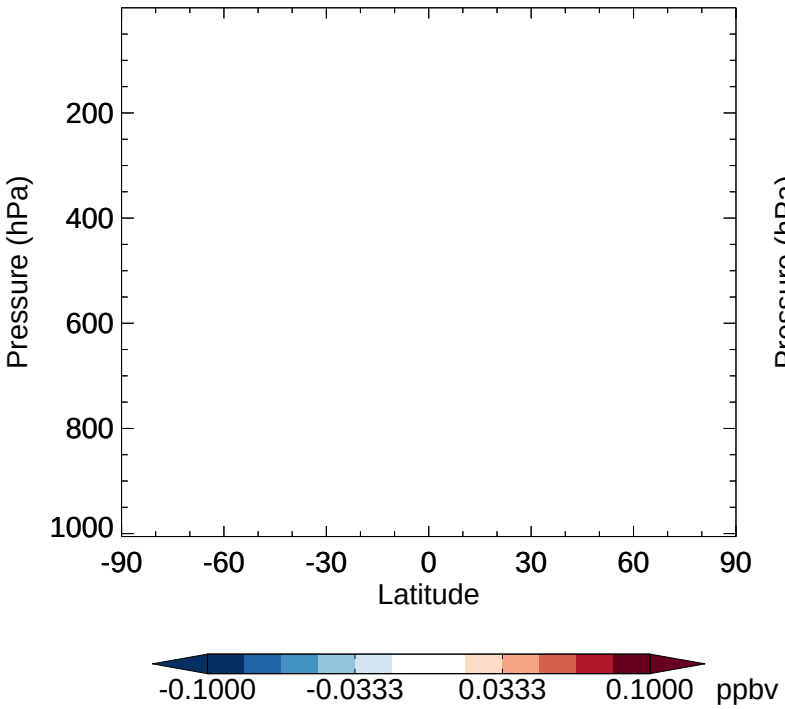
v11-02e-Run0 / v11-02d-Run1

IEPOXD - Zonal mean % diff for Apr



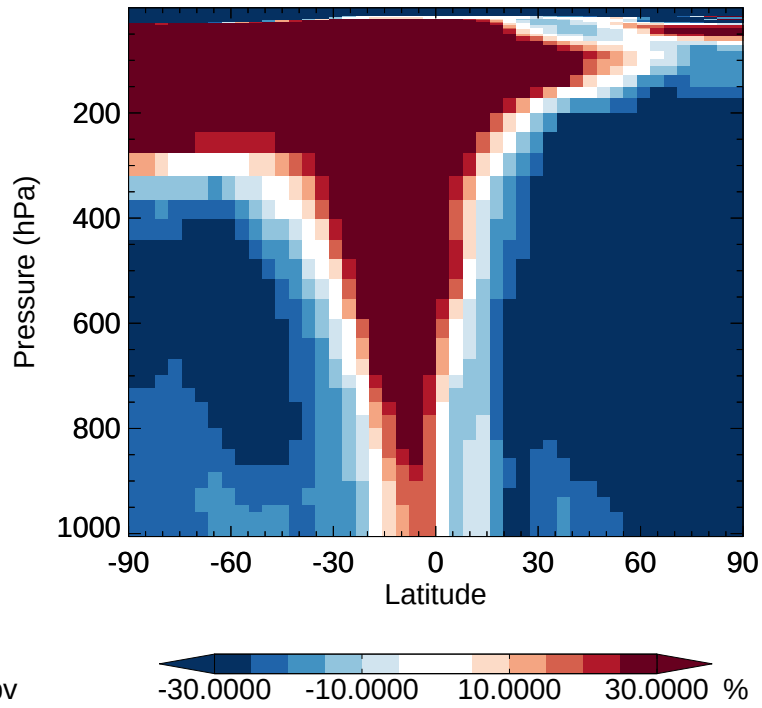
v11-02e-Run0 - v11-02c-Run0

IEPOXD - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

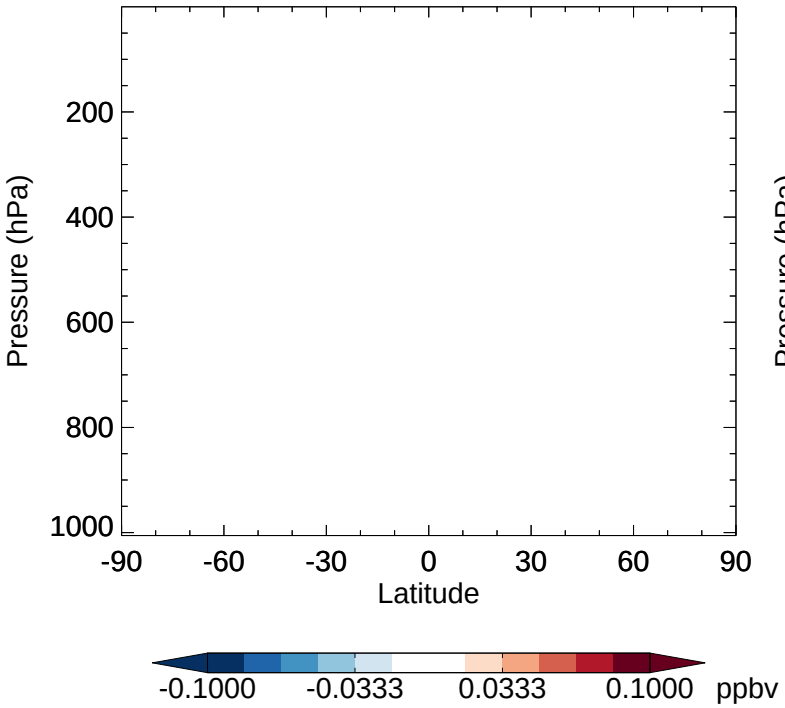
IEPOXD - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

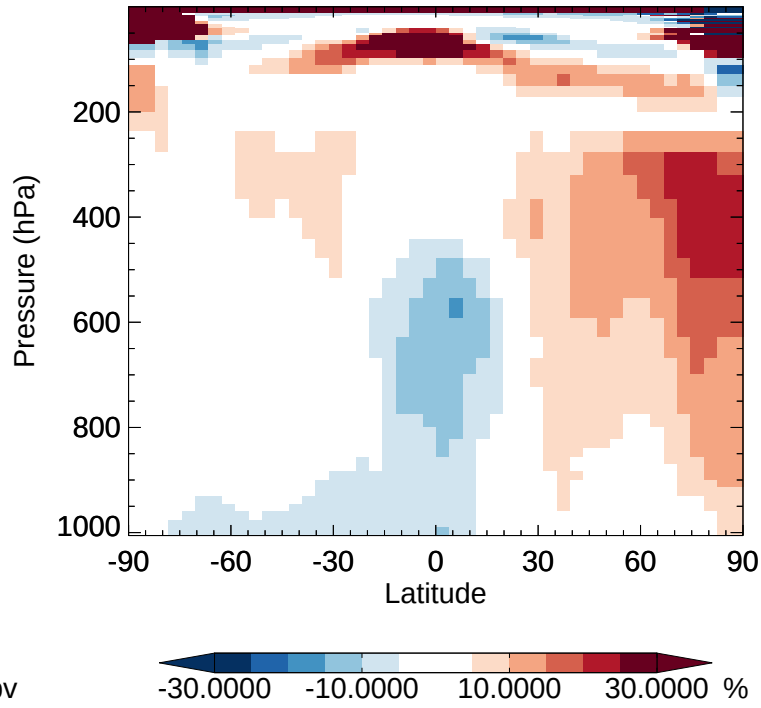
v11-02e-Run0 - v11-02d-Run1

ISN1 - Zonal mean abs diff for Apr



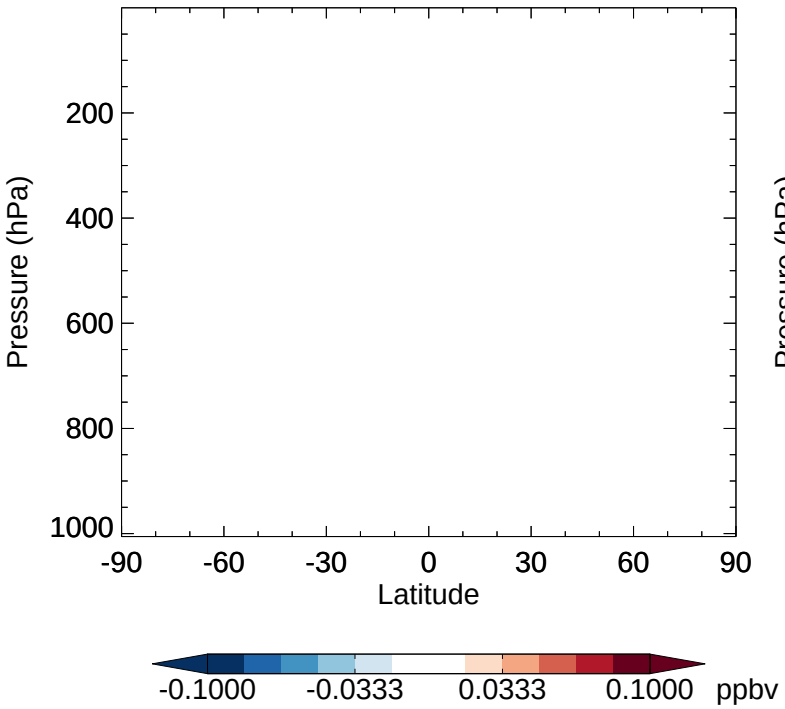
v11-02e-Run0 / v11-02d-Run1

ISN1 - Zonal mean % diff for Apr



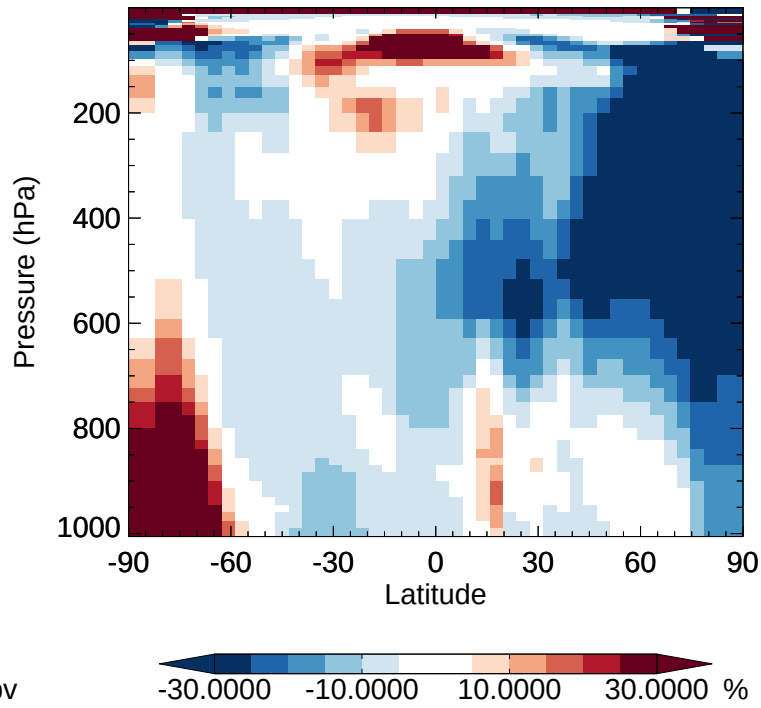
v11-02e-Run0 - v11-02c-Run0

ISN1 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

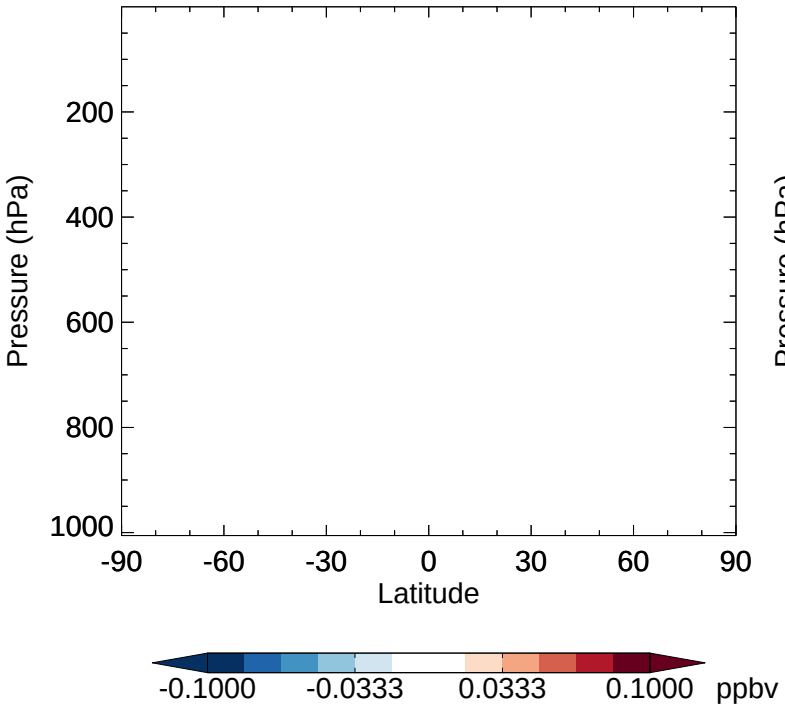
ISN1 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

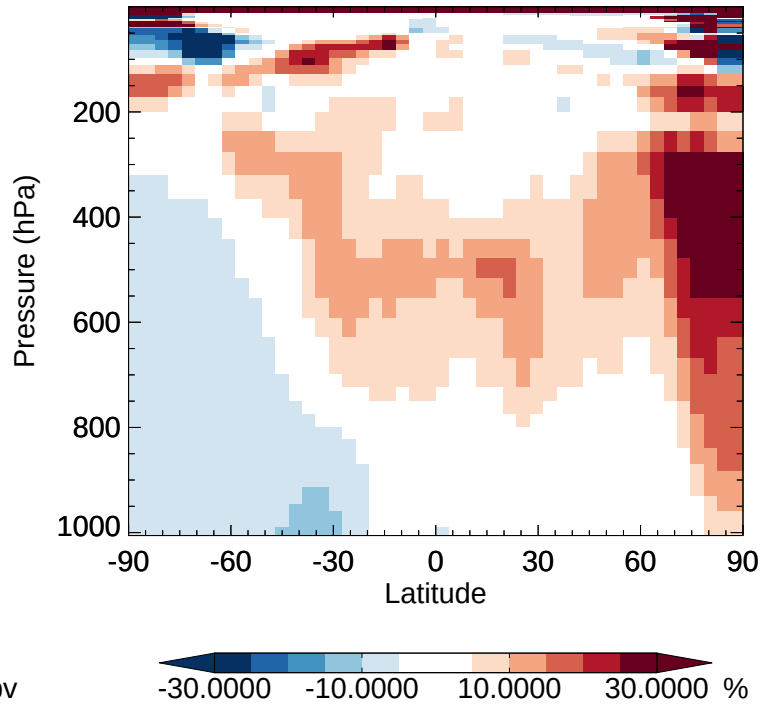
v11-02e-Run0 - v11-02d-Run1

RIPA - Zonal mean abs diff for Apr



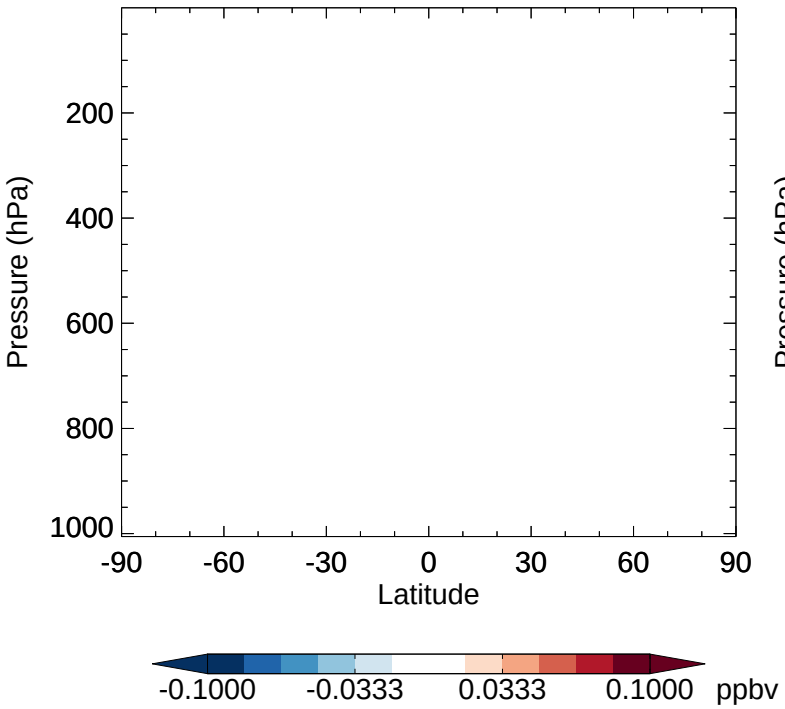
v11-02e-Run0 / v11-02d-Run1

RIPA - Zonal mean % diff for Apr



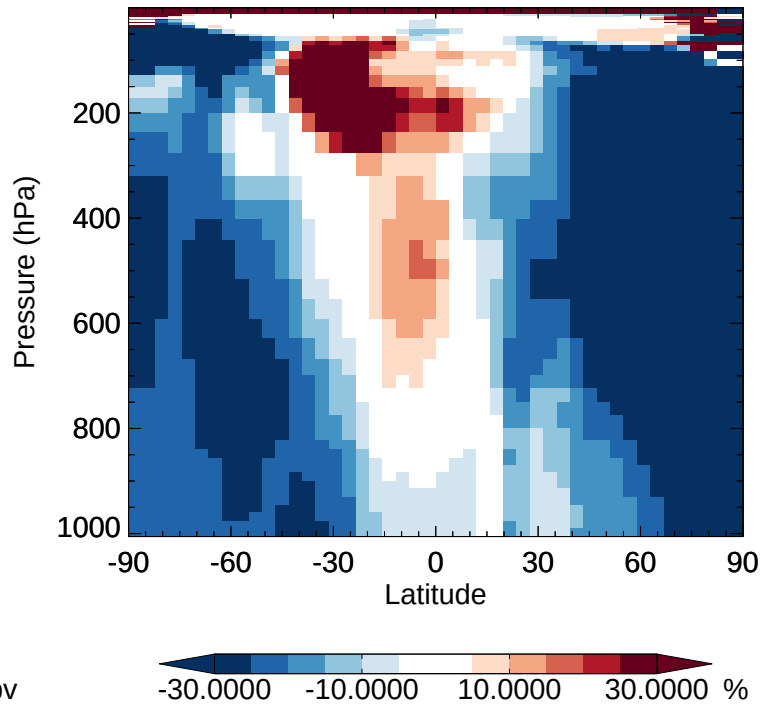
v11-02e-Run0 - v11-02c-Run0

RIPA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

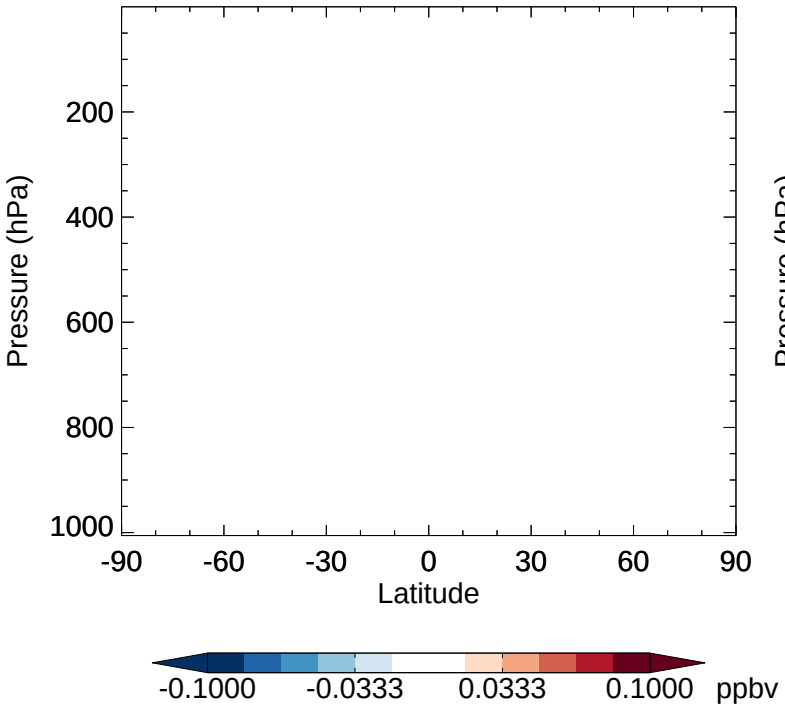
RIPA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

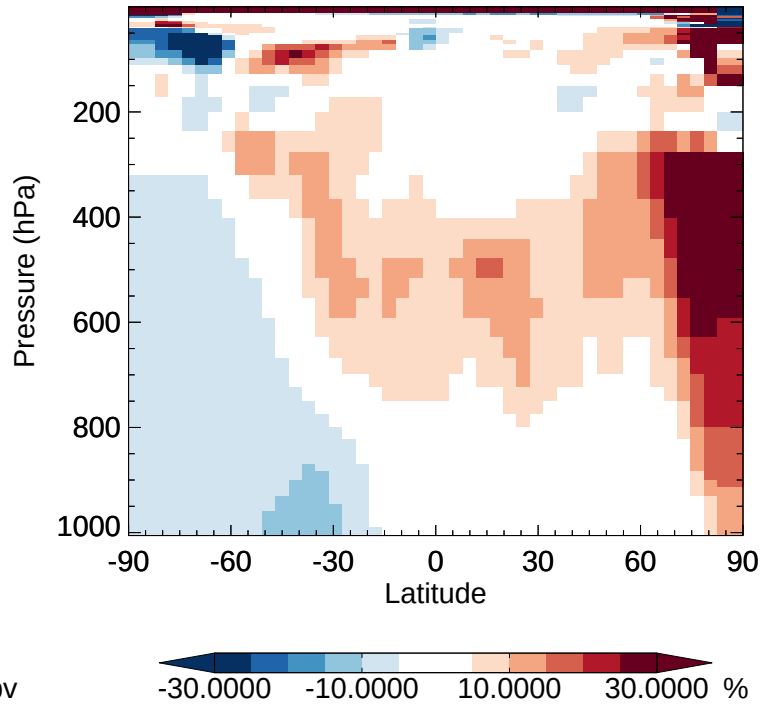
v11-02e-Run0 - v11-02d-Run1

RIPB - Zonal mean abs diff for Apr



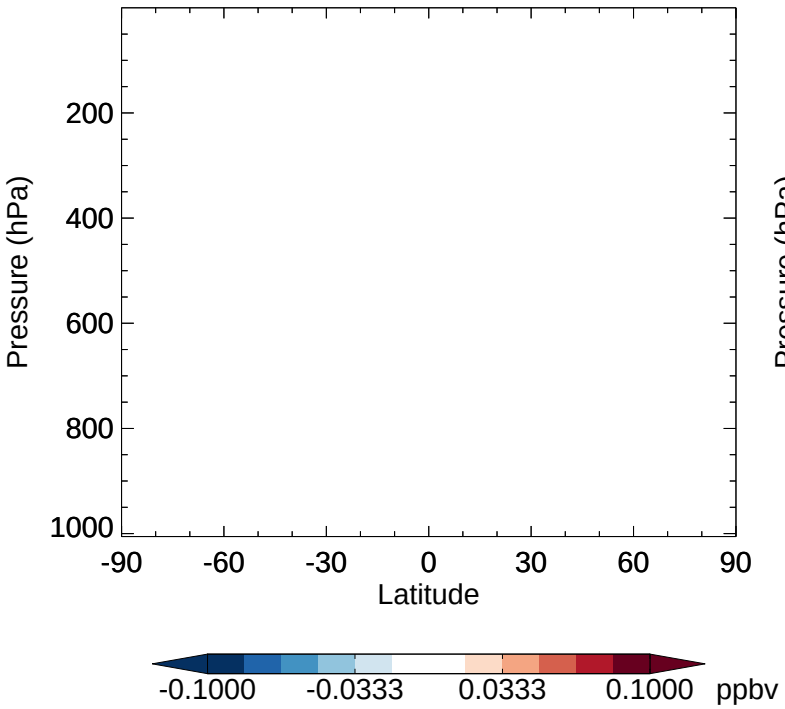
v11-02e-Run0 / v11-02d-Run1

RIPB - Zonal mean % diff for Apr



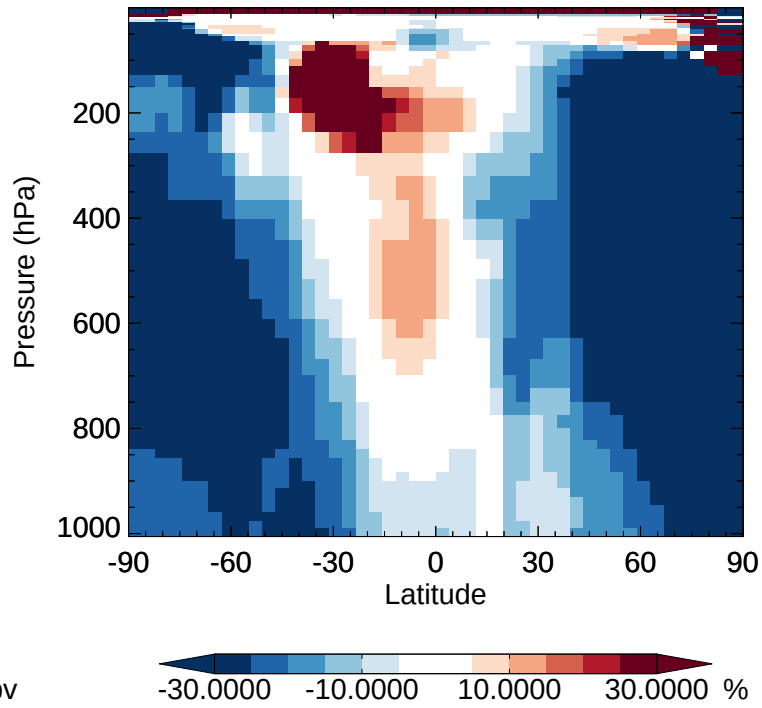
v11-02e-Run0 - v11-02c-Run0

RIPB - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

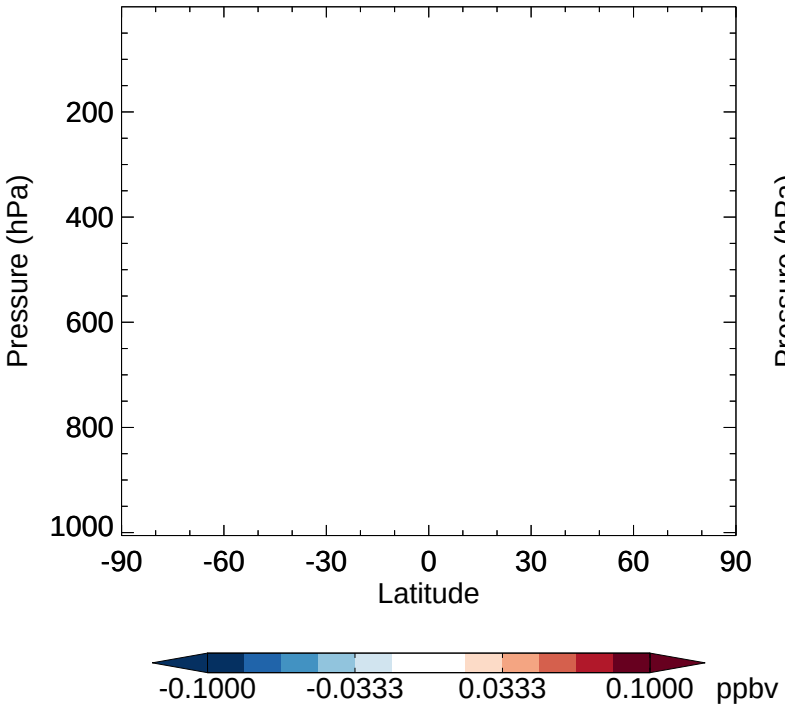
RIPB - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

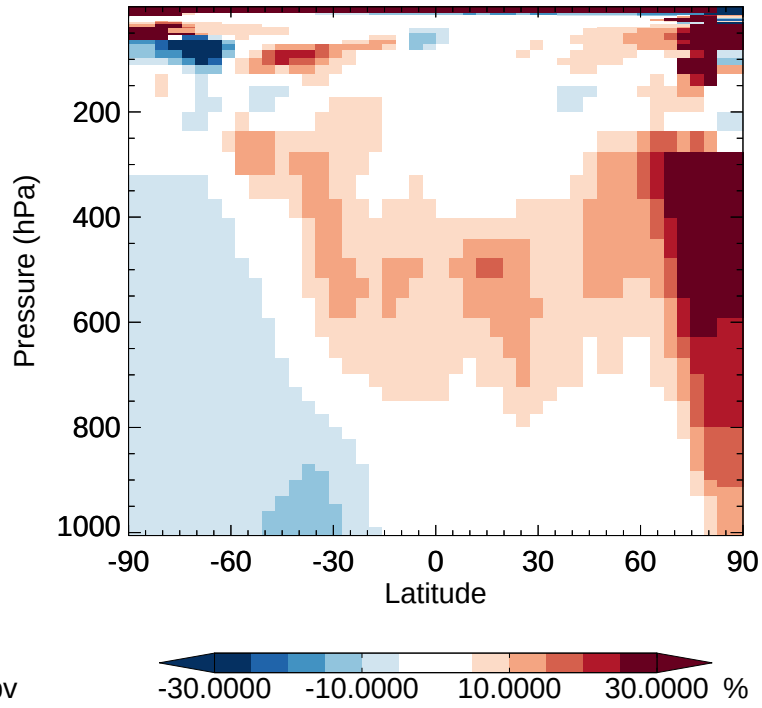
v11-02e-Run0 - v11-02d-Run1

RIPD - Zonal mean abs diff for Apr



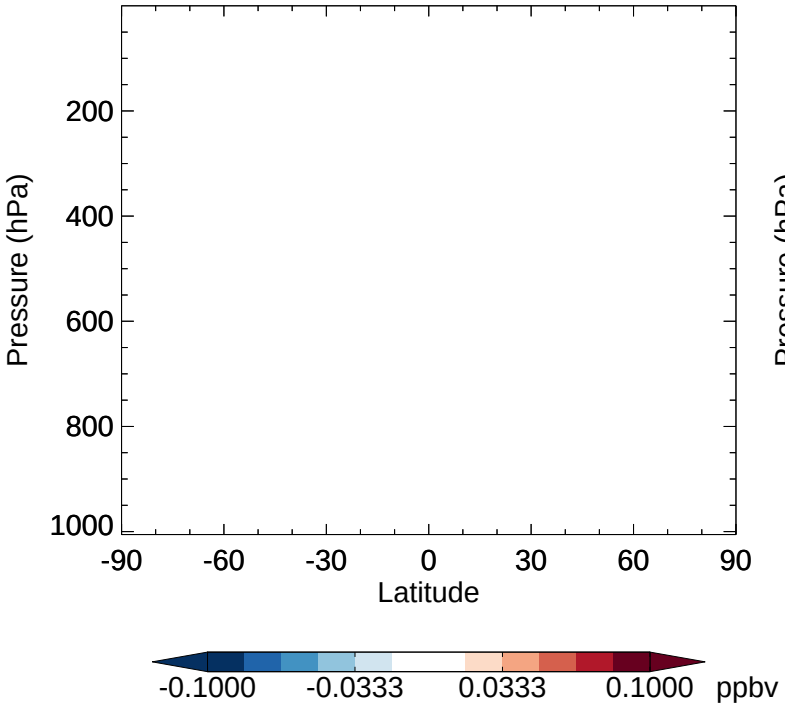
v11-02e-Run0 / v11-02d-Run1

RIPD - Zonal mean % diff for Apr



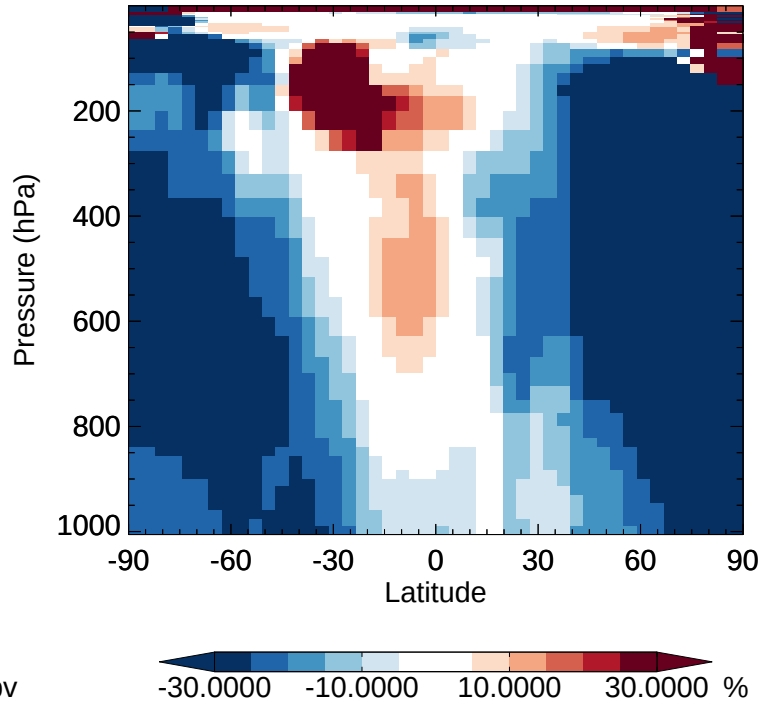
v11-02e-Run0 - v11-02c-Run0

RIPD - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

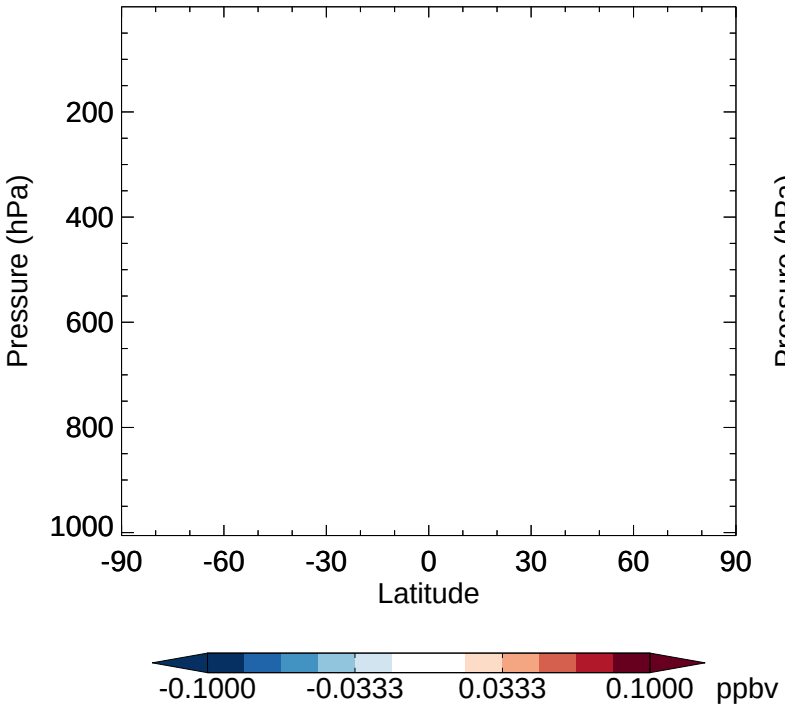
RIPD - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

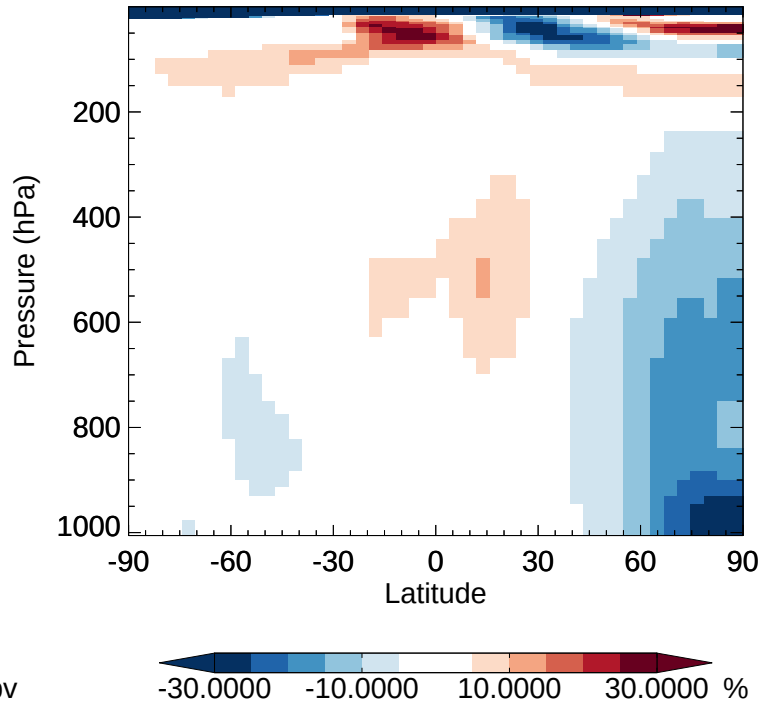
v11-02e-Run0 - v11-02d-Run1

IMAE - Zonal mean abs diff for Apr



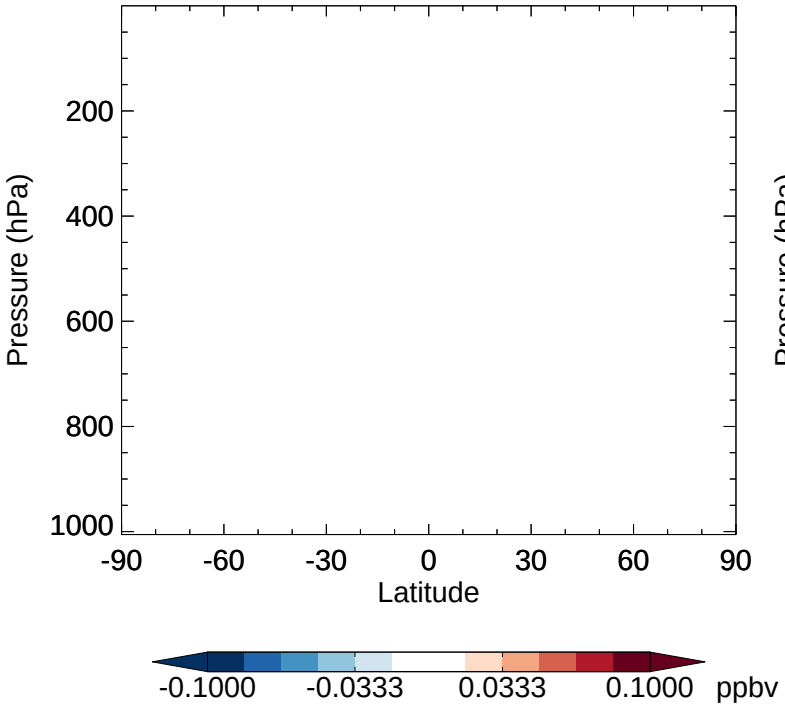
v11-02e-Run0 / v11-02d-Run1

IMAE - Zonal mean % diff for Apr



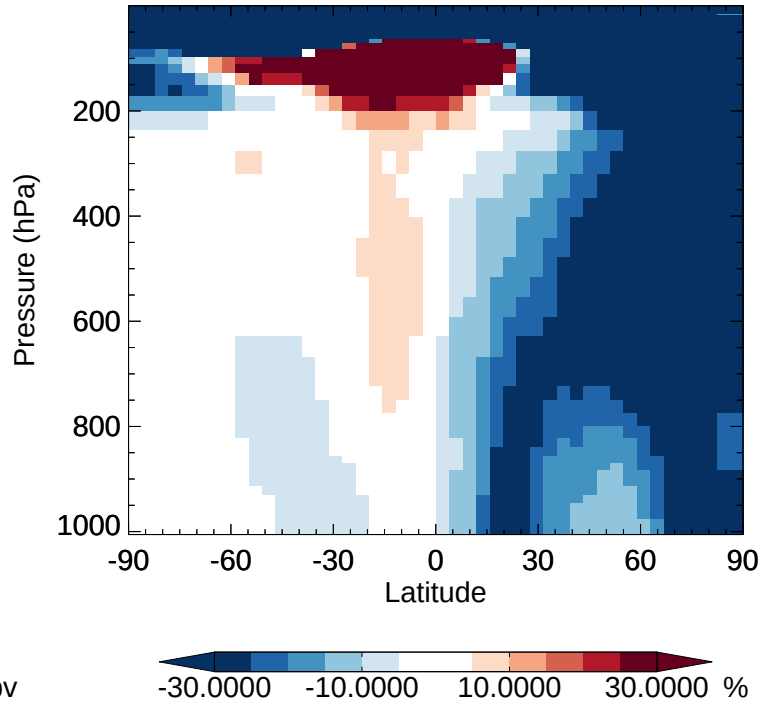
v11-02e-Run0 - v11-02c-Run0

IMAE - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

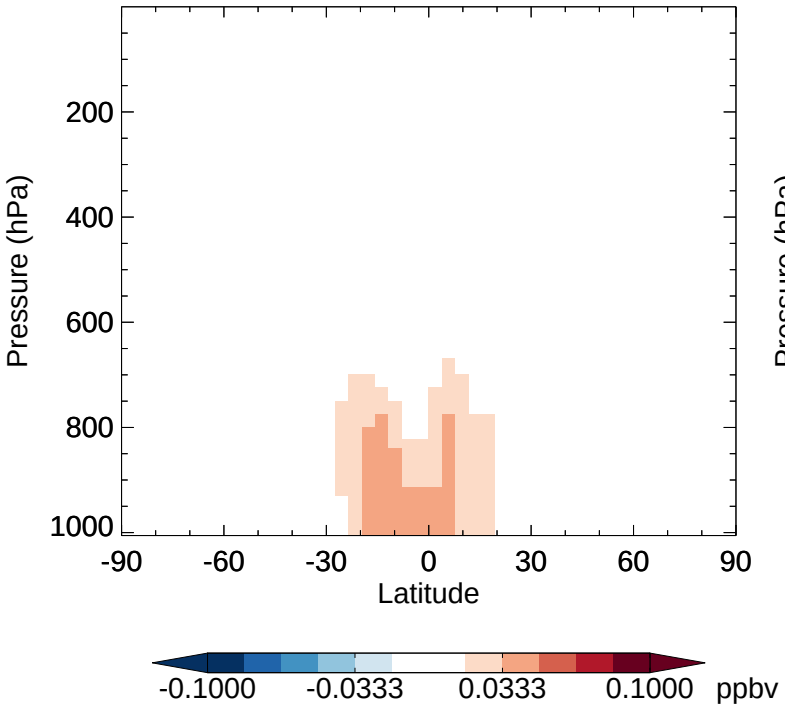
IMAE - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

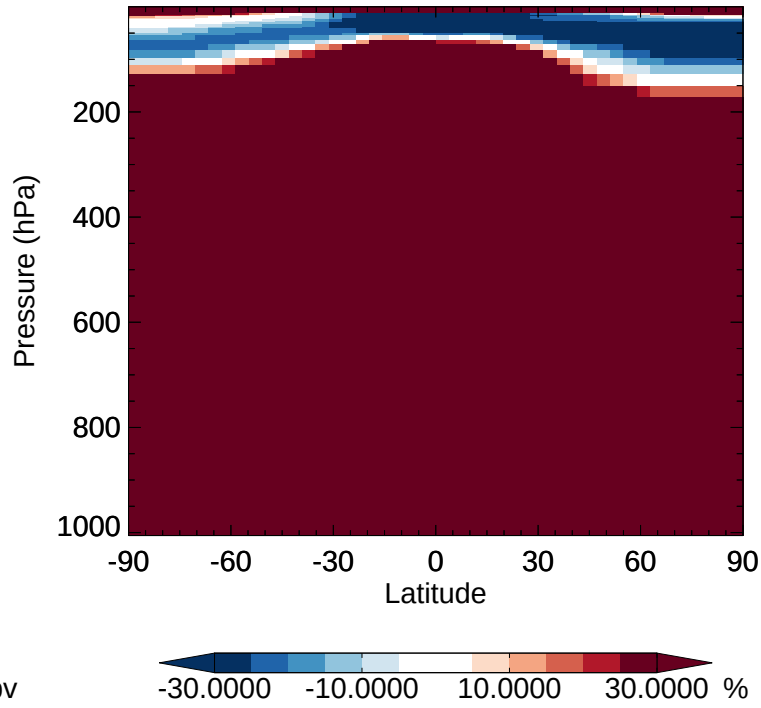
v11-02e-Run0 - v11-02d-Run1

SOAIE - Zonal mean abs diff for Apr



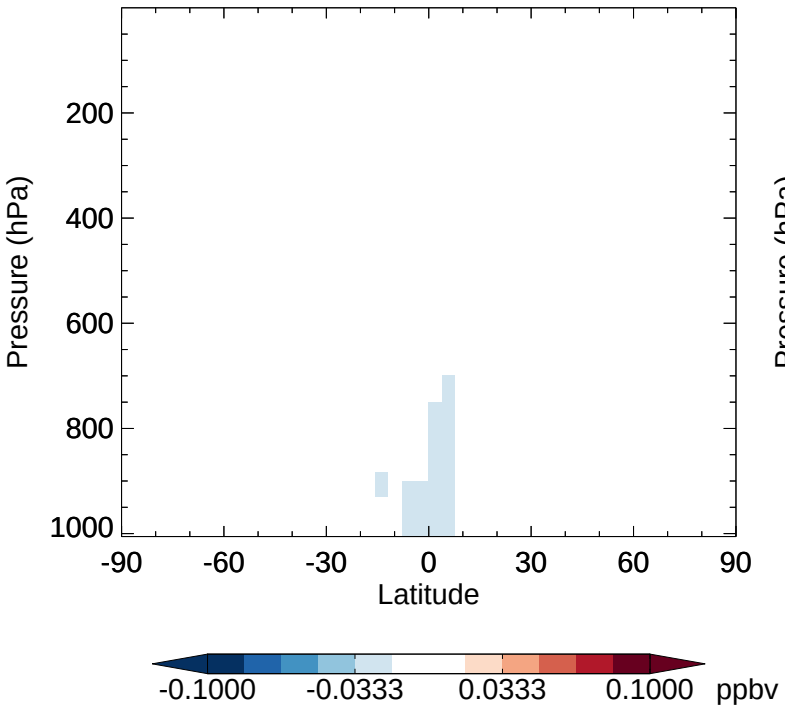
v11-02e-Run0 / v11-02d-Run1

SOAIE - Zonal mean % diff for Apr



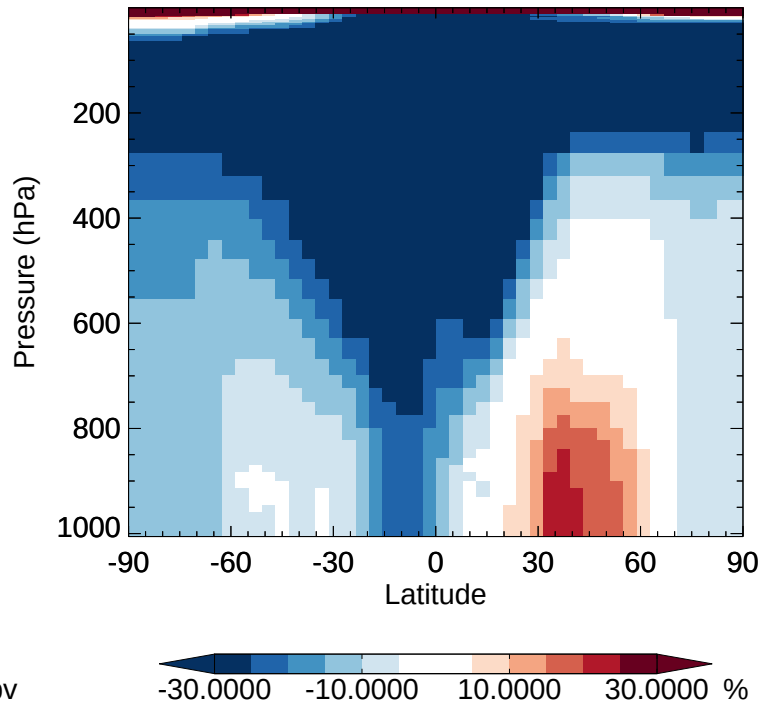
v11-02e-Run0 - v11-02c-Run0

SOAIE - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

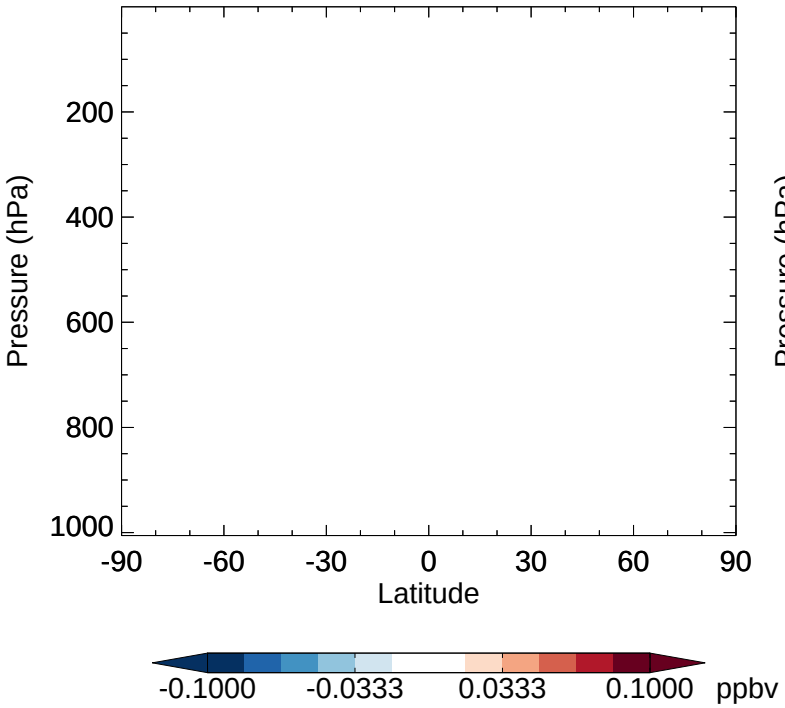
SOAIE - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

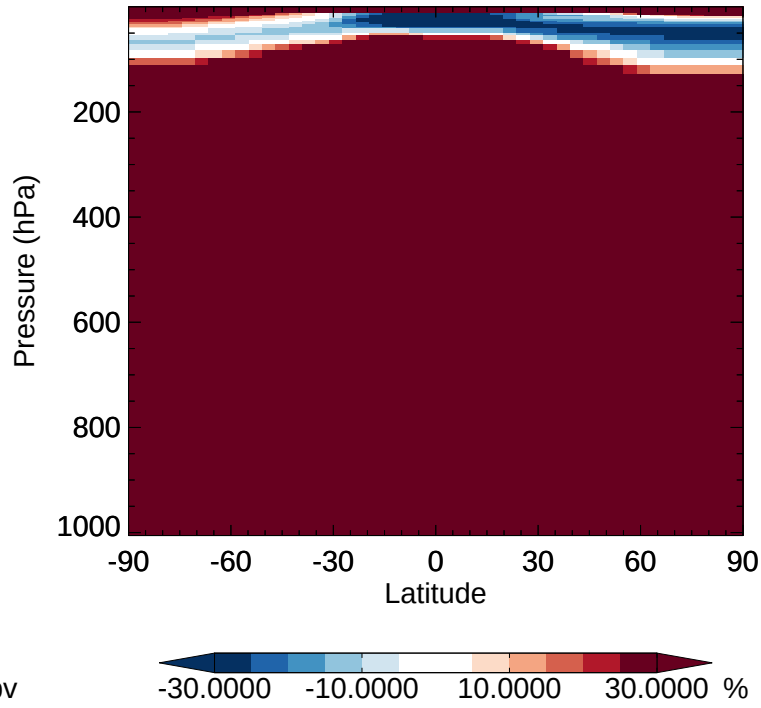
v11-02e-Run0 - v11-02d-Run1

SOAME - Zonal mean abs diff for Apr



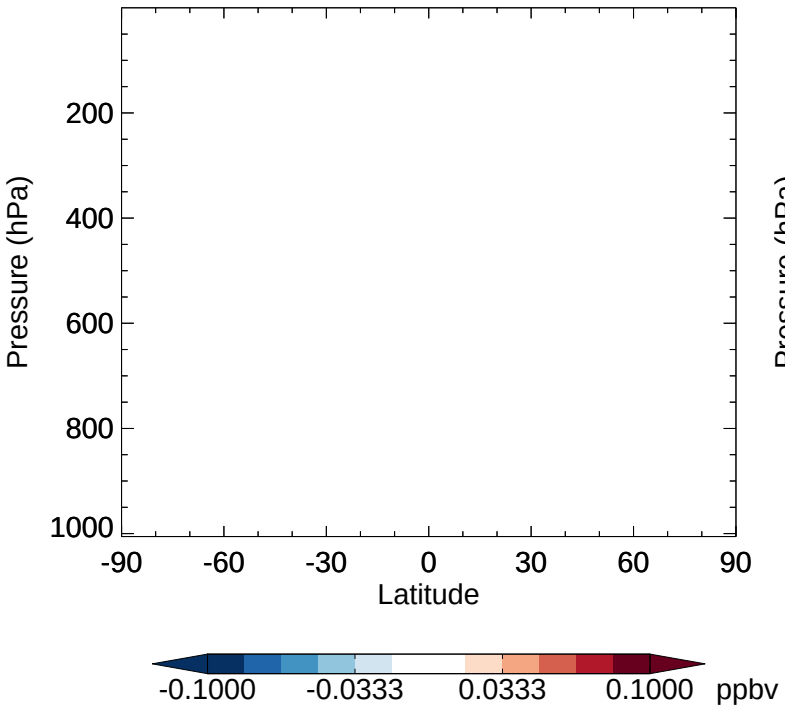
v11-02e-Run0 / v11-02d-Run1

SOAME - Zonal mean % diff for Apr



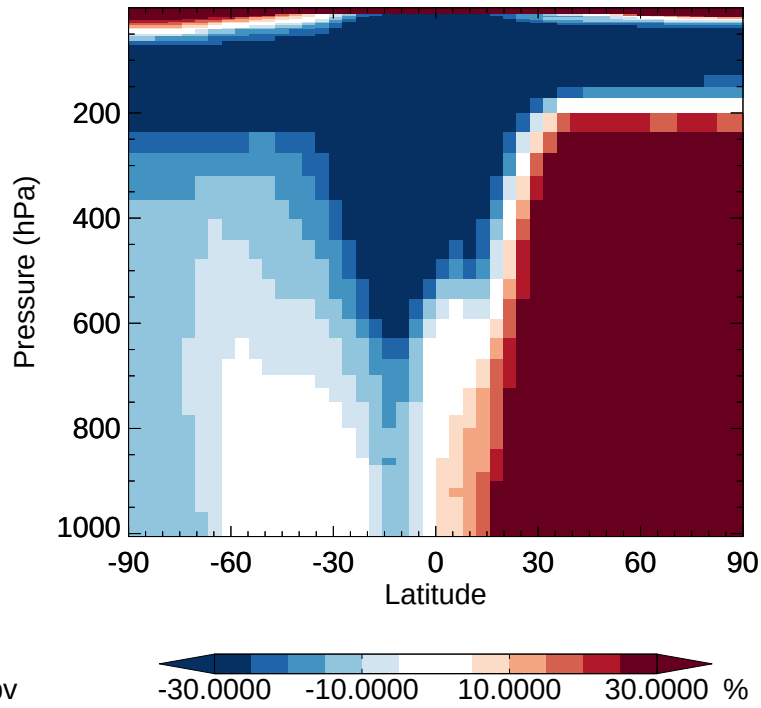
v11-02e-Run0 - v11-02c-Run0

SOAME - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

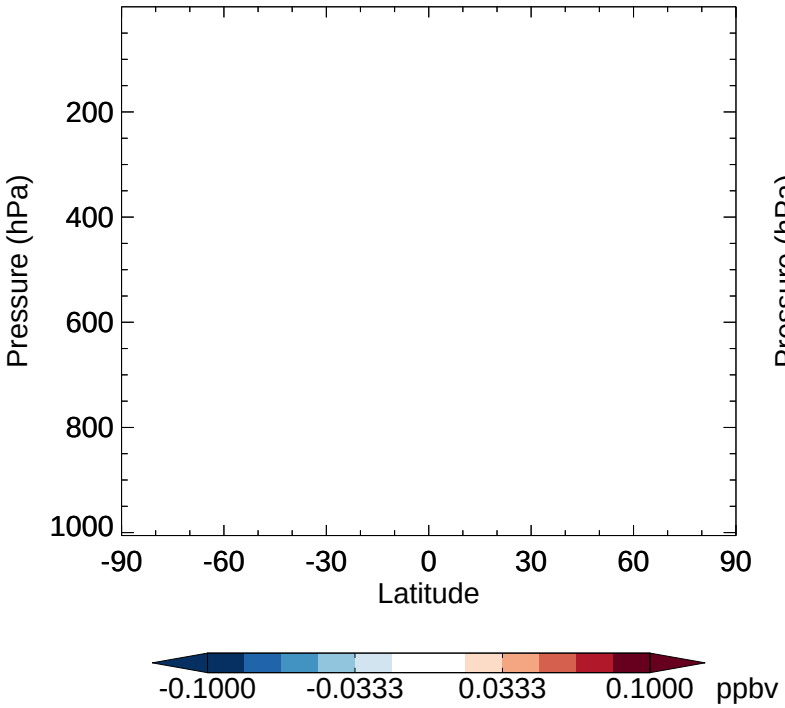
SOAME - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

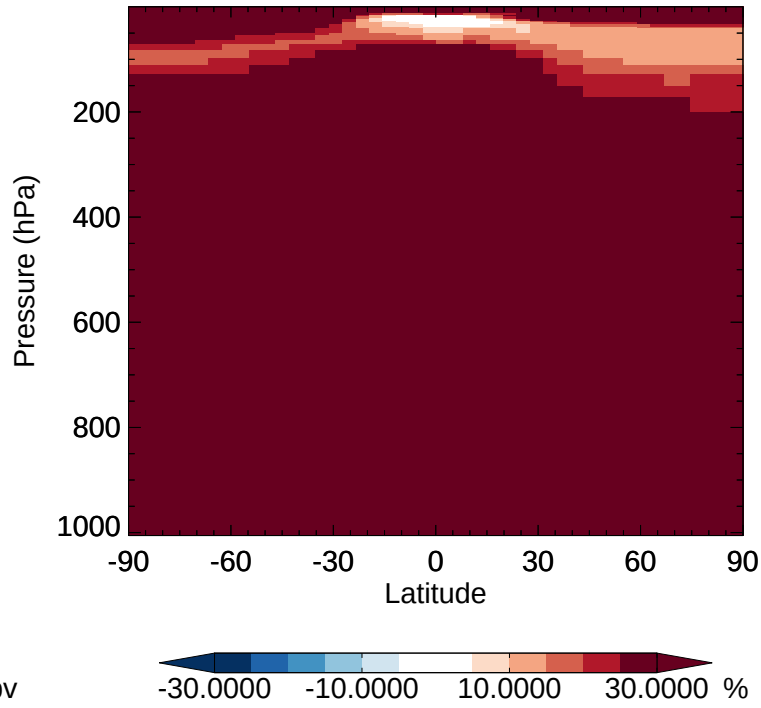
v11-02e-Run0 - v11-02d-Run1

SOAGX - Zonal mean abs diff for Apr



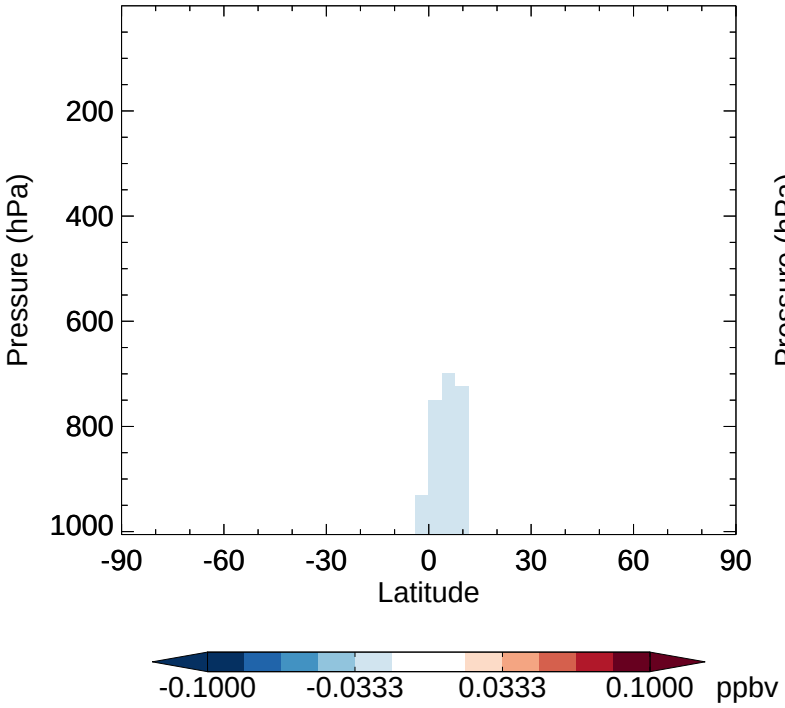
v11-02e-Run0 / v11-02d-Run1

SOAGX - Zonal mean % diff for Apr



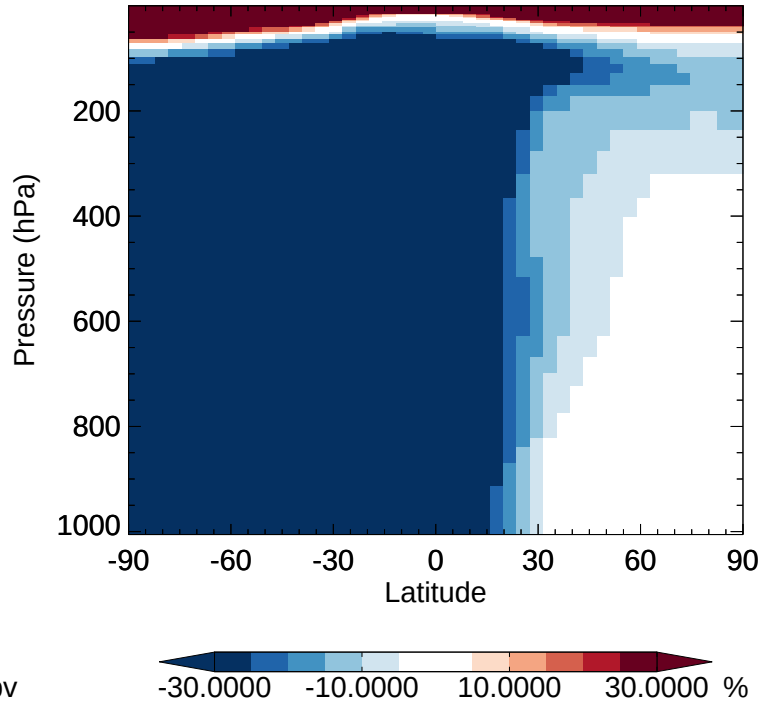
v11-02e-Run0 - v11-02c-Run0

SOAGX - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

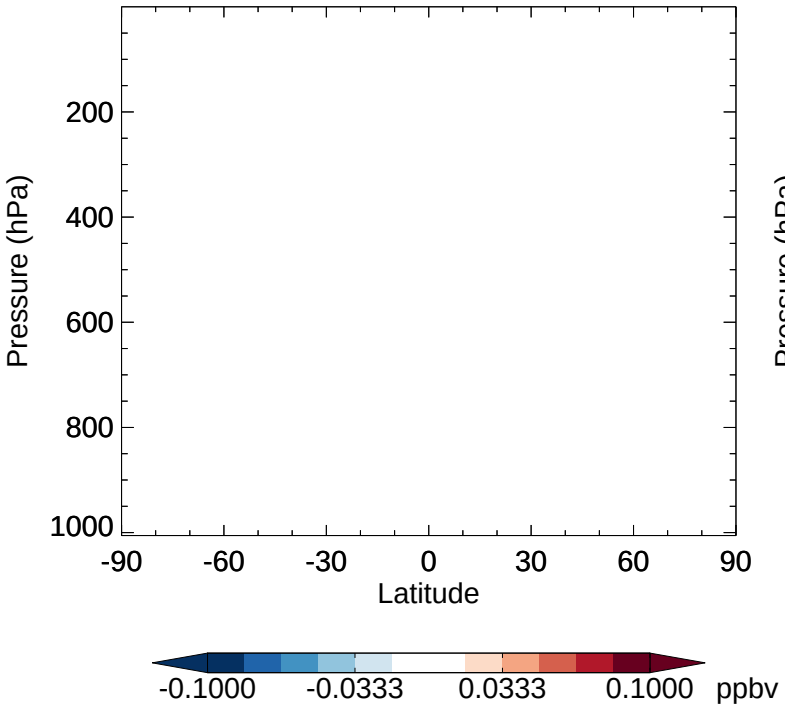
SOAGX - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

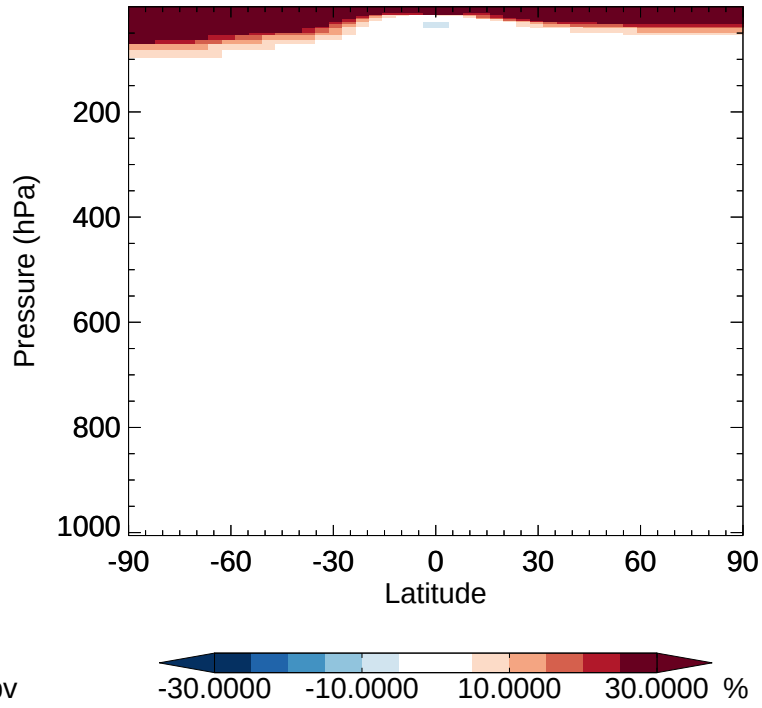
v11-02e-Run0 - v11-02d-Run1

SOAMG - Zonal mean abs diff for Apr



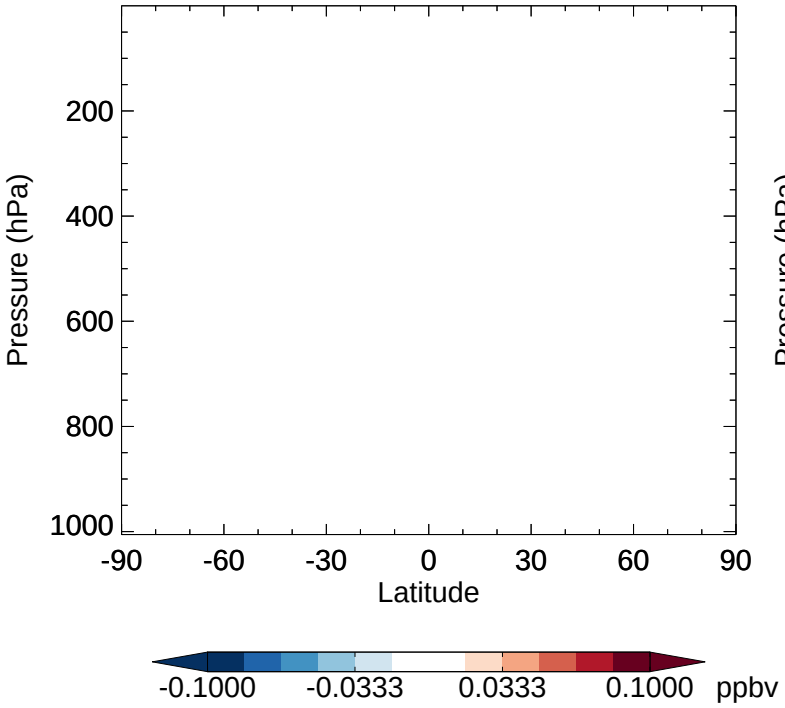
v11-02e-Run0 / v11-02d-Run1

SOAMG - Zonal mean % diff for Apr



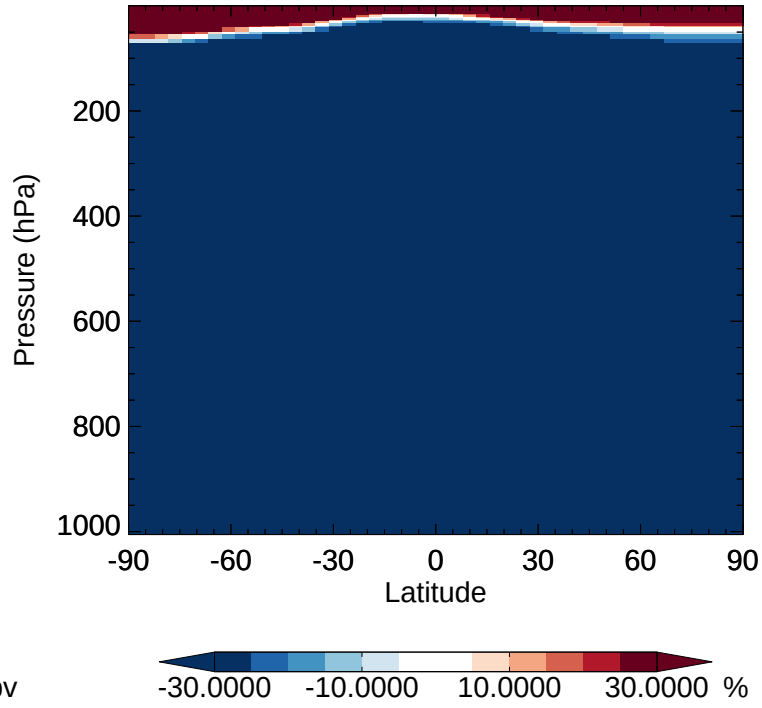
v11-02e-Run0 - v11-02c-Run0

SOAMG - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

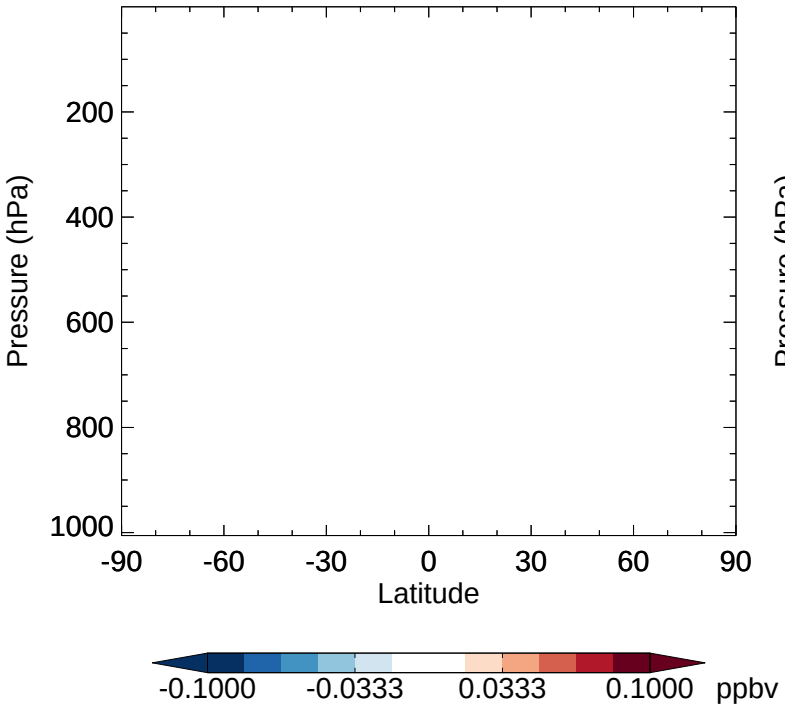
SOAMG - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

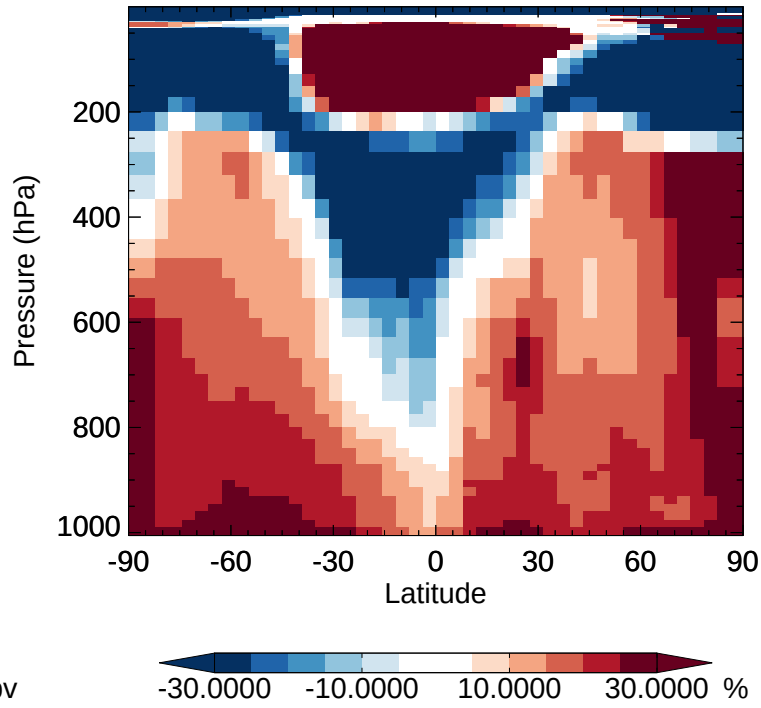
v11-02e-Run0 - v11-02d-Run1

LVOC - Zonal mean abs diff for Apr



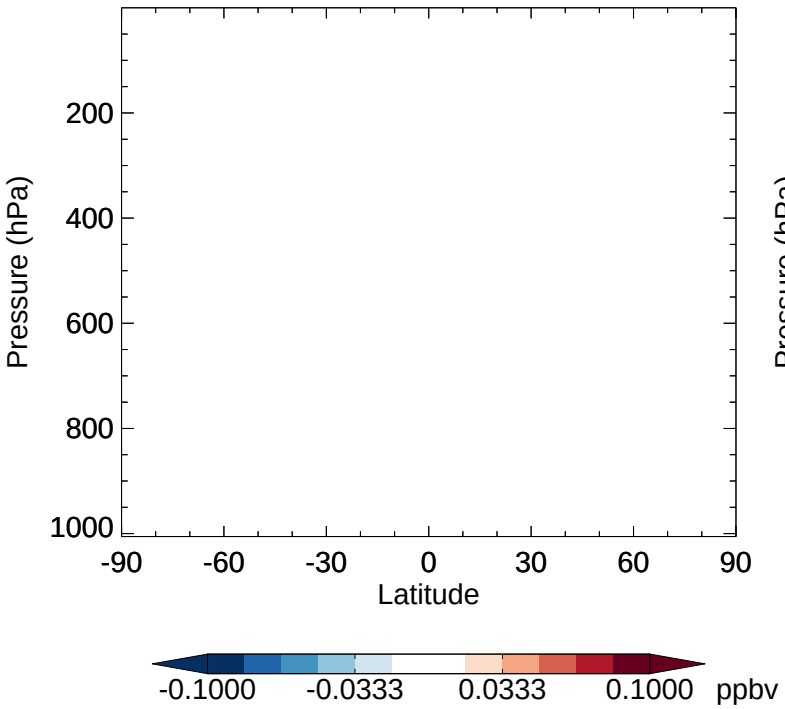
v11-02e-Run0 / v11-02d-Run1

LVOC - Zonal mean % diff for Apr



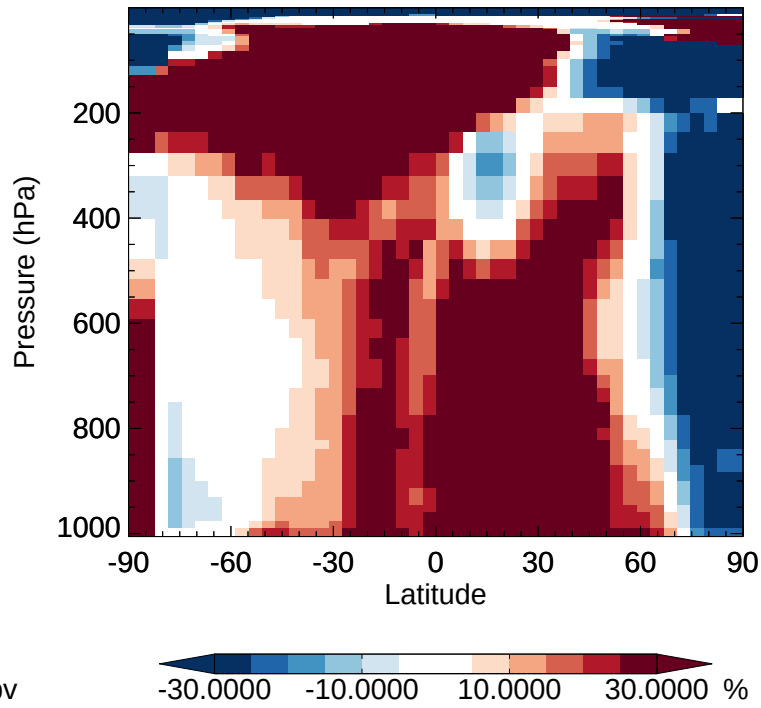
v11-02e-Run0 - v11-02c-Run0

LVOC - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

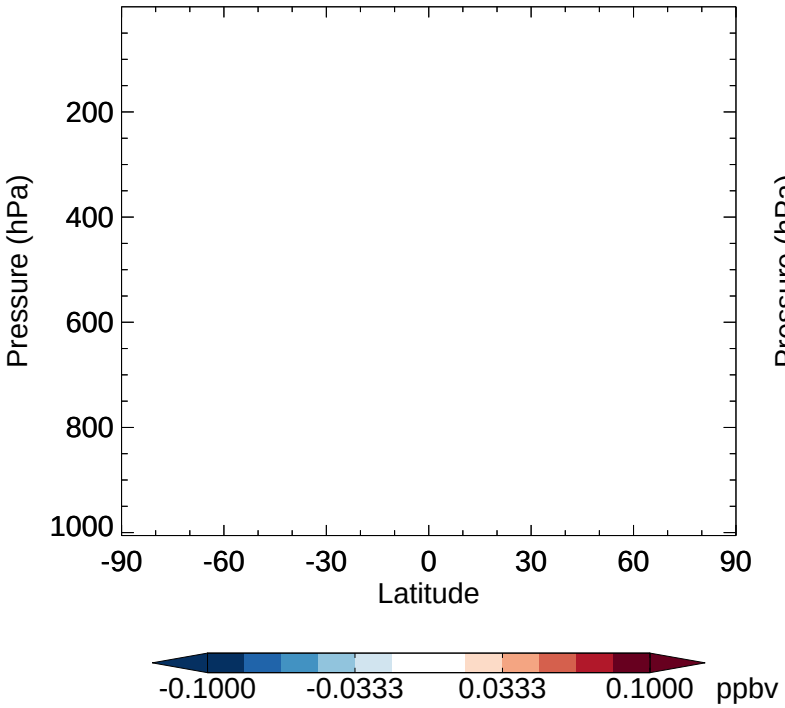
LVOC - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

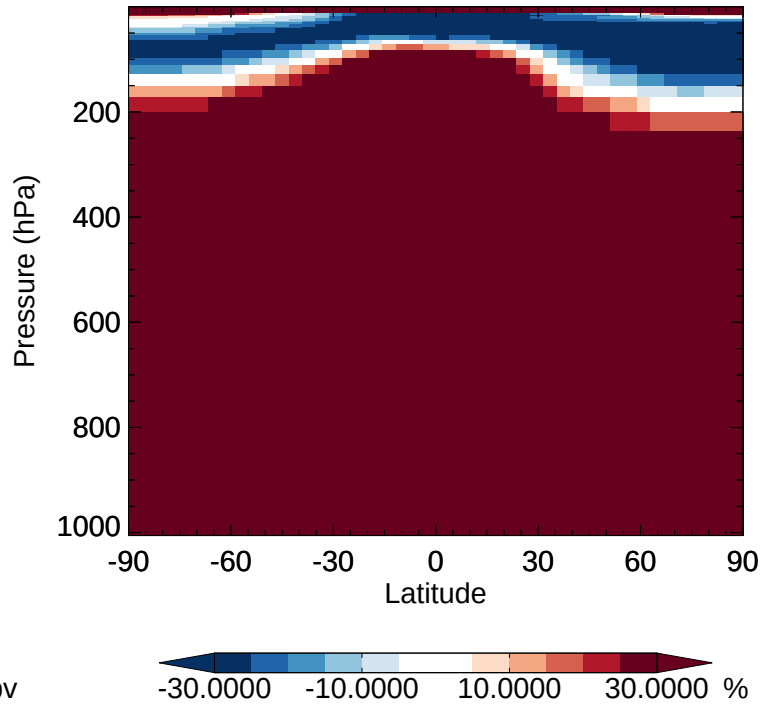
v11-02e-Run0 - v11-02d-Run1

LVOCOA - Zonal mean abs diff for Apr



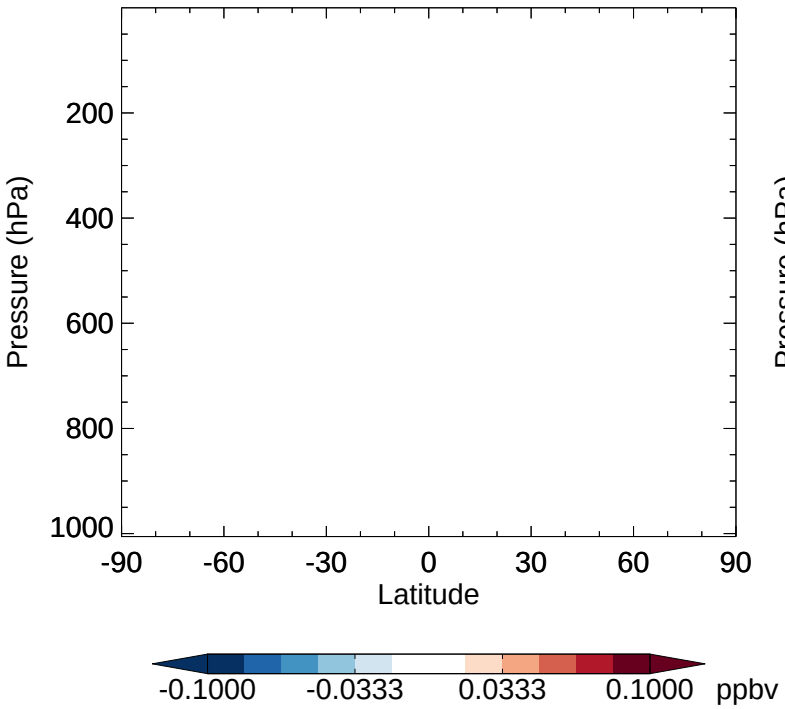
v11-02e-Run0 / v11-02d-Run1

LVOCOA - Zonal mean % diff for Apr



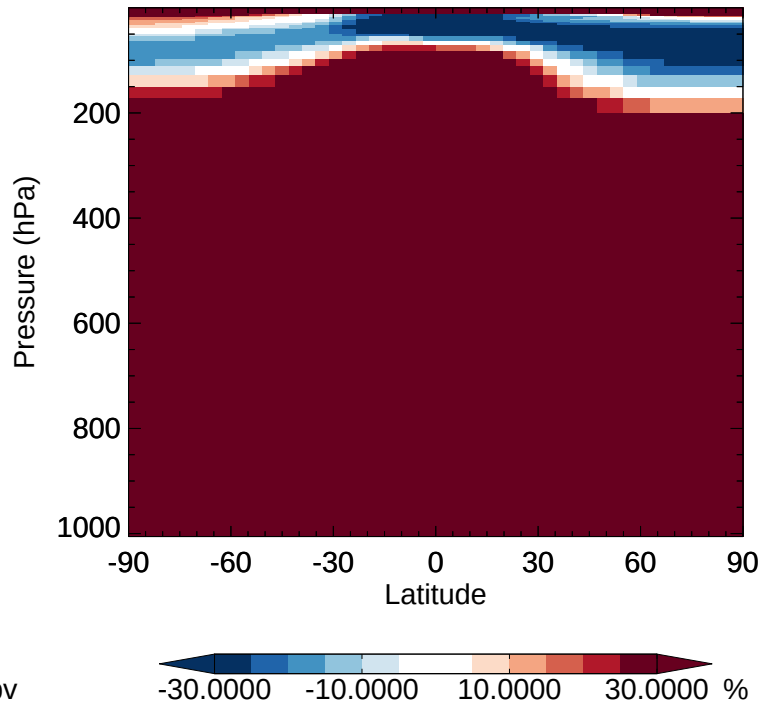
v11-02e-Run0 - v11-02c-Run0

LVOCOA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

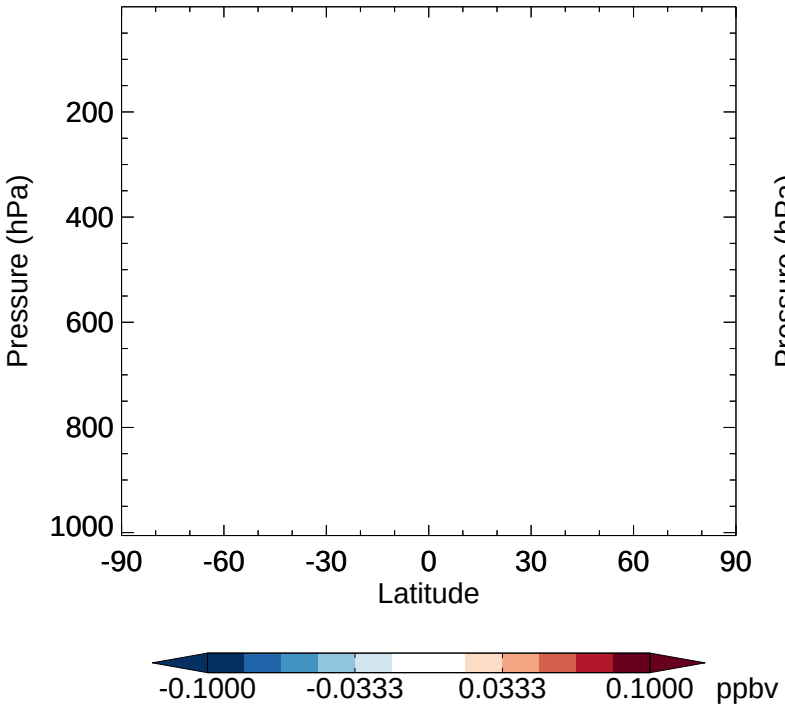
LVOCOA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

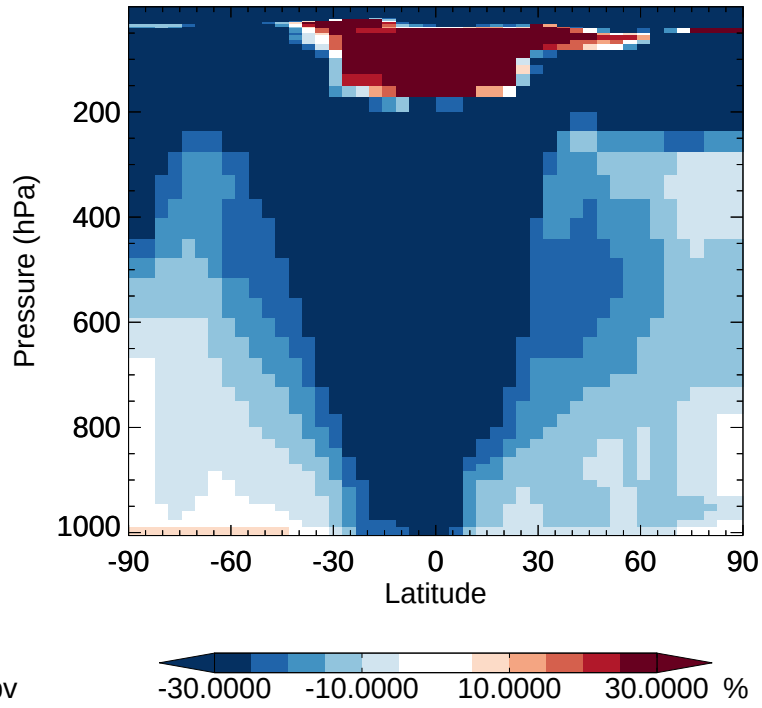
v11-02e-Run0 - v11-02d-Run1

ISN1OG - Zonal mean abs diff for Apr



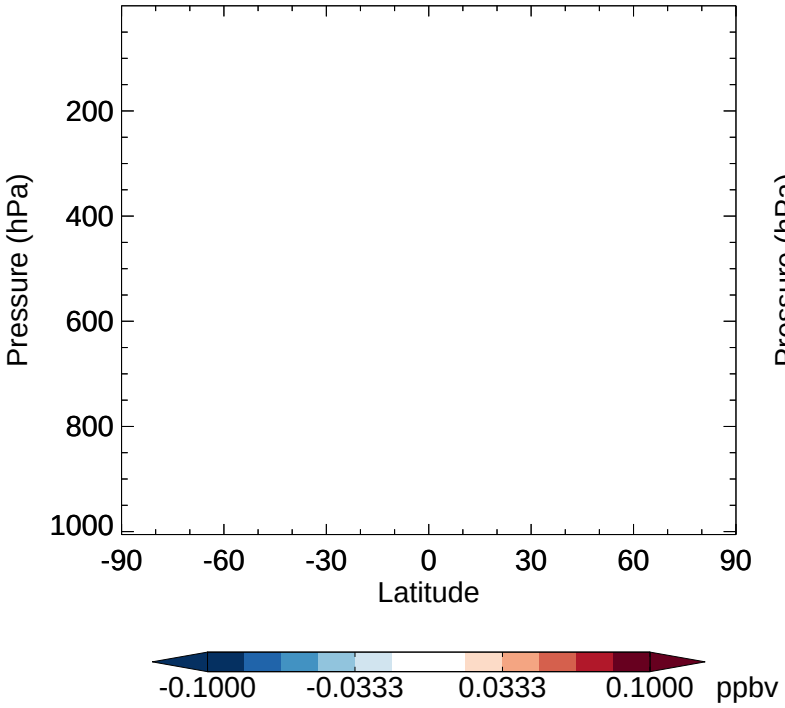
v11-02e-Run0 / v11-02d-Run1

ISN1OG - Zonal mean % diff for Apr



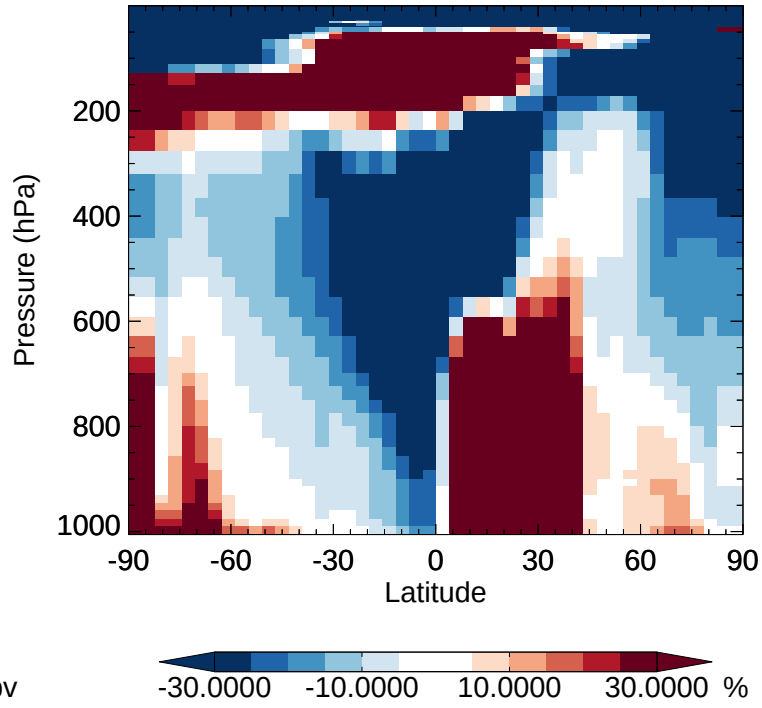
v11-02e-Run0 - v11-02c-Run0

ISN1OG - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

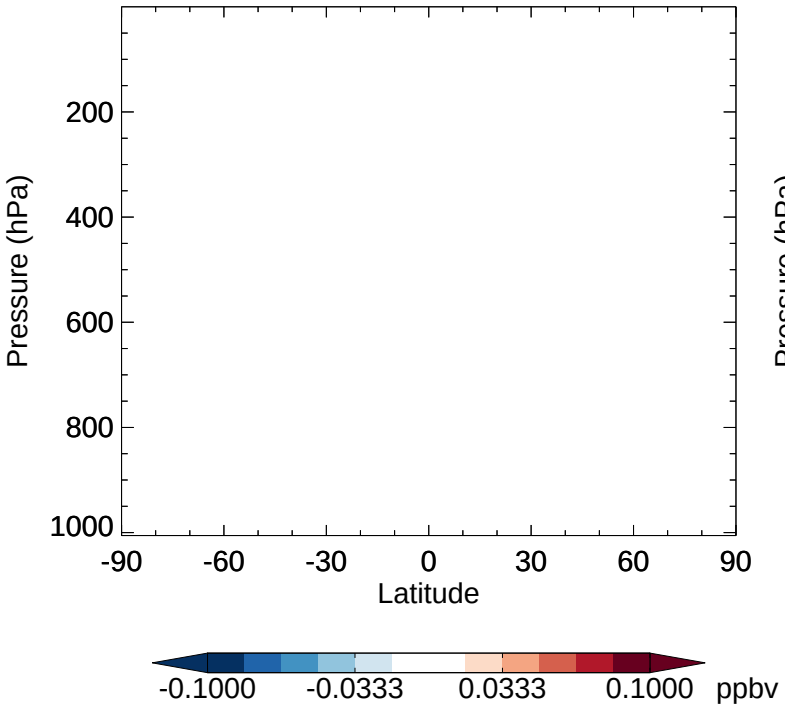
ISN1OG - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

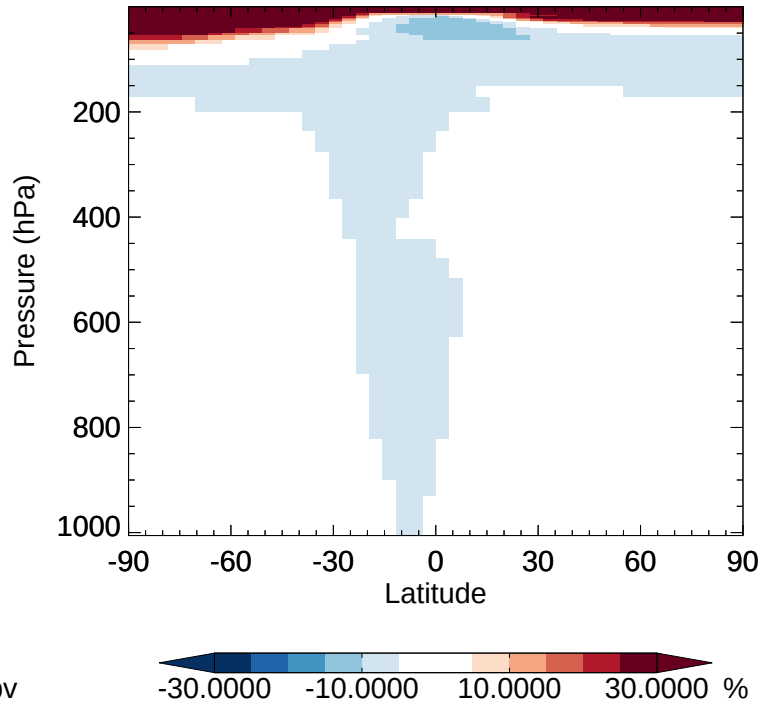
v11-02e-Run0 - v11-02d-Run1

ISN1OA - Zonal mean abs diff for Apr



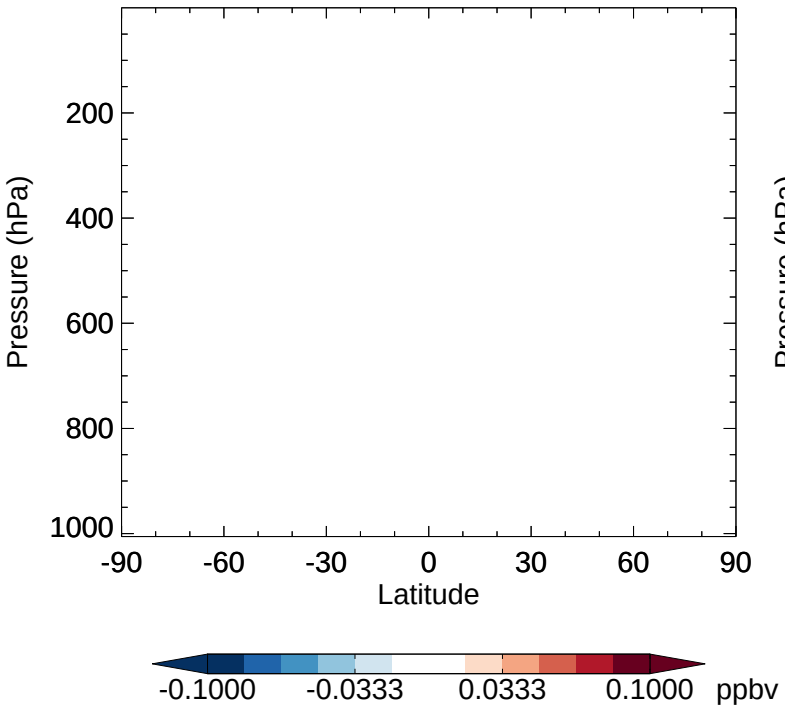
v11-02e-Run0 / v11-02d-Run1

ISN1OA - Zonal mean % diff for Apr



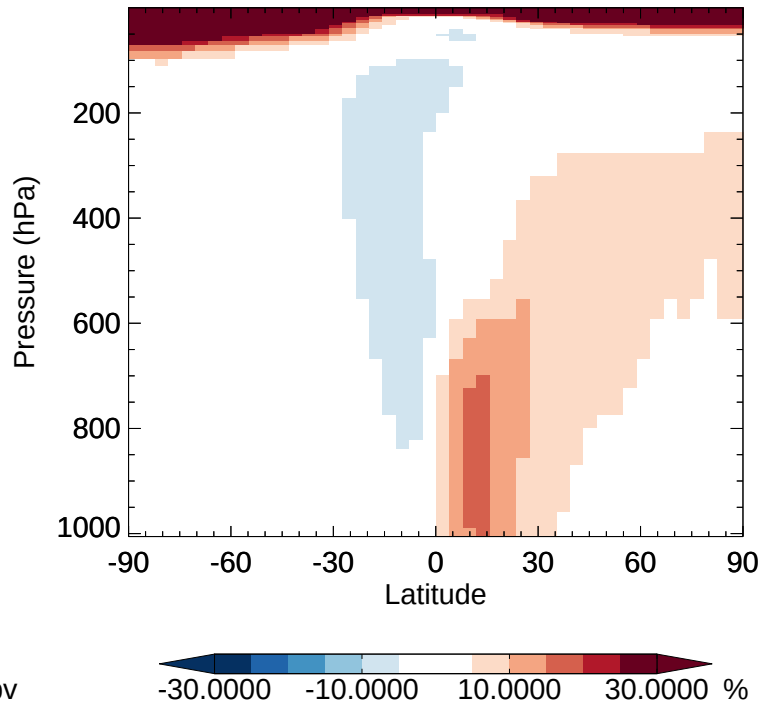
v11-02e-Run0 - v11-02c-Run0

ISN1OA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

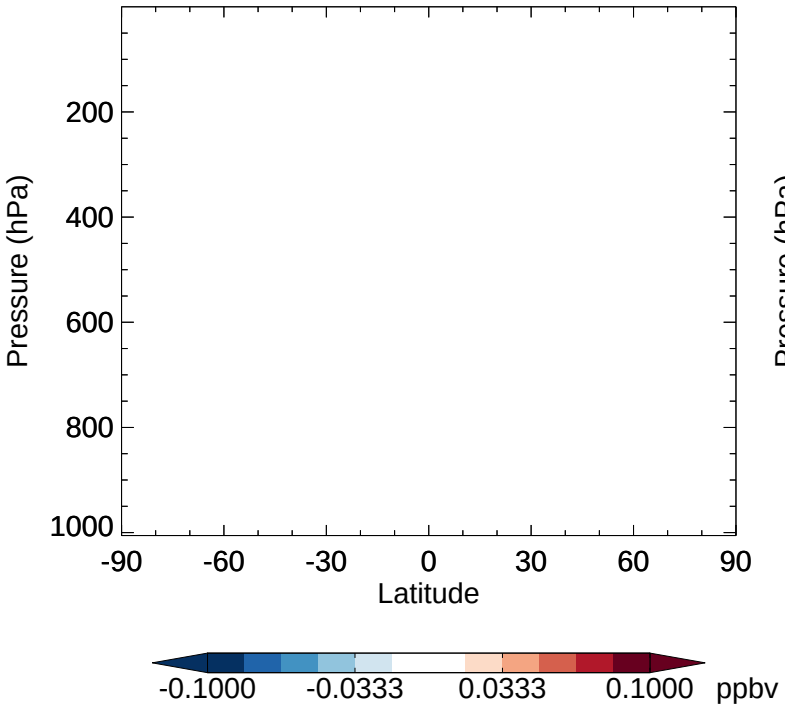
ISN1OA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

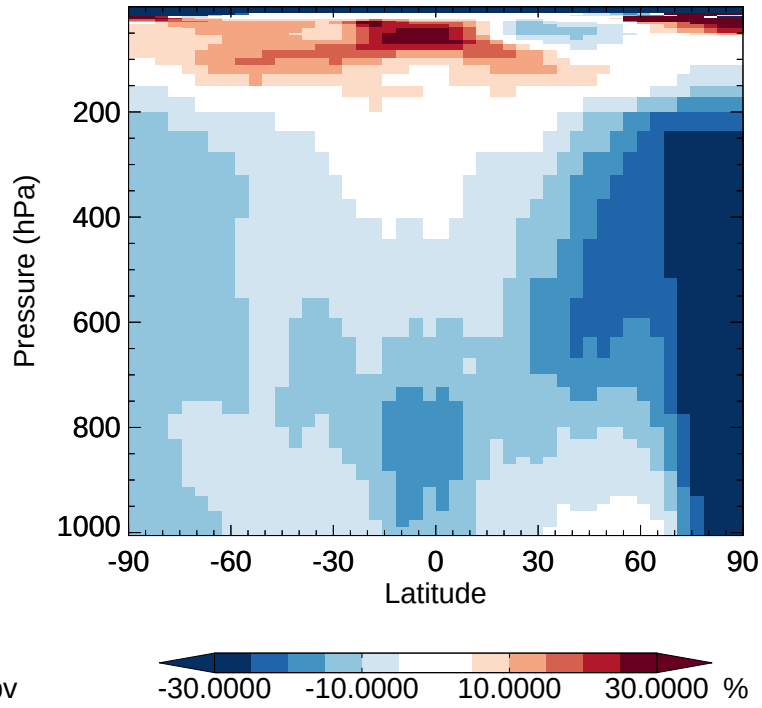
v11-02e-Run0 - v11-02d-Run1

MONITS - Zonal mean abs diff for Apr



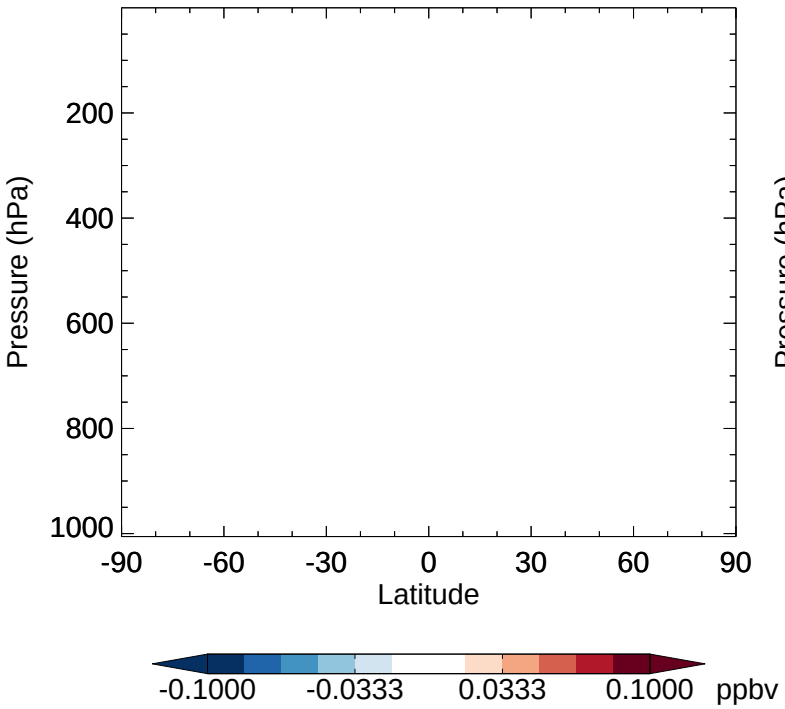
v11-02e-Run0 / v11-02d-Run1

MONITS - Zonal mean % diff for Apr



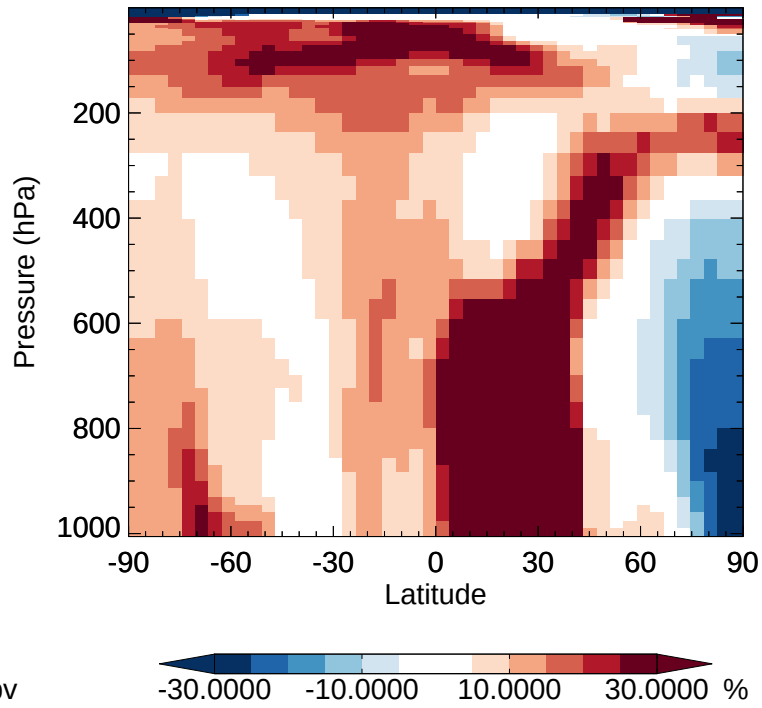
v11-02e-Run0 - v11-02c-Run0

MONITS - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

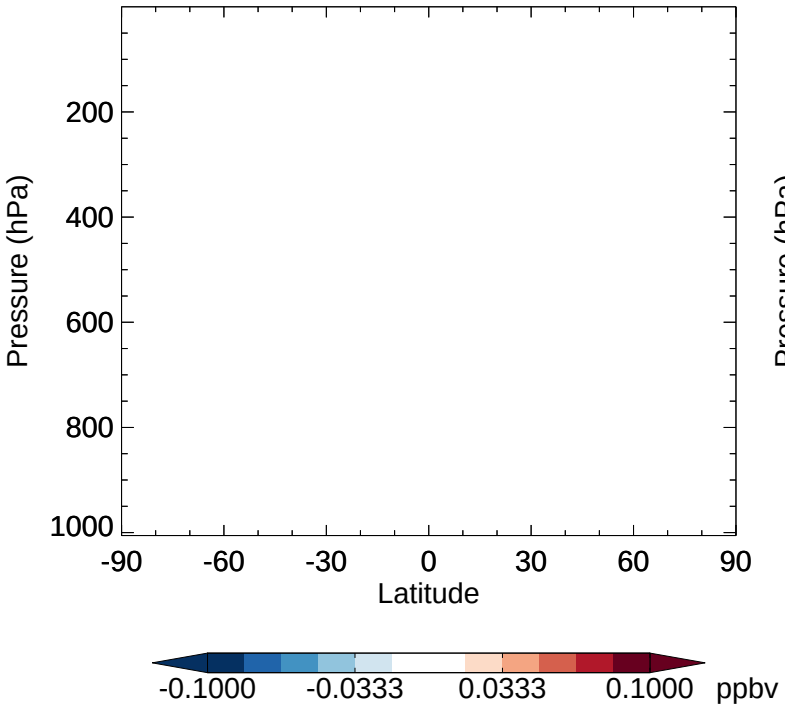
MONITS - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

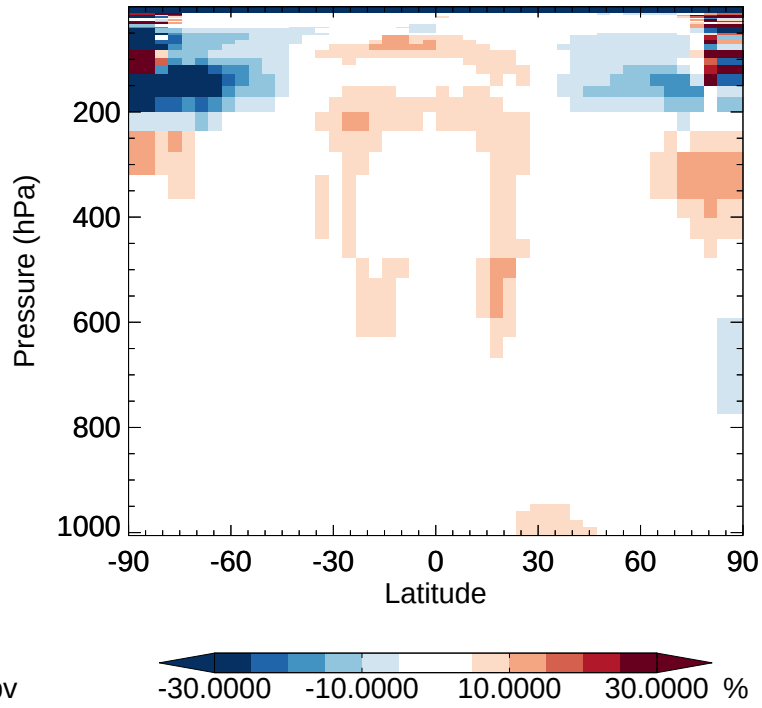
v11-02e-Run0 - v11-02d-Run1

MONITU - Zonal mean abs diff for Apr



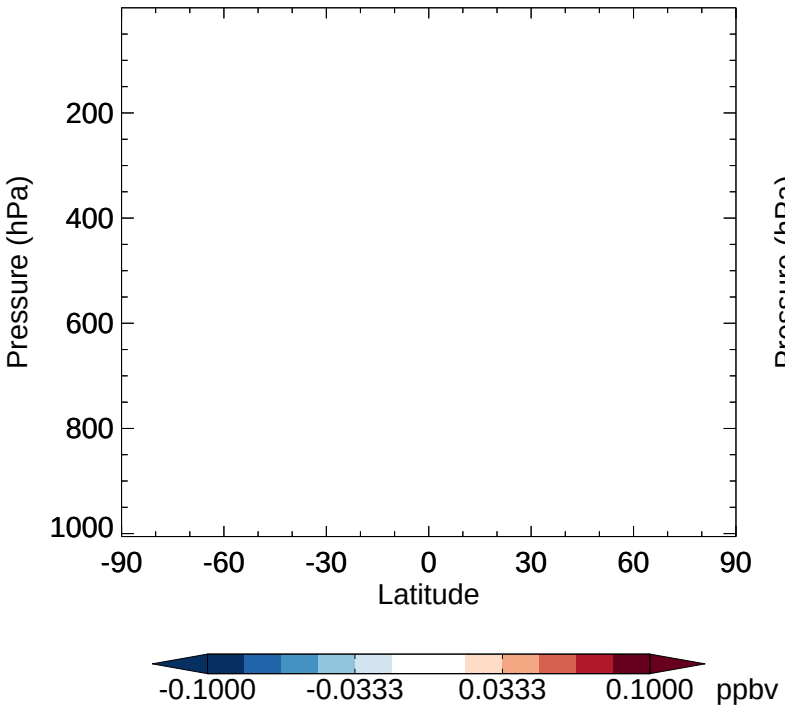
v11-02e-Run0 / v11-02d-Run1

MONITU - Zonal mean % diff for Apr



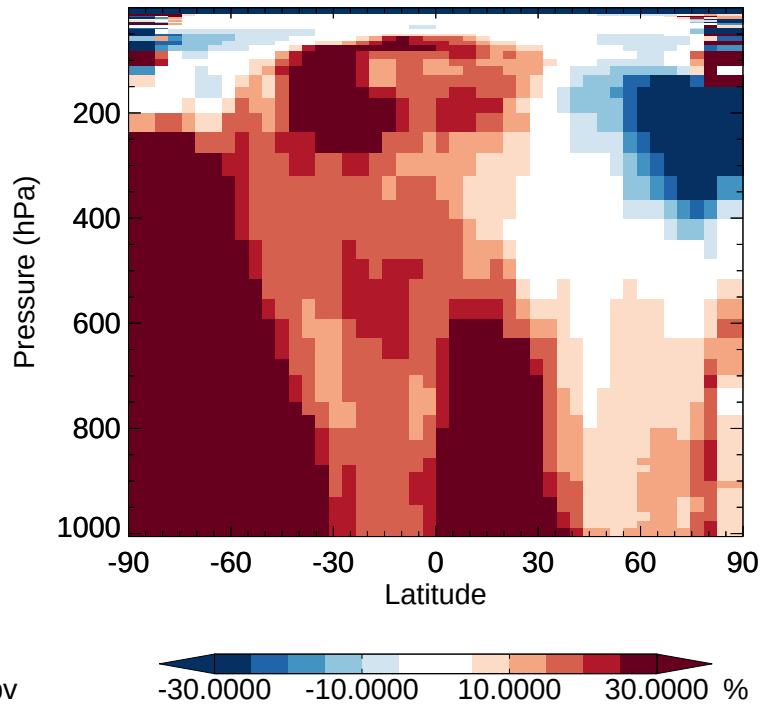
v11-02e-Run0 - v11-02c-Run0

MONITU - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

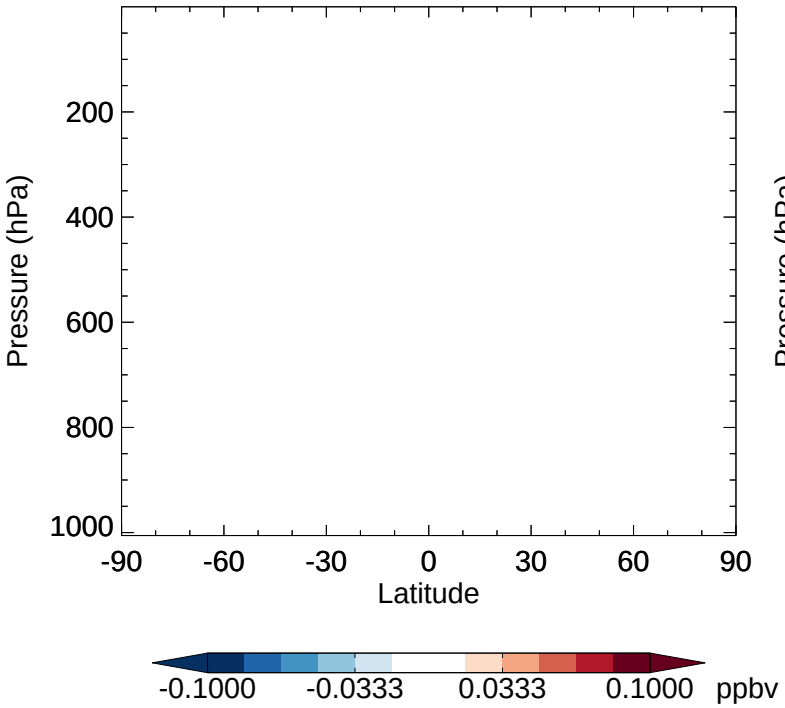
MONITU - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

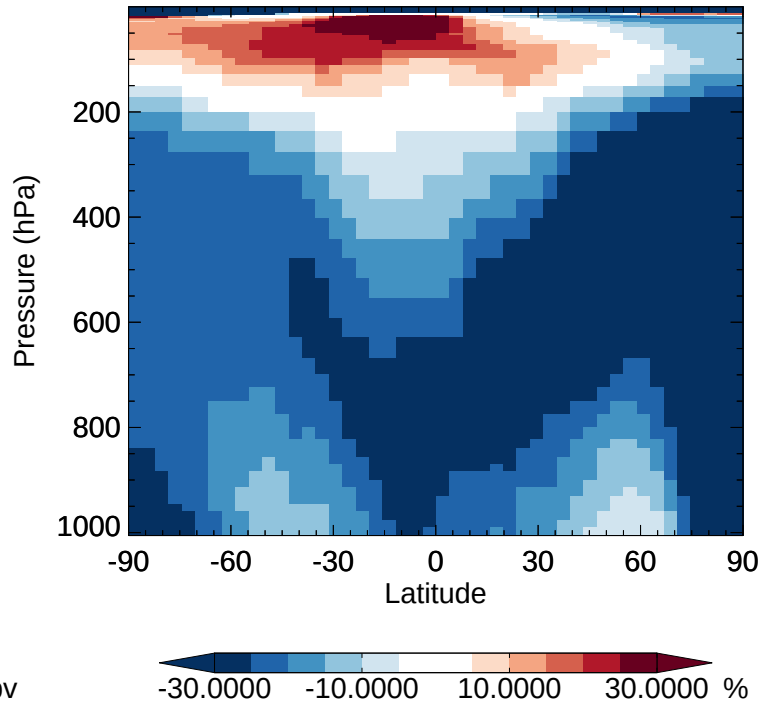
v11-02e-Run0 - v11-02d-Run1

HONIT - Zonal mean abs diff for Apr



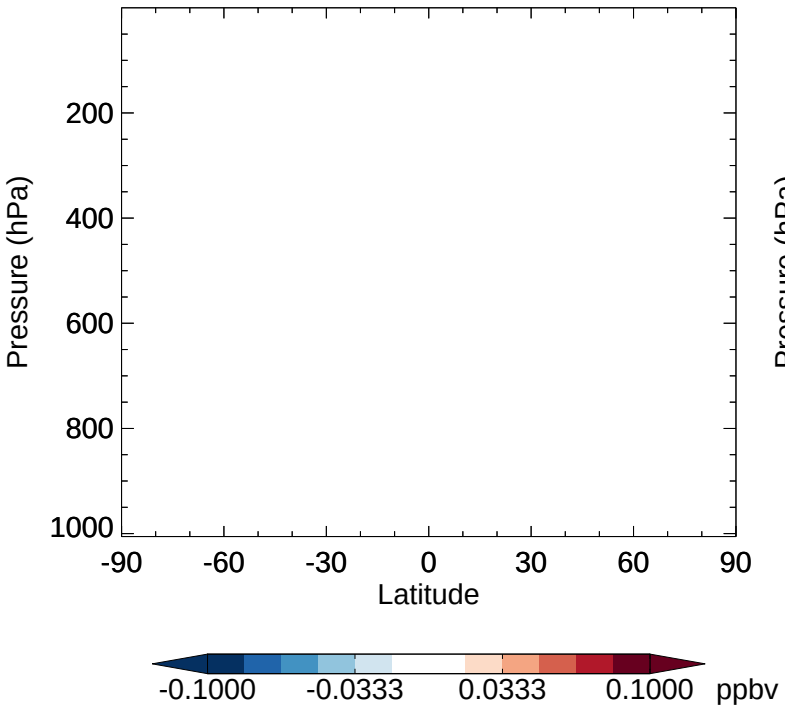
v11-02e-Run0 / v11-02d-Run1

HONIT - Zonal mean % diff for Apr



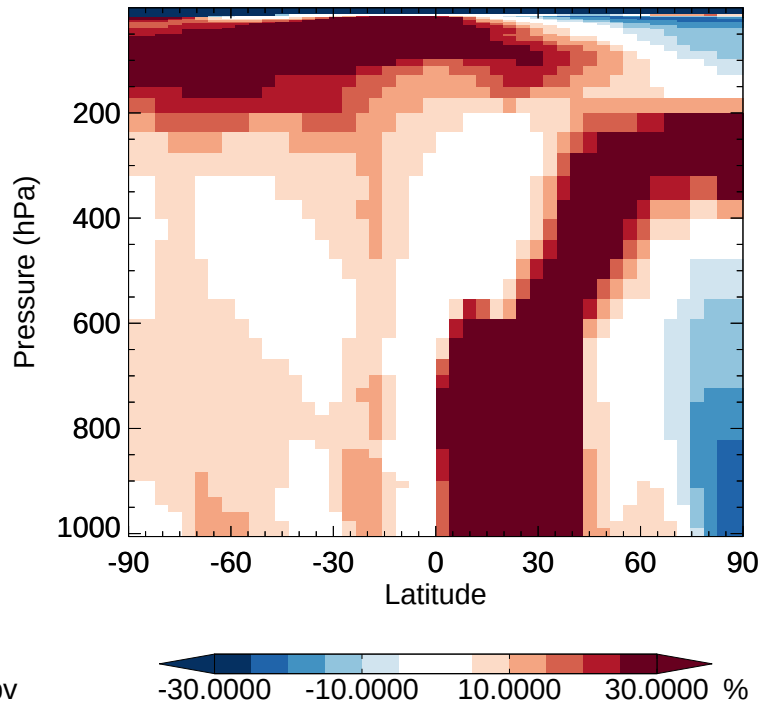
v11-02e-Run0 - v11-02c-Run0

HONIT - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

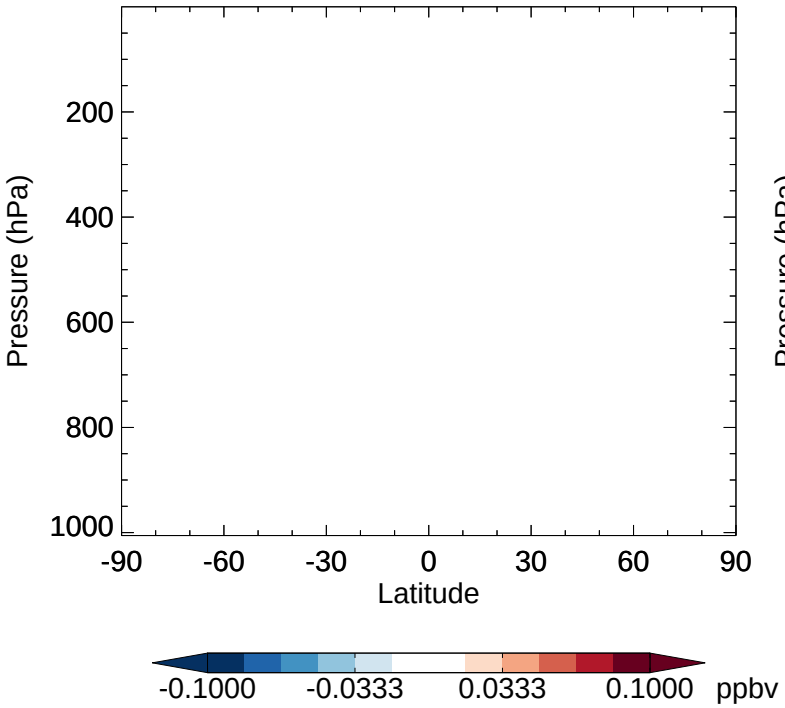
HONIT - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

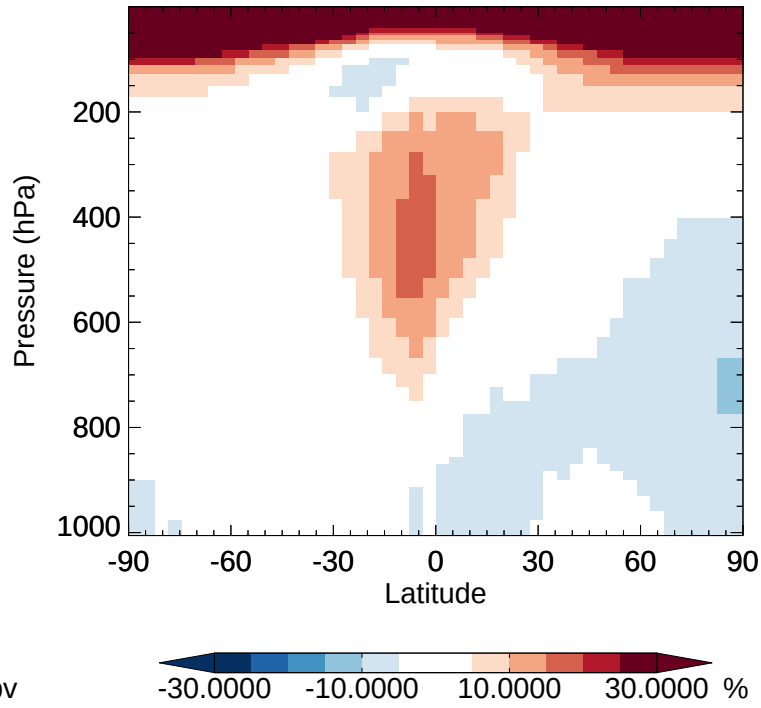
v11-02e-Run0 - v11-02d-Run1

IONITA - Zonal mean abs diff for Apr



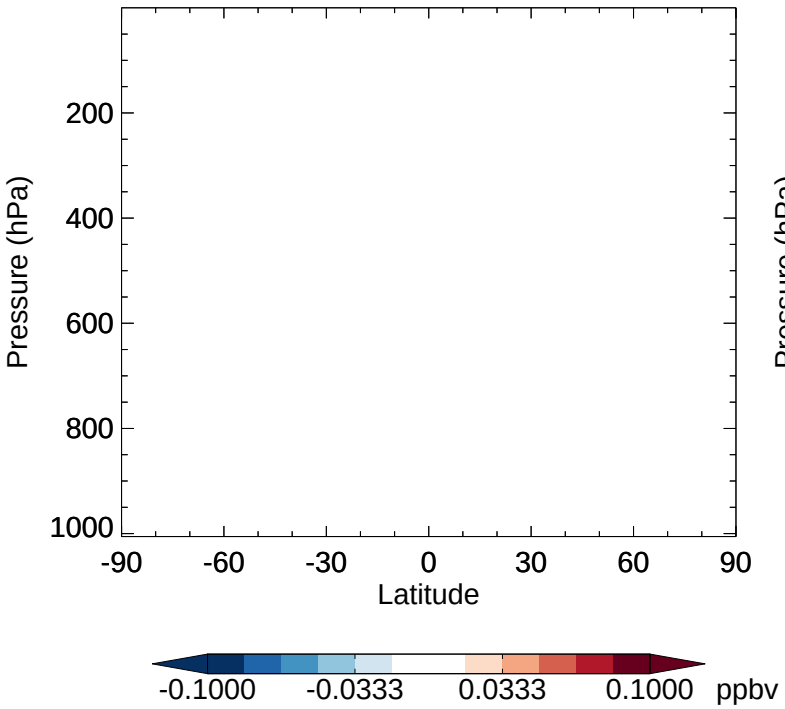
v11-02e-Run0 / v11-02d-Run1

IONITA - Zonal mean % diff for Apr



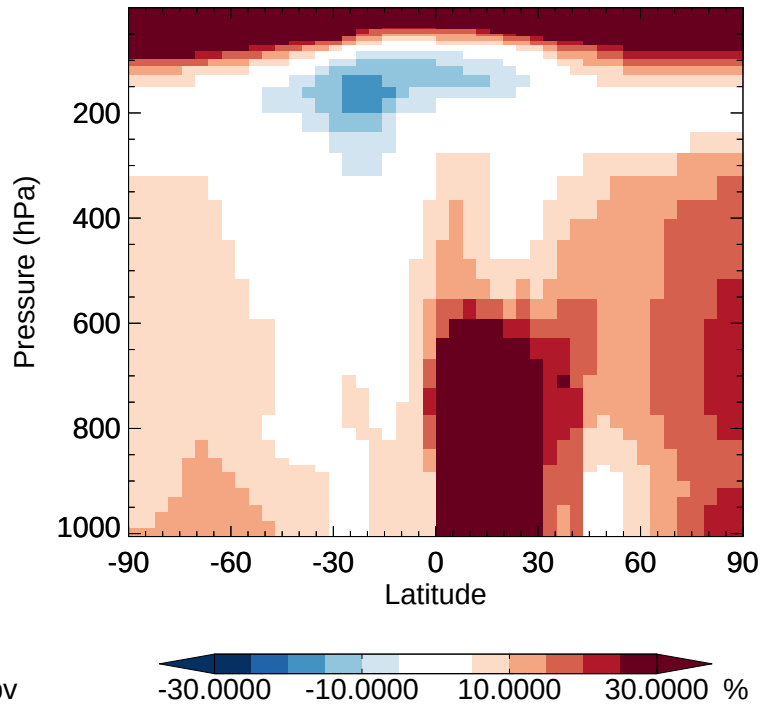
v11-02e-Run0 - v11-02c-Run0

IONITA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

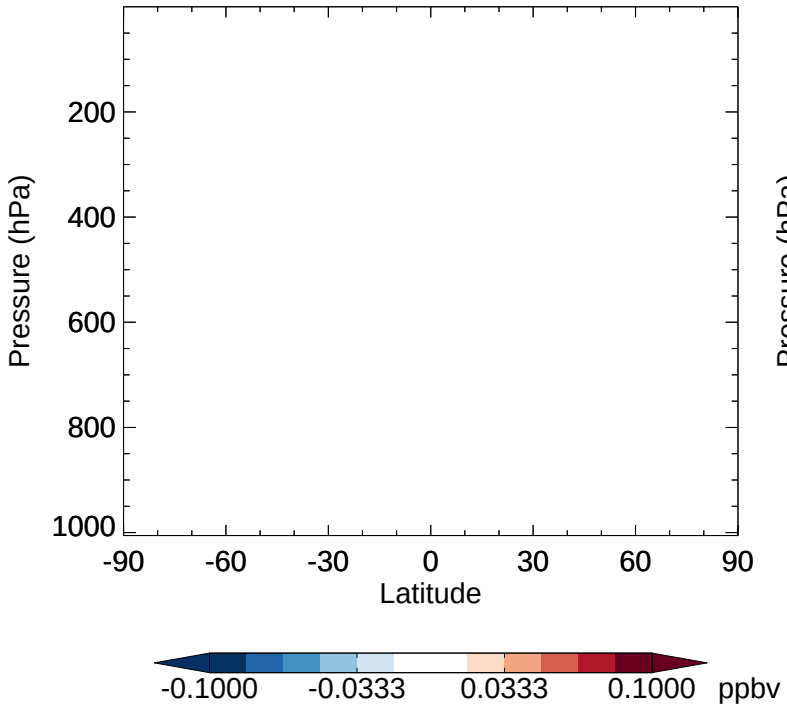
IONITA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

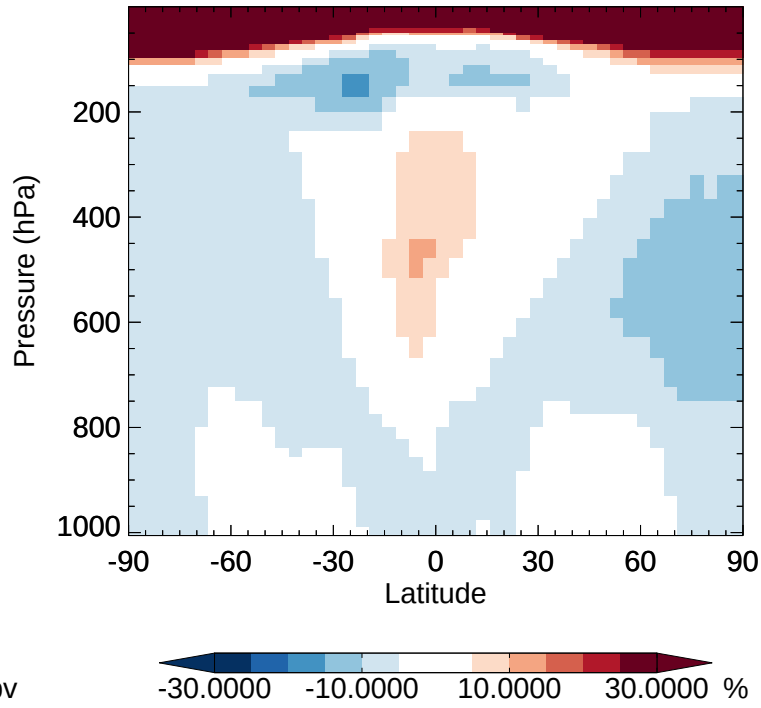
v11-02e-Run0 - v11-02d-Run1

MONITA - Zonal mean abs diff for Apr



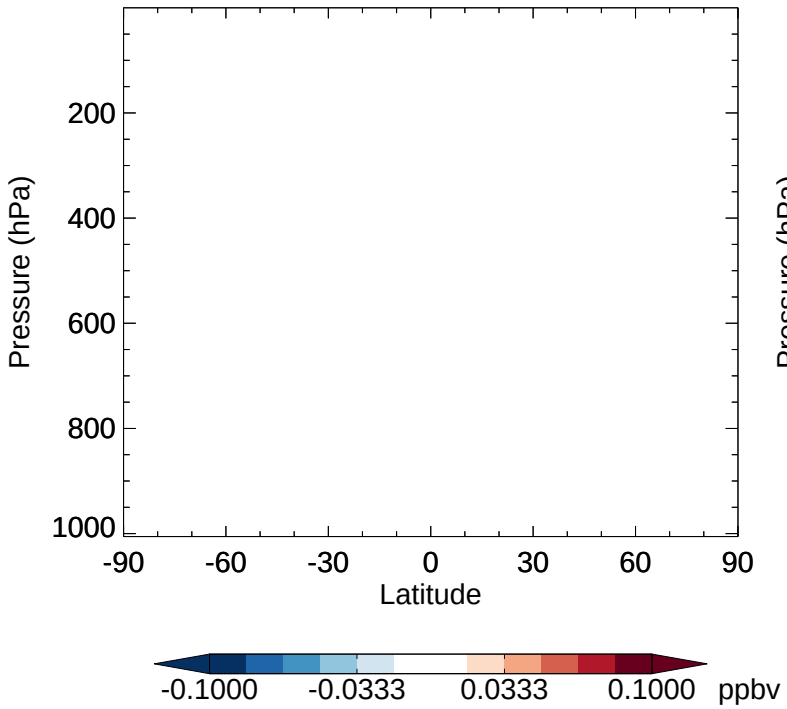
v11-02e-Run0 / v11-02d-Run1

MONITA - Zonal mean % diff for Apr



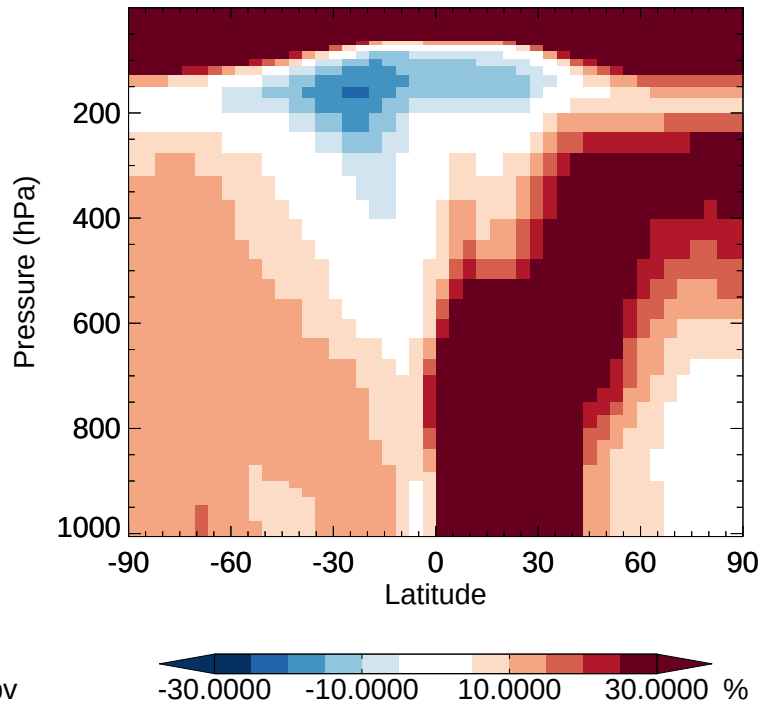
v11-02e-Run0 - v11-02c-Run0

MONITA - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

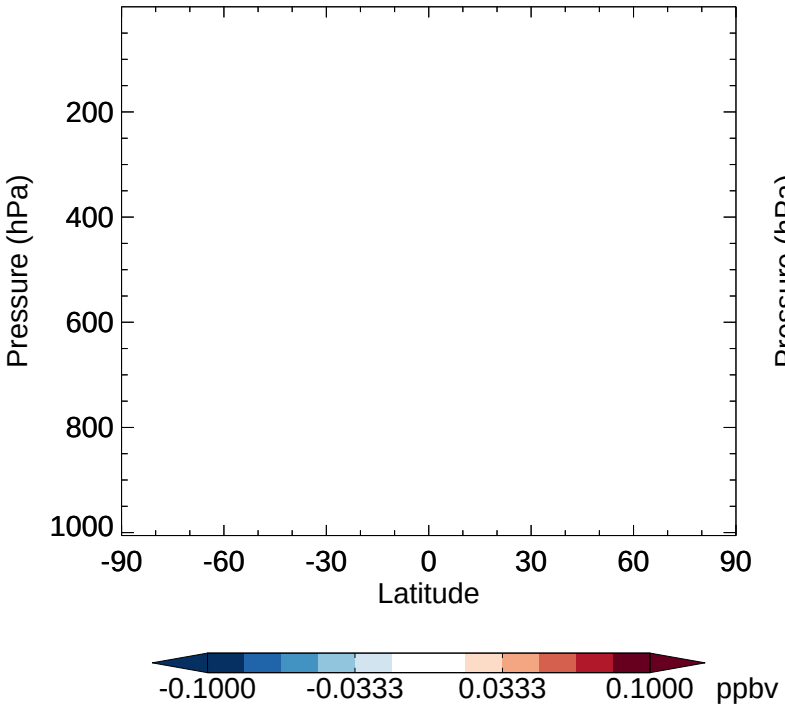
MONITA - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

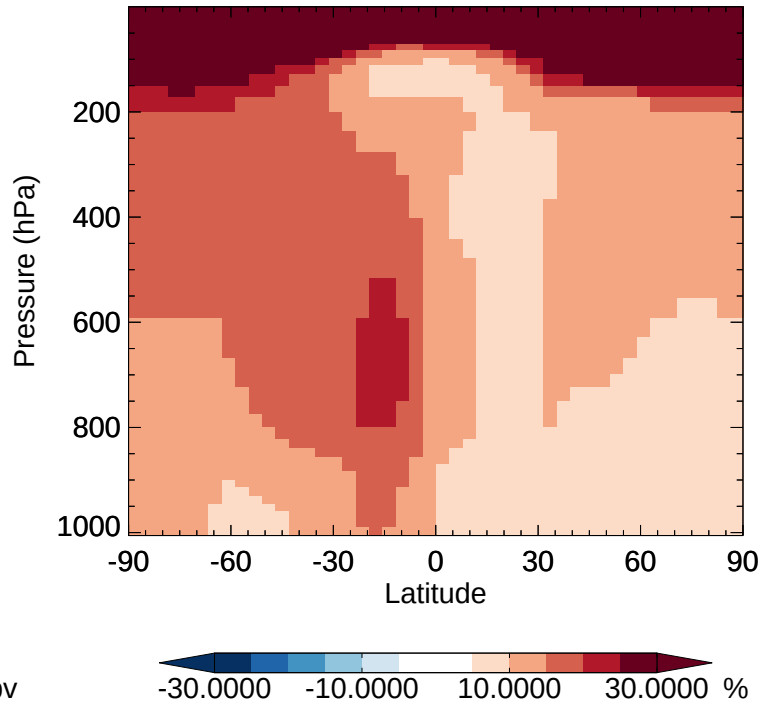
v11-02e-Run0 - v11-02d-Run1

INDIOL - Zonal mean abs diff for Apr



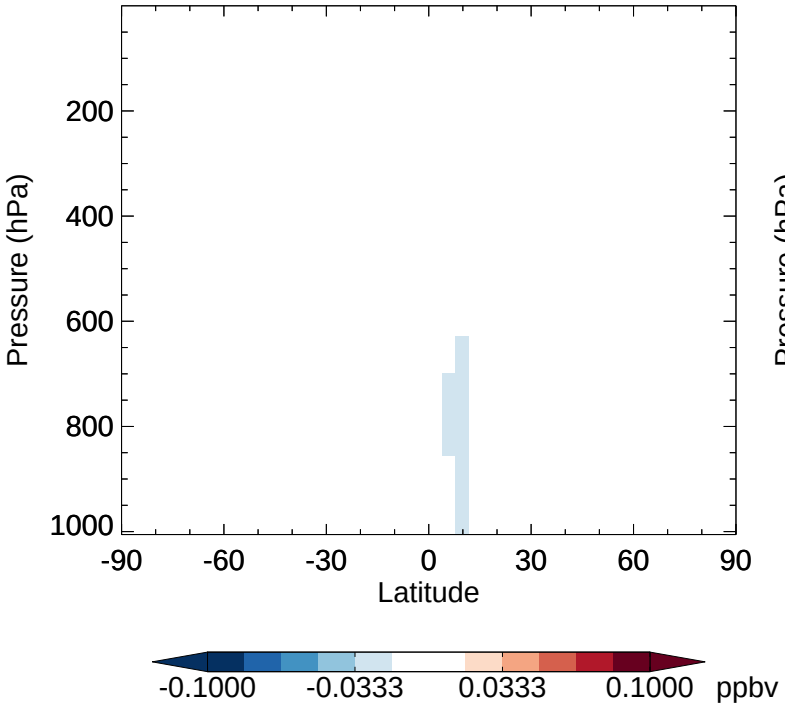
v11-02e-Run0 / v11-02d-Run1

INDIOL - Zonal mean % diff for Apr



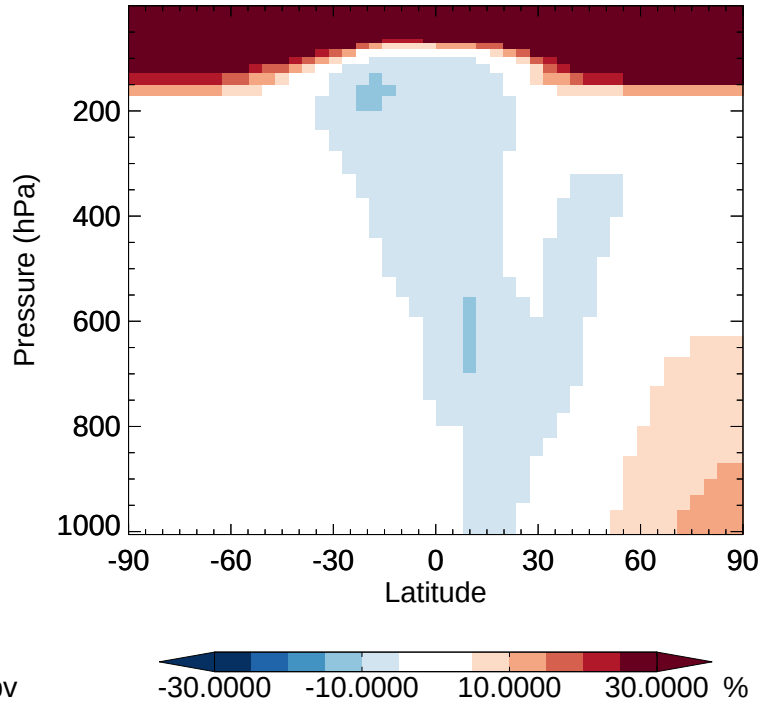
v11-02e-Run0 - v11-02c-Run0

INDIOL - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

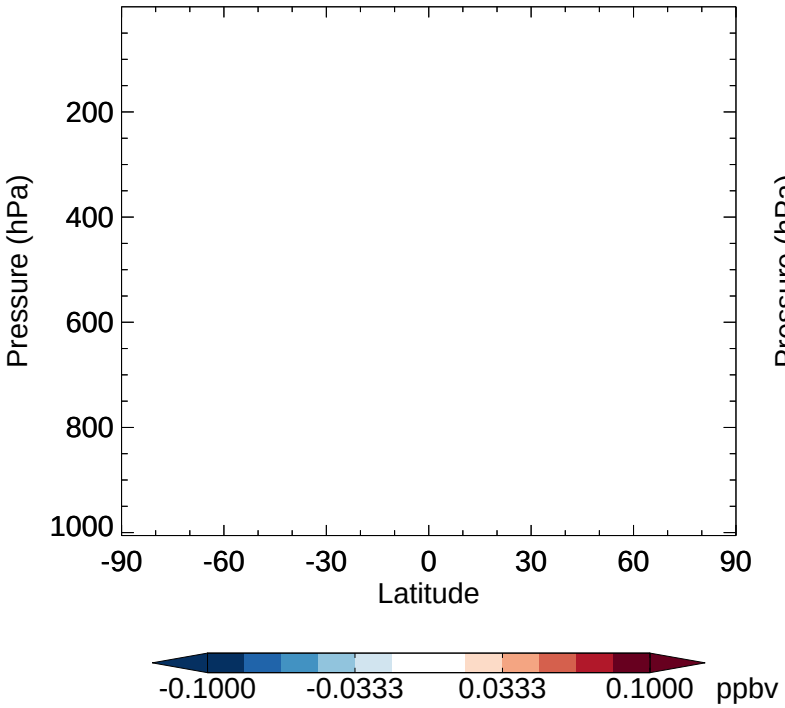
INDIOL - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

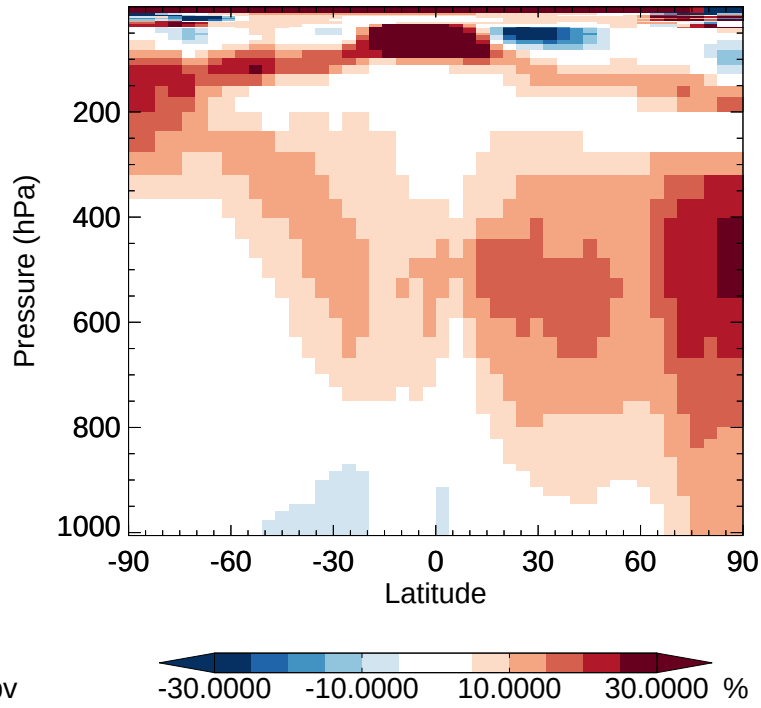
v11-02e-Run0 - v11-02d-Run1

IPMN - Zonal mean abs diff for Apr



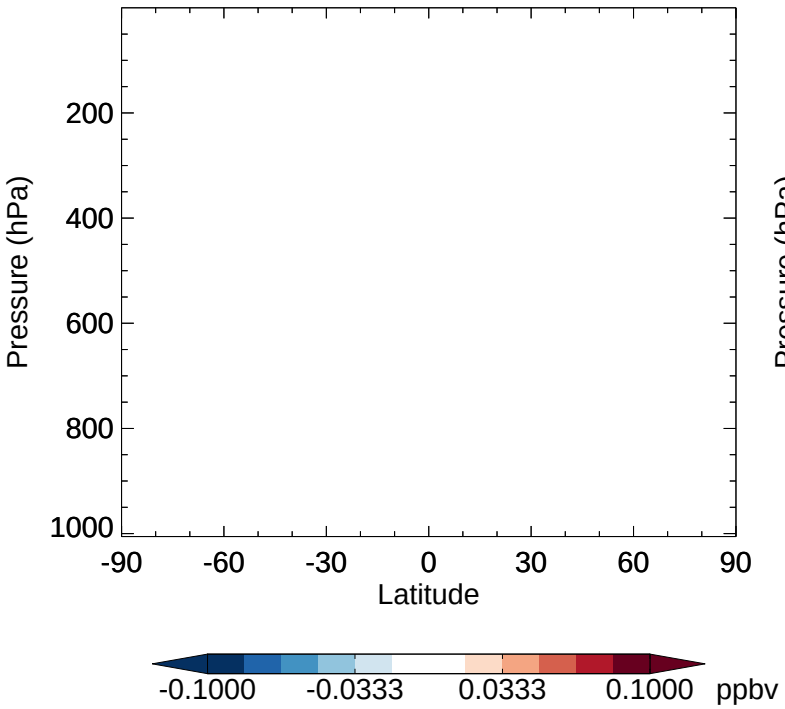
v11-02e-Run0 / v11-02d-Run1

IPMN - Zonal mean % diff for Apr



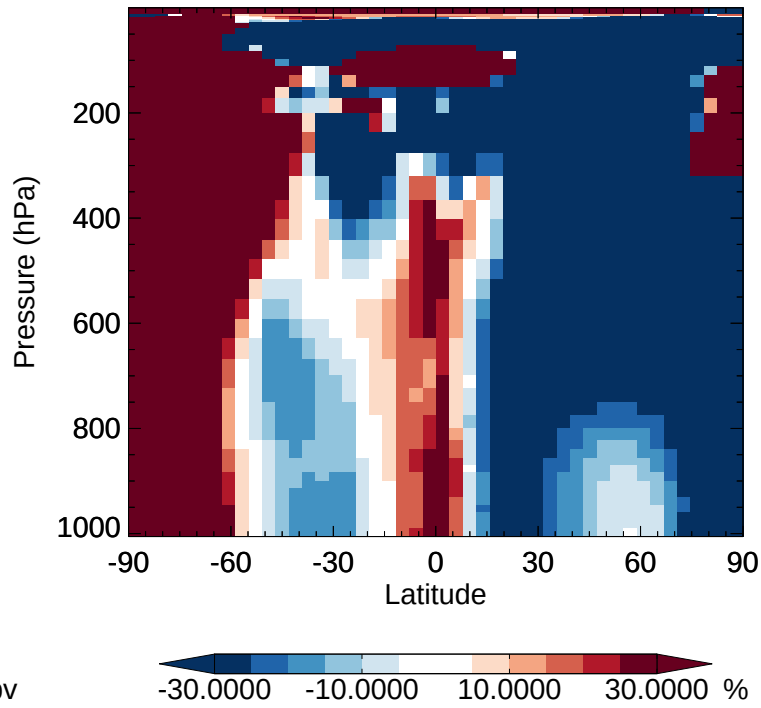
v11-02e-Run0 - v11-02c-Run0

IPMN - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

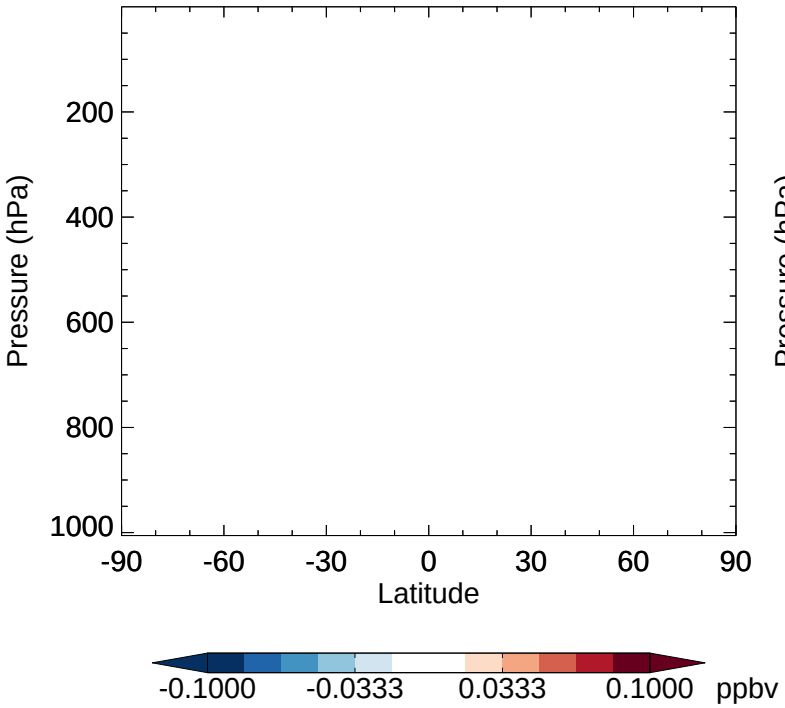
IPMN - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

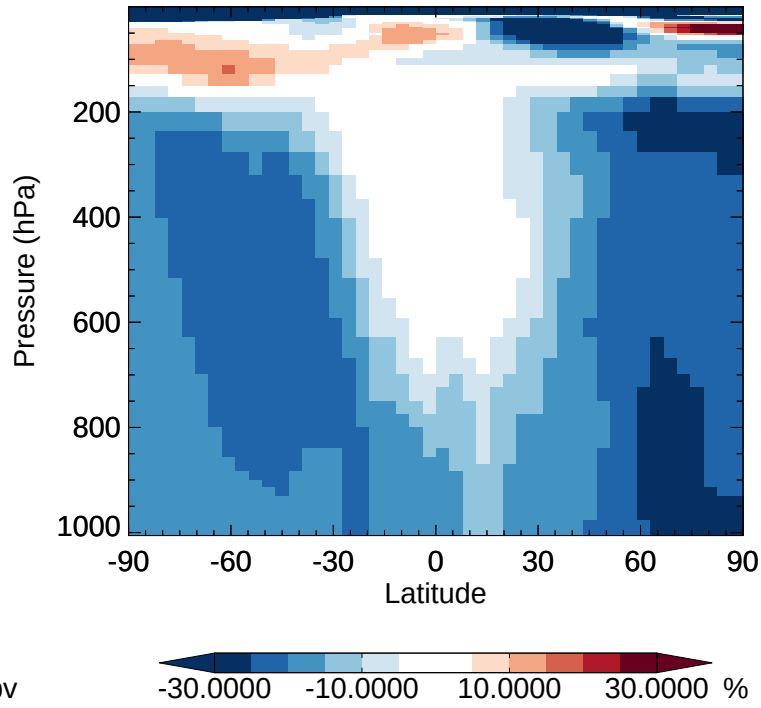
v11-02e-Run0 - v11-02d-Run1

HC187 - Zonal mean abs diff for Apr



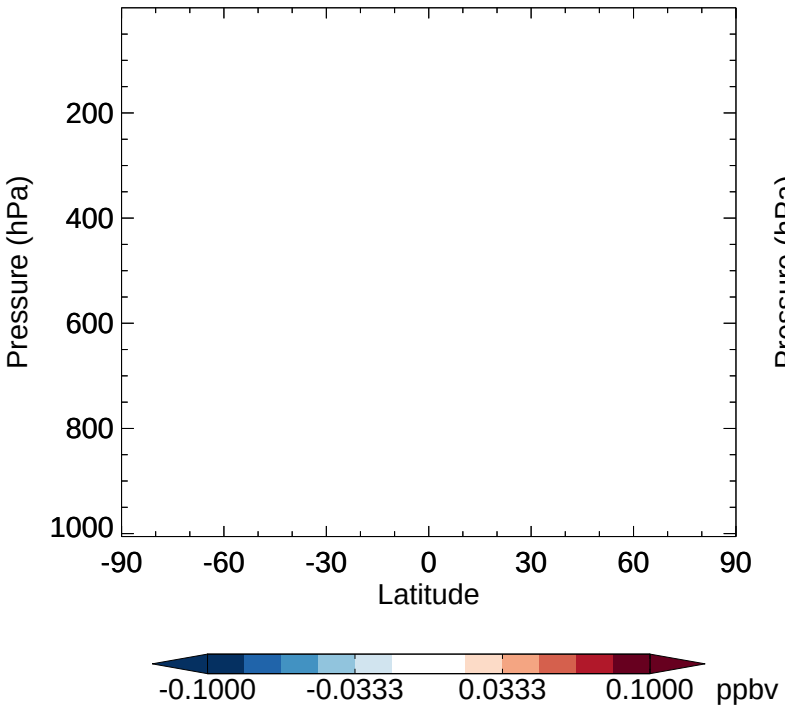
v11-02e-Run0 / v11-02d-Run1

HC187 - Zonal mean % diff for Apr



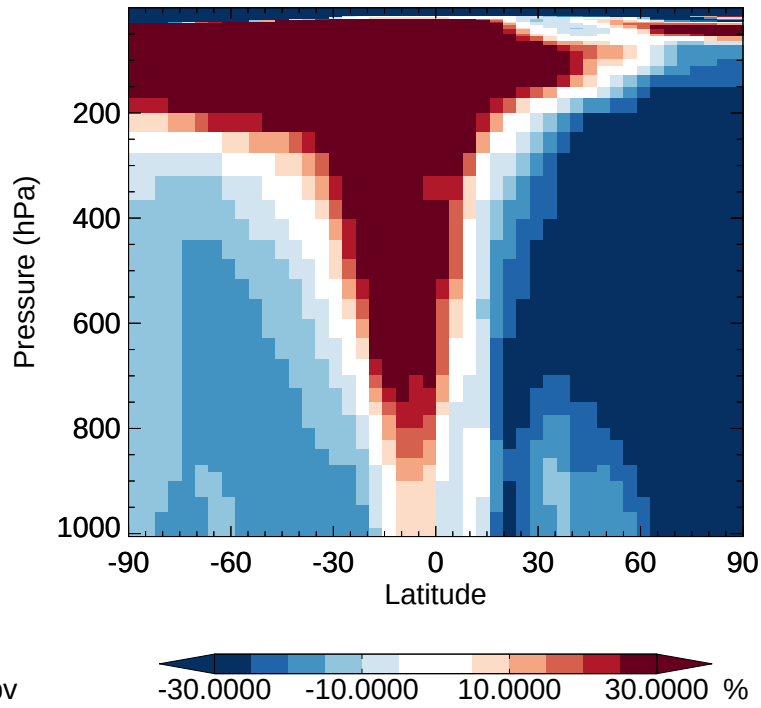
v11-02e-Run0 - v11-02c-Run0

HC187 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

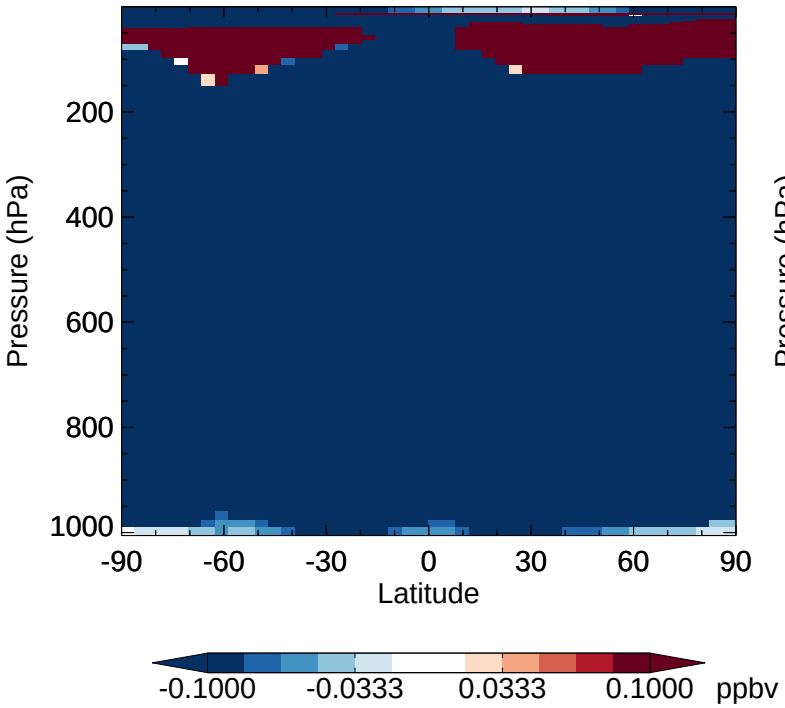
HC187 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

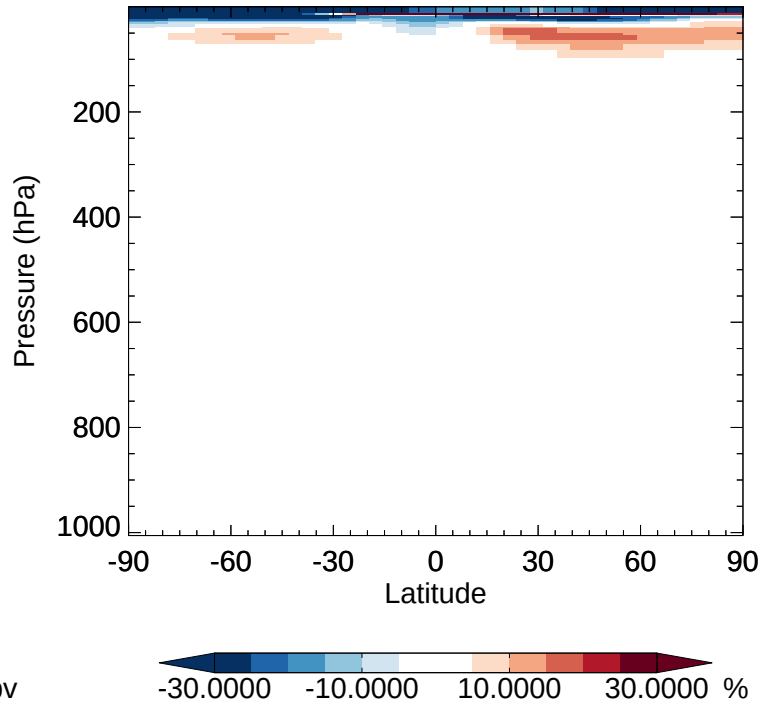
v11-02e-Run0 - v11-02d-Run1

N2O - Zonal mean abs diff for Apr



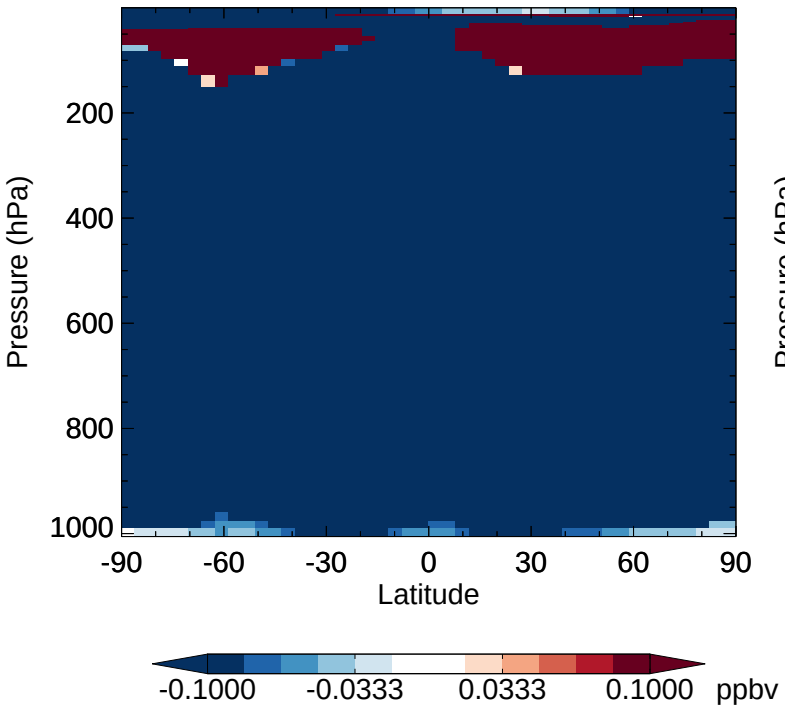
v11-02e-Run0 / v11-02d-Run1

N2O - Zonal mean % diff for Apr



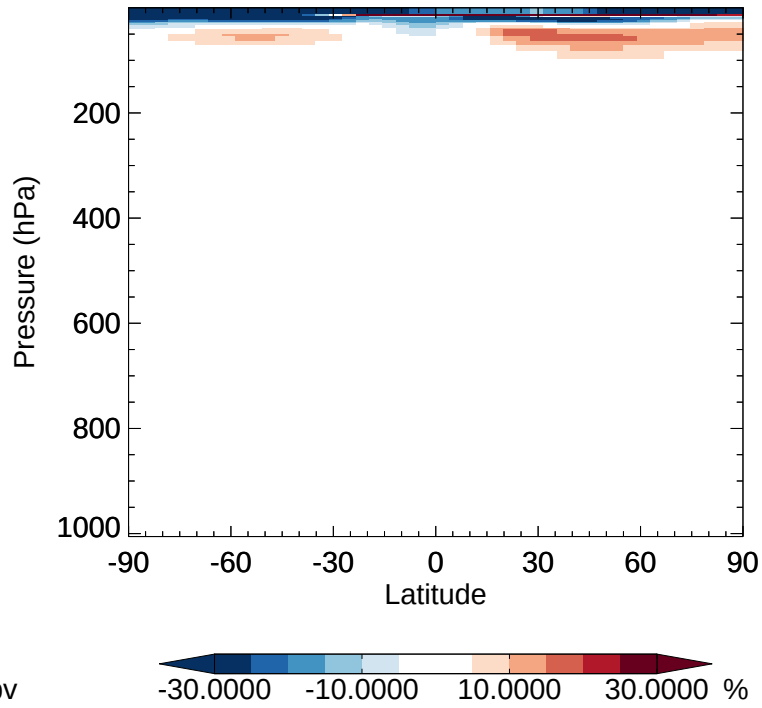
v11-02e-Run0 - v11-02c-Run0

N2O - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

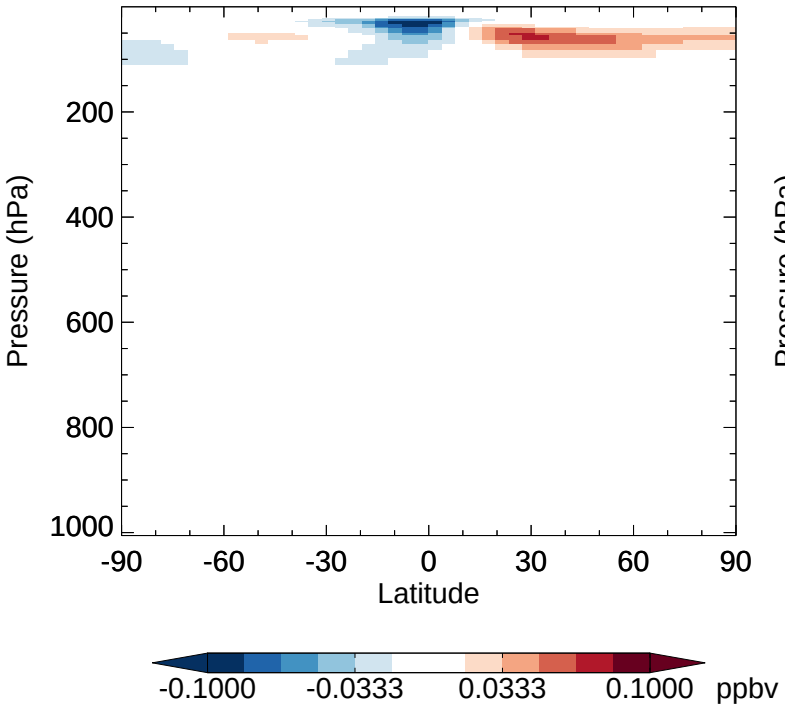
N2O - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

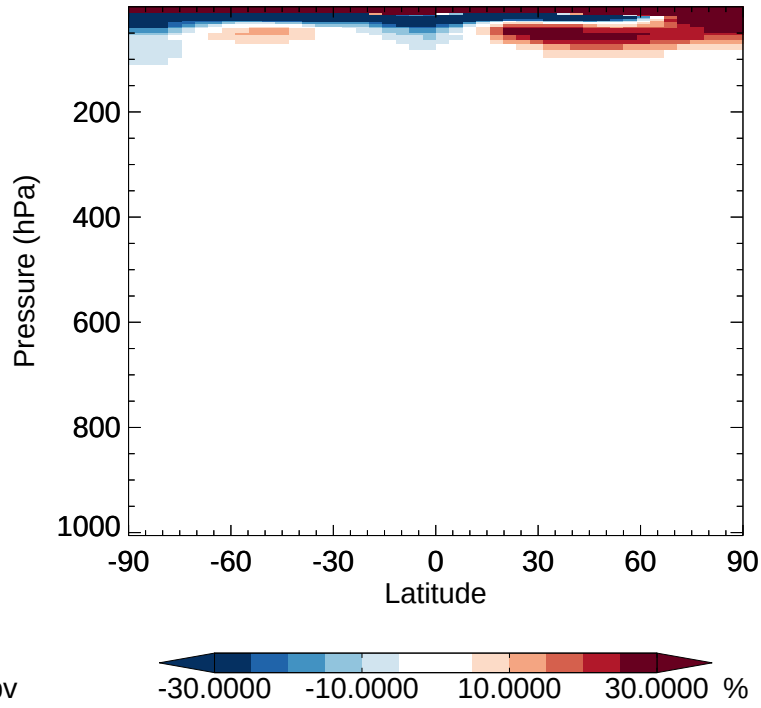
v11-02e-Run0 - v11-02d-Run1

OCS - Zonal mean abs diff for Apr



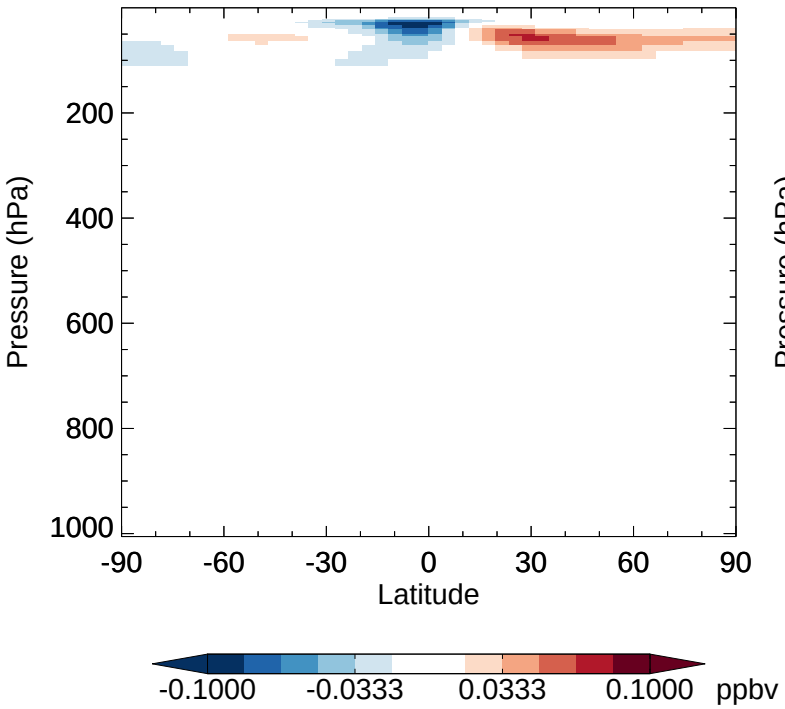
v11-02e-Run0 / v11-02d-Run1

OCS - Zonal mean % diff for Apr



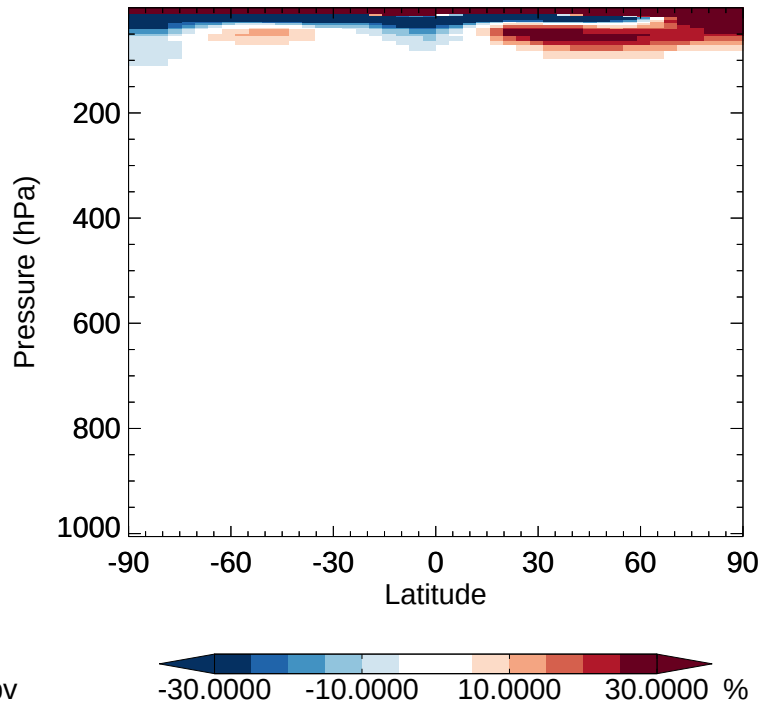
v11-02e-Run0 - v11-02c-Run0

OCS - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

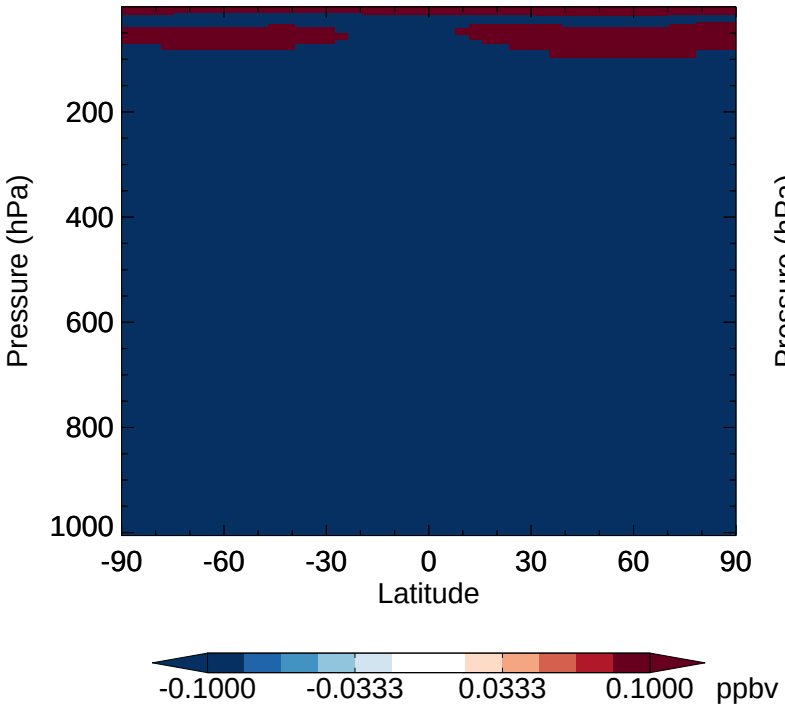
OCS - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

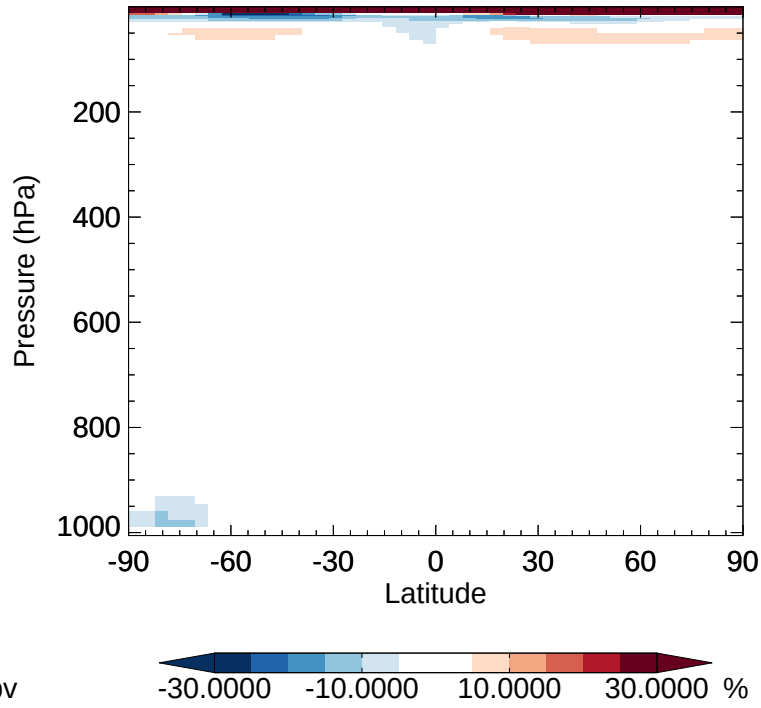
v11-02e-Run0 - v11-02d-Run1

CH4 - Zonal mean abs diff for Apr



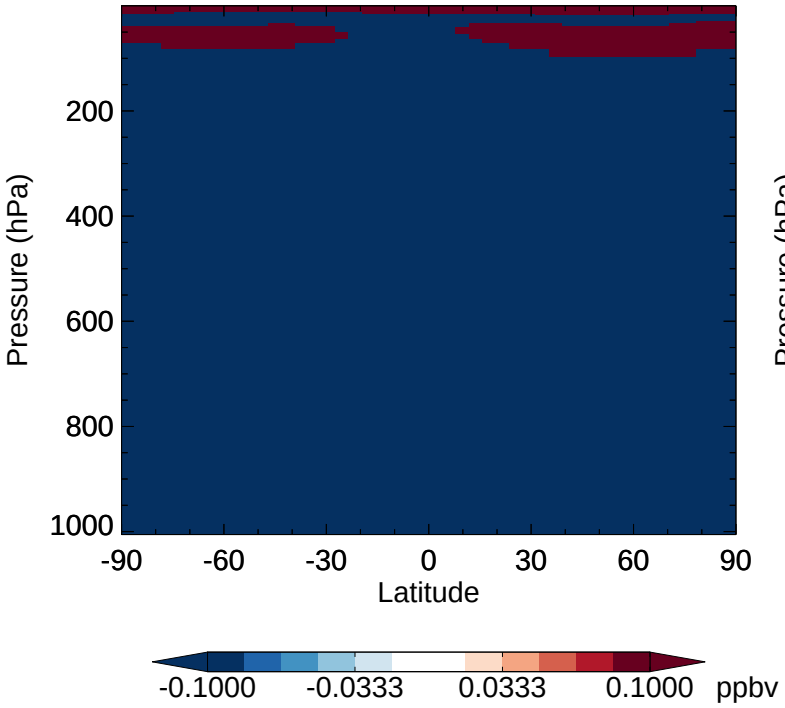
v11-02e-Run0 / v11-02d-Run1

CH4 - Zonal mean % diff for Apr



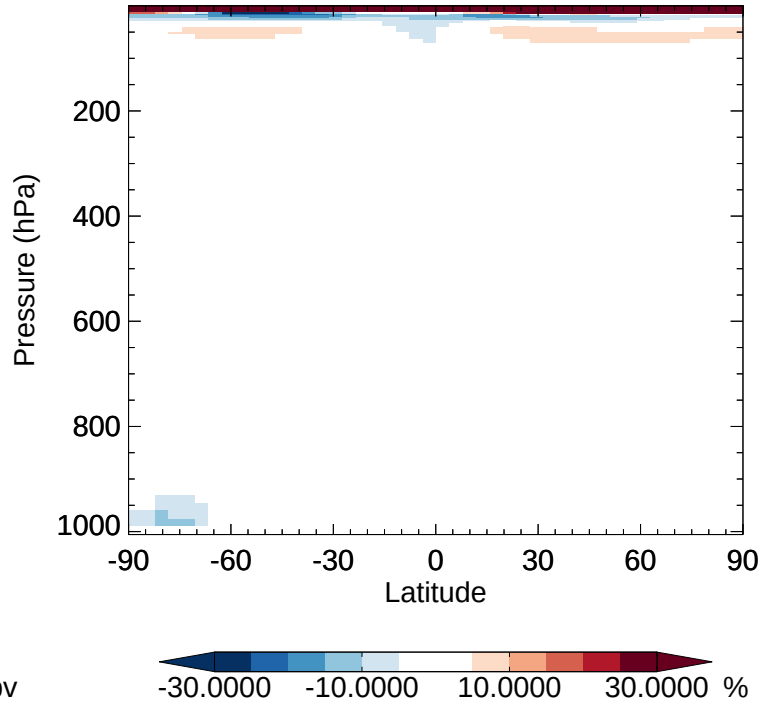
v11-02e-Run0 - v11-02c-Run0

CH4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

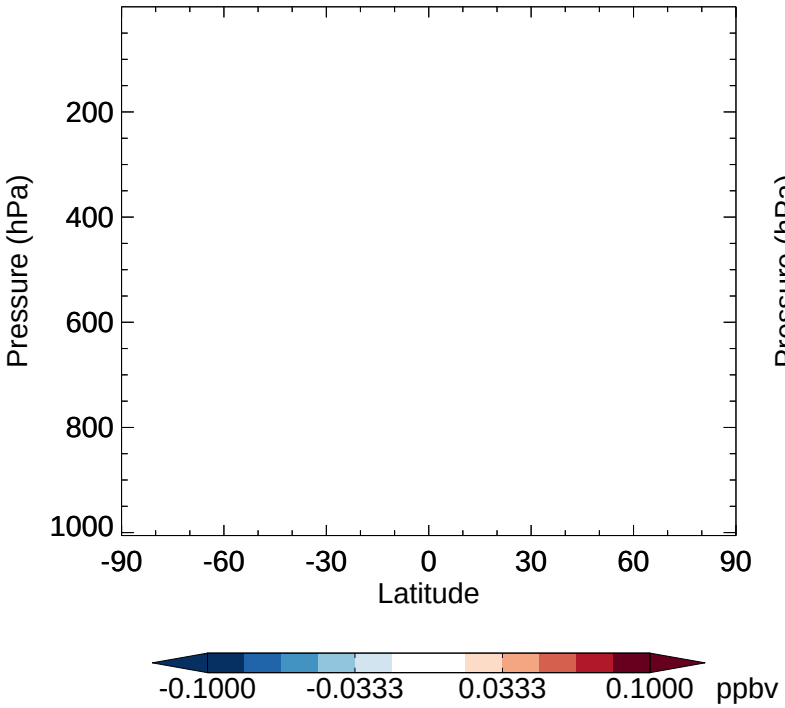
CH4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

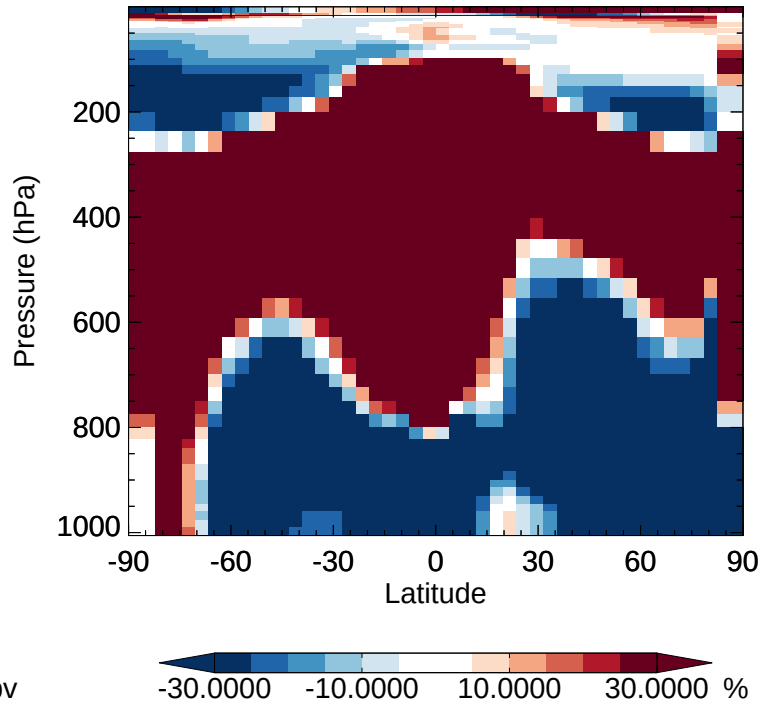
v11-02e-Run0 - v11-02d-Run1

BrCl - Zonal mean abs diff for Apr



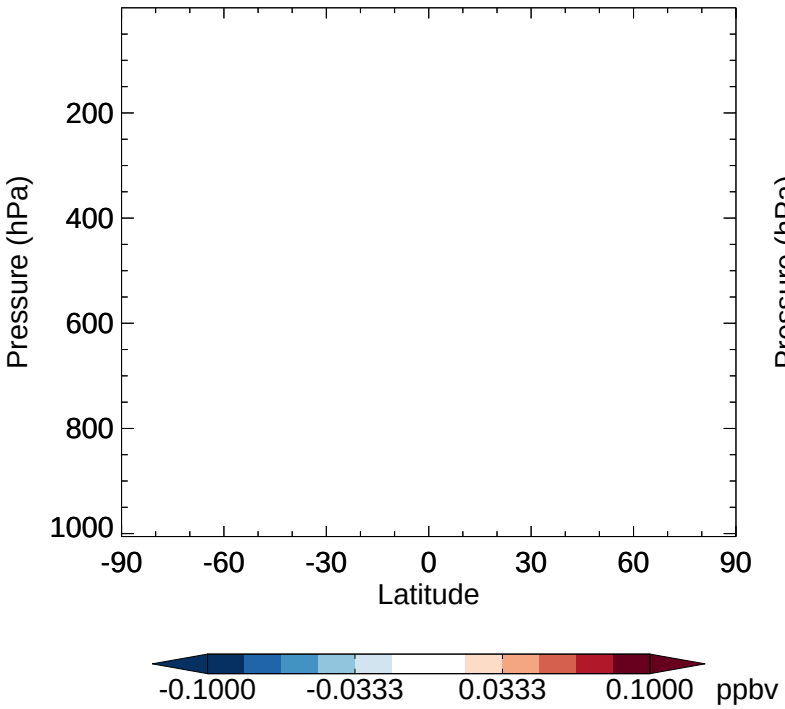
v11-02e-Run0 / v11-02d-Run1

BrCl - Zonal mean % diff for Apr



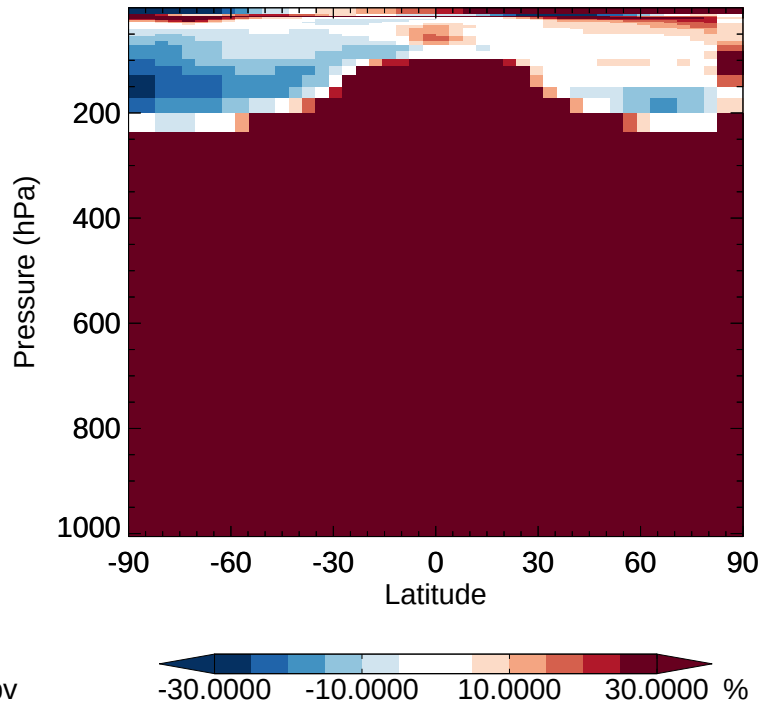
v11-02e-Run0 - v11-02c-Run0

BrCl - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

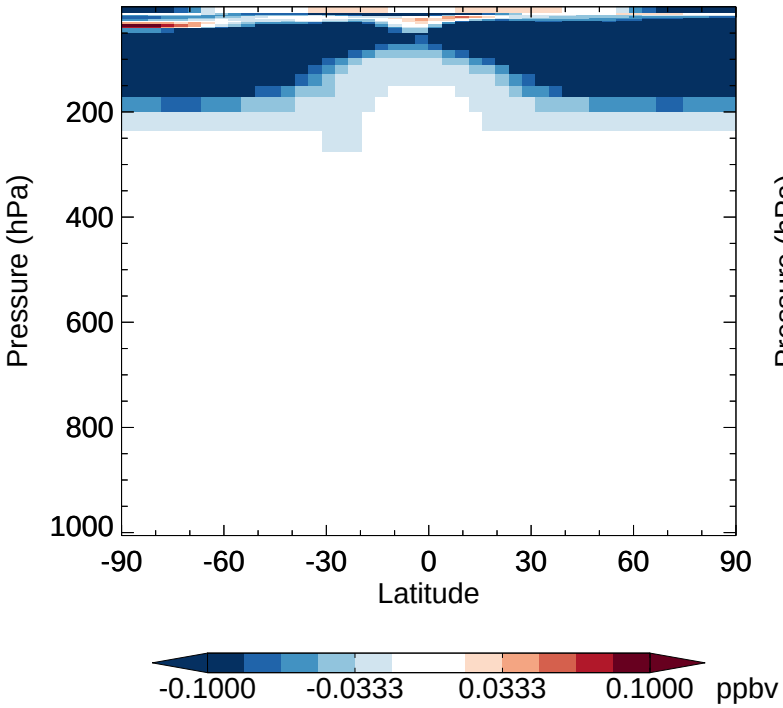
BrCl - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

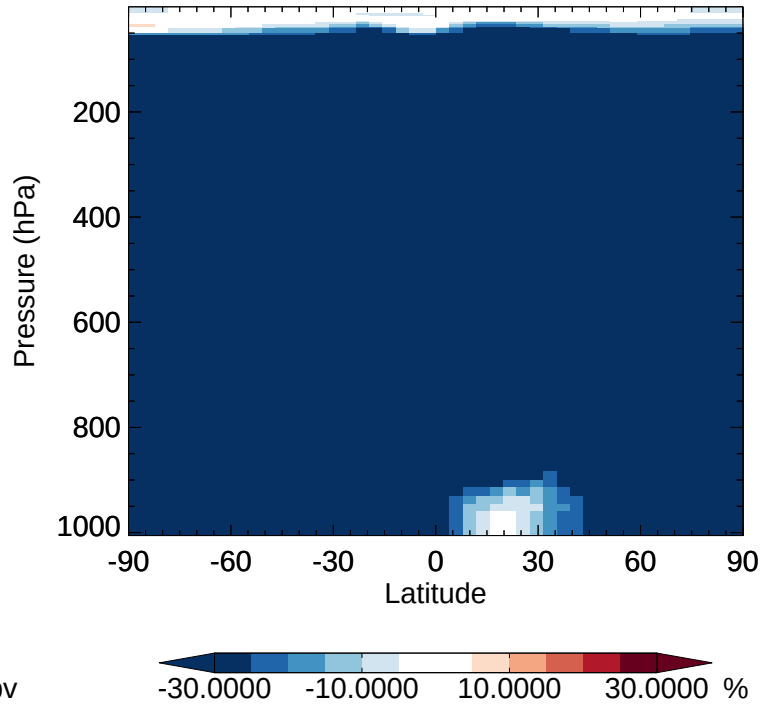
v11-02e-Run0 - v11-02d-Run1

HCl - Zonal mean abs diff for Apr



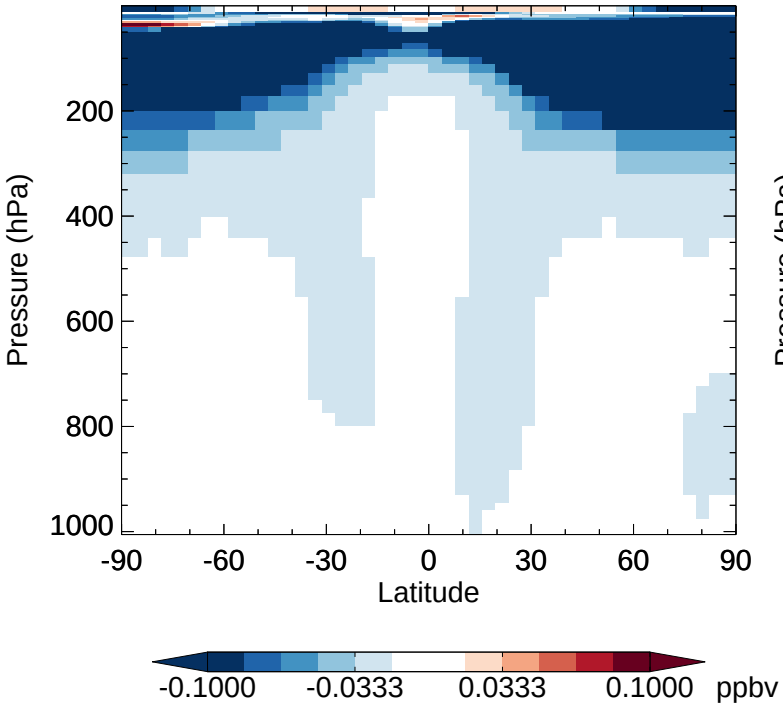
v11-02e-Run0 / v11-02d-Run1

HCl - Zonal mean % diff for Apr



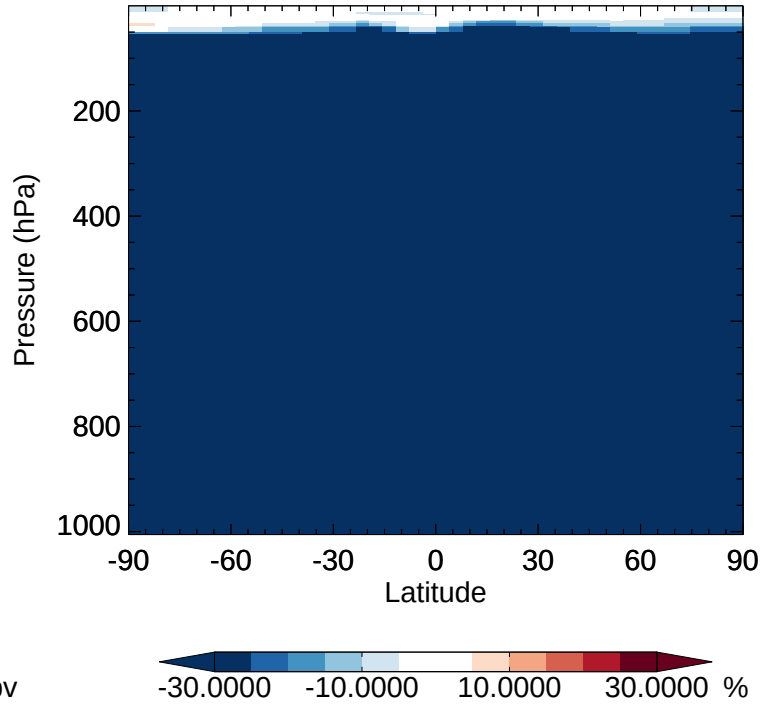
v11-02e-Run0 - v11-02c-Run0

HCl - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

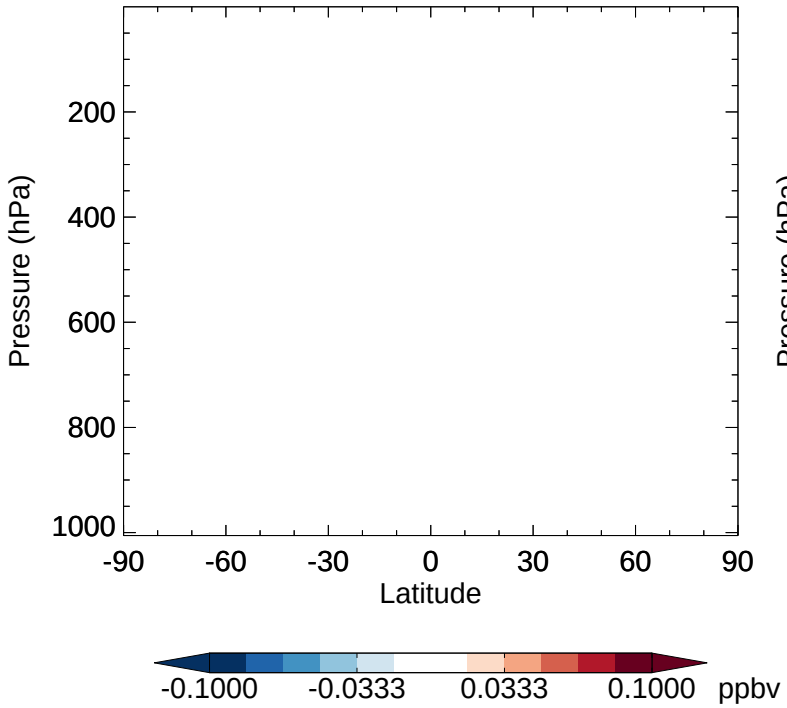
HCl - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

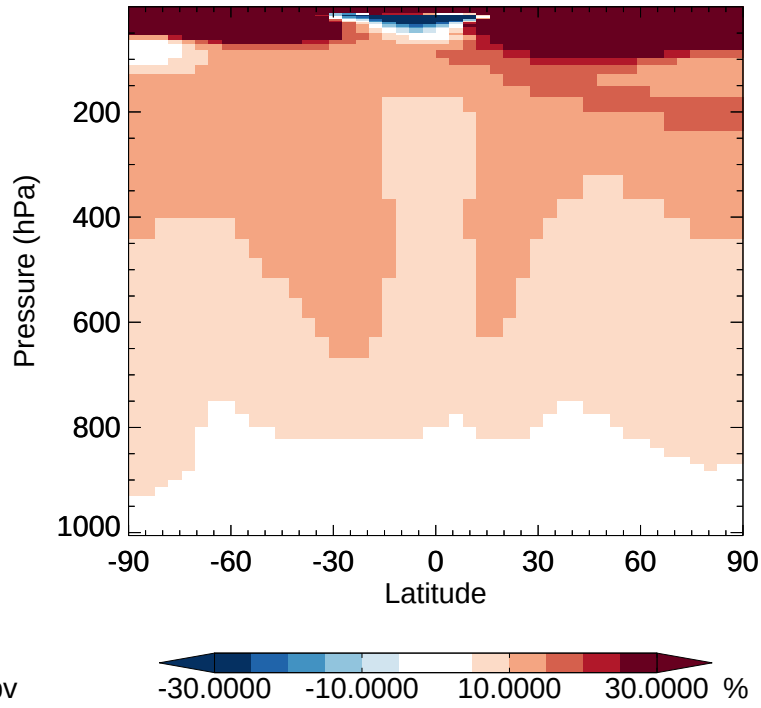
v11-02e-Run0 - v11-02d-Run1

CCl4 - Zonal mean abs diff for Apr



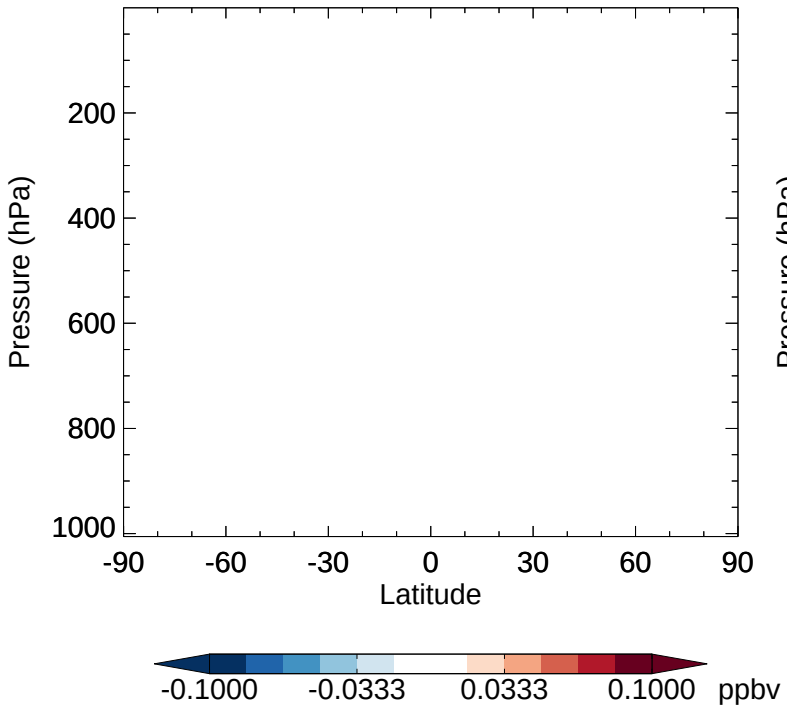
v11-02e-Run0 / v11-02d-Run1

CCl4 - Zonal mean % diff for Apr



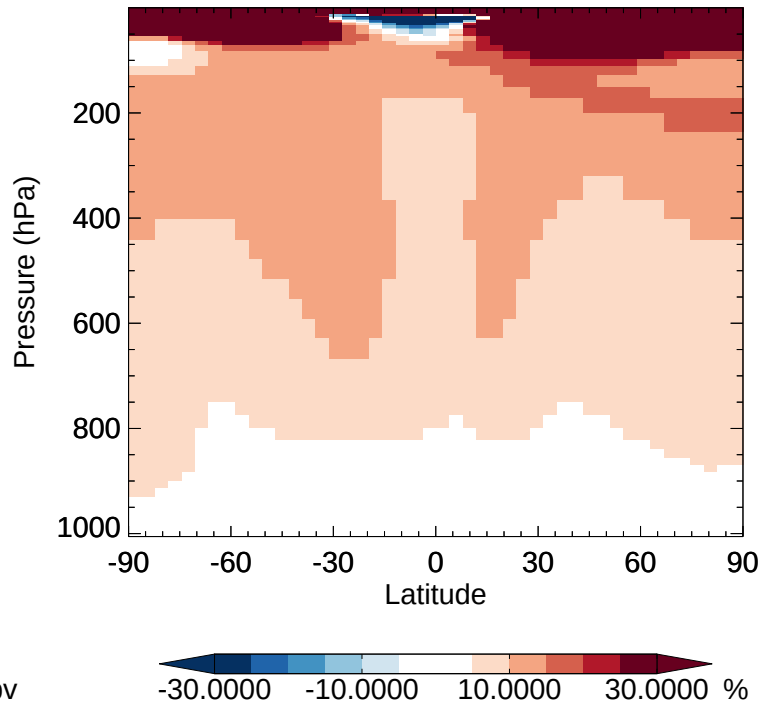
v11-02e-Run0 - v11-02c-Run0

CCl4 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

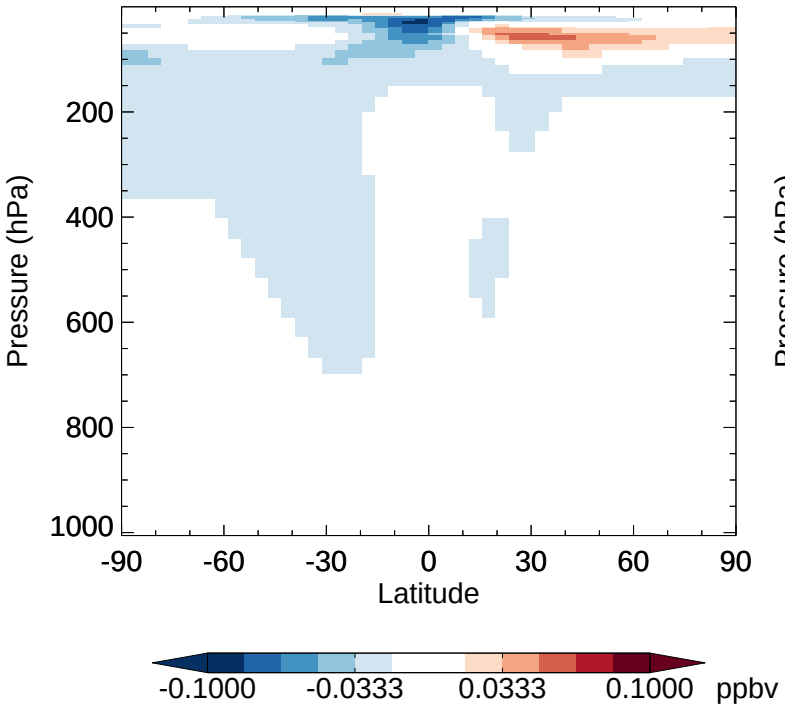
CCl4 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

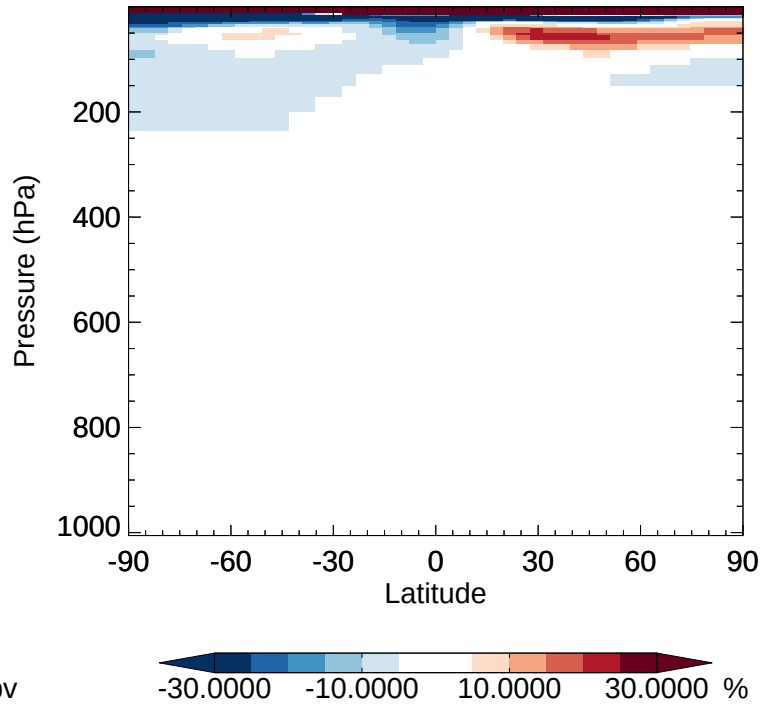
v11-02e-Run0 - v11-02d-Run1

CH3Cl - Zonal mean abs diff for Apr



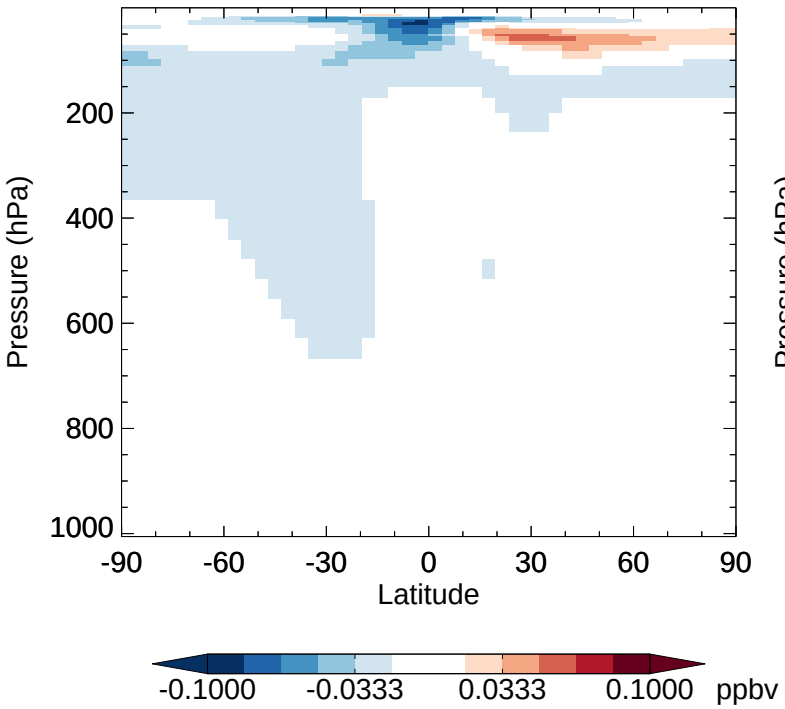
v11-02e-Run0 / v11-02d-Run1

CH3Cl - Zonal mean % diff for Apr



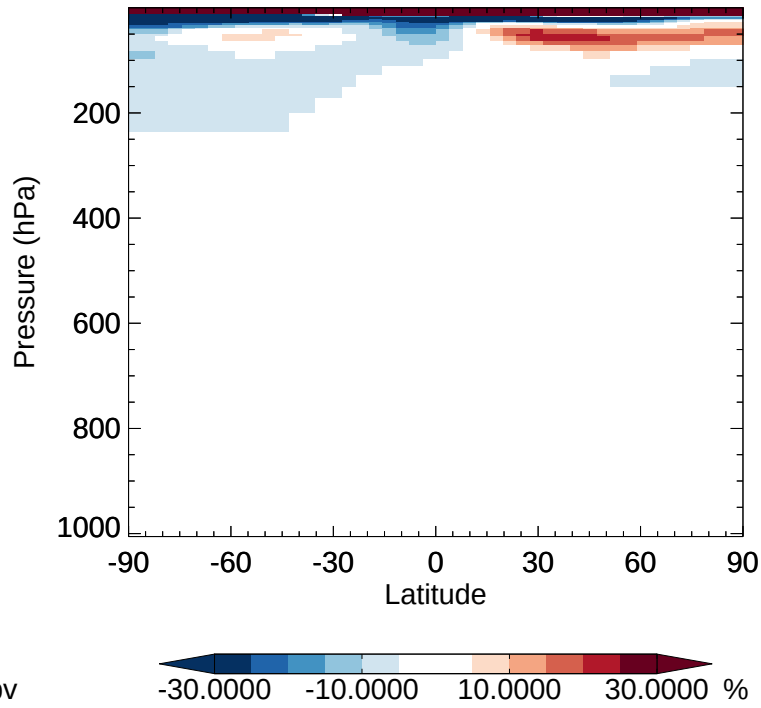
v11-02e-Run0 - v11-02c-Run0

CH3Cl - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

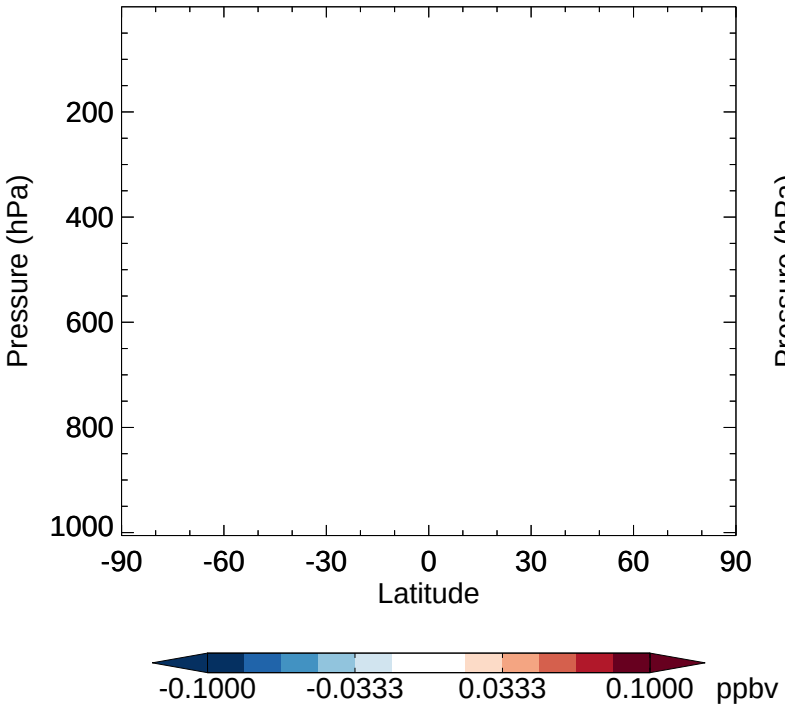
CH3Cl - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

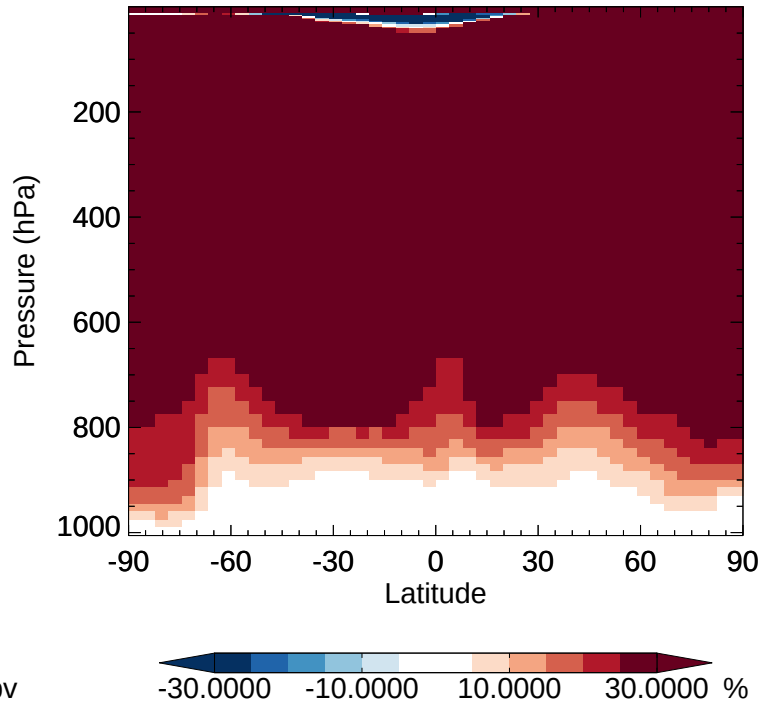
v11-02e-Run0 - v11-02d-Run1

CH3CCl3 - Zonal mean abs diff for Apr



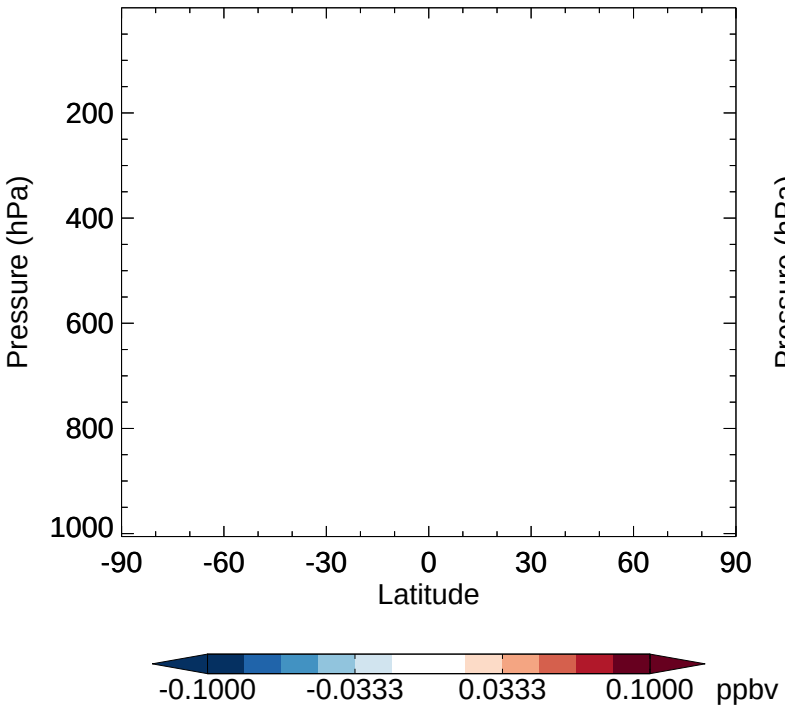
v11-02e-Run0 / v11-02d-Run1

CH3CCl3 - Zonal mean % diff for Apr



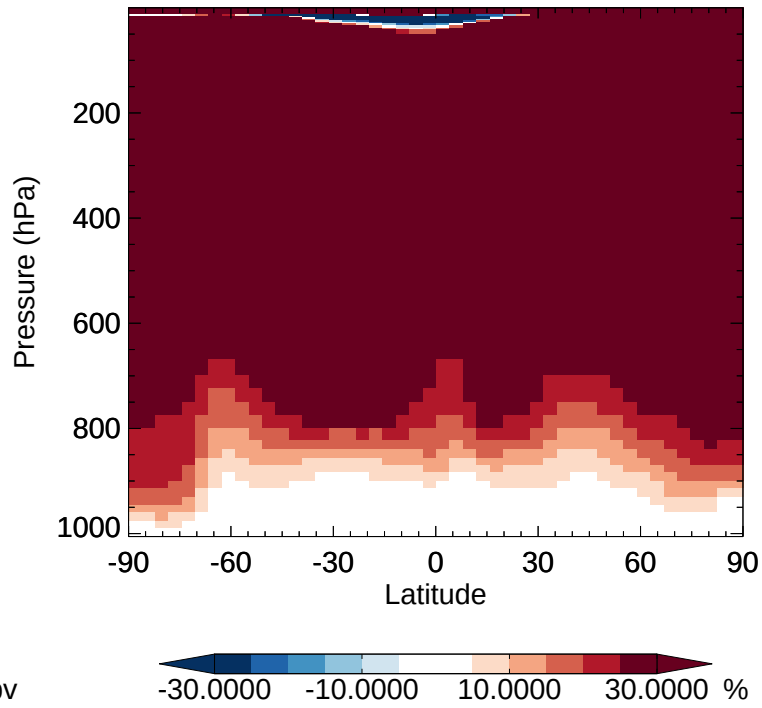
v11-02e-Run0 - v11-02c-Run0

CH3CCl3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

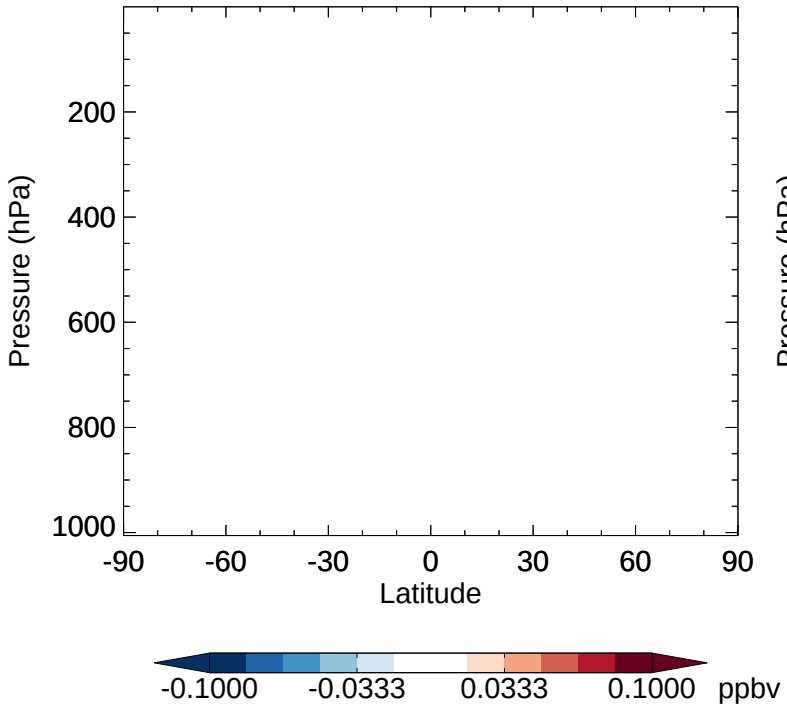
CH3CCl3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

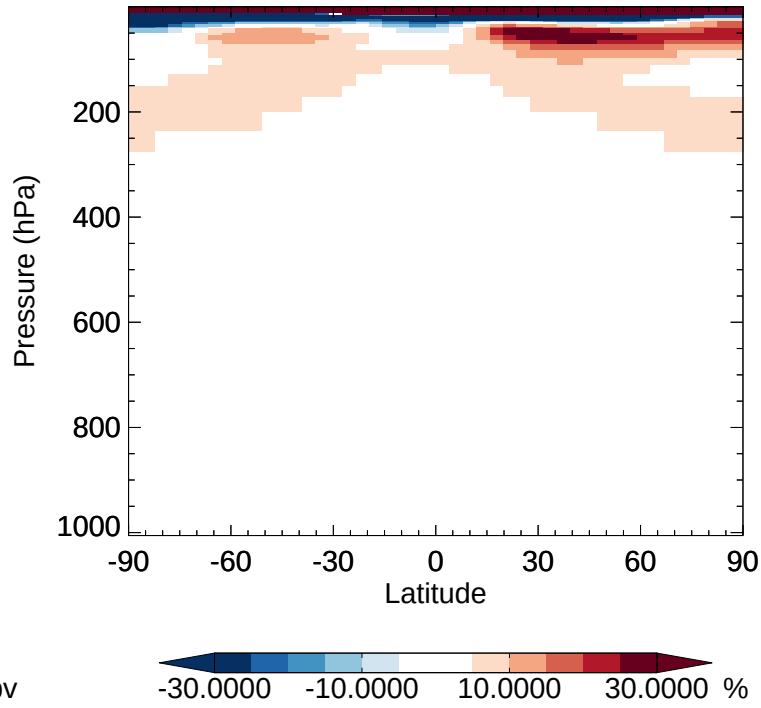
v11-02e-Run0 - v11-02d-Run1

CFC113 - Zonal mean abs diff for Apr



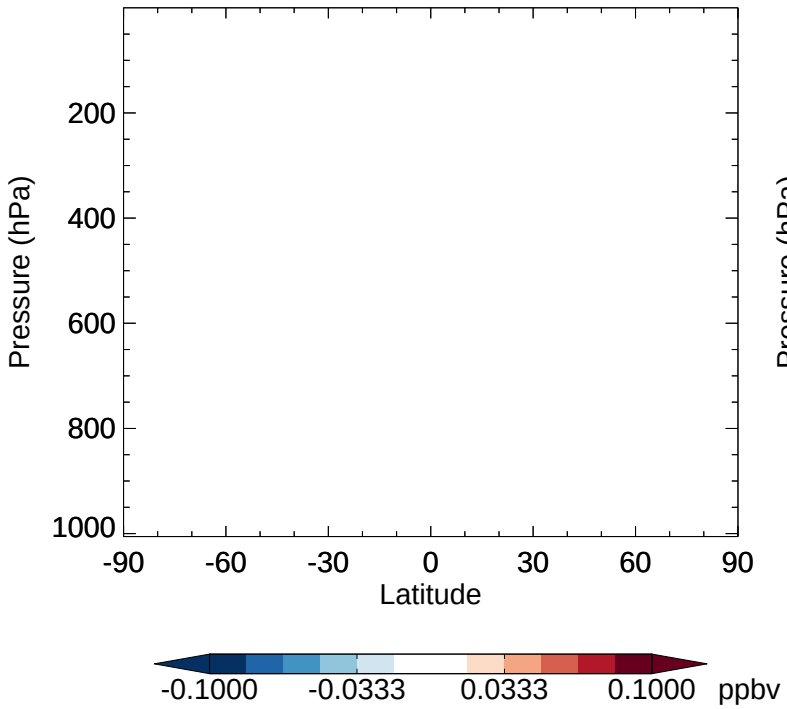
v11-02e-Run0 / v11-02d-Run1

CFC113 - Zonal mean % diff for Apr



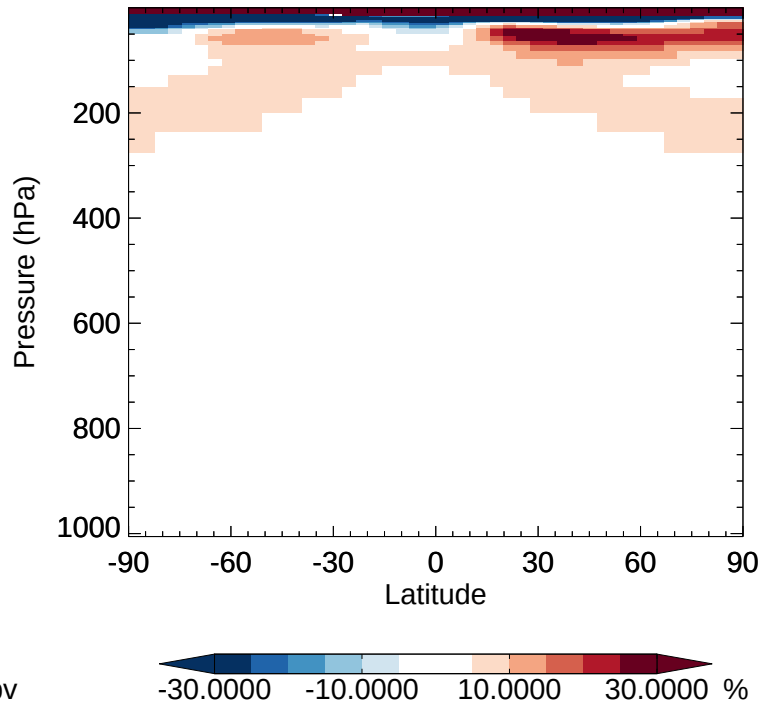
v11-02e-Run0 - v11-02c-Run0

CFC113 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

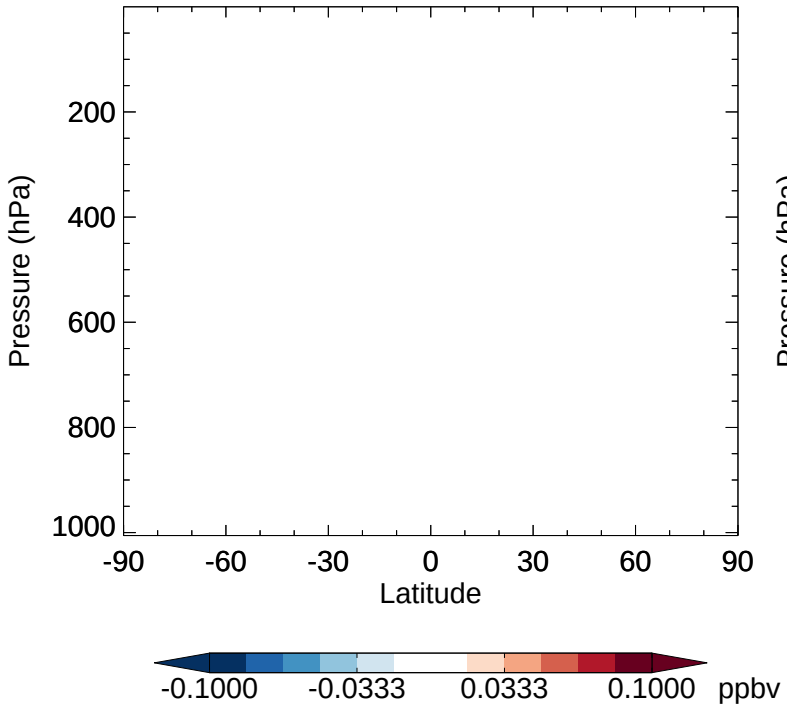
CFC113 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

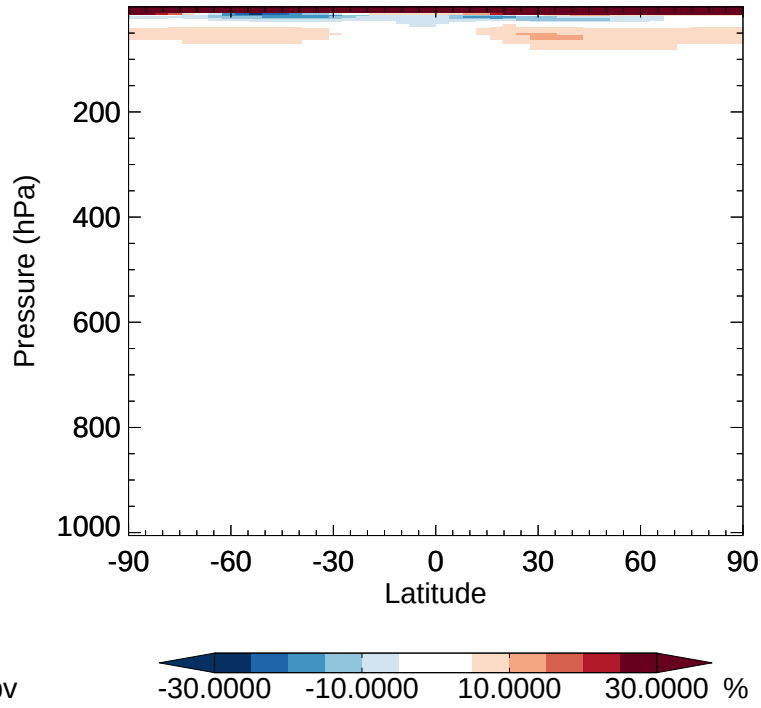
v11-02e-Run0 - v11-02d-Run1

CFC114 - Zonal mean abs diff for Apr



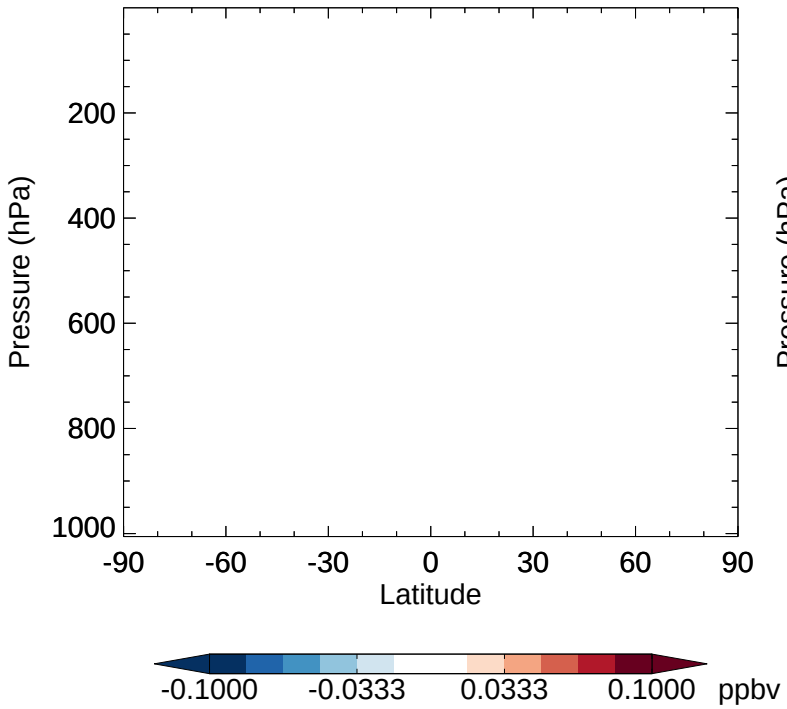
v11-02e-Run0 / v11-02d-Run1

CFC114 - Zonal mean % diff for Apr



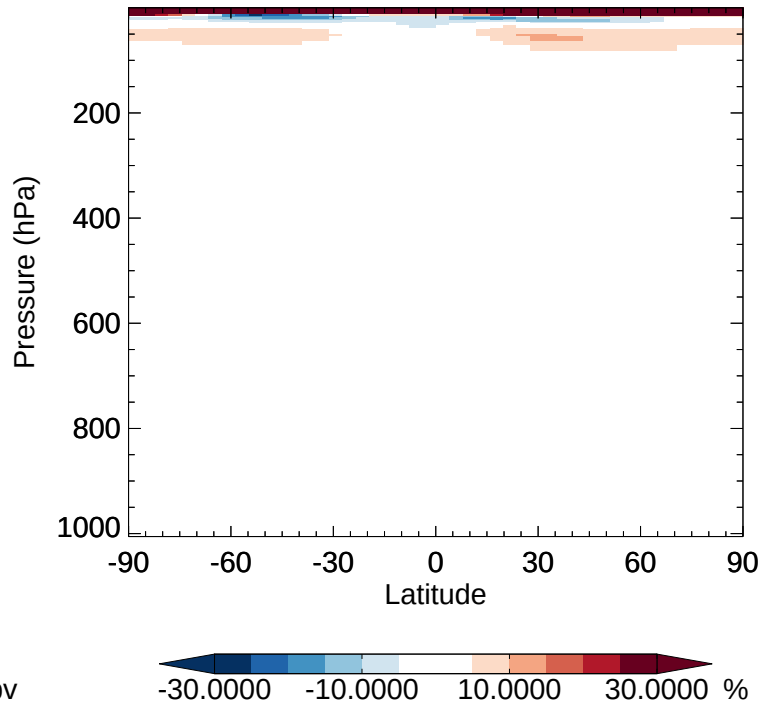
v11-02e-Run0 - v11-02c-Run0

CFC114 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

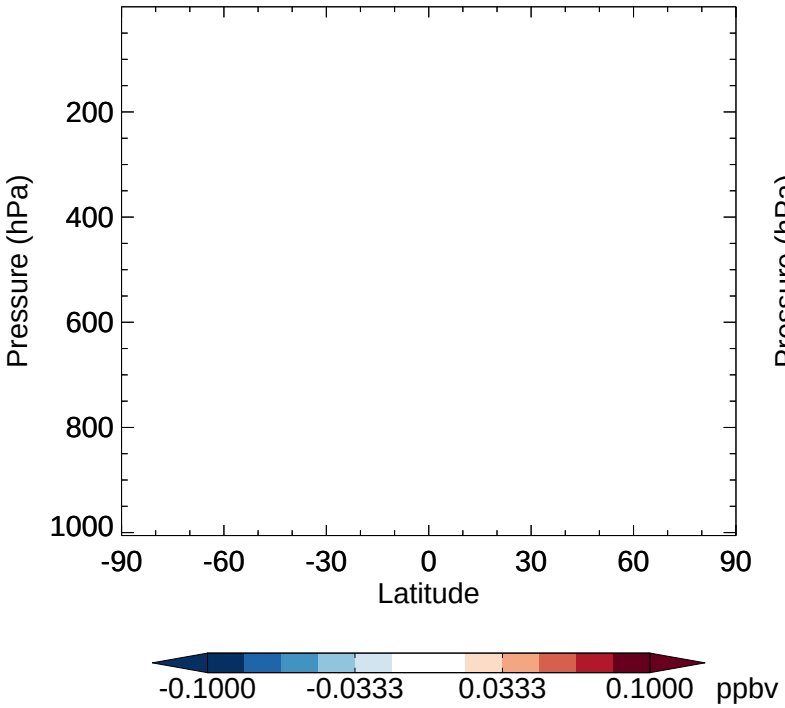
CFC114 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

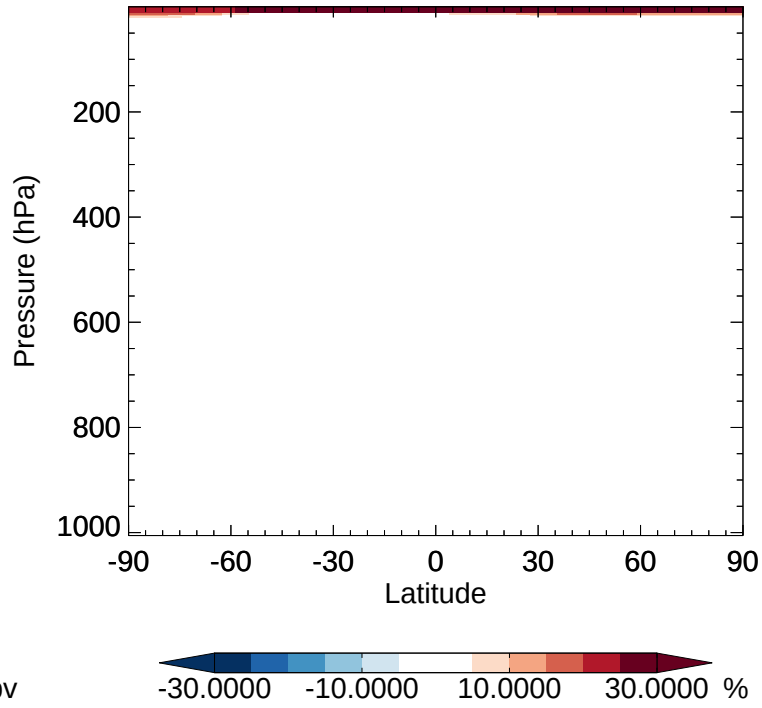
v11-02e-Run0 - v11-02d-Run1

CFC115 - Zonal mean abs diff for Apr



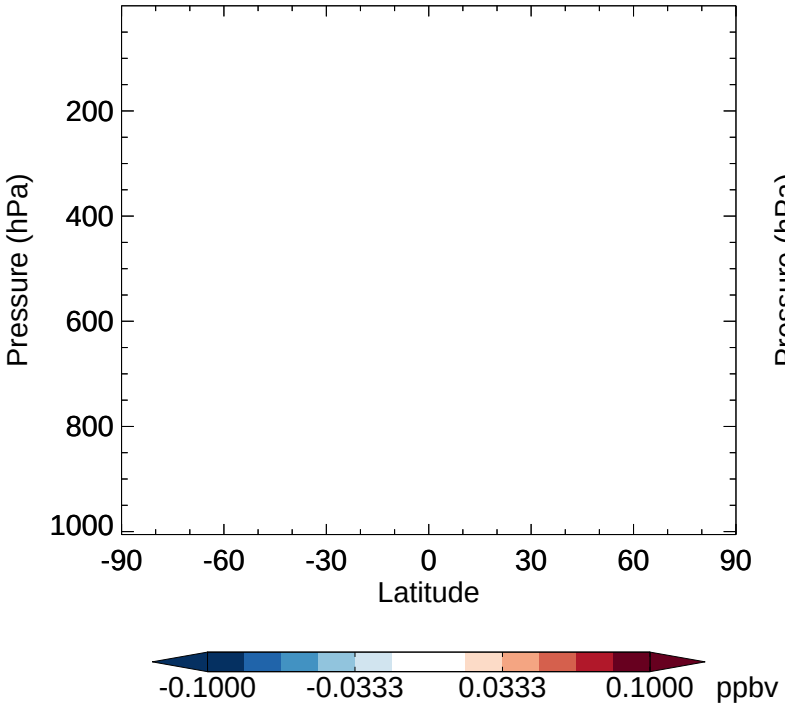
v11-02e-Run0 / v11-02d-Run1

CFC115 - Zonal mean % diff for Apr



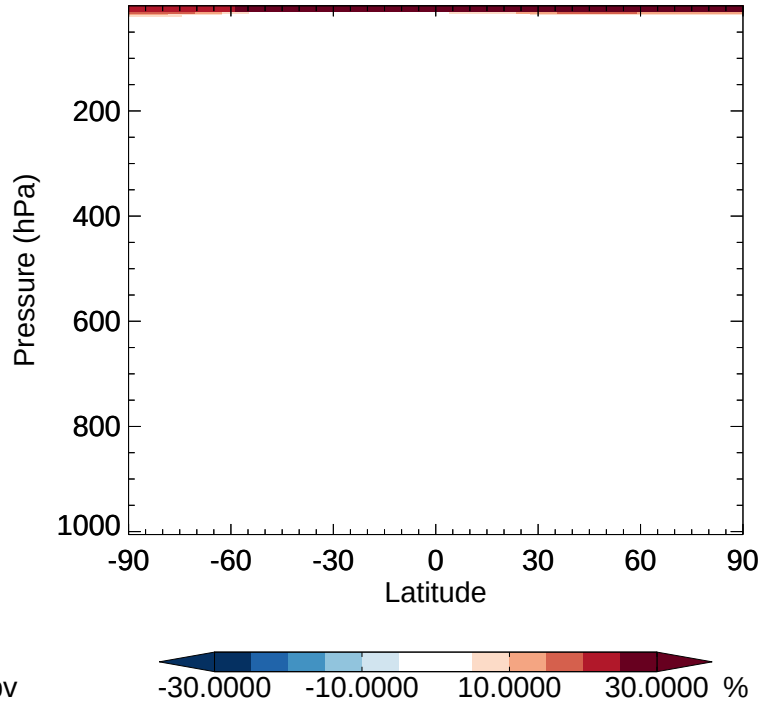
v11-02e-Run0 - v11-02c-Run0

CFC115 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

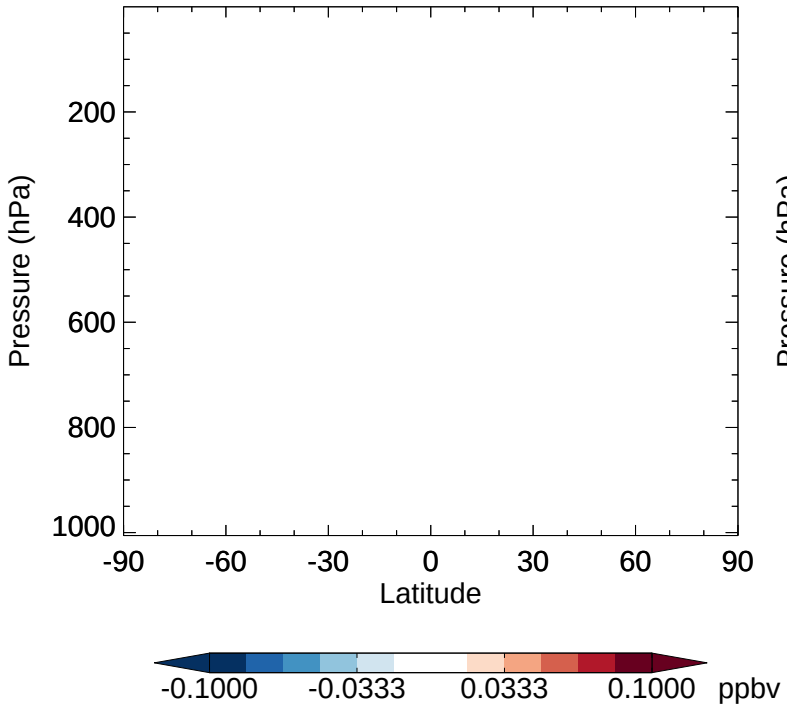
CFC115 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

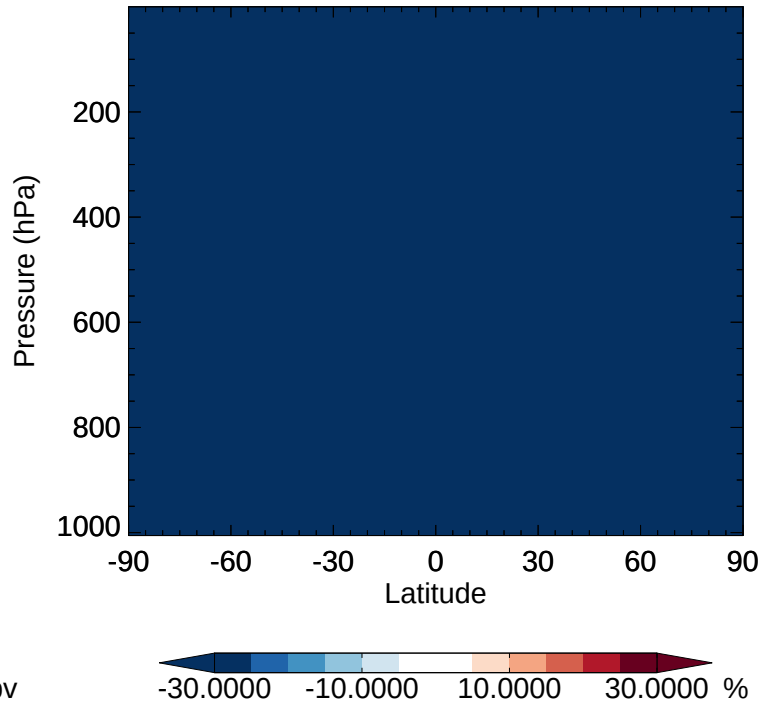
v11-02e-Run0 - v11-02d-Run1

HCFC123 - Zonal mean abs diff for Apr



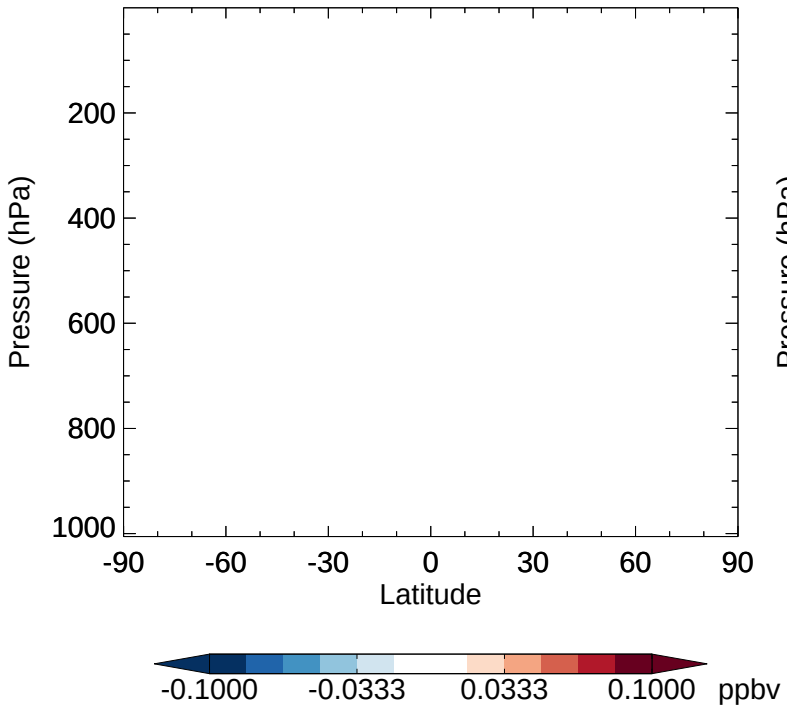
v11-02e-Run0 / v11-02d-Run1

HCFC123 - Zonal mean % diff for Apr



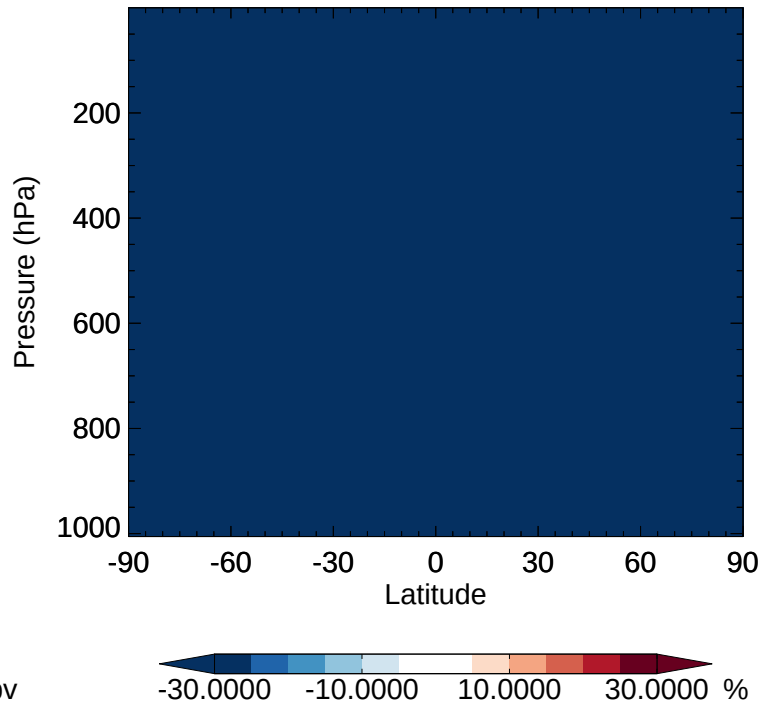
v11-02e-Run0 - v11-02c-Run0

HCFC123 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

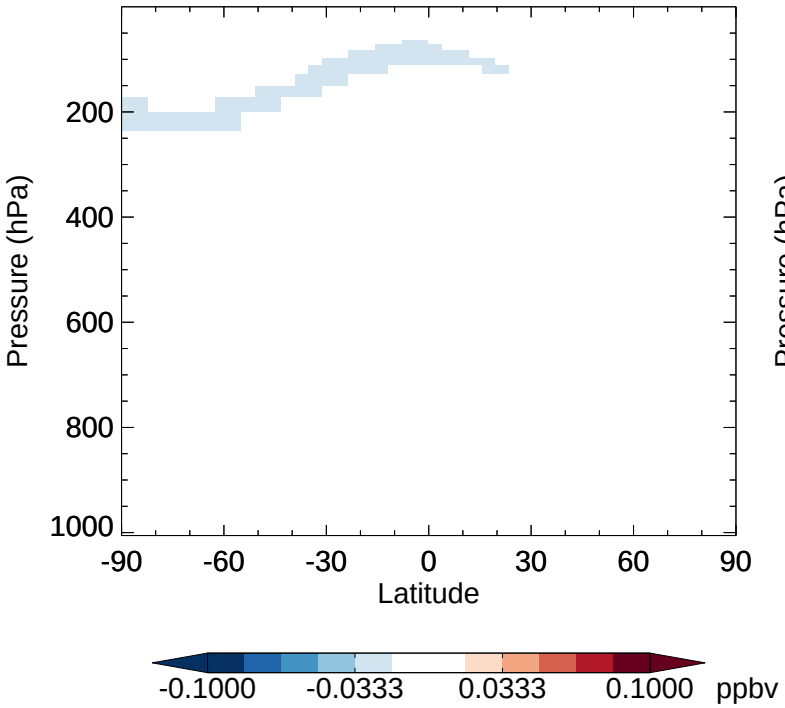
HCFC123 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

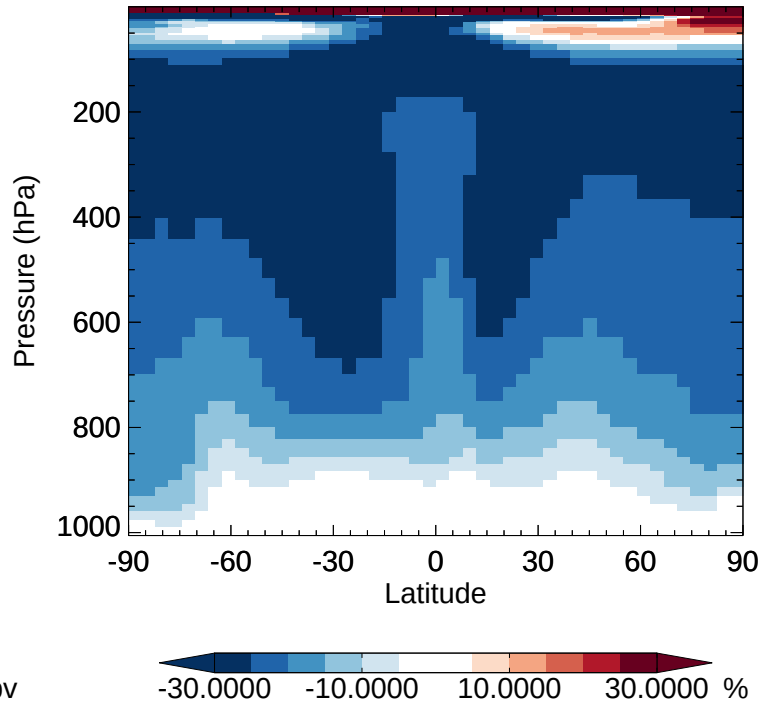
v11-02e-Run0 - v11-02d-Run1

HCFC141b - Zonal mean abs diff for Apr



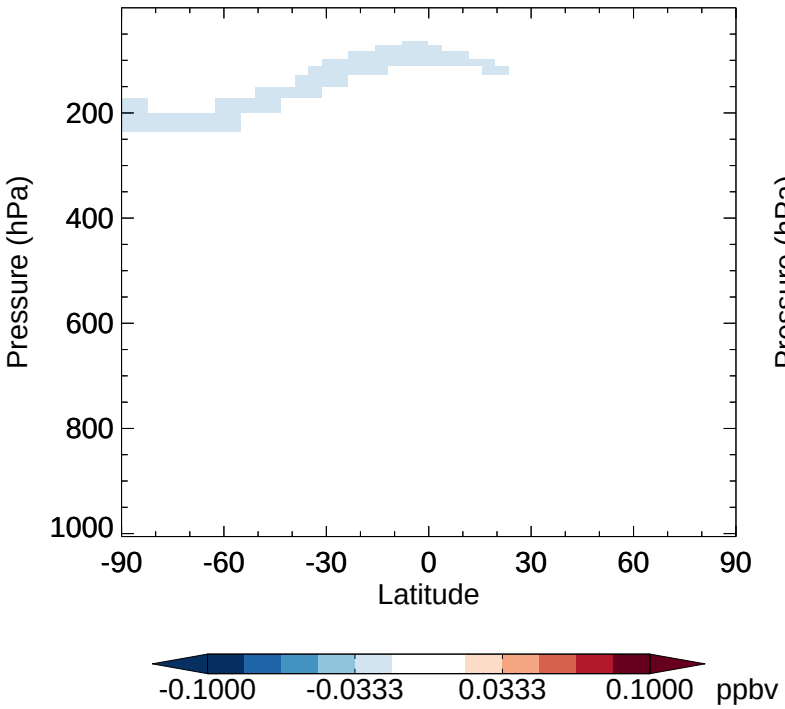
v11-02e-Run0 / v11-02d-Run1

HCFC141b - Zonal mean % diff for Apr



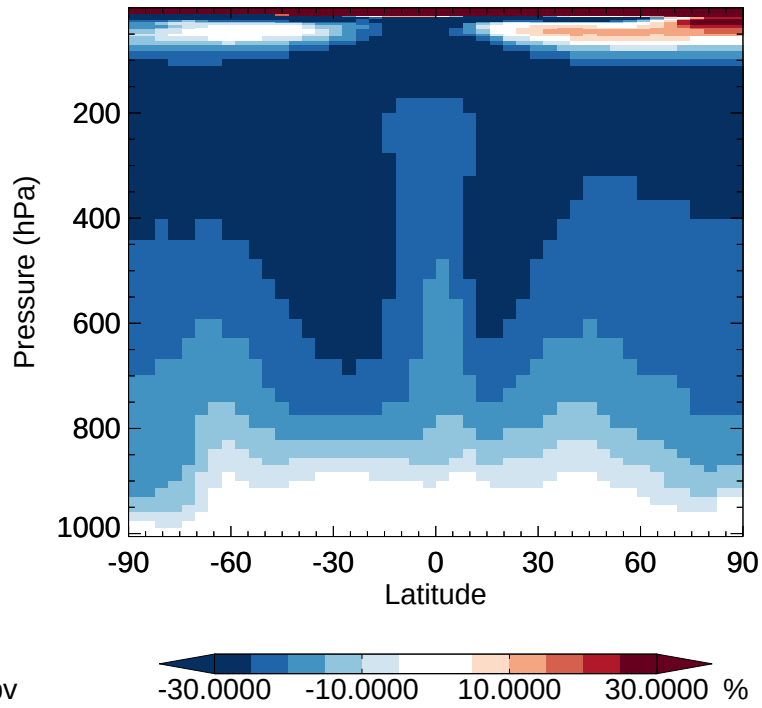
v11-02e-Run0 - v11-02c-Run0

HCFC141b - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

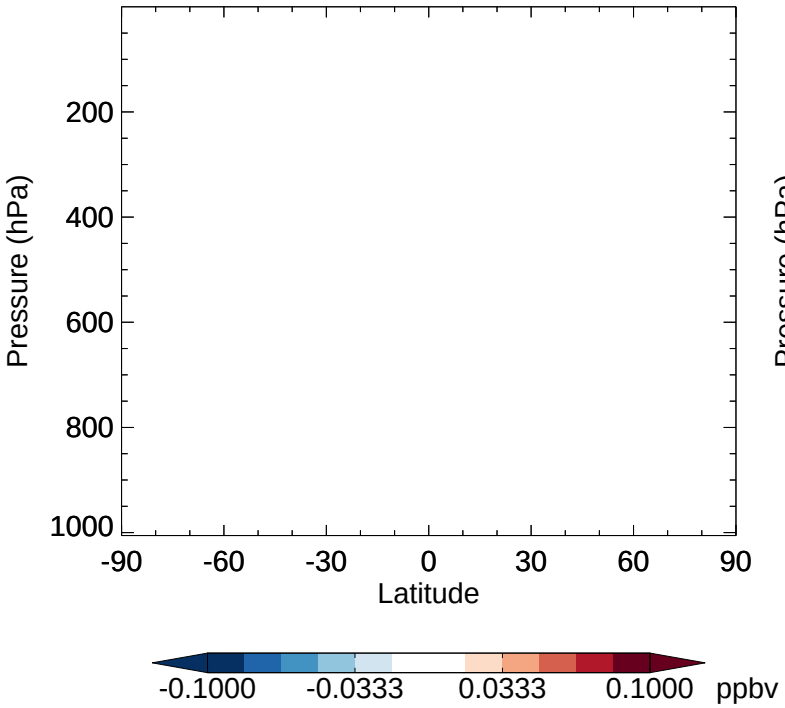
HCFC141b - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

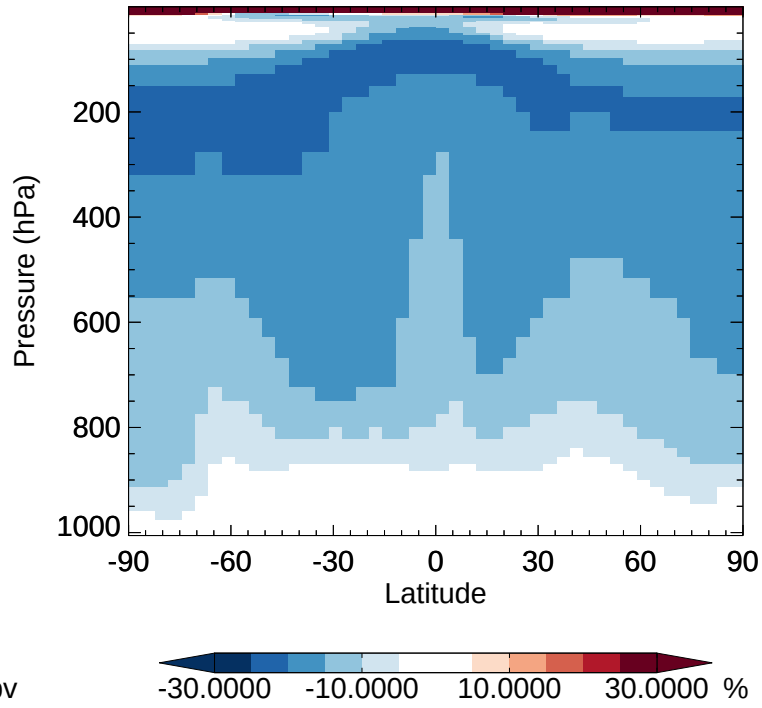
v11-02e-Run0 - v11-02d-Run1

HCFC142b - Zonal mean abs diff for Apr



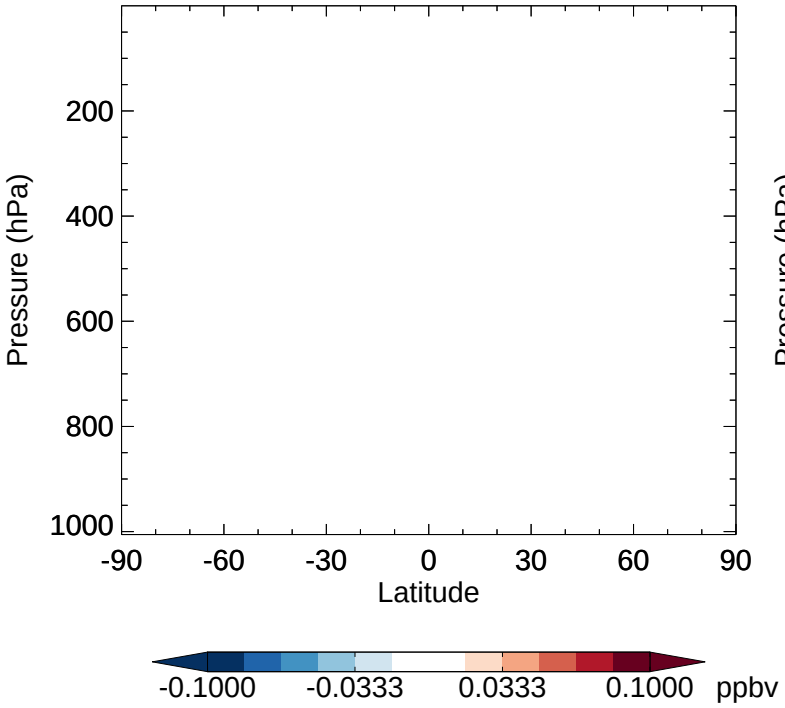
v11-02e-Run0 / v11-02d-Run1

HCFC142b - Zonal mean % diff for Apr



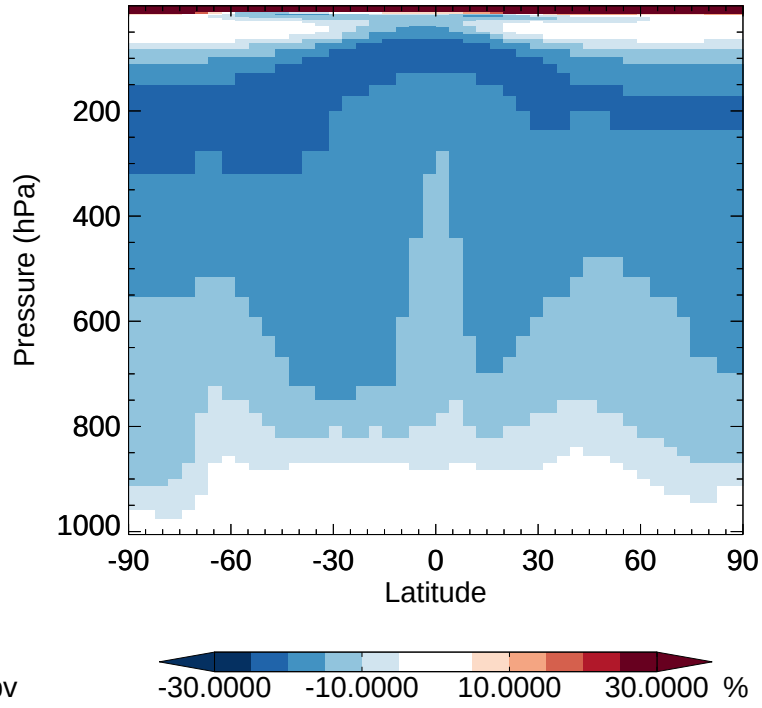
v11-02e-Run0 - v11-02c-Run0

HCFC142b - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

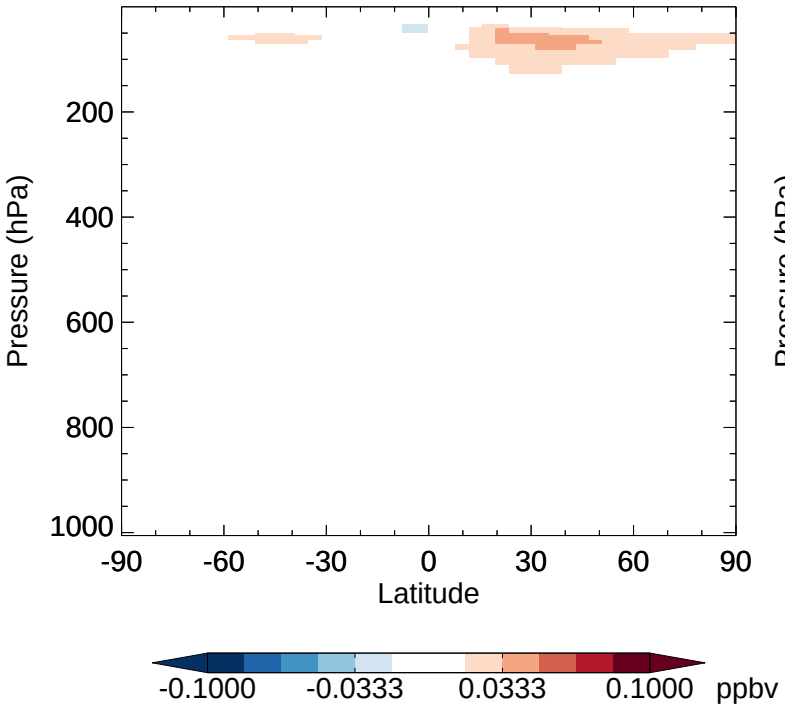
HCFC142b - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

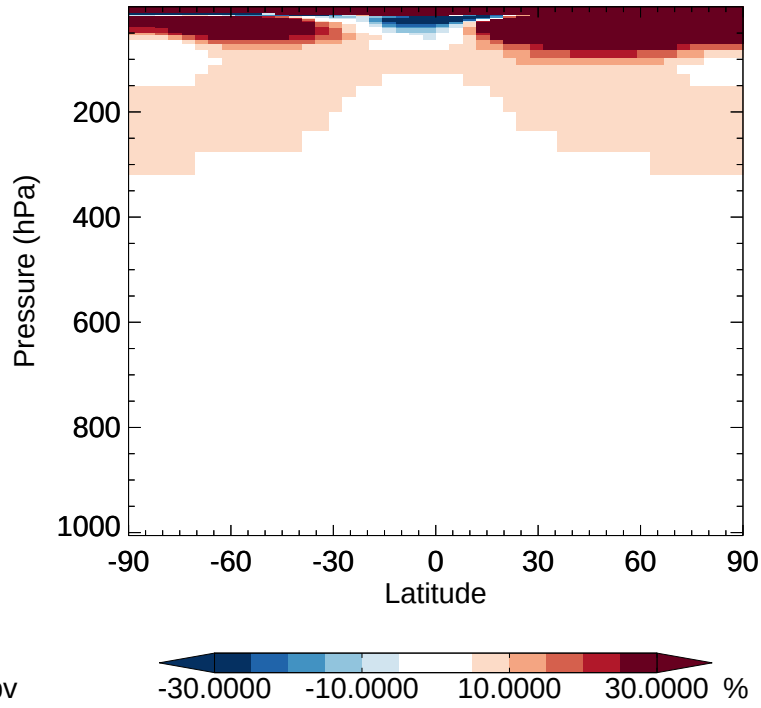
v11-02e-Run0 - v11-02d-Run1

CFC11 - Zonal mean abs diff for Apr



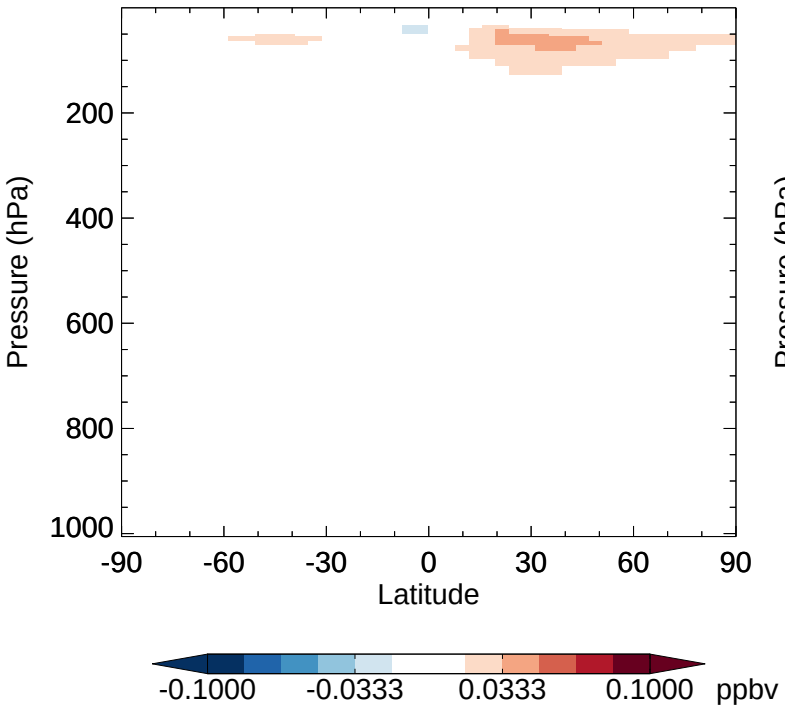
v11-02e-Run0 / v11-02d-Run1

CFC11 - Zonal mean % diff for Apr



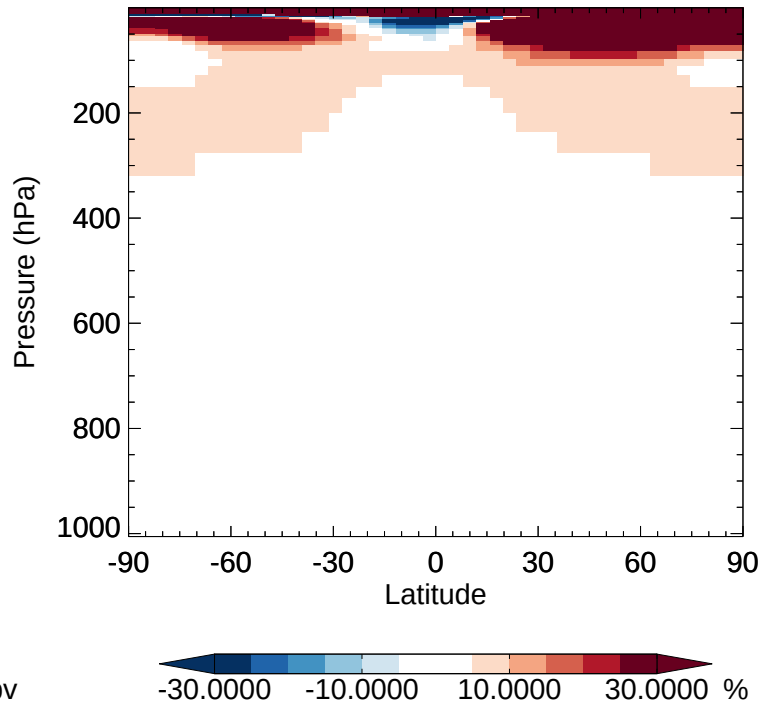
v11-02e-Run0 - v11-02c-Run0

CFC11 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

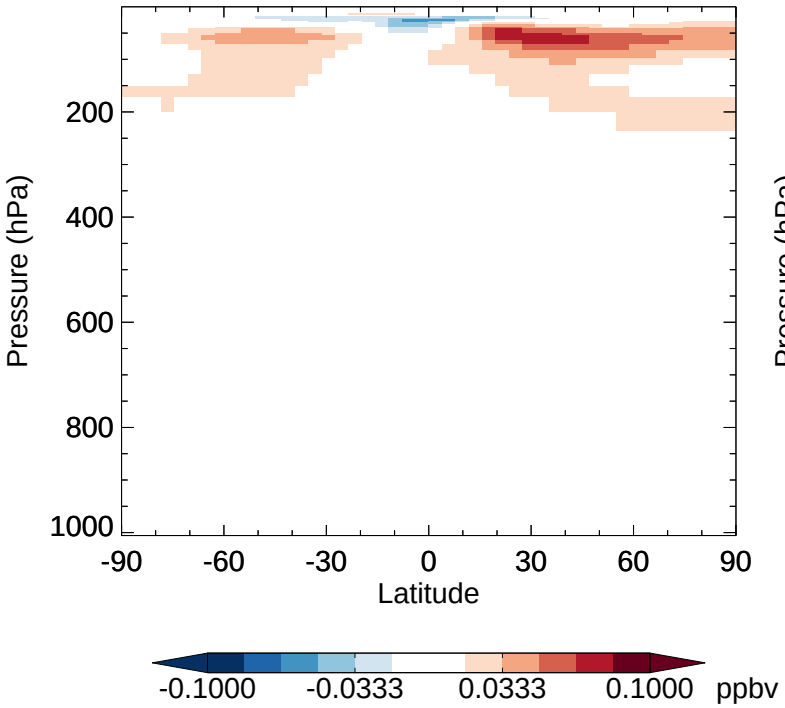
CFC11 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

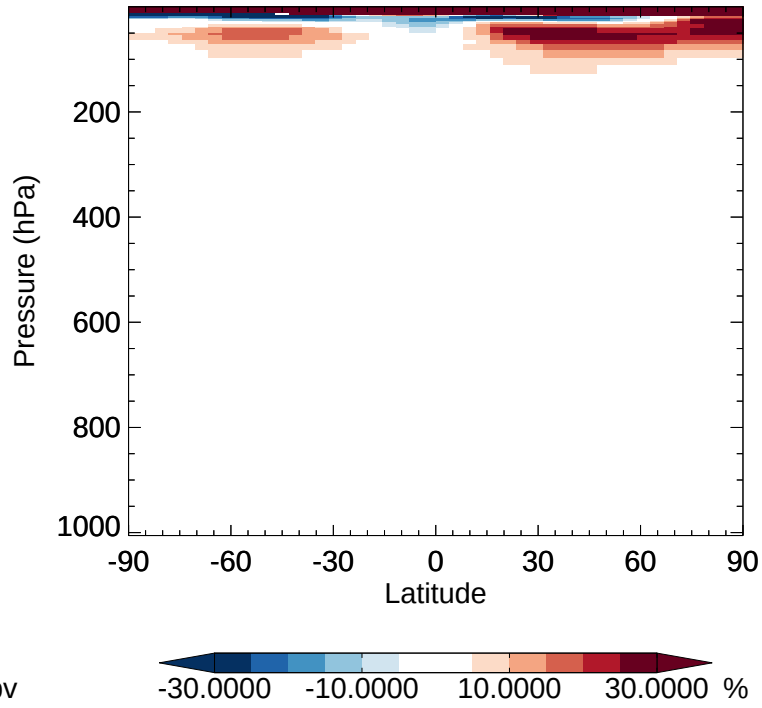
v11-02e-Run0 - v11-02d-Run1

CFC12 - Zonal mean abs diff for Apr



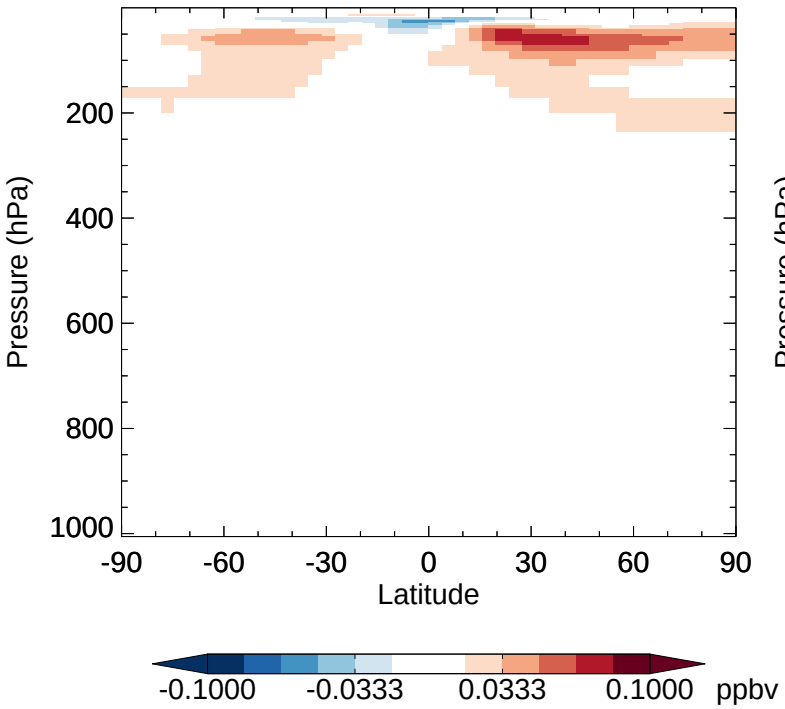
v11-02e-Run0 / v11-02d-Run1

CFC12 - Zonal mean % diff for Apr



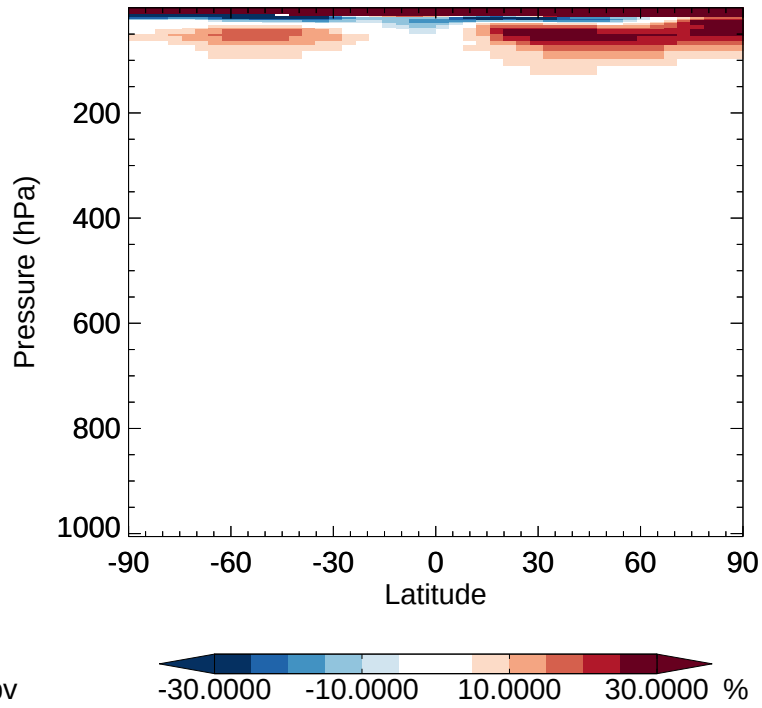
v11-02e-Run0 - v11-02c-Run0

CFC12 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

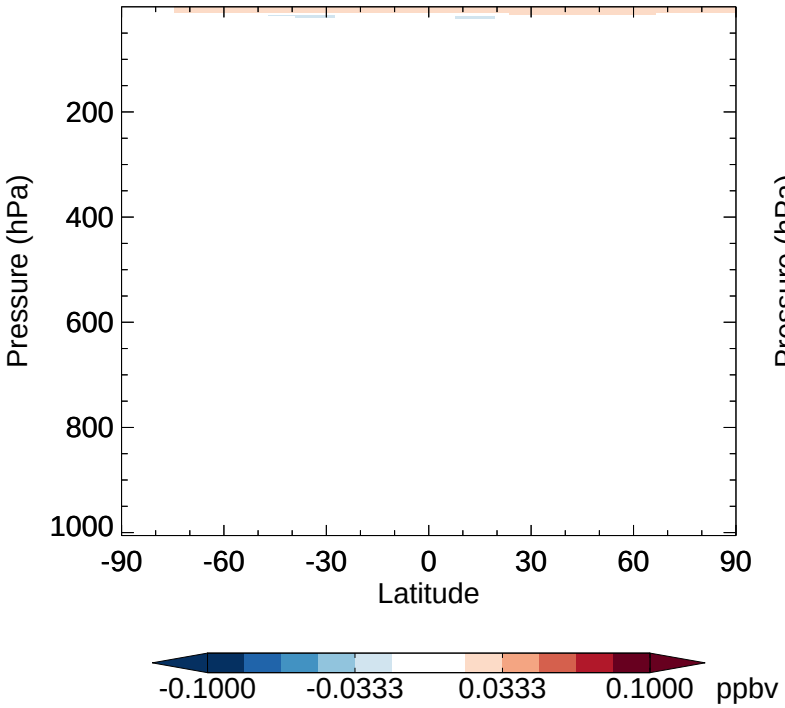
CFC12 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

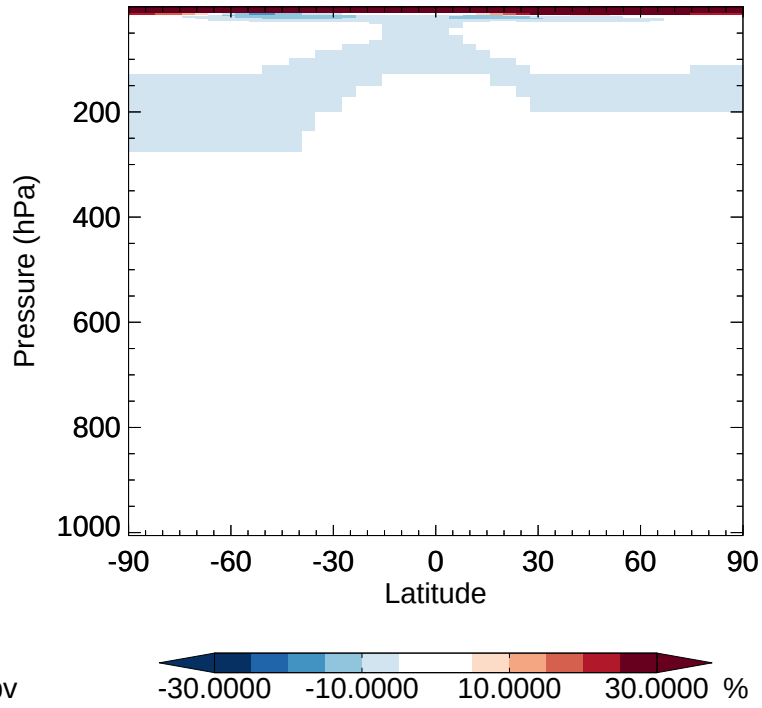
v11-02e-Run0 - v11-02d-Run1

HCFC22 - Zonal mean abs diff for Apr



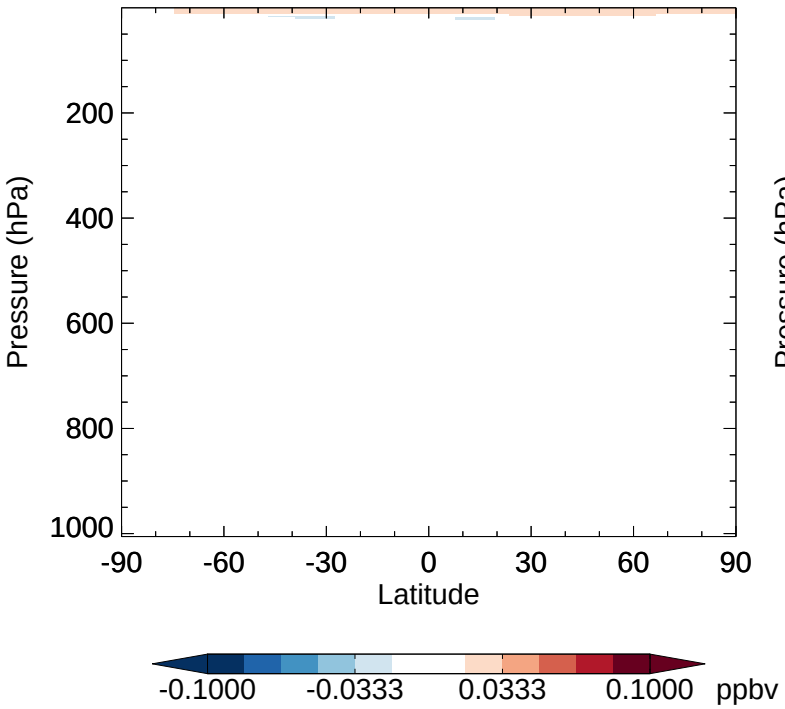
v11-02e-Run0 / v11-02d-Run1

HCFC22 - Zonal mean % diff for Apr



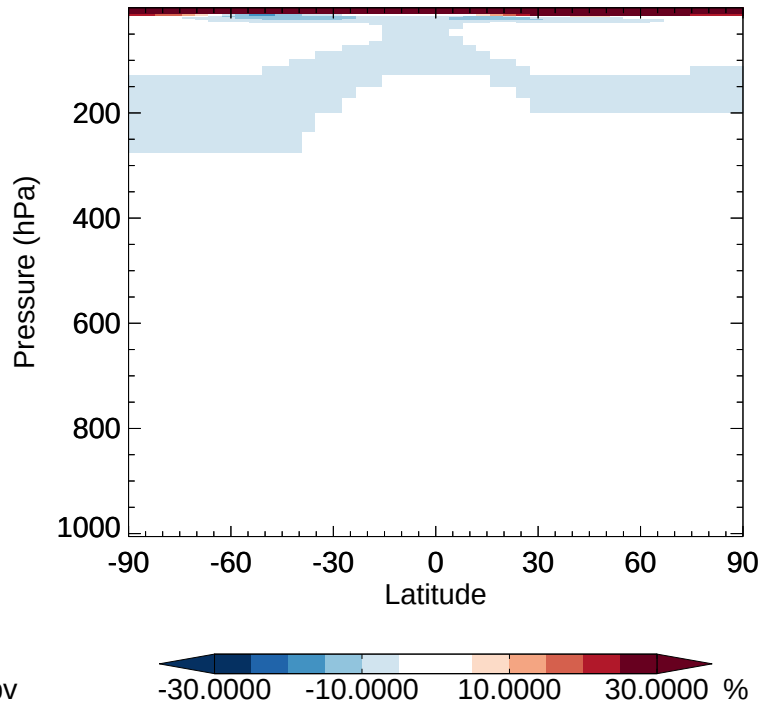
v11-02e-Run0 - v11-02c-Run0

HCFC22 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

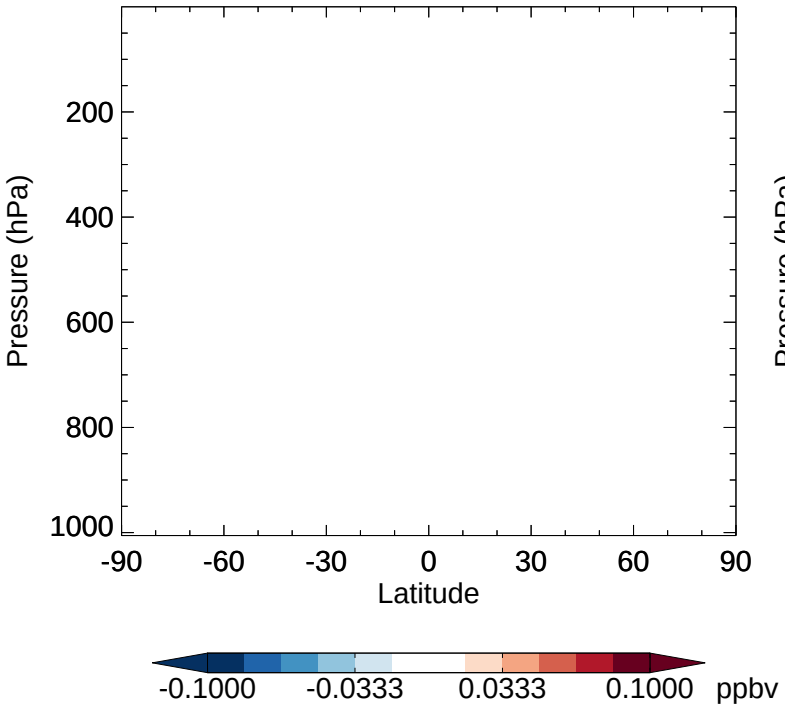
HCFC22 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

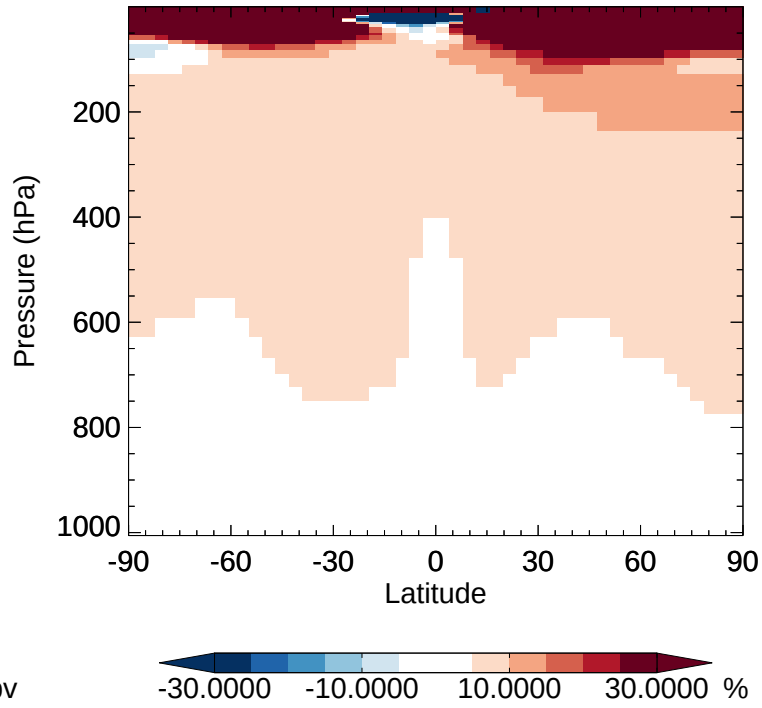
v11-02e-Run0 - v11-02d-Run1

H1211 - Zonal mean abs diff for Apr



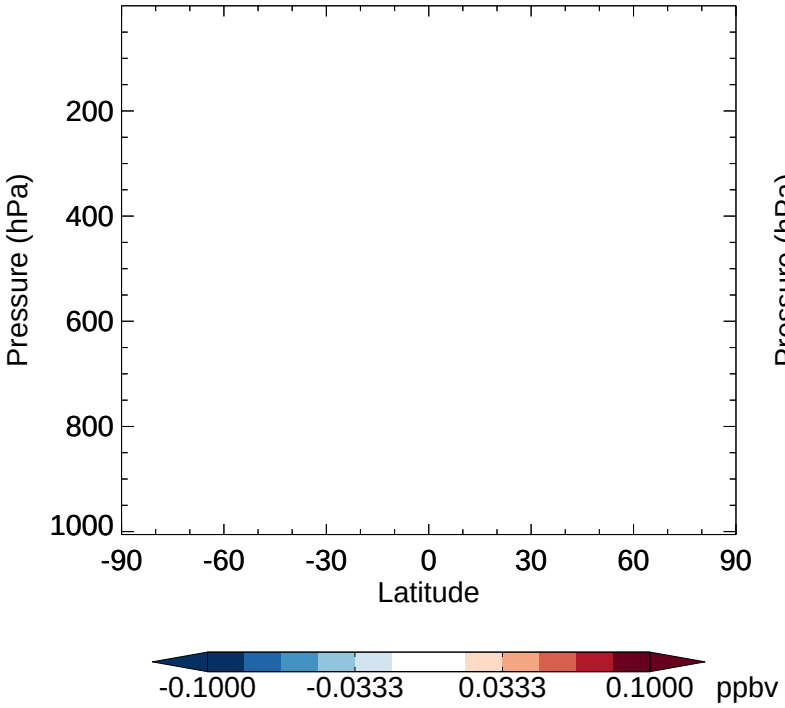
v11-02e-Run0 / v11-02d-Run1

H1211 - Zonal mean % diff for Apr



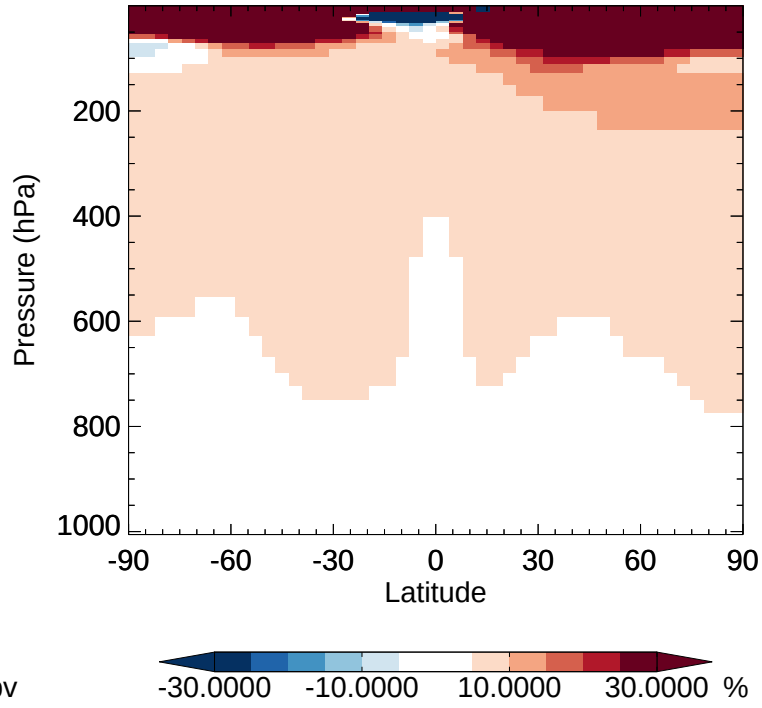
v11-02e-Run0 - v11-02c-Run0

H1211 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

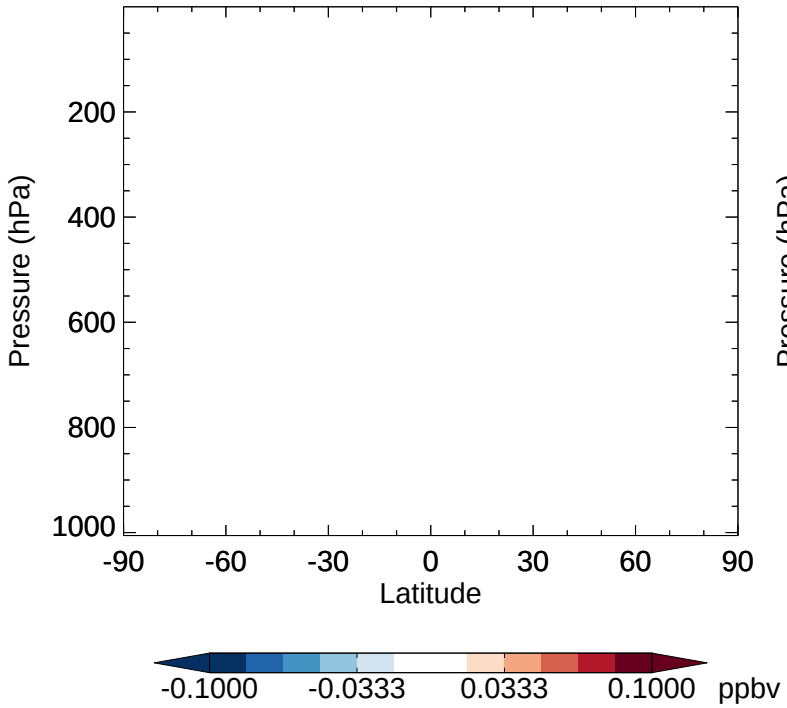
H1211 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

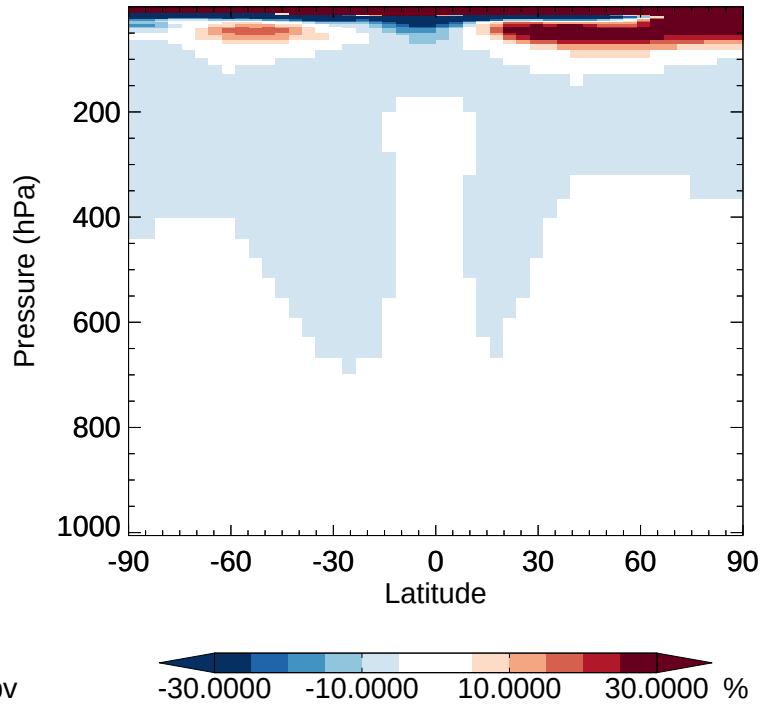
v11-02e-Run0 - v11-02d-Run1

H1301 - Zonal mean abs diff for Apr



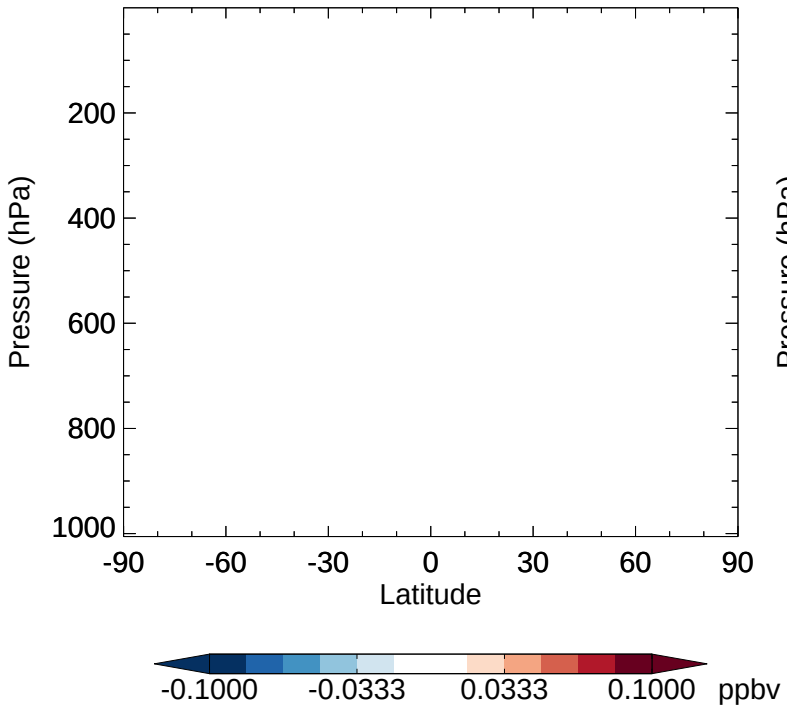
v11-02e-Run0 / v11-02d-Run1

H1301 - Zonal mean % diff for Apr



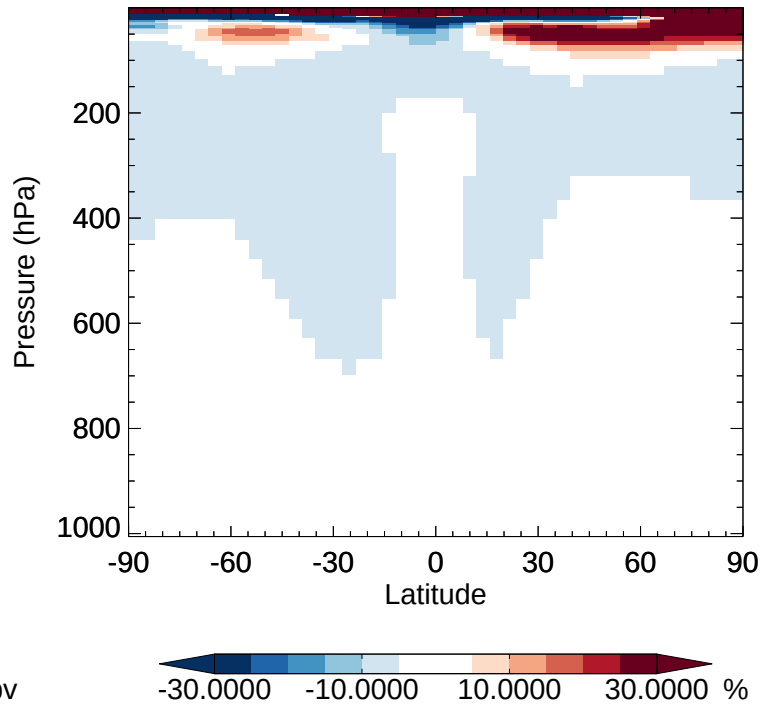
v11-02e-Run0 - v11-02c-Run0

H1301 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

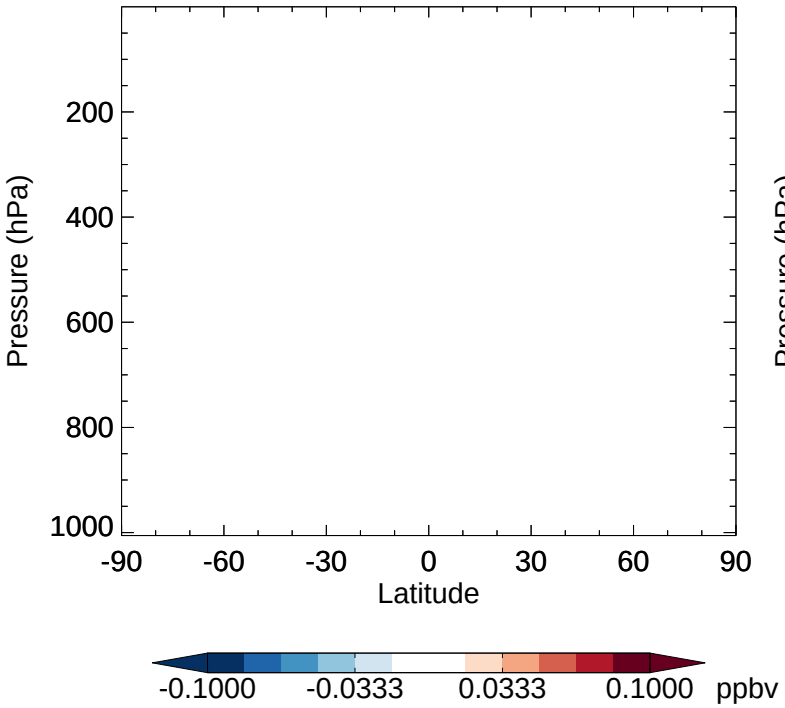
H1301 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

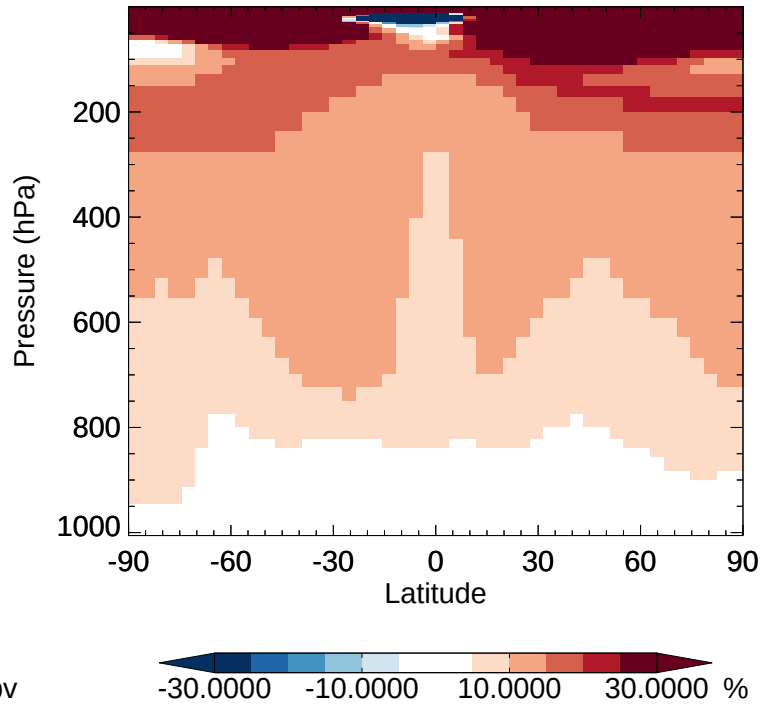
v11-02e-Run0 - v11-02d-Run1

H2402 - Zonal mean abs diff for Apr



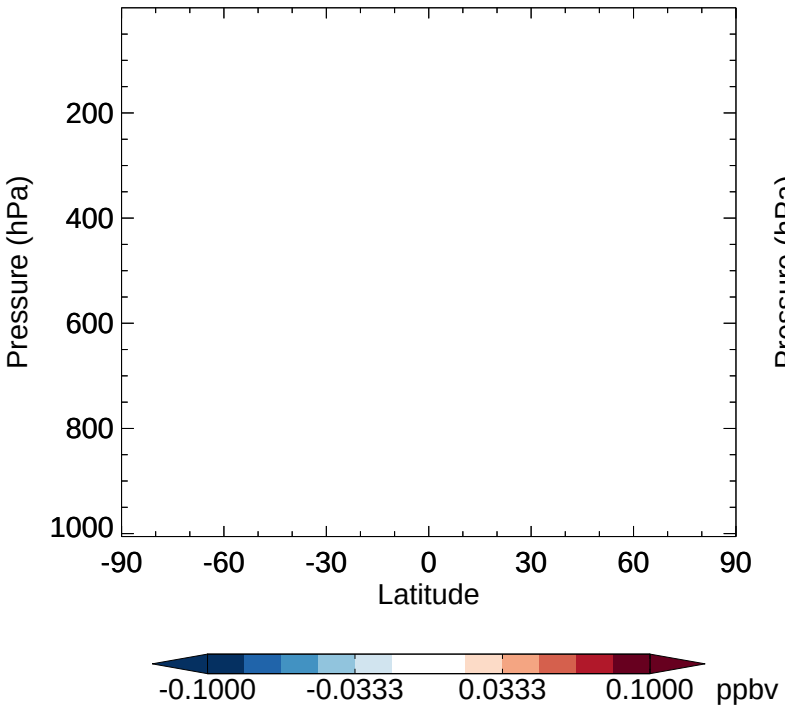
v11-02e-Run0 / v11-02d-Run1

H2402 - Zonal mean % diff for Apr



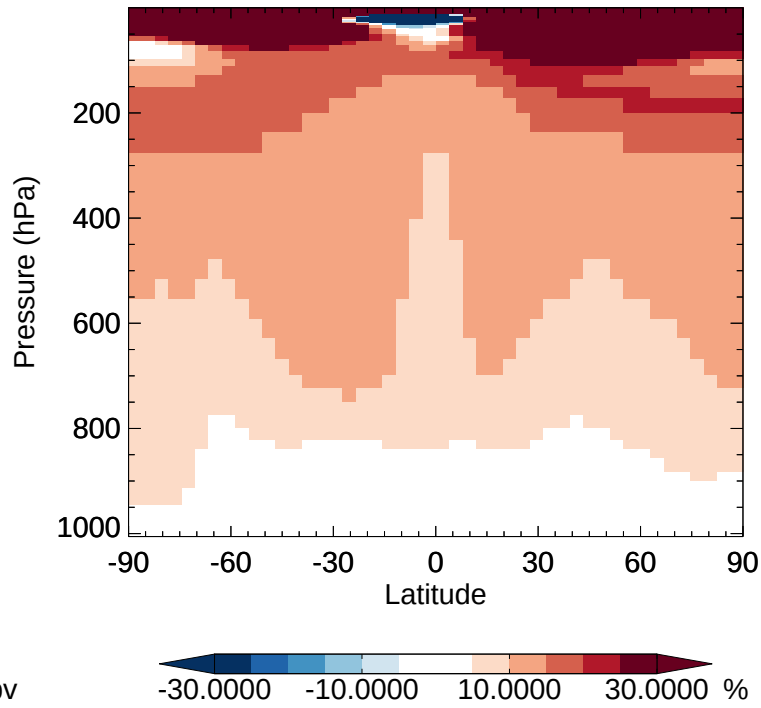
v11-02e-Run0 - v11-02c-Run0

H2402 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

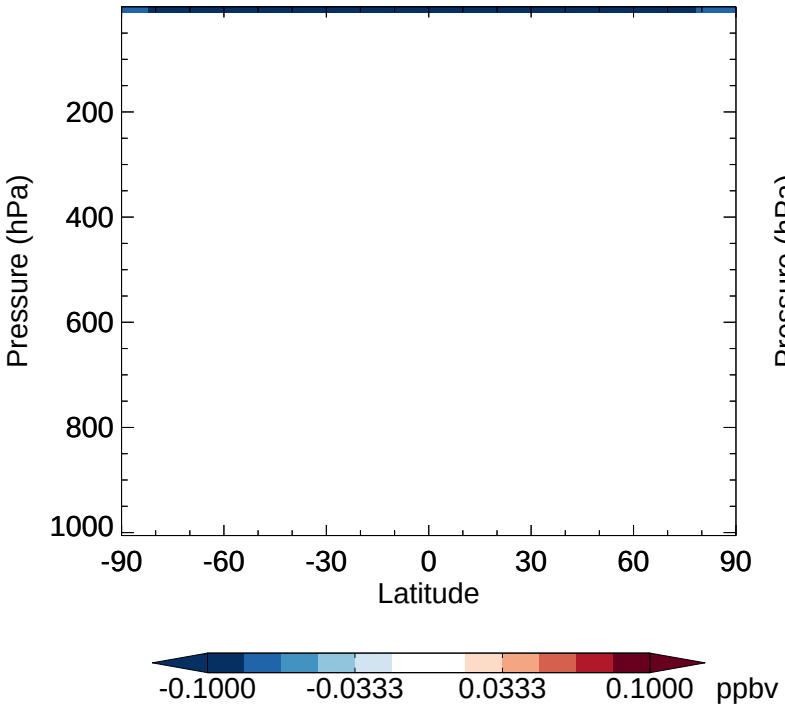
H2402 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

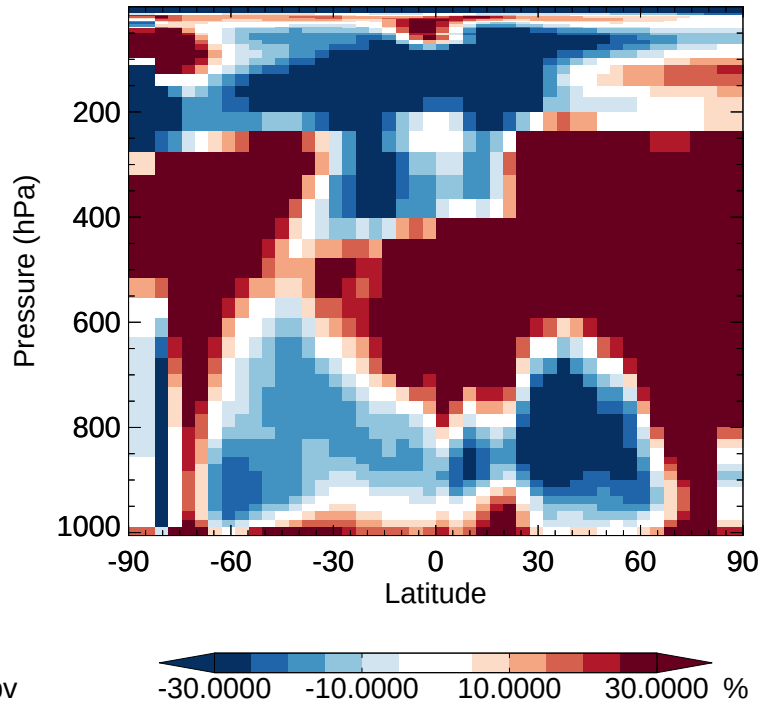
v11-02e-Run0 - v11-02d-Run1

Cl - Zonal mean abs diff for Apr



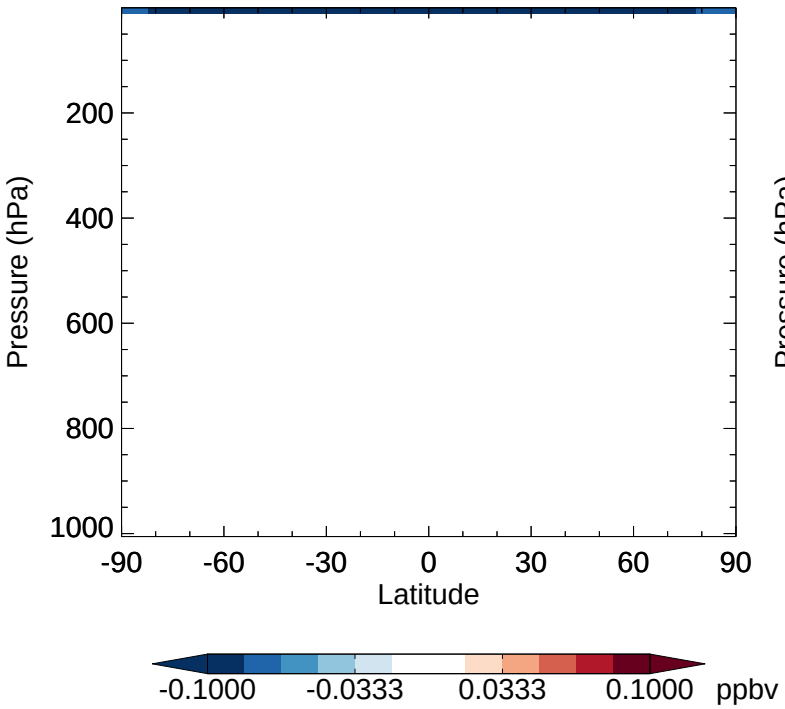
v11-02e-Run0 / v11-02d-Run1

Cl - Zonal mean % diff for Apr



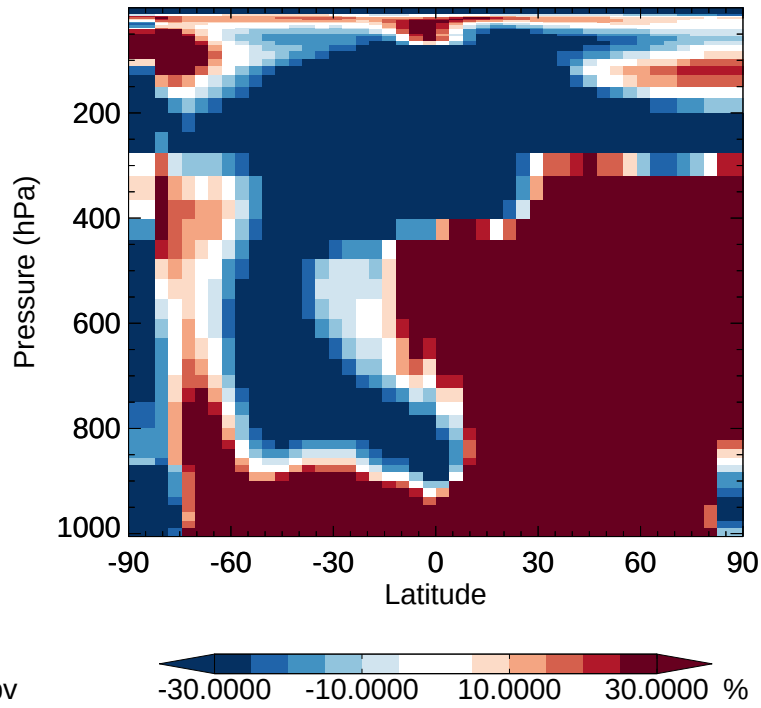
v11-02e-Run0 - v11-02c-Run0

Cl - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

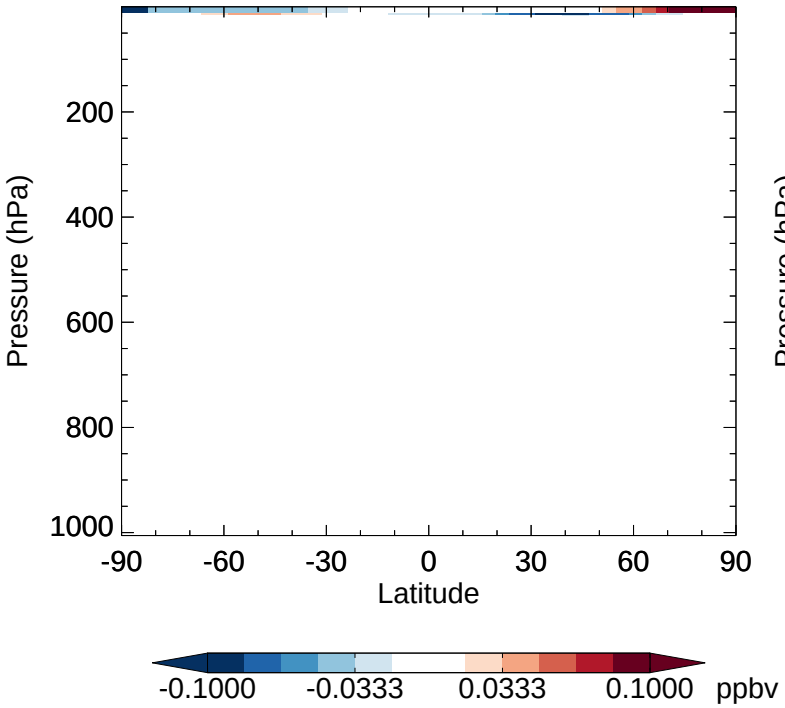
Cl - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

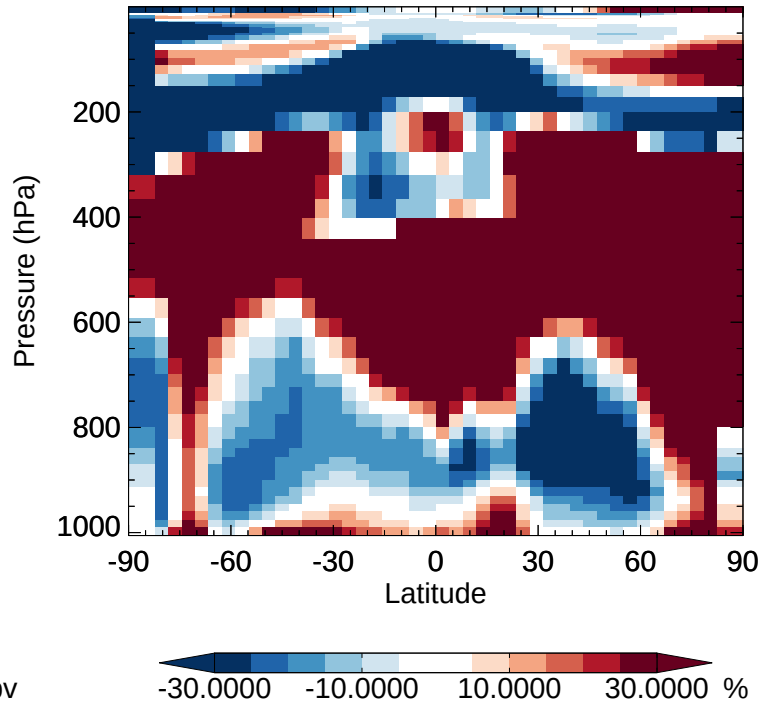
v11-02e-Run0 - v11-02d-Run1

ClO - Zonal mean abs diff for Apr



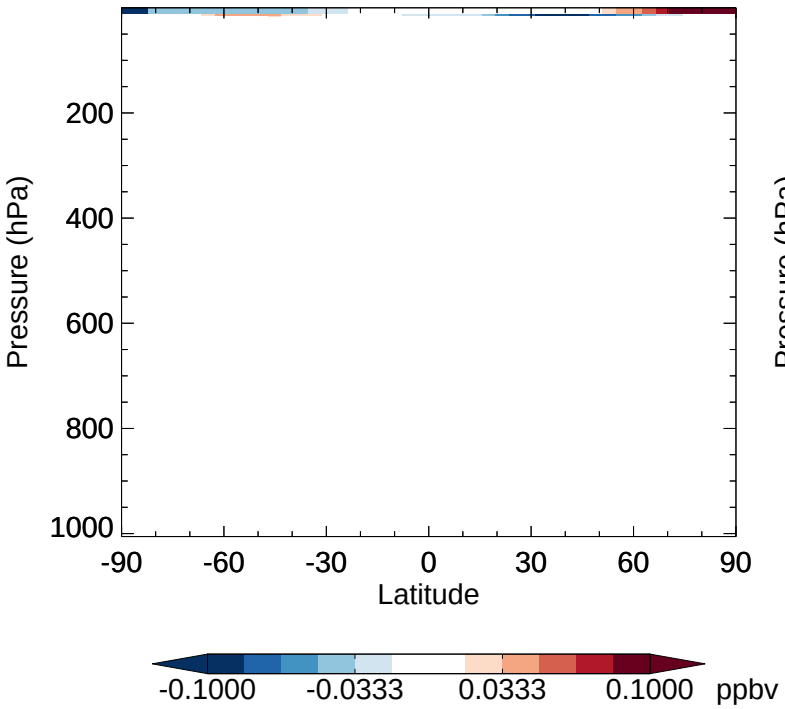
v11-02e-Run0 / v11-02d-Run1

ClO - Zonal mean % diff for Apr



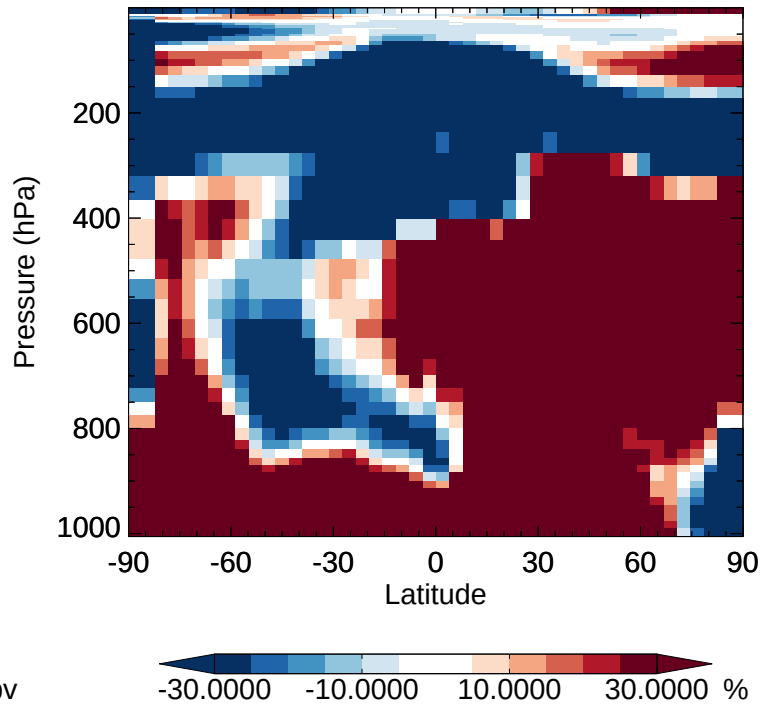
v11-02e-Run0 - v11-02c-Run0

ClO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

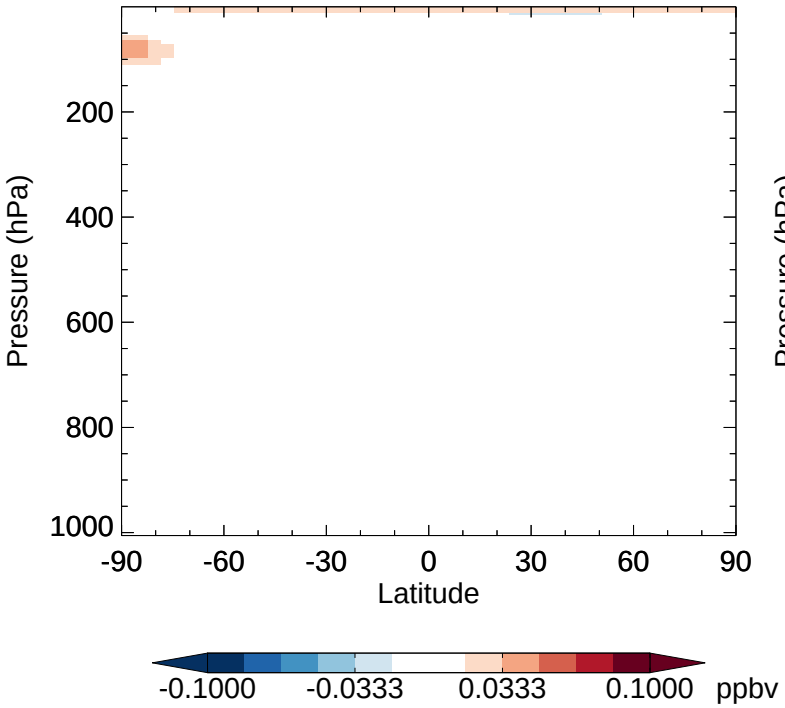
ClO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

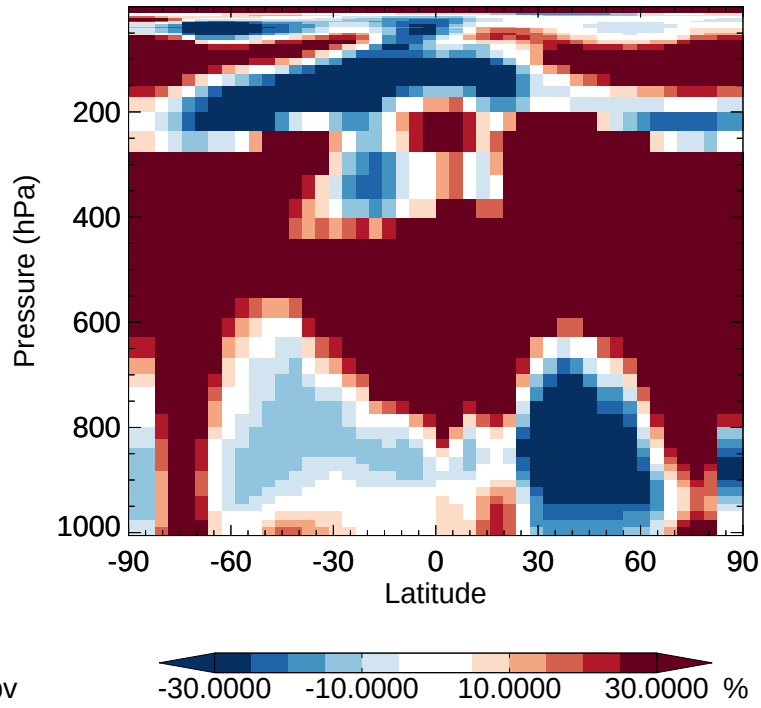
v11-02e-Run0 - v11-02d-Run1

HOCl - Zonal mean abs diff for Apr



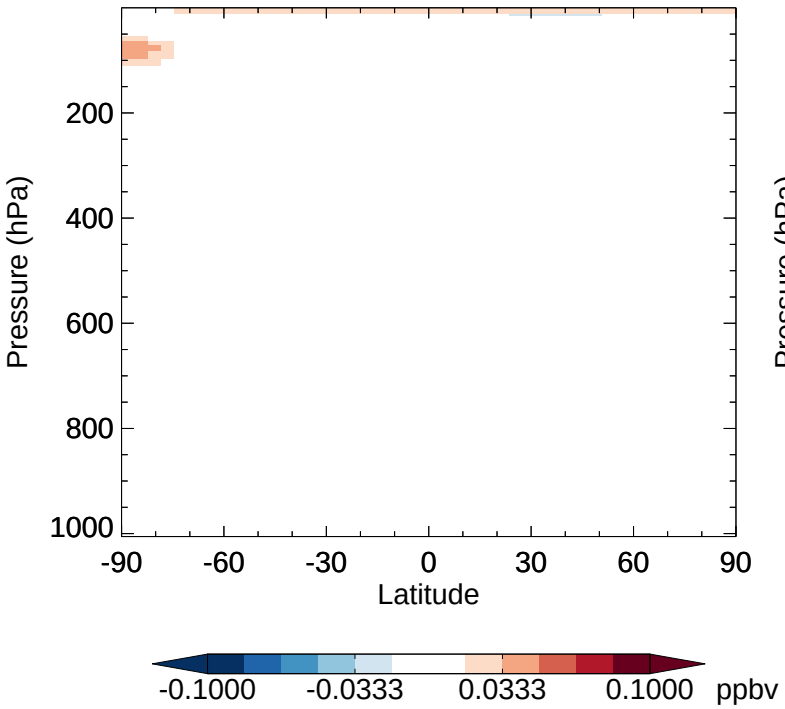
v11-02e-Run0 / v11-02d-Run1

HOCl - Zonal mean % diff for Apr



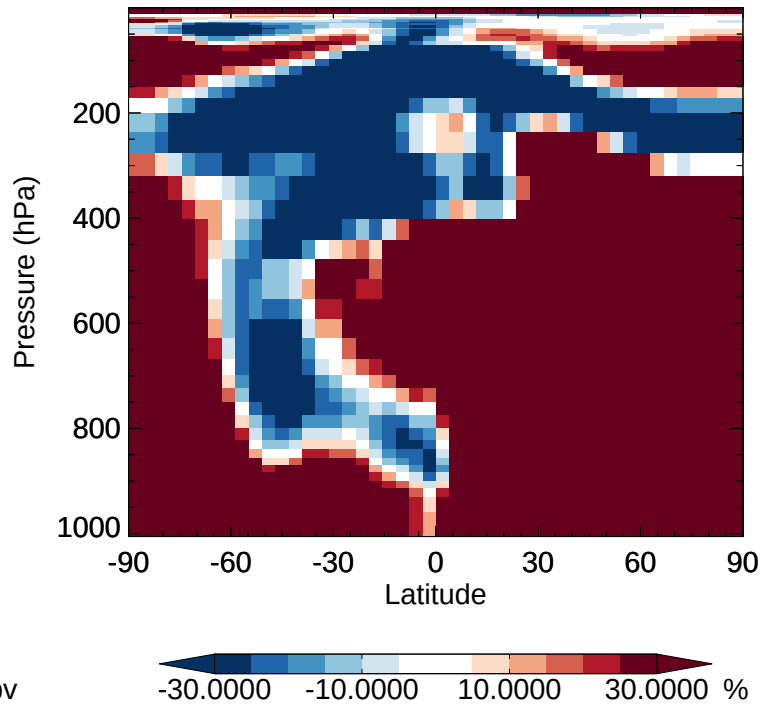
v11-02e-Run0 - v11-02c-Run0

HOCl - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

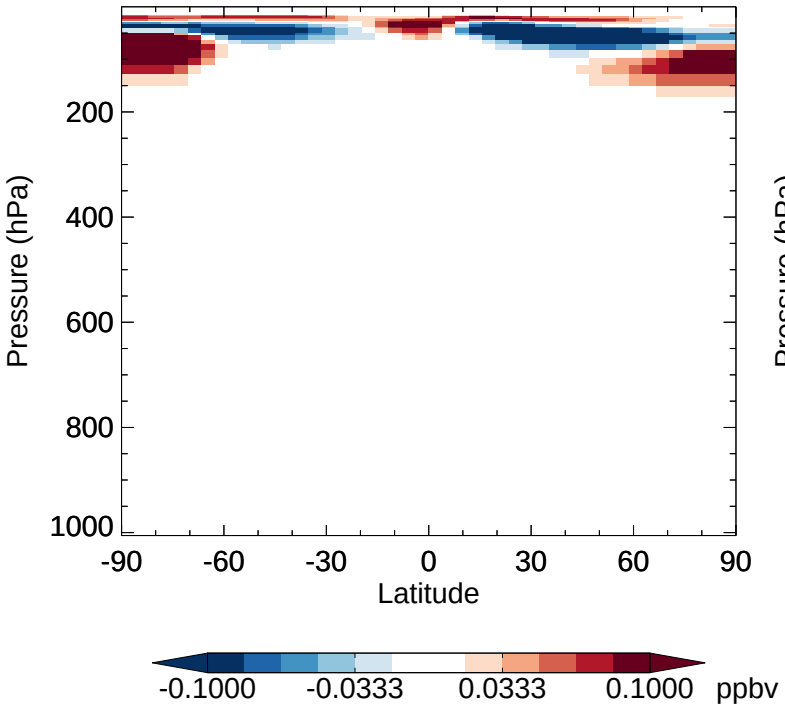
HOCl - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

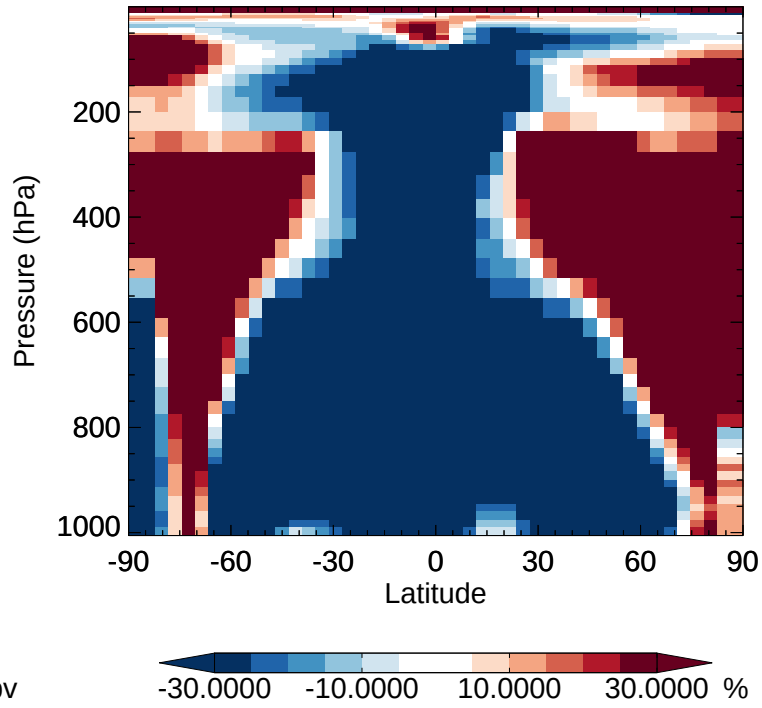
v11-02e-Run0 - v11-02d-Run1

ClNO3 - Zonal mean abs diff for Apr



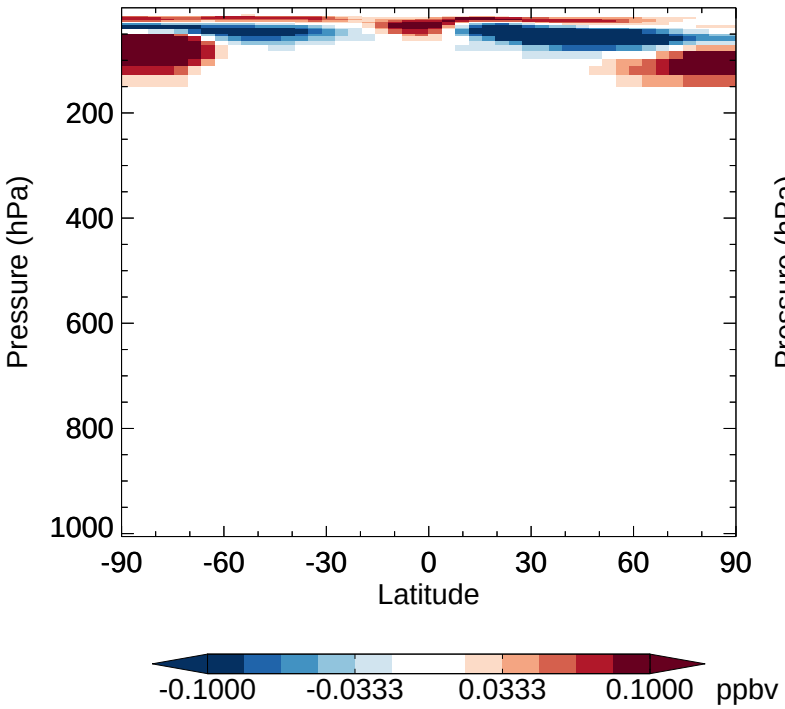
v11-02e-Run0 / v11-02d-Run1

ClNO3 - Zonal mean % diff for Apr



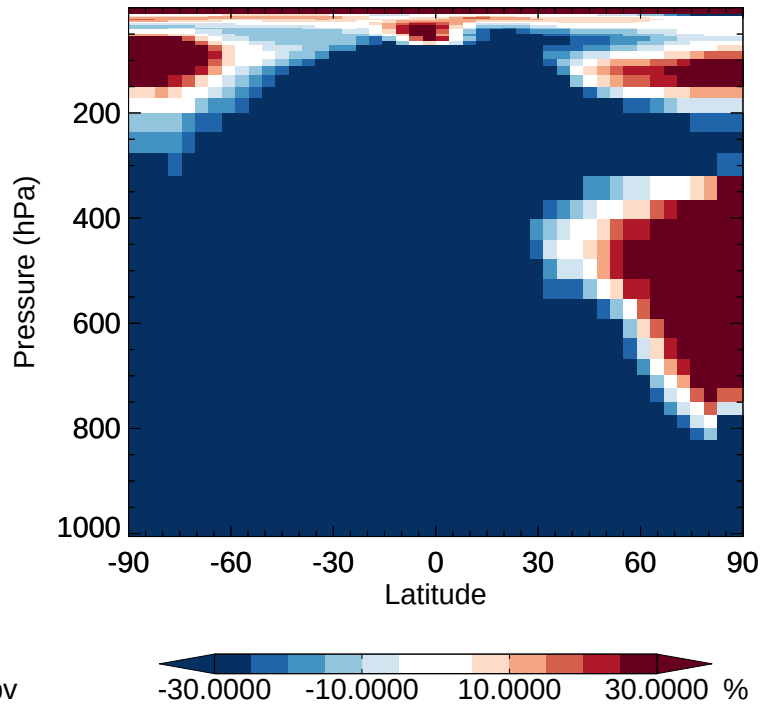
v11-02e-Run0 - v11-02c-Run0

ClNO3 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

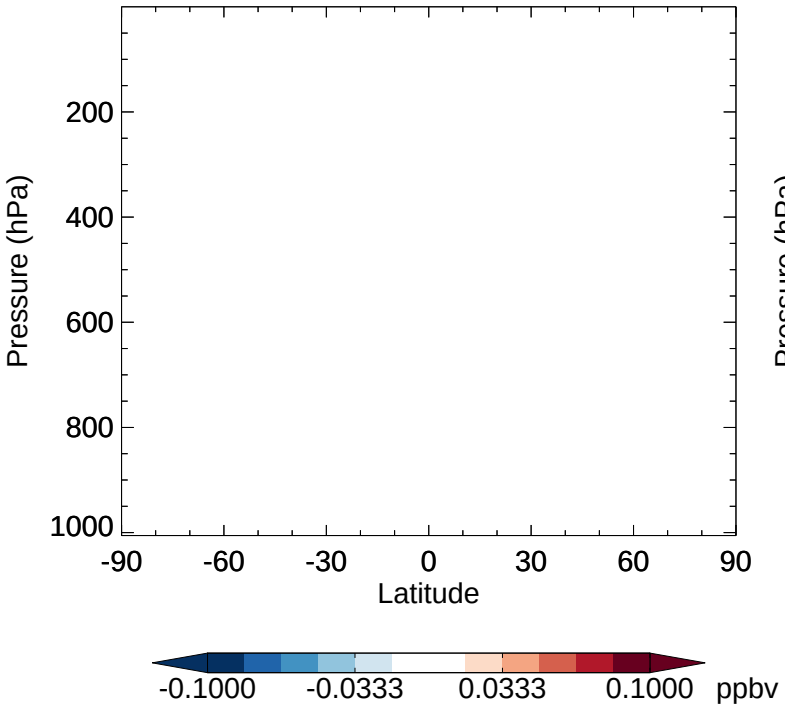
ClNO3 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

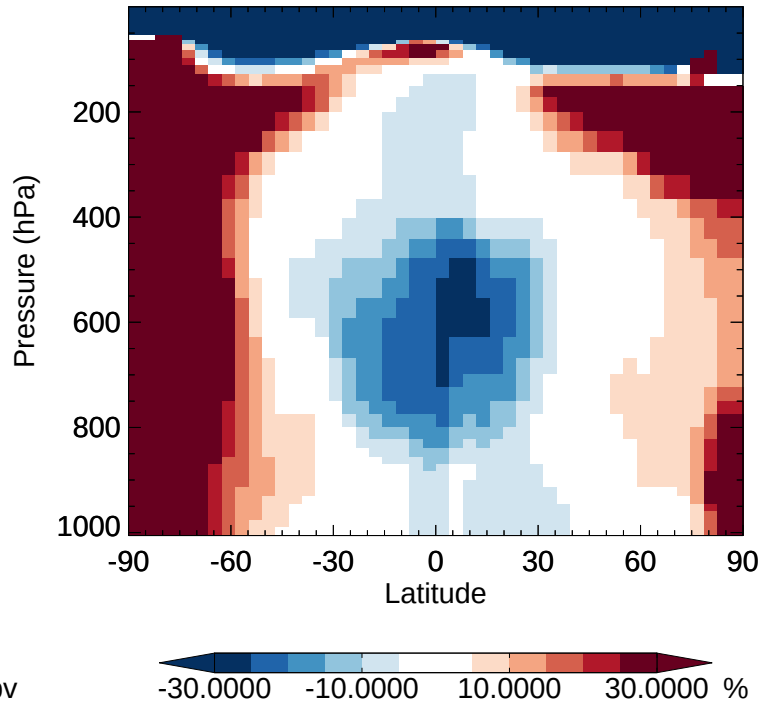
v11-02e-Run0 - v11-02d-Run1

ClNO2 - Zonal mean abs diff for Apr



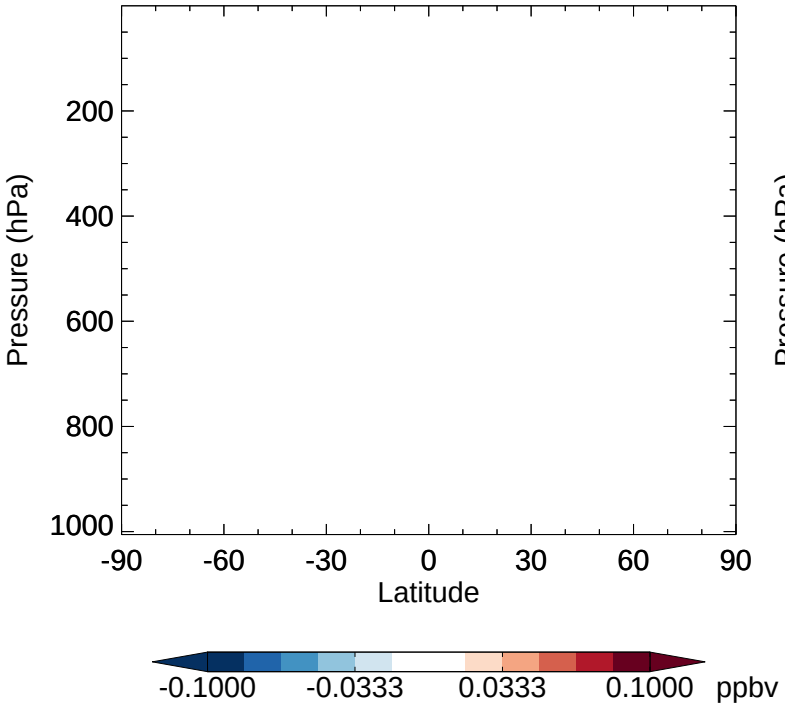
v11-02e-Run0 / v11-02d-Run1

ClNO2 - Zonal mean % diff for Apr



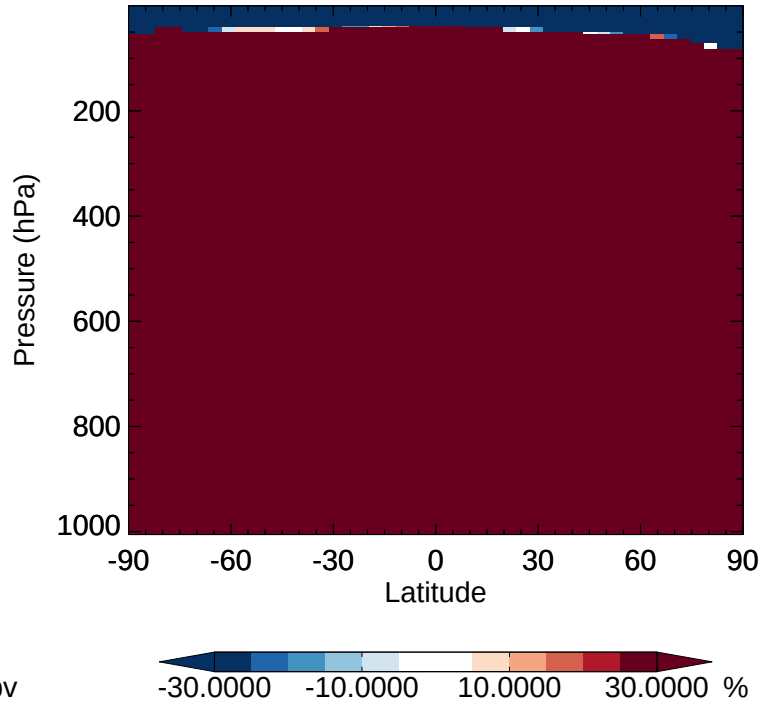
v11-02e-Run0 - v11-02c-Run0

ClNO2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

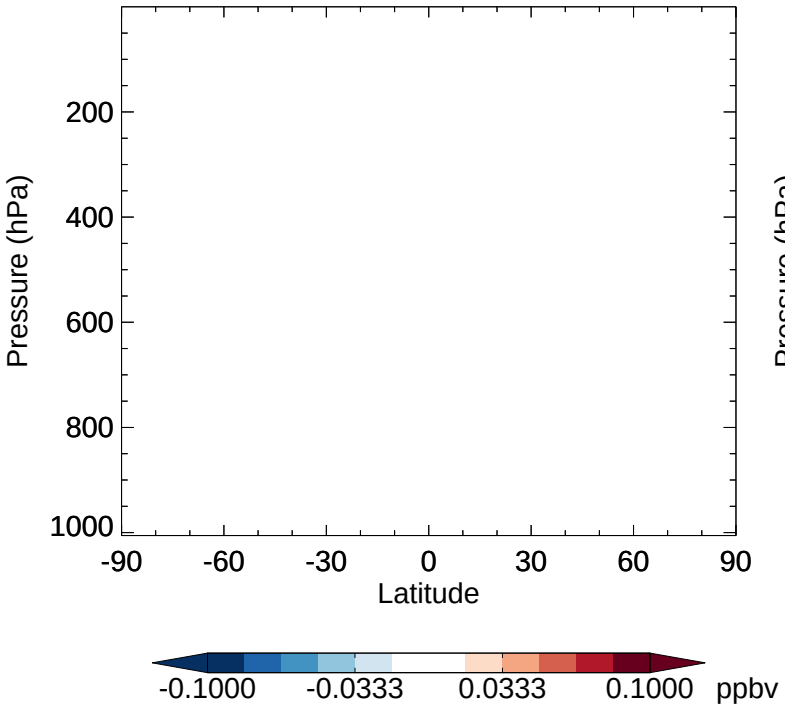
ClNO2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

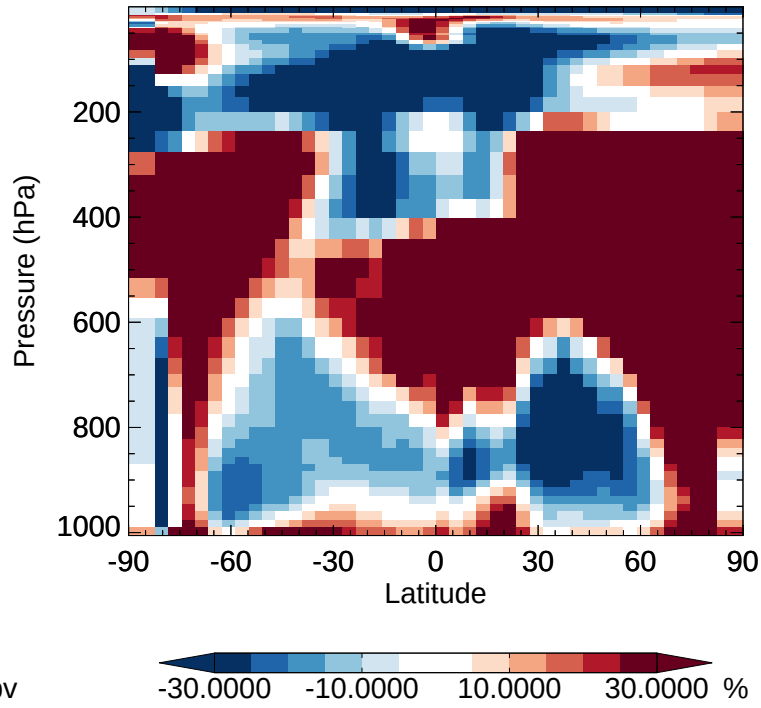
v11-02e-Run0 - v11-02d-Run1

ClOO - Zonal mean abs diff for Apr



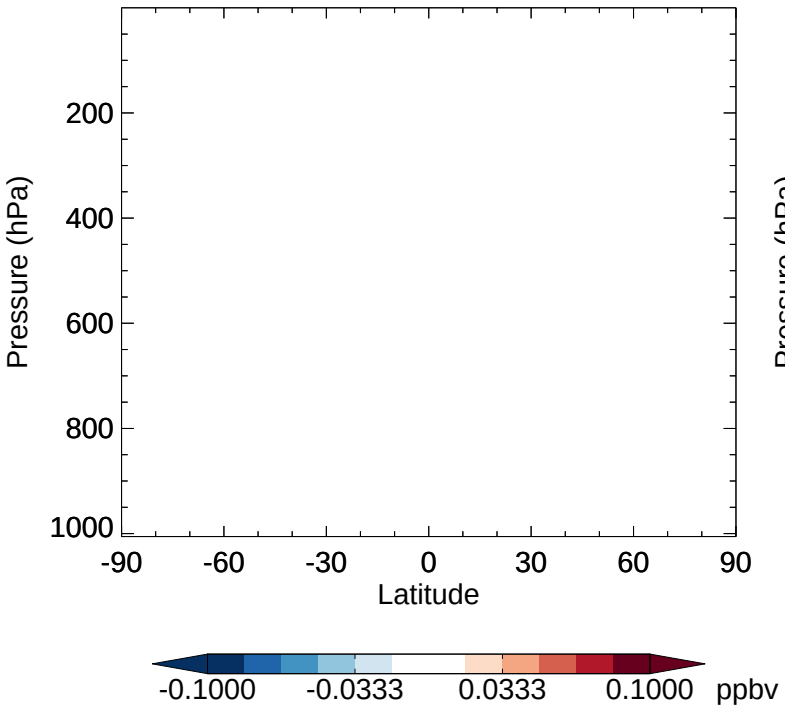
v11-02e-Run0 / v11-02d-Run1

ClOO - Zonal mean % diff for Apr



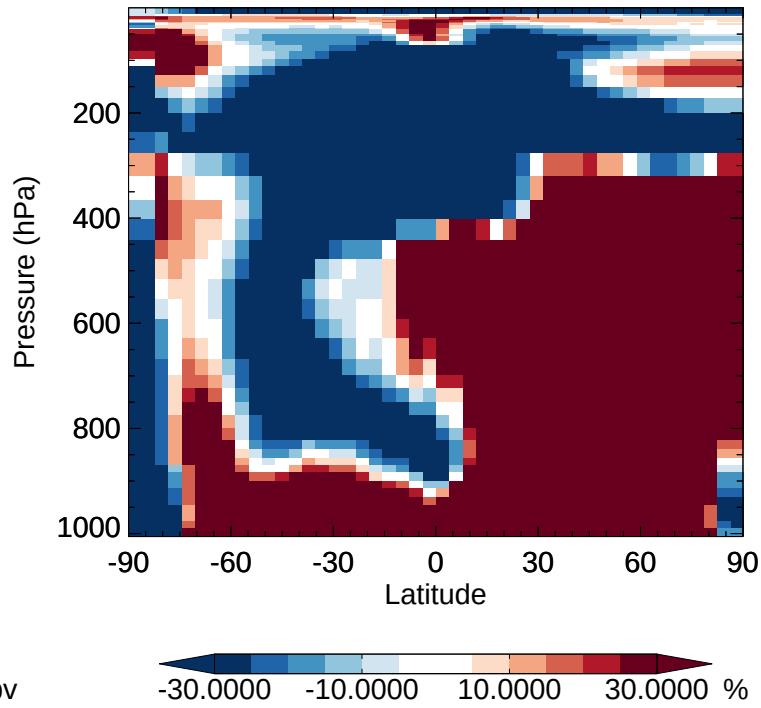
v11-02e-Run0 - v11-02c-Run0

ClOO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

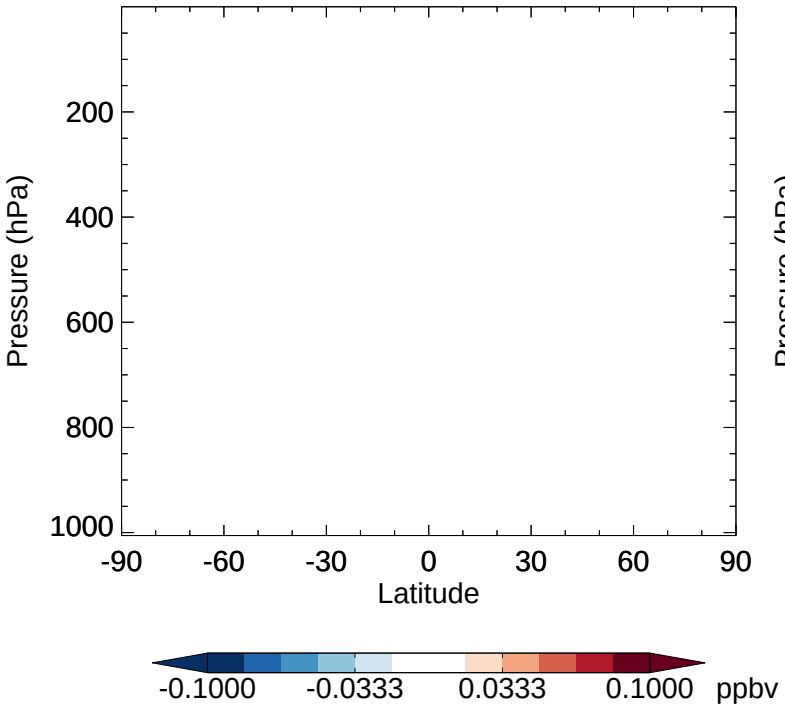
ClOO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

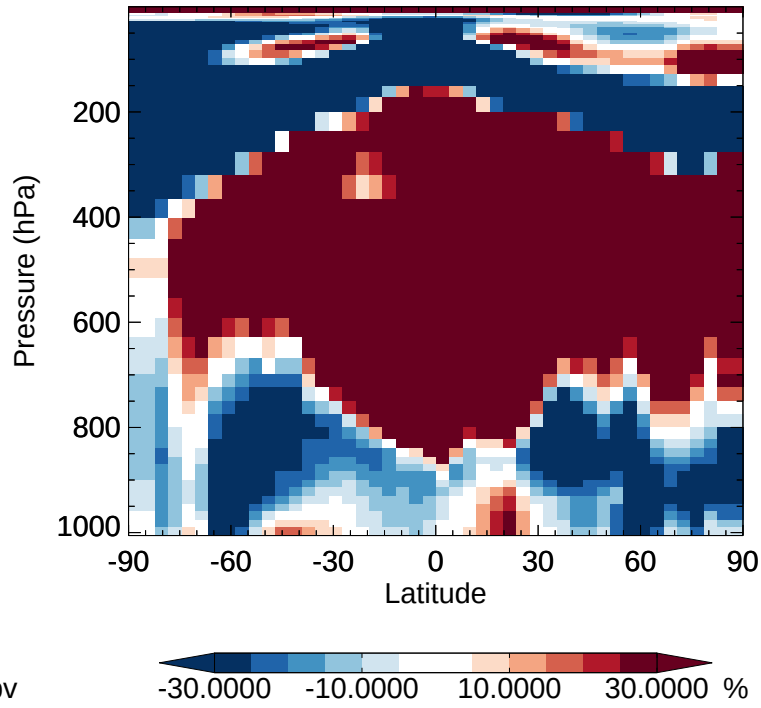
v11-02e-Run0 - v11-02d-Run1

OClO - Zonal mean abs diff for Apr



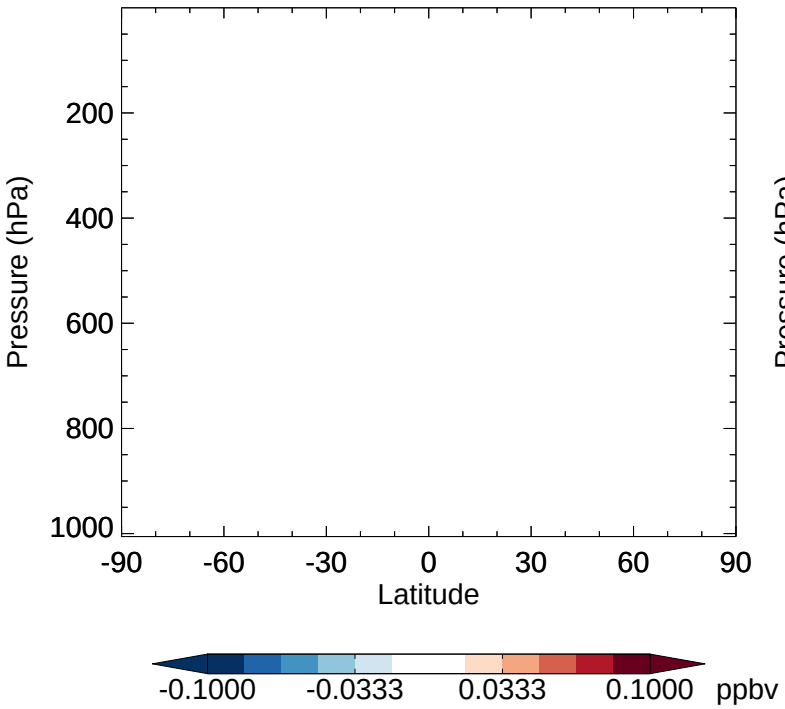
v11-02e-Run0 / v11-02d-Run1

OClO - Zonal mean % diff for Apr



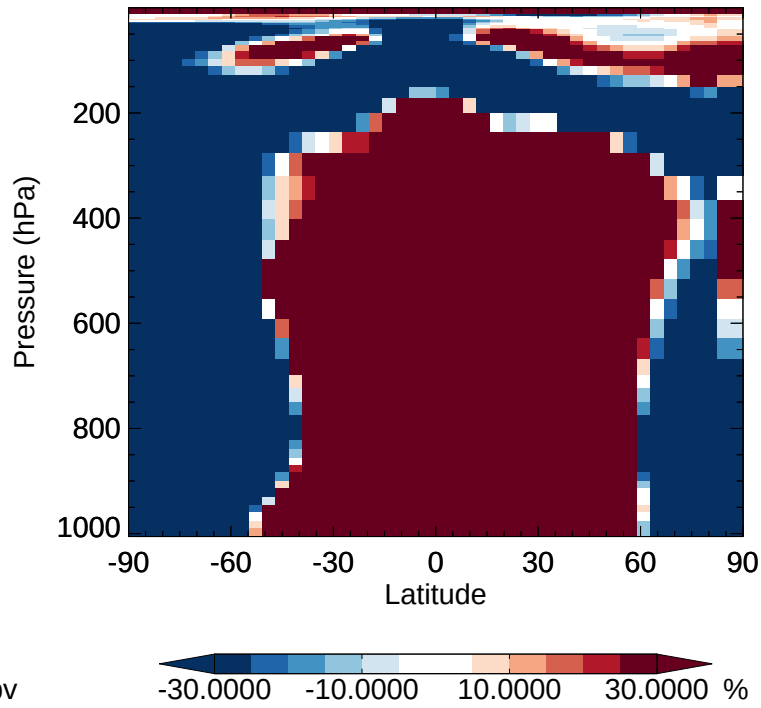
v11-02e-Run0 - v11-02c-Run0

OClO - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

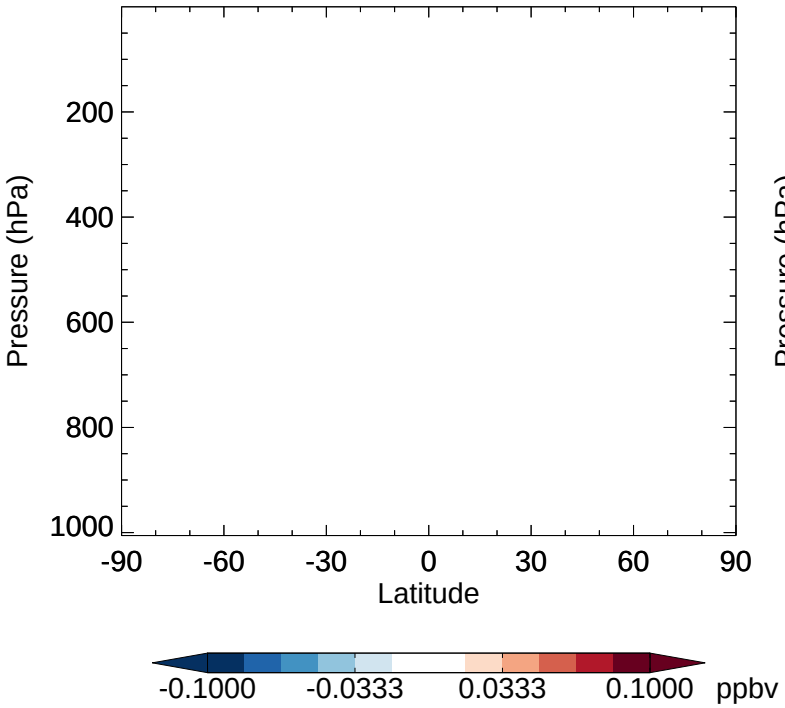
OClO - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

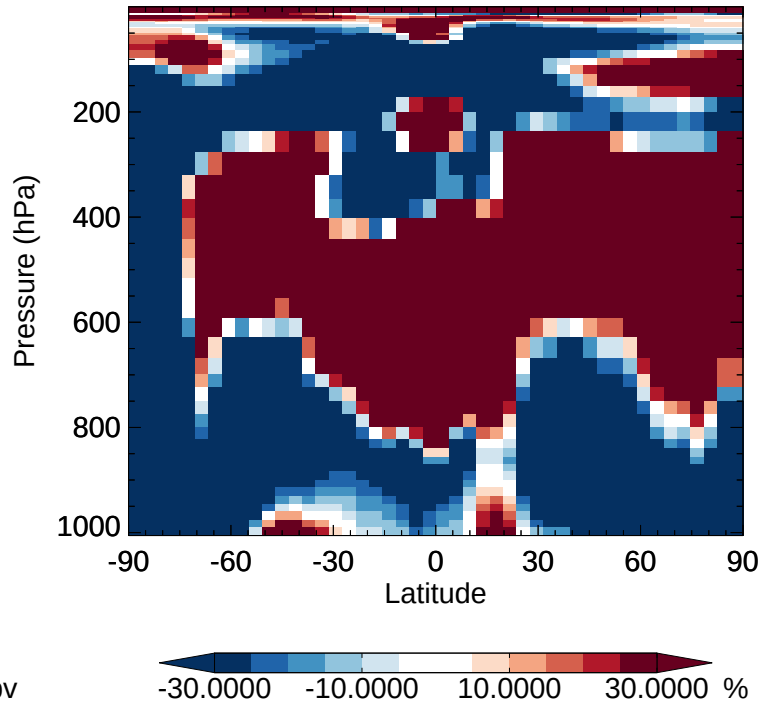
v11-02e-Run0 - v11-02d-Run1

Cl2 - Zonal mean abs diff for Apr



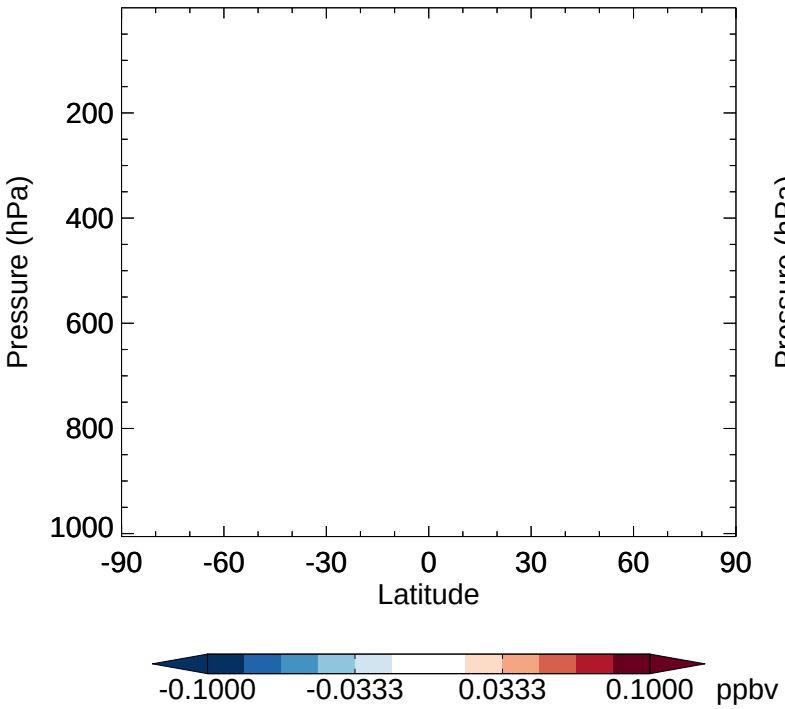
v11-02e-Run0 / v11-02d-Run1

Cl2 - Zonal mean % diff for Apr



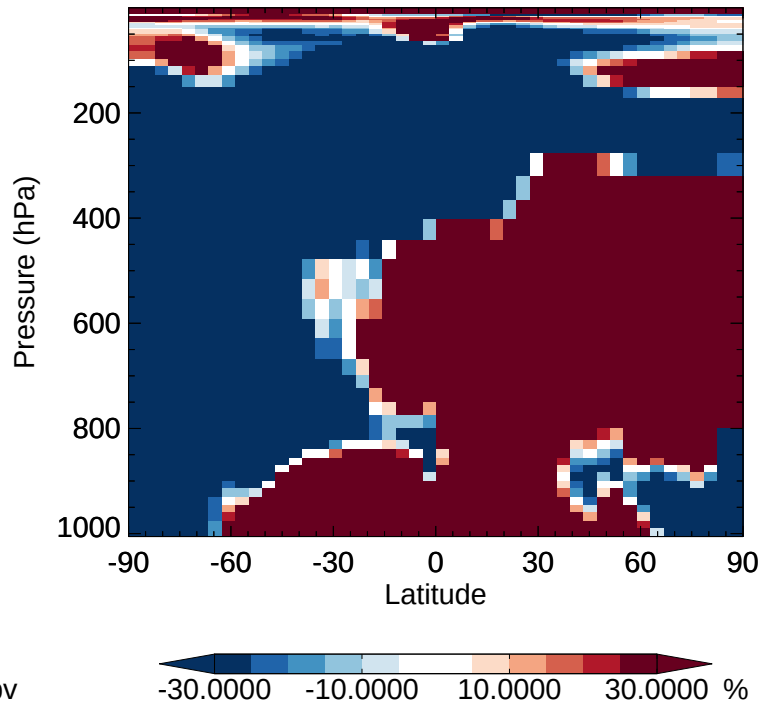
v11-02e-Run0 - v11-02c-Run0

Cl2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

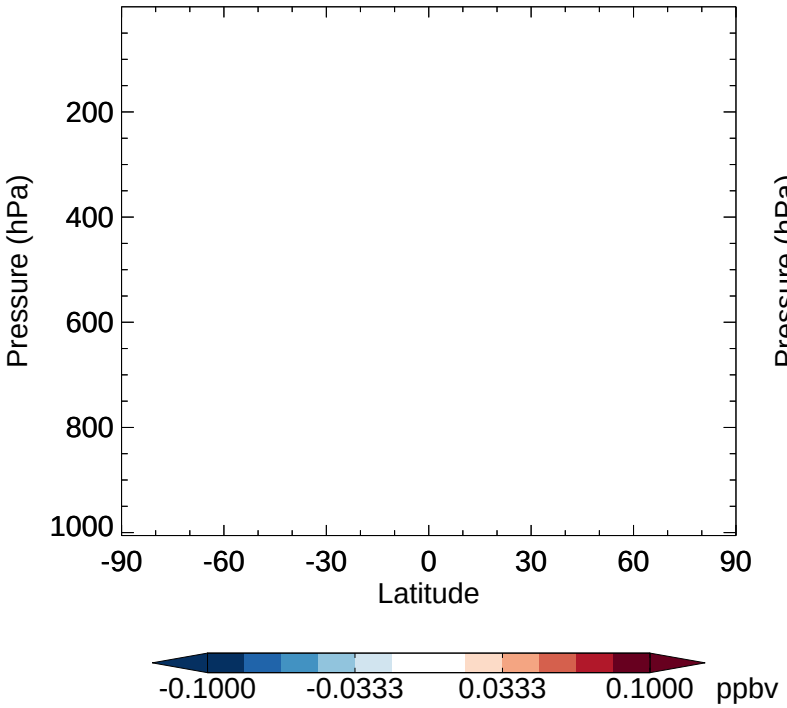
Cl2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

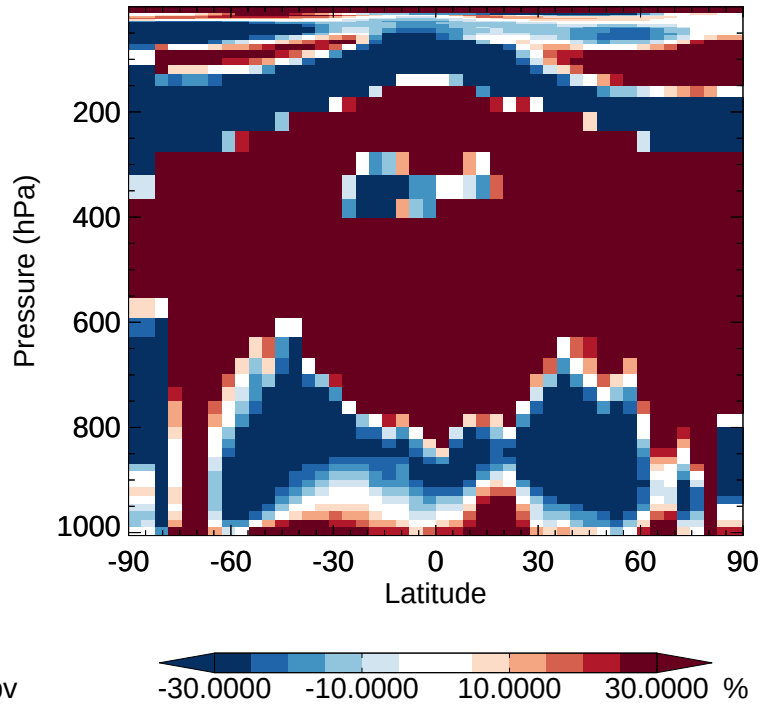
v11-02e-Run0 - v11-02d-Run1

Cl2O2 - Zonal mean abs diff for Apr



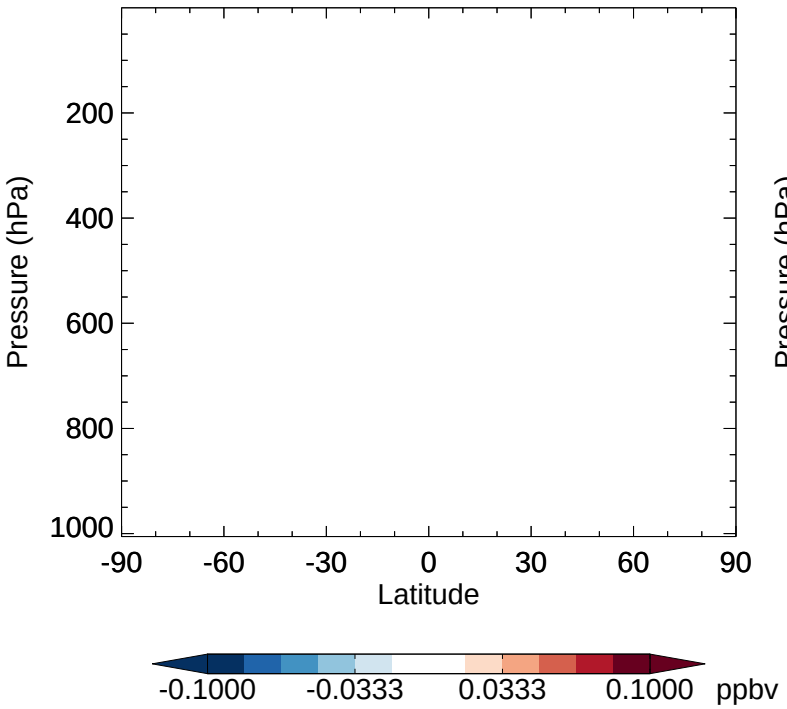
v11-02e-Run0 / v11-02d-Run1

Cl2O2 - Zonal mean % diff for Apr



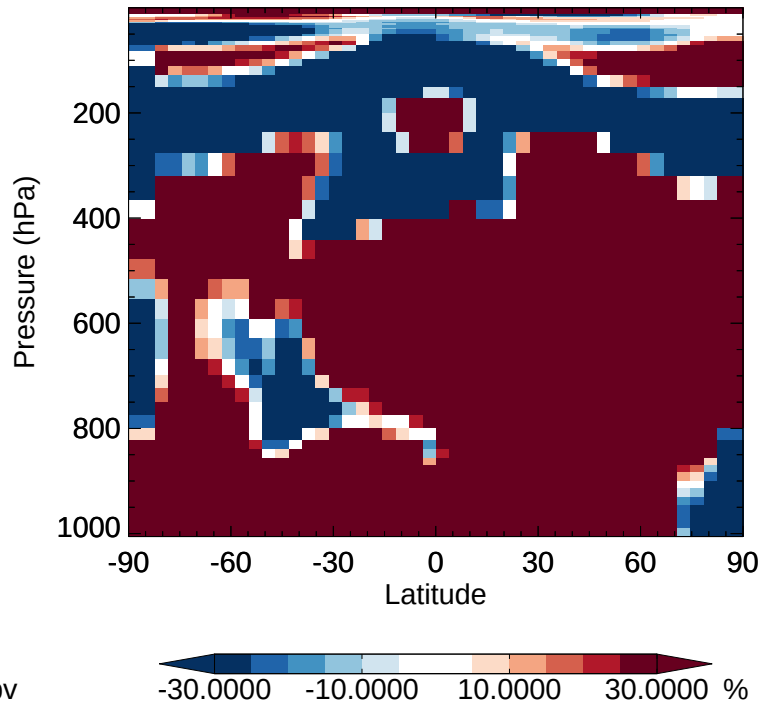
v11-02e-Run0 - v11-02c-Run0

Cl2O2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

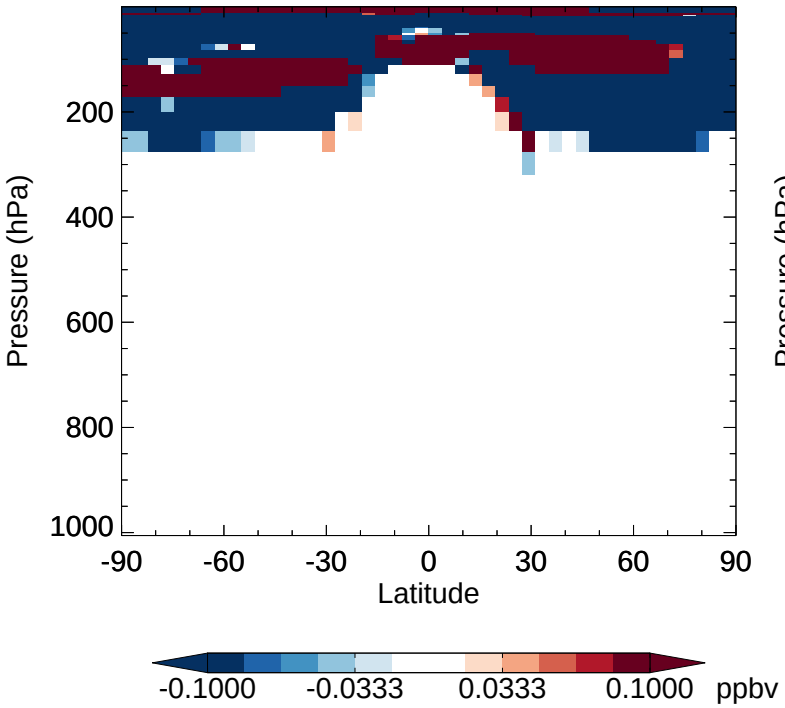
Cl2O2 - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

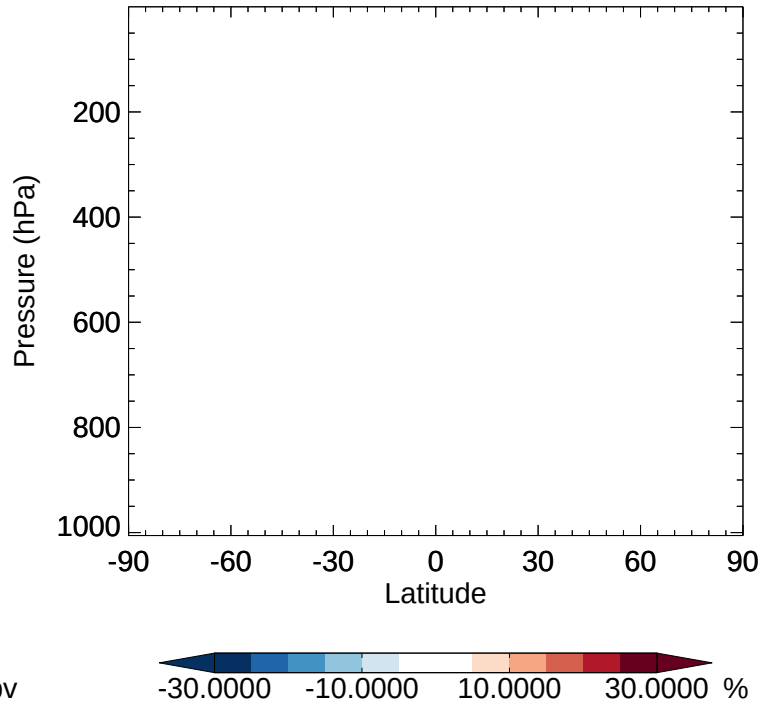
v11-02e-Run0 - v11-02d-Run1

H2O - Zonal mean abs diff for Apr



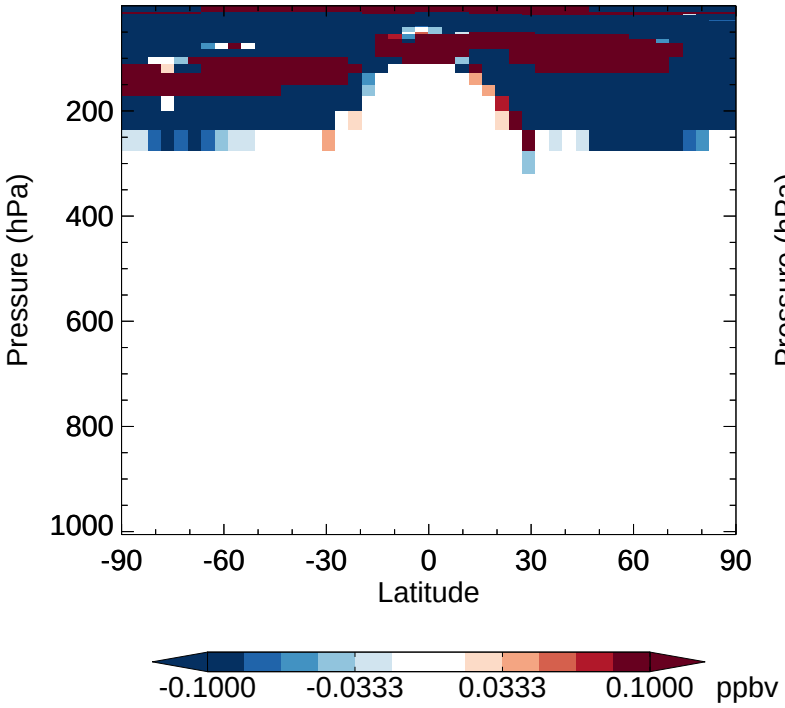
v11-02e-Run0 / v11-02d-Run1

H2O - Zonal mean % diff for Apr



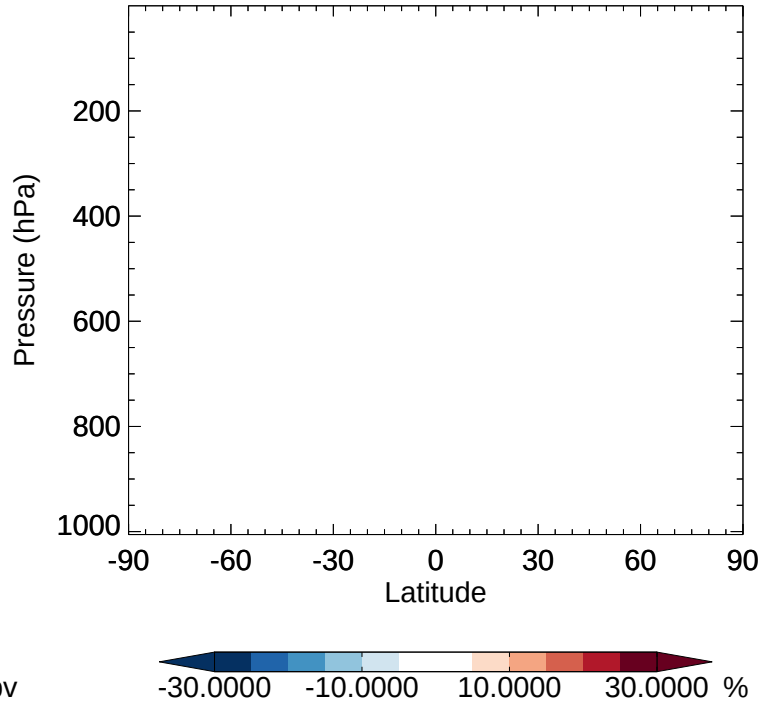
v11-02e-Run0 - v11-02c-Run0

H2O - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

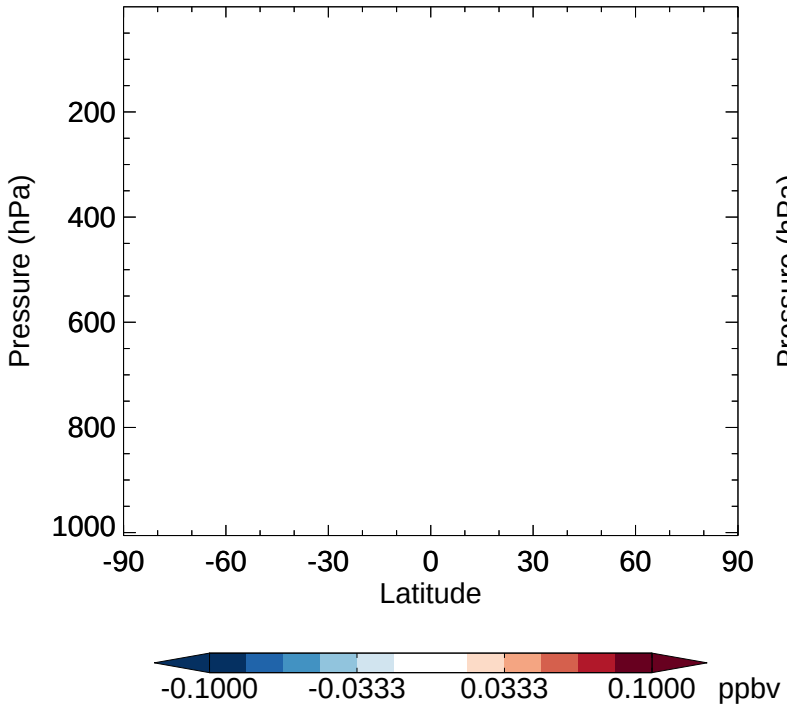
H2O - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

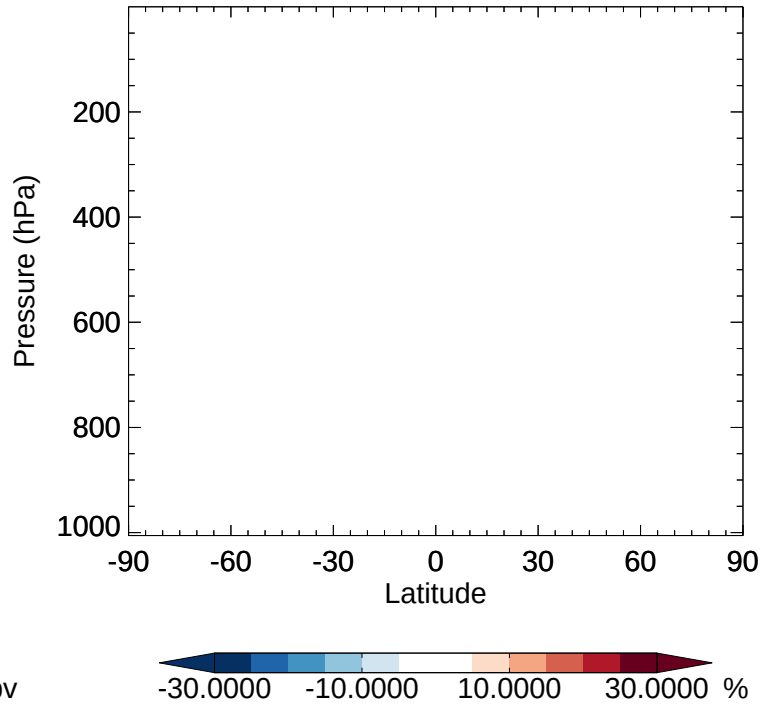
v11-02e-Run0 - v11-02d-Run1

SOAP - Zonal mean abs diff for Apr



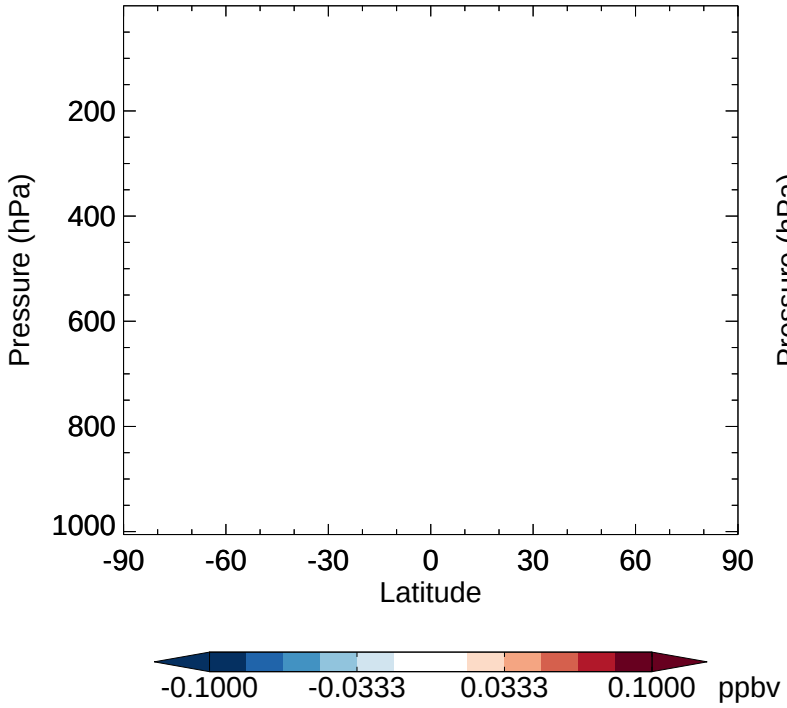
v11-02e-Run0 / v11-02d-Run1

SOAP - Zonal mean % diff for Apr



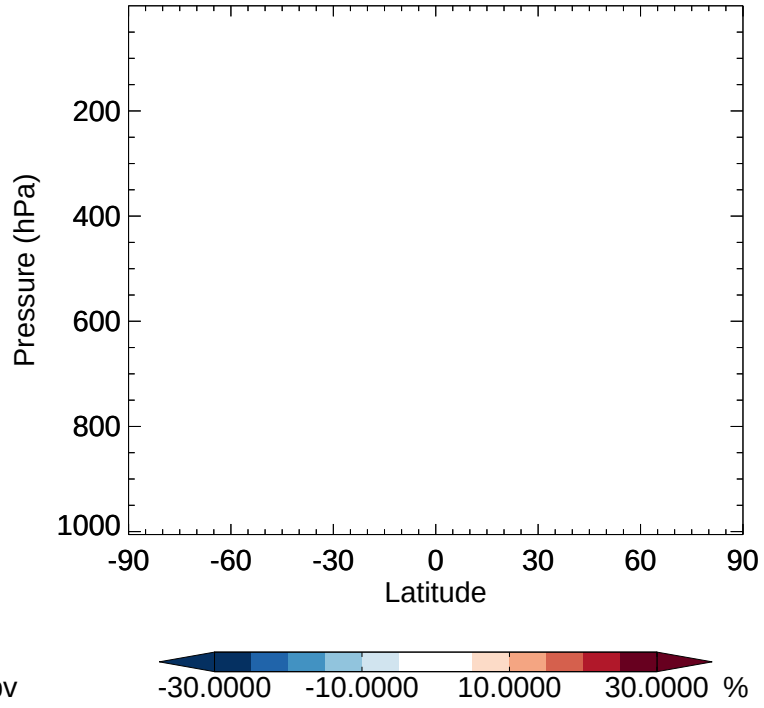
v11-02e-Run0 - v11-02c-Run0

SOAP - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

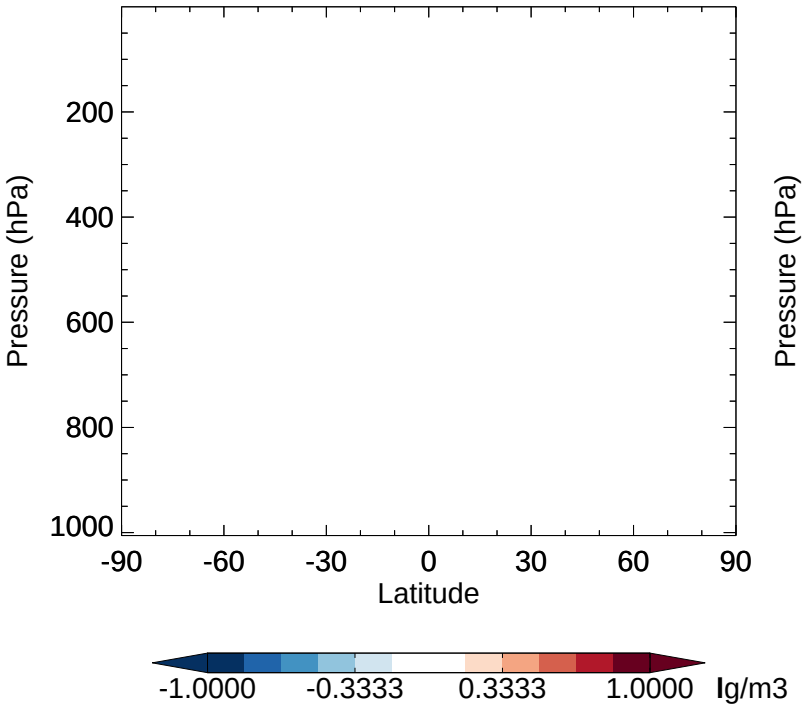
SOAP - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

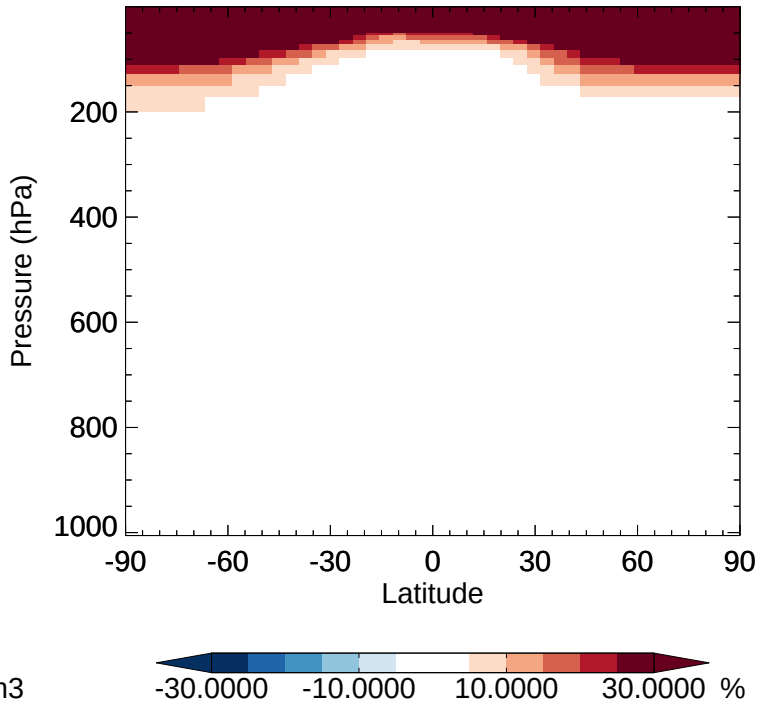
v11-02e-Run0 - v11-02d-Run1

SOAS - Zonal mean abs diff for Apr



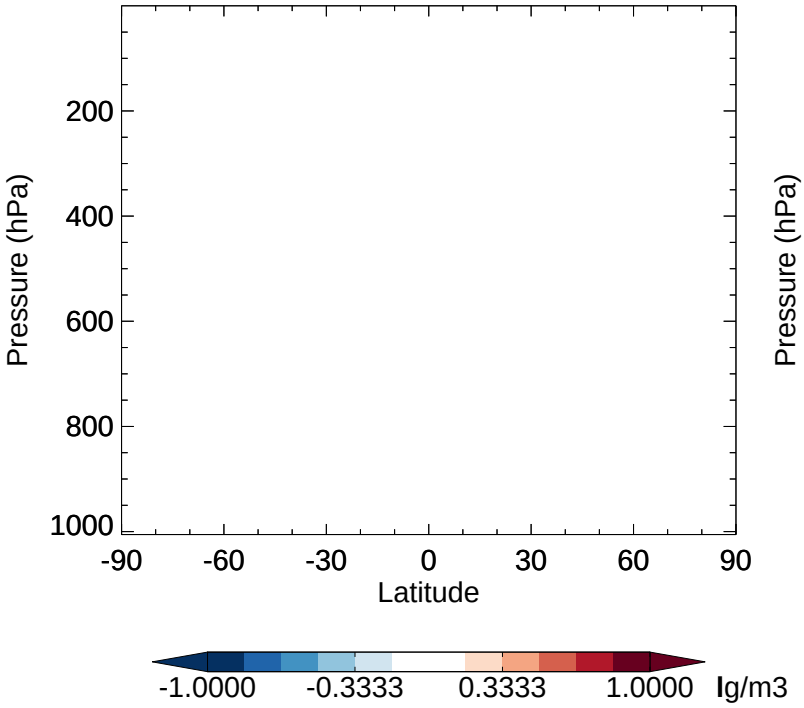
v11-02e-Run0 / v11-02d-Run1

SOAS - Zonal mean % diff for Apr



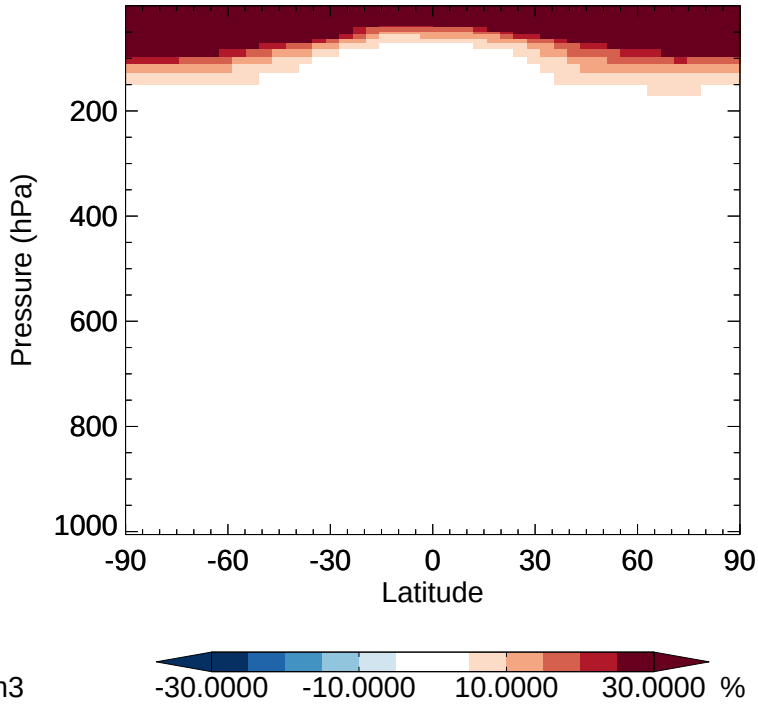
v11-02e-Run0 - v11-02c-Run0

SOAS - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

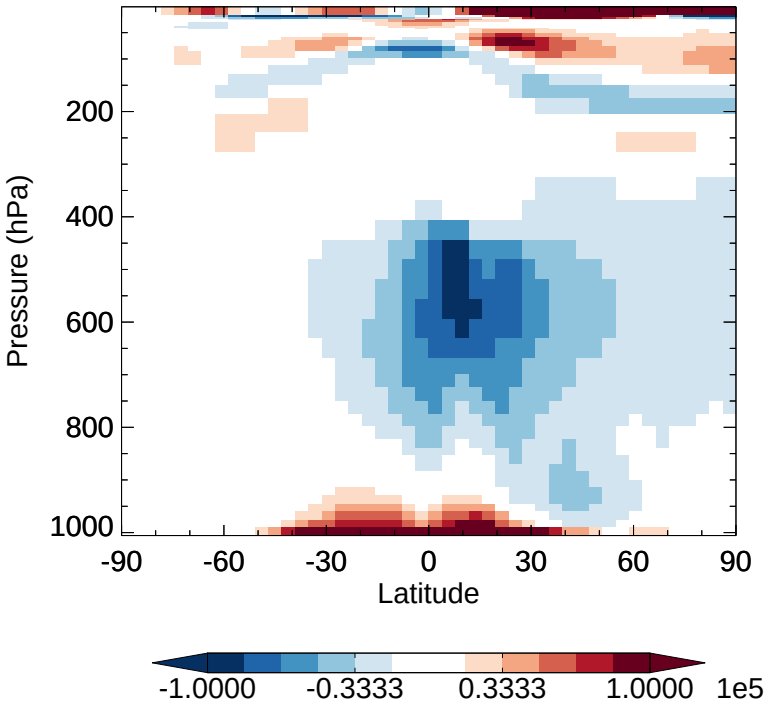
SOAS - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

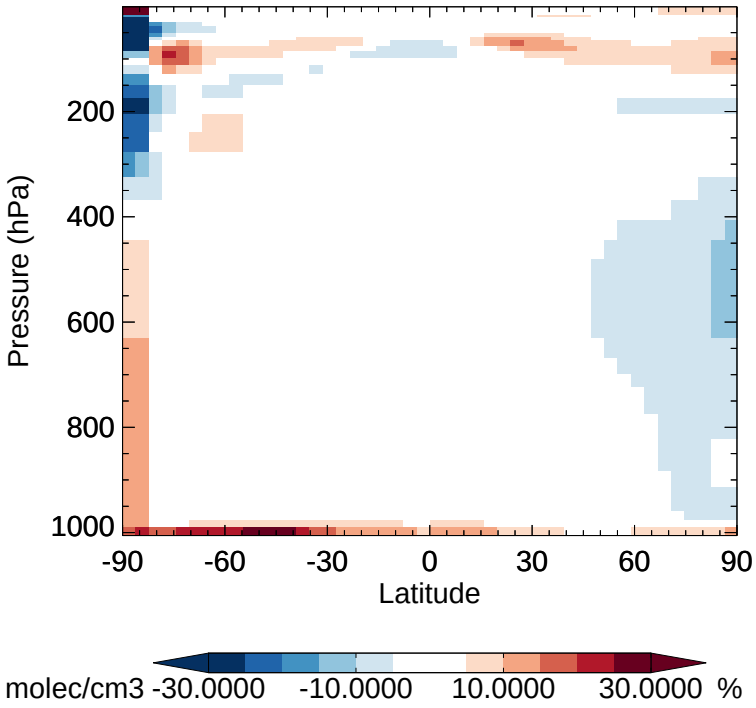
v11-02e-Run0 - v11-02d-Run1

OH - Zonal mean abs diff for Apr



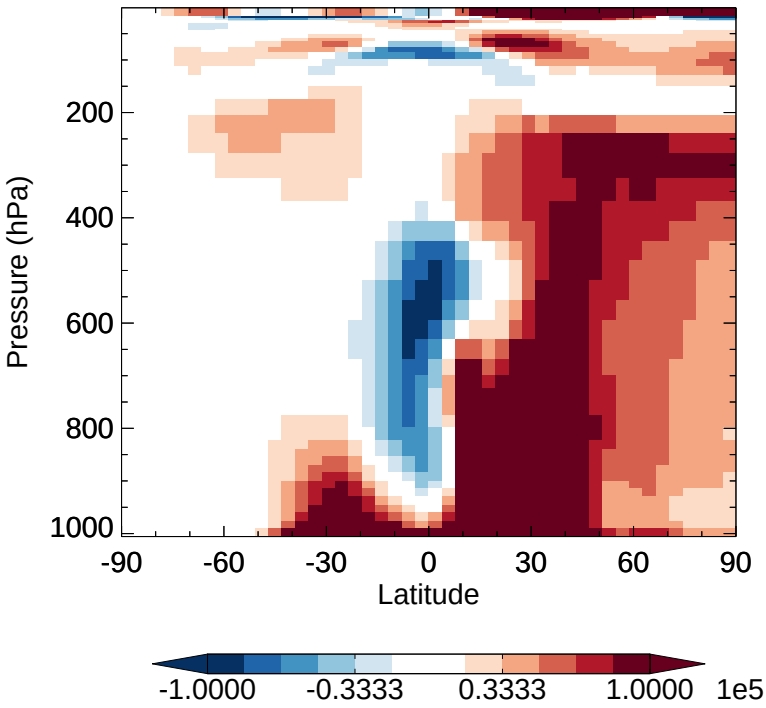
v11-02e-Run0 / v11-02d-Run1

OH - Zonal mean % diff for Apr



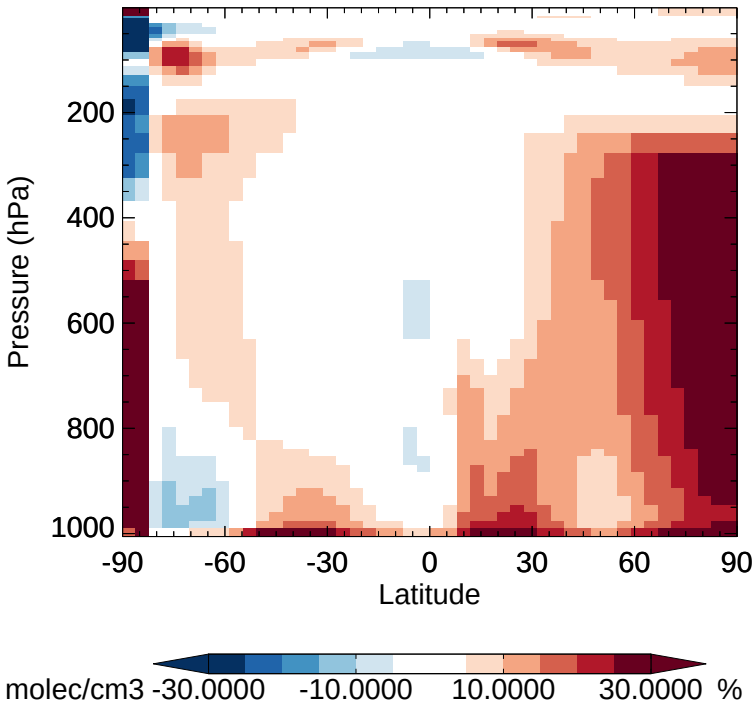
v11-02e-Run0 - v11-02c-Run0

OH - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

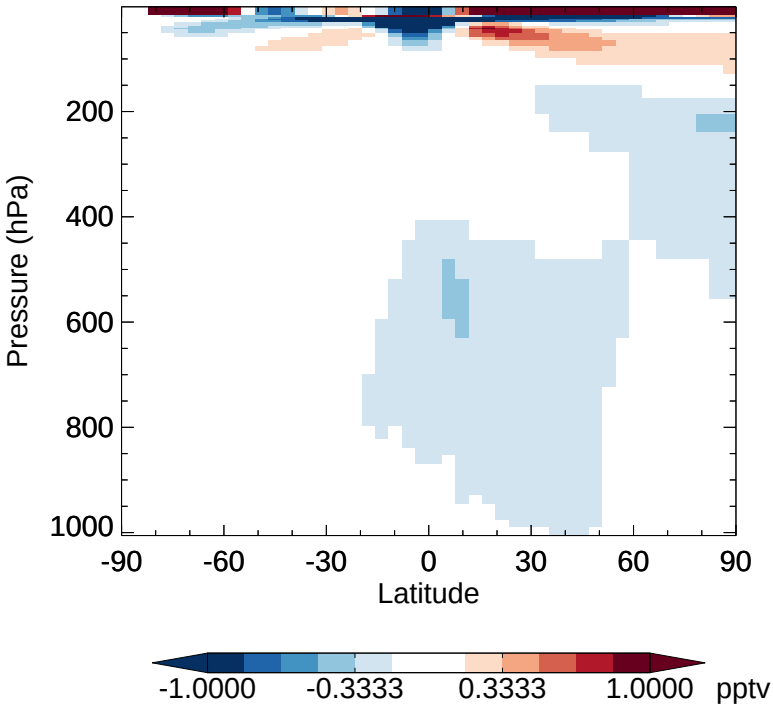
OH - Zonal mean % diff for Apr



GEOS-Chem Zonal Difference Maps

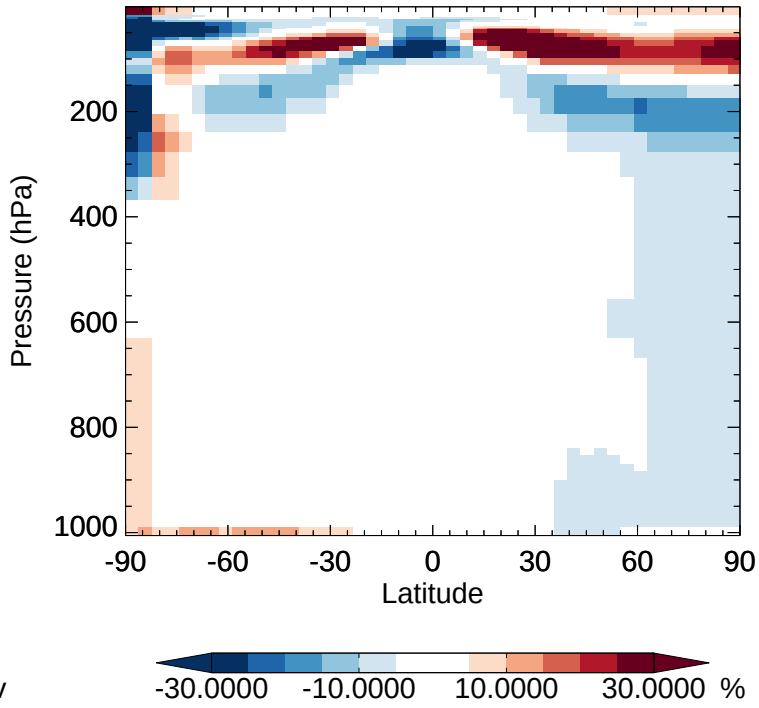
v11-02e-Run0 - v11-02d-Run1

HO2 - Zonal mean abs diff for Apr



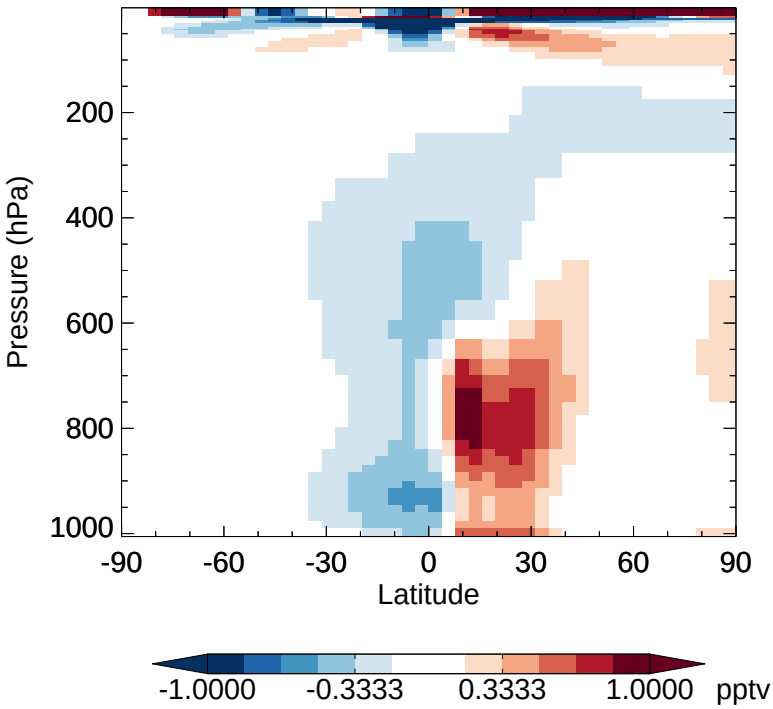
v11-02e-Run0 / v11-02d-Run1

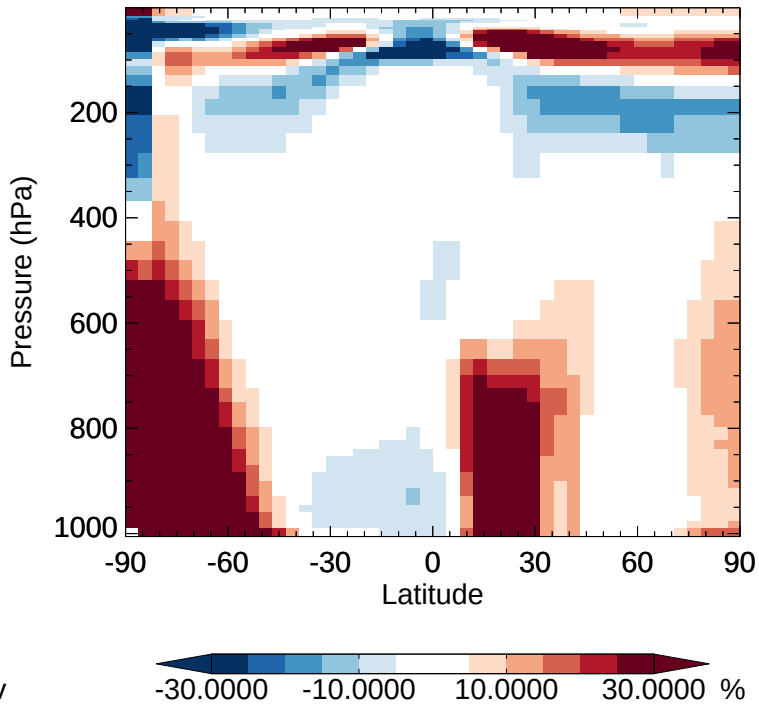
HO2 - Zonal mean % diff for Apr



v11-02e-Run0 - v11-02c-Run0

HO2 - Zonal mean abs diff for Apr



v11-02e-Run0 / v11-02c-Run0

HO2 - Zonal mean % diff for Apr