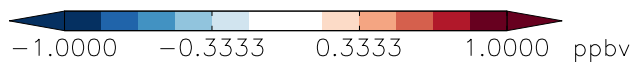
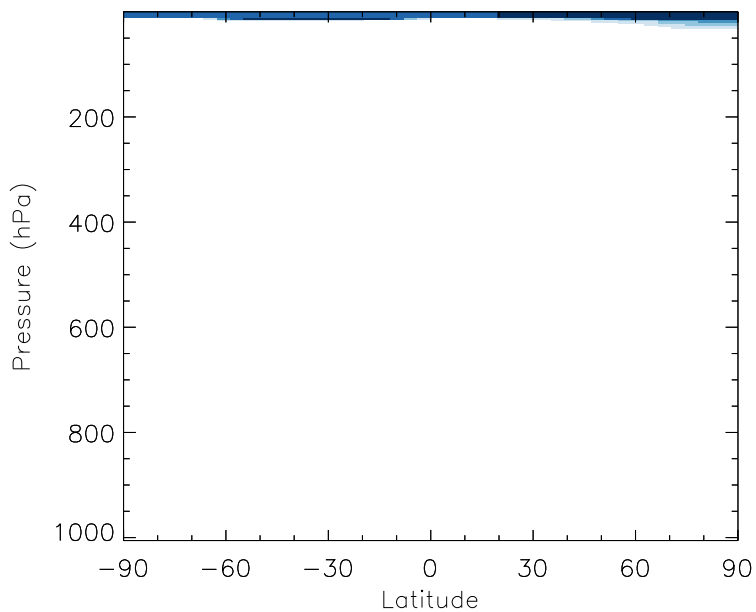


GEOS-Chem Zonal Difference Maps

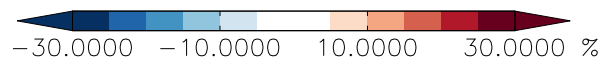
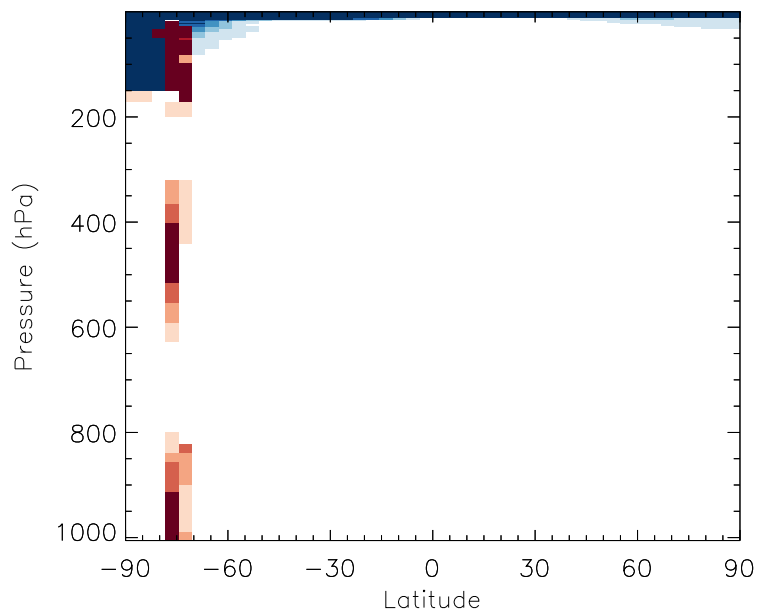
v11-01g-Run0 - v11-01f-geosfp-Run0

NO - Zonal mean abs diff for Jul



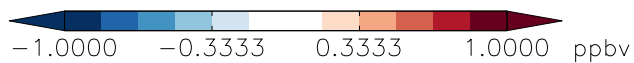
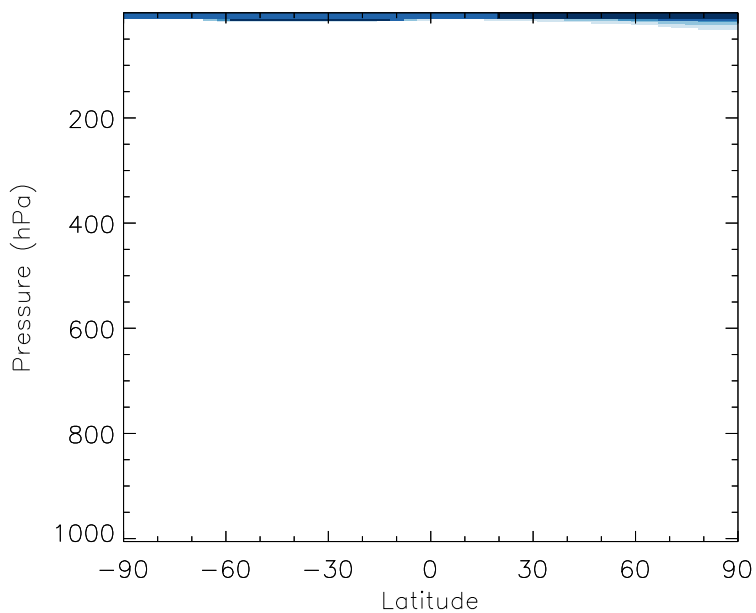
v11-01g-Run0 / v11-01f-geosfp-Run0

NO - Zonal mean % diff for Jul



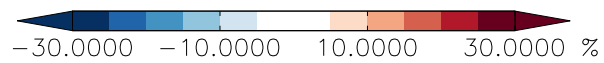
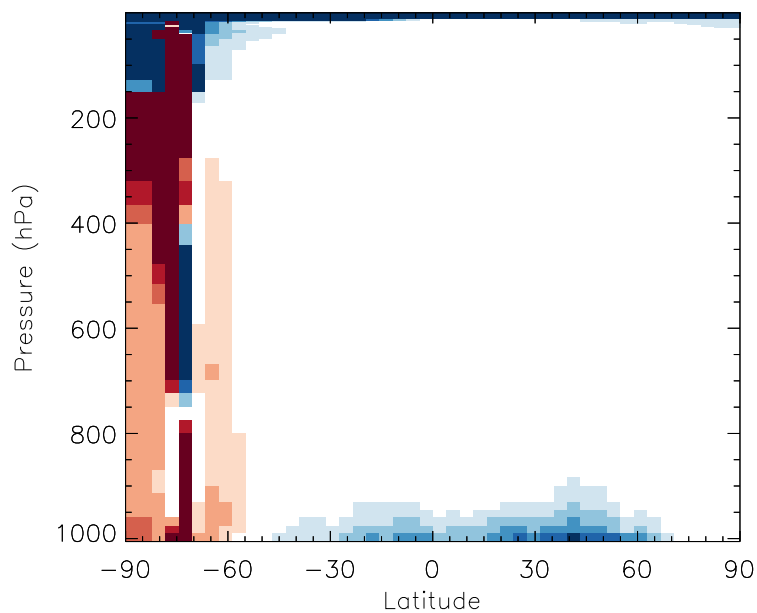
v11-01g-Run0 - v11-01d-Run1

NO - Zonal mean abs diff for Jul



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

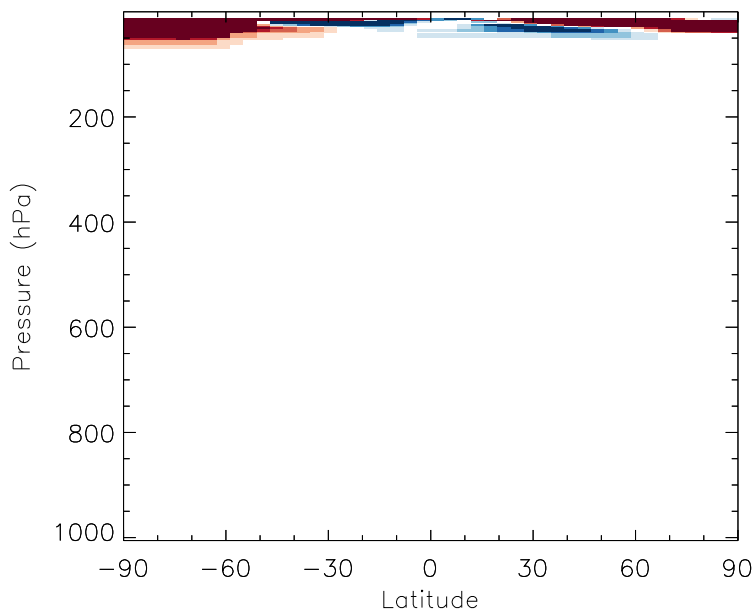
NO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

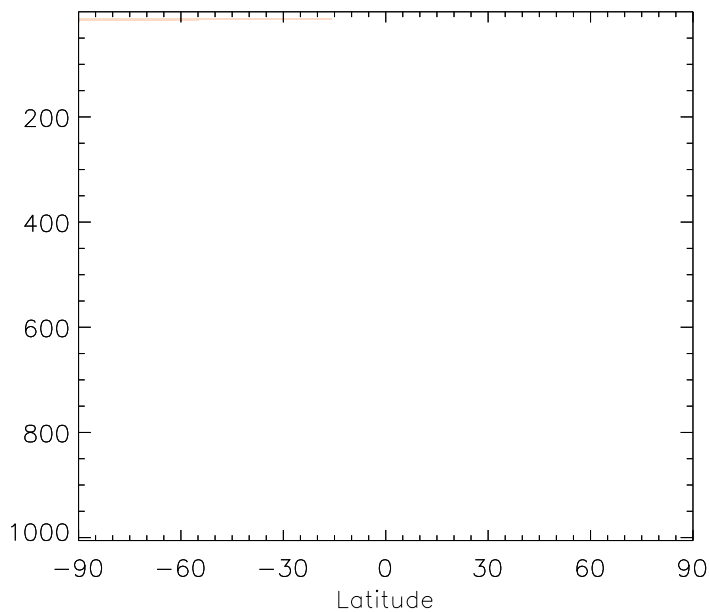
v11-01g-Run0 - v11-01f-geosfp-Run0

O3 - Zonal mean abs diff for Jul



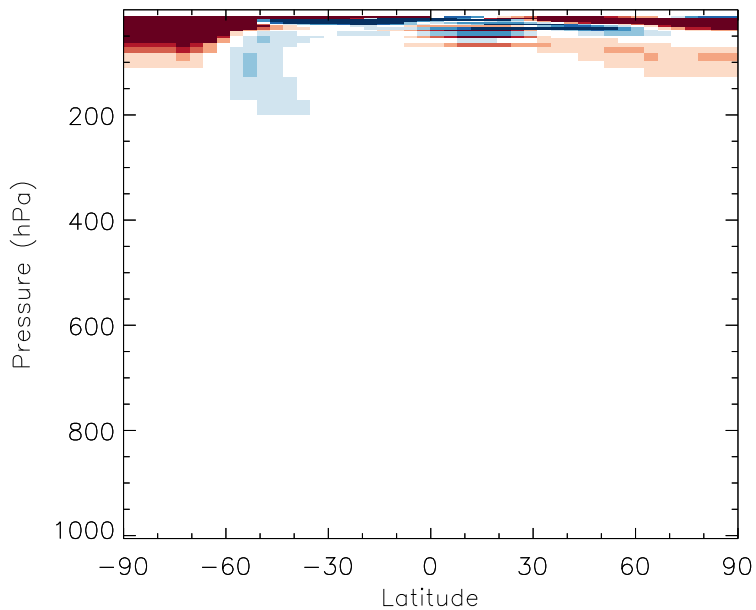
v11-01g-Run0 / v11-01f-geosfp-Run0

O3 - Zonal mean % diff for Jul



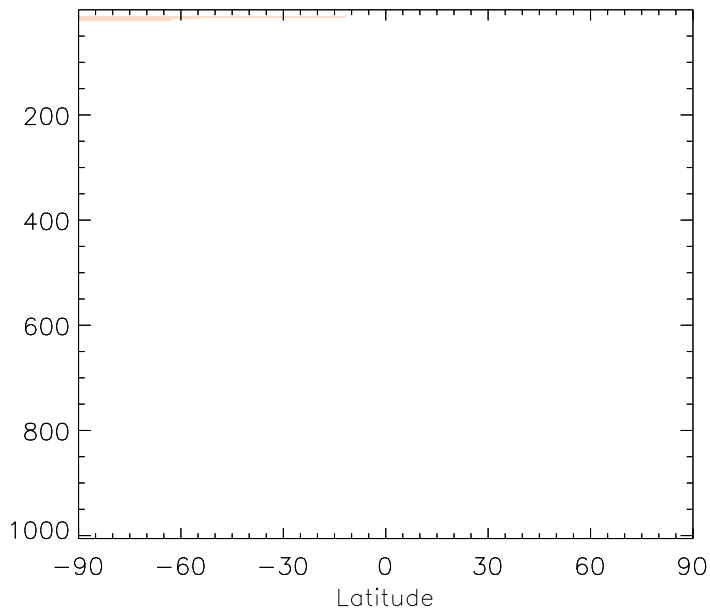
v11-01g-Run0 - v11-01d-Run1

O3 - Zonal mean abs diff for Jul



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

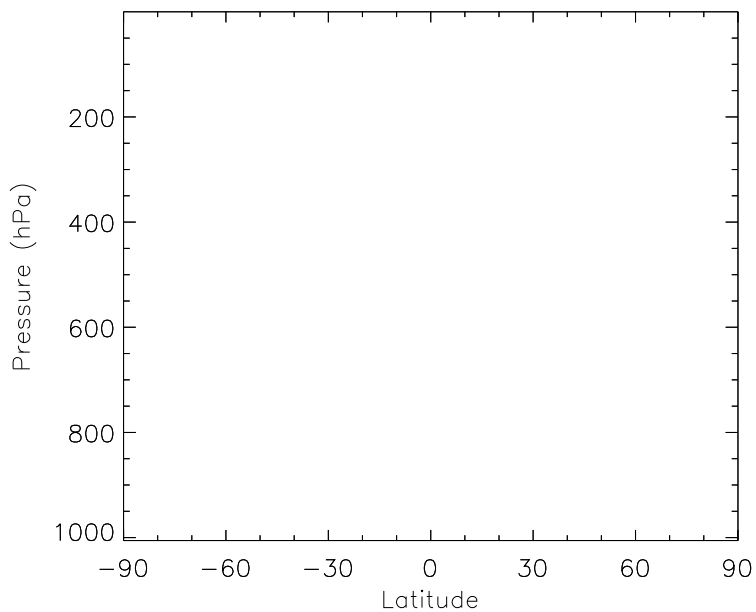
O3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

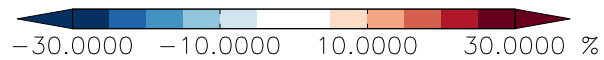
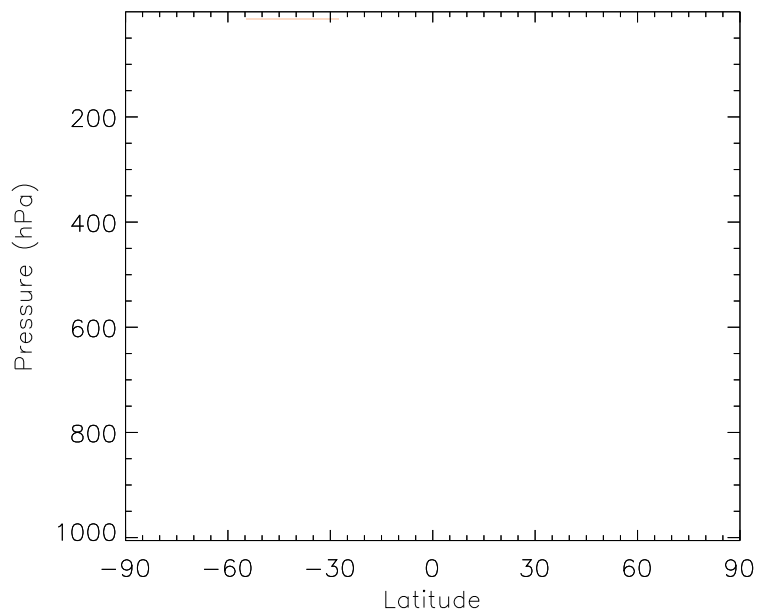
v11-01g-Run0 - v11-01f-geosfp-Run0

PAN - Zonal mean abs diff for Jul



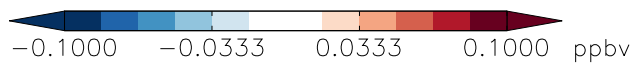
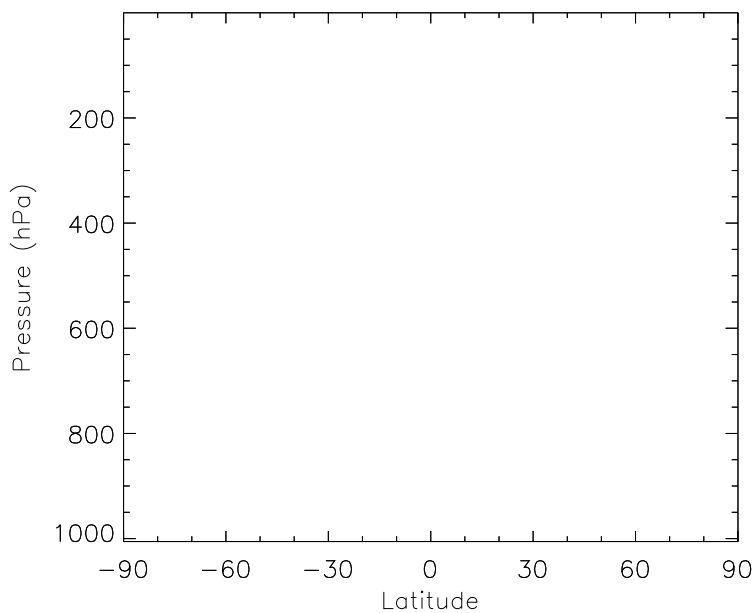
v11-01g-Run0 / v11-01f-geosfp-Run0

PAN - Zonal mean % diff for Jul



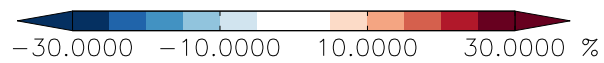
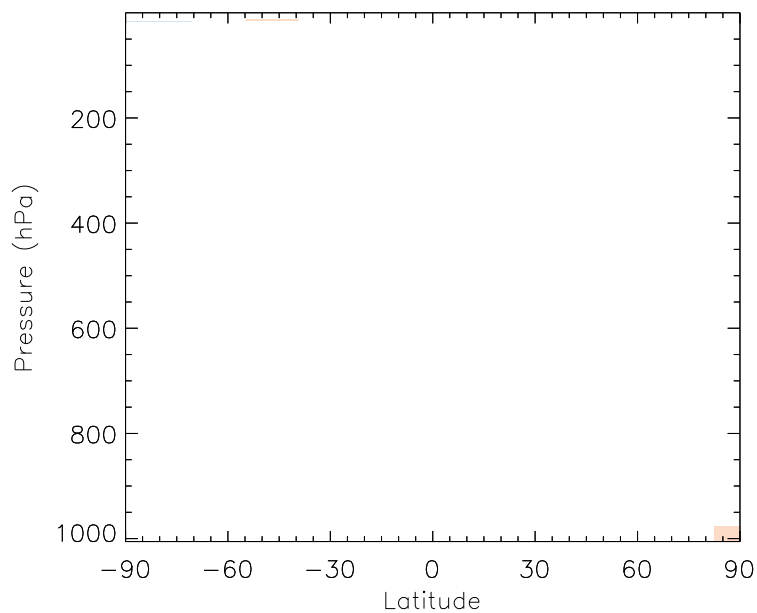
v11-01g-Run0 - v11-01d-Run1

PAN - Zonal mean abs diff for Jul



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

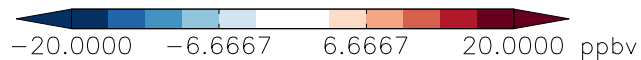
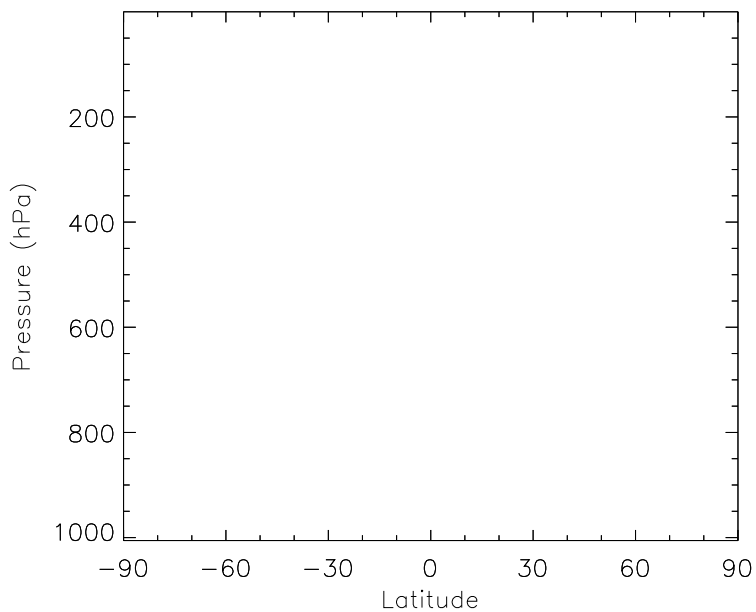
PAN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

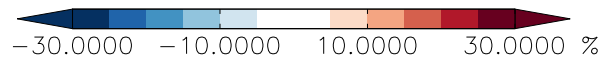
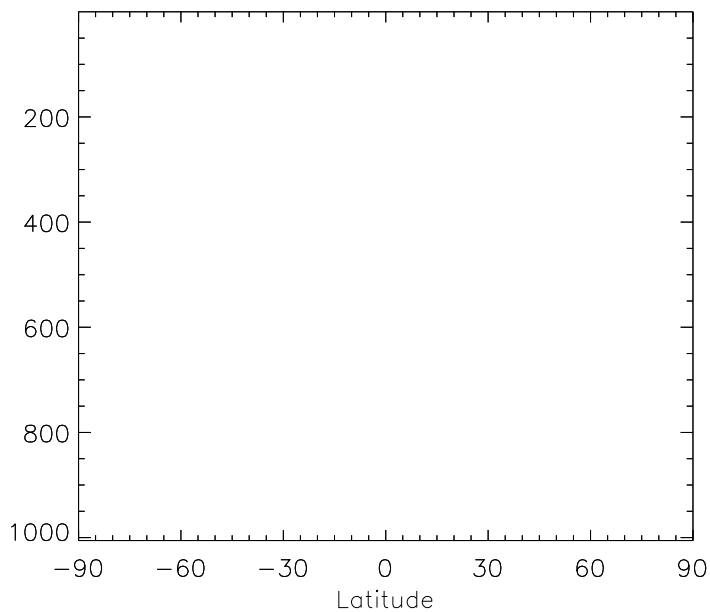
v11-01g-Run0 - v11-01f-geosfp-Run0

CO - Zonal mean abs diff for Jul



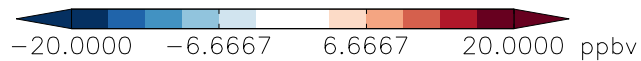
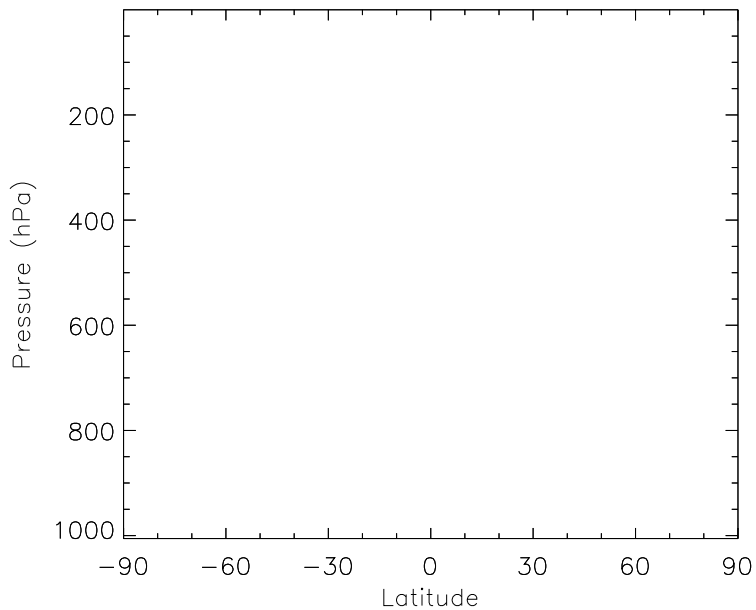
v11-01g-Run0 / v11-01f-geosfp-Run0

CO - Zonal mean % diff for Jul



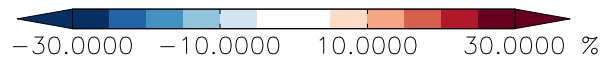
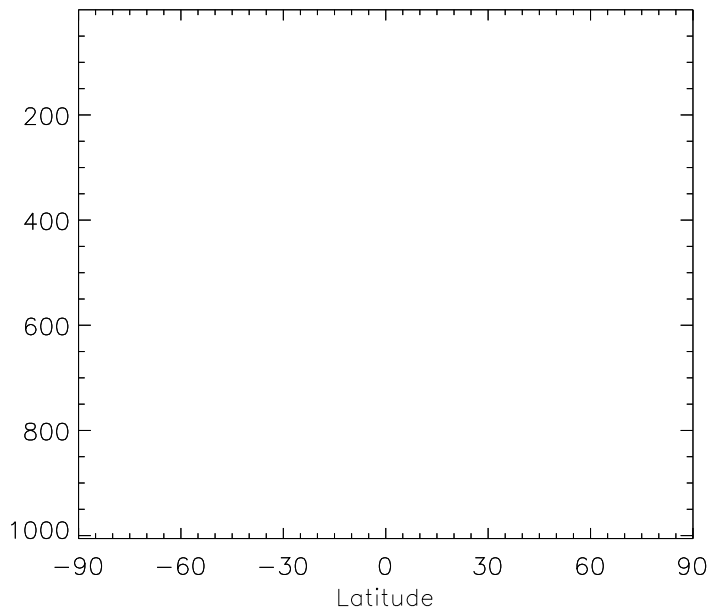
v11-01g-Run0 - v11-01d-Run1

CO - Zonal mean abs diff for Jul



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

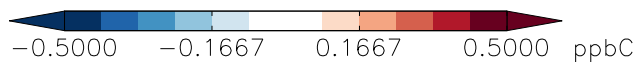
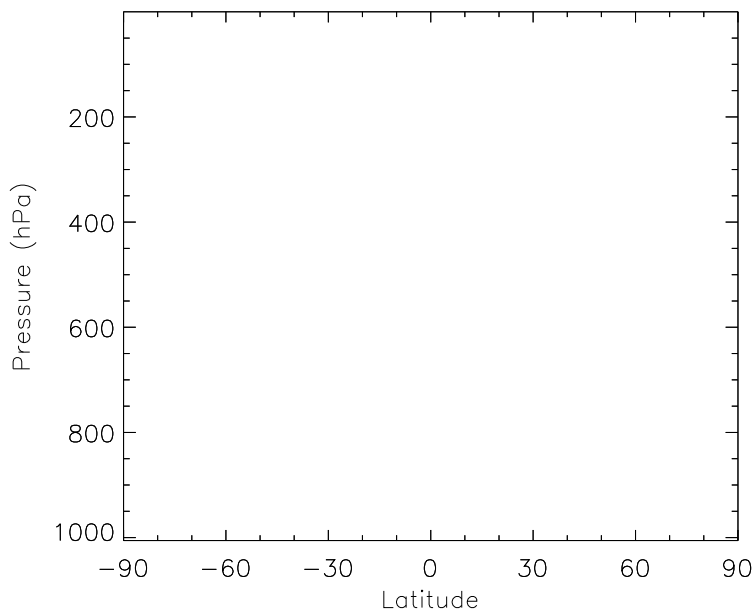
CO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

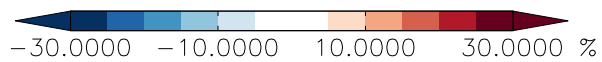
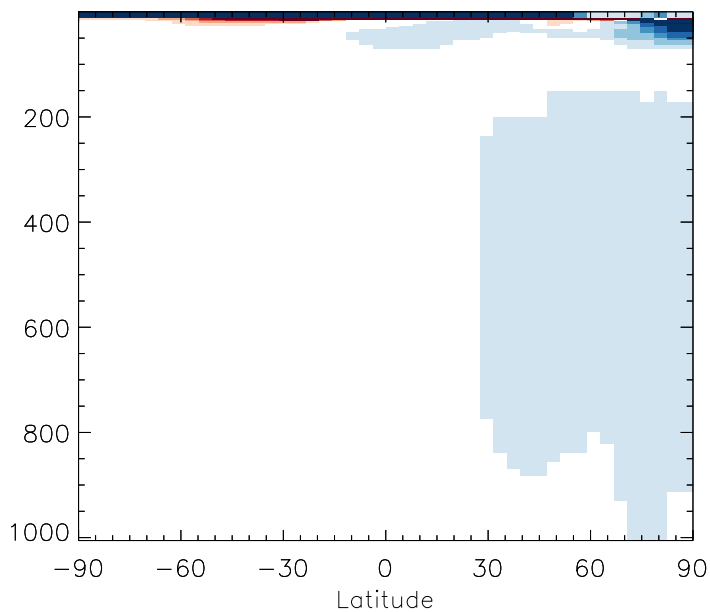
v11-01g-Run0 - v11-01f-geosfp-Run0

ALK4 - Zonal mean abs diff for Jul



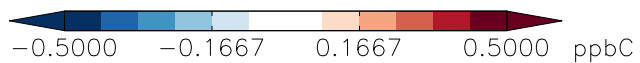
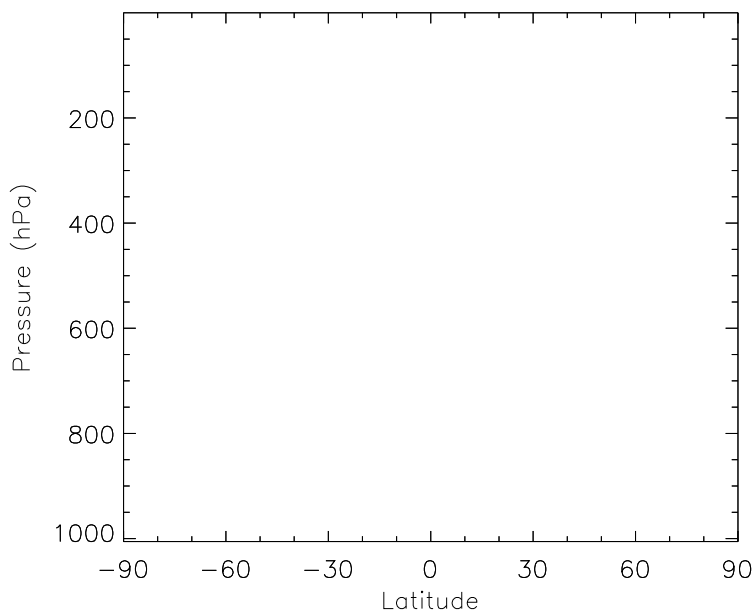
v11-01g-Run0 / v11-01f-geosfp-Run0

ALK4 - Zonal mean % diff for Jul



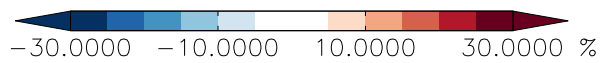
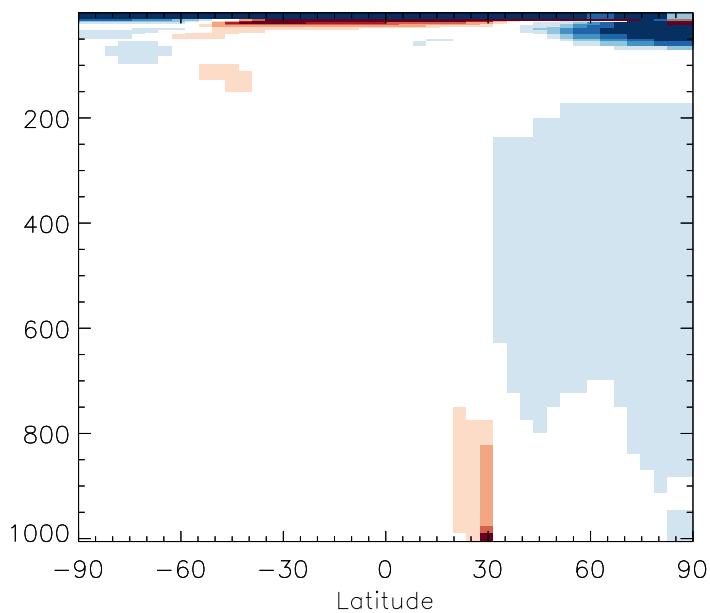
v11-01g-Run0 - v11-01d-Run1

ALK4 - Zonal mean abs diff for Jul



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

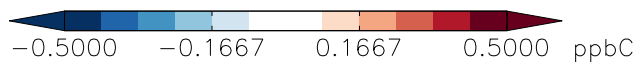
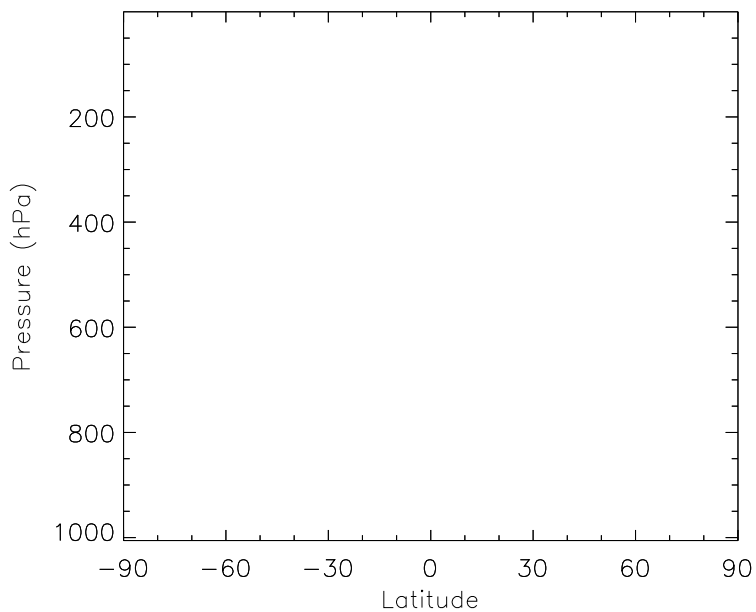
ALK4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

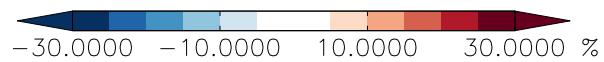
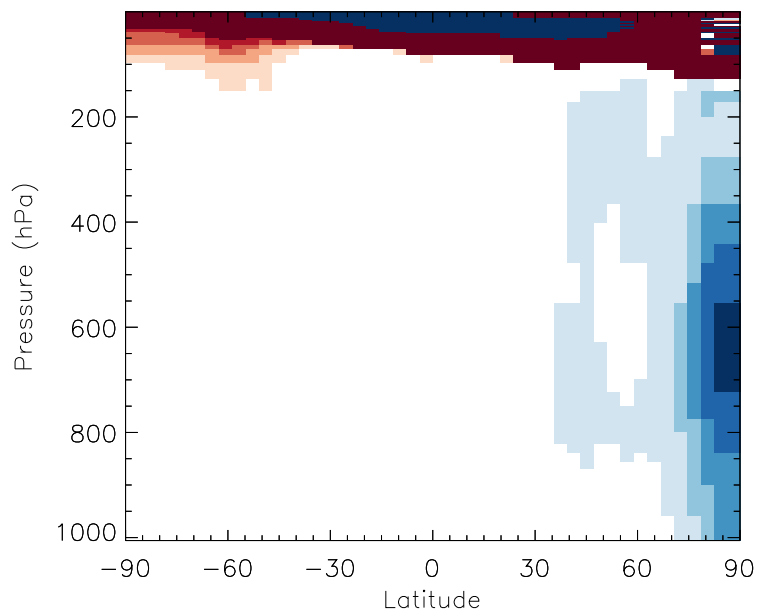
v11-01g-Run0 - v11-01f-geosfp-Run0

ISOP - Zonal mean abs diff for Jul



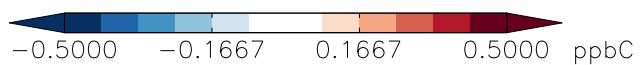
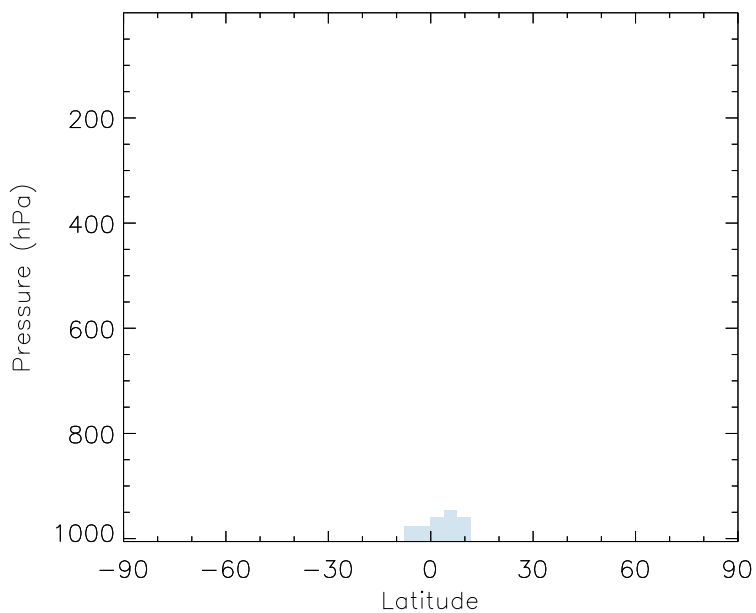
v11-01g-Run0 / v11-01f-geosfp-Run0

ISOP - Zonal mean % diff for Jul



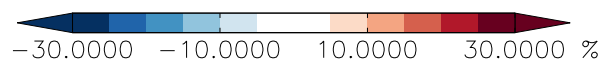
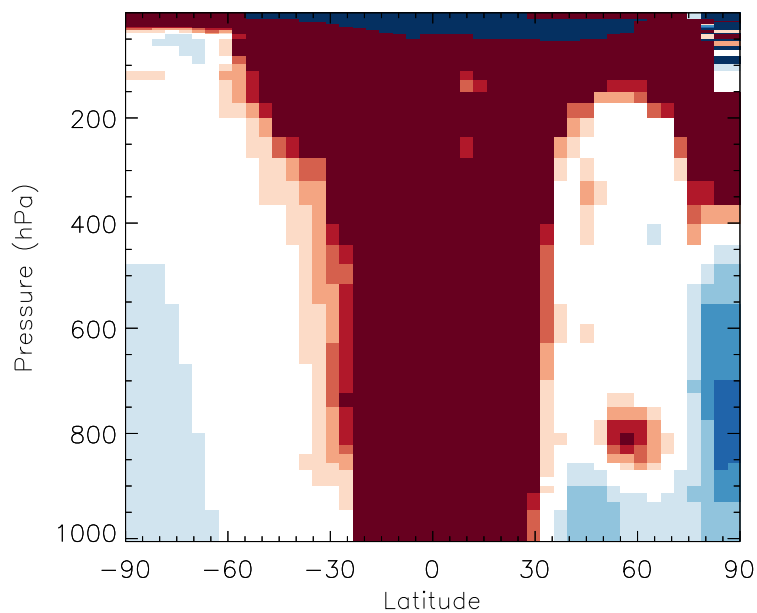
v11-01g-Run0 - v11-01d-Run1

ISOP - Zonal mean abs diff for Jul



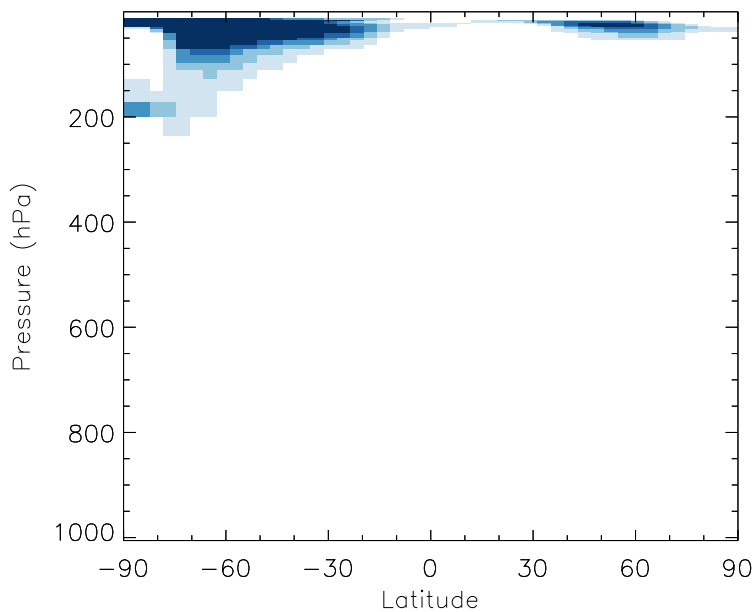
v11-01g-Run0 / v11-01d-Run1

ISOP - Zonal mean % diff for Jul

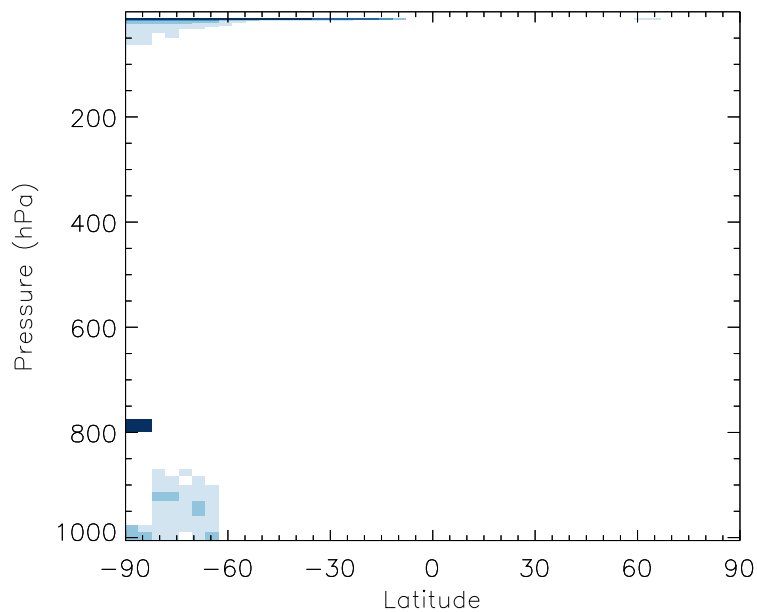


GEOS-Chem Zonal Difference Maps

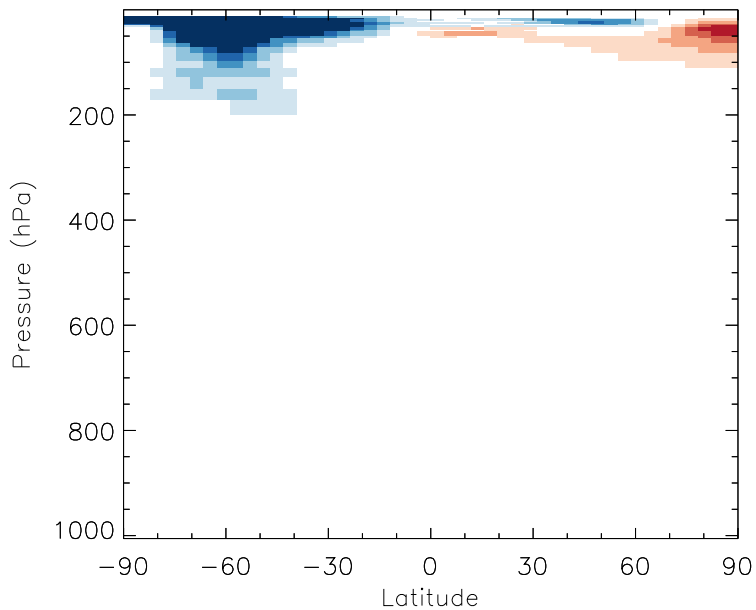
v11-01g-Run0 - v11-01f-geosfp-Run0
HNO₃ - Zonal mean abs diff for Jul



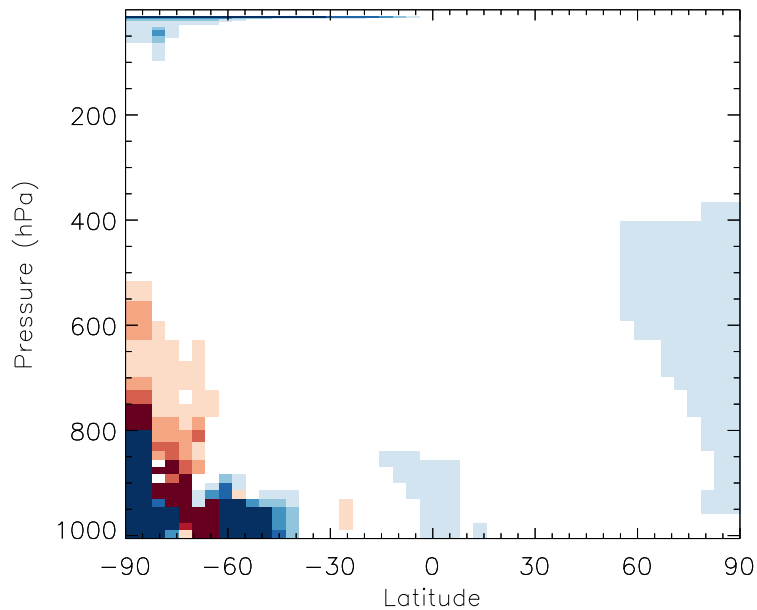
v11-01g-Run0 / v11-01f-geosfp-Run0
HNO₃ - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
HNO₃ - Zonal mean abs diff for Jul



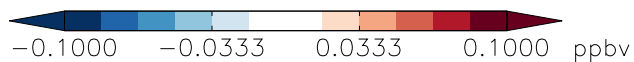
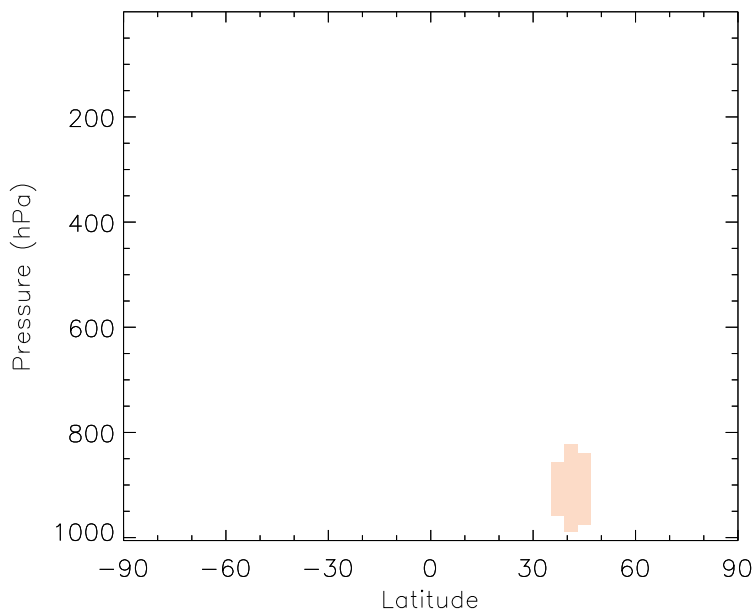
v11-01g-Run0 / v11-01d-Run1
HNO₃ - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

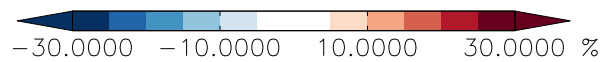
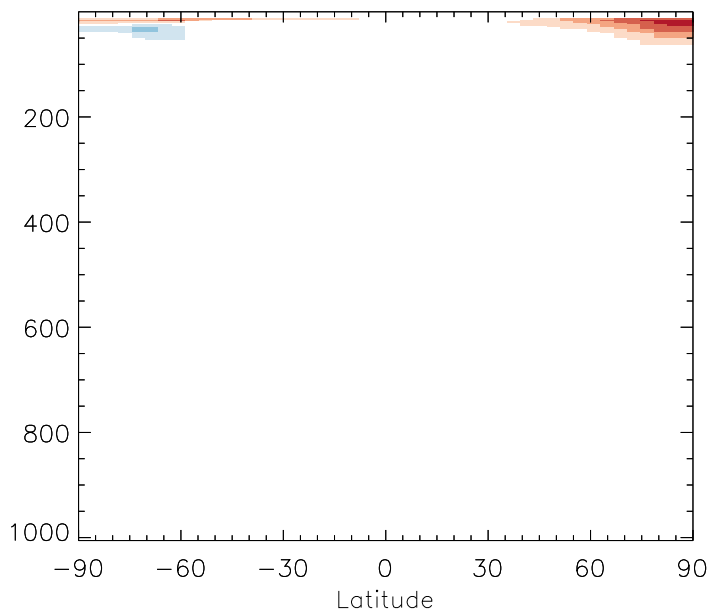
v11-01g-Run0 - v11-01f-geosfp-Run0

H2O2 - Zonal mean abs diff for Jul



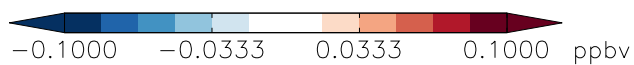
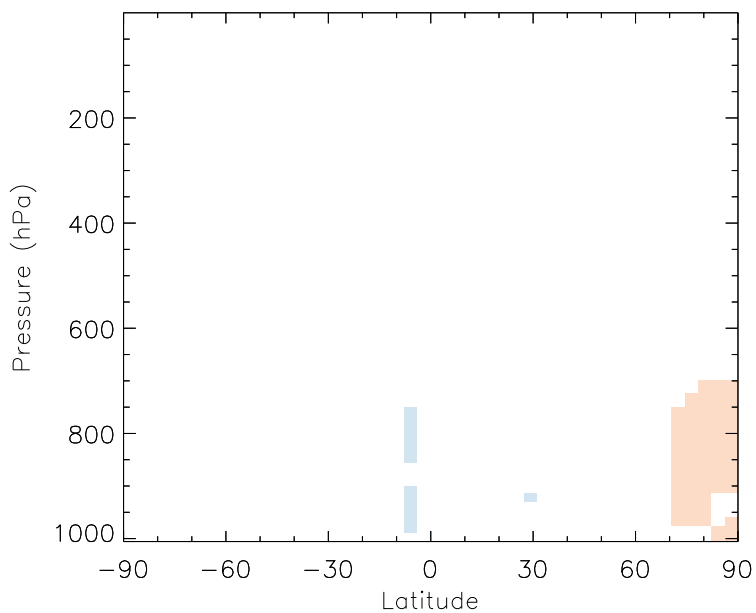
v11-01g-Run0 / v11-01f-geosfp-Run0

H2O2 - Zonal mean % diff for Jul



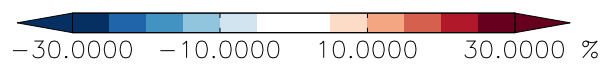
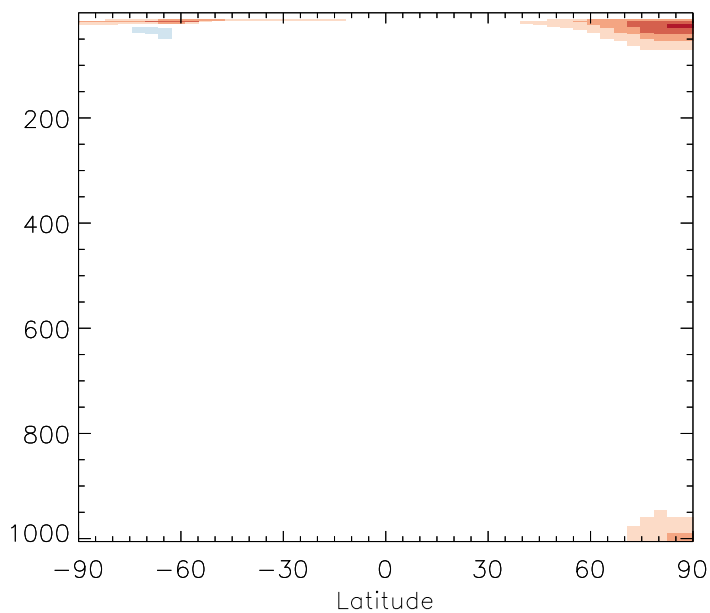
v11-01g-Run0 - v11-01d-Run1

H2O2 - Zonal mean abs diff for Jul



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

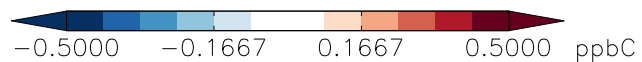
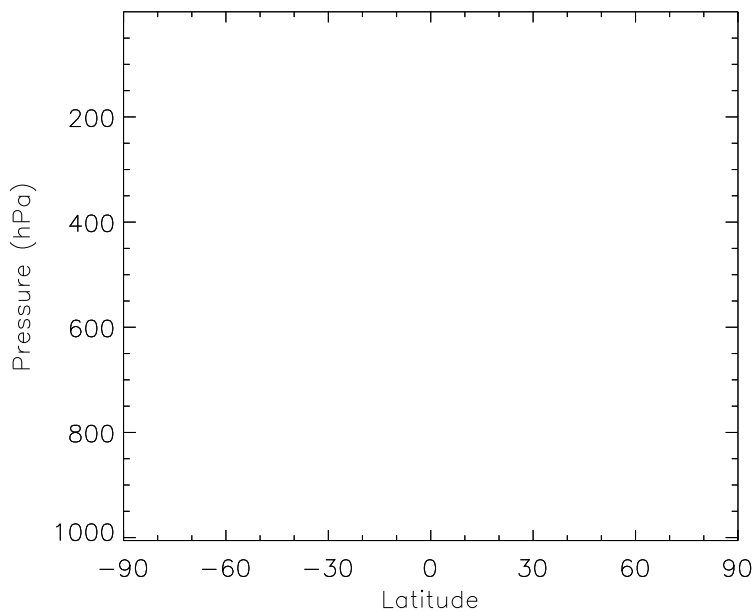
H2O2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

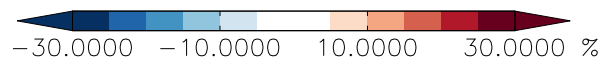
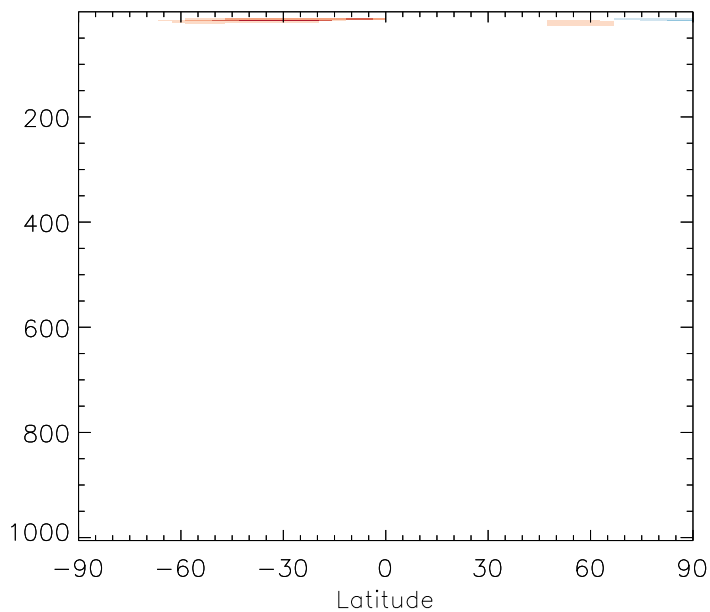
v11-01g-Run0 - v11-01f-geosfp-Run0

ACET - Zonal mean abs diff for Jul



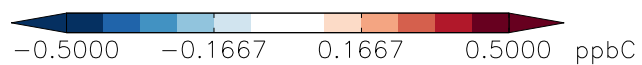
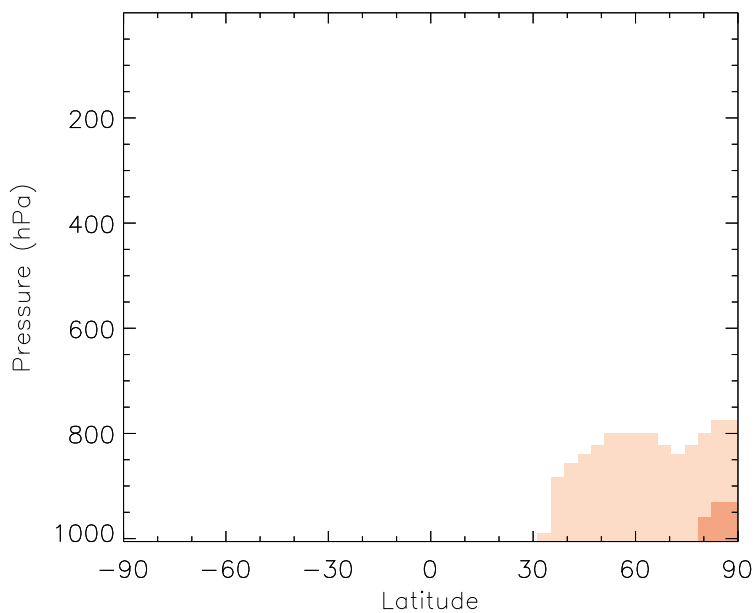
v11-01g-Run0 / v11-01f-geosfp-Run0

ACET - Zonal mean % diff for Jul



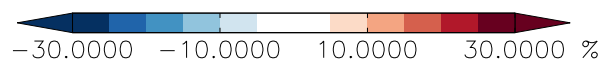
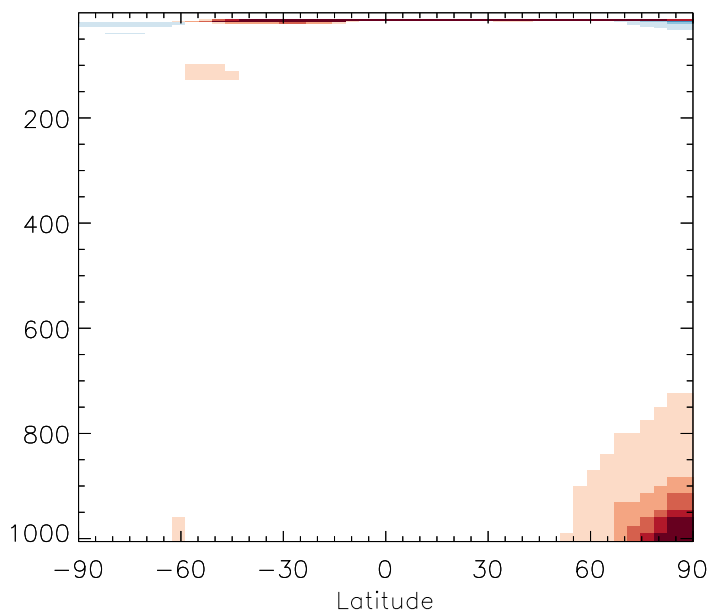
v11-01g-Run0 - v11-01d-Run1

ACET - Zonal mean abs diff for Jul



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

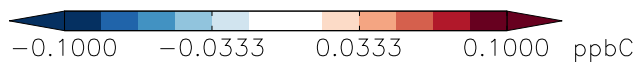
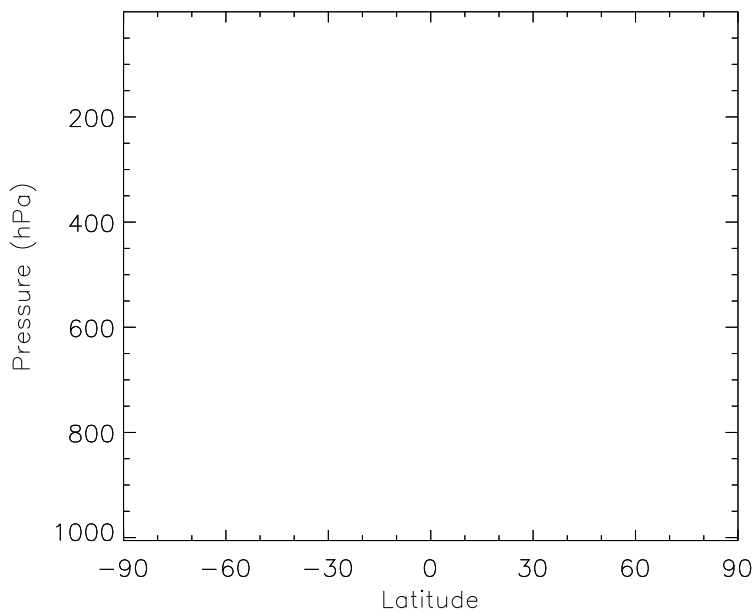
ACET - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

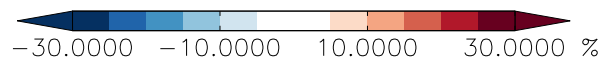
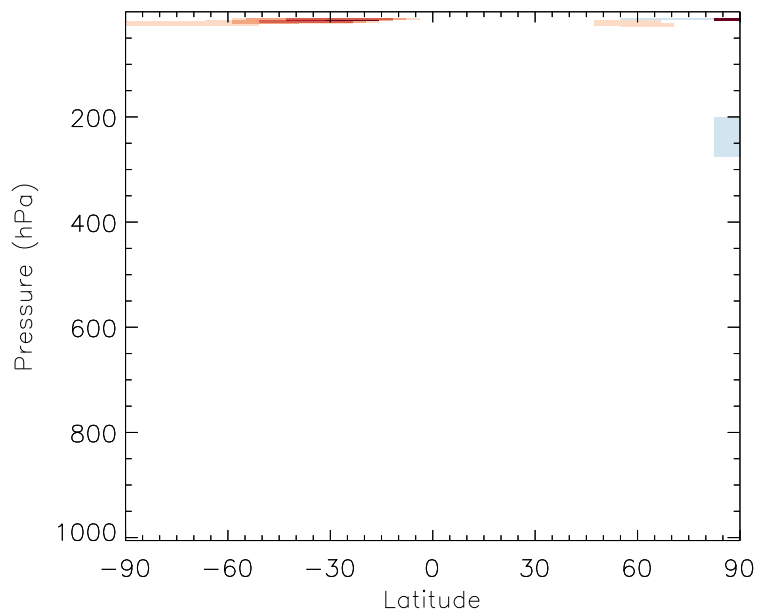
v11-01g-Run0 - v11-01f-geosfp-Run0

MEK - Zonal mean abs diff for Jul



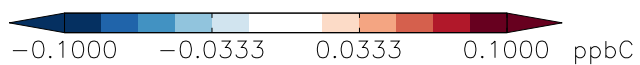
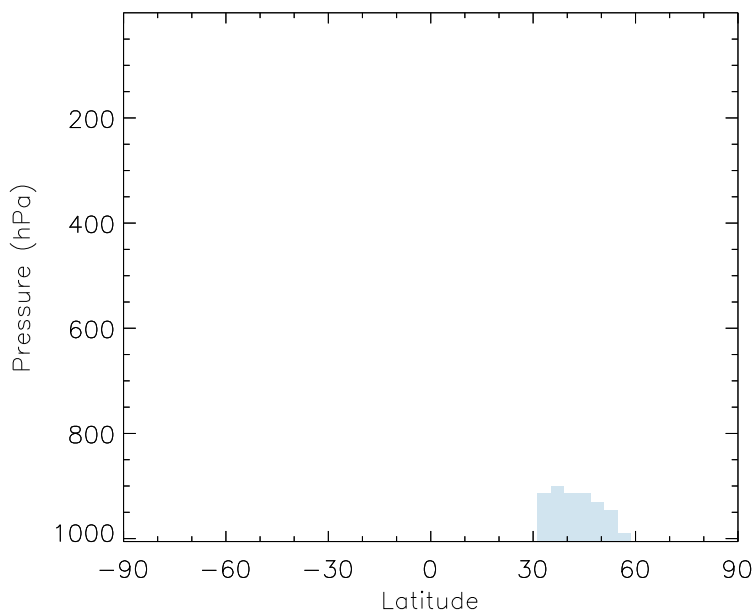
v11-01g-Run0 / v11-01f-geosfp-Run0

MEK - Zonal mean % diff for Jul



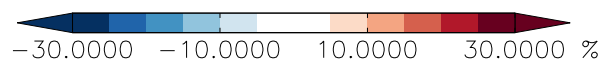
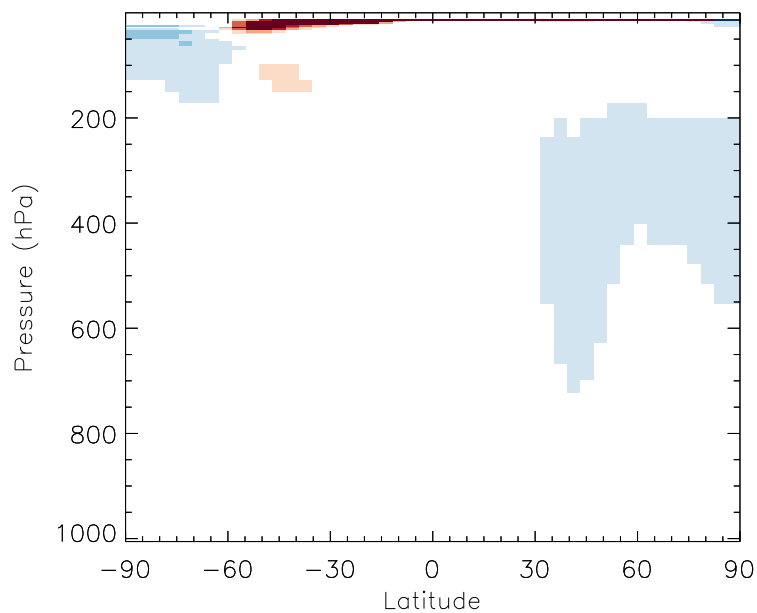
v11-01g-Run0 - v11-01d-Run1

MEK - Zonal mean abs diff for Jul



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

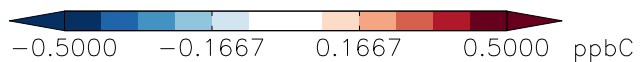
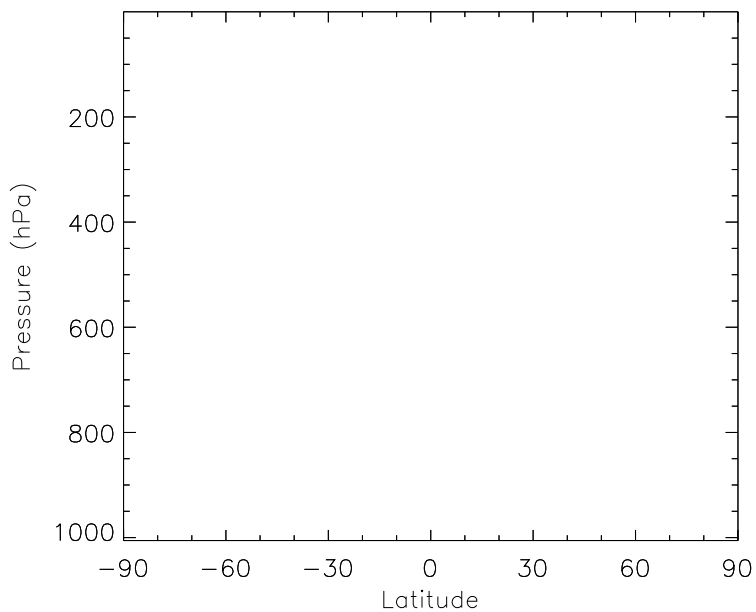
MEK - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

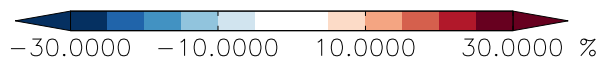
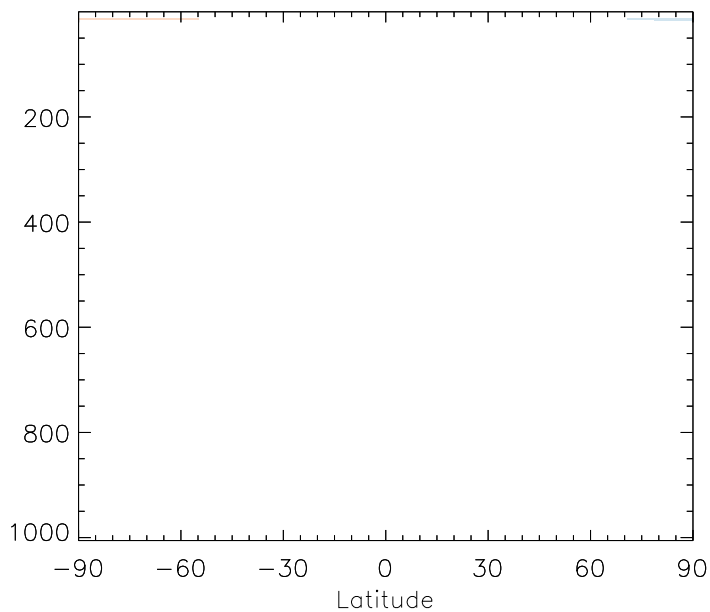
v11-01g-Run0 - v11-01f-geosfp-Run0

ALD2 - Zonal mean abs diff for Jul



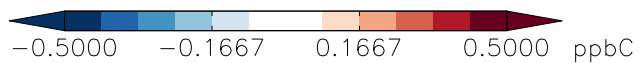
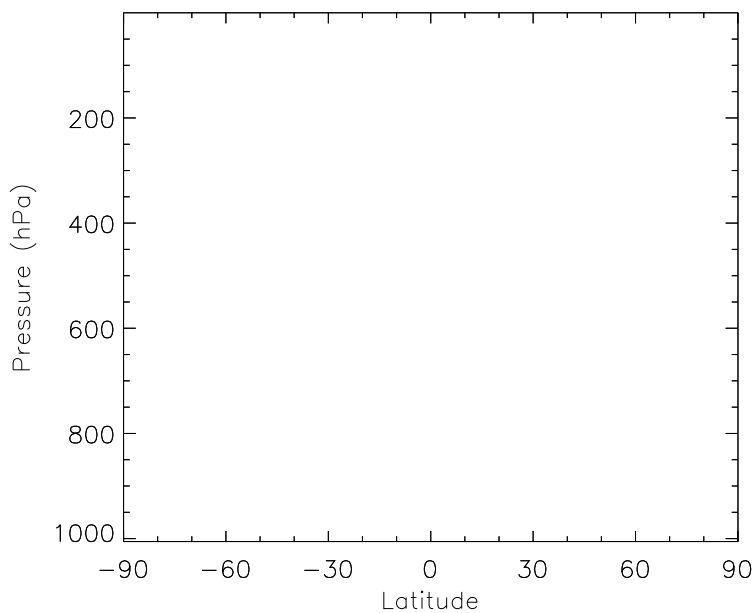
v11-01g-Run0 / v11-01f-geosfp-Run0

ALD2 - Zonal mean % diff for Jul



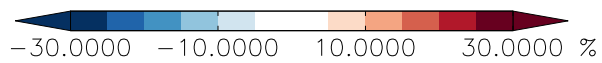
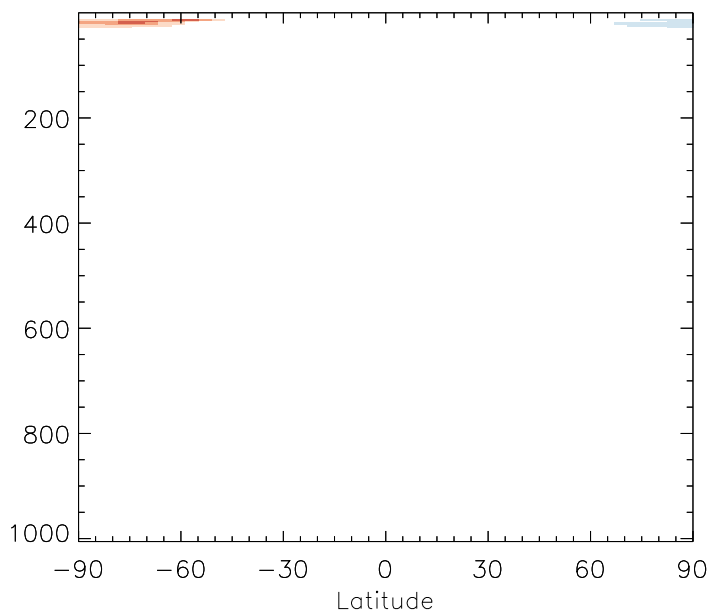
v11-01g-Run0 - v11-01d-Run1

ALD2 - Zonal mean abs diff for Jul



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

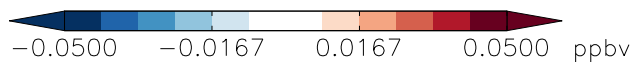
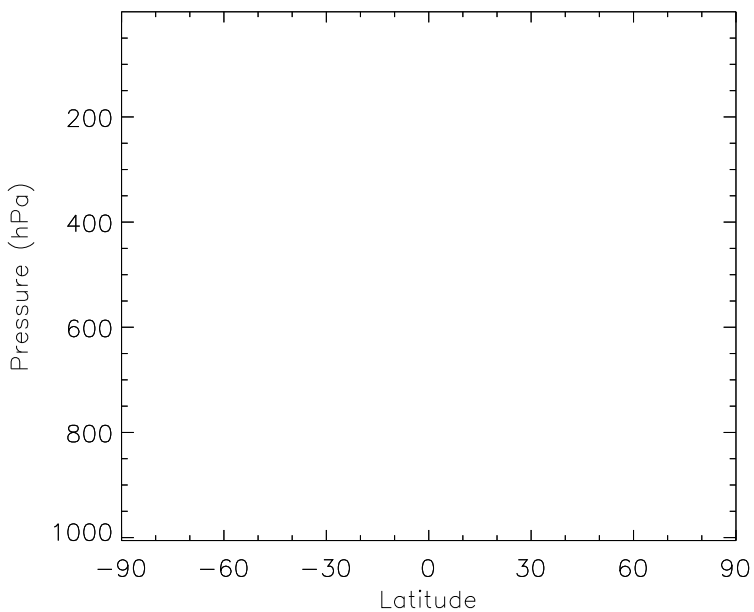
ALD2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

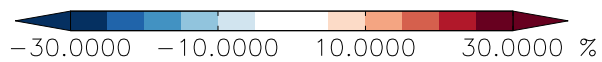
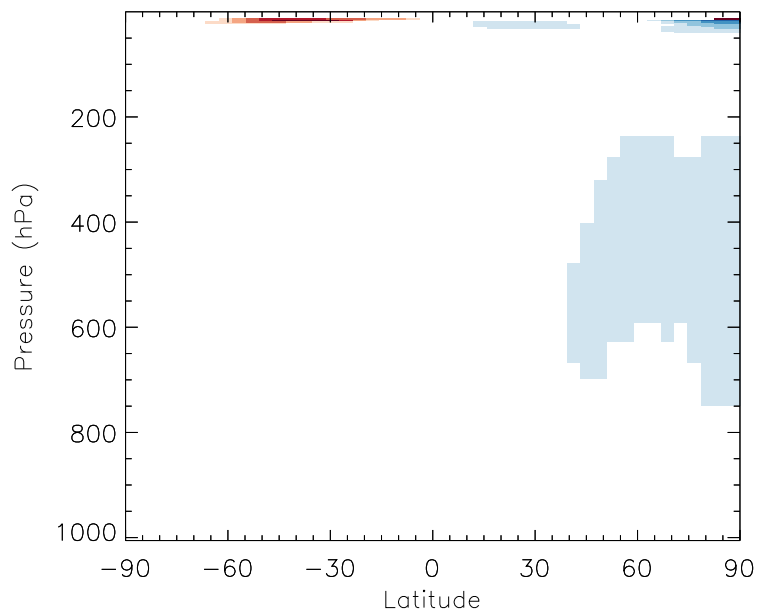
v11-01g-Run0 - v11-01f-geosfp-Run0

RCHO - Zonal mean abs diff for Jul



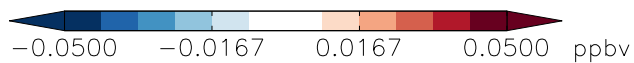
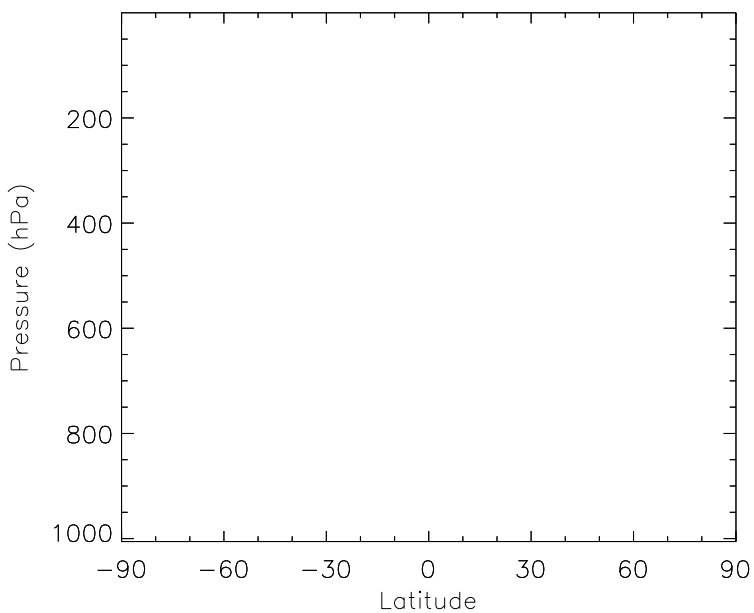
v11-01g-Run0 / v11-01f-geosfp-Run0

RCHO - Zonal mean % diff for Jul



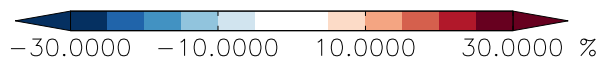
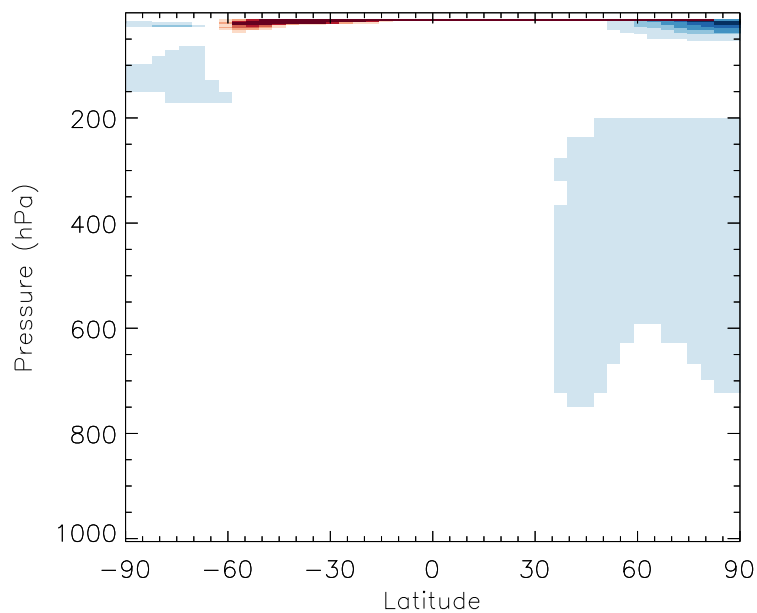
v11-01g-Run0 - v11-01d-Run1

RCHO - Zonal mean abs diff for Jul



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

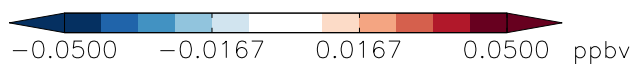
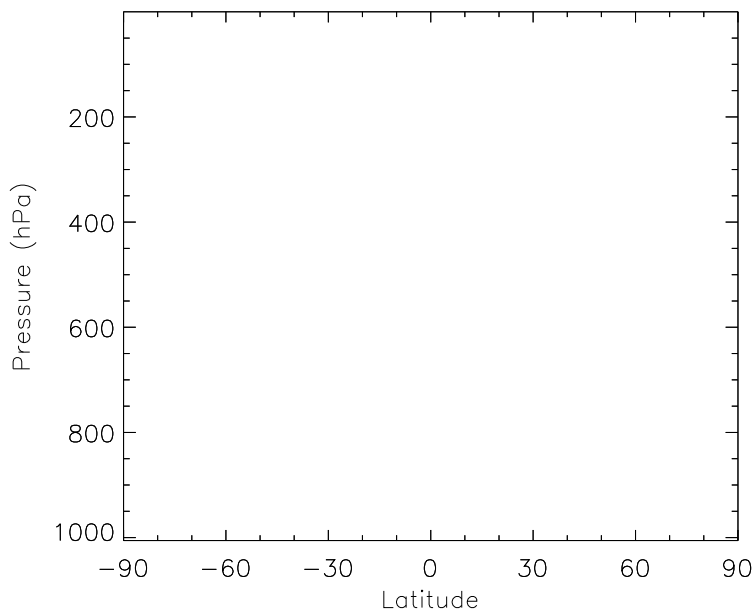
RCHO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

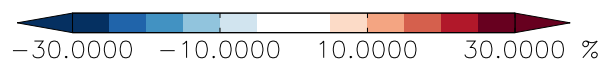
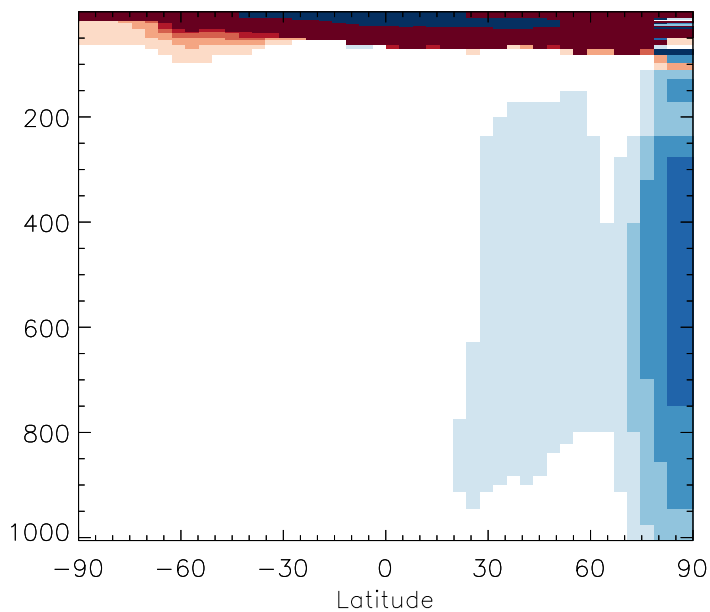
v11-01g-Run0 - v11-01f-geosfp-Run0

MVK - Zonal mean abs diff for Jul



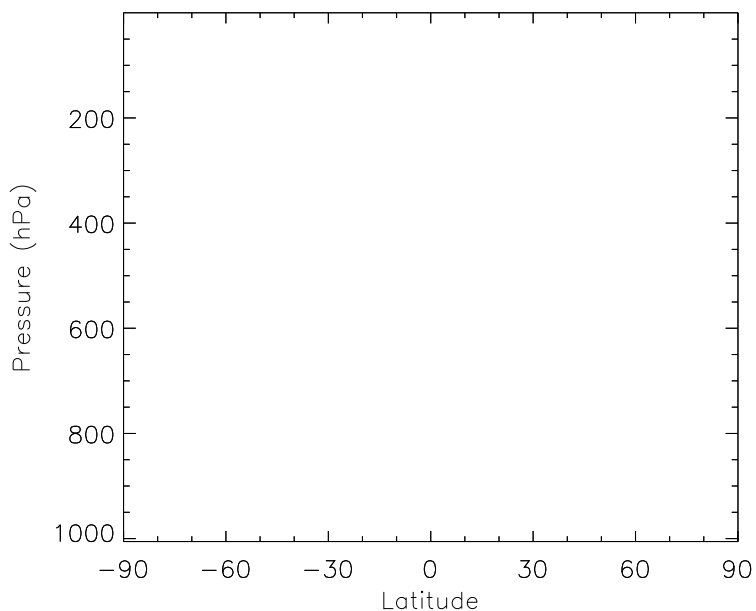
v11-01g-Run0 / v11-01f-geosfp-Run0

MVK - Zonal mean % diff for Jul



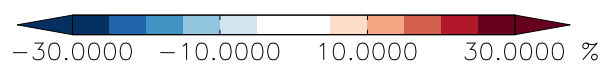
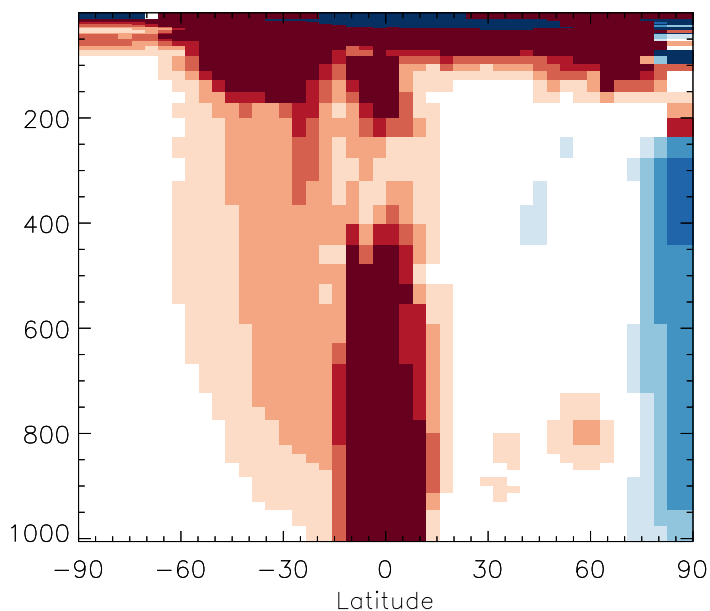
v11-01g-Run0 - v11-01d-Run1

MVK - Zonal mean abs diff for Jul



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

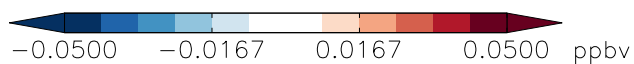
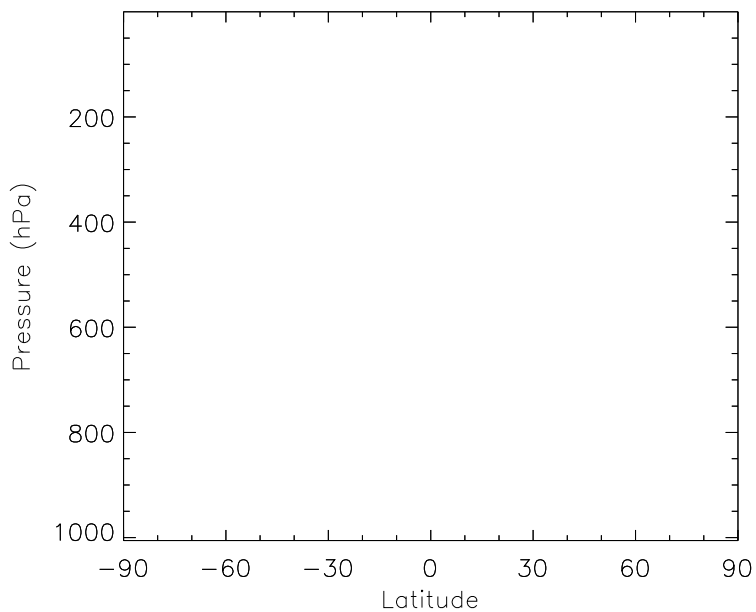
MVK - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

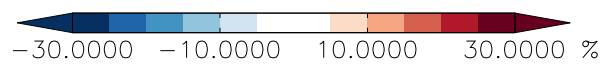
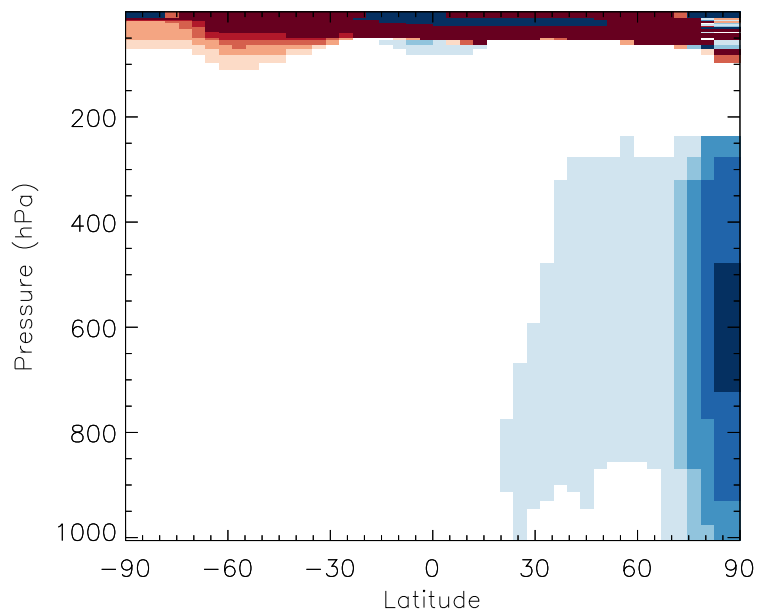
v11-01g-Run0 - v11-01f-geosp-Run0

MACR - Zonal mean abs diff for Jul



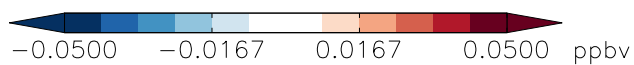
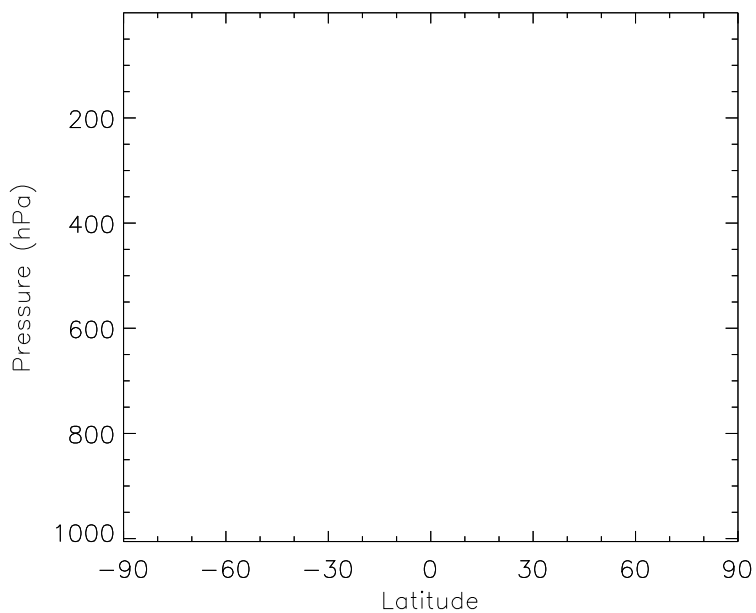
v11-01g-Run0 / v11-01f-geosp-Run0

MACR - Zonal mean % diff for Jul



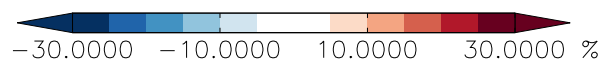
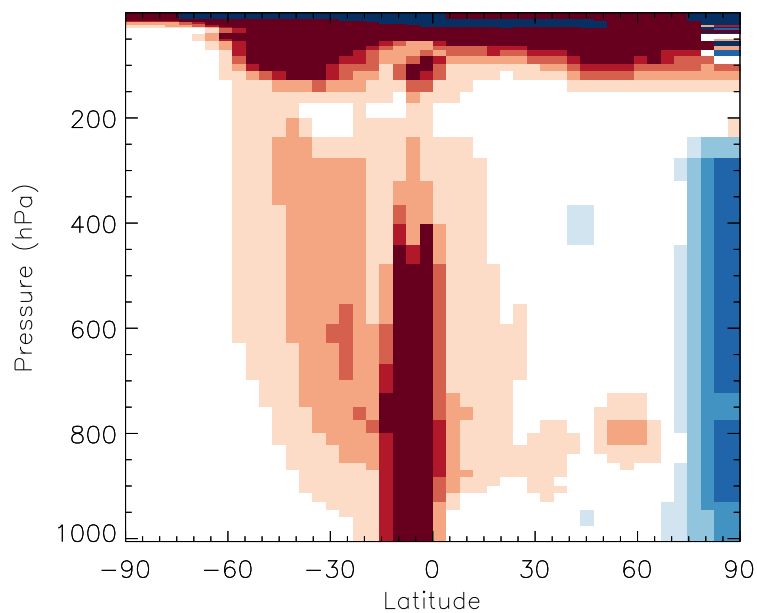
v11-01g-Run0 - v11-01d-Run1

MACR - Zonal mean abs diff for Jul



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

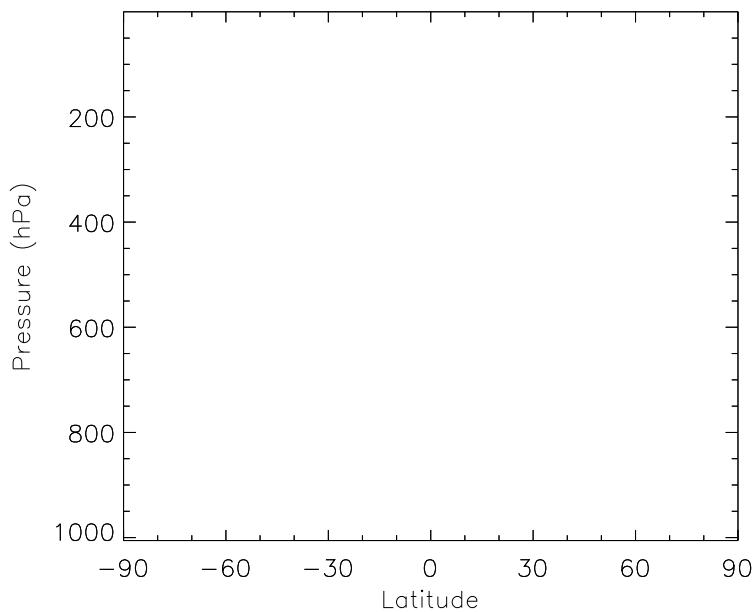
MACR - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

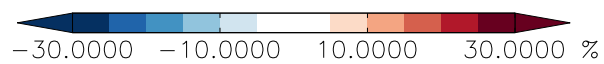
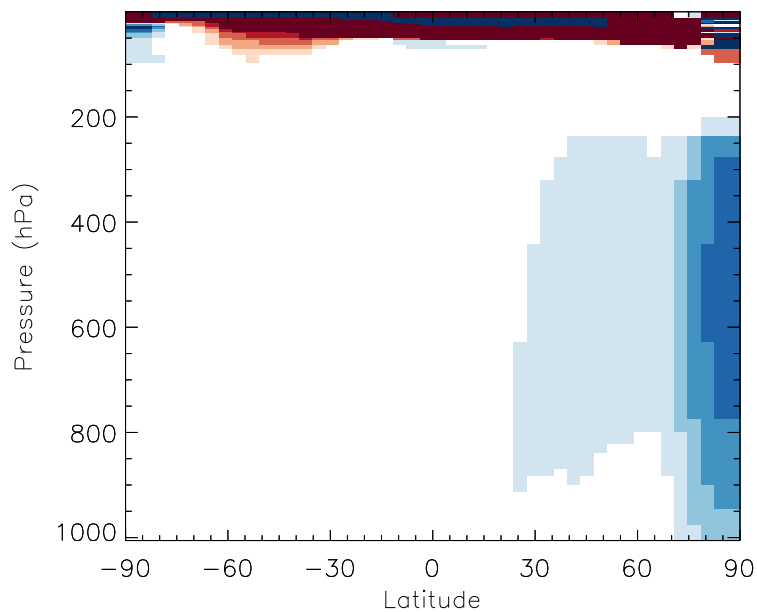
v11-01g-Run0 - v11-01f-geosfp-Run0

PMN - Zonal mean abs diff for Jul



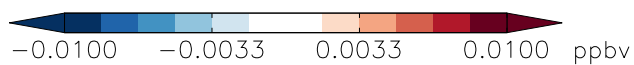
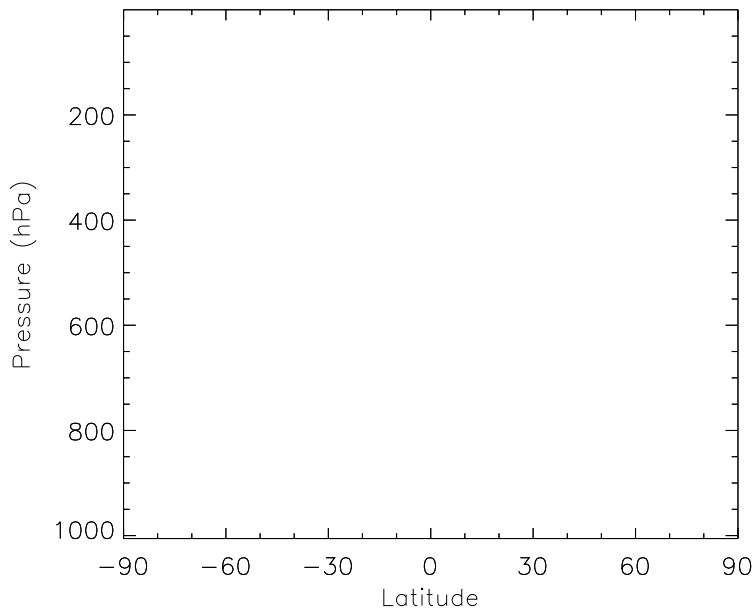
v11-01g-Run0 / v11-01f-geosfp-Run0

PMN - Zonal mean % diff for Jul



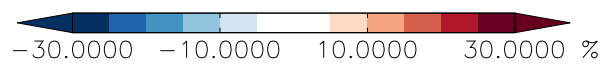
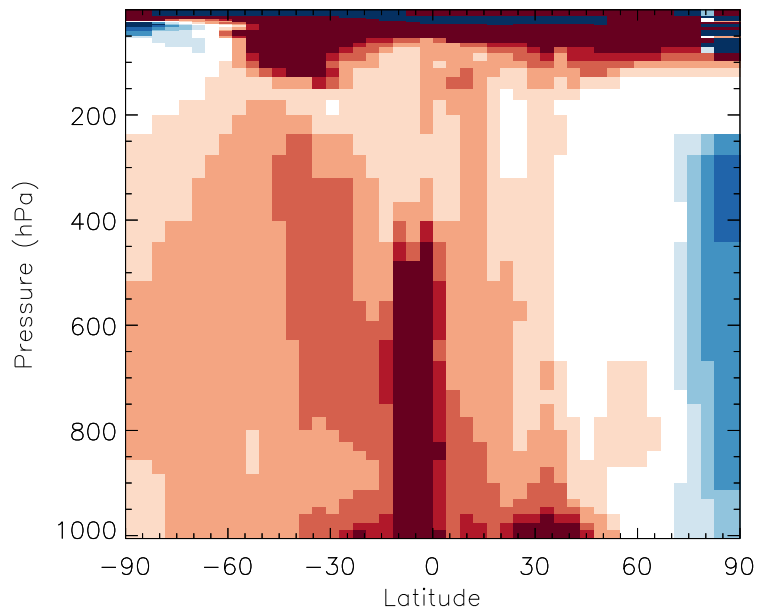
v11-01g-Run0 - v11-01d-Run1

PMN - Zonal mean abs diff for Jul



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

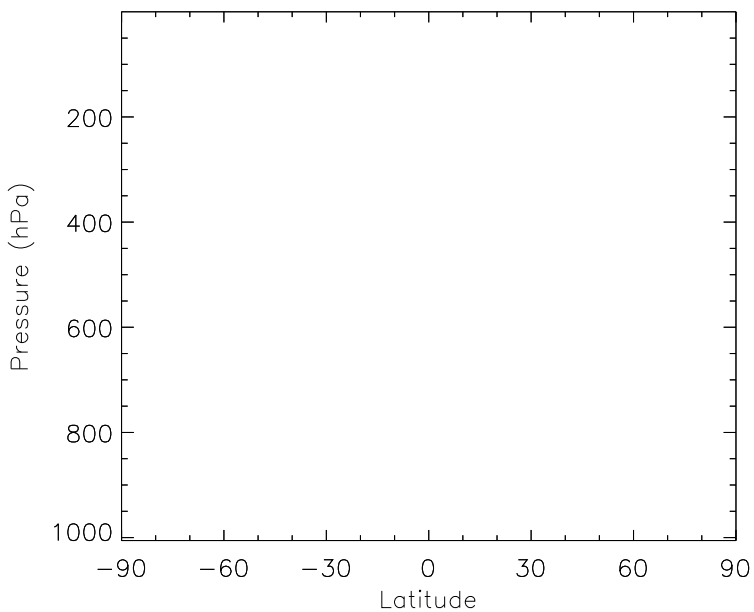
PMN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

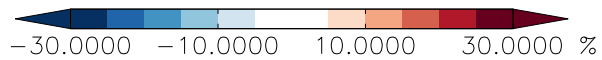
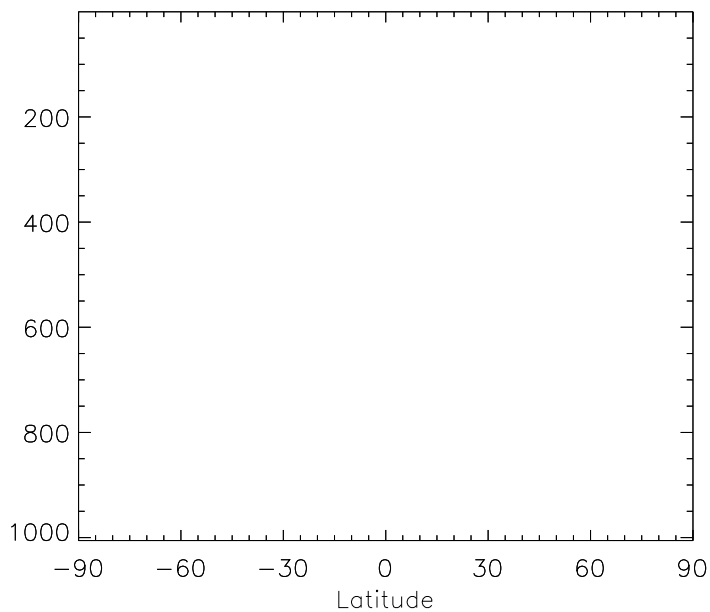
v11-01g-Run0 - v11-01f-geosfp-Run0

PPN - Zonal mean abs diff for Jul



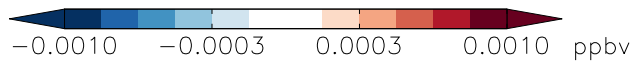
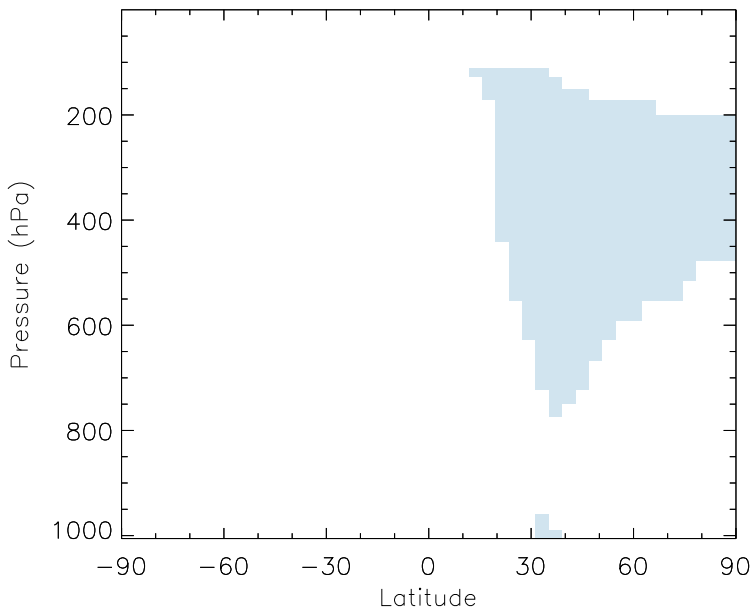
v11-01g-Run0 / v11-01f-geosfp-Run0

PPN - Zonal mean % diff for Jul



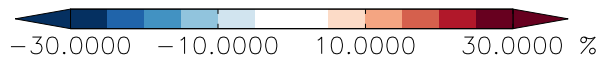
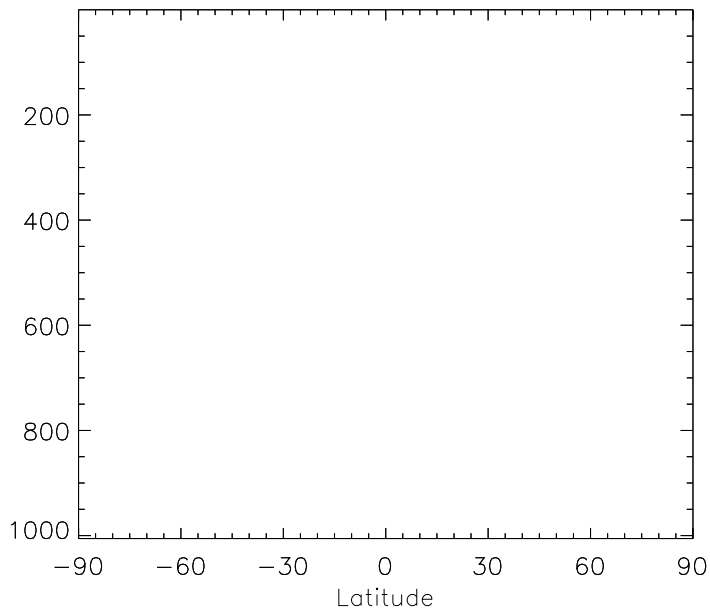
v11-01g-Run0 - v11-01d-Run1

PPN - Zonal mean abs diff for Jul



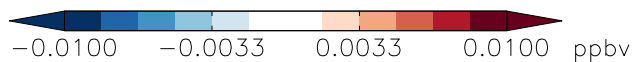
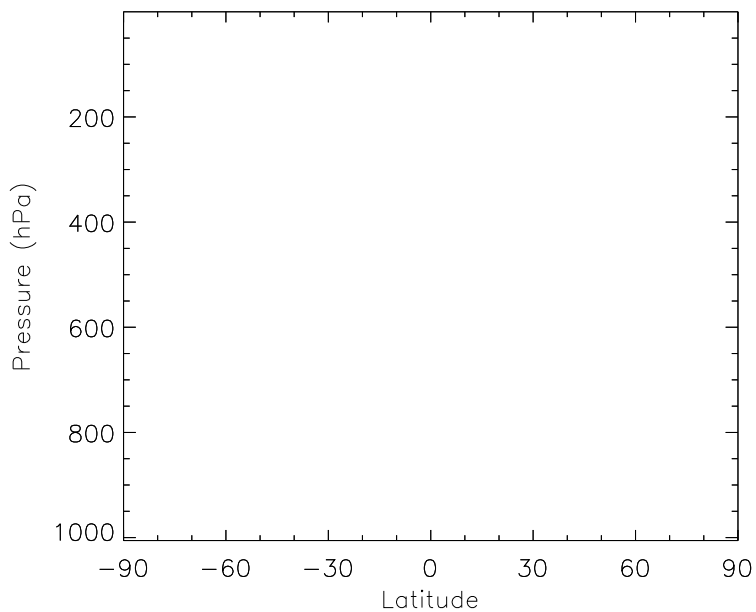
v11-01g-Run0 / v11-01d-Run1

PPN - Zonal mean % diff for Jul

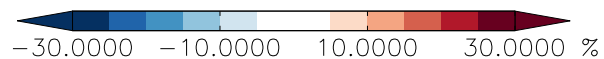
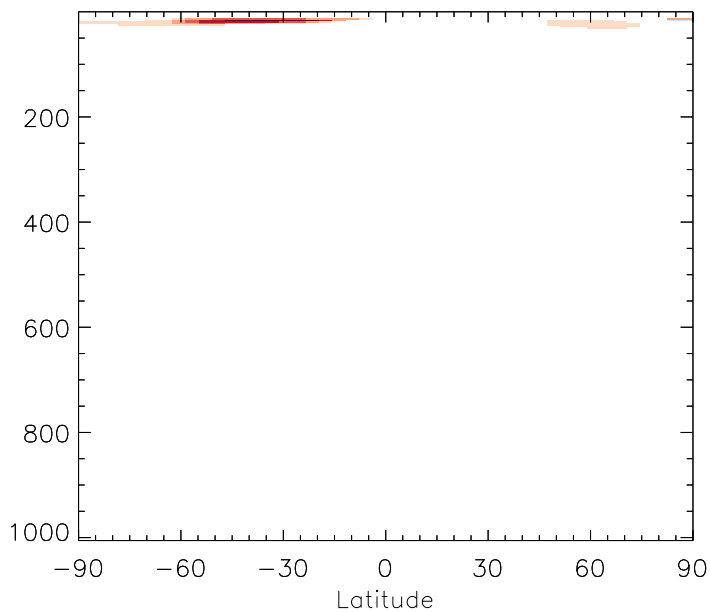


GEOS-Chem Zonal Difference Maps

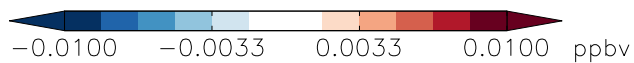
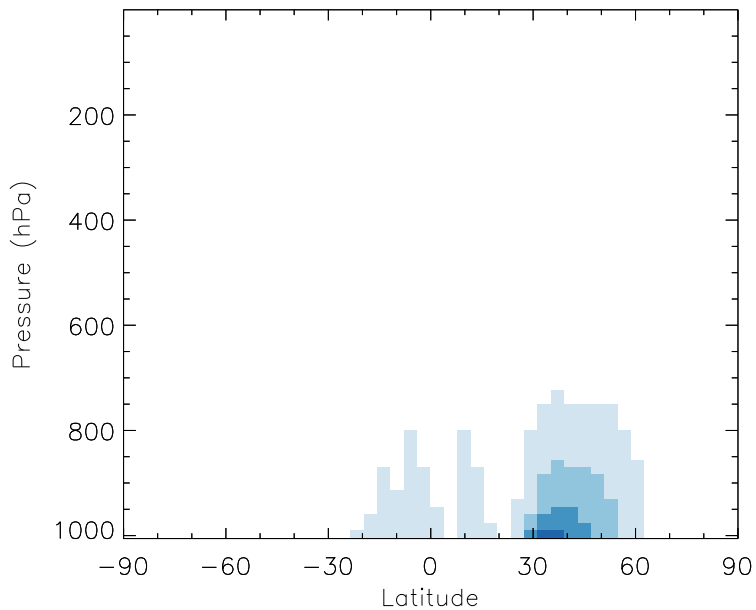
v11-01g-Run0 - v11-01f-geosfp-Run0
R4N2 - Zonal mean abs diff for Jul



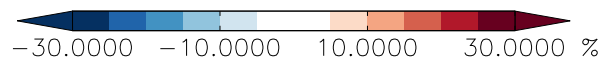
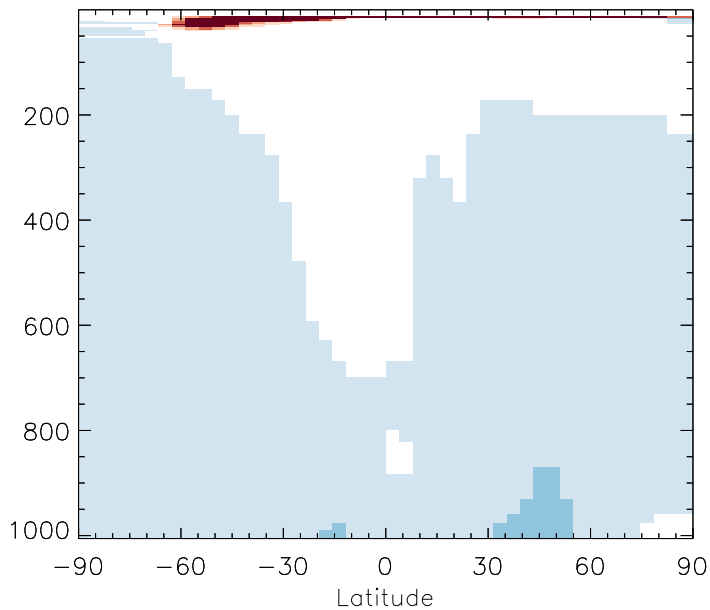
v11-01g-Run0 / v11-01f-geosfp-Run0
R4N2 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
R4N2 - Zonal mean abs diff for Jul

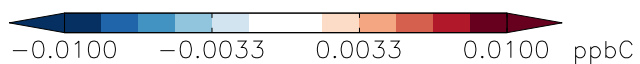
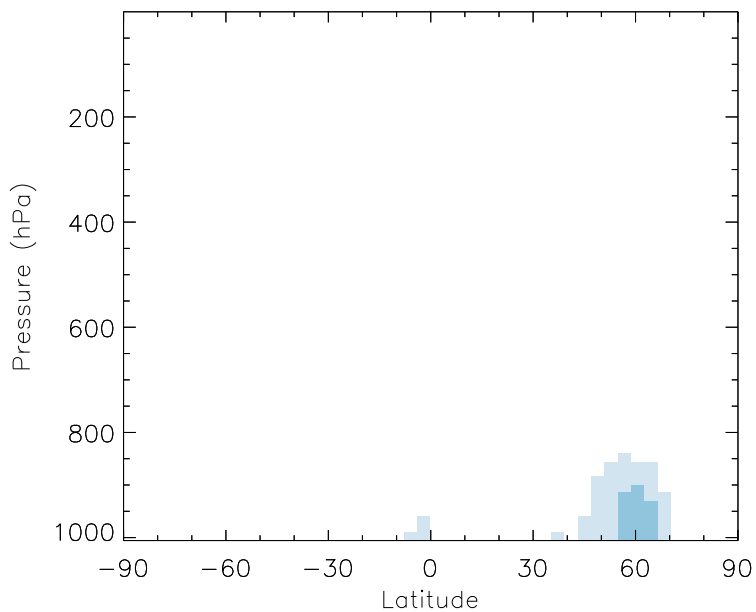


v11-01g-Run0 / v11-01d-Run1
R4N2 - Zonal mean % diff for Jul

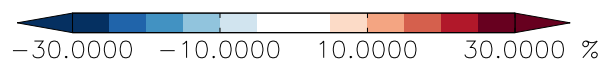
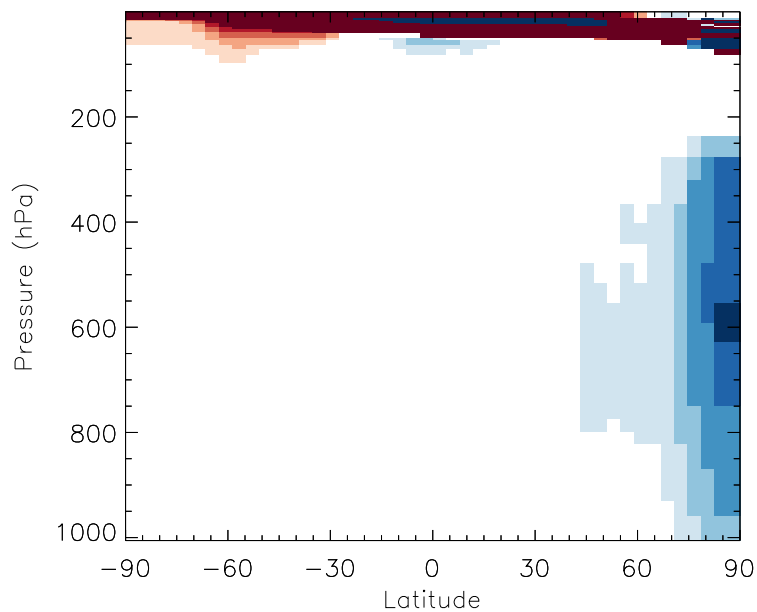


GEOS-Chem Zonal Difference Maps

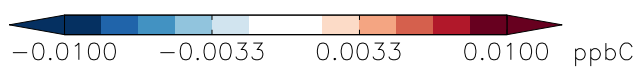
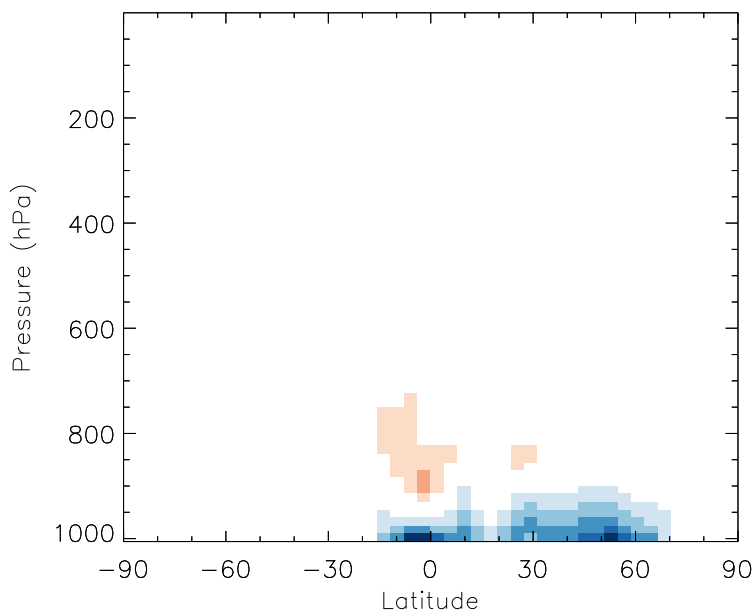
v11-01g-Run0 - v11-01f-geosfp-Run0
PRPE - Zonal mean abs diff for Jul



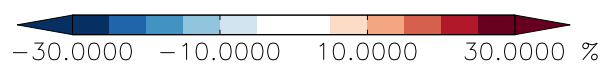
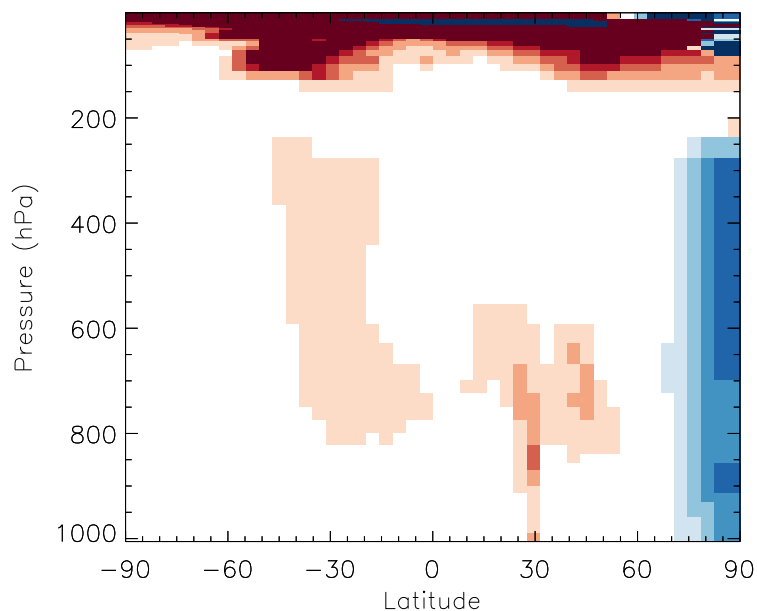
v11-01g-Run0 / v11-01f-geosfp-Run0
PRPE - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
PRPE - Zonal mean abs diff for Jul

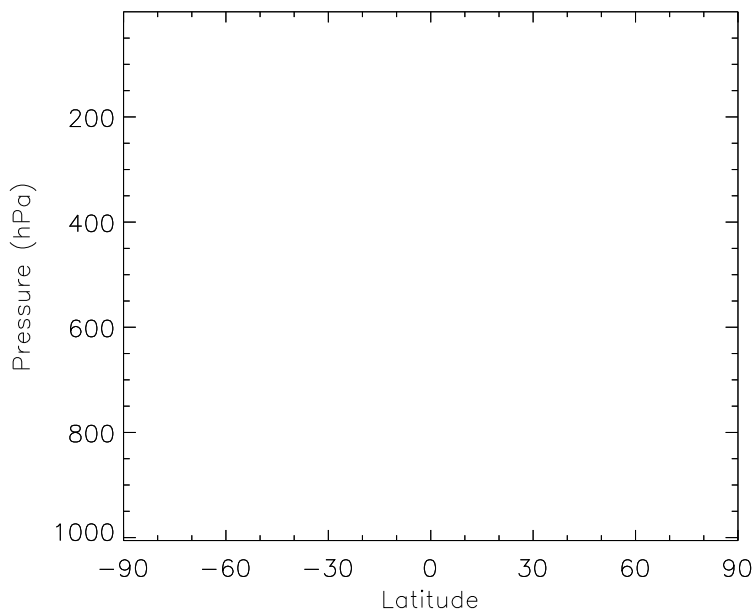


v11-01g-Run0 / v11-01d-Run1
PRPE - Zonal mean % diff for Jul

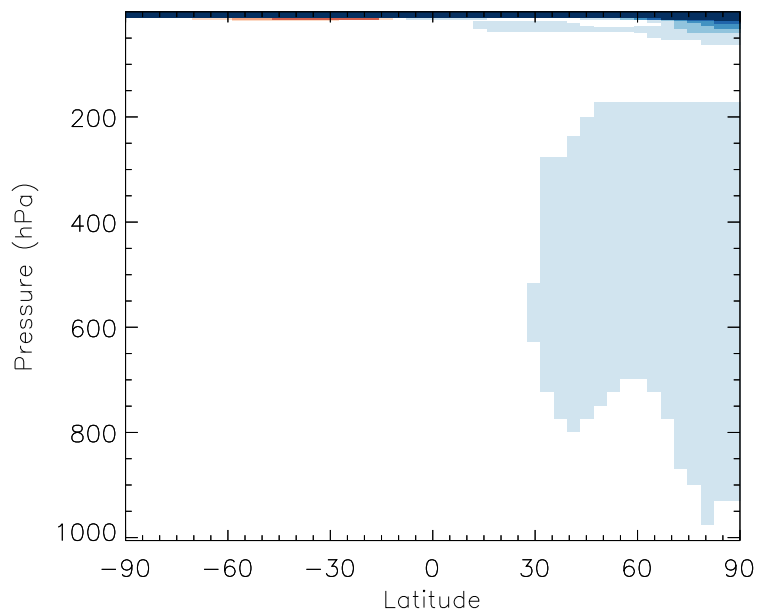


GEOS-Chem Zonal Difference Maps

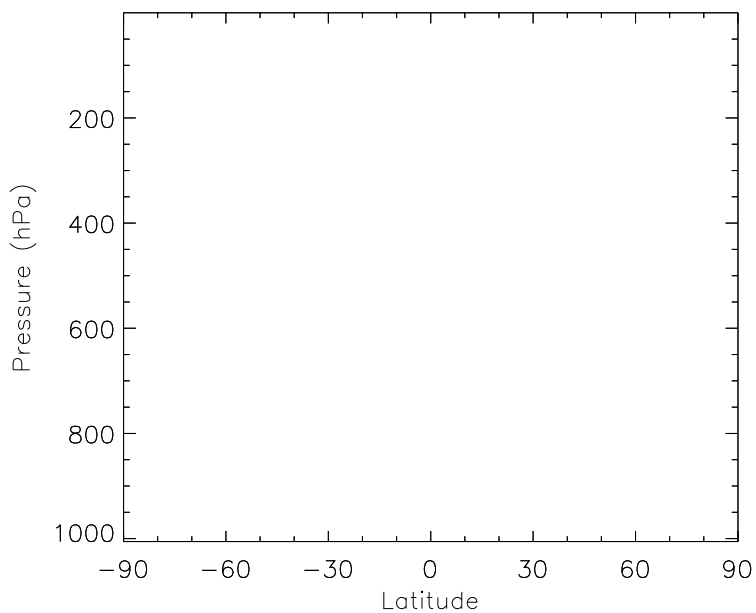
v11-01g-Run0 - v11-01f-geosfp-Run0
C3H8 - Zonal mean abs diff for Jul



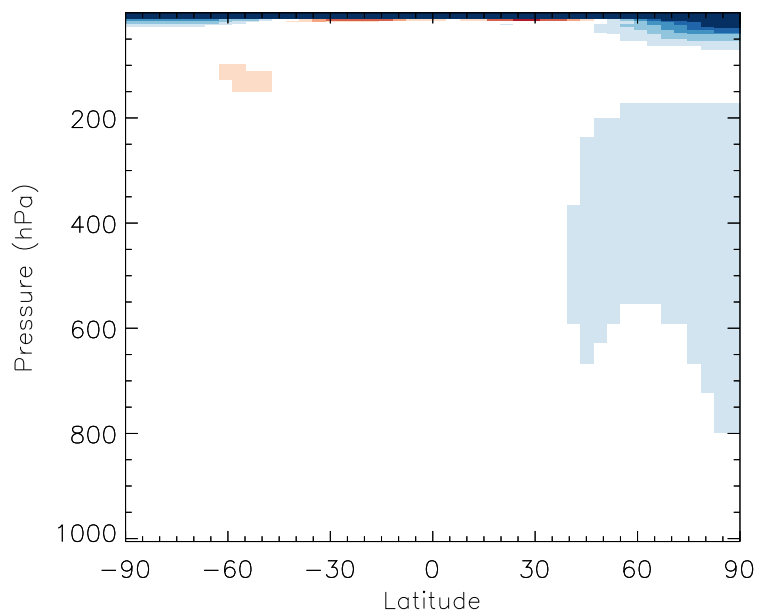
v11-01g-Run0 / v11-01f-geosfp-Run0
C3H8 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
C3H8 - Zonal mean abs diff for Jul



v11-01g-Run0 / v11-01d-Run1
C3H8 - Zonal mean % diff for Jul



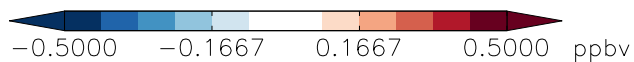
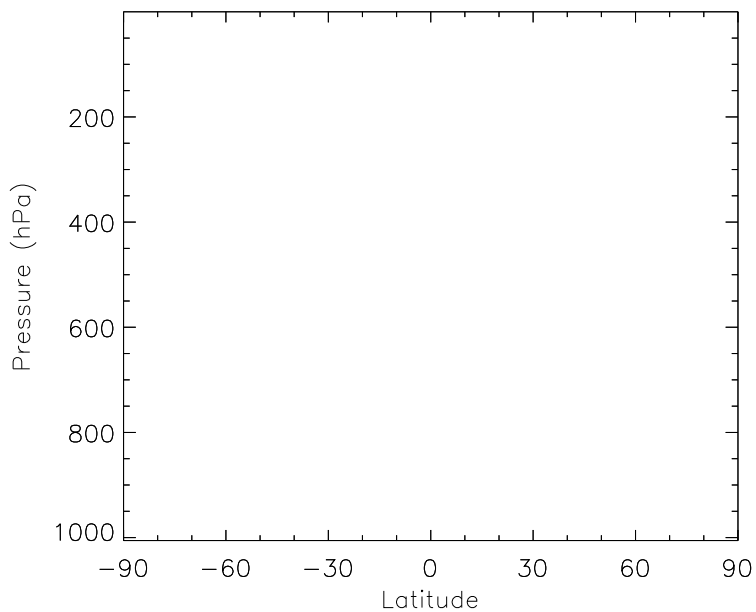
-0.5000 -0.1667 0.1667 0.5000 ppbC

-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

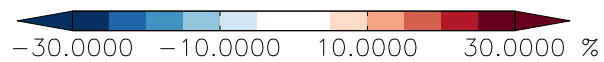
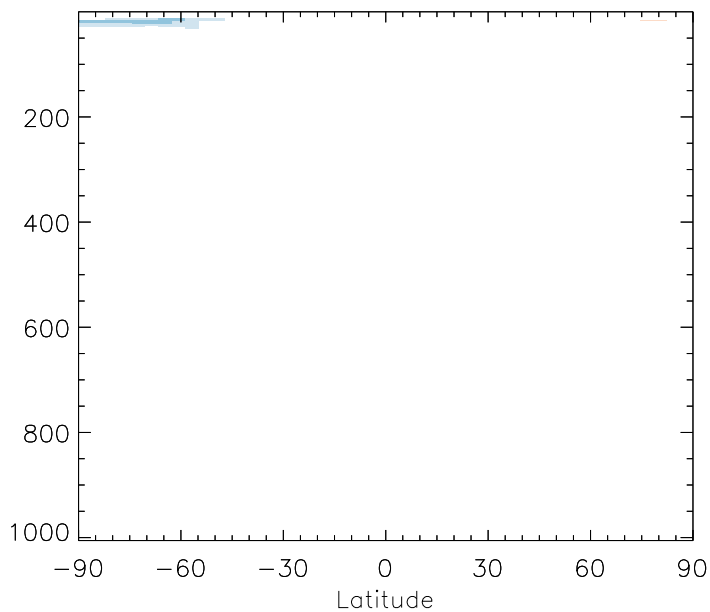
v11-01g-Run0 - v11-01f-geosfp-Run0

CH2O - Zonal mean abs diff for Jul



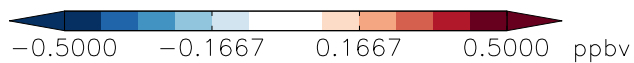
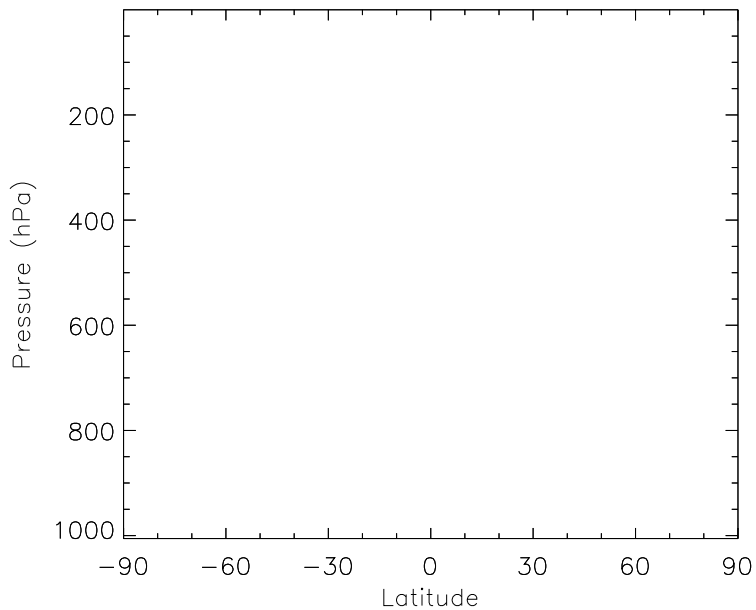
v11-01g-Run0 / v11-01f-geosfp-Run0

CH2O - Zonal mean % diff for Jul



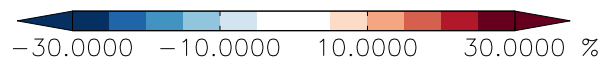
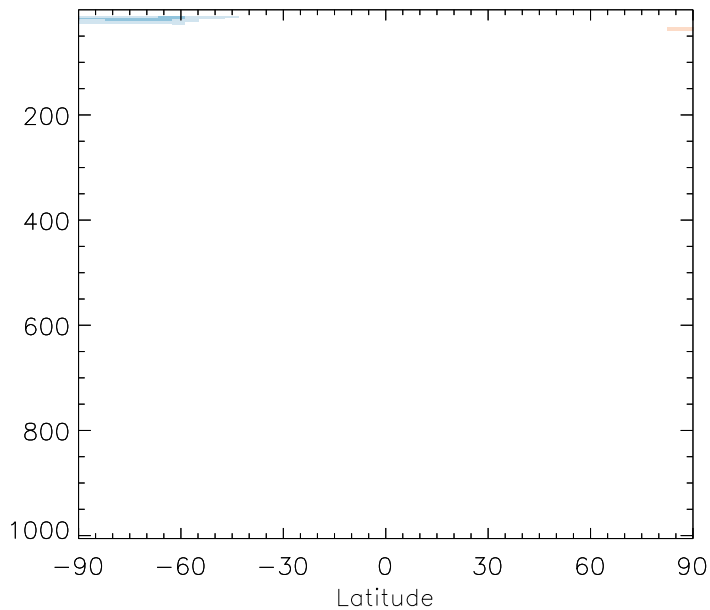
v11-01g-Run0 - v11-01d-Run1

CH2O - Zonal mean abs diff for Jul



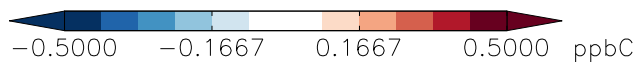
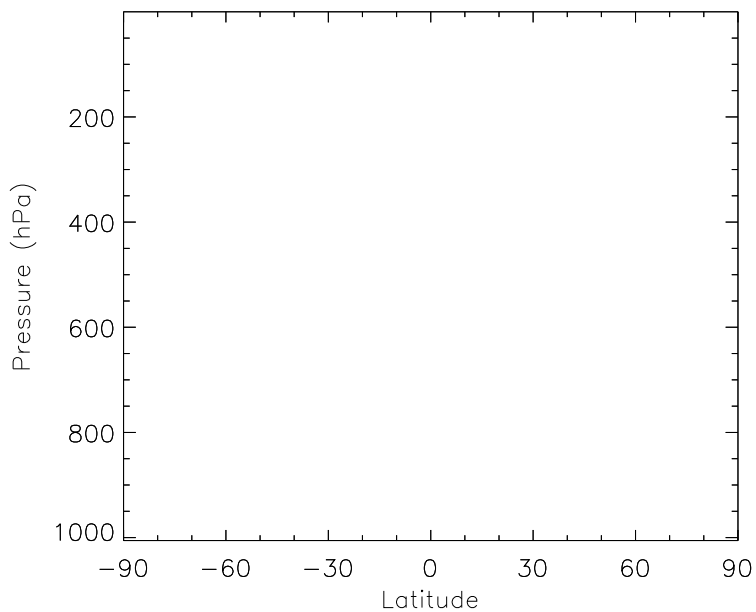
v11-01g-Run0 / v11-01d-Run1

CH2O - Zonal mean % diff for Jul

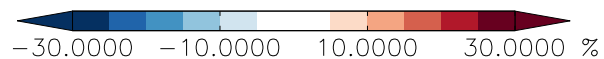
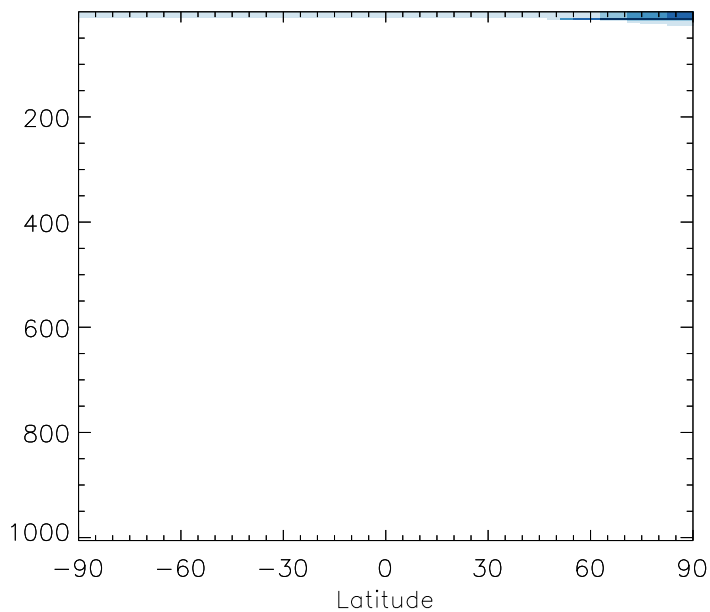


GEOS-Chem Zonal Difference Maps

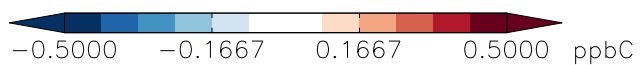
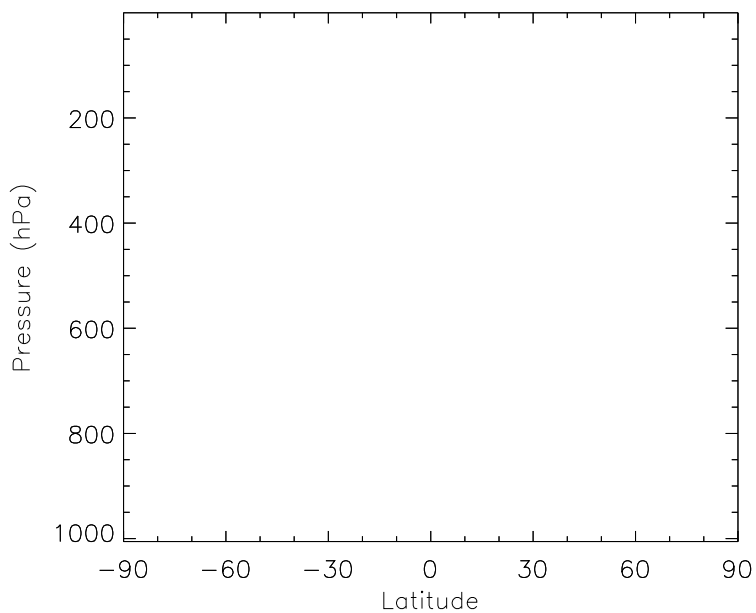
v11-01g-Run0 - v11-01f-geosfp-Run0
C2H6 - Zonal mean abs diff for Jul



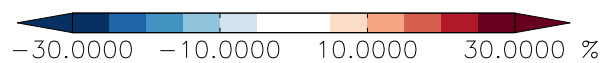
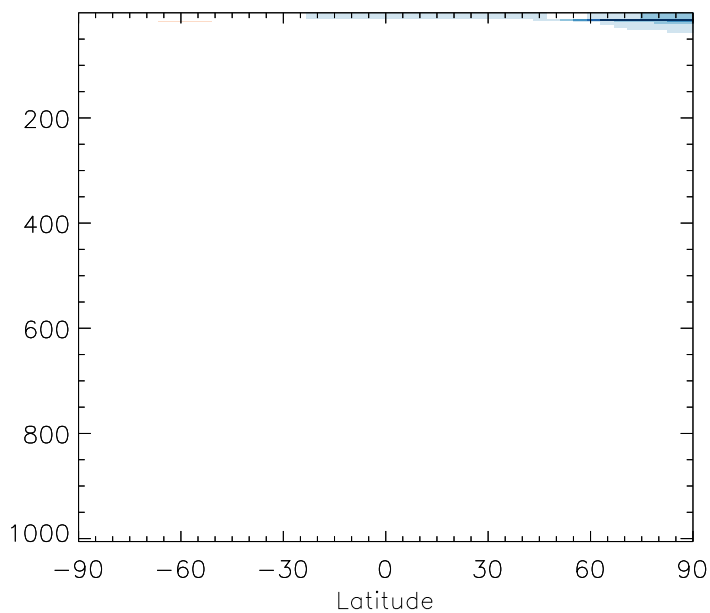
v11-01g-Run0 / v11-01f-geosfp-Run0
C2H6 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
C2H6 - Zonal mean abs diff for Jul

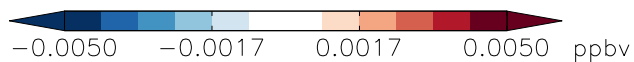
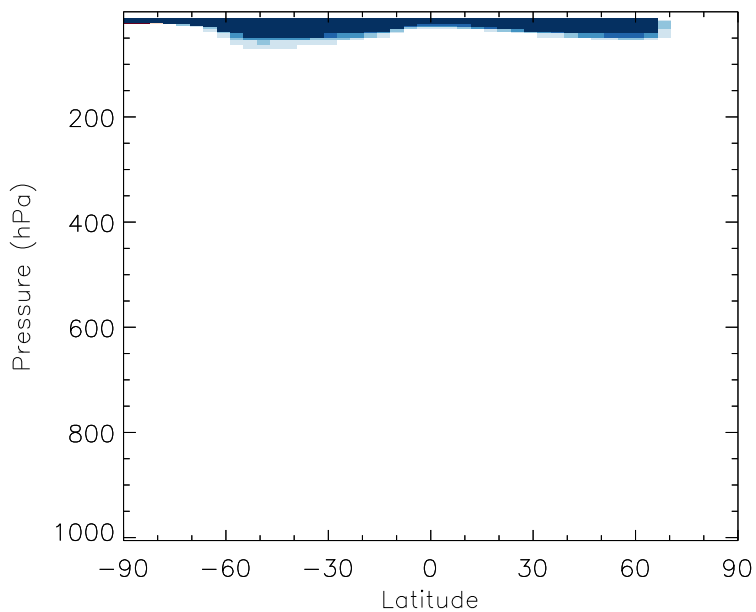


v11-01g-Run0 / v11-01d-Run1
C2H6 - Zonal mean % diff for Jul

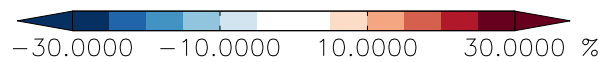
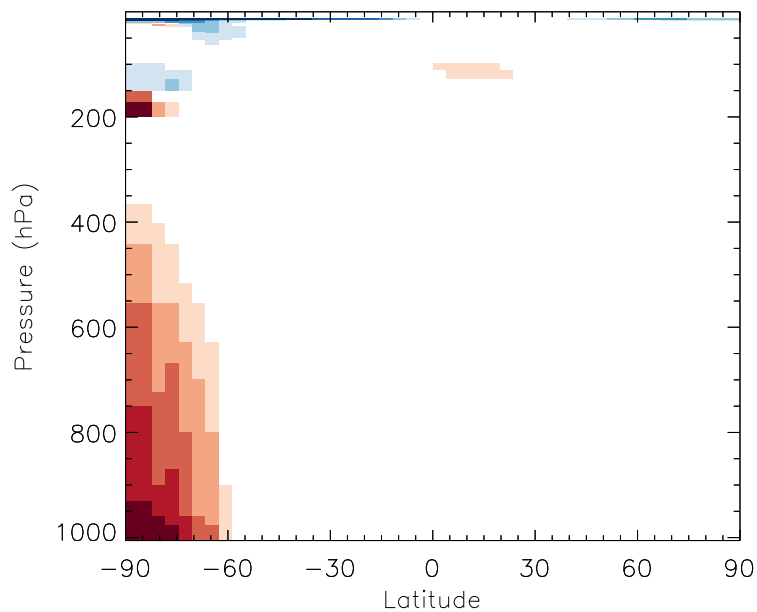


GEOS-Chem Zonal Difference Maps

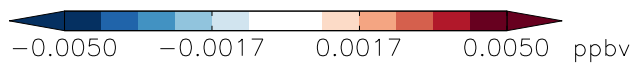
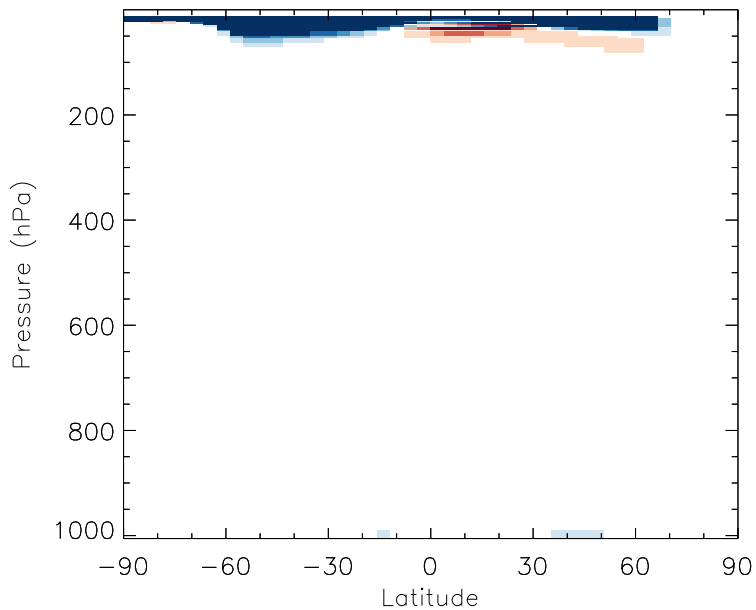
v11-01g-Run0 - v11-01f-geosfp-Run0
N2O5 - Zonal mean abs diff for Jul



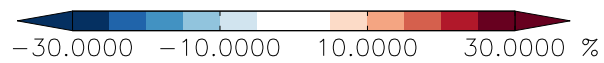
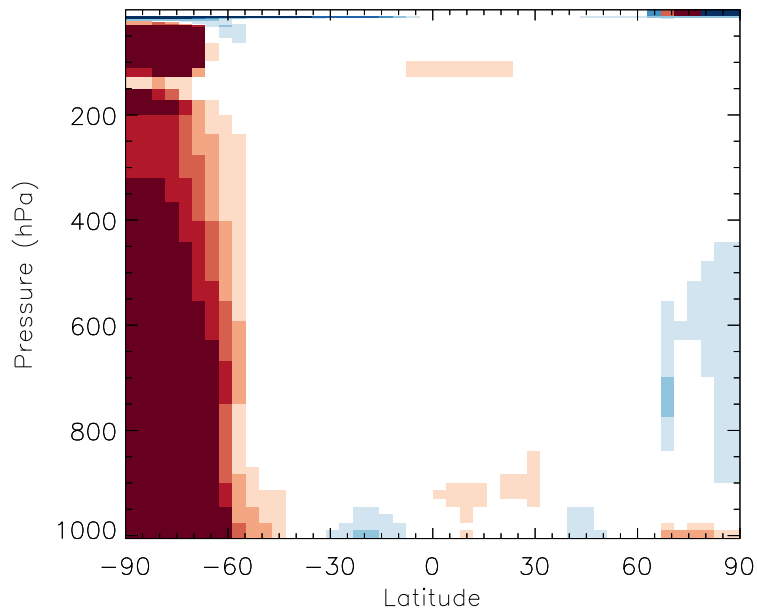
v11-01g-Run0 / v11-01f-geosfp-Run0
N2O5 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
N2O5 - Zonal mean abs diff for Jul



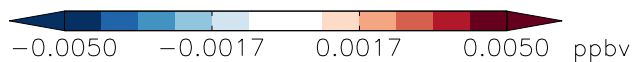
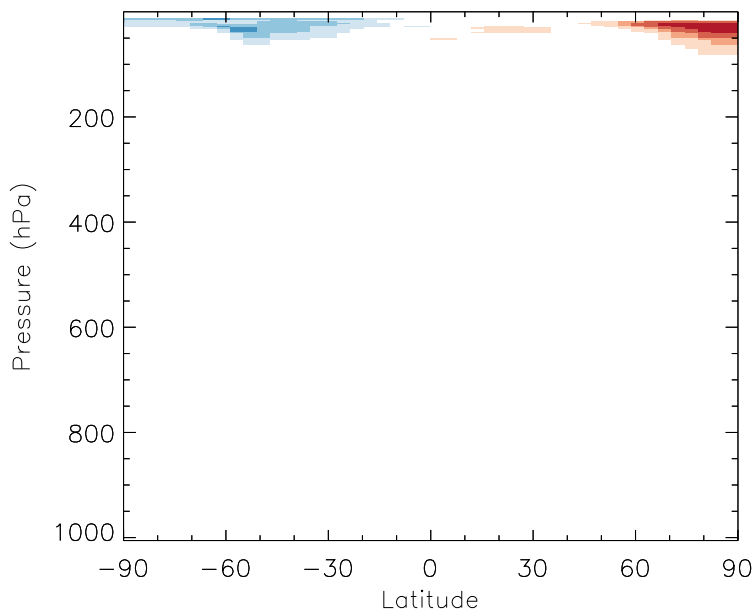
v11-01g-Run0 / v11-01d-Run1
N2O5 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

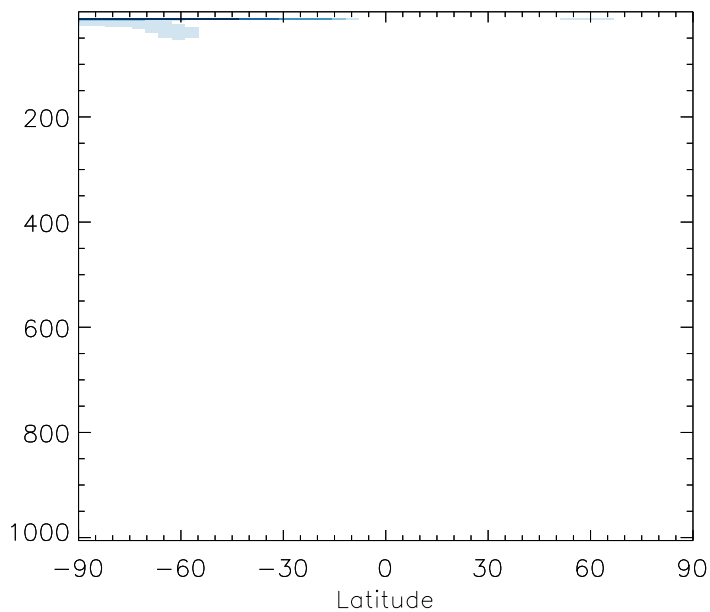
v11-01g-Run0 - v11-01f-geosfp-Run0

HN04 - Zonal mean abs diff for Jul



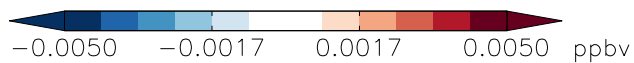
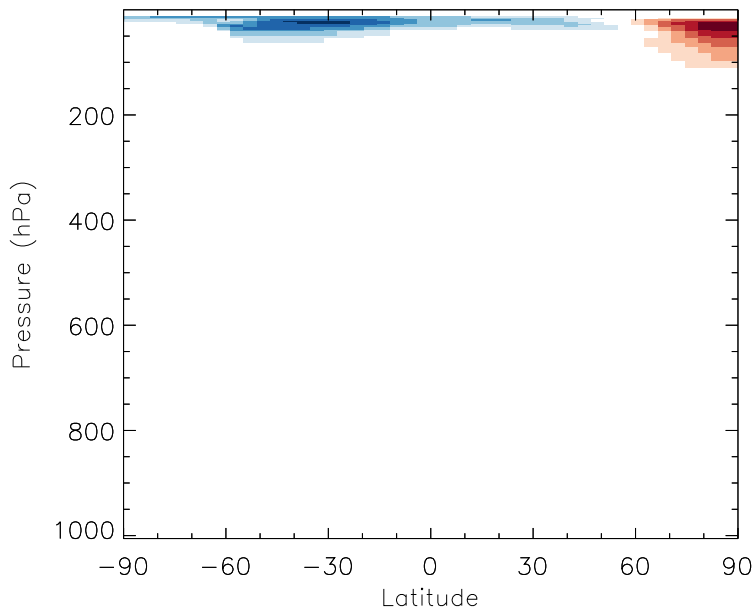
v11-01g-Run0 / v11-01f-geosfp-Run0

HN04 - Zonal mean % diff for Jul



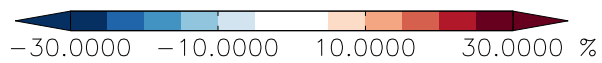
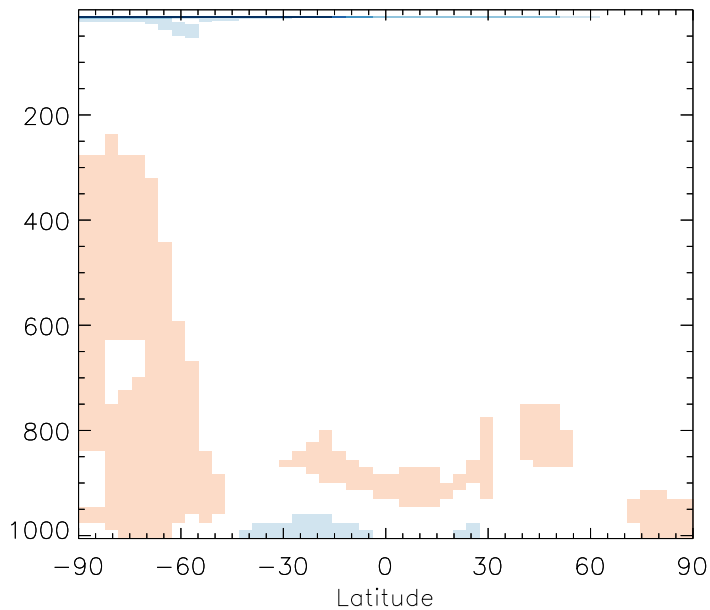
v11-01g-Run0 - v11-01d-Run1

HN04 - Zonal mean abs diff for Jul



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

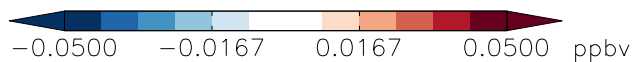
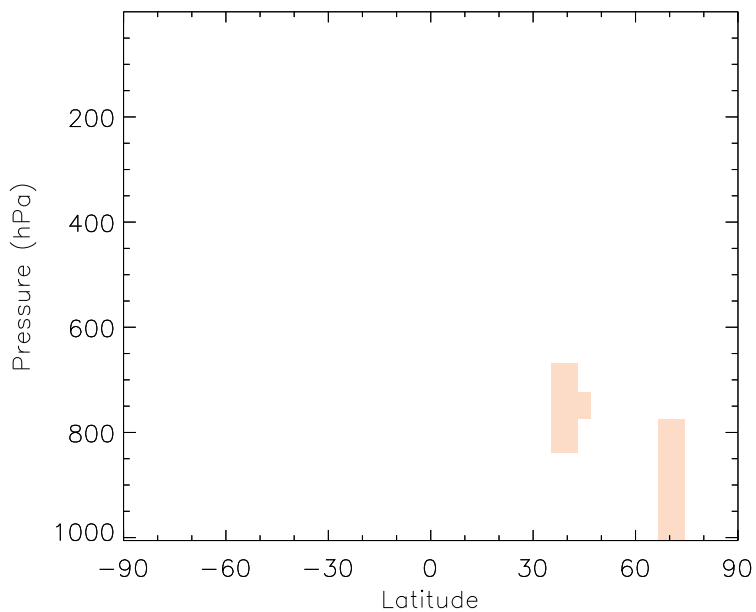
HN04 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

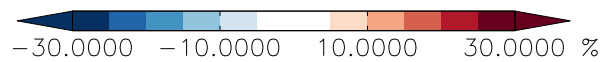
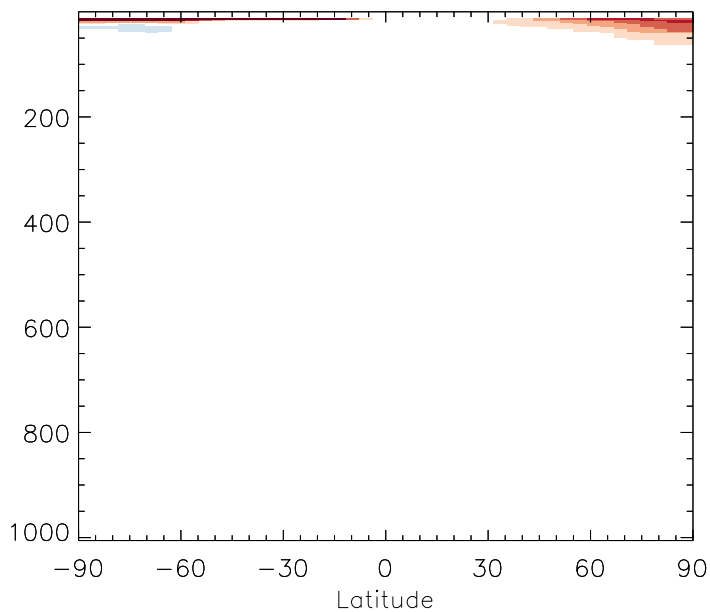
v11-01g-Run0 - v11-01f-geosfp-Run0

MP - Zonal mean abs diff for Jul



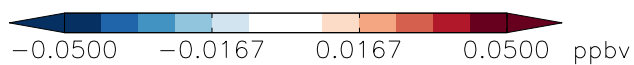
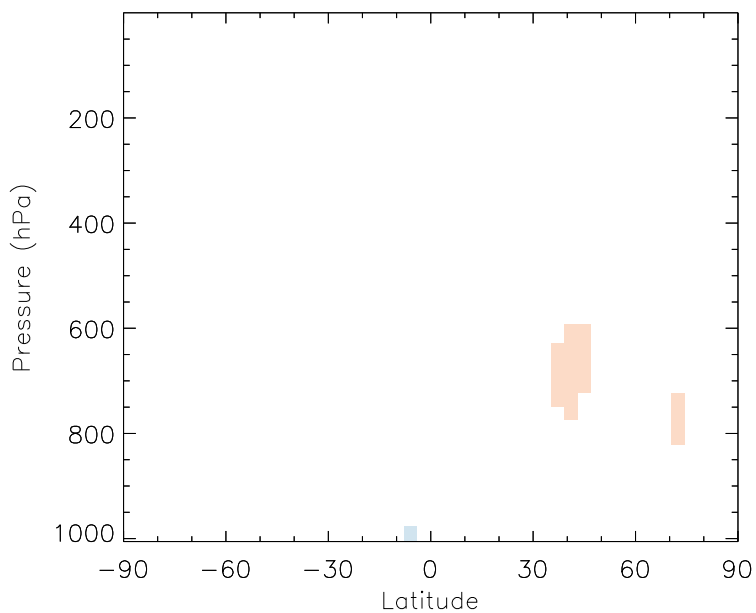
v11-01g-Run0 / v11-01f-geosfp-Run0

MP - Zonal mean % diff for Jul



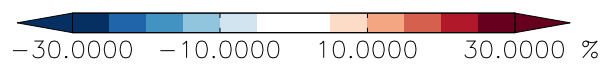
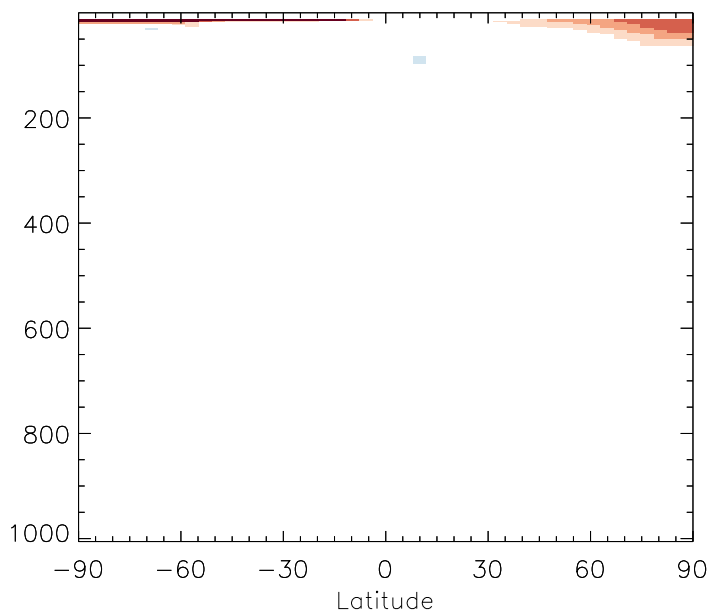
v11-01g-Run0 - v11-01d-Run1

MP - Zonal mean abs diff for Jul



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

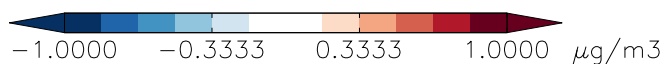
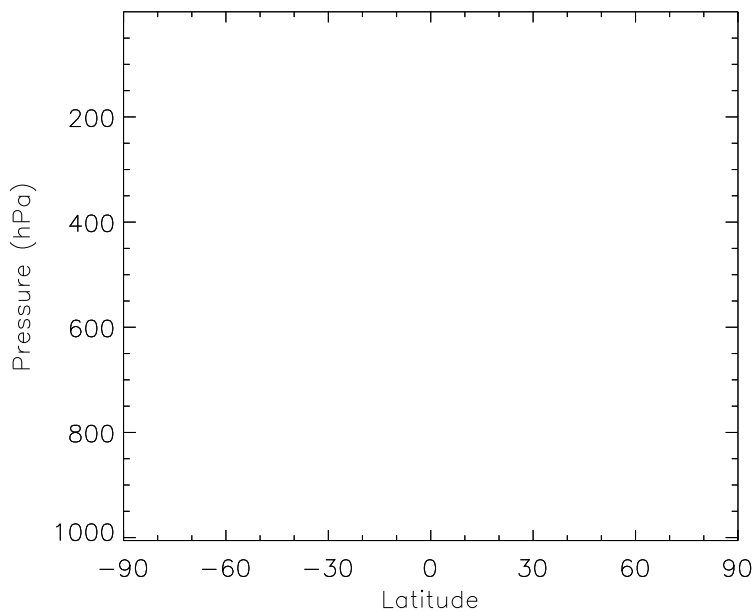
MP - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

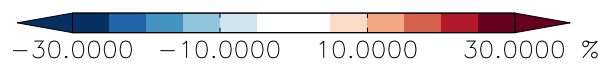
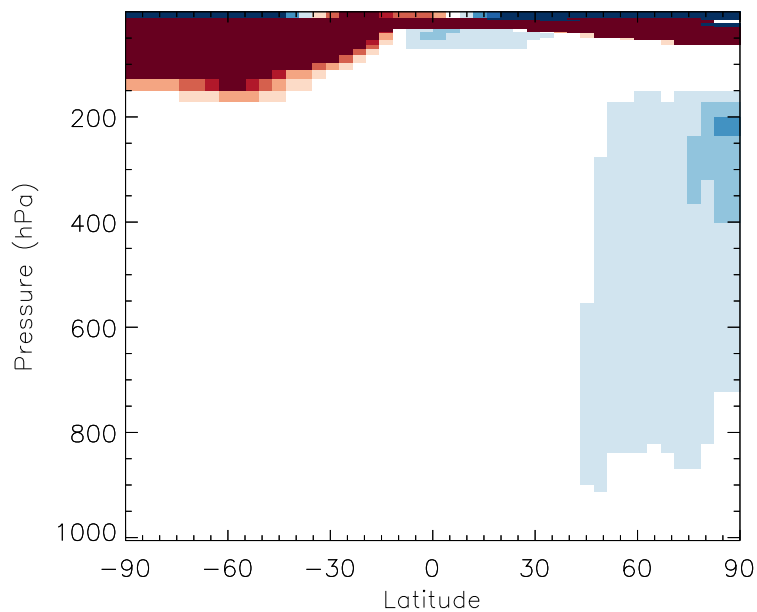
v11-01g-Run0 - v11-01f-geosfp-Run0

DMS - Zonal mean abs diff for Jul



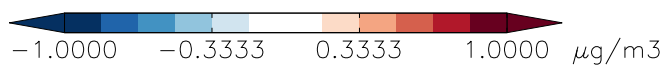
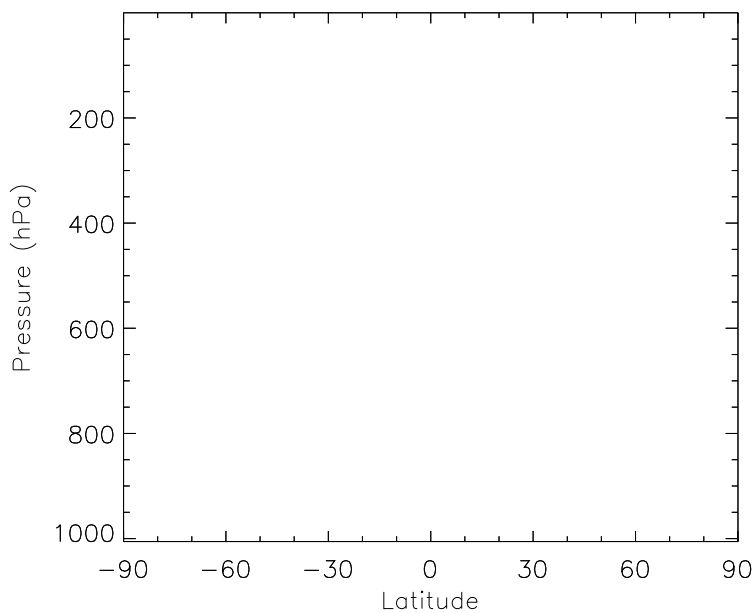
v11-01g-Run0 / v11-01f-geosfp-Run0

DMS - Zonal mean % diff for Jul



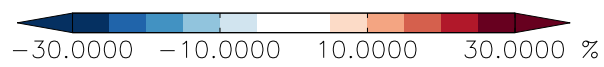
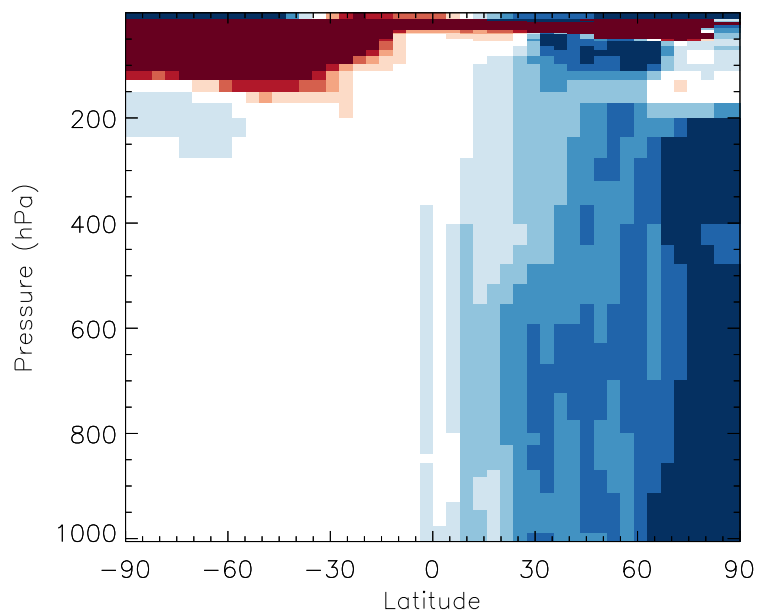
v11-01g-Run0 - v11-01d-Run1

DMS - Zonal mean abs diff for Jul



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

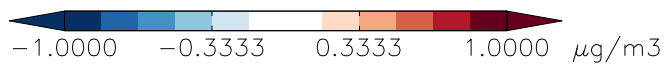
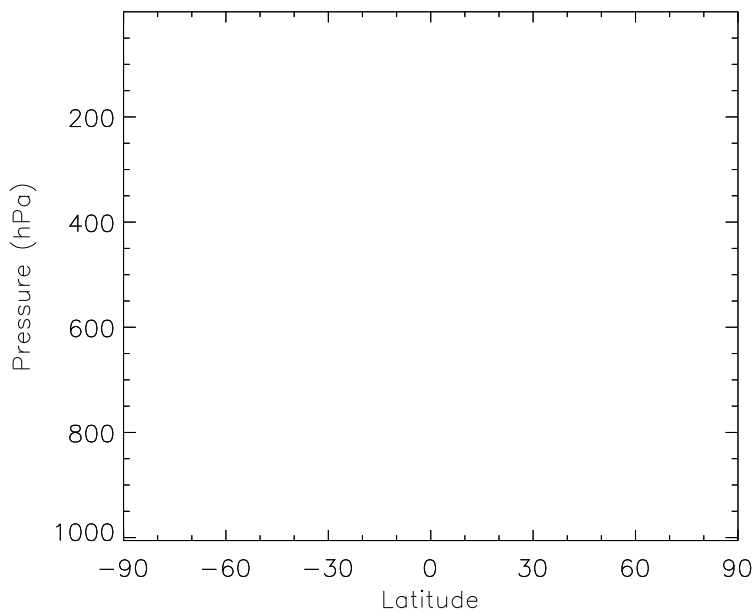
DMS - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

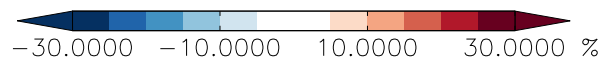
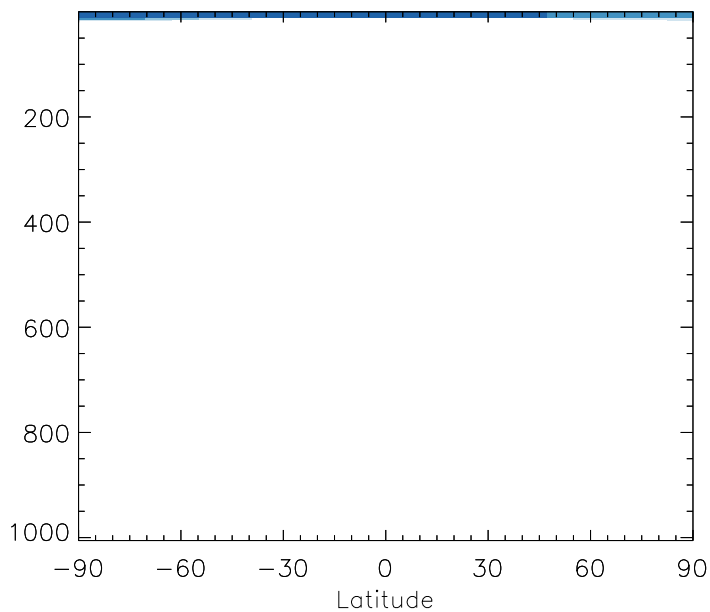
v11-01g-Run0 - v11-01f-geosfp-Run0

SO₂ - Zonal mean abs diff for Jul



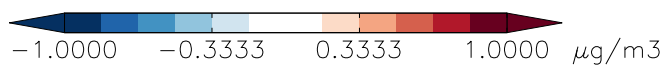
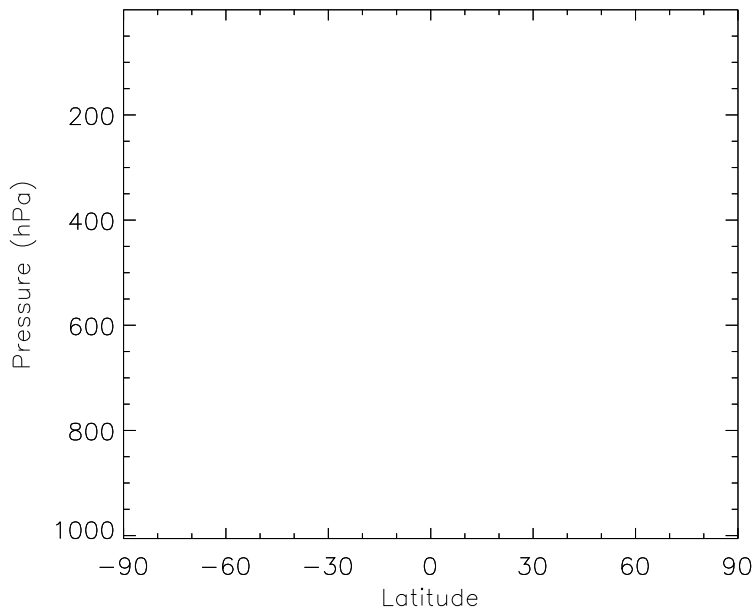
v11-01g-Run0 / v11-01f-geosfp-Run0

SO₂ - Zonal mean % diff for Jul



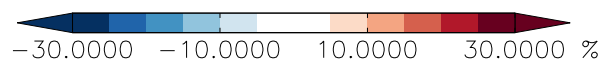
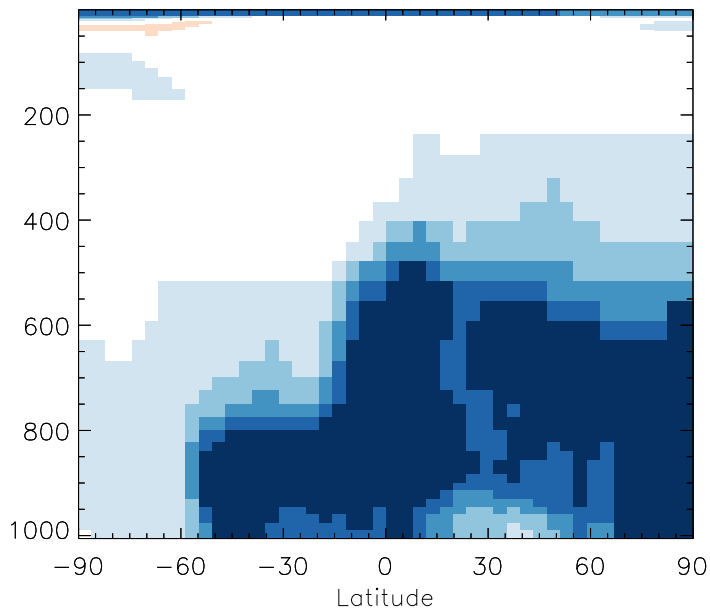
v11-01g-Run0 - v11-01d-Run1

SO₂ - Zonal mean abs diff for Jul



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

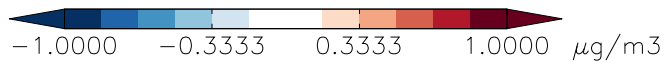
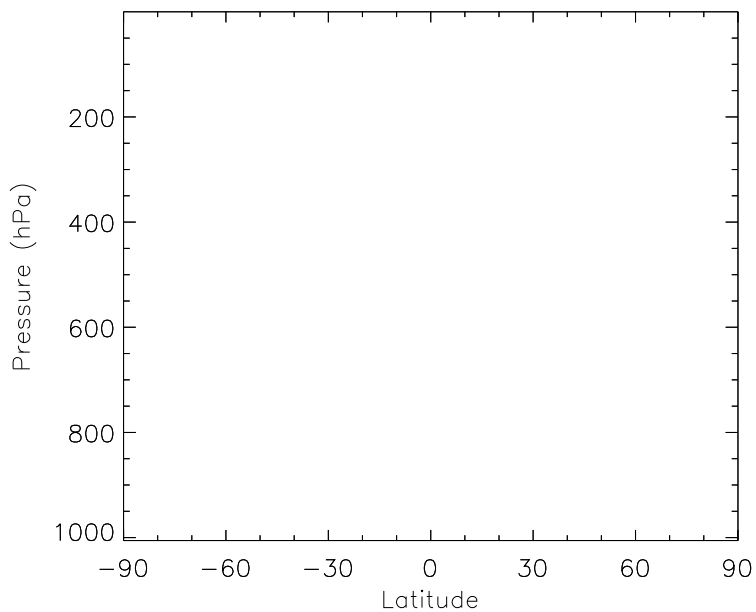
SO₂ - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

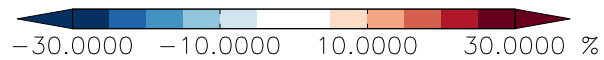
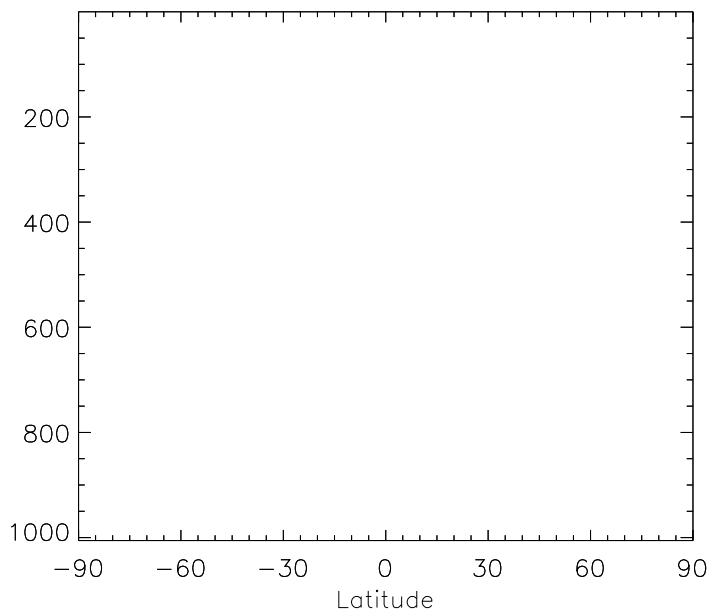
v11-01g-Run0 - v11-01f-geosfp-Run0

SO4 - Zonal mean abs diff for Jul



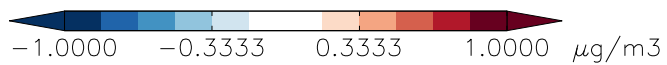
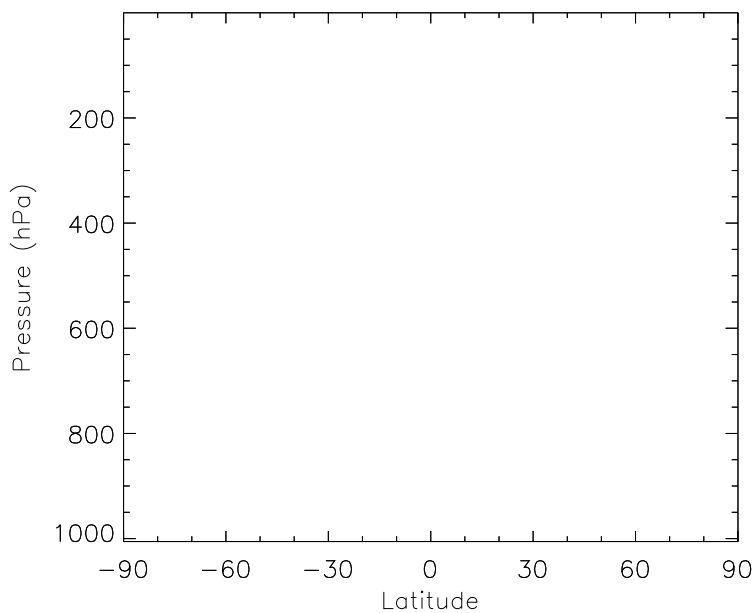
v11-01g-Run0 / v11-01f-geosfp-Run0

SO4 - Zonal mean % diff for Jul



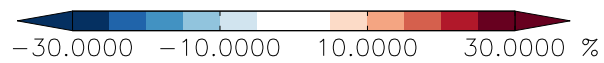
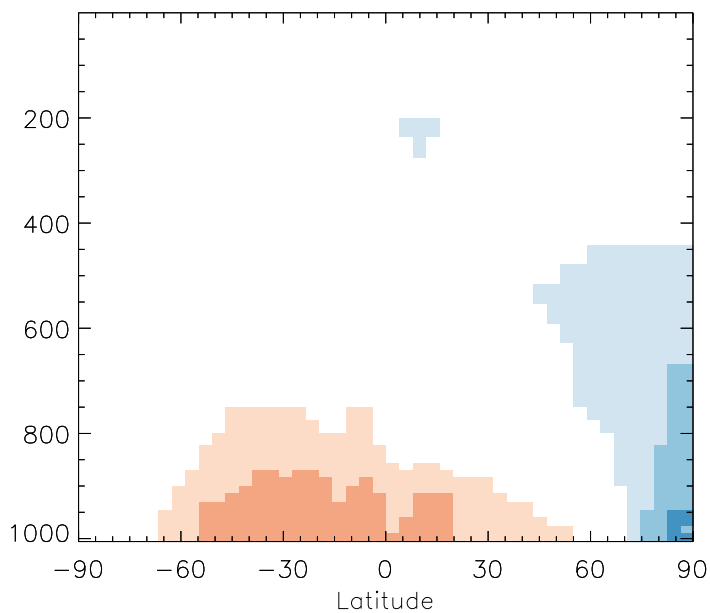
v11-01g-Run0 - v11-01d-Run1

SO4 - Zonal mean abs diff for Jul



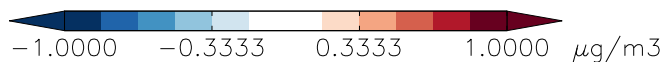
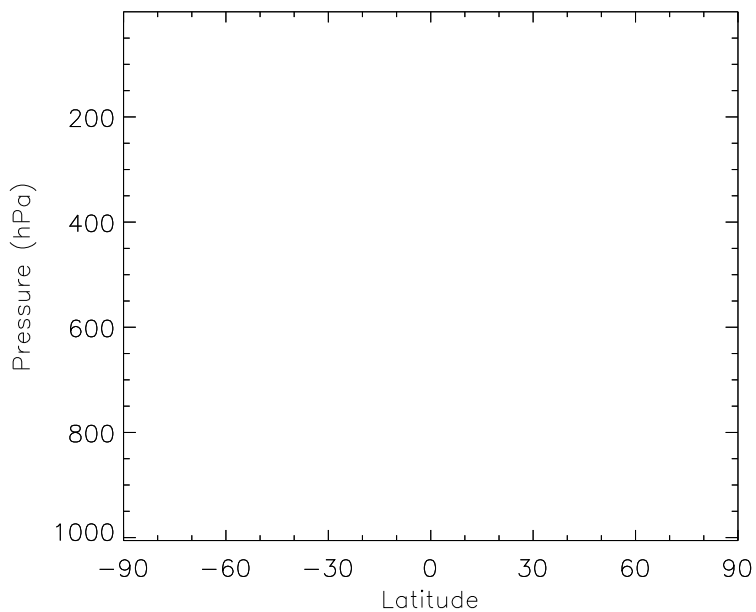
v11-01g-Run0 / v11-01d-Run1

SO4 - Zonal mean % diff for Jul

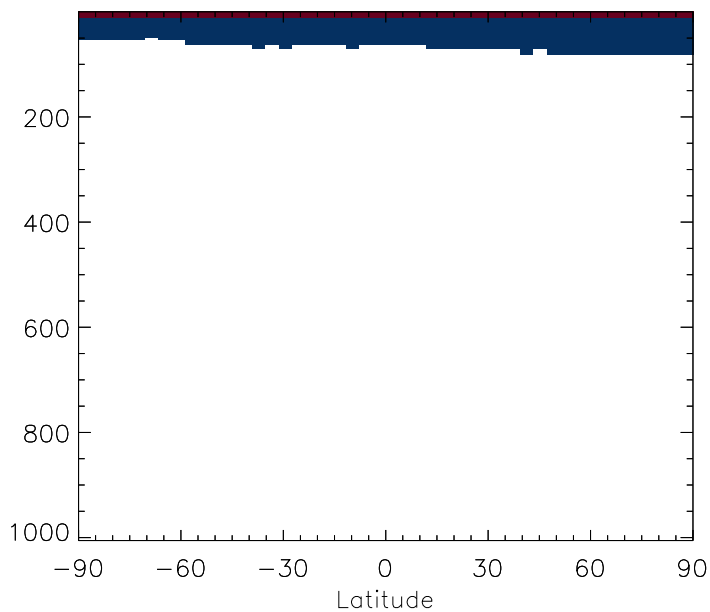


GEOS-Chem Zonal Difference Maps

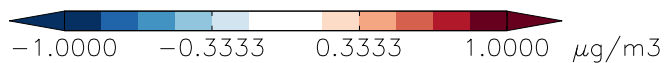
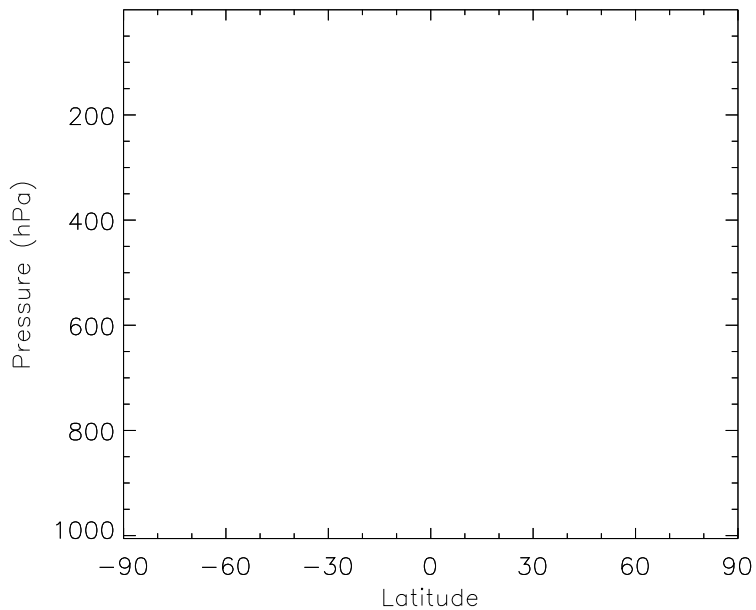
v11-01g-Run0 - v11-01f-geosfp-Run0
SO4s - Zonal mean abs diff for Jul



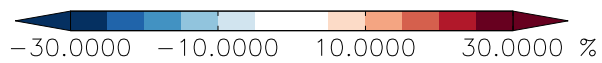
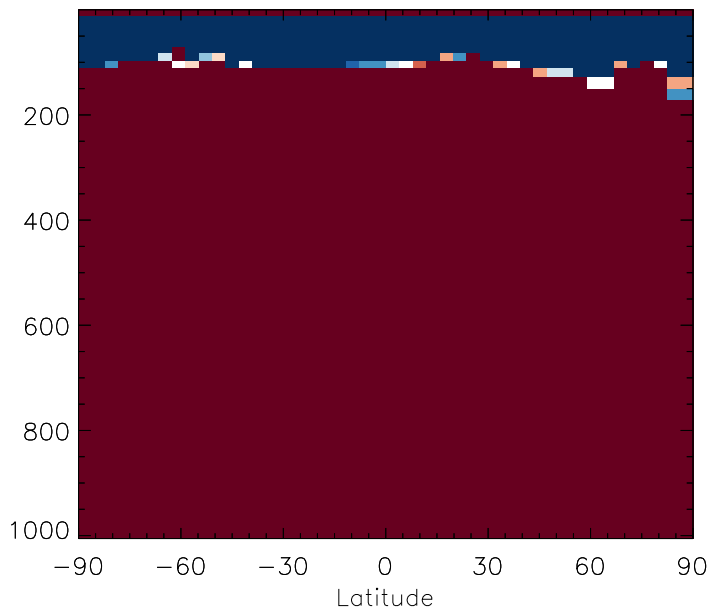
v11-01g-Run0 / v11-01f-geosfp-Run0
SO4s - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
SO4s - Zonal mean abs diff for Jul



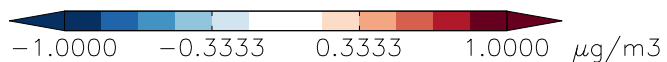
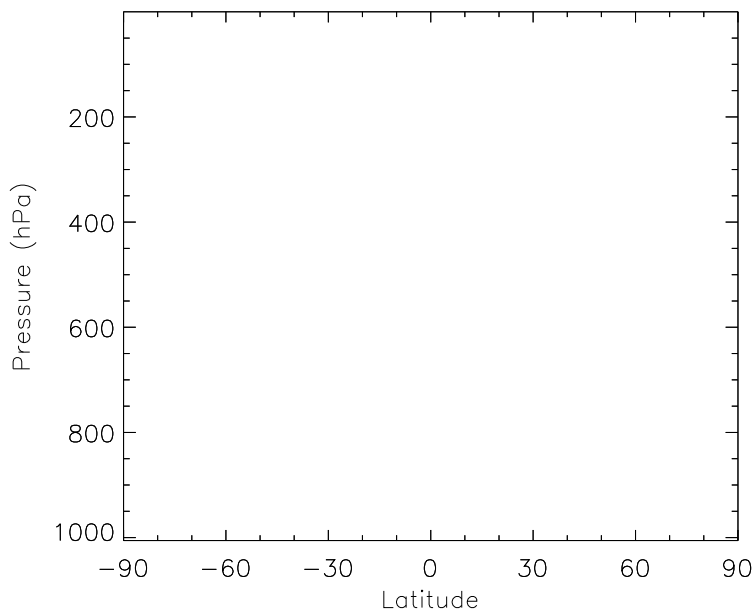
v11-01g-Run0 / v11-01d-Run1
SO4s - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

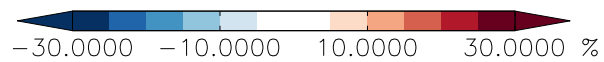
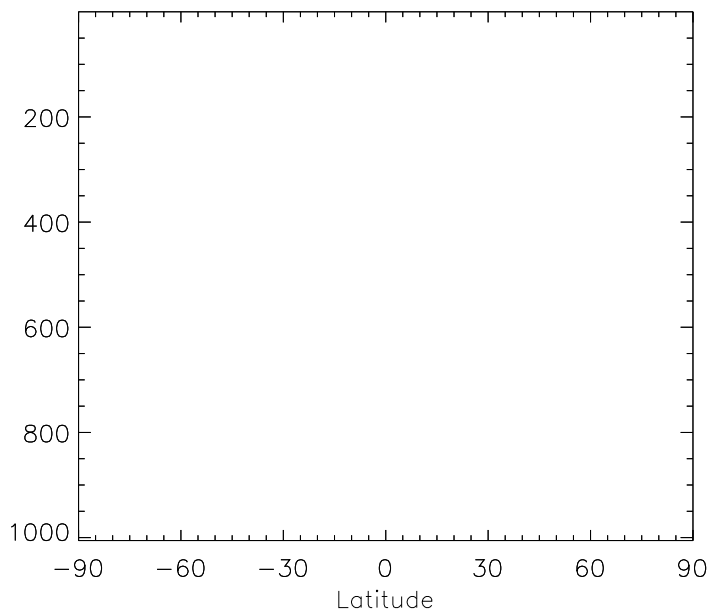
v11-01g-Run0 - v11-01f-geosfp-Run0

MSA - Zonal mean abs diff for Jul



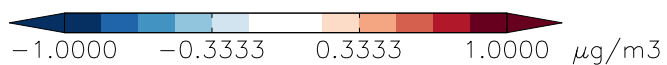
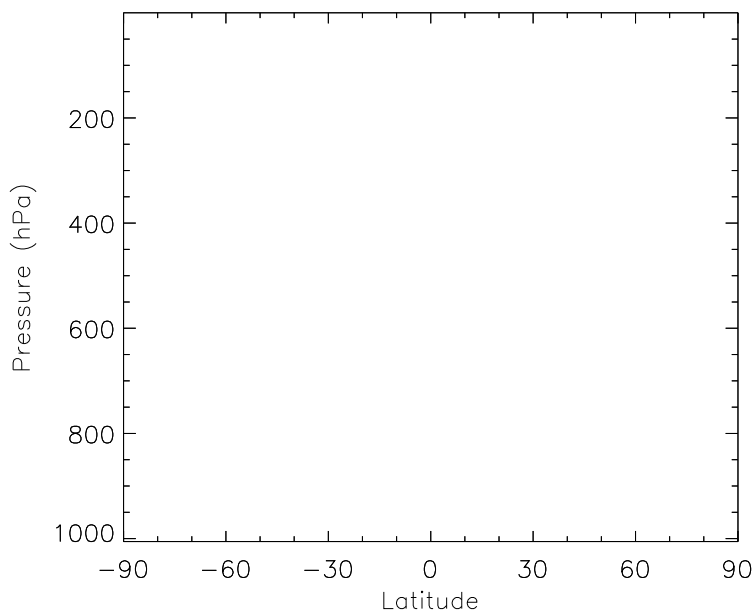
v11-01g-Run0 / v11-01f-geosfp-Run0

MSA - Zonal mean % diff for Jul



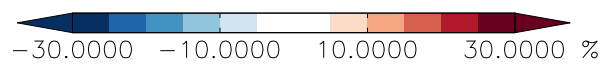
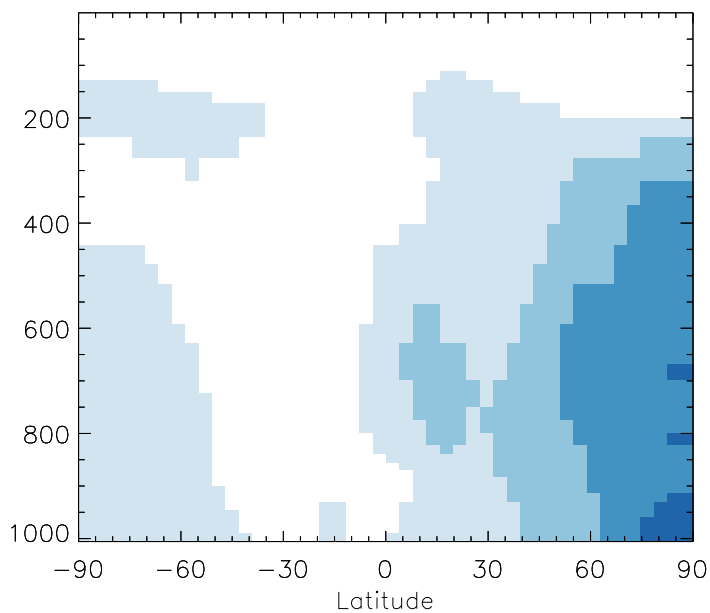
v11-01g-Run0 - v11-01d-Run1

MSA - Zonal mean abs diff for Jul



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

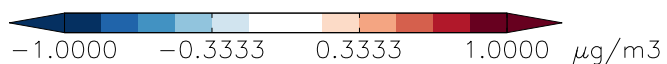
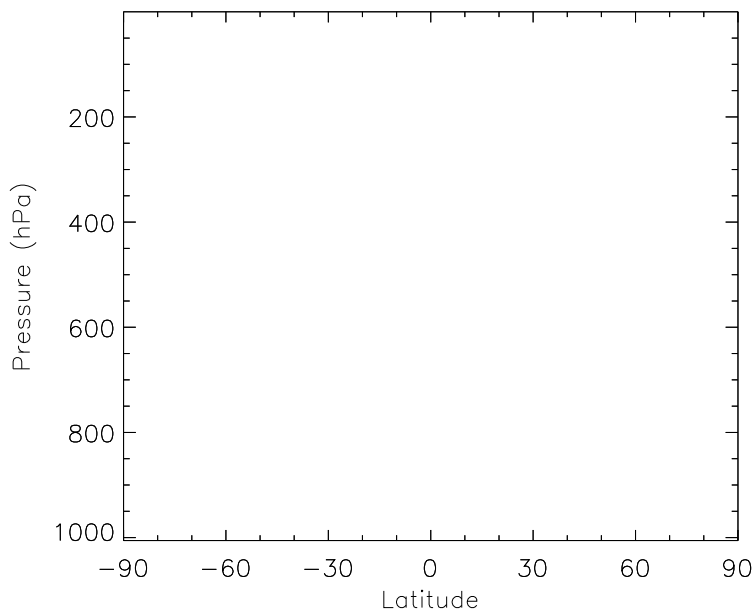
MSA - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

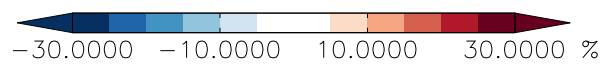
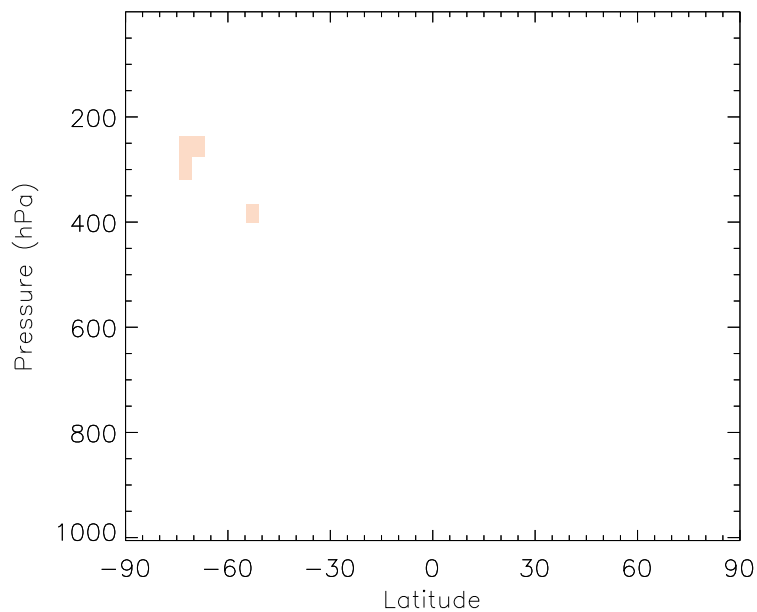
v11-01g-Run0 - v11-01f-geosfp-Run0

NH3 - Zonal mean abs diff for Jul



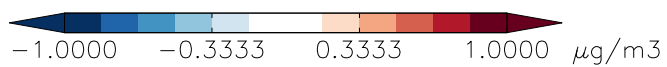
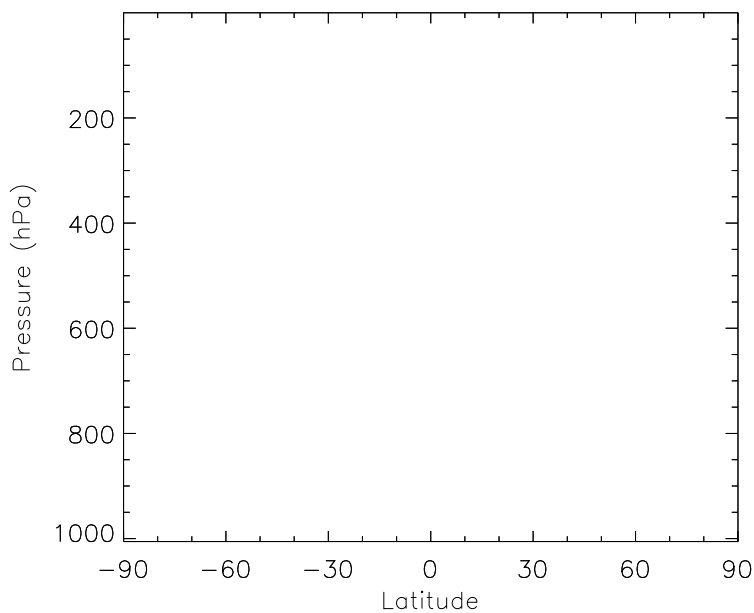
v11-01g-Run0 / v11-01f-geosfp-Run0

NH3 - Zonal mean % diff for Jul



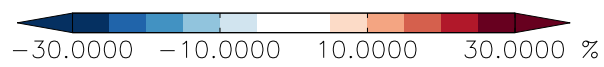
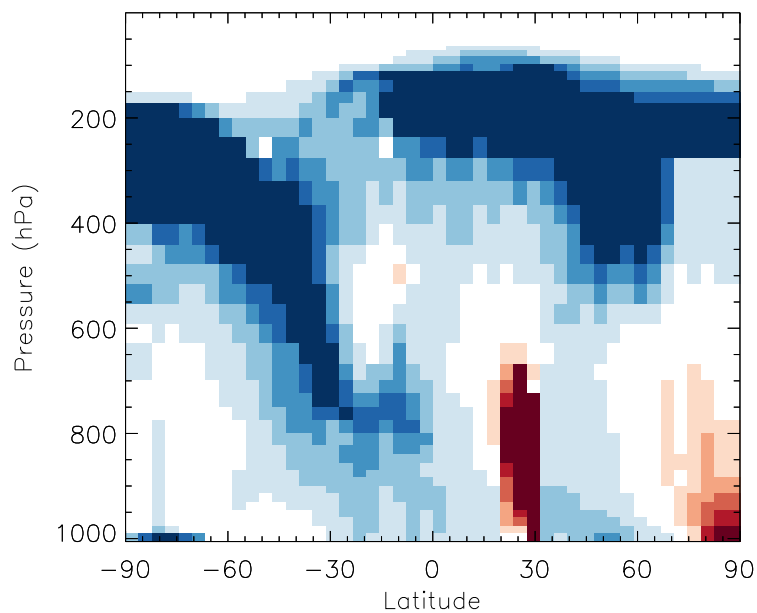
v11-01g-Run0 - v11-01d-Run1

NH3 - Zonal mean abs diff for Jul



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

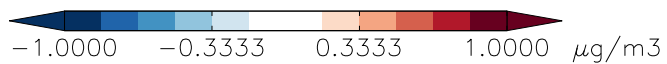
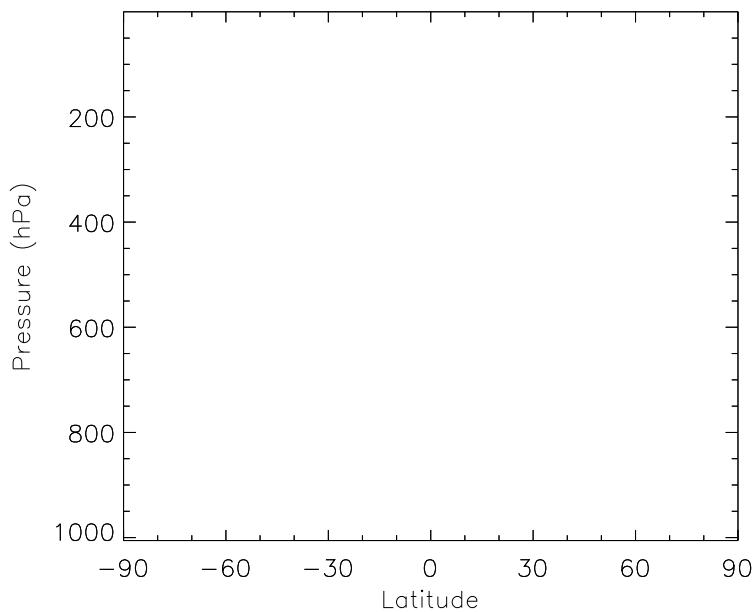
NH3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

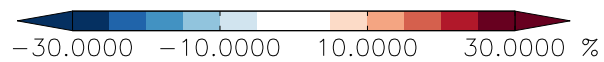
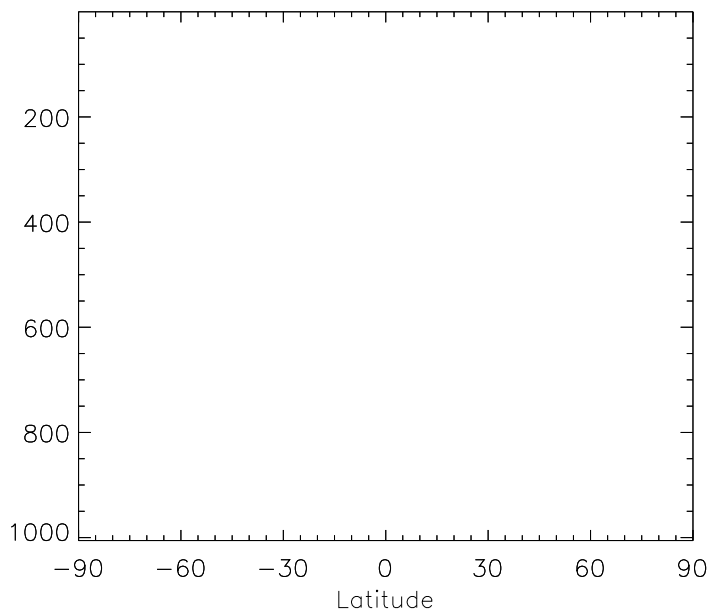
v11-01g-Run0 - v11-01f-geosfp-Run0

NH4 - Zonal mean abs diff for Jul



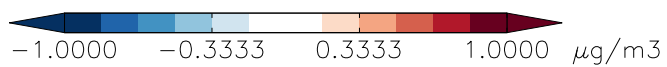
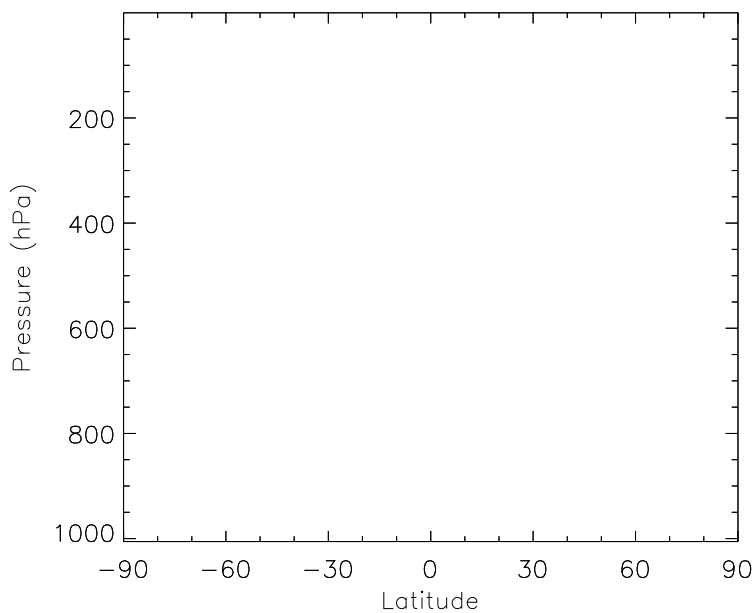
v11-01g-Run0 / v11-01f-geosfp-Run0

NH4 - Zonal mean % diff for Jul



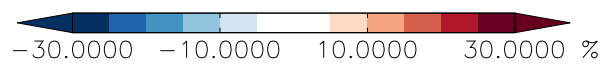
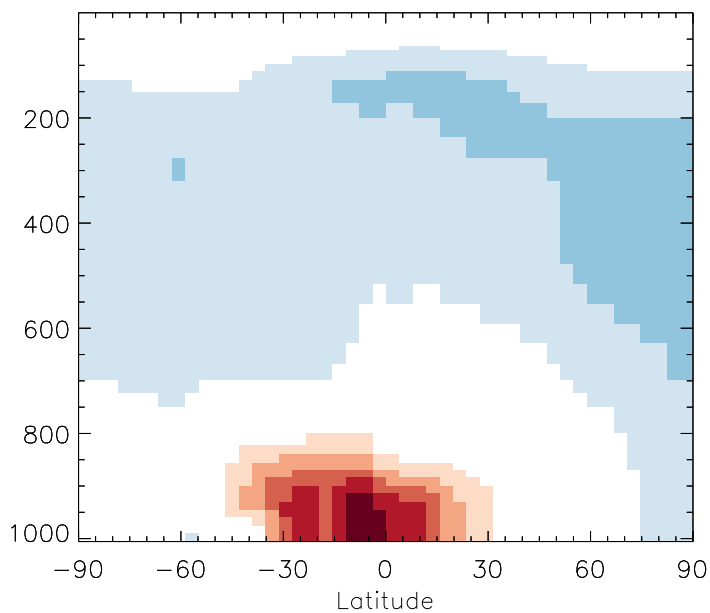
v11-01g-Run0 - v11-01d-Run1

NH4 - Zonal mean abs diff for Jul



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

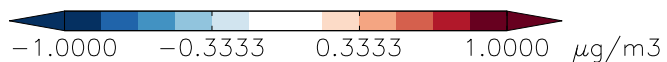
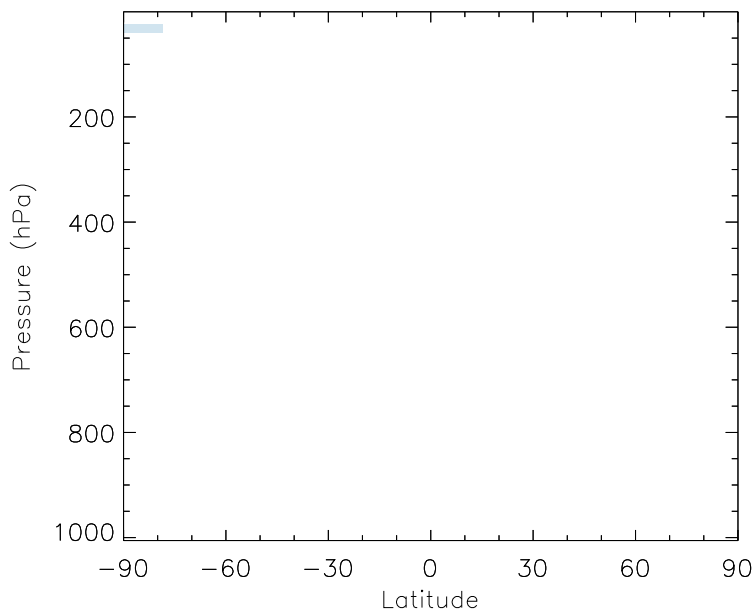
NH4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

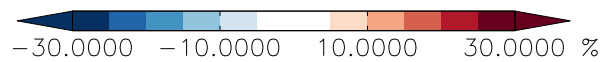
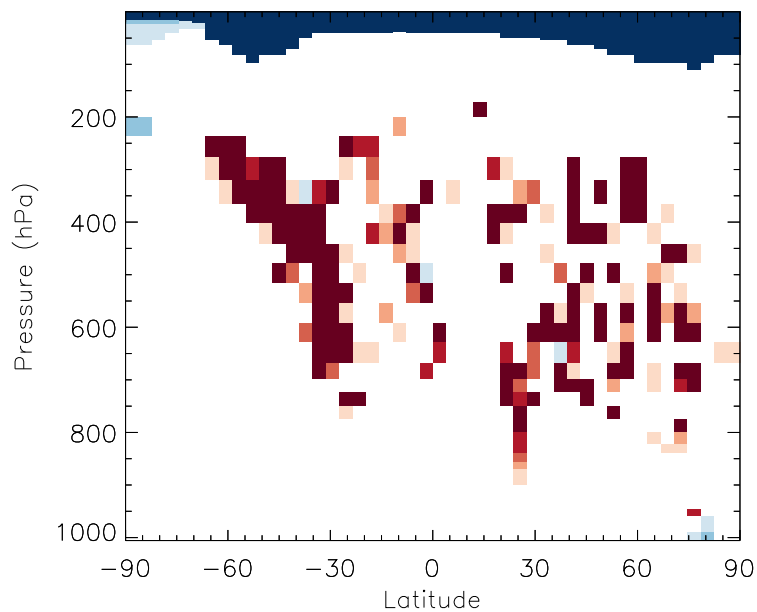
v11-01g-Run0 - v11-01f-geosp-Run0

NIT - Zonal mean abs diff for Jul



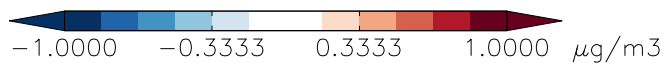
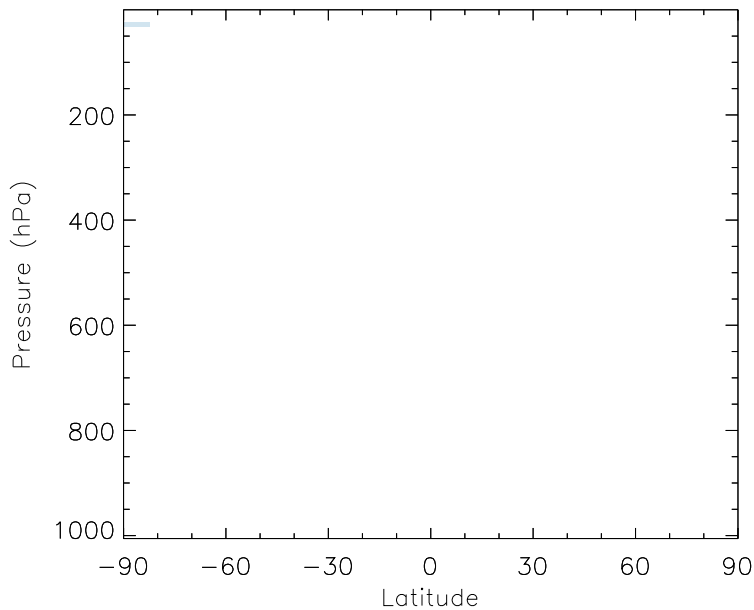
v11-01g-Run0 / v11-01f-geosp-Run0

NIT - Zonal mean % diff for Jul



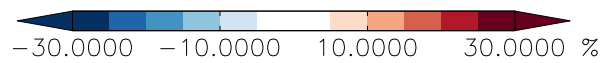
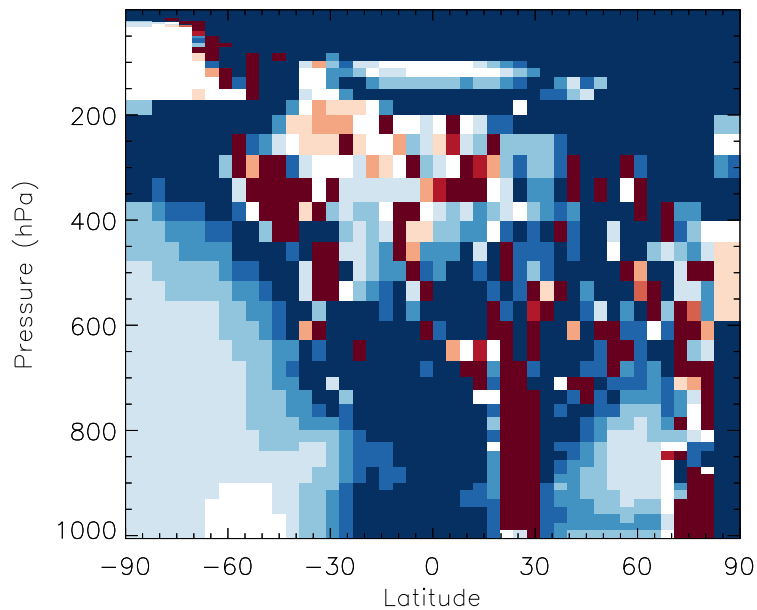
v11-01g-Run0 - v11-01d-Run1

NIT - Zonal mean abs diff for Jul



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

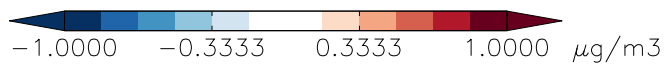
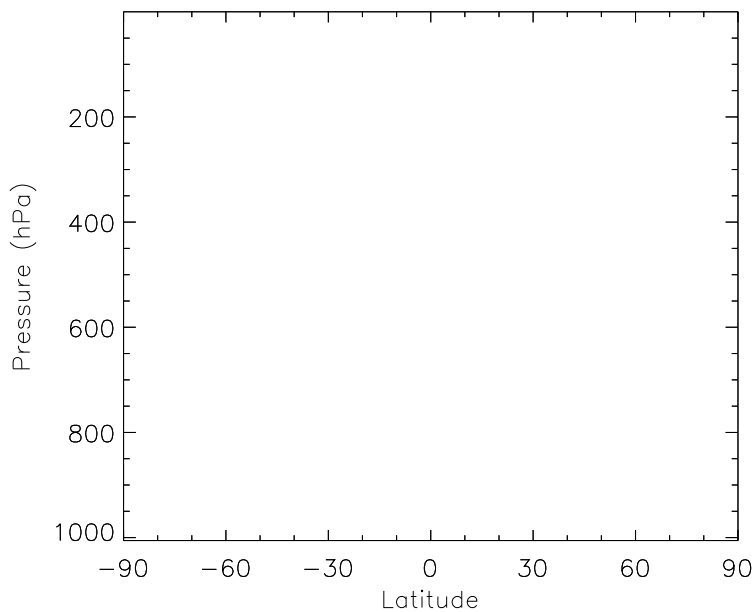
NIT - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

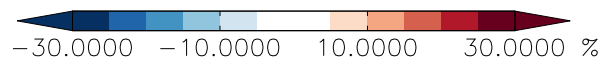
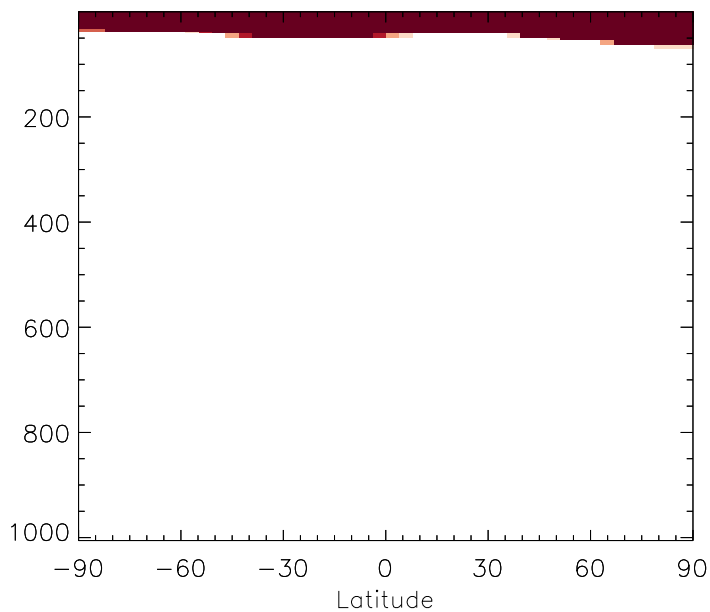
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NITs - Zonal mean abs diff for Jul



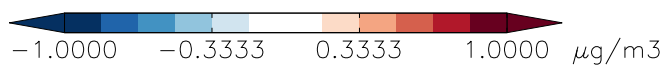
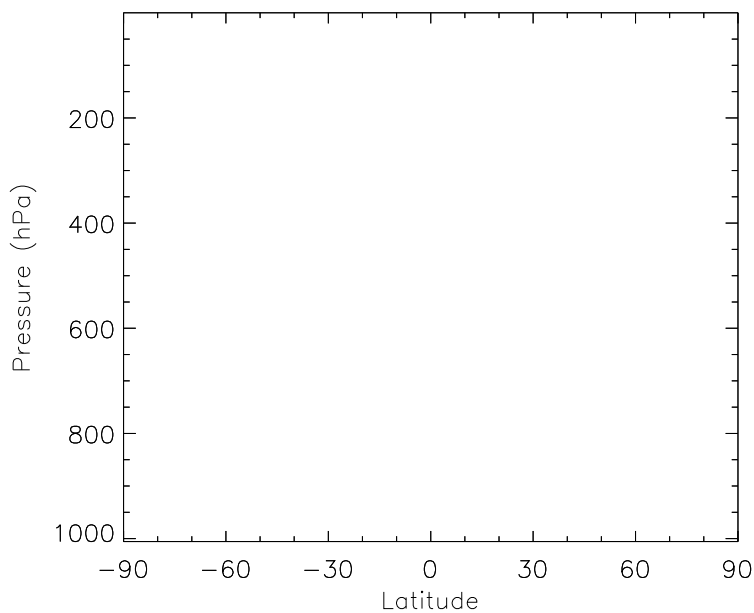
v11-01g-Run0 / v11-01f-geosfp-Run0

NITs - Zonal mean % diff for Jul



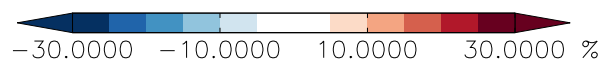
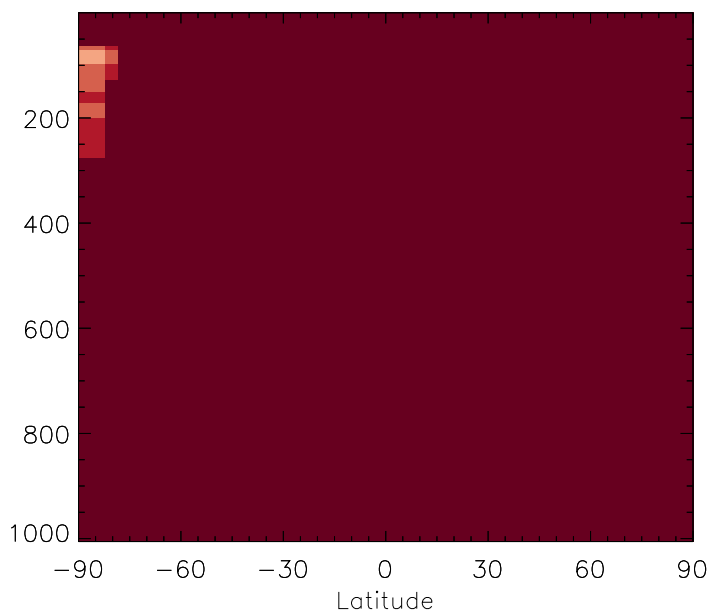
v11-01g-Run0 - v11-01d-Run1

NITs - Zonal mean abs diff for Jul



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

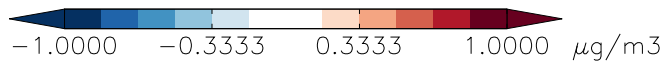
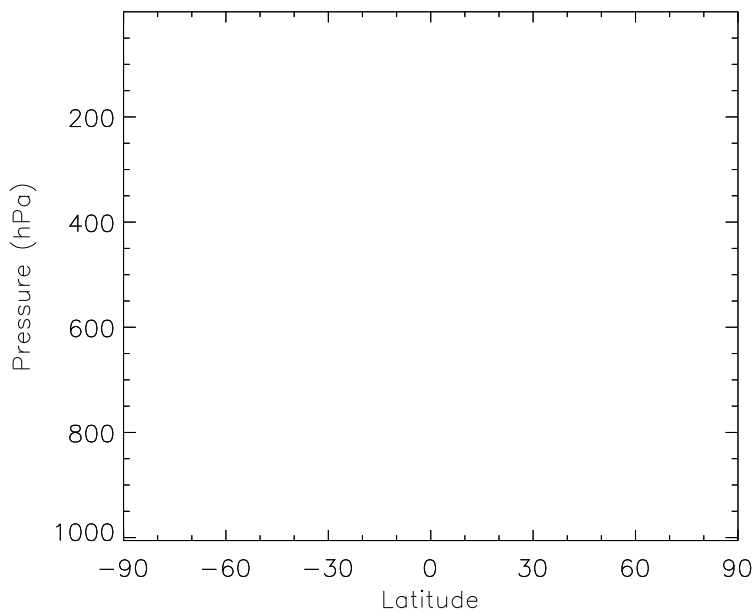
NITs - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

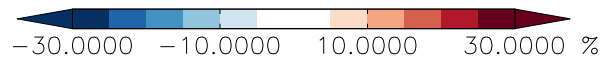
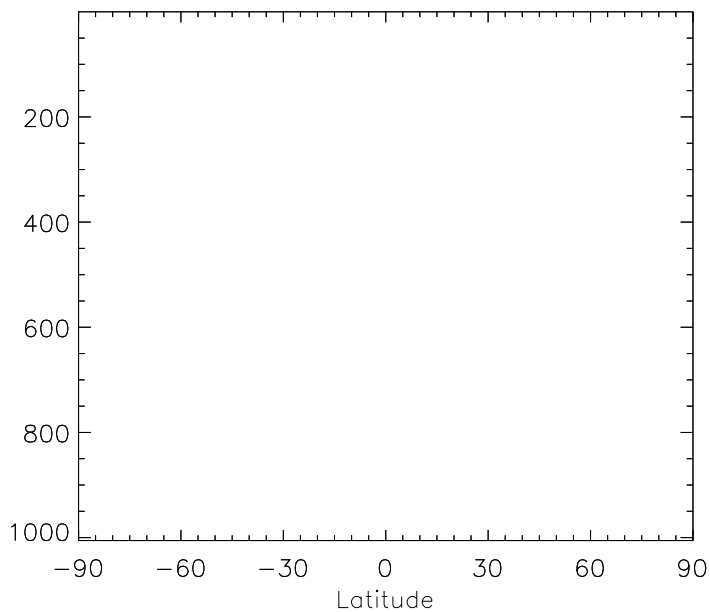
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPI - Zonal mean abs diff for Jul



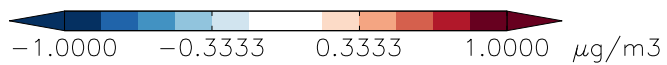
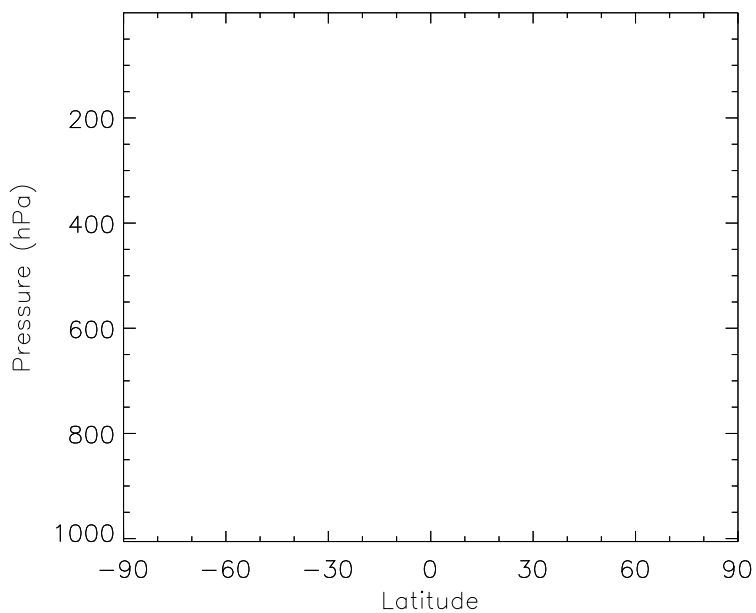
v11-01g-Run0 / v11-01f-geosfp-Run0

BCPI - Zonal mean % diff for Jul



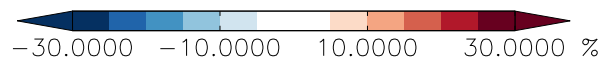
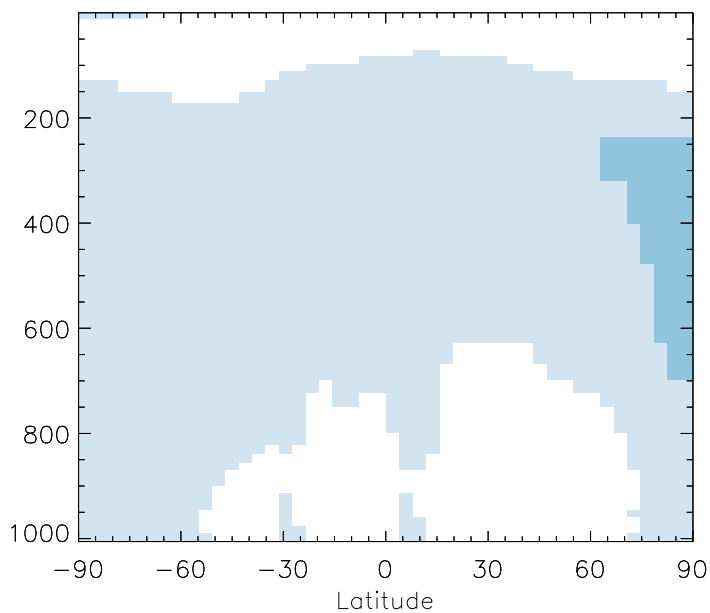
v11-01g-Run0 - v11-01d-Run1

BCPI - Zonal mean abs diff for Jul



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

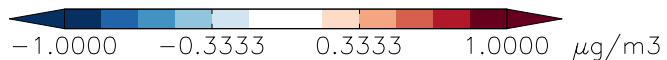
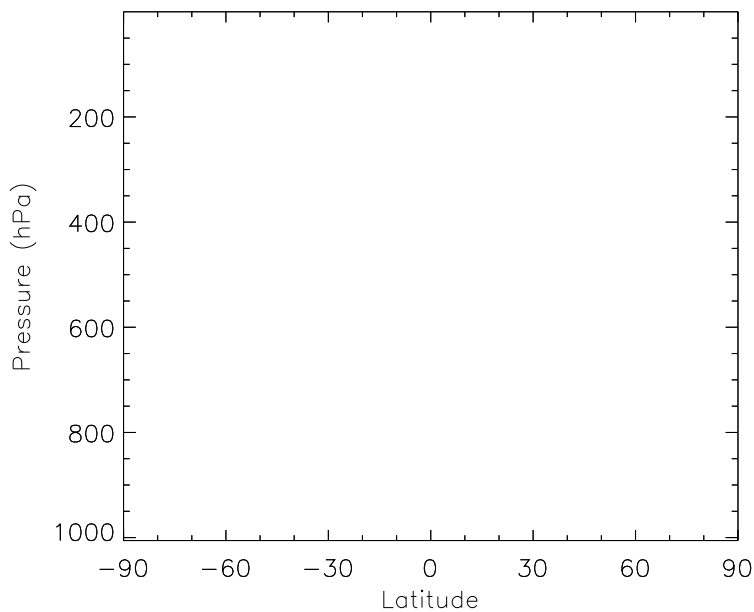
BCPI - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

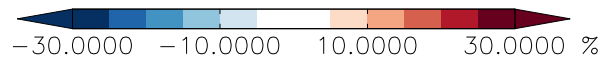
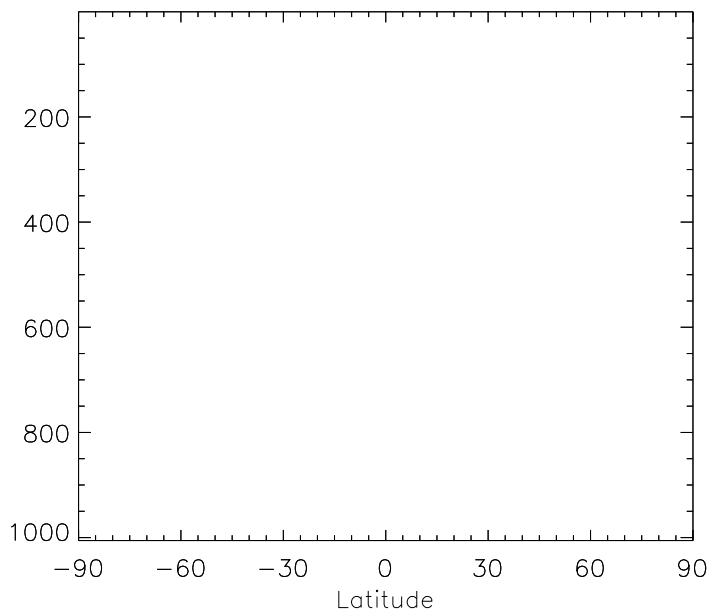
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPI - Zonal mean abs diff for Jul



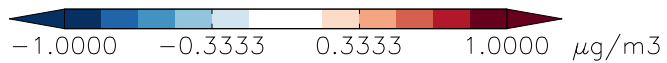
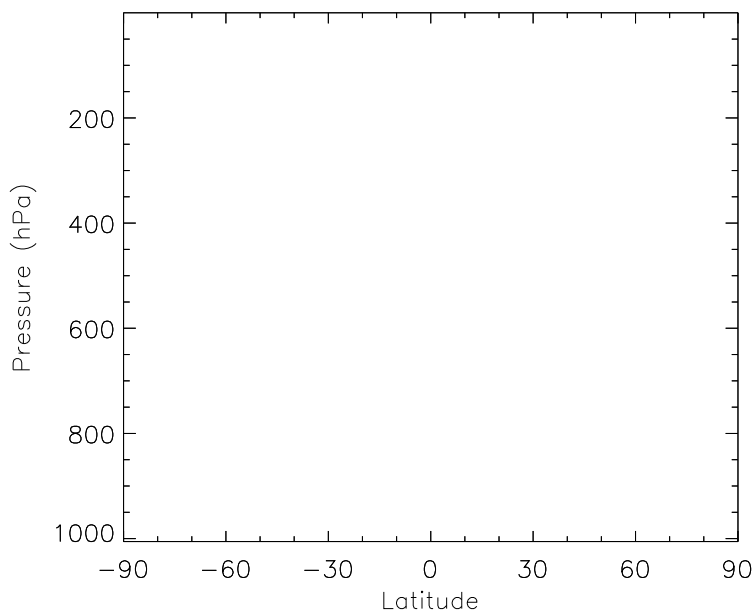
v11-01g-Run0 / v11-01f-geosfp-Run0

OCPI - Zonal mean % diff for Jul



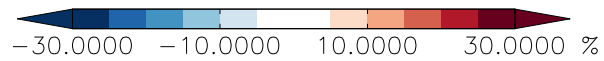
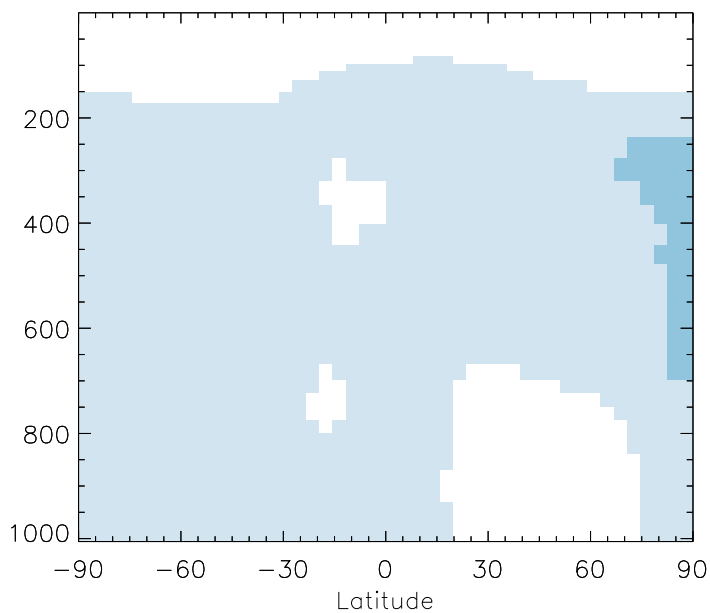
v11-01g-Run0 - v11-01d-Run1

OCPI - Zonal mean abs diff for Jul



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

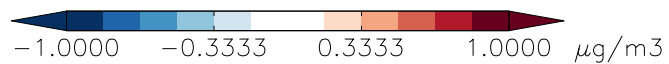
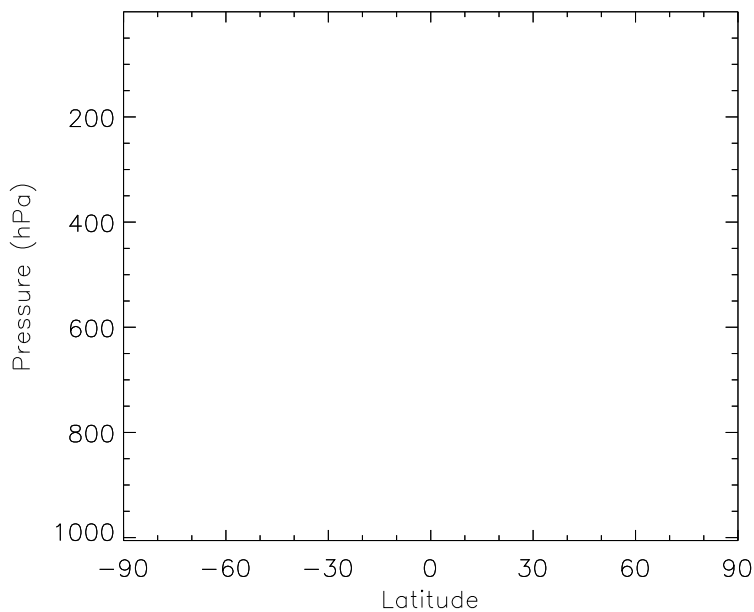
OCPI - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

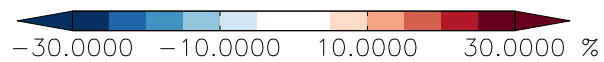
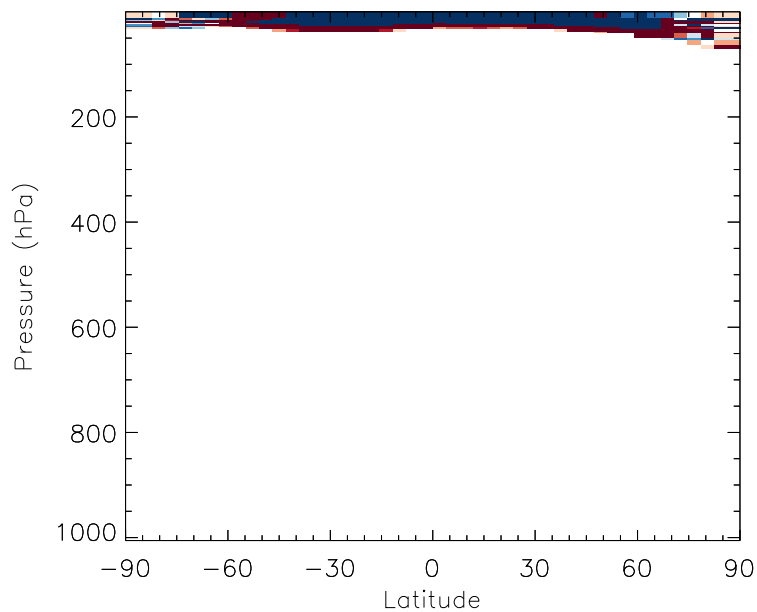
v11-01g-Run0 - v11-01f-geosfp-Run0

BCPO - Zonal mean abs diff for Jul



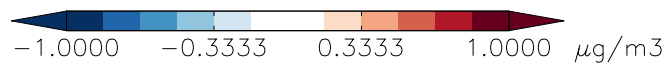
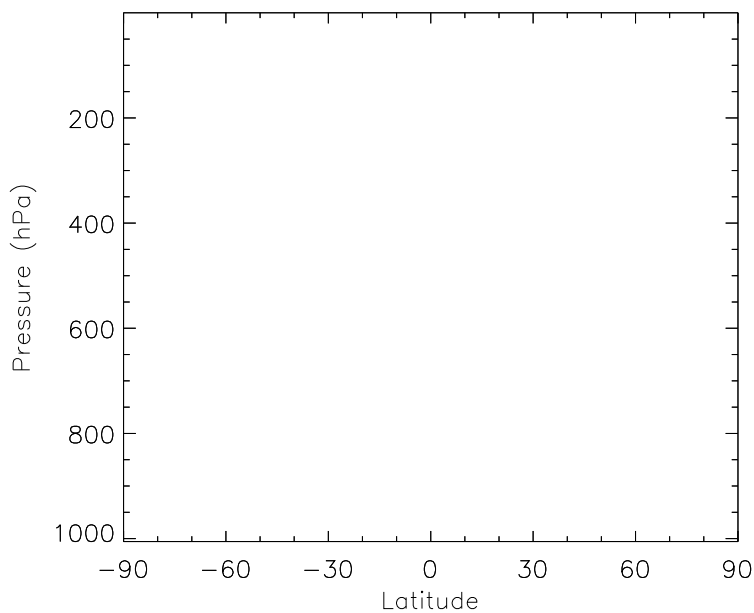
v11-01g-Run0 / v11-01f-geosfp-Run0

BCPO - Zonal mean % diff for Jul



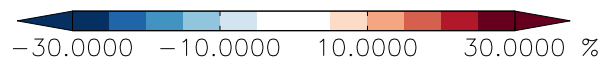
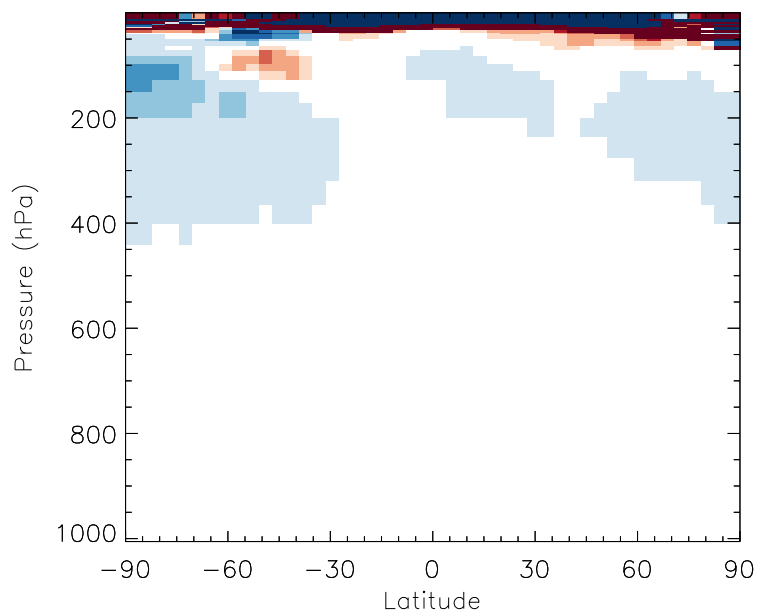
v11-01g-Run0 - v11-01d-Run1

BCPO - Zonal mean abs diff for Jul



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

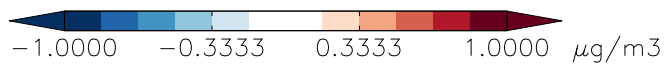
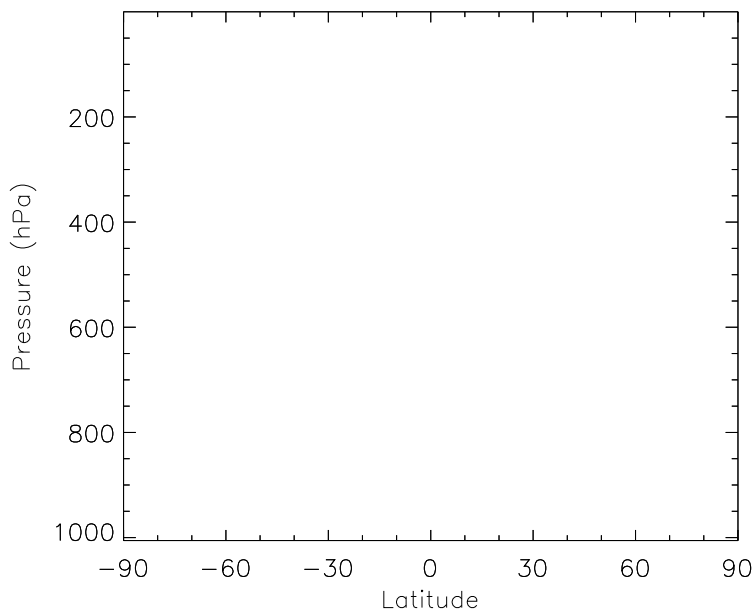
BCPO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

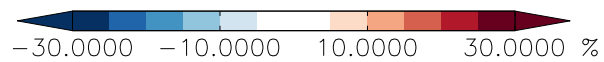
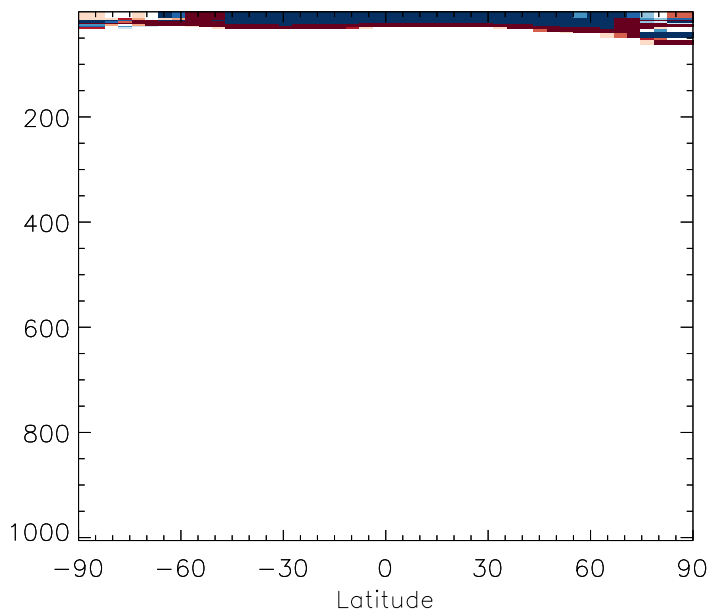
v11-01g-Run0 - v11-01f-geosfp-Run0

OCPO - Zonal mean abs diff for Jul



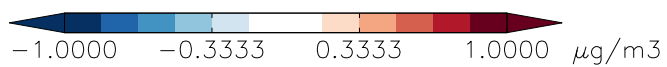
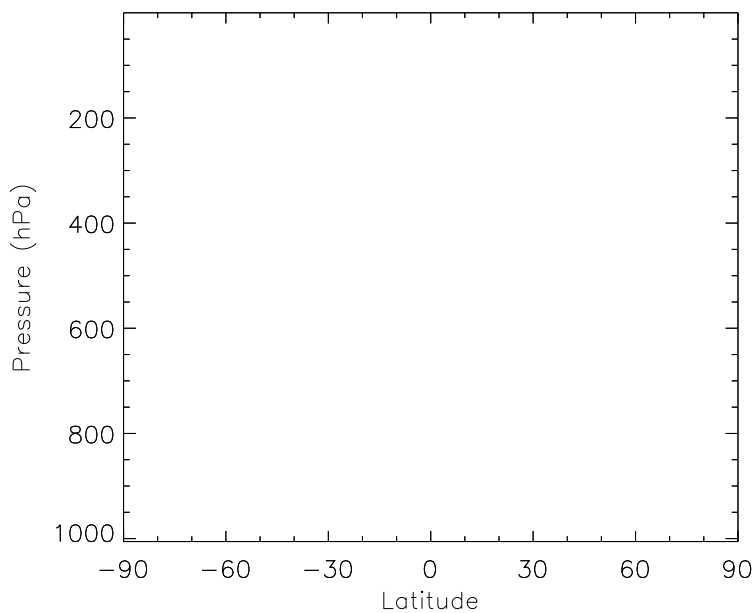
v11-01g-Run0 / v11-01f-geosfp-Run0

OCPO - Zonal mean % diff for Jul



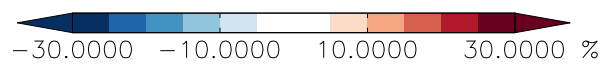
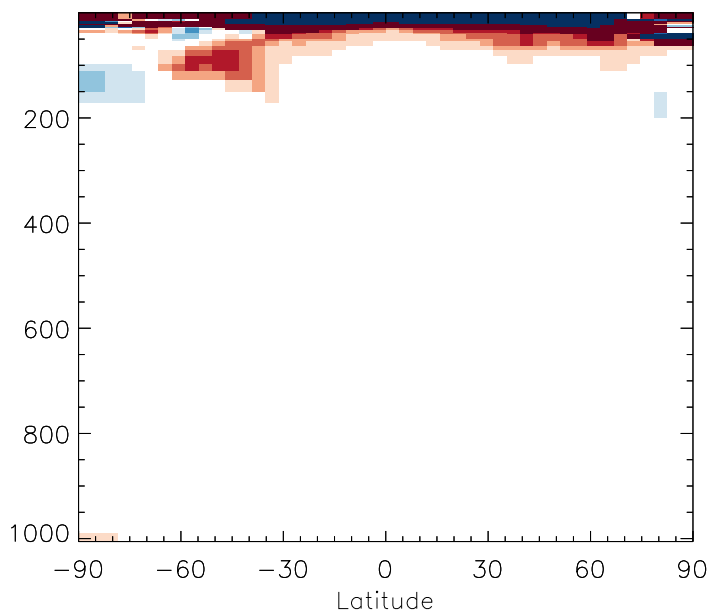
v11-01g-Run0 - v11-01d-Run1

OCPO - Zonal mean abs diff for Jul



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

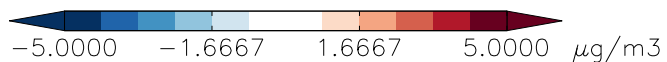
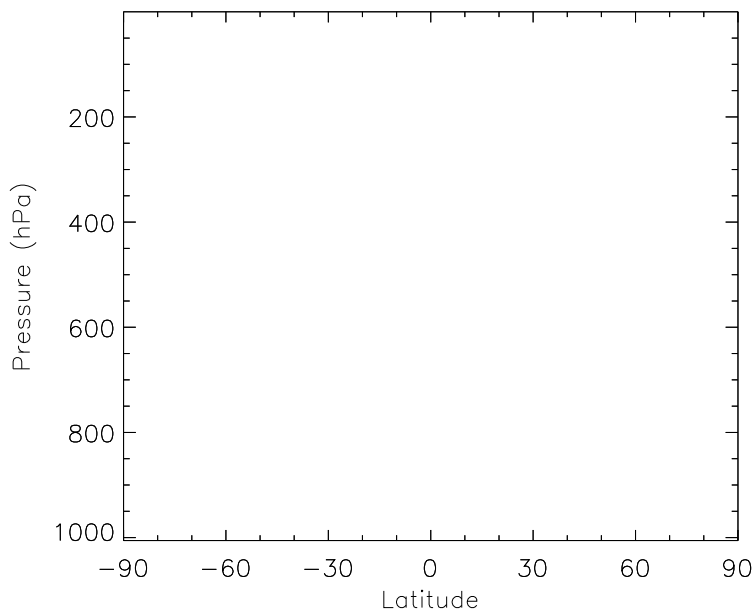
OCPO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

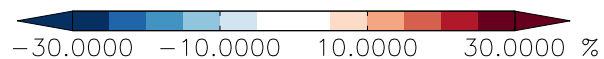
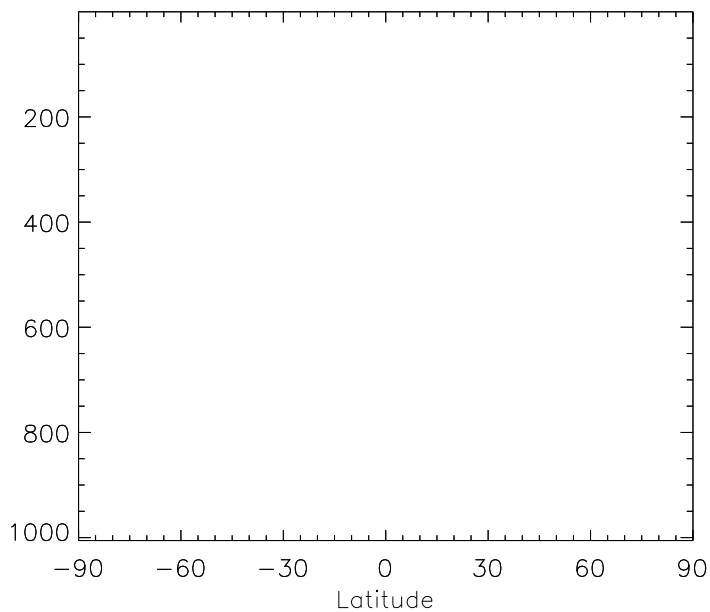
v11-01g-Run0 - v11-01f-geosfp-Run0

DST1 - Zonal mean abs diff for Jul



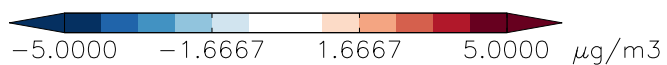
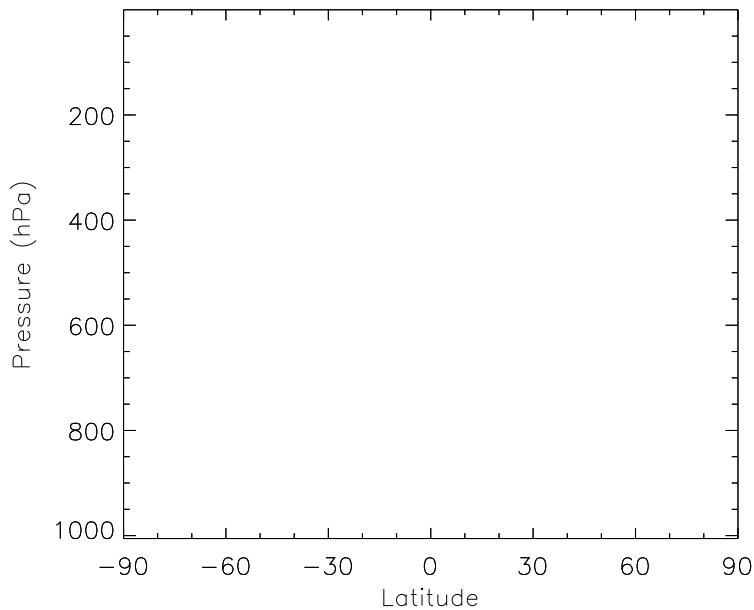
v11-01g-Run0 / v11-01f-geosfp-Run0

DST1 - Zonal mean % diff for Jul



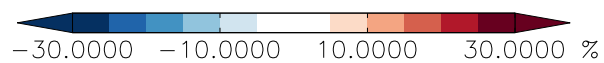
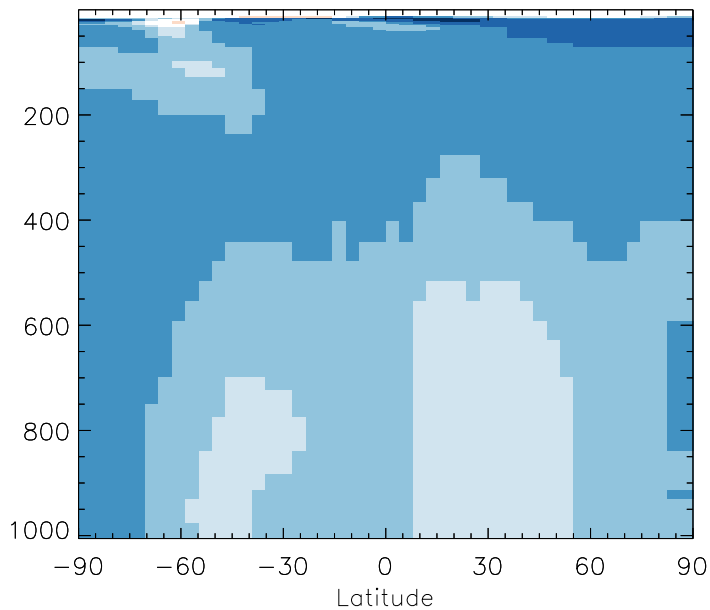
v11-01g-Run0 - v11-01d-Run1

DST1 - Zonal mean abs diff for Jul



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

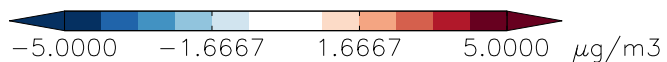
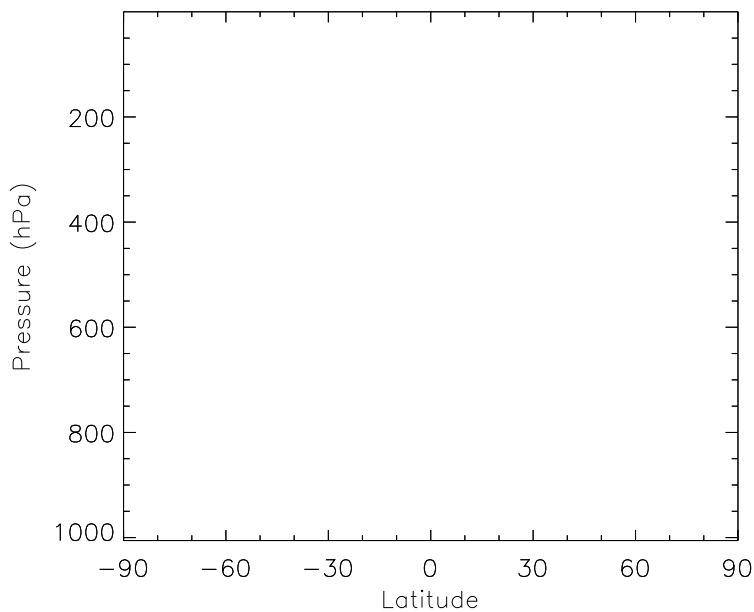
DST1 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

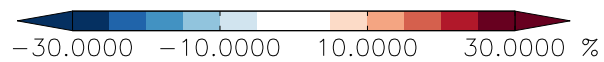
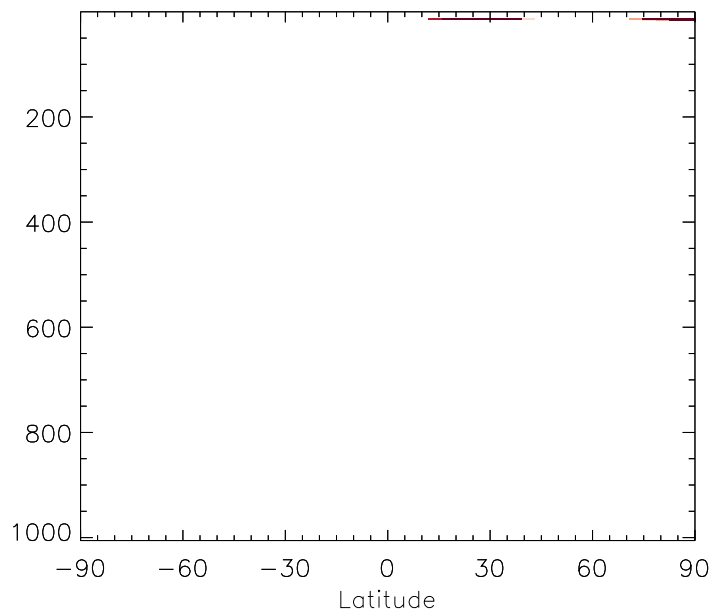
v11-01g-Run0 - v11-01f-geosfp-Run0

DST2 - Zonal mean abs diff for Jul



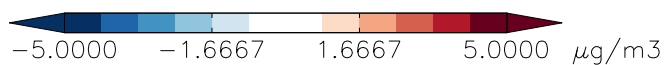
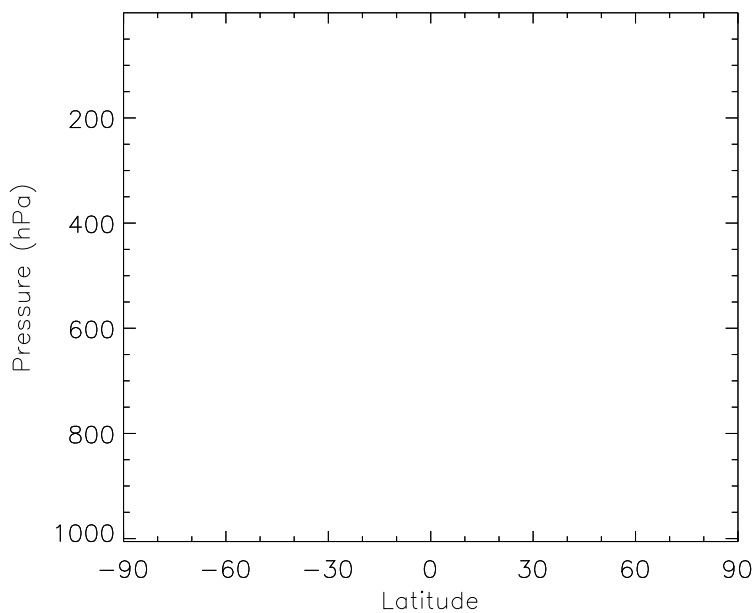
v11-01g-Run0 / v11-01f-geosfp-Run0

DST2 - Zonal mean % diff for Jul



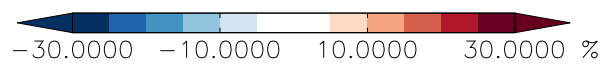
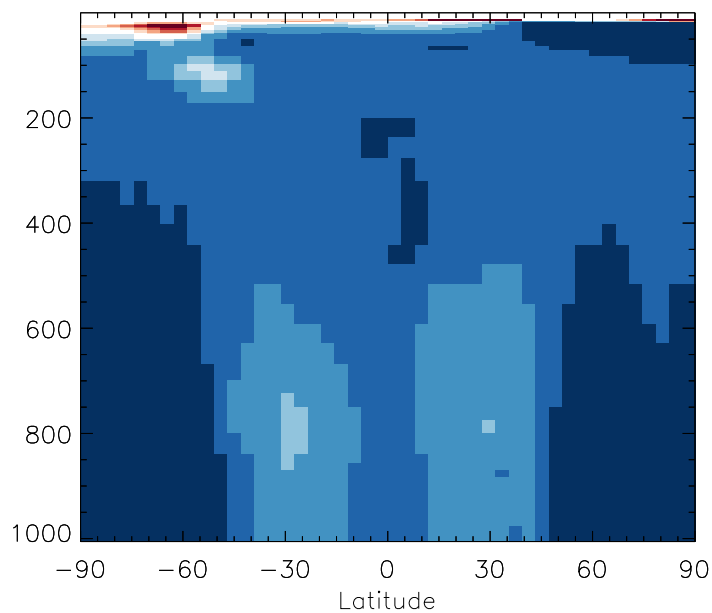
v11-01g-Run0 - v11-01d-Run1

DST2 - Zonal mean abs diff for Jul



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

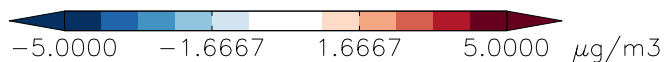
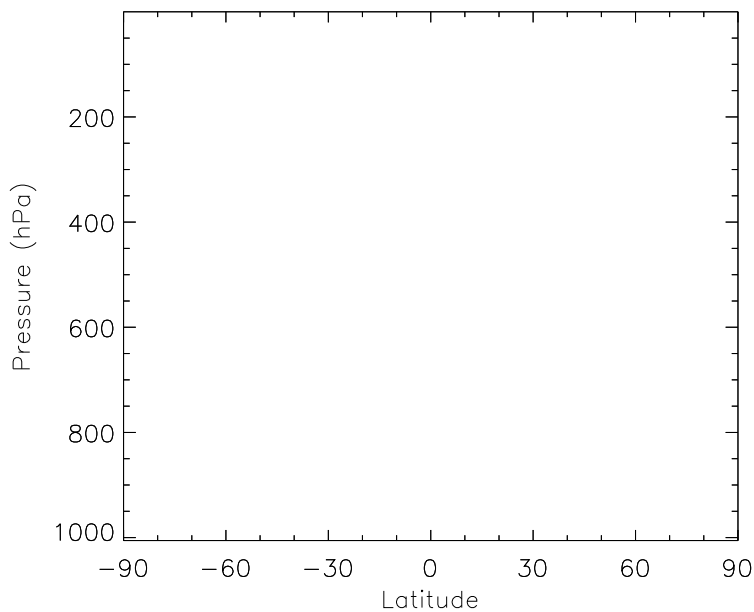
DST2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

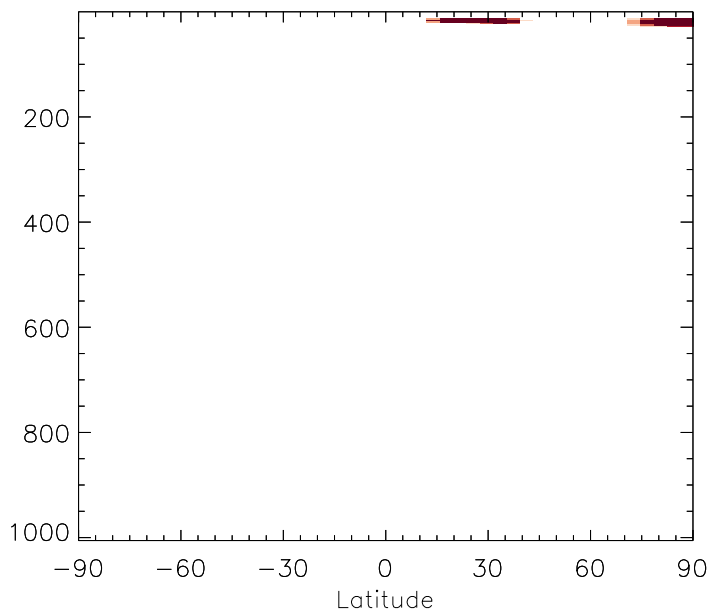
v11-01g-Run0 - v11-01f-geosfp-Run0

DST3 - Zonal mean abs diff for Jul



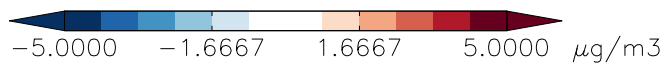
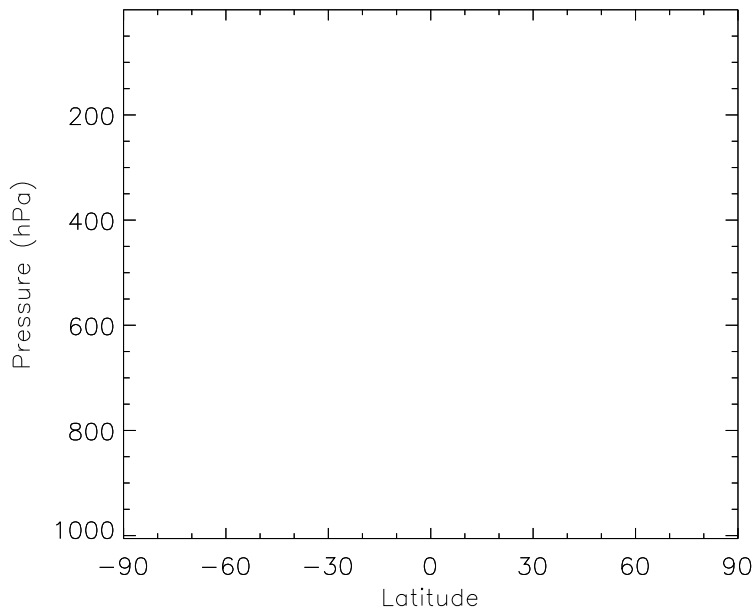
v11-01g-Run0 / v11-01f-geosfp-Run0

DST3 - Zonal mean % diff for Jul



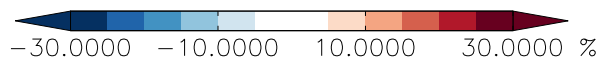
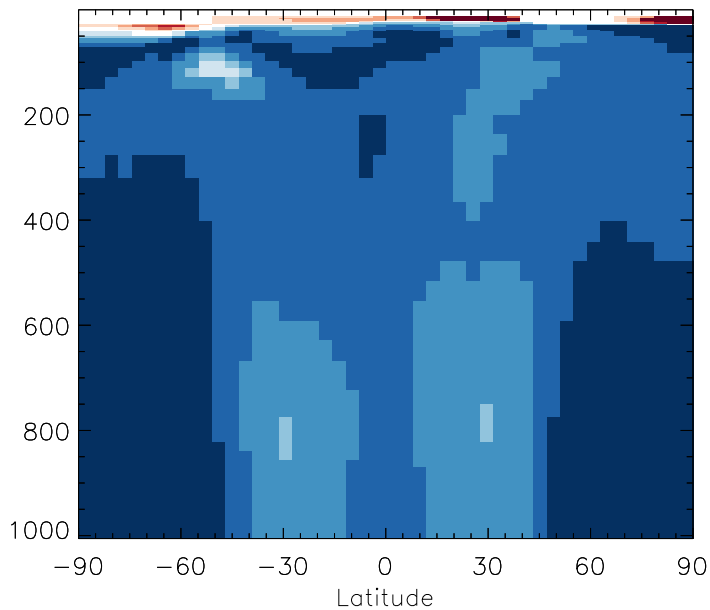
v11-01g-Run0 - v11-01d-Run1

DST3 - Zonal mean abs diff for Jul



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

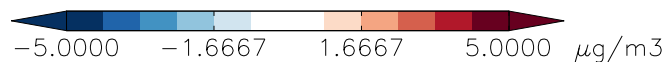
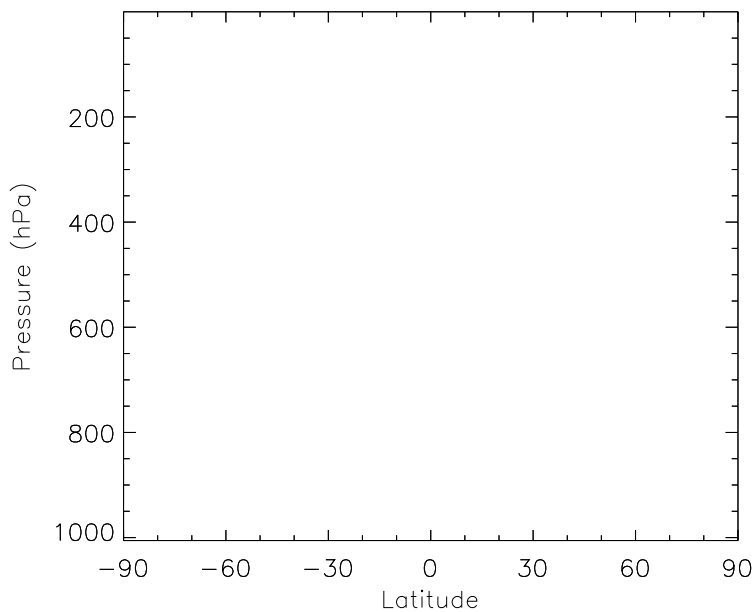
DST3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

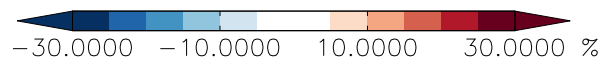
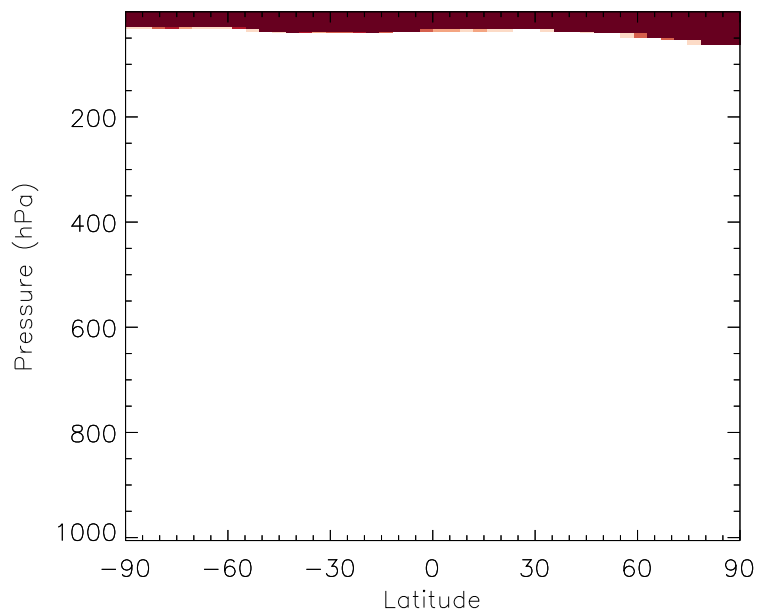
v11-01g-Run0 - v11-01f-geosfp-Run0

DST4 - Zonal mean abs diff for Jul



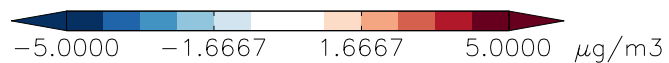
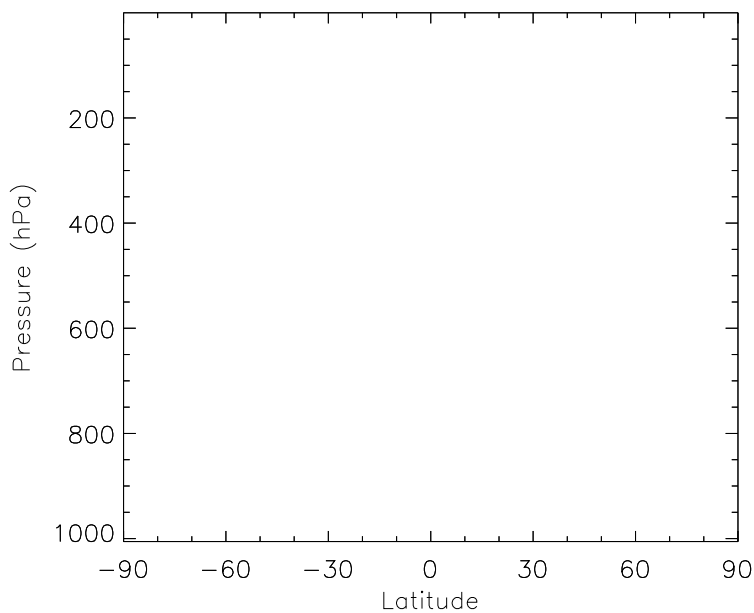
v11-01g-Run0 / v11-01f-geosfp-Run0

DST4 - Zonal mean % diff for Jul



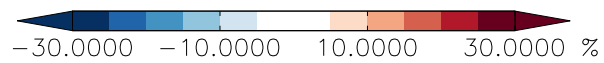
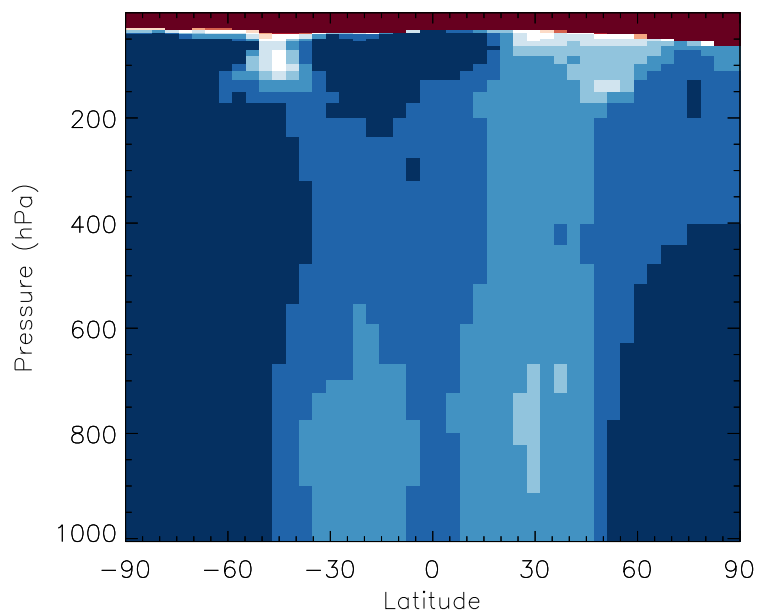
v11-01g-Run0 - v11-01d-Run1

DST4 - Zonal mean abs diff for Jul



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

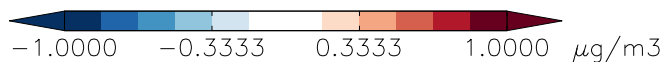
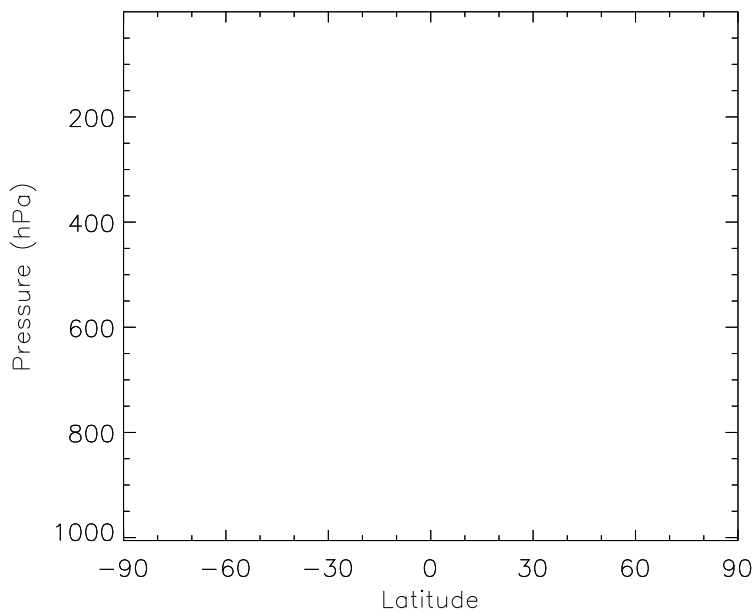
DST4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

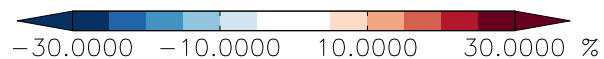
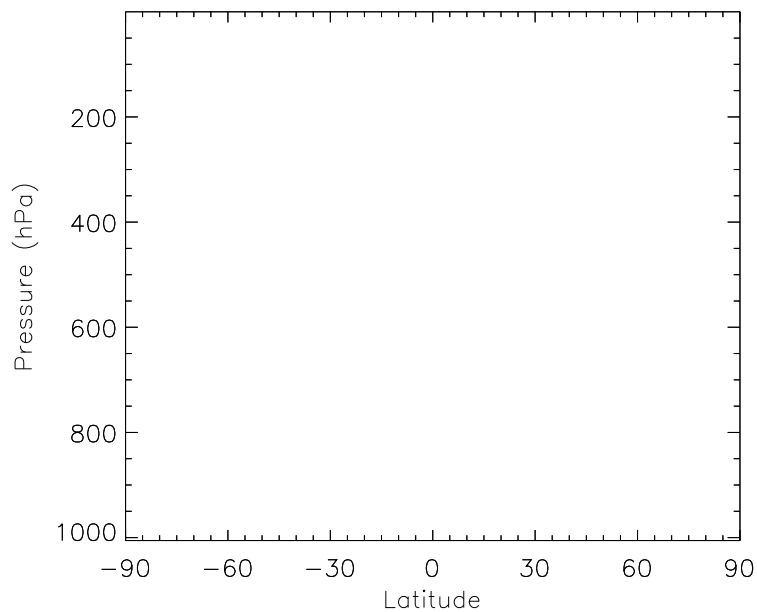
v11-01g-Run0 - v11-01f-geosfp-Run0

SALA - Zonal mean abs diff for Jul



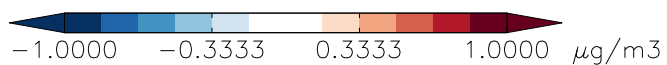
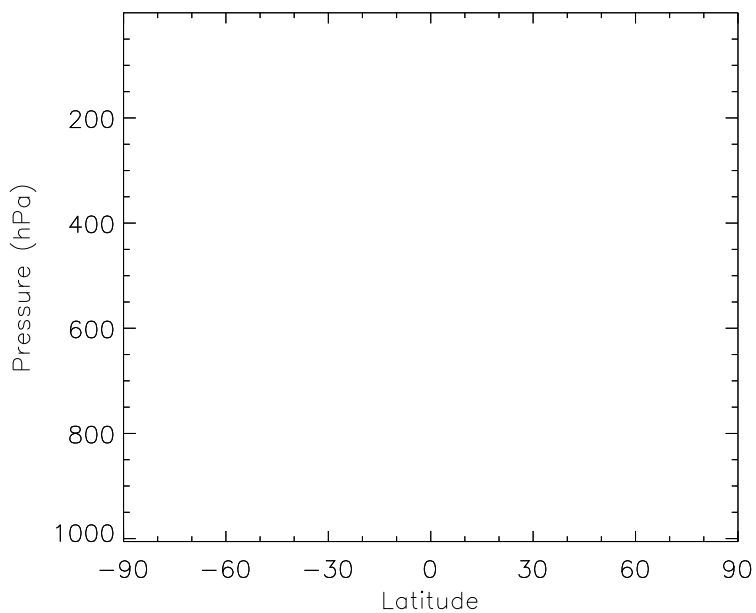
v11-01g-Run0 / v11-01f-geosfp-Run0

SALA - Zonal mean % diff for Jul



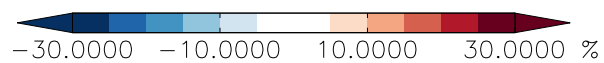
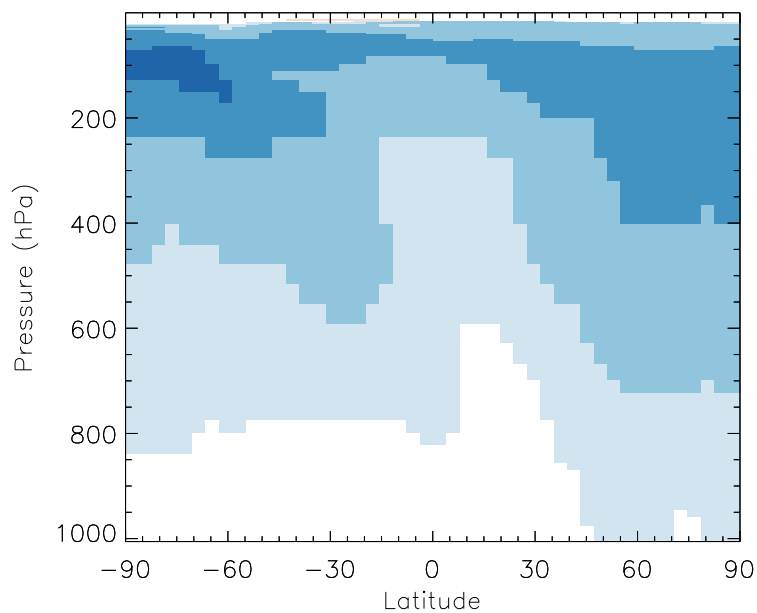
v11-01g-Run0 - v11-01d-Run1

SALA - Zonal mean abs diff for Jul



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

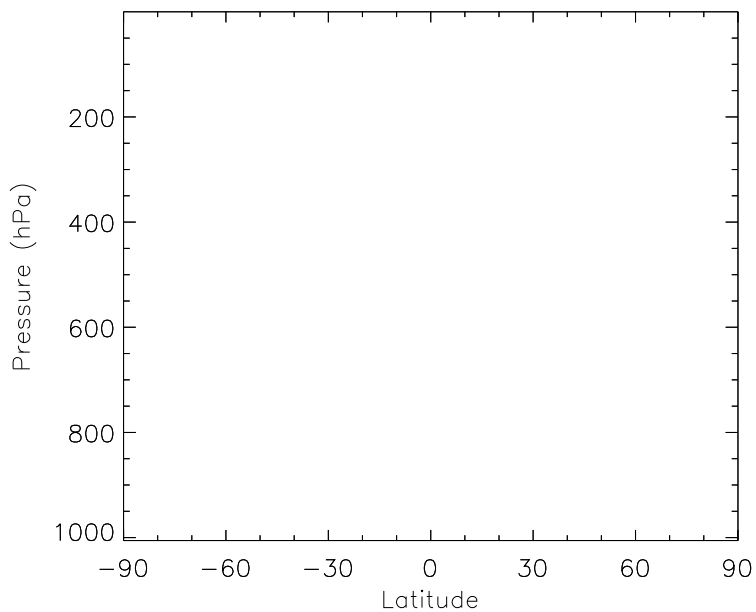
SALA - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

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

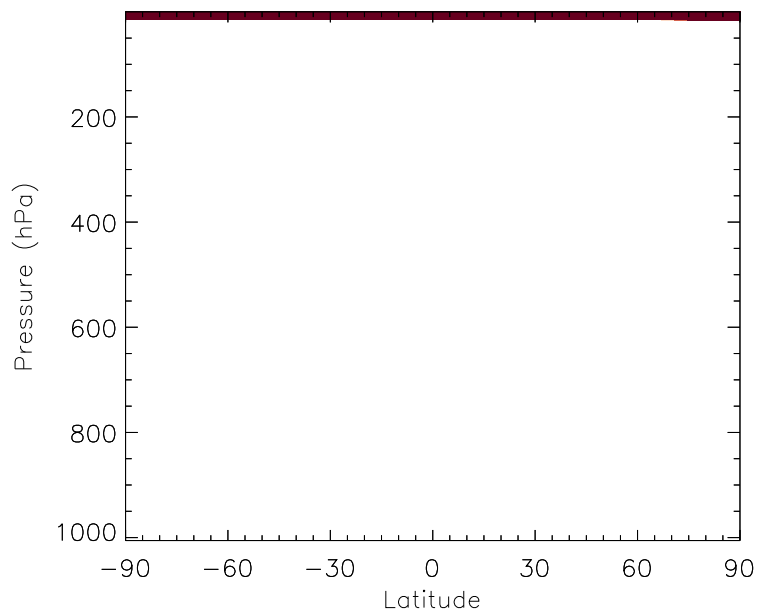
SALC - Zonal mean abs diff for Jul



-1.0000 -0.3333 0.3333 1.0000 $\mu\text{g}/\text{m}^3$

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

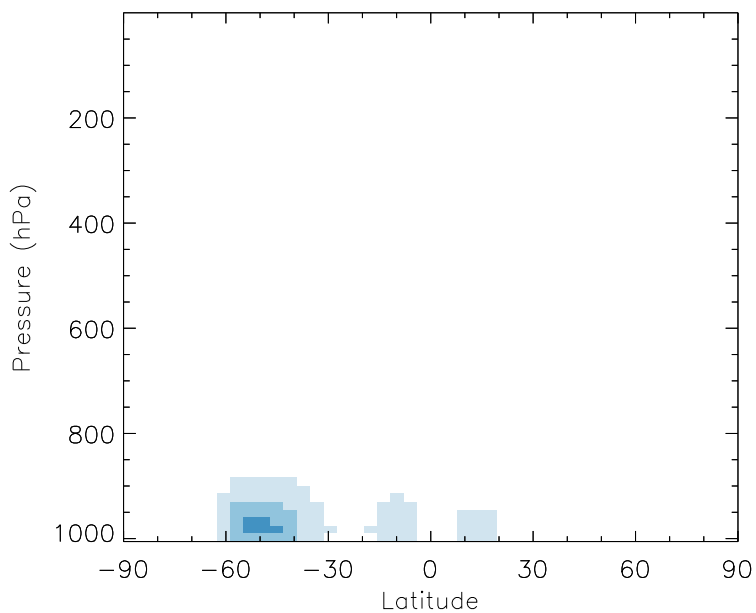
SALC - Zonal mean % diff for Jul



-30.0000 -10.0000 10.0000 30.0000 %

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

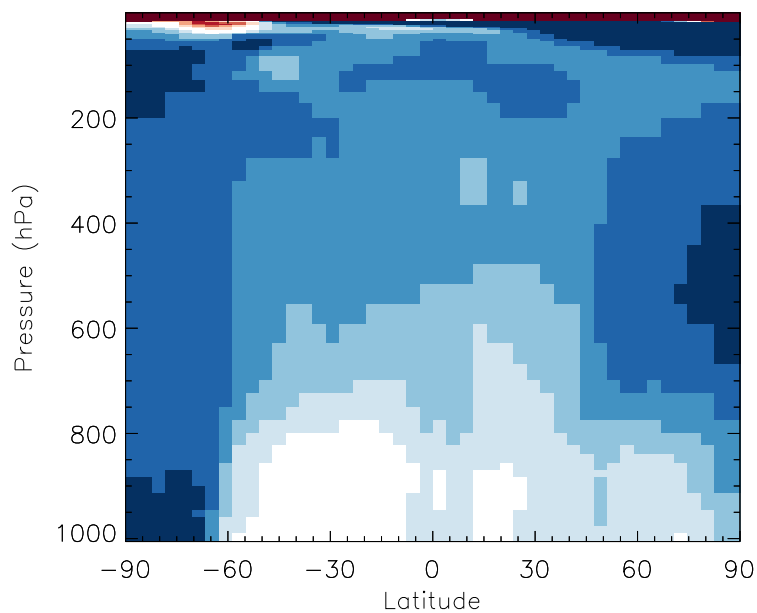
SALC - Zonal mean abs diff for Jul



-1.0000 -0.3333 0.3333 1.0000 $\mu\text{g}/\text{m}^3$

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

SALC - Zonal mean % diff for Jul

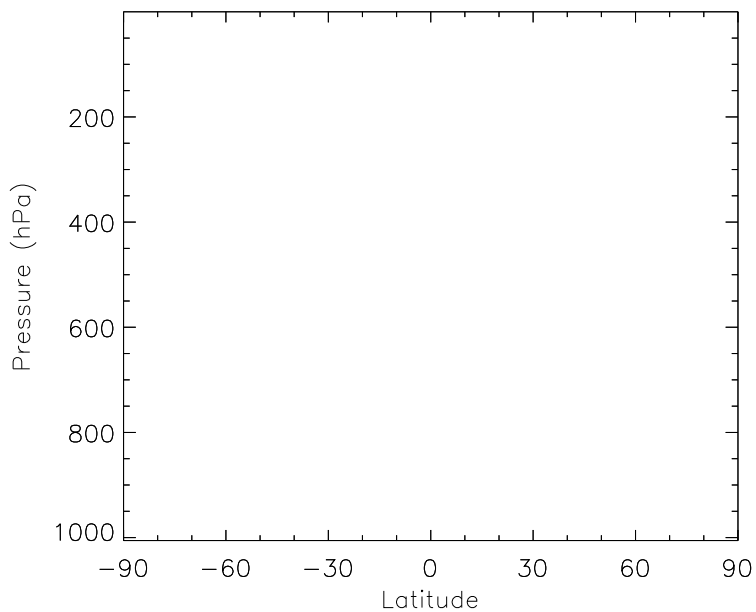


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

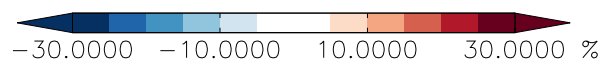
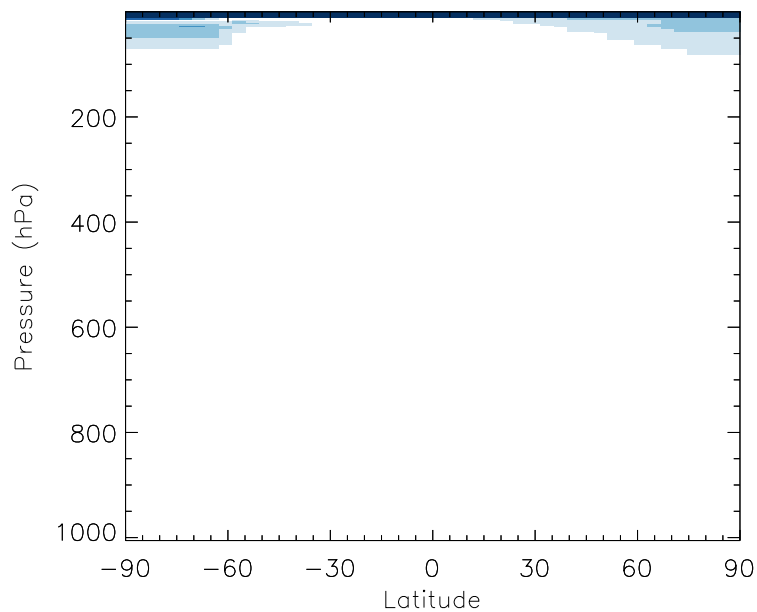
v11-01g-Run0 - v11-01f-geosfp-Run0

Br2 - Zonal mean abs diff for Jul



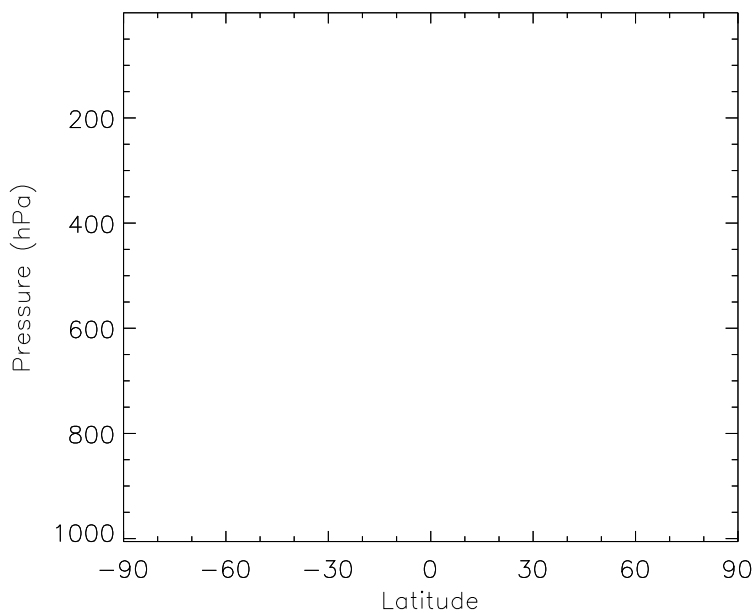
v11-01g-Run0 / v11-01f-geosfp-Run0

Br2 - Zonal mean % diff for Jul



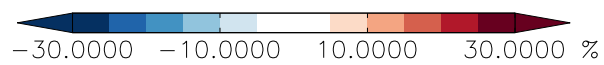
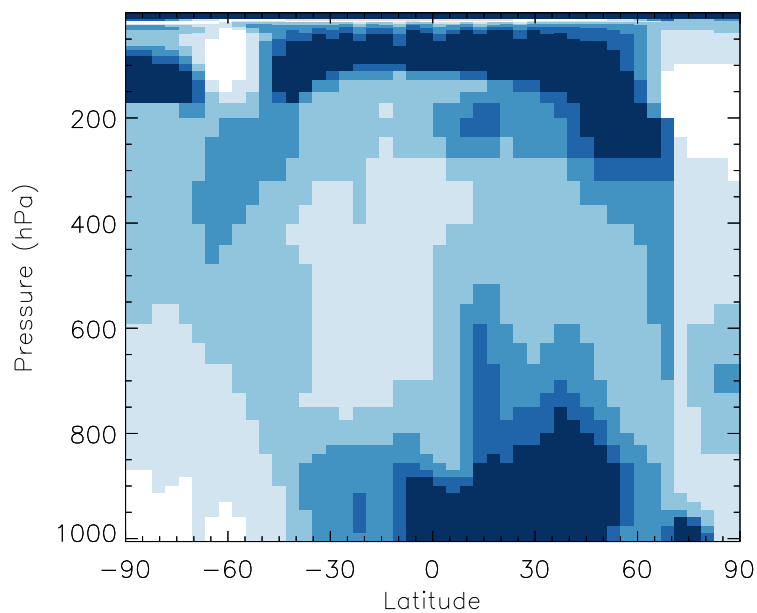
v11-01g-Run0 - v11-01d-Run1

Br2 - Zonal mean abs diff for Jul



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

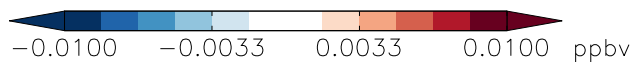
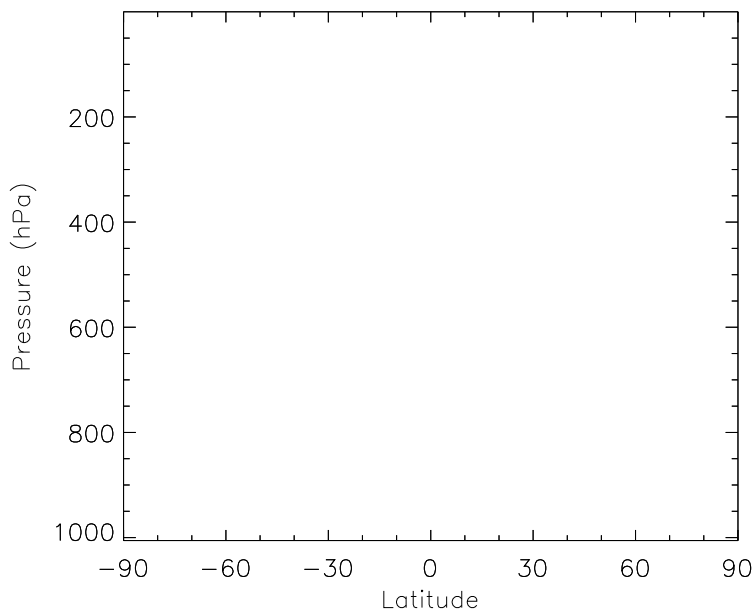
Br2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

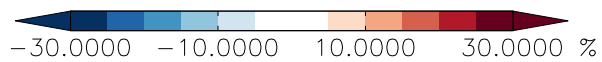
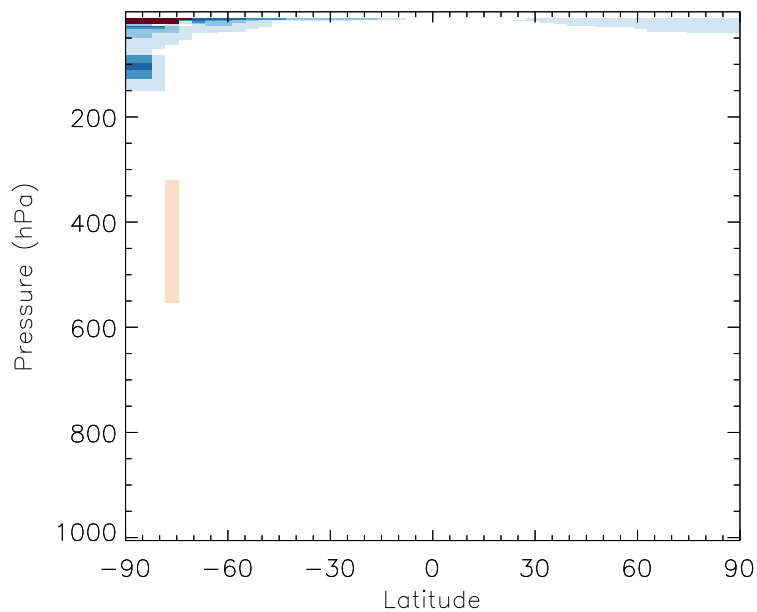
v11-01g-Run0 - v11-01f-geosp-Run0

Br - Zonal mean abs diff for Jul



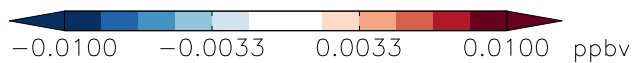
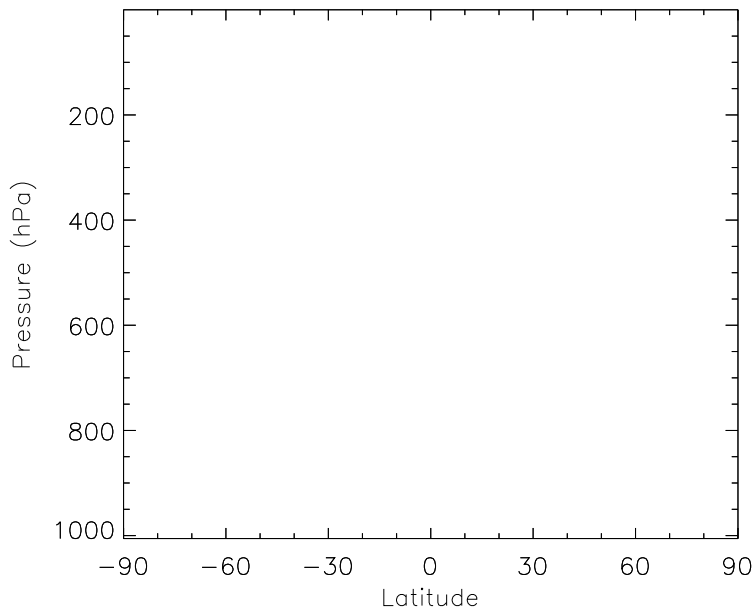
v11-01g-Run0 / v11-01f-geosp-Run0

Br - Zonal mean % diff for Jul



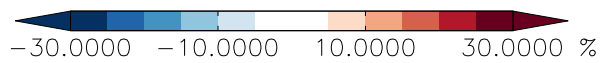
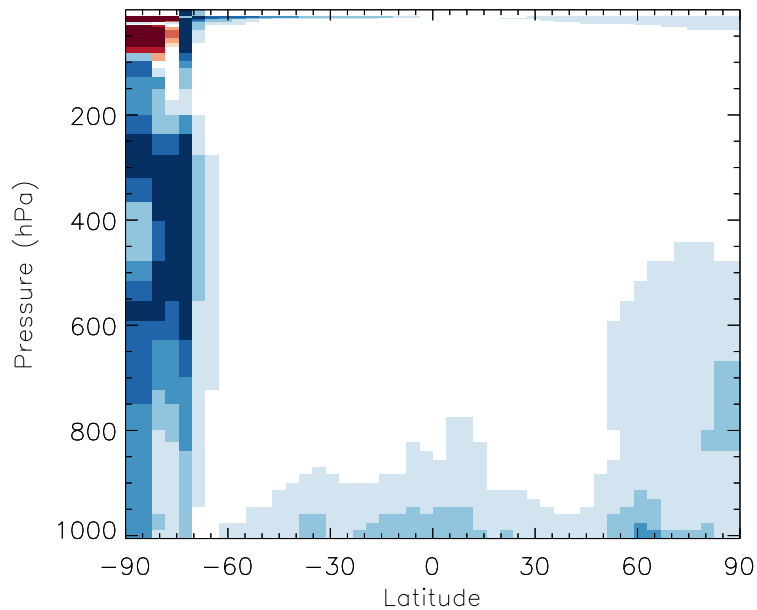
v11-01g-Run0 - v11-01d-Run1

Br - Zonal mean abs diff for Jul



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

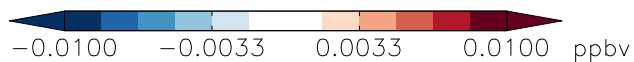
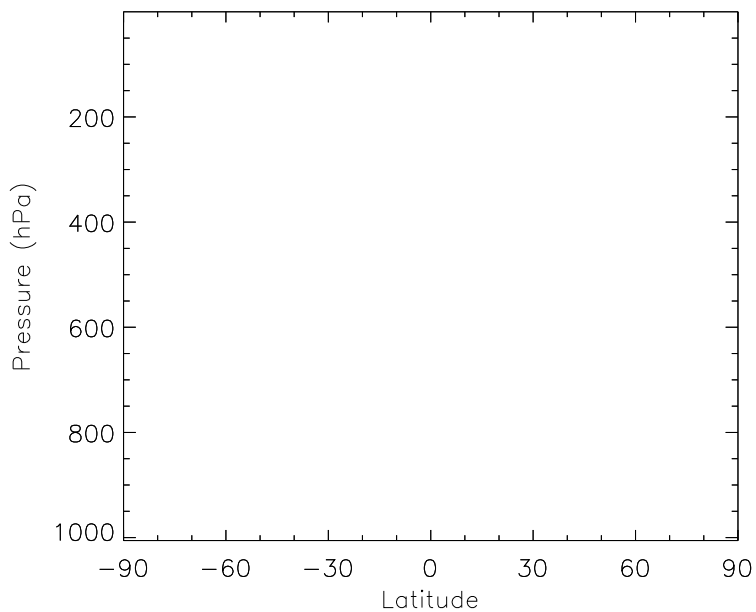
Br - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

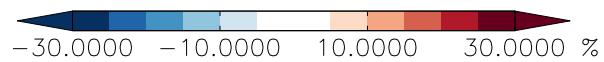
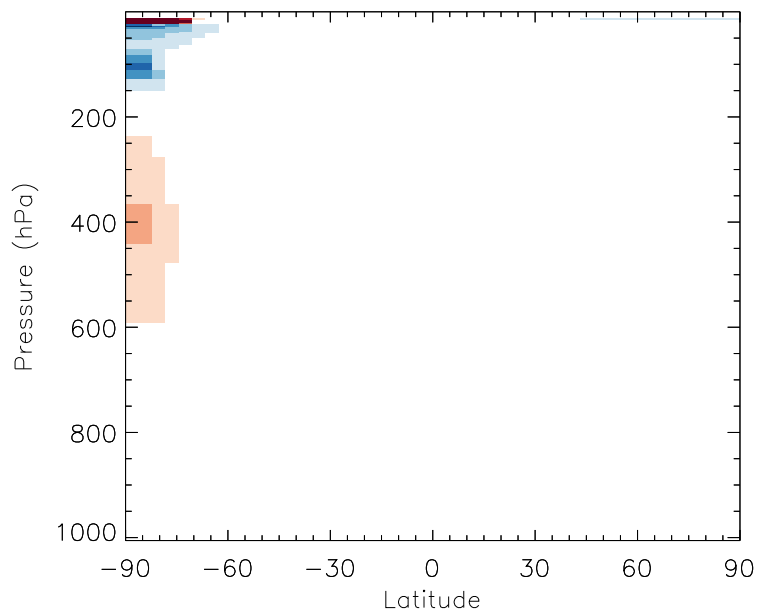
v11-01g-Run0 - v11-01f-geosfp-Run0

BrO - Zonal mean abs diff for Jul



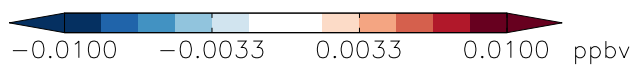
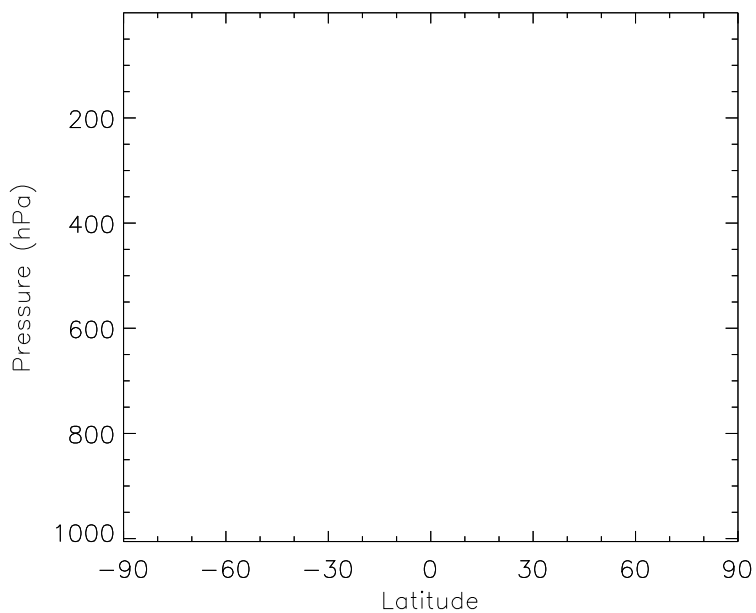
v11-01g-Run0 / v11-01f-geosfp-Run0

BrO - Zonal mean % diff for Jul



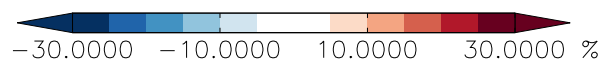
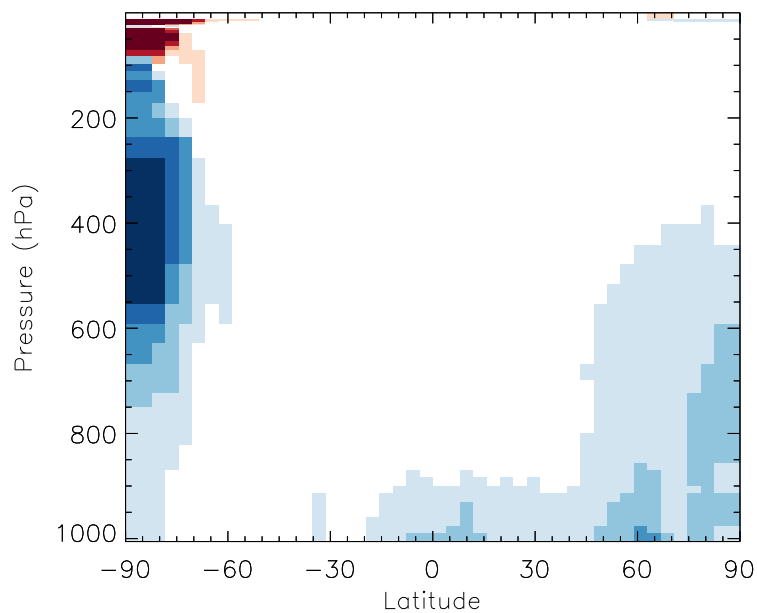
v11-01g-Run0 - v11-01d-Run1

BrO - Zonal mean abs diff for Jul



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

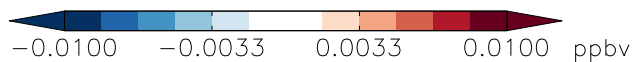
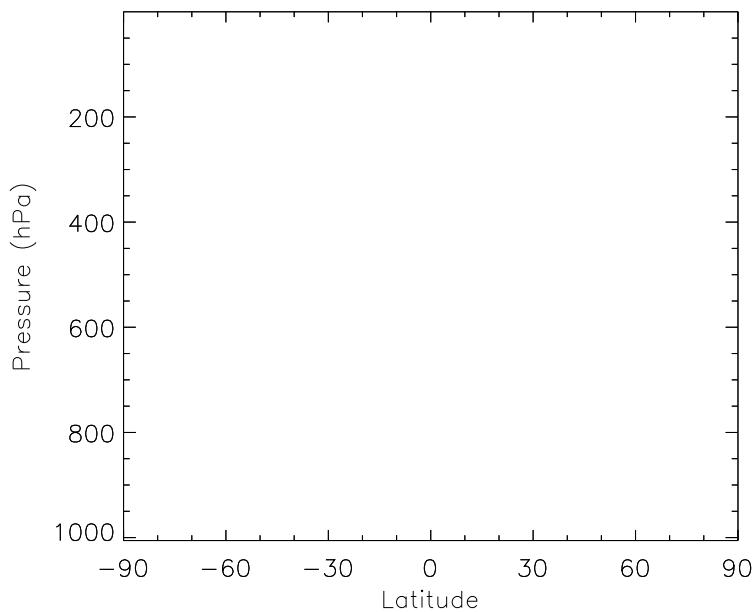
BrO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

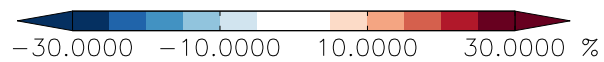
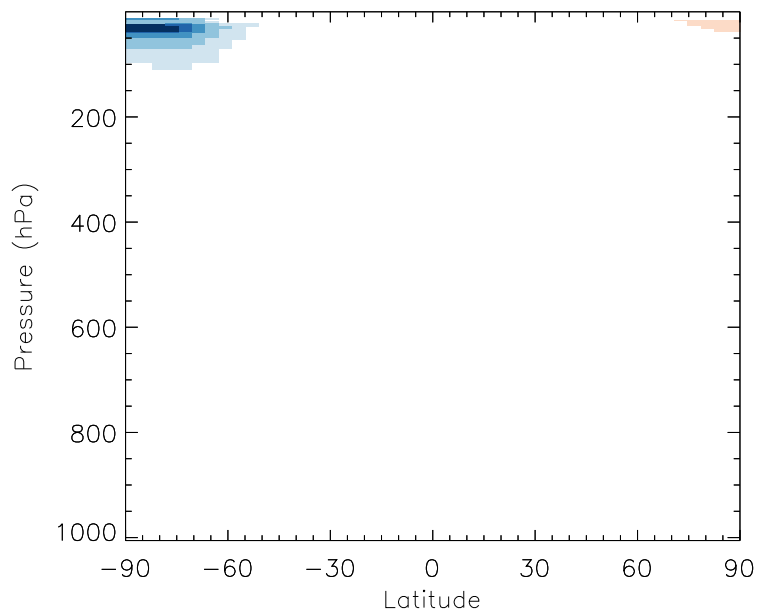
v11-01g-Run0 - v11-01f-geosp-Run0

HOBr - Zonal mean abs diff for Jul



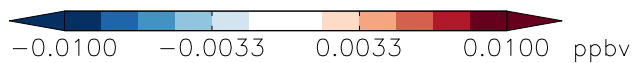
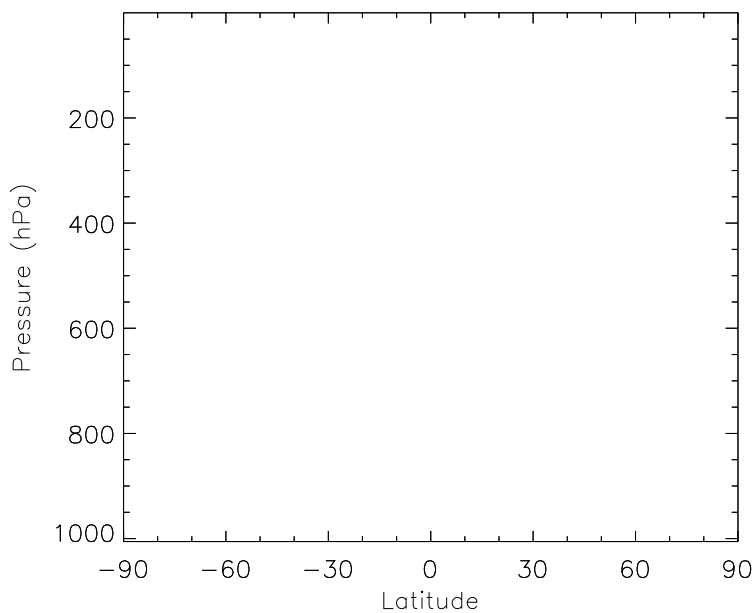
v11-01g-Run0 / v11-01f-geosp-Run0

HOBr - Zonal mean % diff for Jul



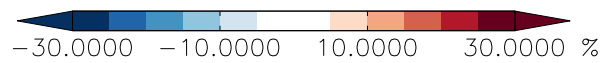
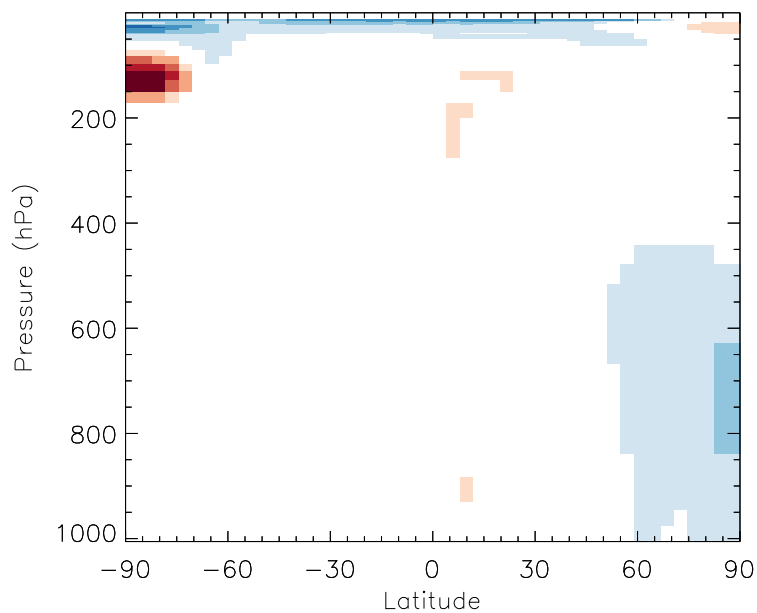
v11-01g-Run0 - v11-01d-Run1

HOBr - Zonal mean abs diff for Jul



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

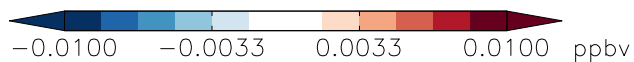
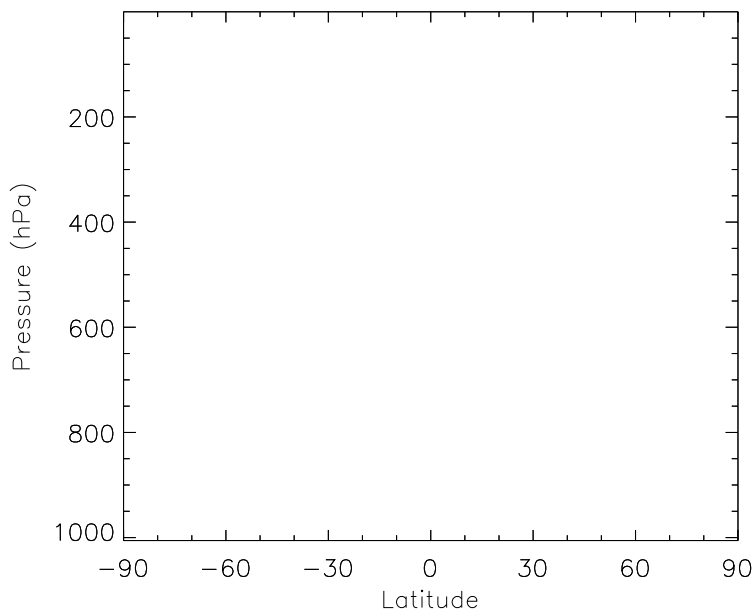
HOBr - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

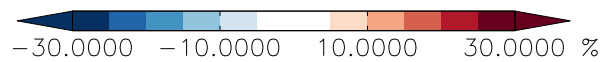
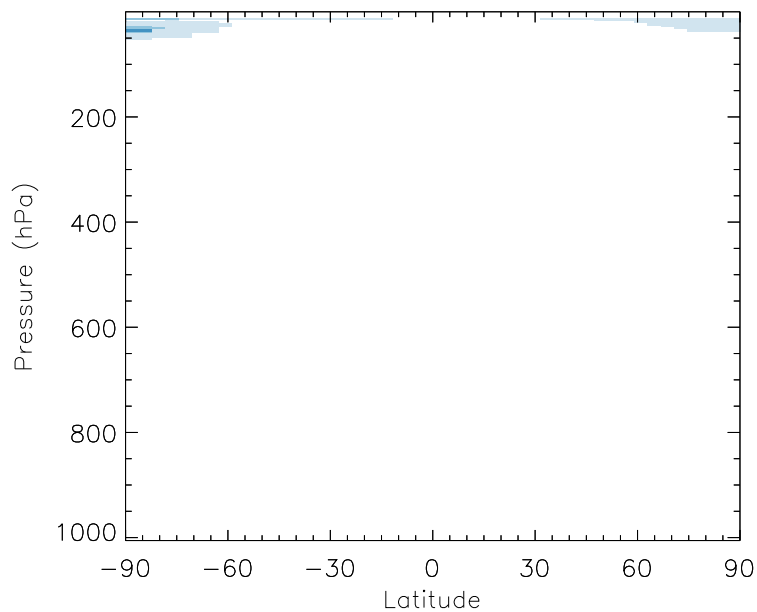
v11-01g-Run0 - v11-01f-geosfp-Run0

HBr - Zonal mean abs diff for Jul



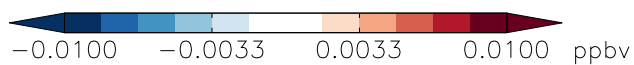
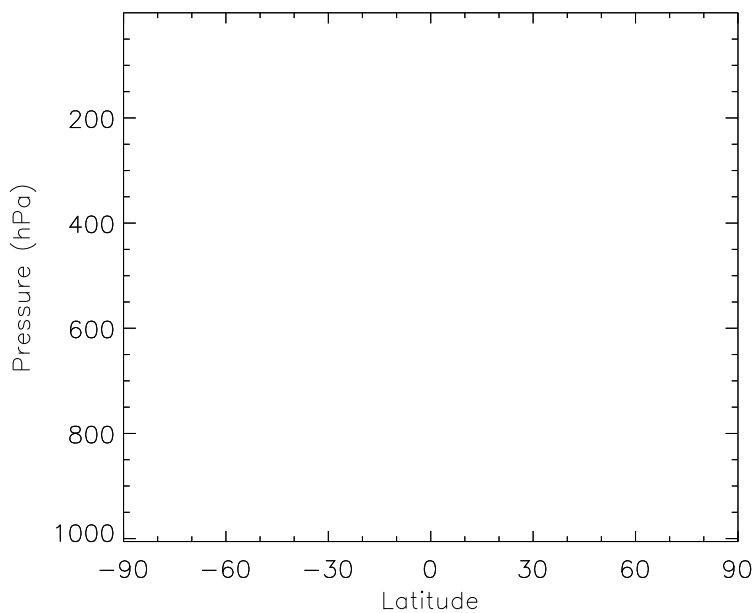
v11-01g-Run0 / v11-01f-geosfp-Run0

HBr - Zonal mean % diff for Jul



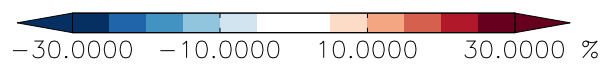
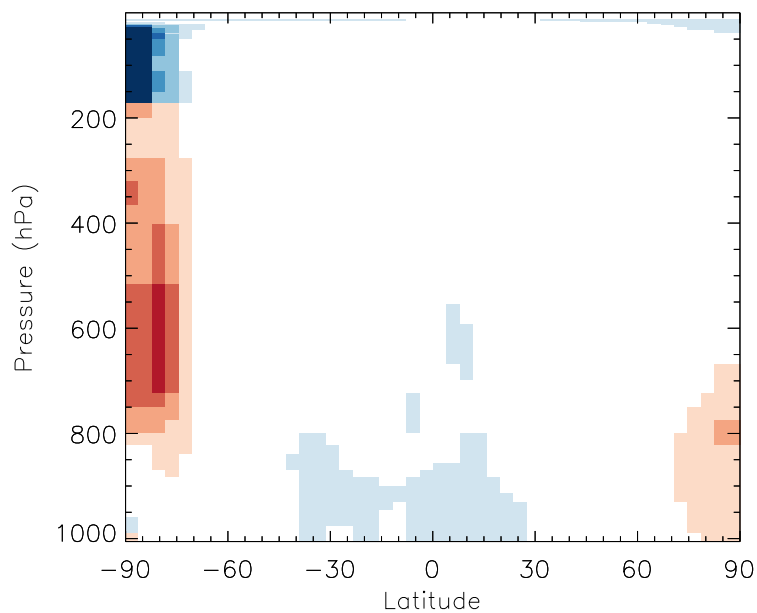
v11-01g-Run0 - v11-01d-Run1

HBr - Zonal mean abs diff for Jul



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

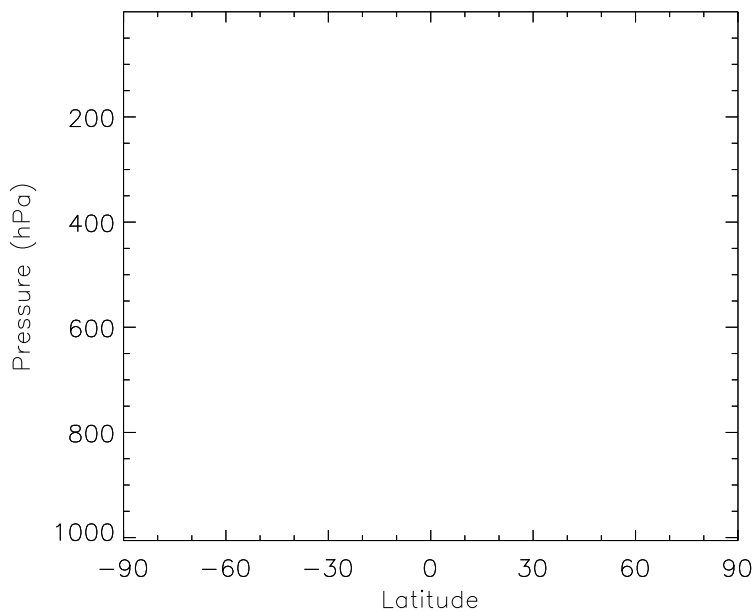
HBr - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

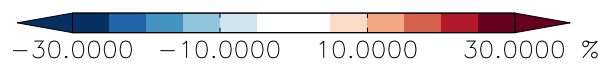
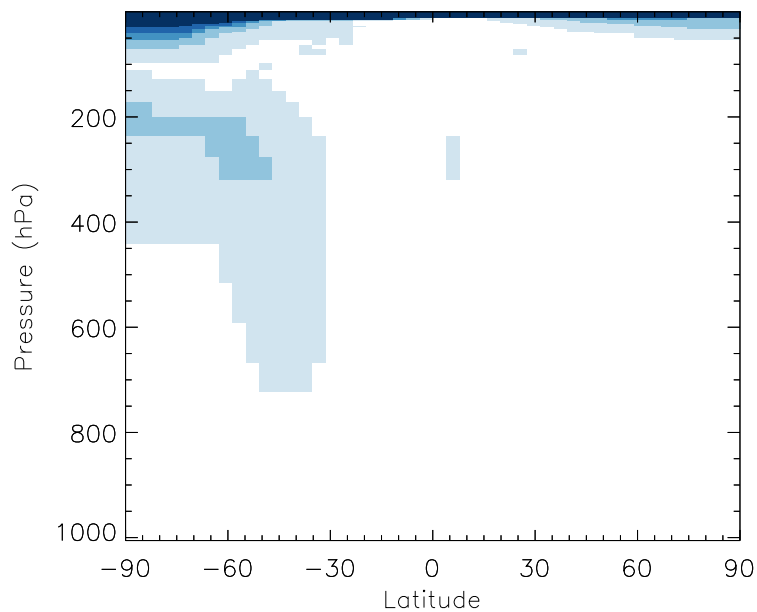
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO₂ - Zonal mean abs diff for Jul



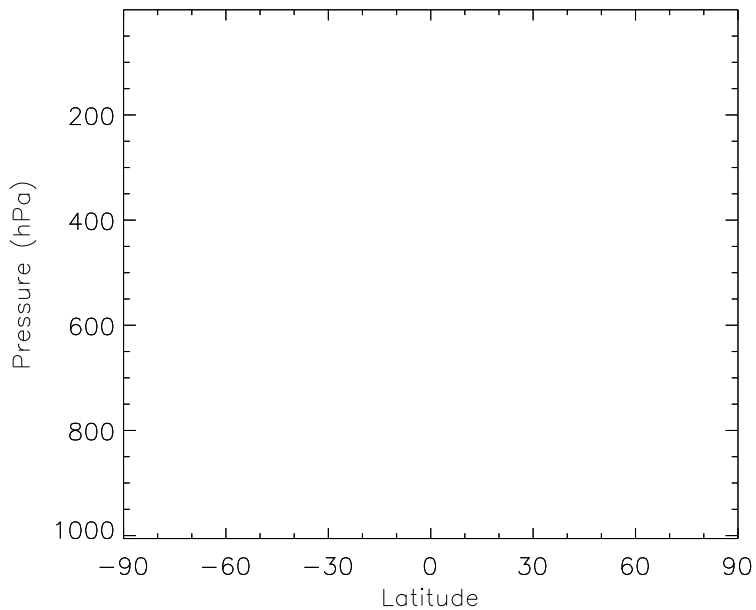
v11-01g-Run0 / v11-01f-geosfp-Run0

BrNO₂ - Zonal mean % diff for Jul



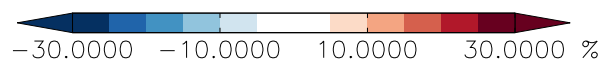
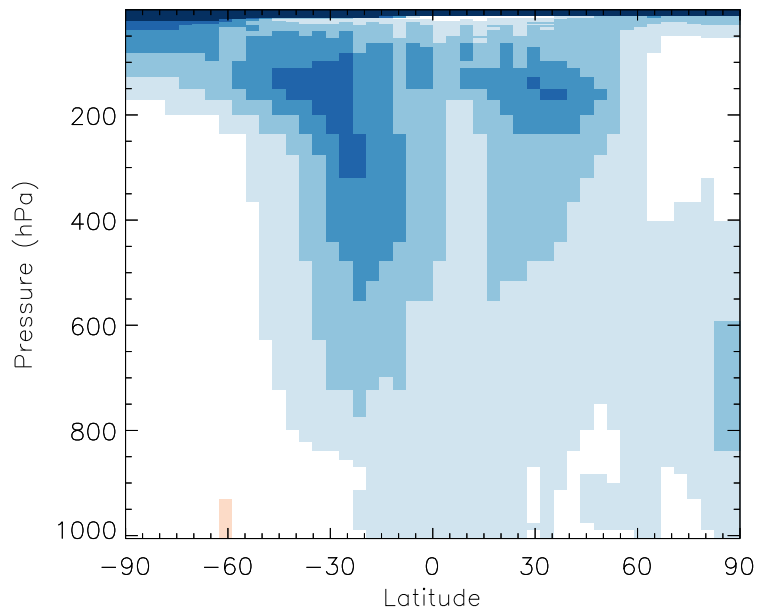
v11-01g-Run0 - v11-01d-Run1

BrNO₂ - Zonal mean abs diff for Jul



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

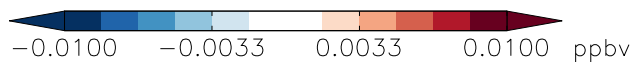
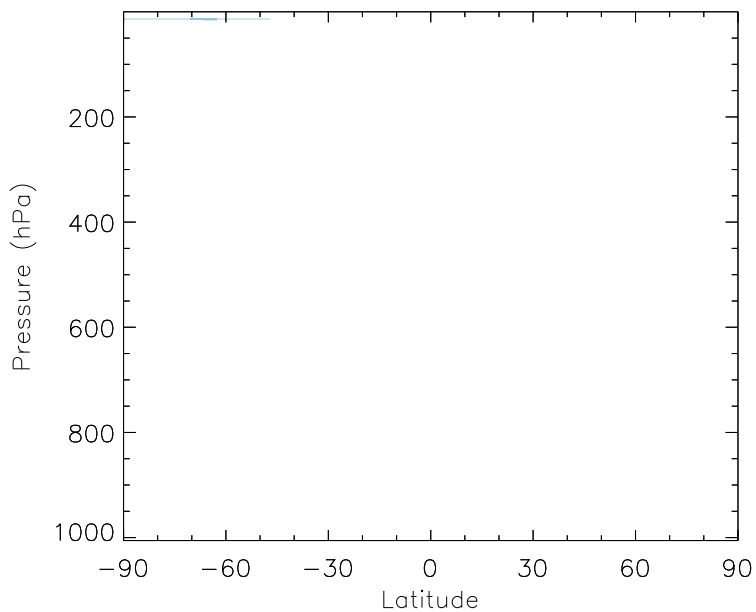
BrNO₂ - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

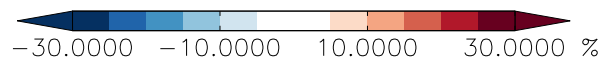
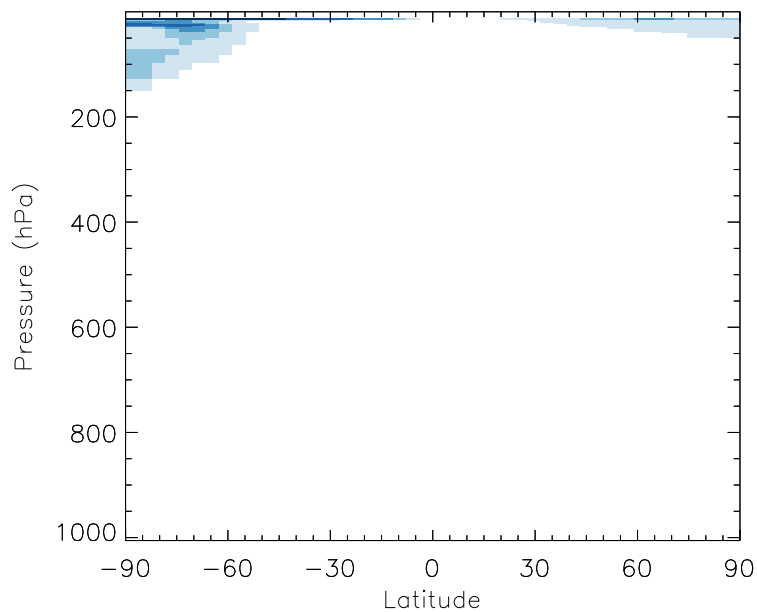
v11-01g-Run0 - v11-01f-geosfp-Run0

BrNO3 - Zonal mean abs diff for Jul



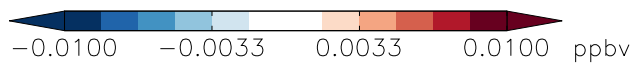
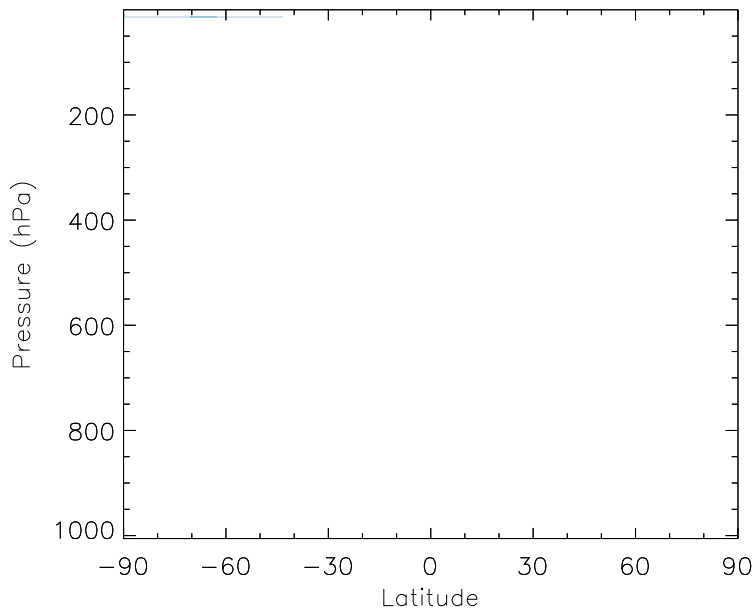
v11-01g-Run0 / v11-01f-geosfp-Run0

BrNO3 - Zonal mean % diff for Jul



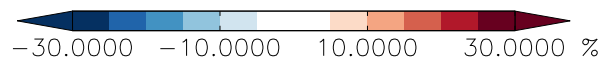
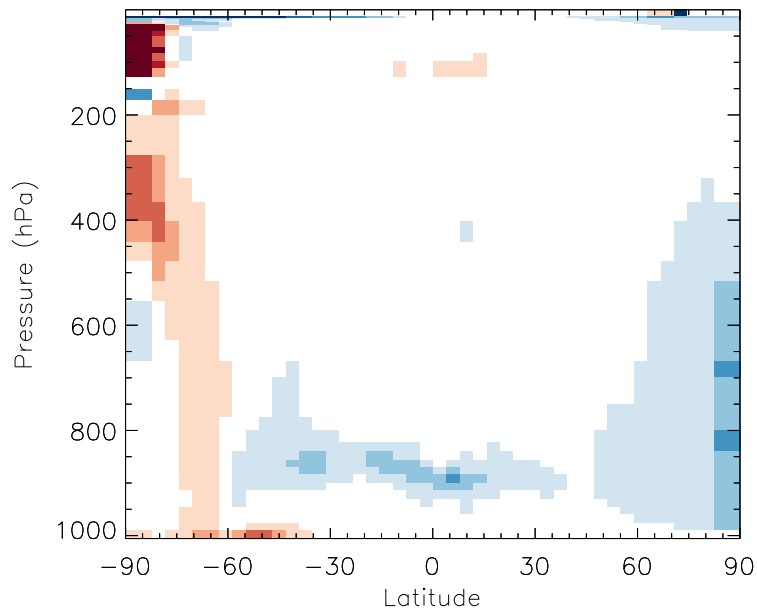
v11-01g-Run0 - v11-01d-Run1

BrNO3 - Zonal mean abs diff for Jul



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

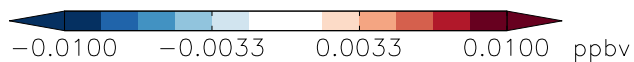
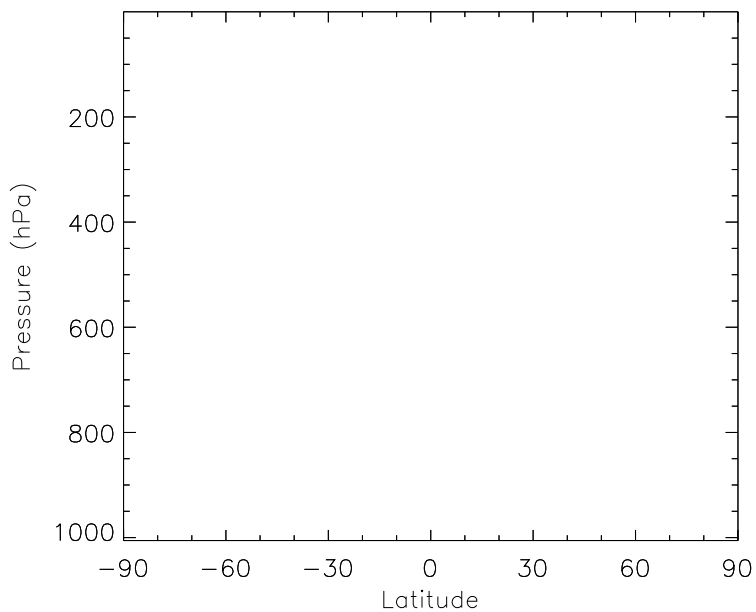
BrNO3 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

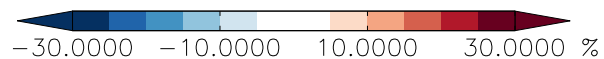
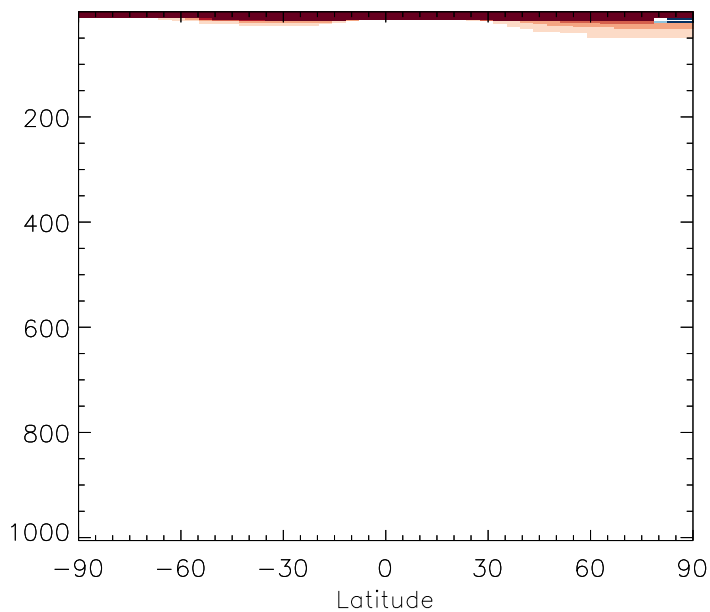
v11-01g-Run0 - v11-01f-geosfp-Run0

CHBr3 - Zonal mean abs diff for Jul



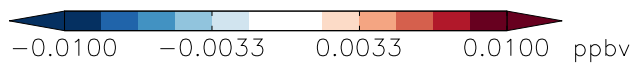
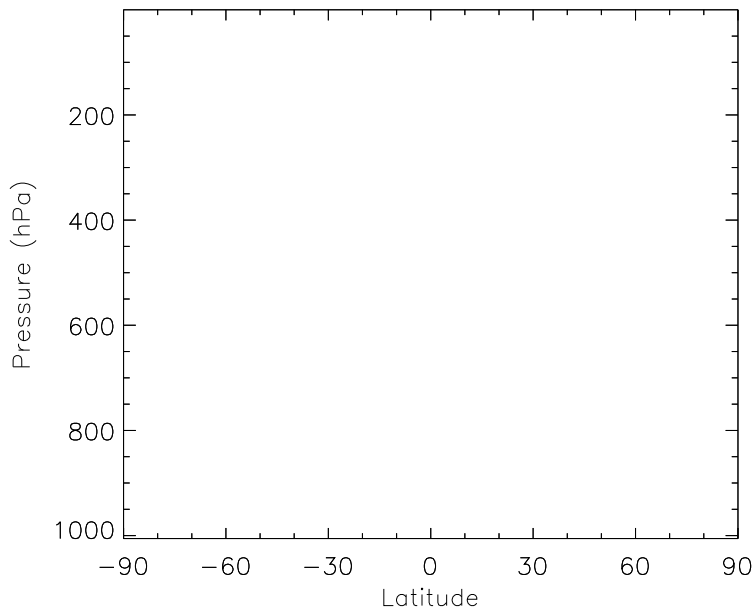
v11-01g-Run0 / v11-01f-geosfp-Run0

CHBr3 - Zonal mean % diff for Jul



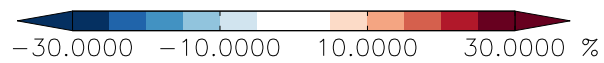
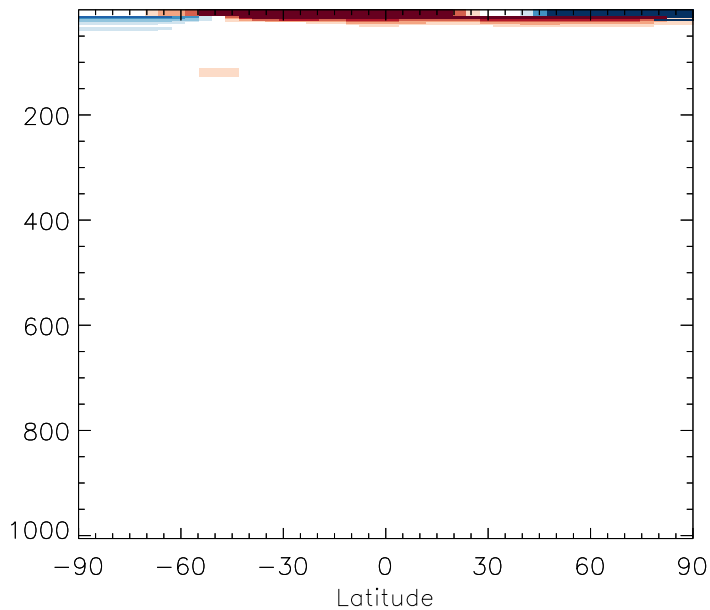
v11-01g-Run0 - v11-01d-Run1

CHBr3 - Zonal mean abs diff for Jul



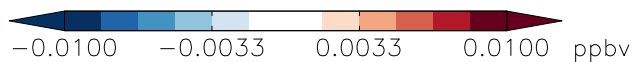
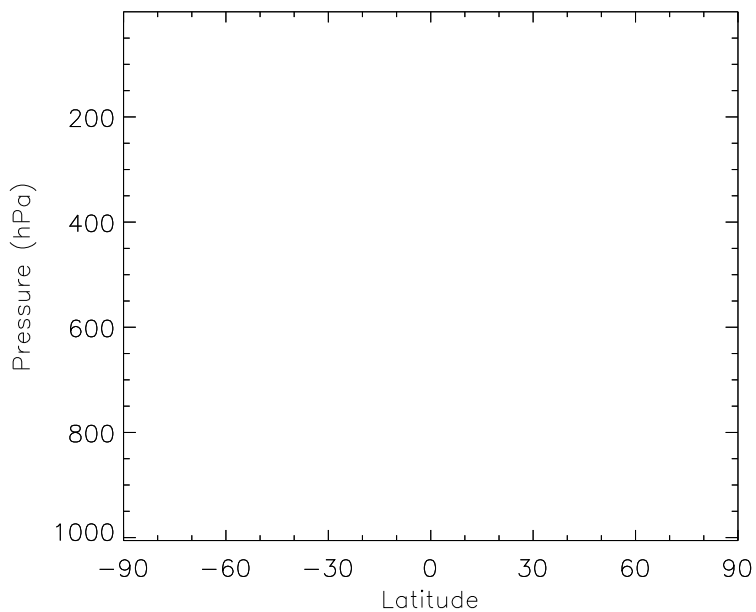
v11-01g-Run0 / v11-01d-Run1

CHBr3 - Zonal mean % diff for Jul

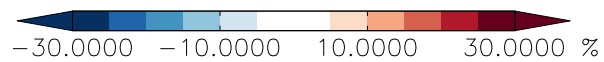
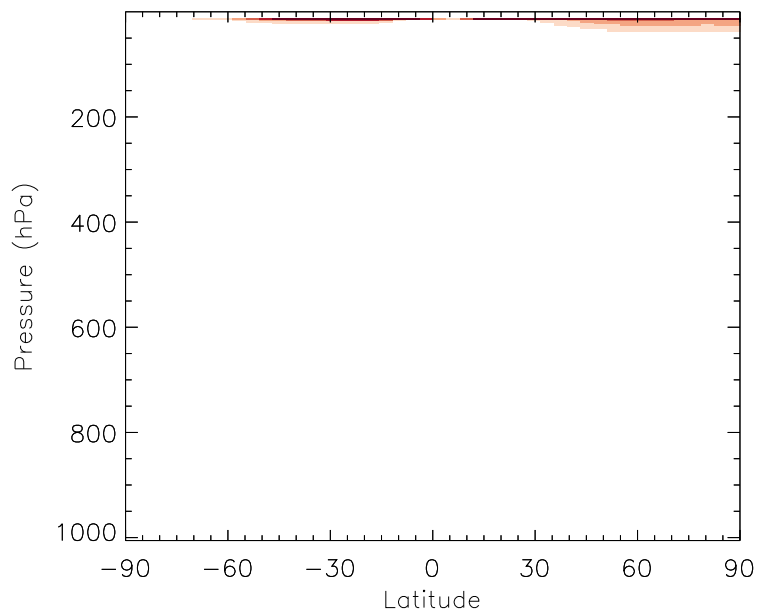


GEOS-Chem Zonal Difference Maps

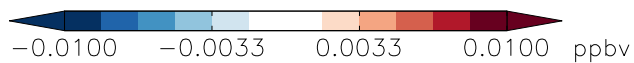
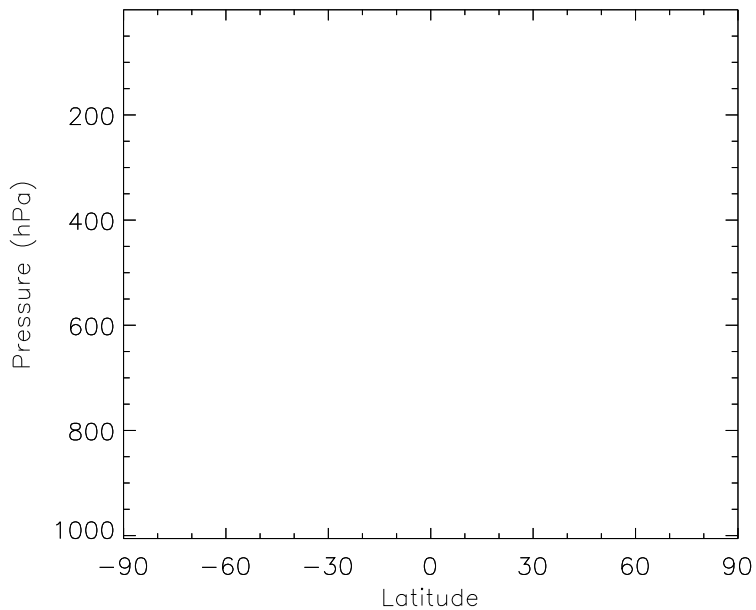
v11-01g-Run0 - v11-01f-geosfp-Run0
CH2Br2 - Zonal mean abs diff for Jul



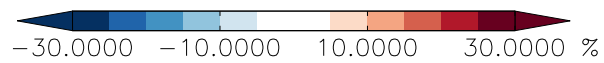
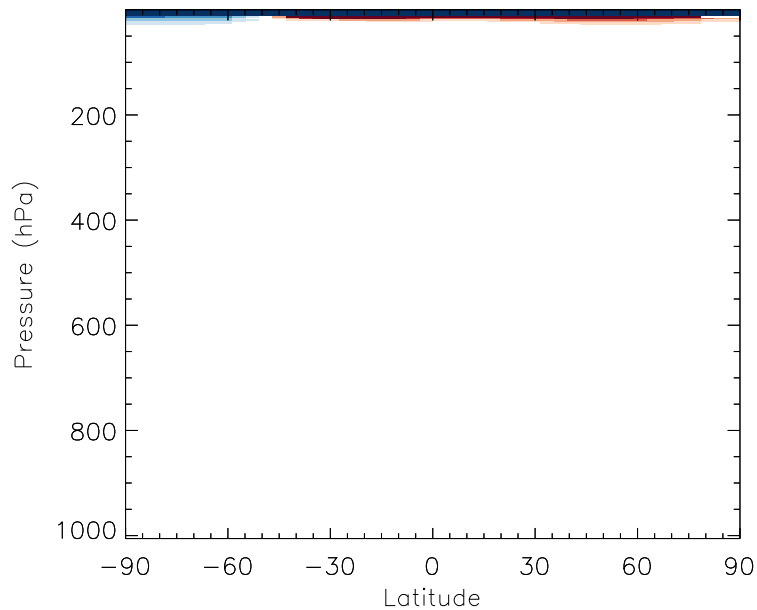
v11-01g-Run0 / v11-01f-geosfp-Run0
CH2Br2 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
CH2Br2 - Zonal mean abs diff for Jul



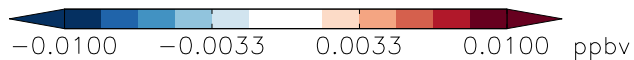
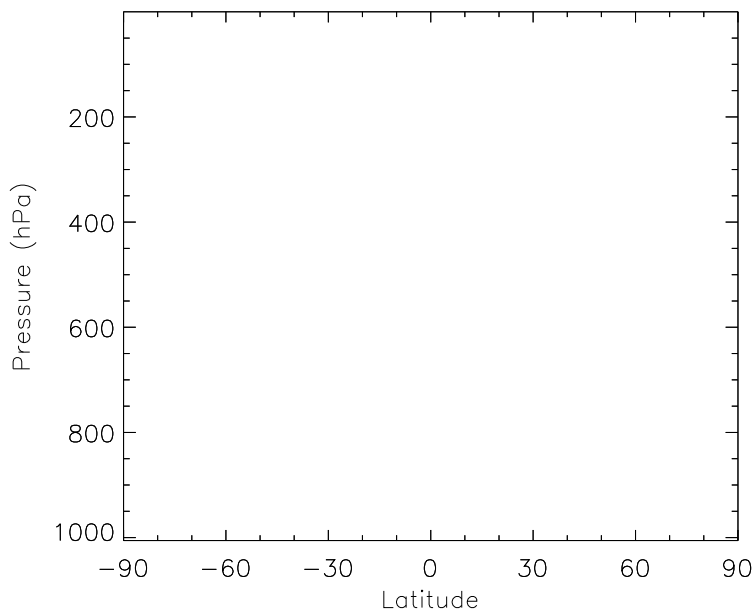
v11-01g-Run0 / v11-01d-Run1
CH2Br2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

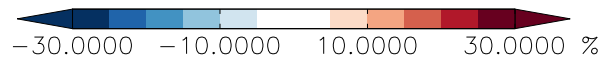
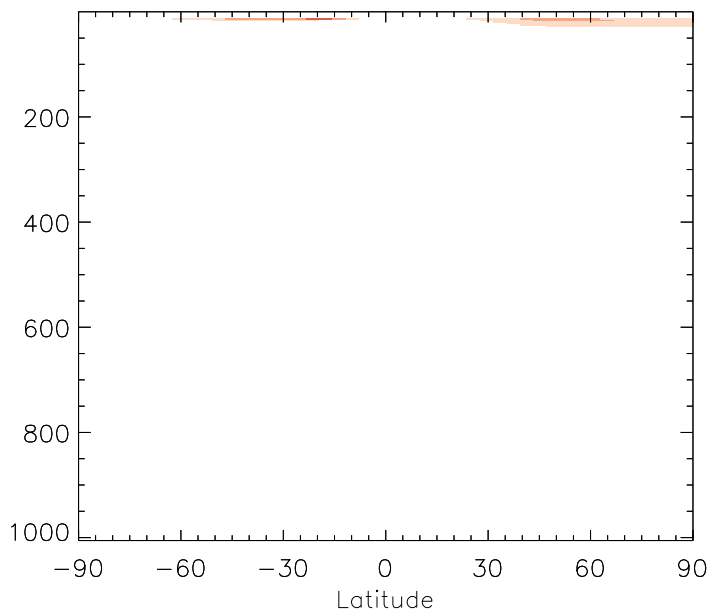
v11-01g-Run0 - v11-01f-geosfp-Run0

CH3Br - Zonal mean abs diff for Jul



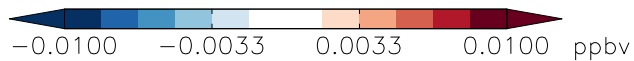
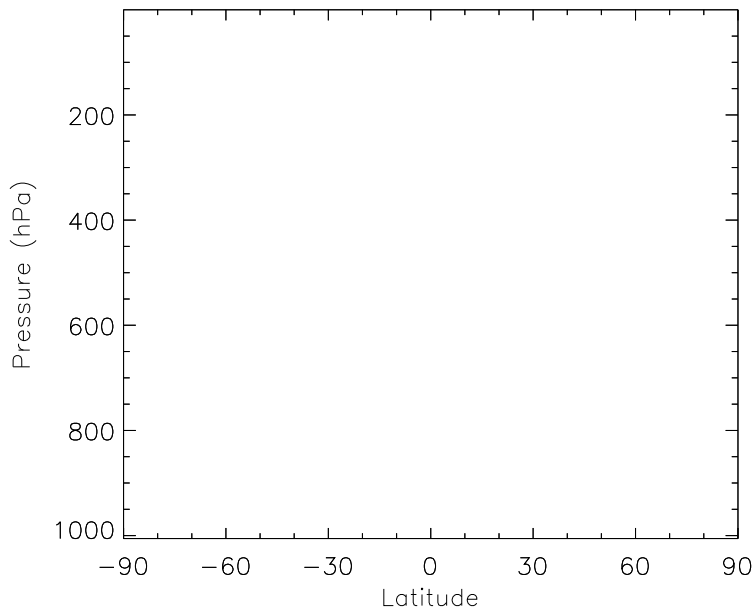
v11-01g-Run0 / v11-01f-geosfp-Run0

CH3Br - Zonal mean % diff for Jul



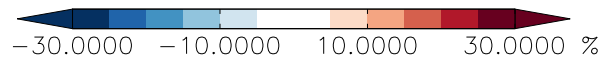
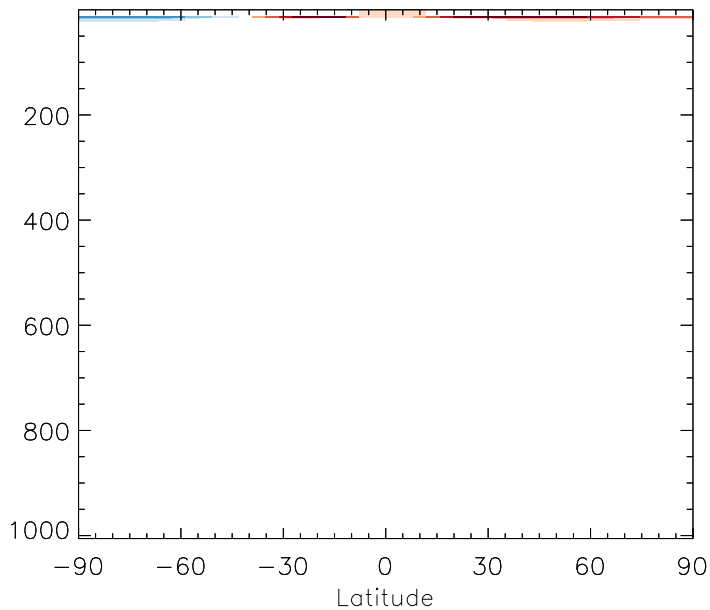
v11-01g-Run0 - v11-01d-Run1

CH3Br - Zonal mean abs diff for Jul



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

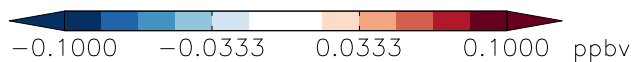
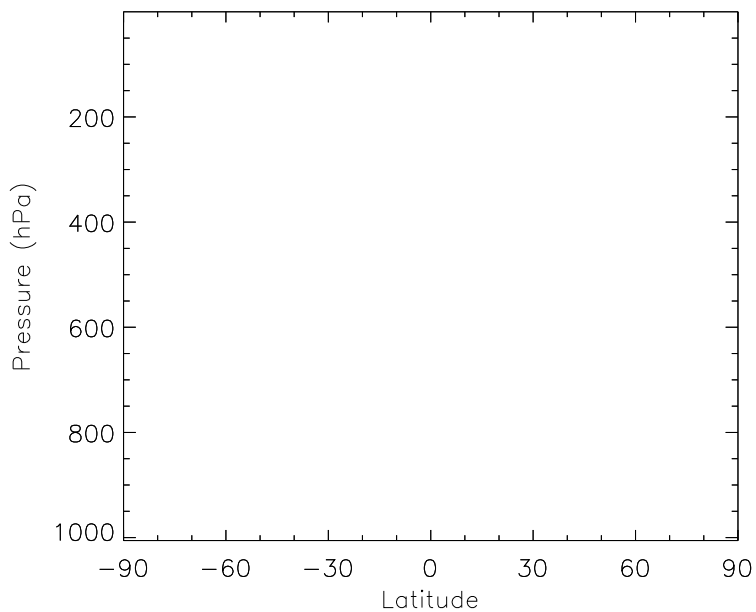
CH3Br - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

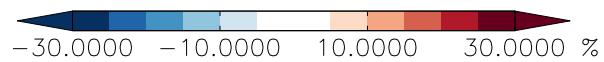
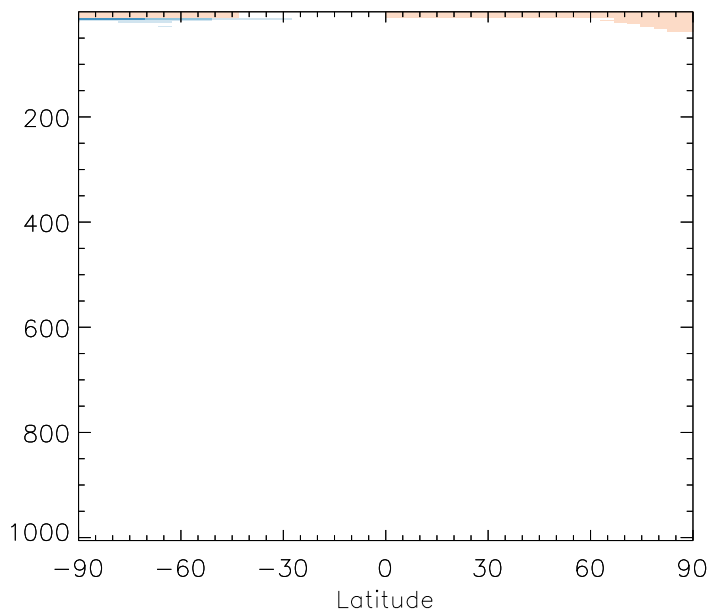
v11-01g-Run0 - v11-01f-geosfp-Run0

MPN - Zonal mean abs diff for Jul



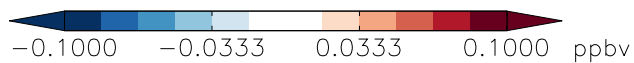
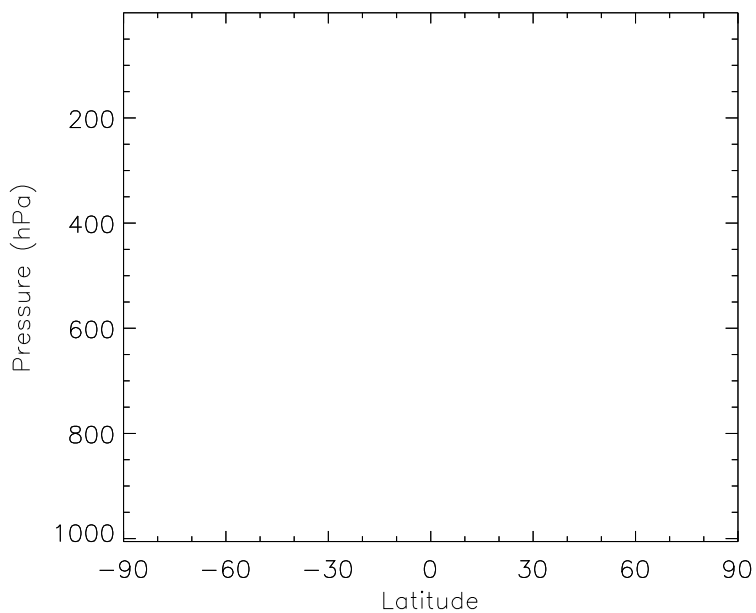
v11-01g-Run0 / v11-01f-geosfp-Run0

MPN - Zonal mean % diff for Jul



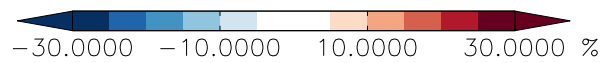
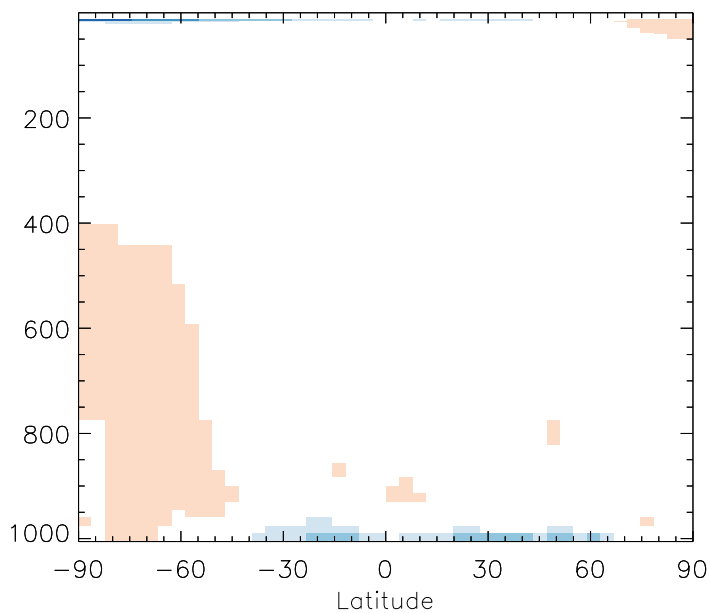
v11-01g-Run0 - v11-01d-Run1

MPN - Zonal mean abs diff for Jul



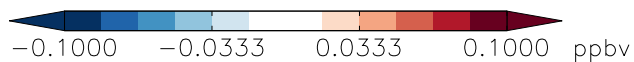
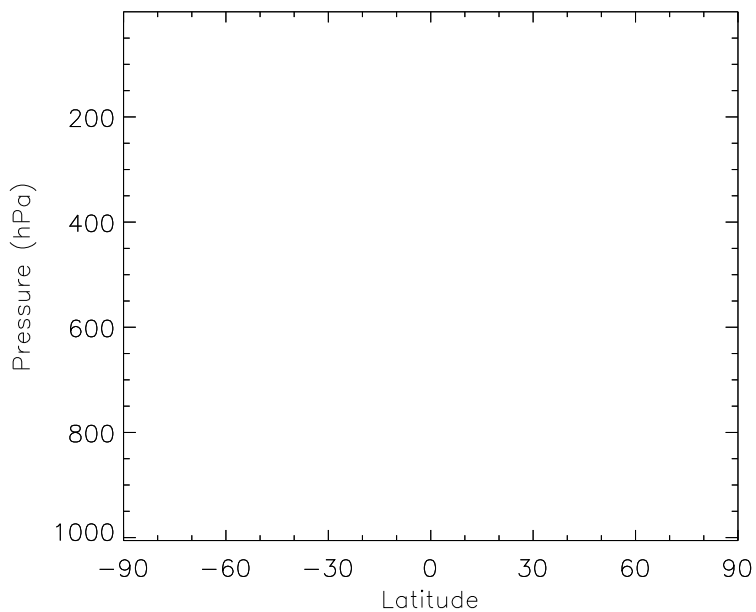
v11-01g-Run0 / v11-01d-Run1

MPN - Zonal mean % diff for Jul

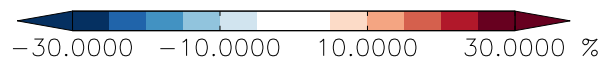
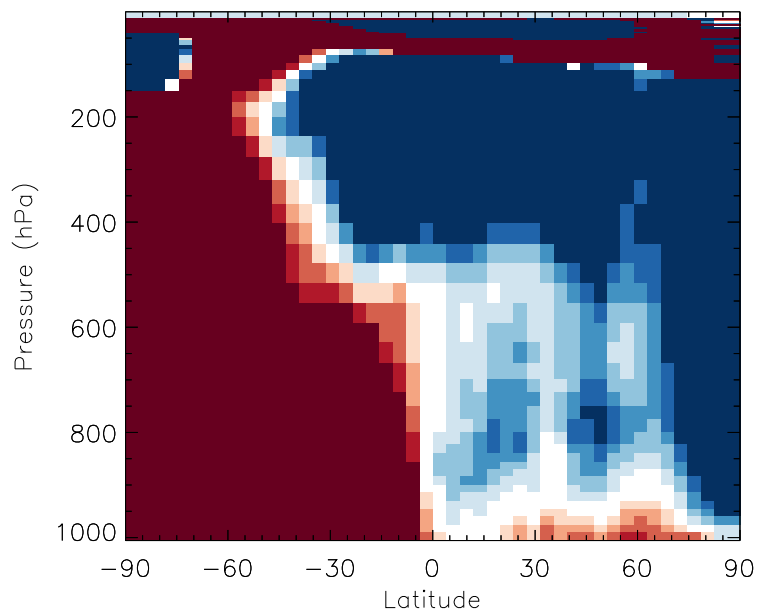


GEOS-Chem Zonal Difference Maps

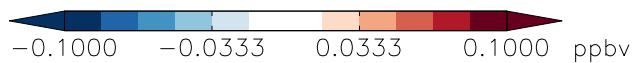
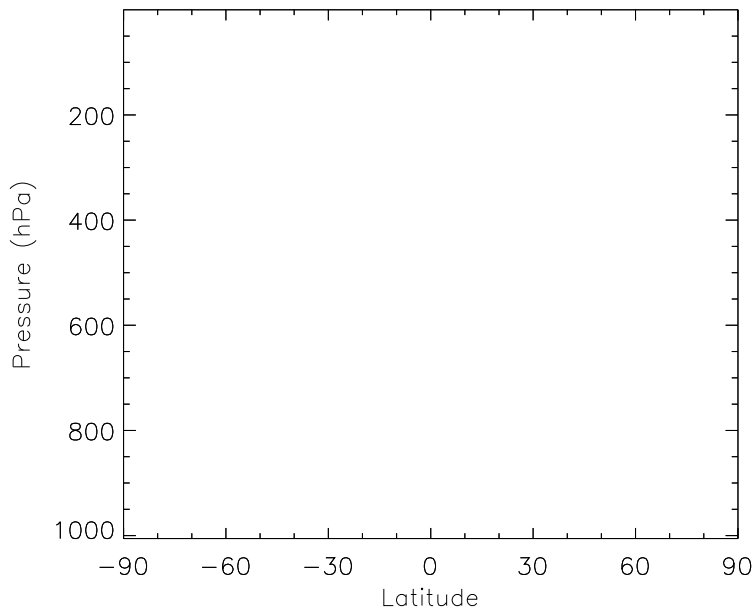
v11-01g-Run0 - v11-01f-geosfp-Run0
ISOPND - Zonal mean abs diff for Jul



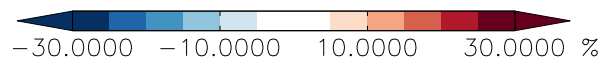
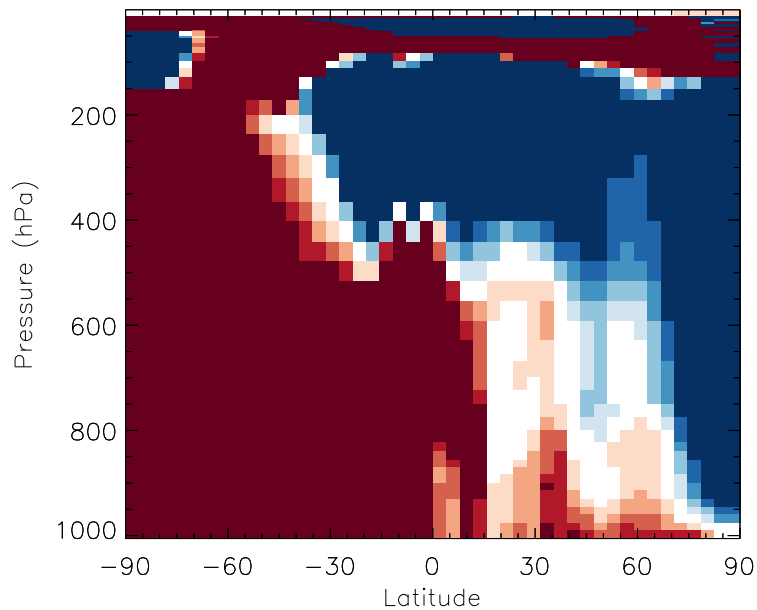
v11-01g-Run0 / v11-01f-geosfp-Run0
ISOPND - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
ISOPND - Zonal mean abs diff for Jul

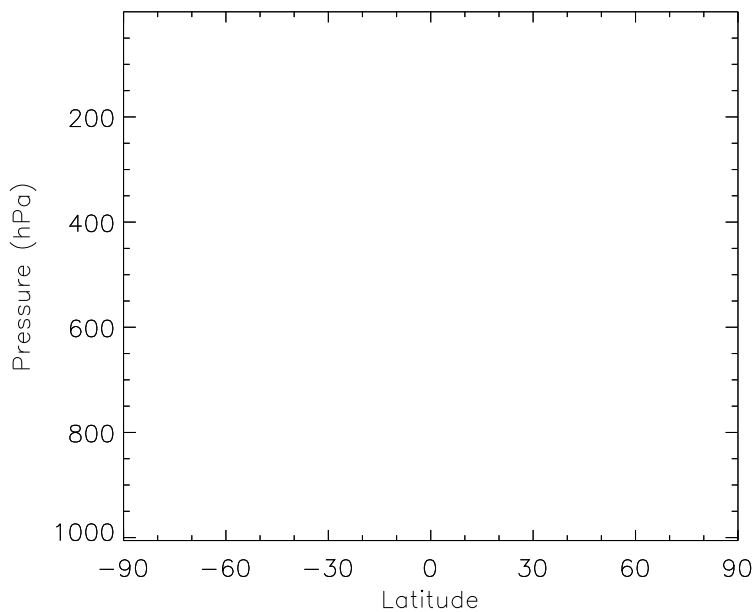


v11-01g-Run0 / v11-01d-Run1
ISOPND - Zonal mean % diff for Jul

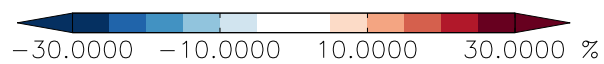
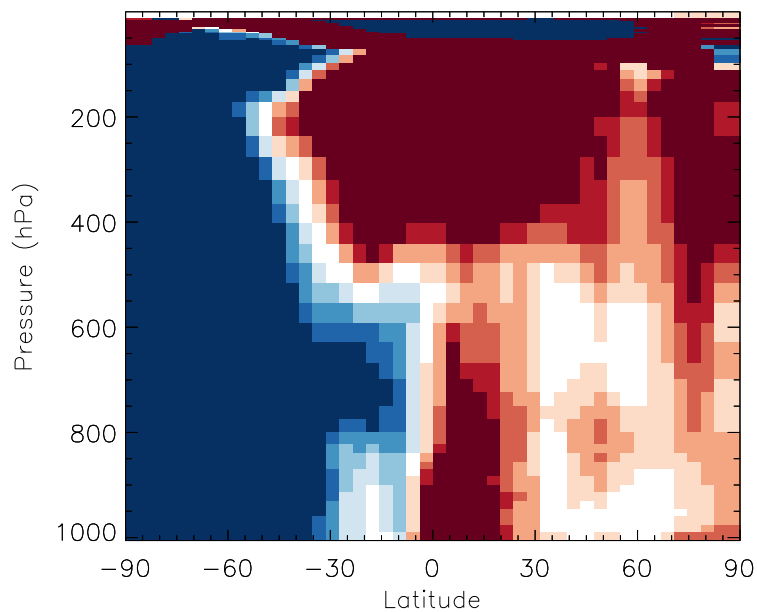


GEOS-Chem Zonal Difference Maps

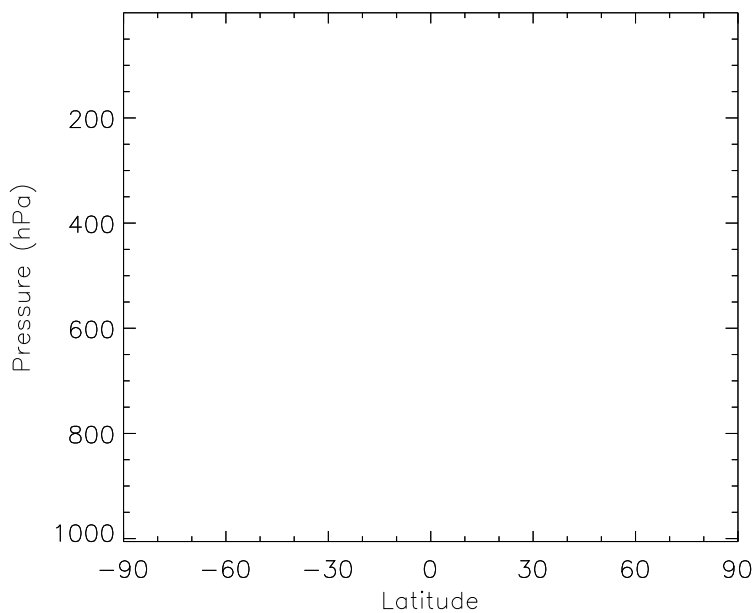
v11-01g-Run0 - v11-01f-geosfp-Run0
ISOPNB - Zonal mean abs diff for Jul



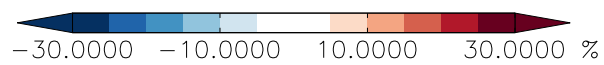
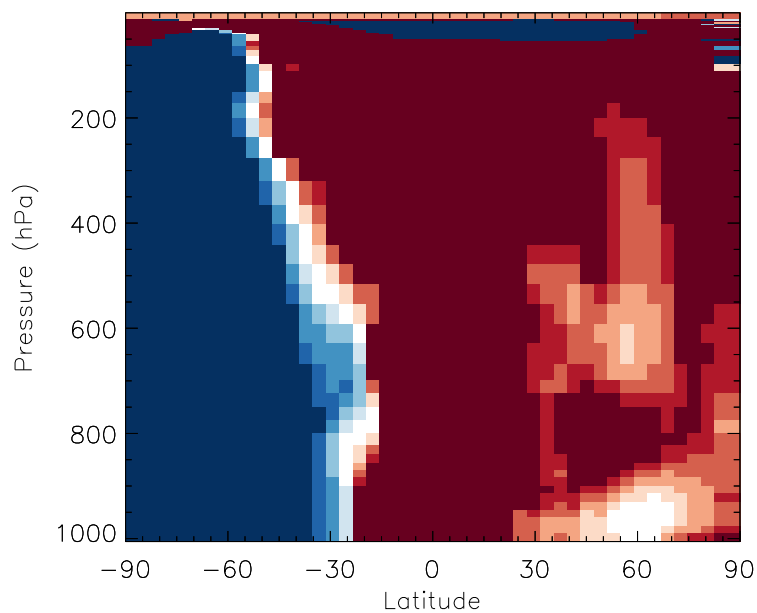
v11-01g-Run0 / v11-01f-geosfp-Run0
ISOPNB - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
ISOPNB - Zonal mean abs diff for Jul



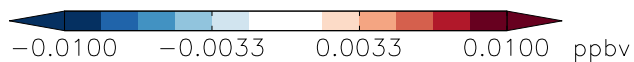
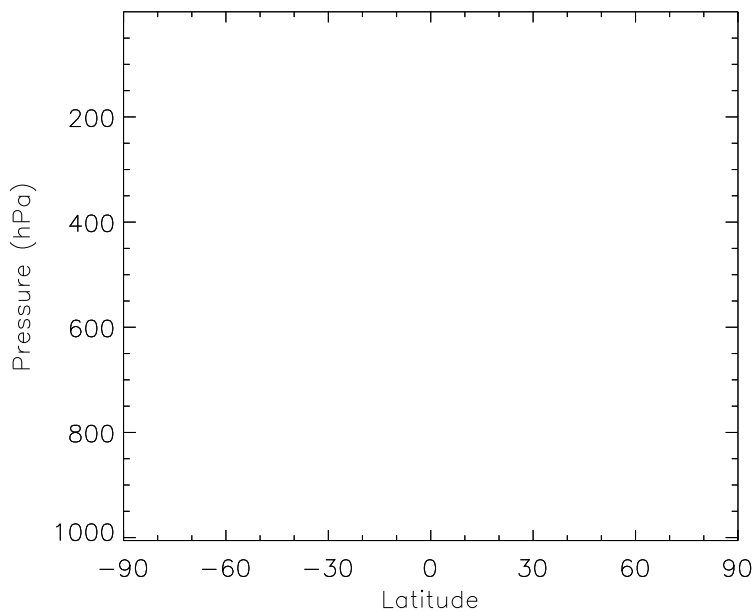
v11-01g-Run0 / v11-01d-Run1
ISOPNB - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

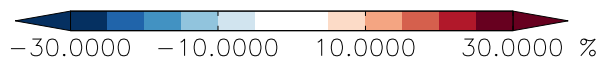
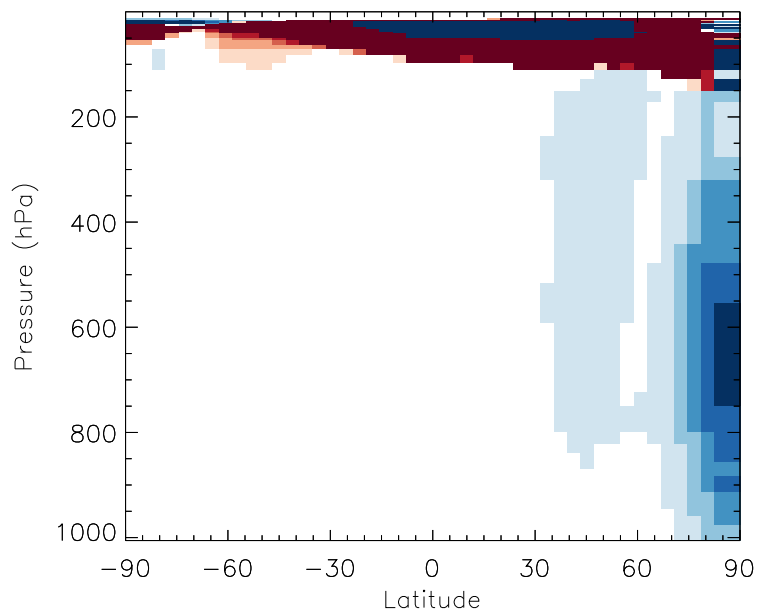
v11-01g-Run0 - v11-01f-geosfp-Run0

MOBA - Zonal mean abs diff for Jul



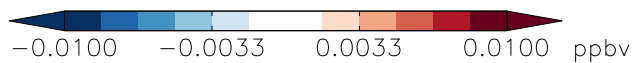
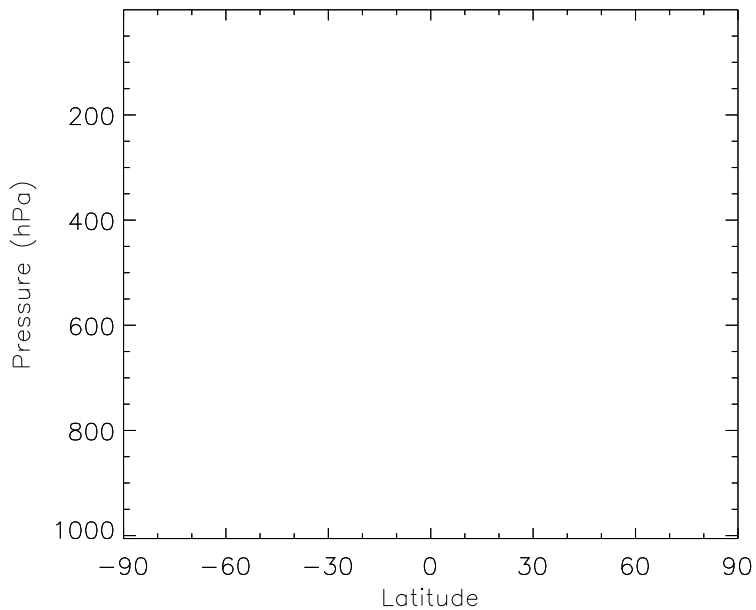
v11-01g-Run0 / v11-01f-geosfp-Run0

MOBA - Zonal mean % diff for Jul



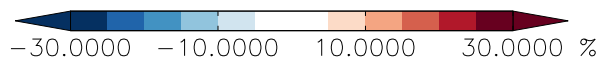
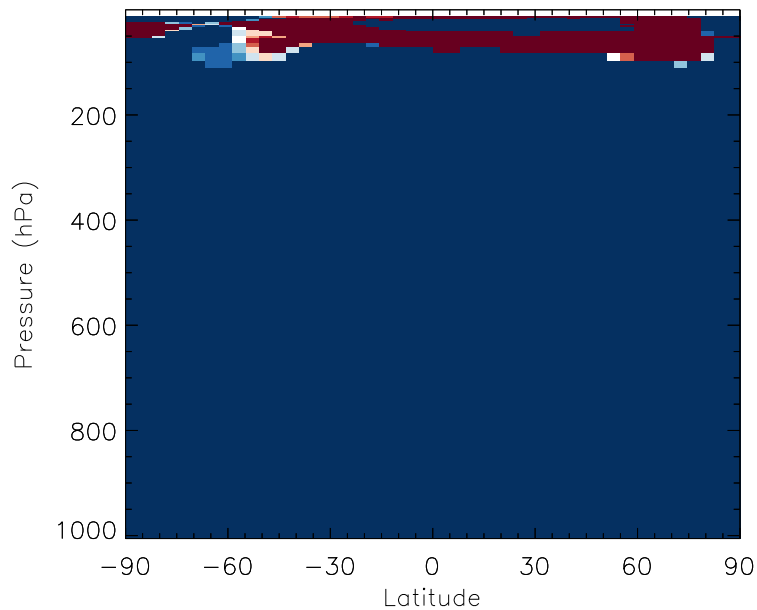
v11-01g-Run0 - v11-01d-Run1

MOBA - Zonal mean abs diff for Jul



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

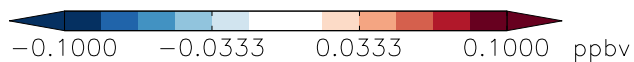
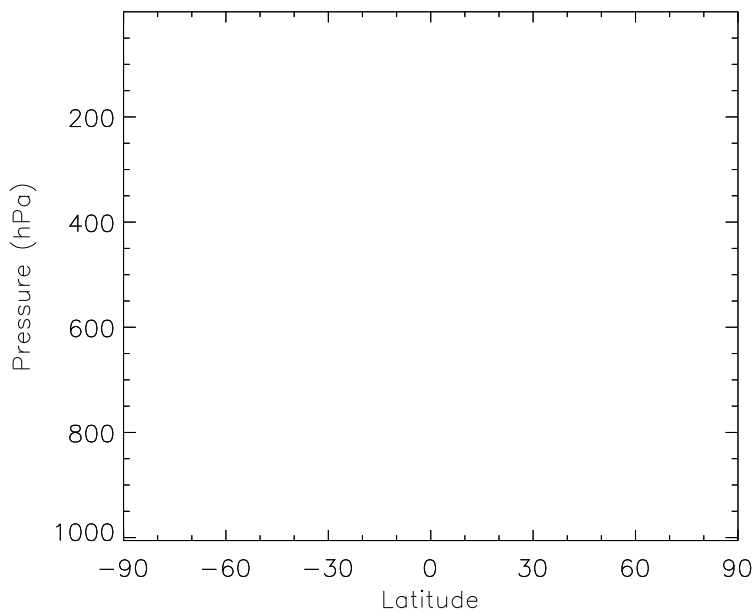
MOBA - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

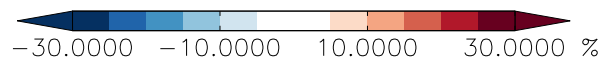
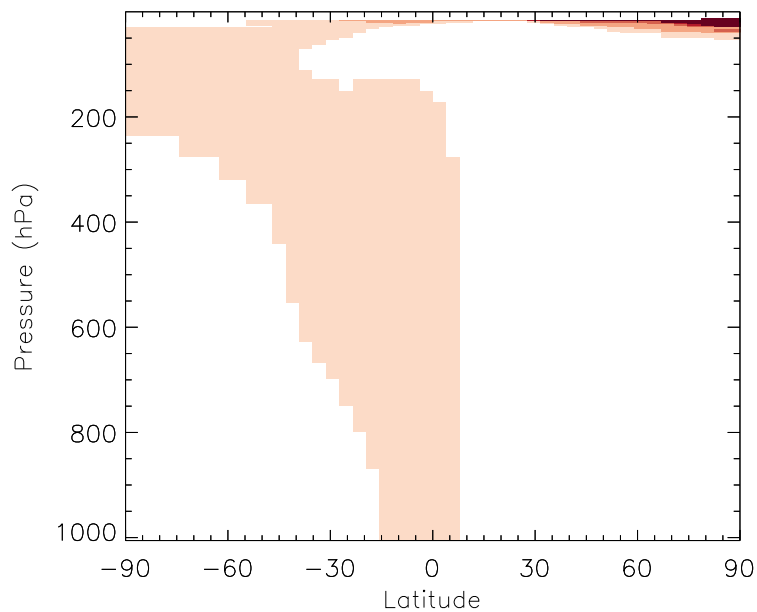
v11-01g-Run0 - v11-01f-geosfp-Run0

PROPNN - Zonal mean abs diff for Jul



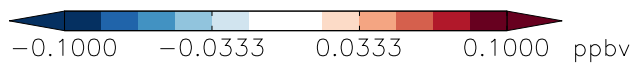
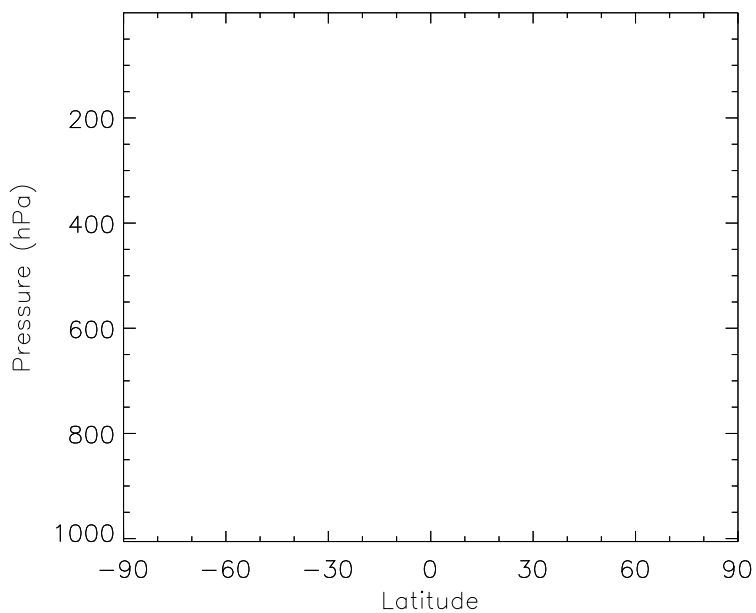
v11-01g-Run0 / v11-01f-geosfp-Run0

PROPNN - Zonal mean % diff for Jul



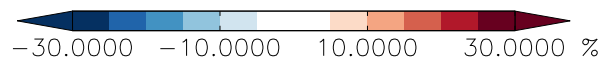
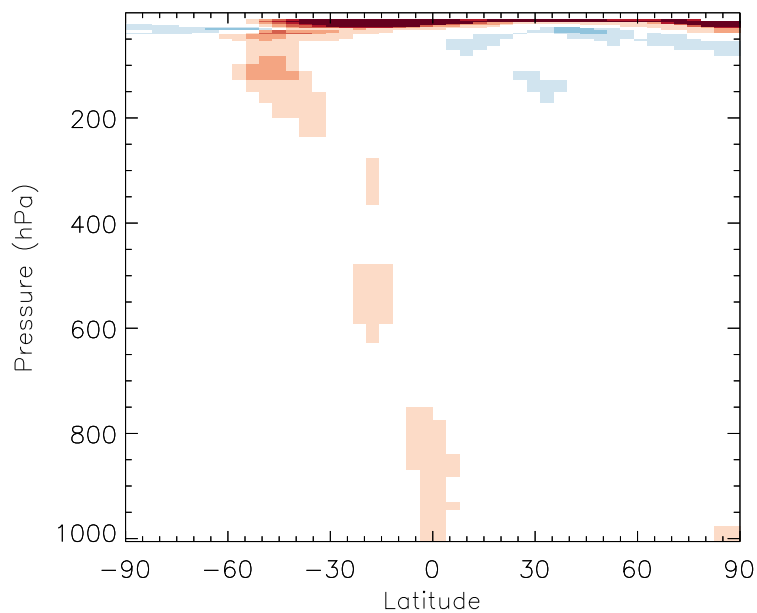
v11-01g-Run0 - v11-01d-Run1

PROPNN - Zonal mean abs diff for Jul



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

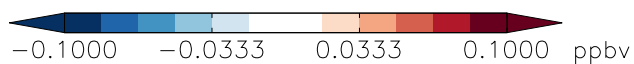
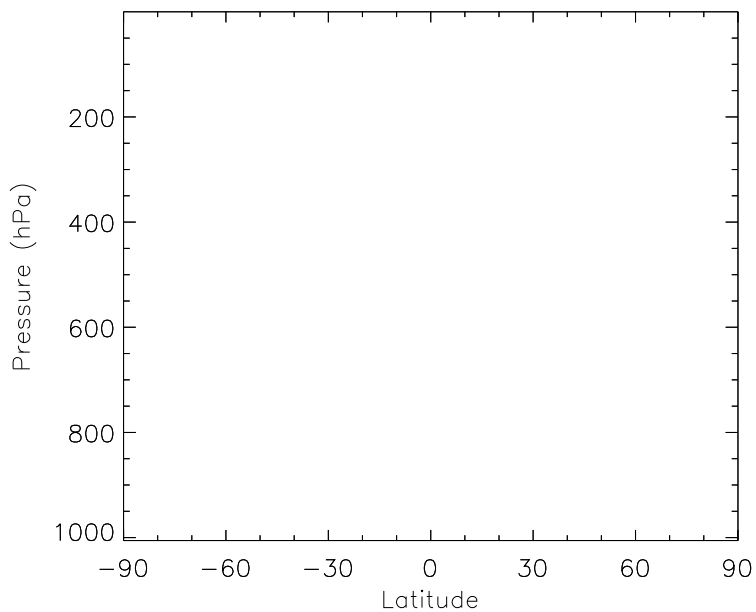
PROPNN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

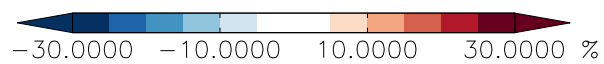
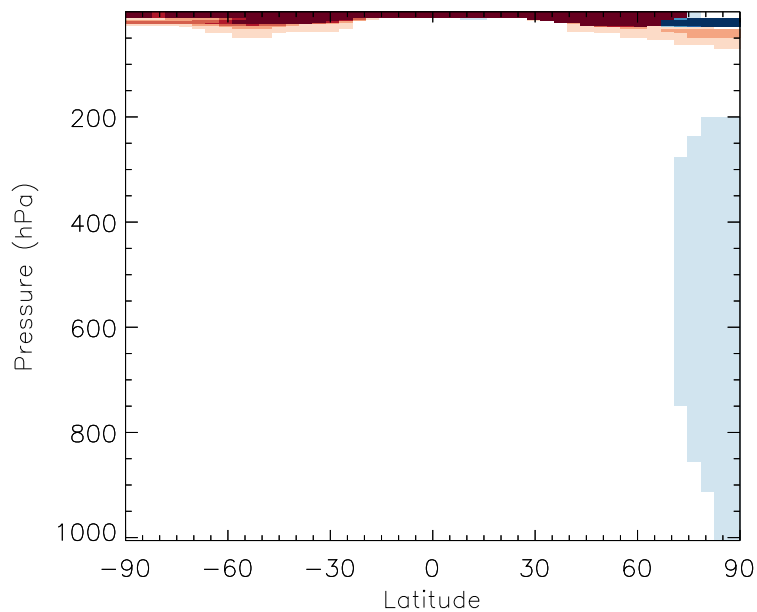
v11-01g-Run0 - v11-01f-geosfp-Run0

HAC - Zonal mean abs diff for Jul



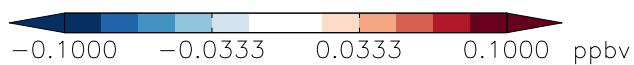
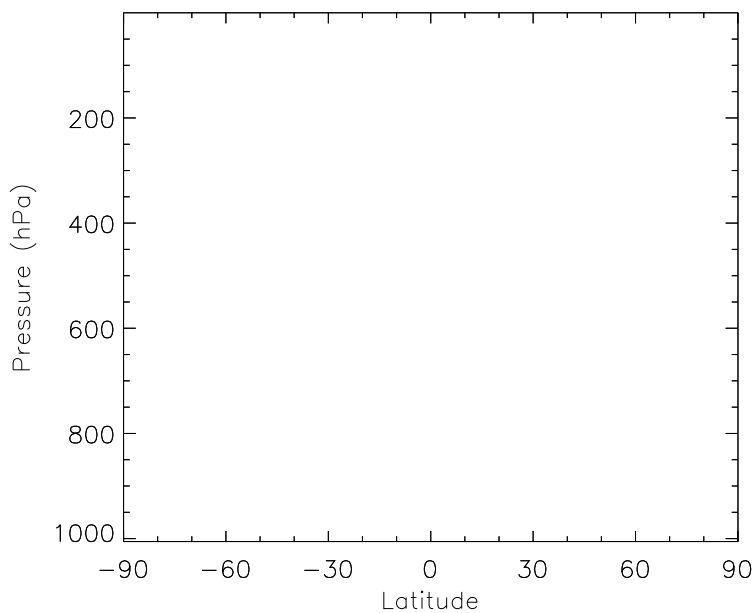
v11-01g-Run0 / v11-01f-geosfp-Run0

HAC - Zonal mean % diff for Jul



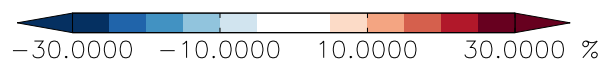
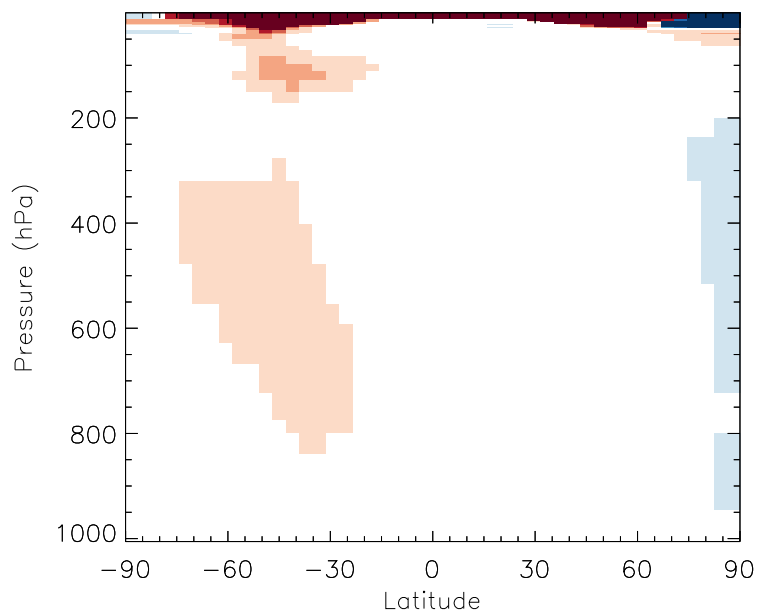
v11-01g-Run0 - v11-01d-Run1

HAC - Zonal mean abs diff for Jul



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

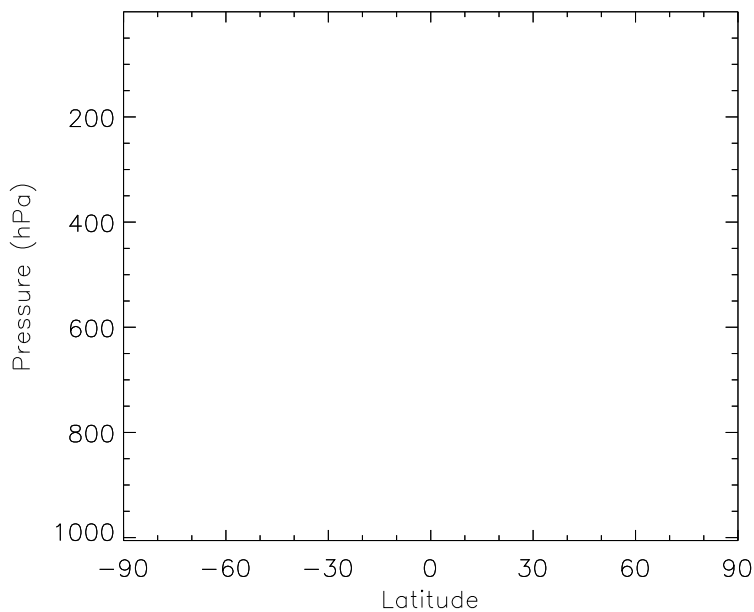
HAC - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

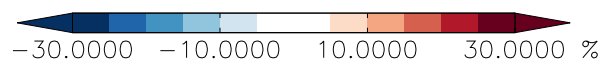
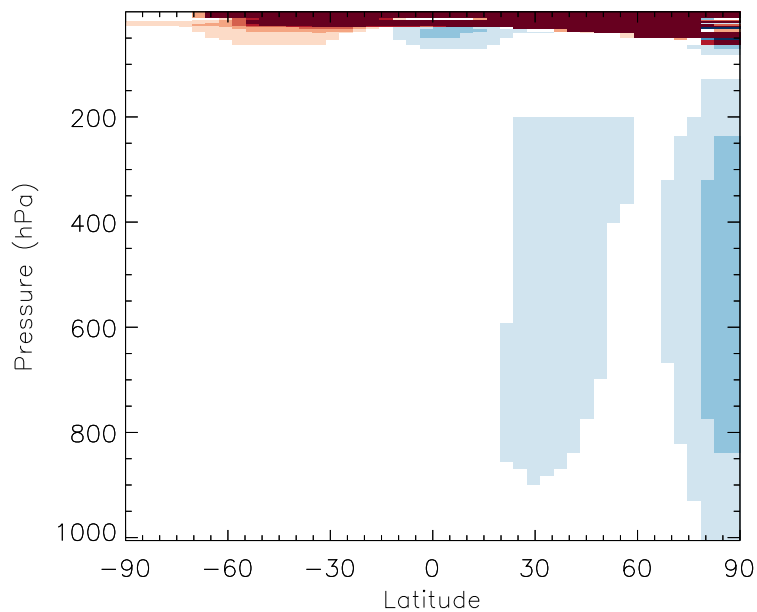
v11-01g-Run0 - v11-01f-geosfp-Run0

GLYC - Zonal mean abs diff for Jul



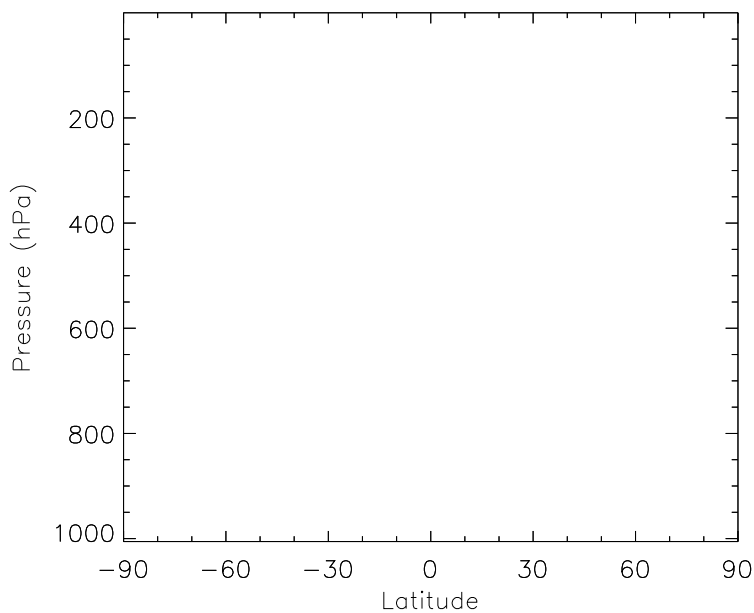
v11-01g-Run0 / v11-01f-geosfp-Run0

GLYC - Zonal mean % diff for Jul



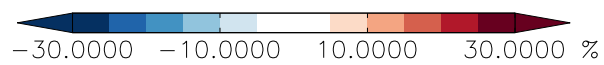
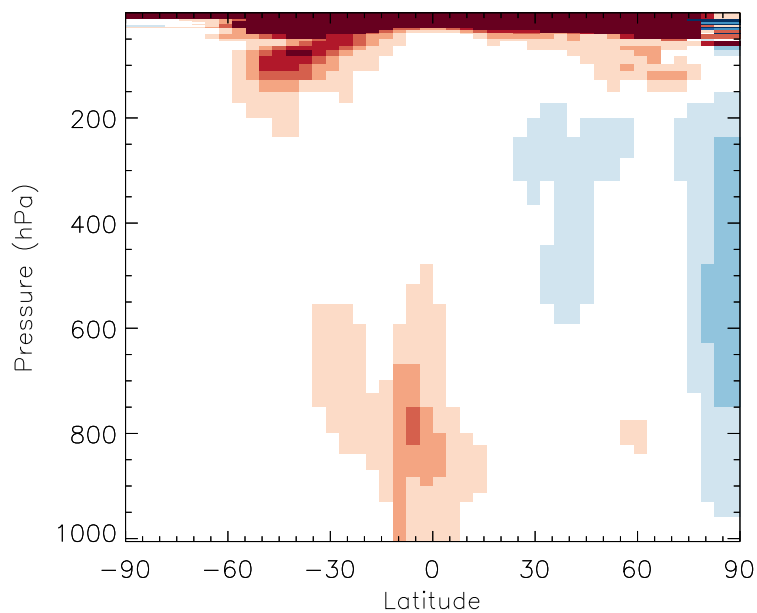
v11-01g-Run0 - v11-01d-Run1

GLYC - Zonal mean abs diff for Jul



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

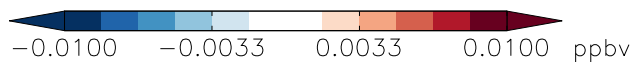
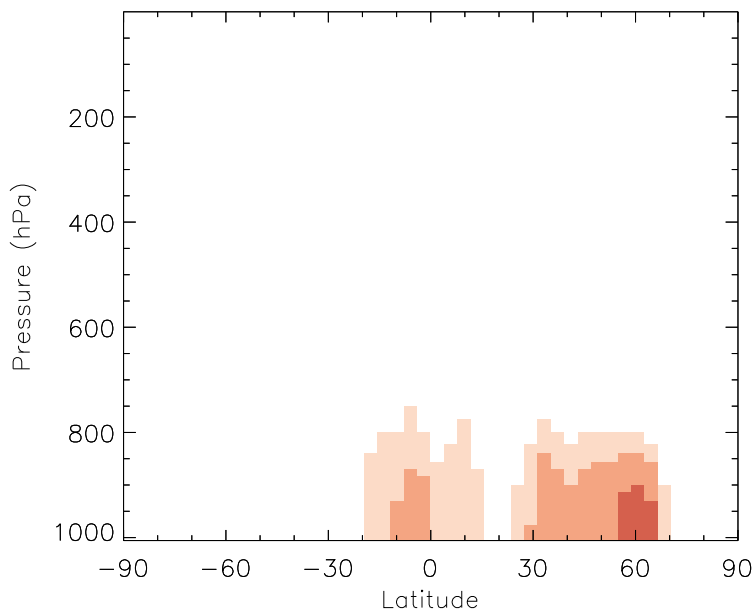
GLYC - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

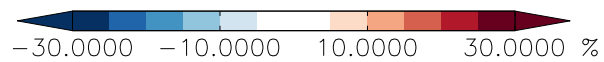
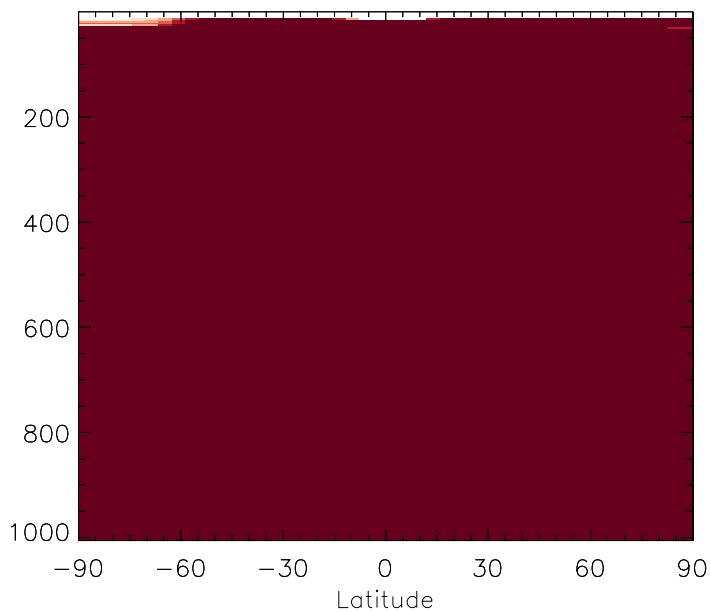
v11-01g-Run0 - v11-01f-geosfp-Run0

MVKN - Zonal mean abs diff for Jul



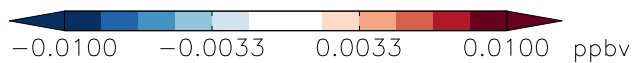
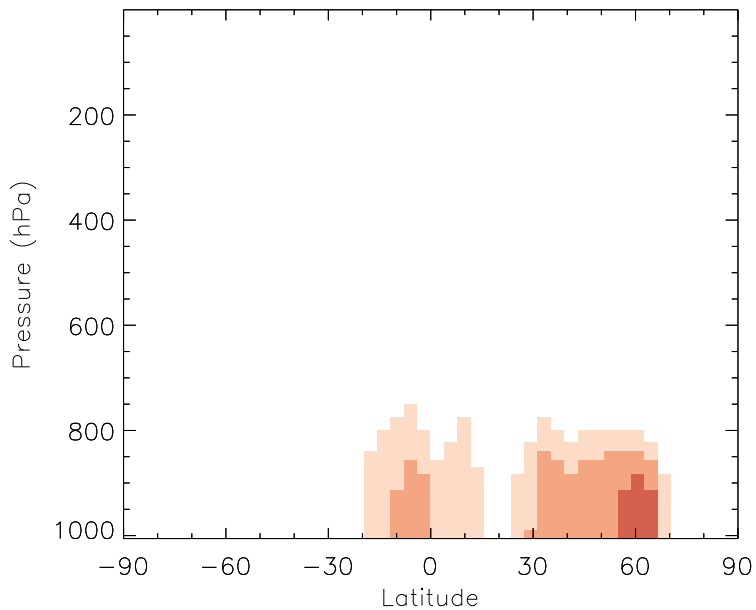
v11-01g-Run0 / v11-01f-geosfp-Run0

MVKN - Zonal mean % diff for Jul



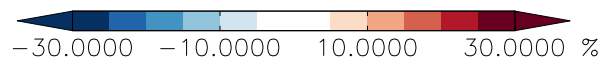
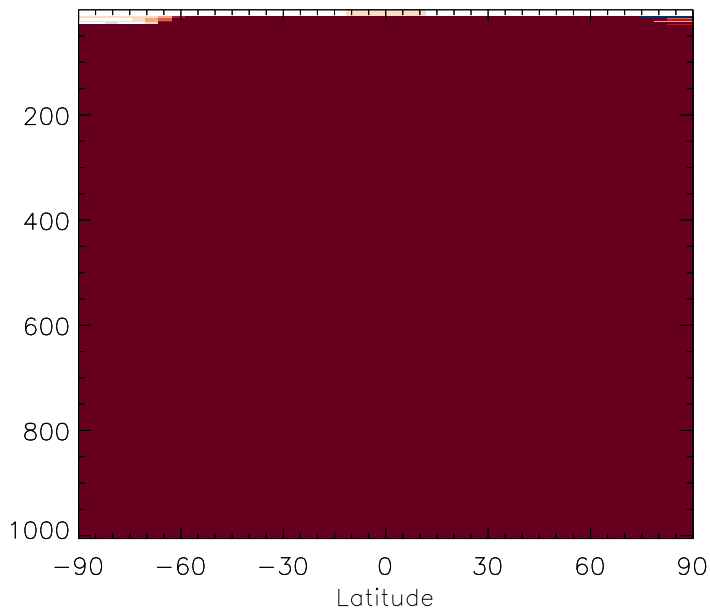
v11-01g-Run0 - v11-01d-Run1

MVKN - Zonal mean abs diff for Jul



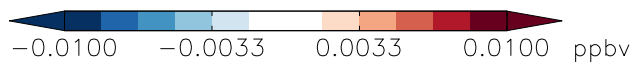
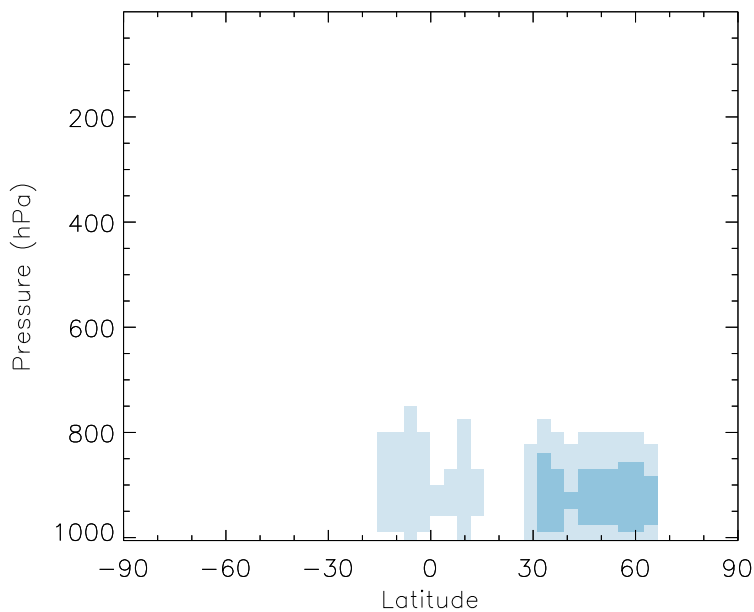
v11-01g-Run0 / v11-01d-Run1

MVKN - Zonal mean % diff for Jul

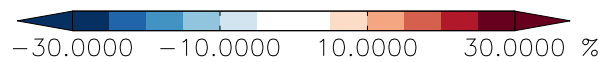
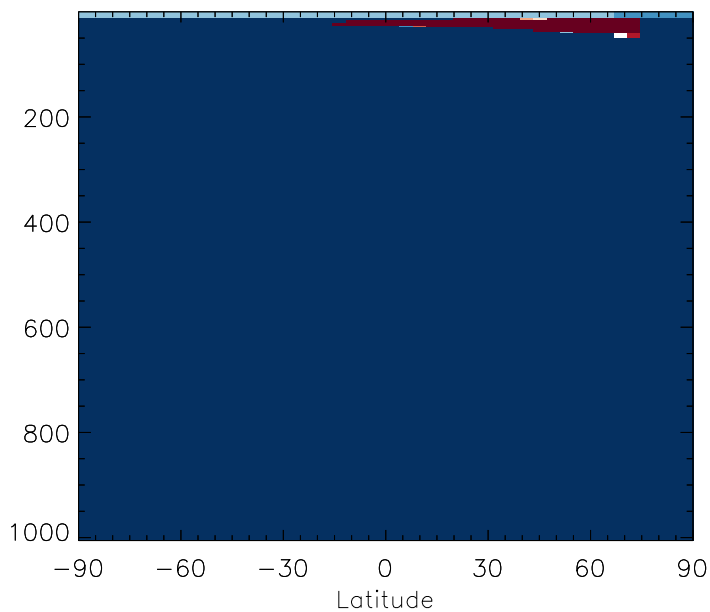


GEOS-Chem Zonal Difference Maps

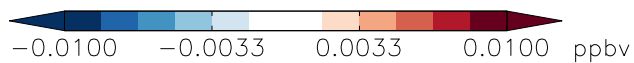
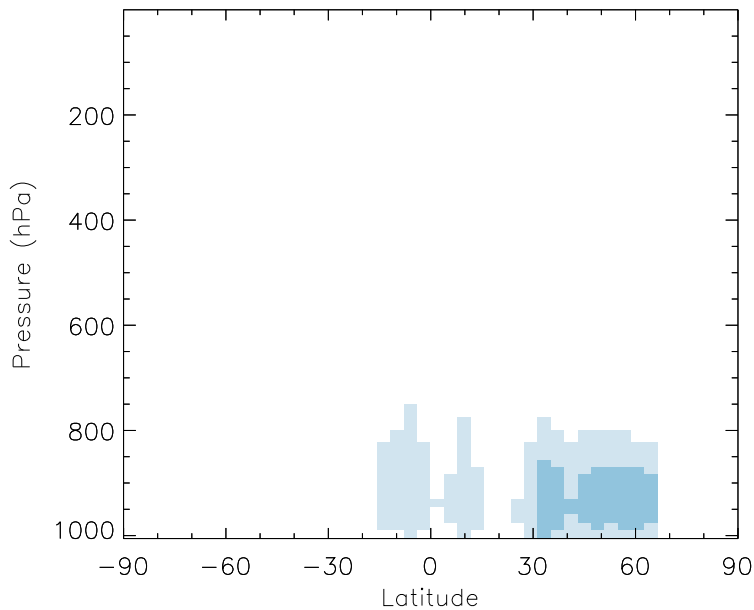
v11-01g-Run0 - v11-01f-geosfp-Run0
MACRN - Zonal mean abs diff for Jul



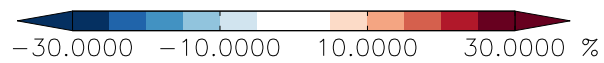
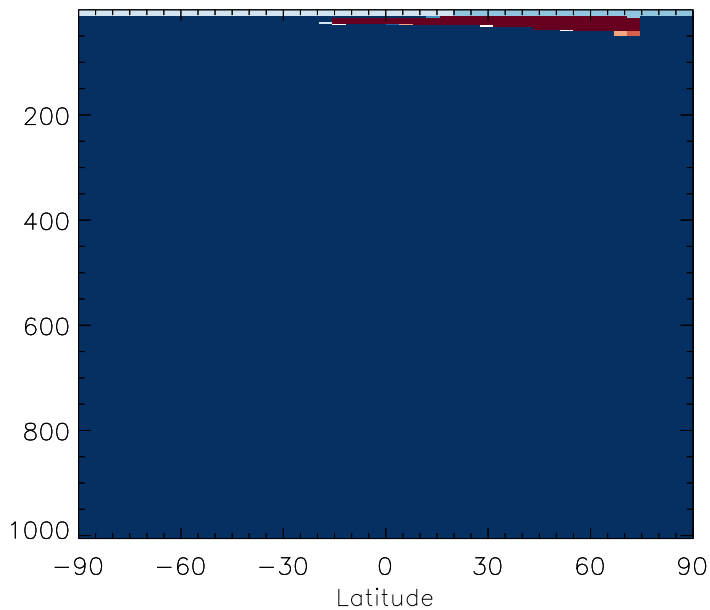
v11-01g-Run0 / v11-01f-geosfp-Run0
MACRN - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
MACRN - Zonal mean abs diff for Jul



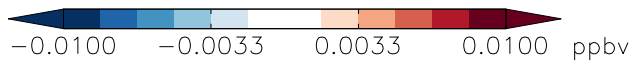
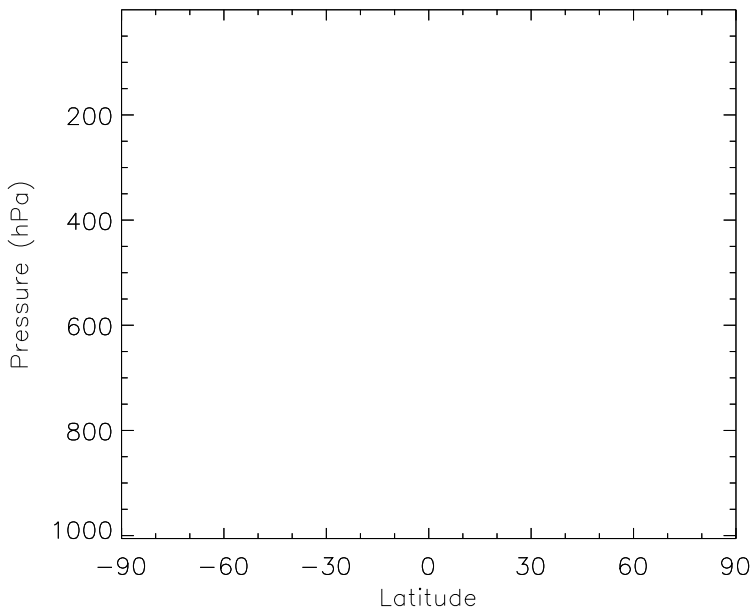
v11-01g-Run0 / v11-01d-Run1
MACRN - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

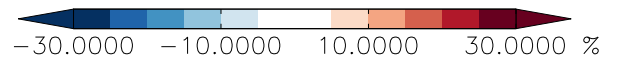
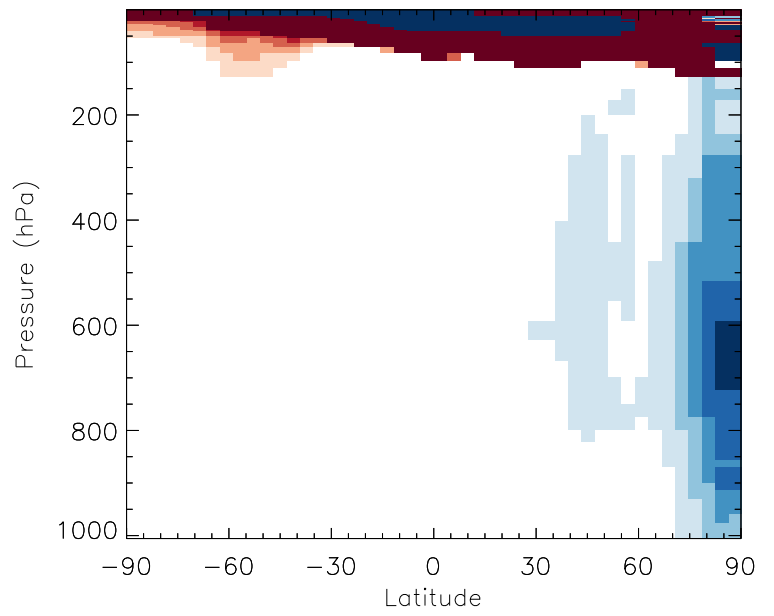
v11-01g-Run0 - v11-01f-geosfp-Run0

RIP - Zonal mean abs diff for Jul



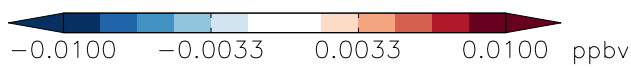
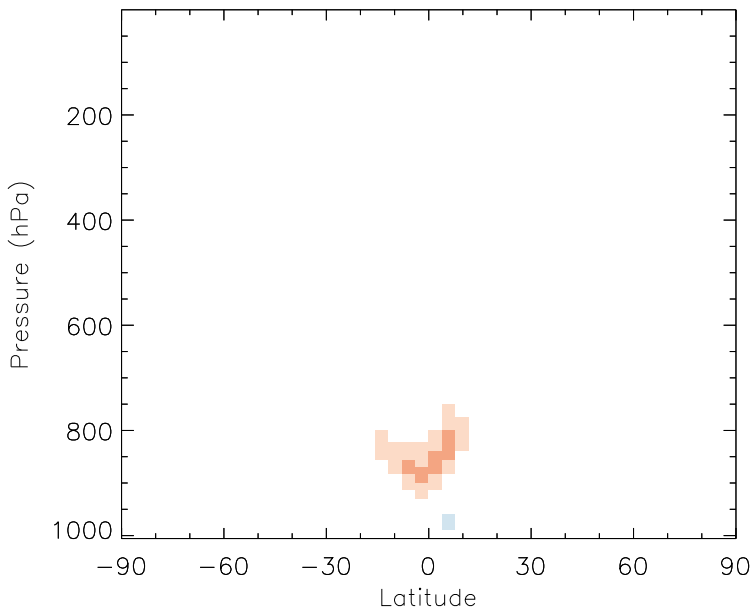
v11-01g-Run0 / v11-01f-geosfp-Run0

RIP - Zonal mean % diff for Jul



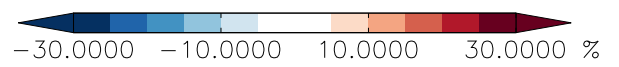
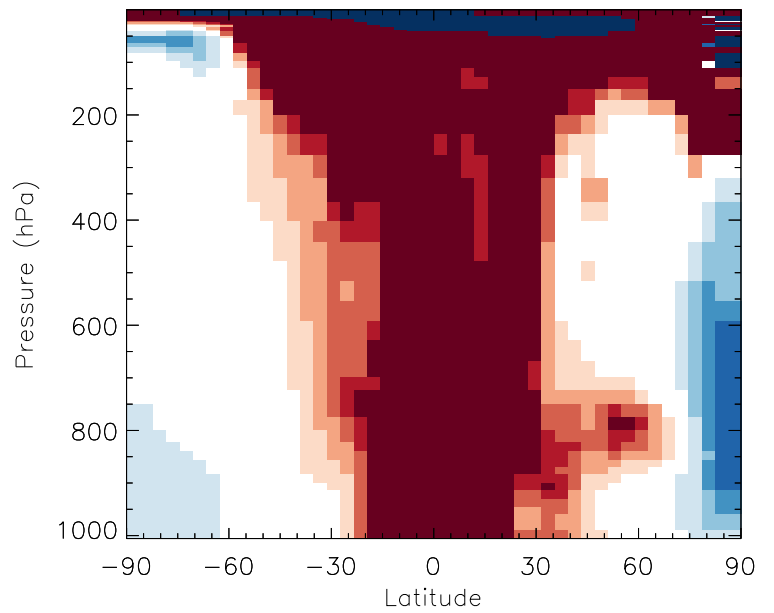
v11-01g-Run0 - v11-01d-Run1

RIP - Zonal mean abs diff for Jul



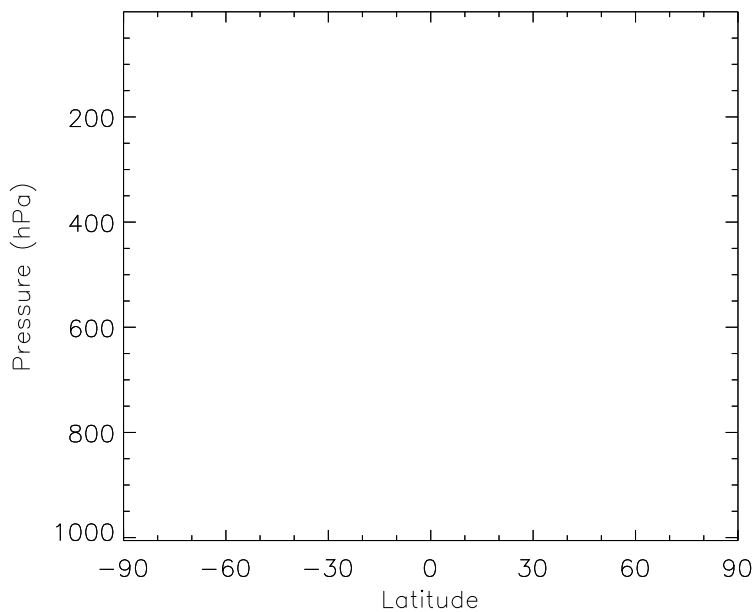
v11-01g-Run0 / v11-01d-Run1

RIP - Zonal mean % diff for Jul

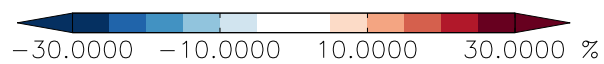
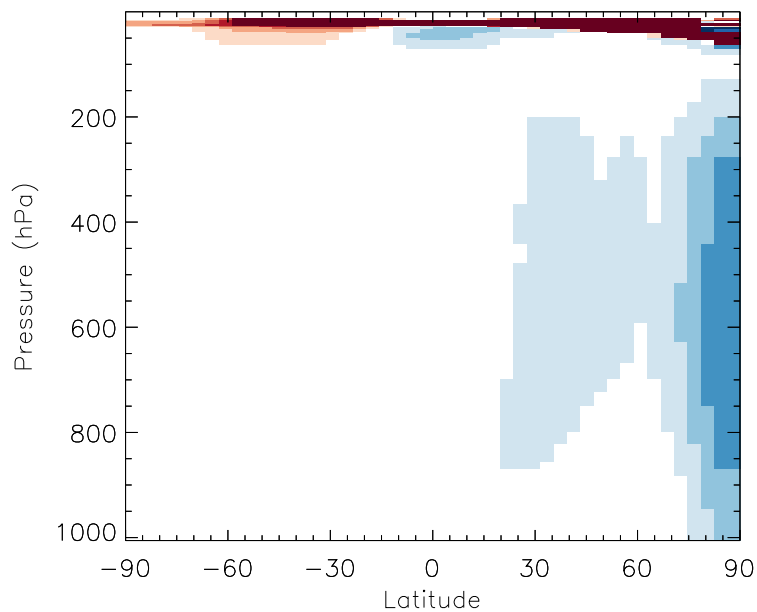


GEOS-Chem Zonal Difference Maps

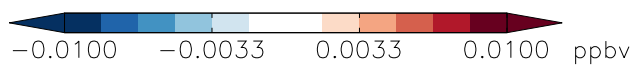
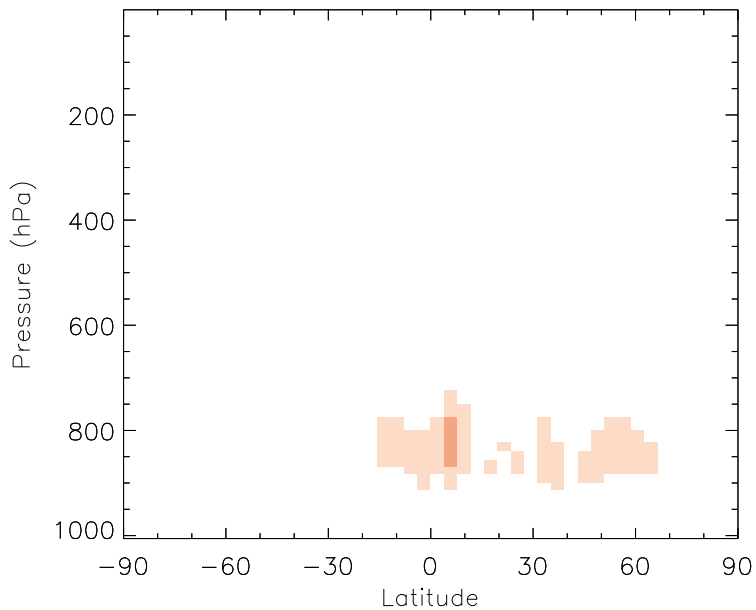
v11-01g-Run0 - v11-01f-geosfp-Run0
IEPOX - Zonal mean abs diff for Jul



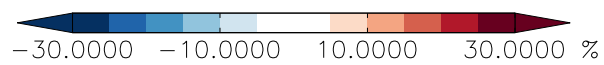
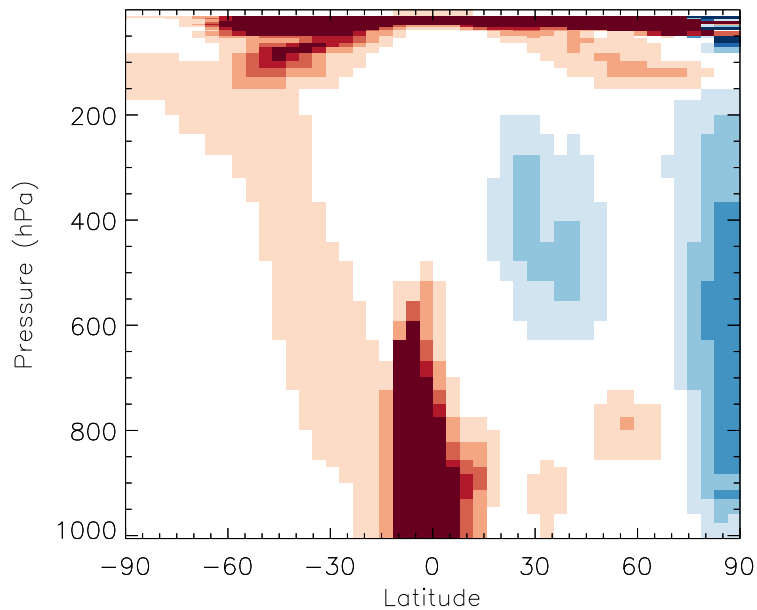
v11-01g-Run0 / v11-01f-geosfp-Run0
IEPOX - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
IEPOX - Zonal mean abs diff for Jul



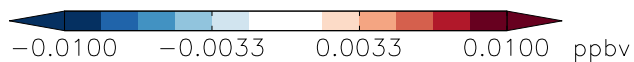
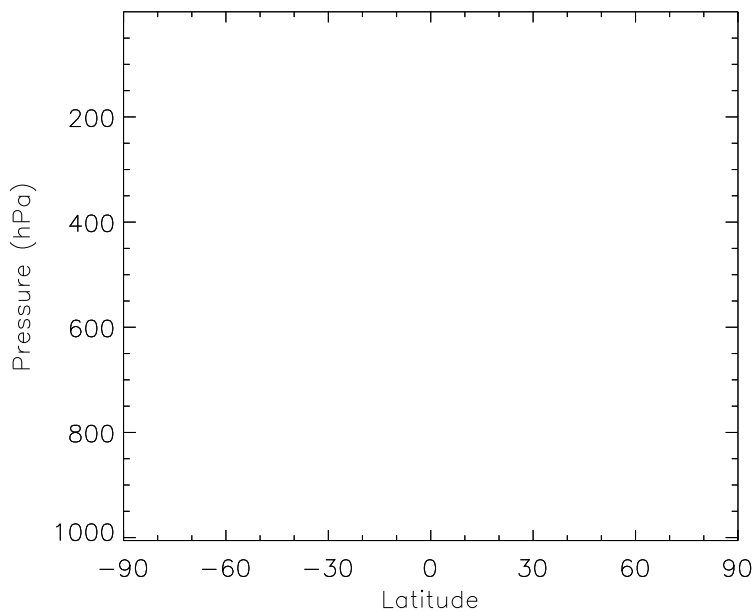
v11-01g-Run0 / v11-01d-Run1
IEPOX - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

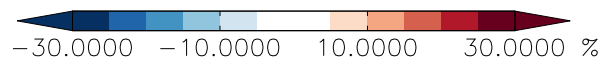
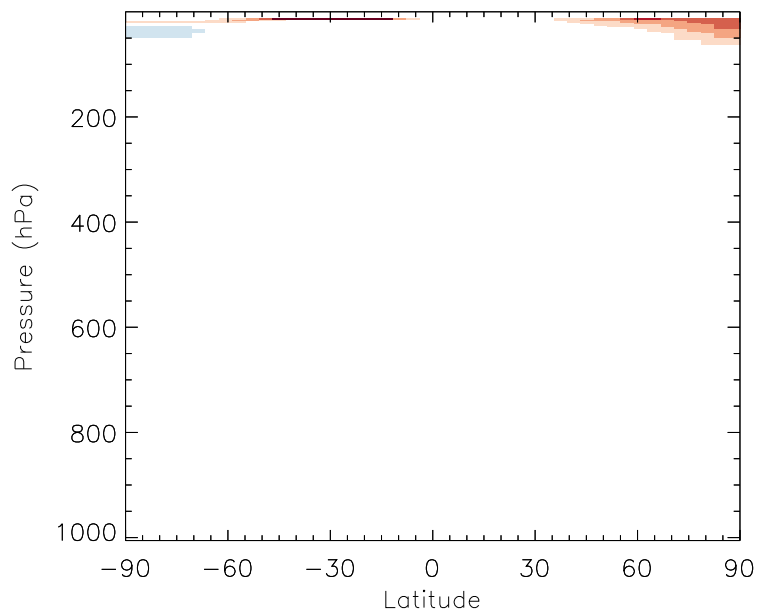
v11-01g-Run0 - v11-01f-geosfp-Run0

MAP - Zonal mean abs diff for Jul



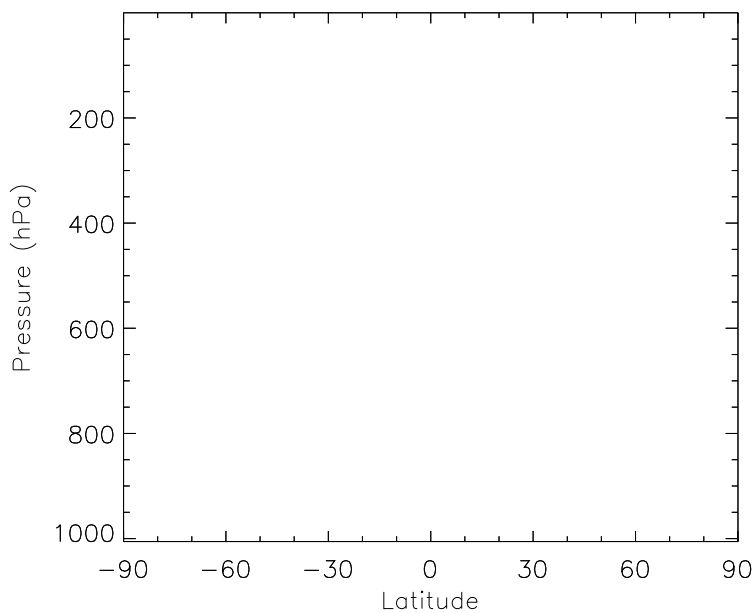
v11-01g-Run0 / v11-01f-geosfp-Run0

MAP - Zonal mean % diff for Jul



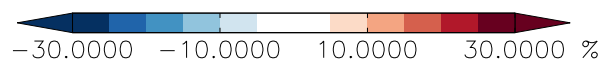
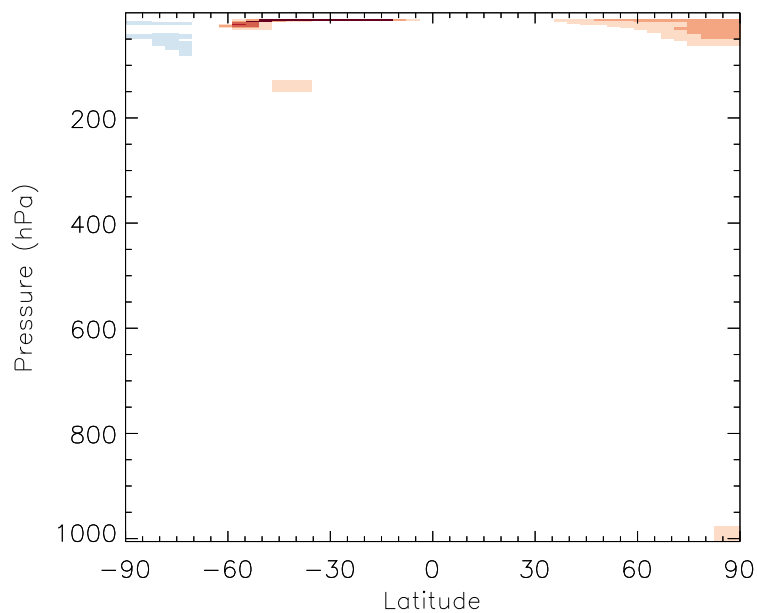
v11-01g-Run0 - v11-01d-Run1

MAP - Zonal mean abs diff for Jul



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

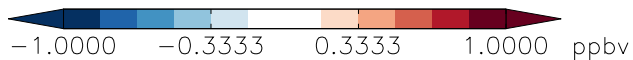
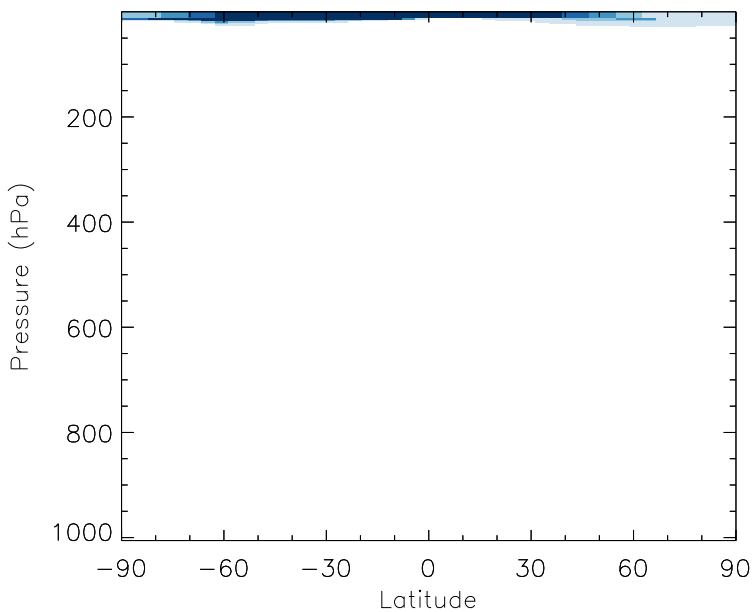
MAP - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

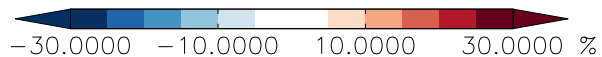
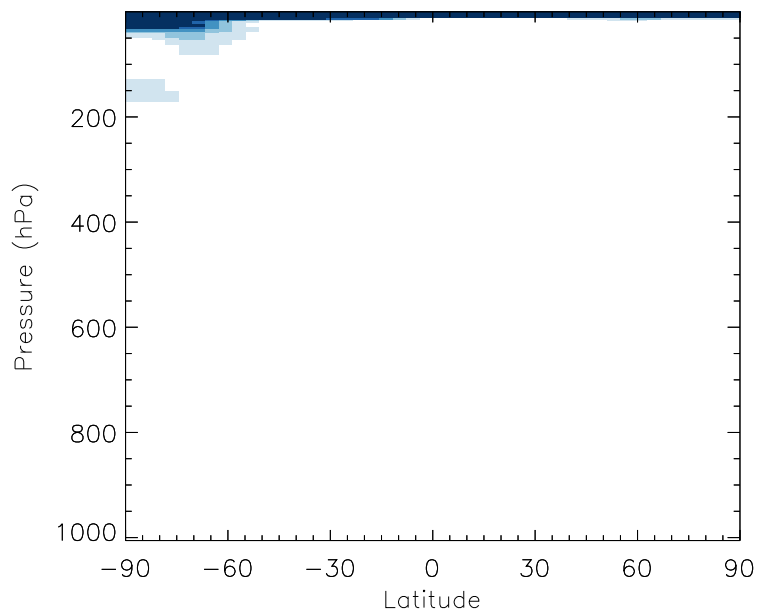
v11-01g-Run0 - v11-01f-geosfp-Run0

NO2 - Zonal mean abs diff for Jul



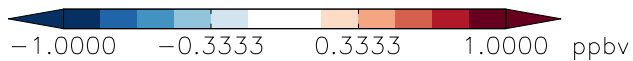
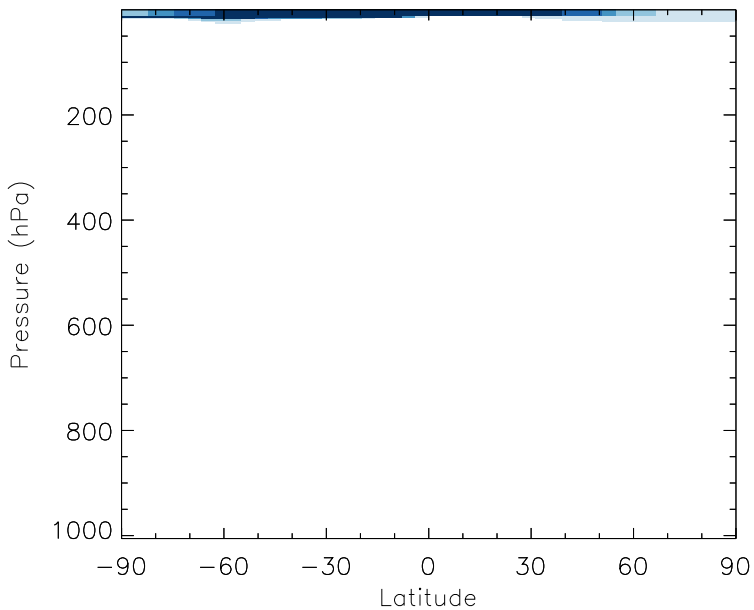
v11-01g-Run0 / v11-01f-geosfp-Run0

NO2 - Zonal mean % diff for Jul



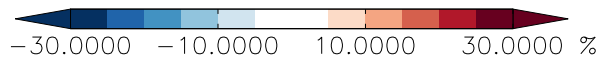
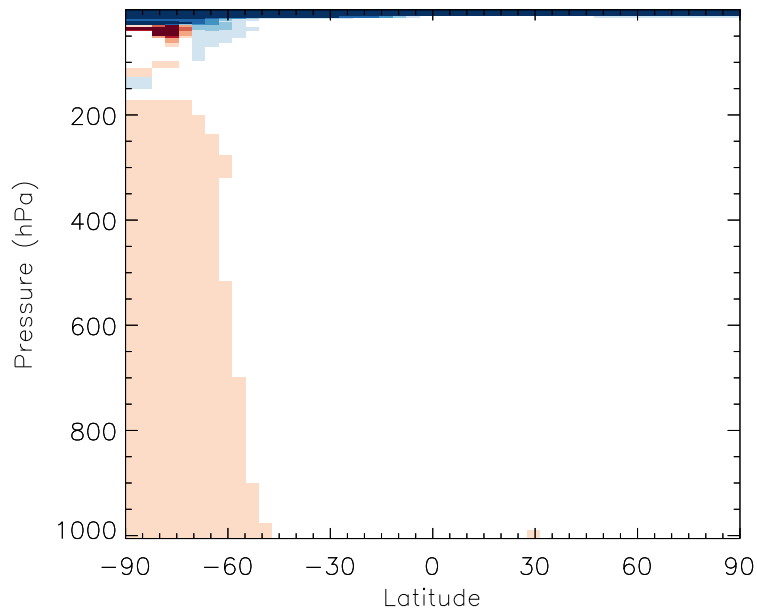
v11-01g-Run0 - v11-01d-Run1

NO2 - Zonal mean abs diff for Jul



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

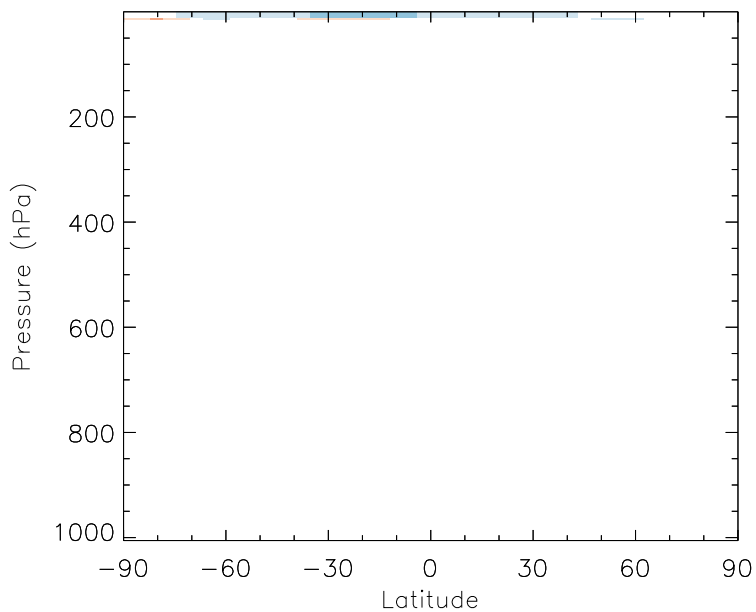
NO2 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

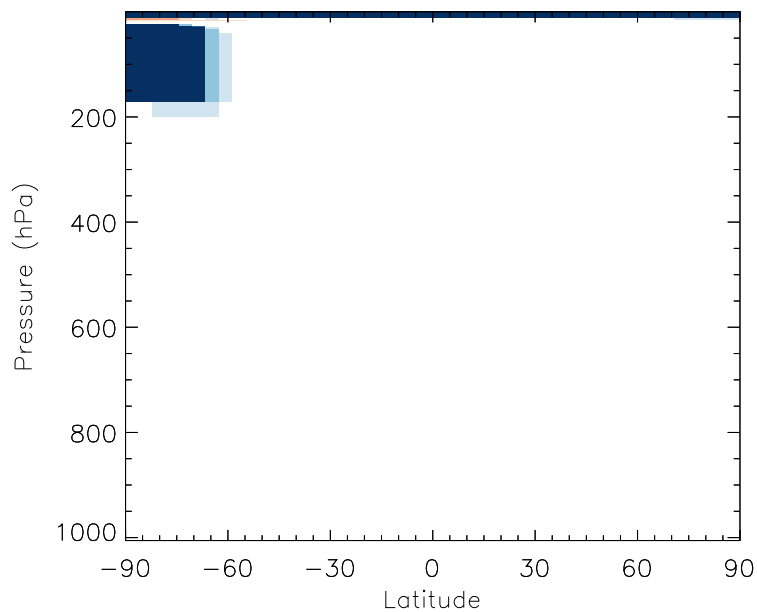
v11-01g-Run0 - v11-01f-geosfp-Run0

NO3 - Zonal mean abs diff for Jul



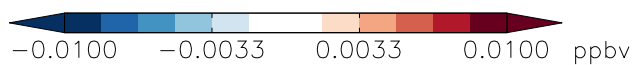
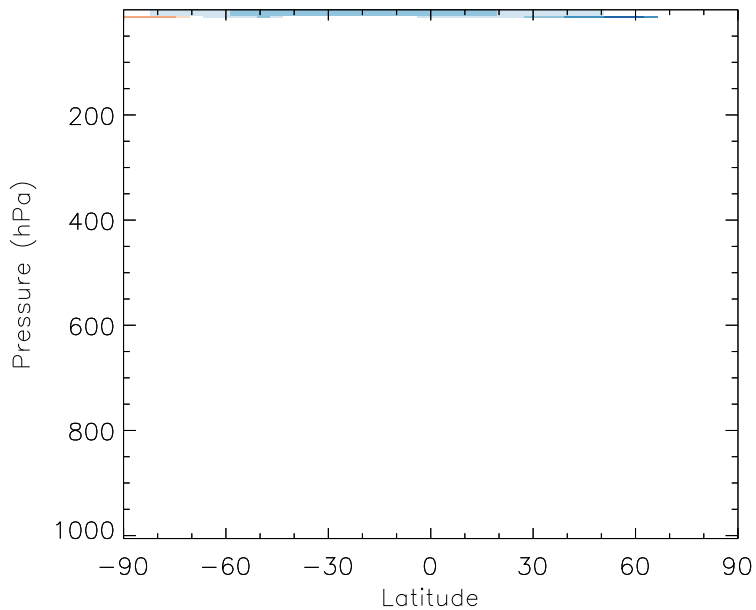
v11-01g-Run0 / v11-01f-geosfp-Run0

NO3 - Zonal mean % diff for Jul



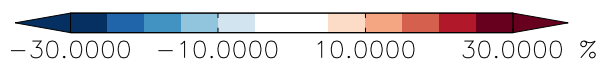
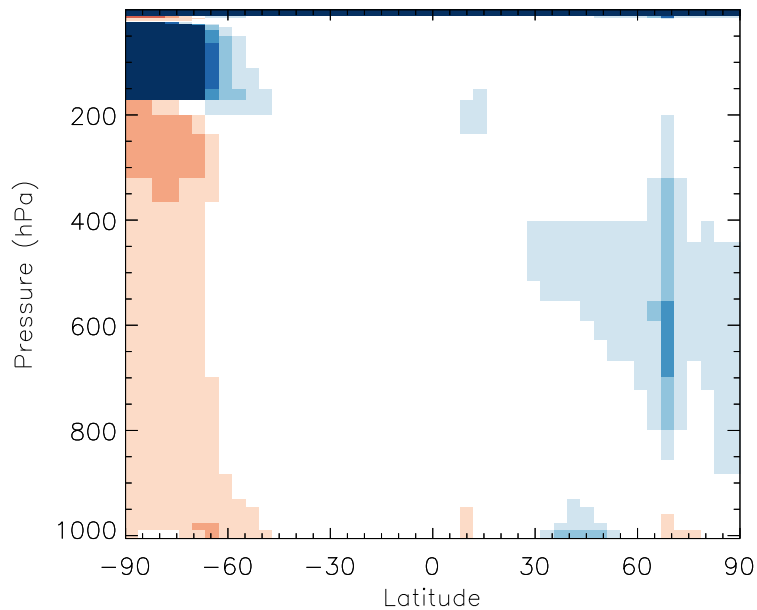
v11-01g-Run0 - v11-01d-Run1

NO3 - Zonal mean abs diff for Jul



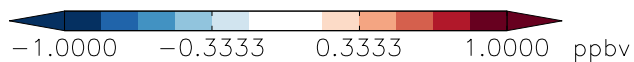
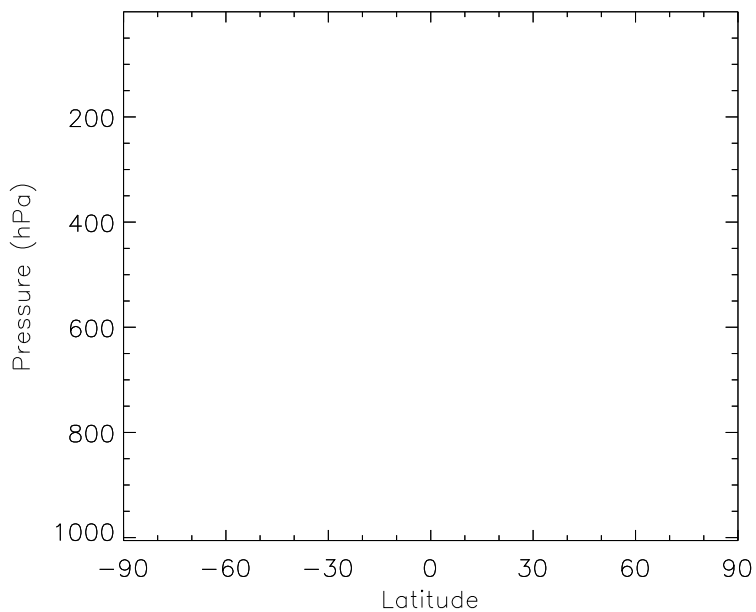
v11-01g-Run0 / v11-01d-Run1

NO3 - Zonal mean % diff for Jul

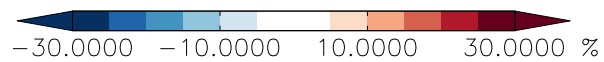
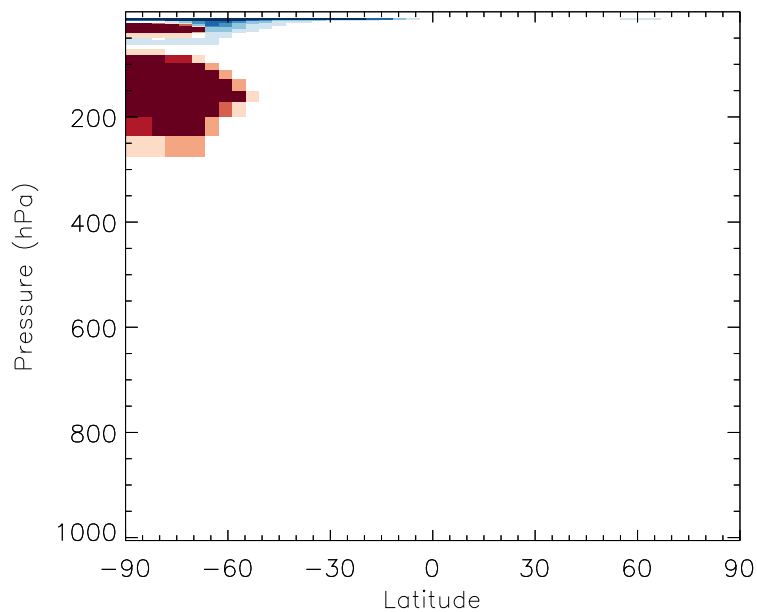


GEOS-Chem Zonal Difference Maps

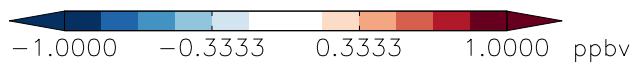
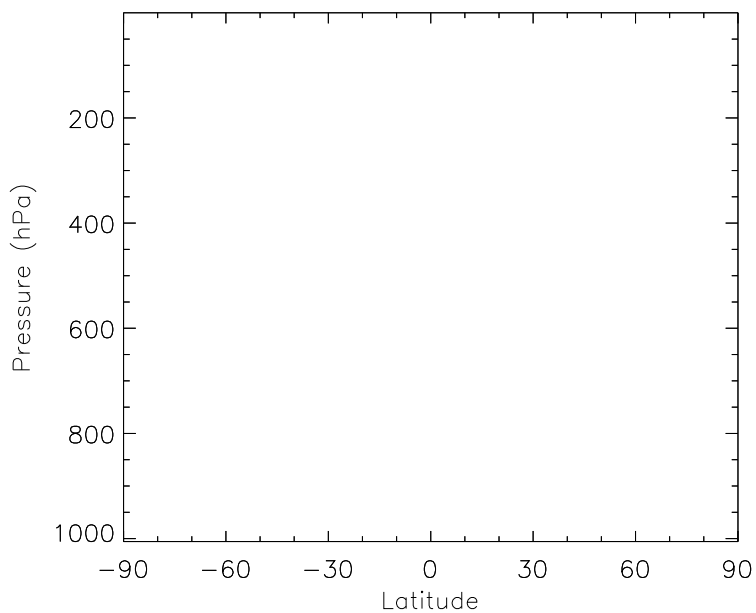
v11-01g-Run0 - v11-01f-geosfp-Run0
HN02 - Zonal mean abs diff for Jul



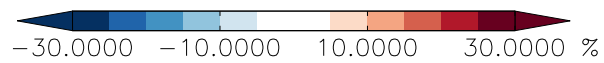
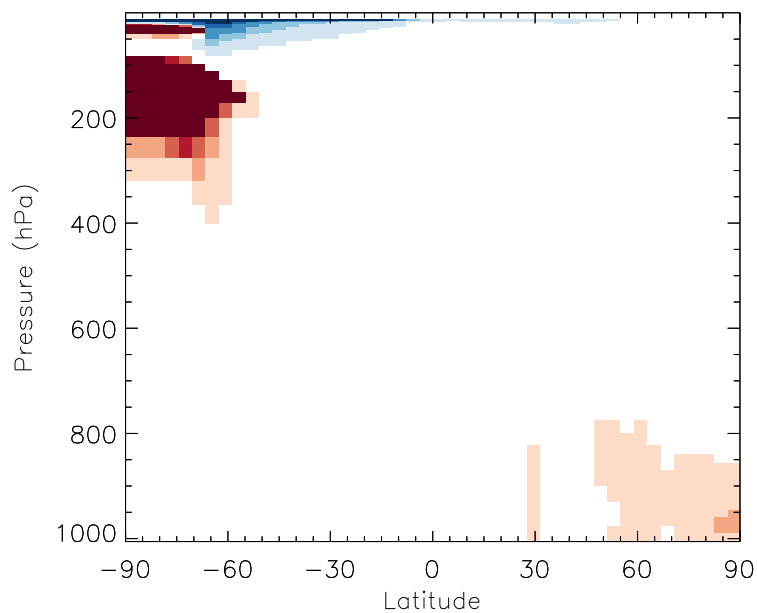
v11-01g-Run0 / v11-01f-geosfp-Run0
HN02 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
HN02 - Zonal mean abs diff for Jul



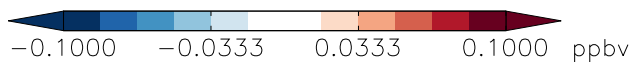
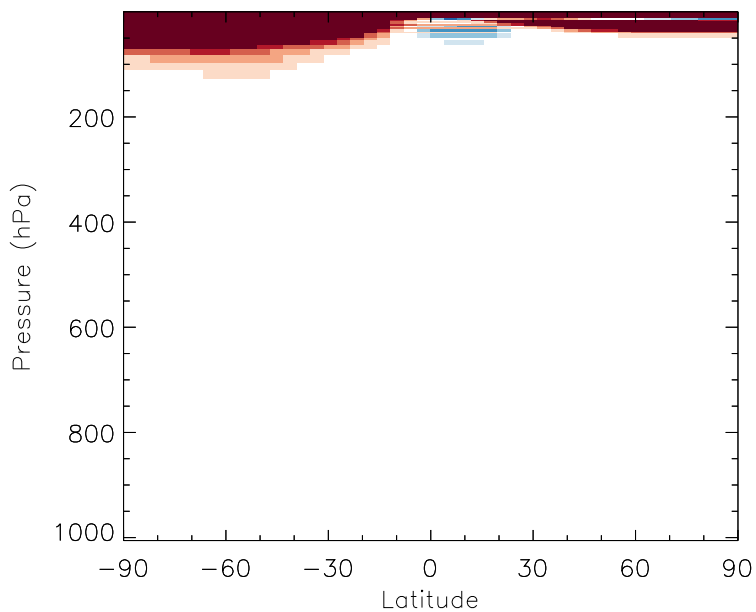
v11-01g-Run0 / v11-01d-Run1
HN02 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

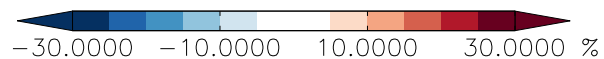
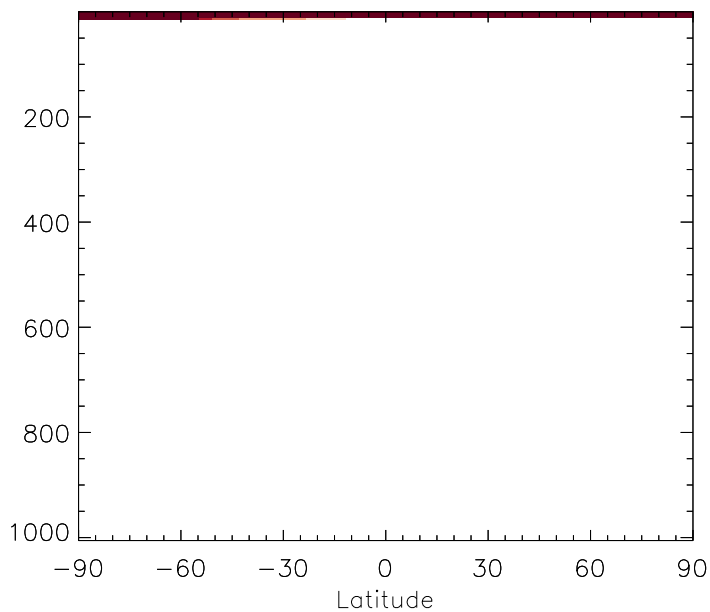
v11-01g-Run0 - v11-01f-geosfp-Run0

N2O - Zonal mean abs diff for Jul



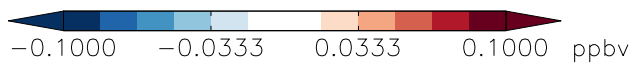
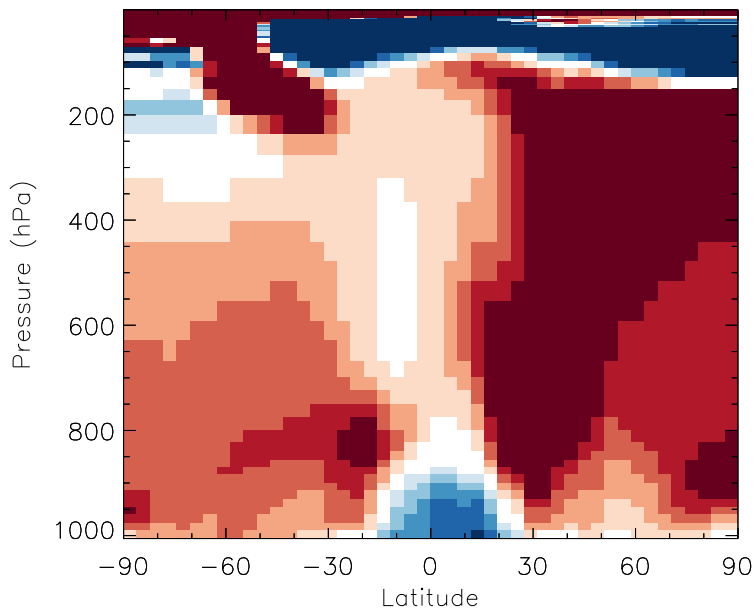
v11-01g-Run0 / v11-01f-geosfp-Run0

N2O - Zonal mean % diff for Jul



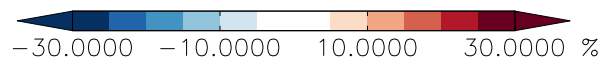
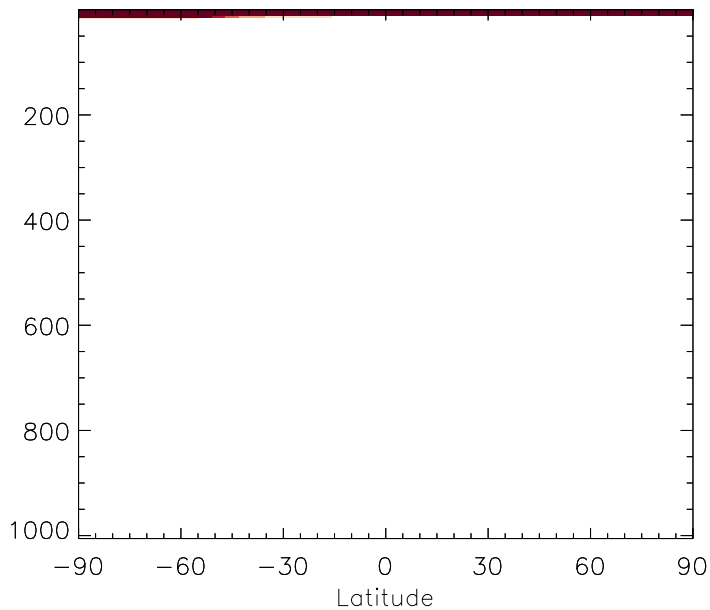
v11-01g-Run0 - v11-01d-Run1

N2O - Zonal mean abs diff for Jul



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

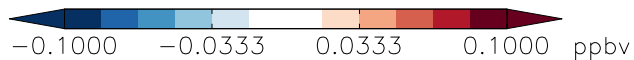
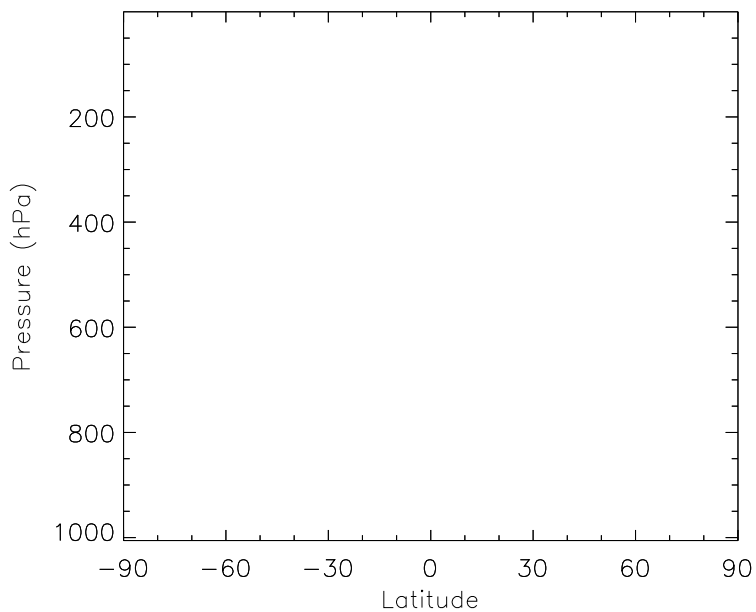
N2O - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

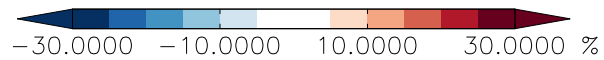
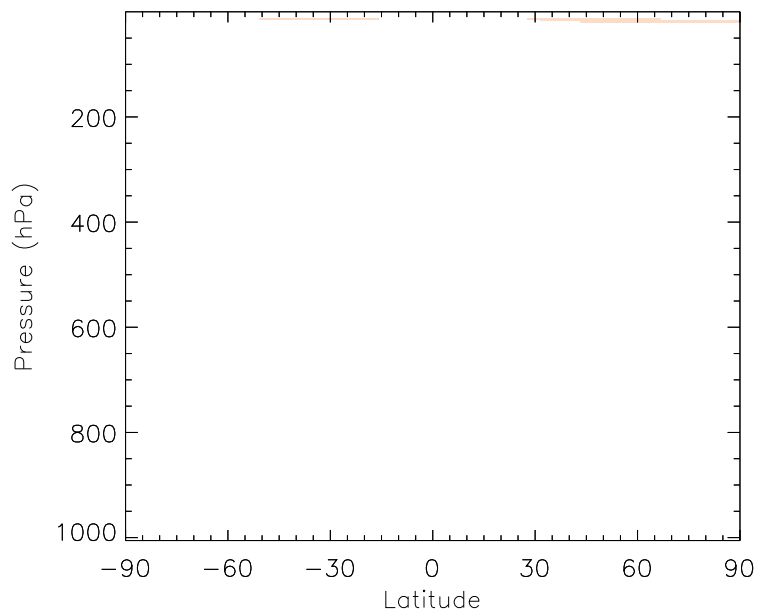
v11-01g-Run0 - v11-01f-geosfp-Run0

OCS - Zonal mean abs diff for Jul



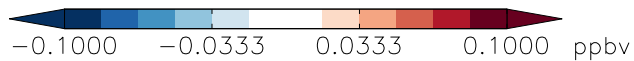
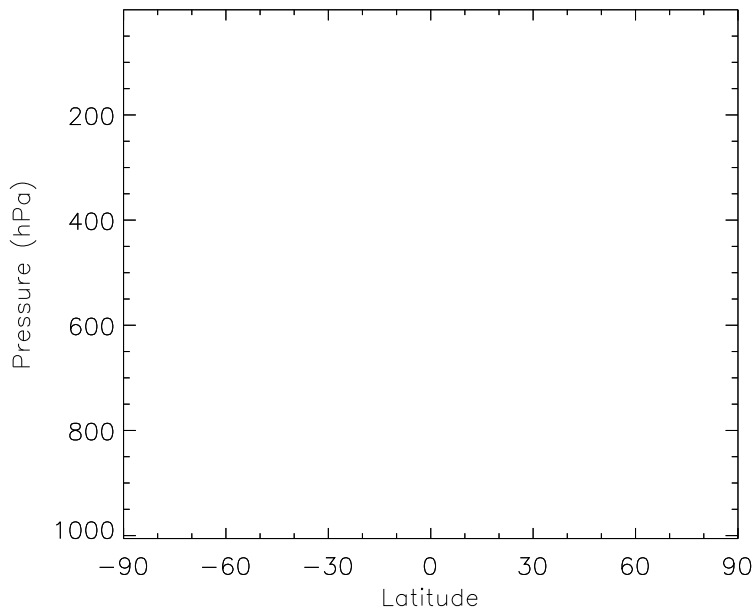
v11-01g-Run0 / v11-01f-geosfp-Run0

OCS - Zonal mean % diff for Jul



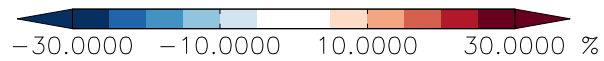
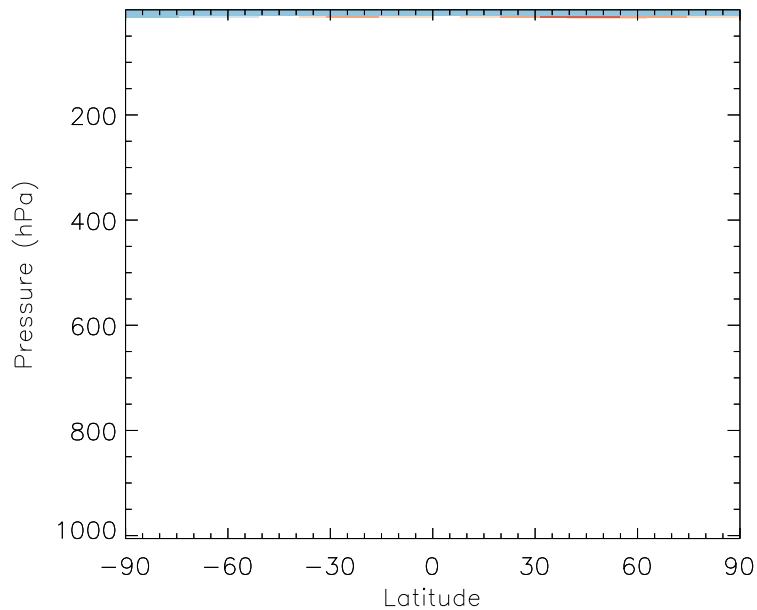
v11-01g-Run0 - v11-01d-Run1

OCS - Zonal mean abs diff for Jul



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

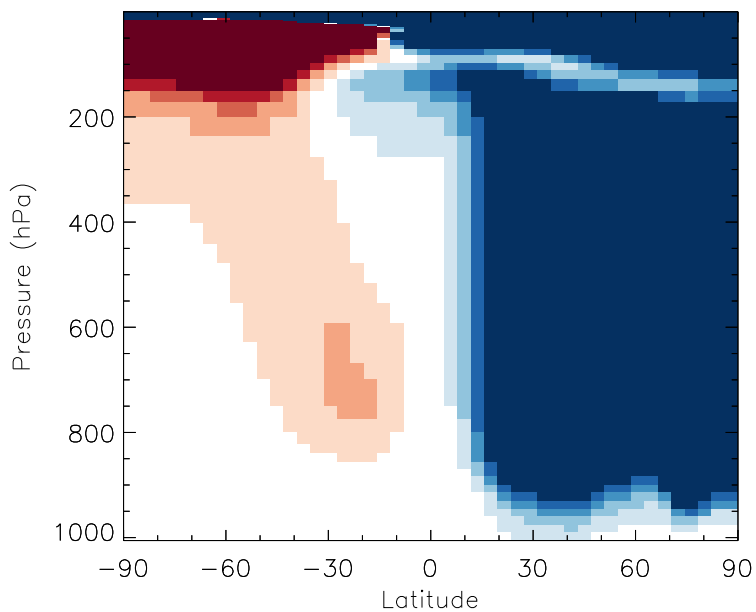
OCS - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

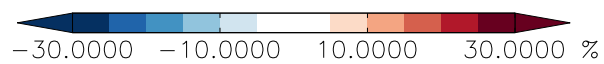
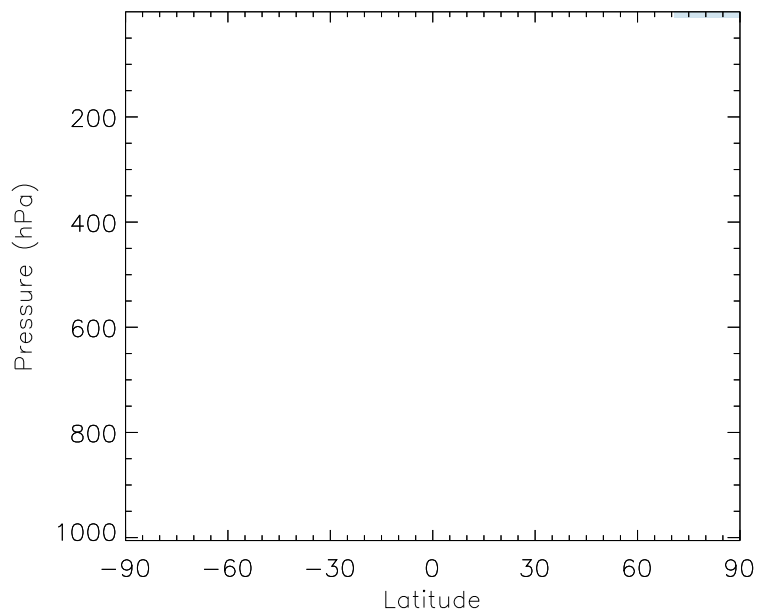
v11-01g-Run0 - v11-01f-geosfp-Run0

CH4 - Zonal mean abs diff for Jul



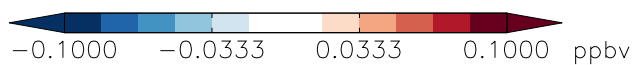
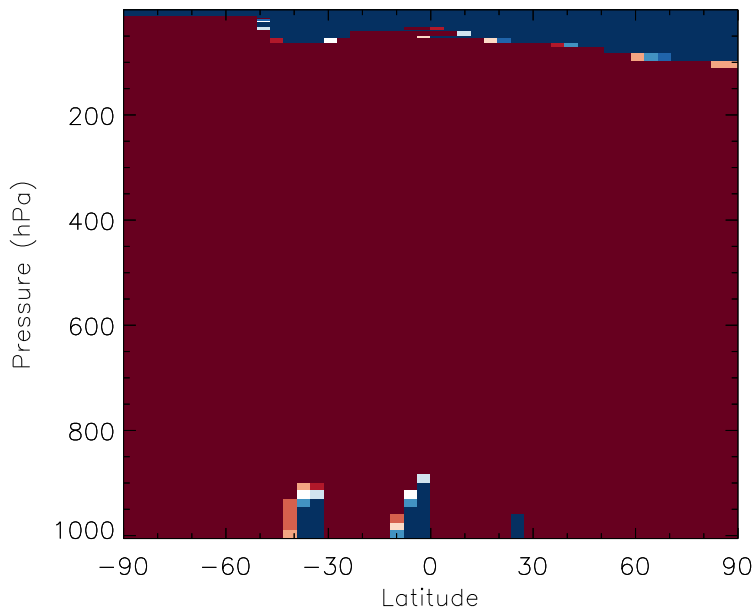
v11-01g-Run0 / v11-01f-geosfp-Run0

CH4 - Zonal mean % diff for Jul



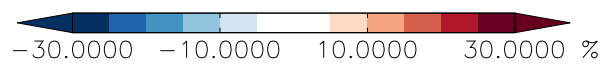
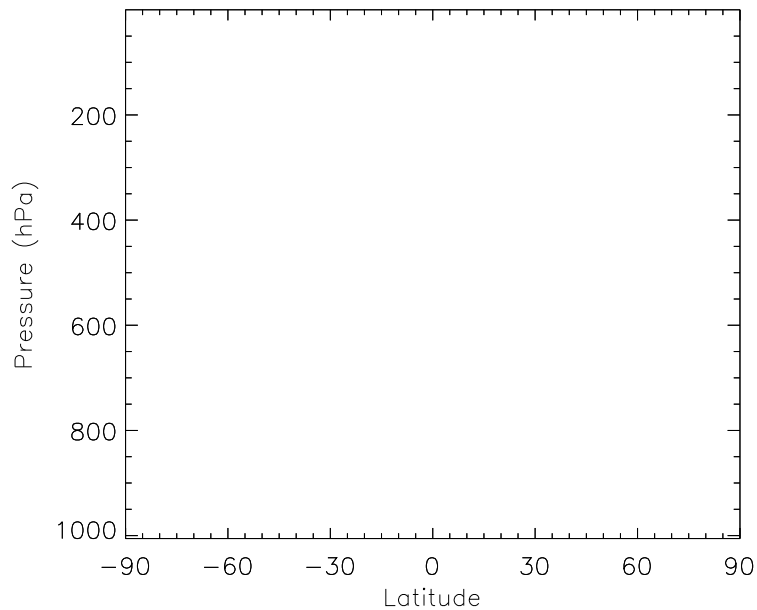
v11-01g-Run0 - v11-01d-Run1

CH4 - Zonal mean abs diff for Jul



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

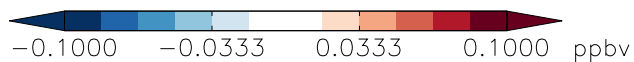
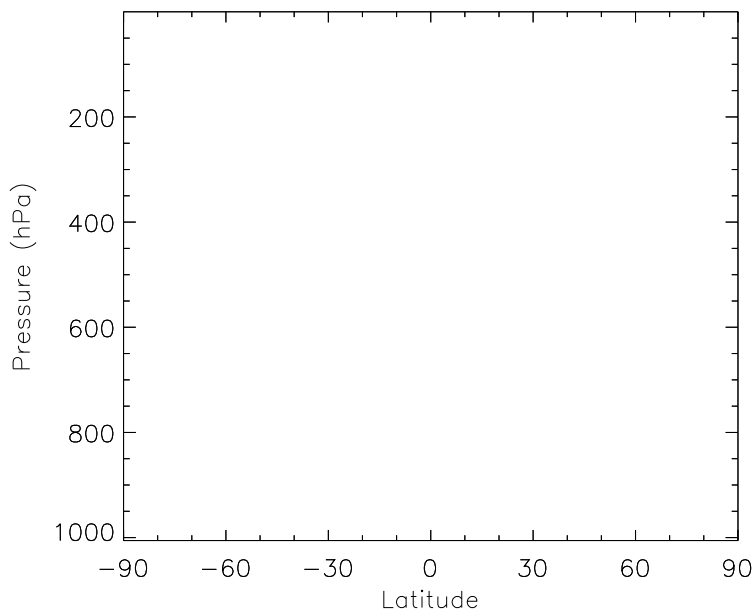
CH4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

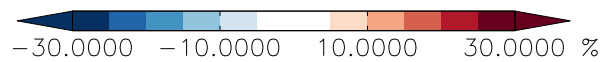
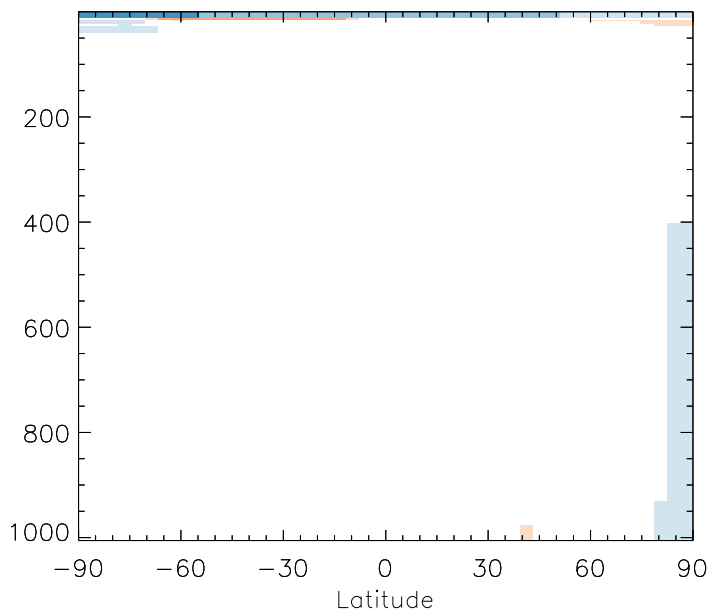
v11-01g-Run0 - v11-01f-geosfp-Run0

BrCl - Zonal mean abs diff for Jul



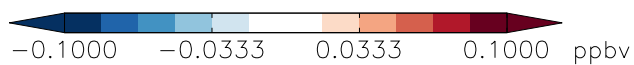
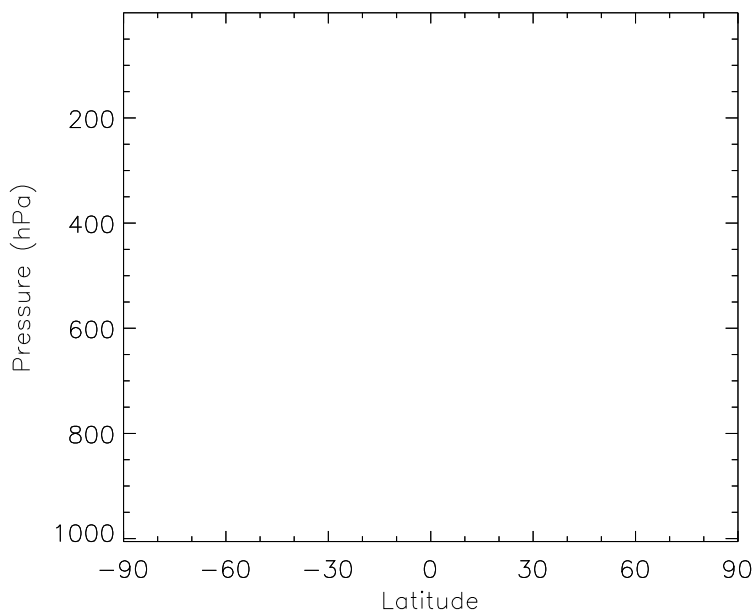
v11-01g-Run0 / v11-01f-geosfp-Run0

BrCl - Zonal mean % diff for Jul



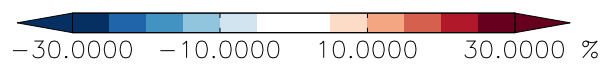
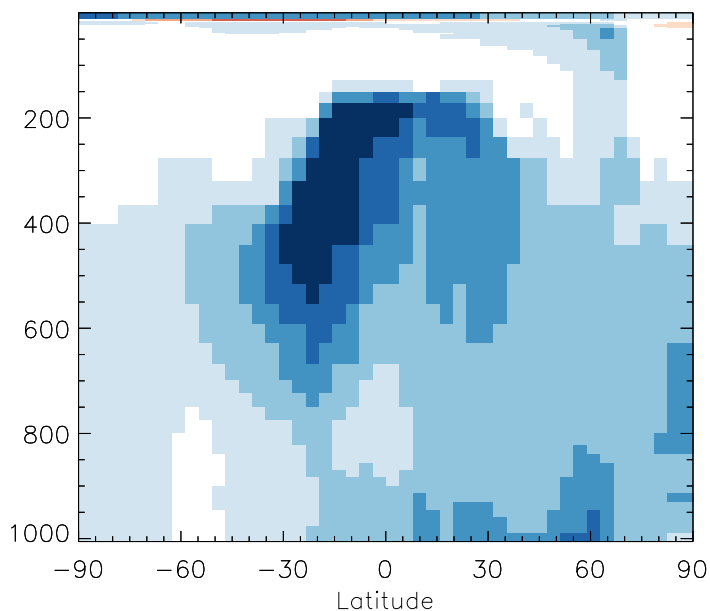
v11-01g-Run0 - v11-01d-Run1

BrCl - Zonal mean abs diff for Jul



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

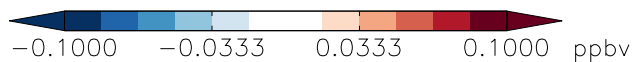
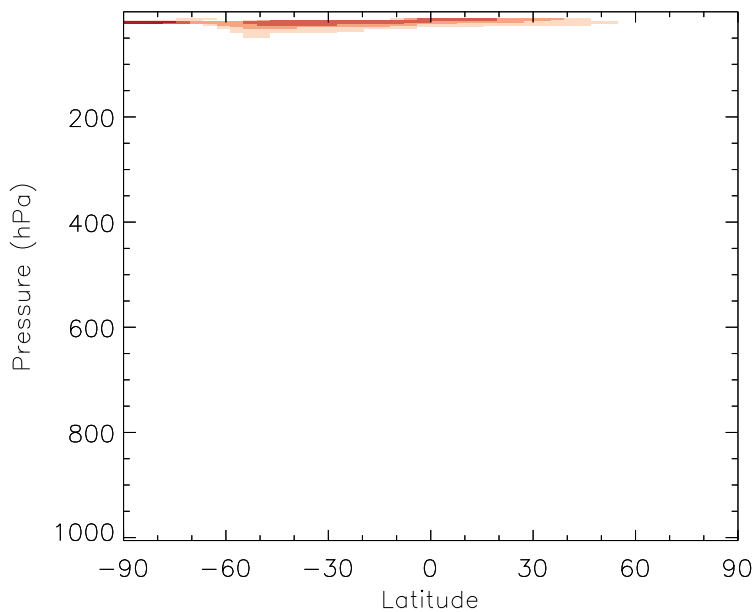
BrCl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

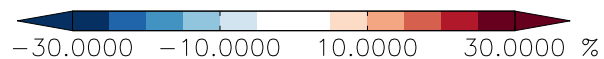
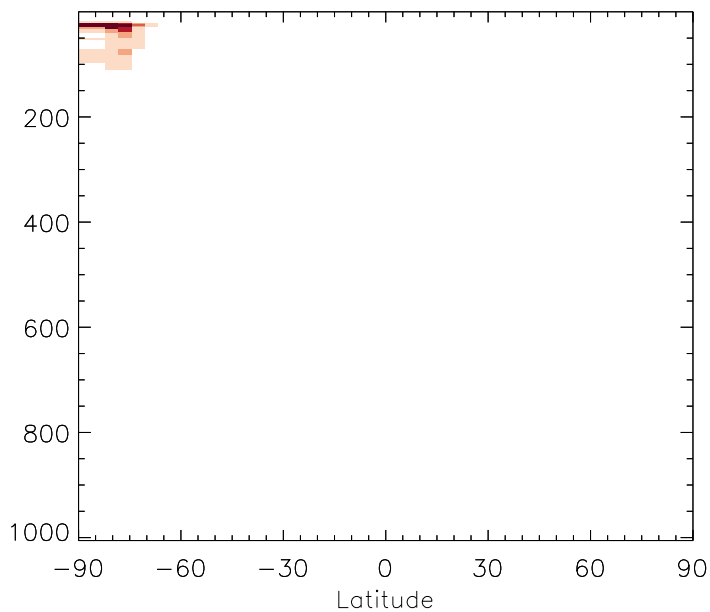
v11-01g-Run0 - v11-01f-geosfp-Run0

HCl - Zonal mean abs diff for Jul



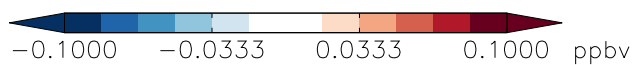
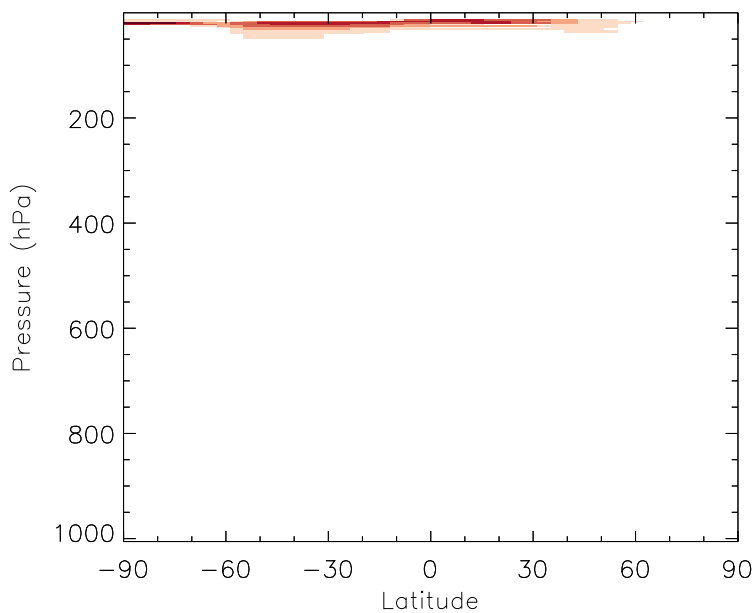
v11-01g-Run0 / v11-01f-geosfp-Run0

HCl - Zonal mean % diff for Jul



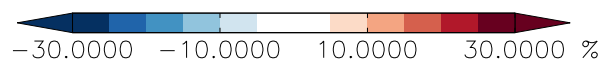
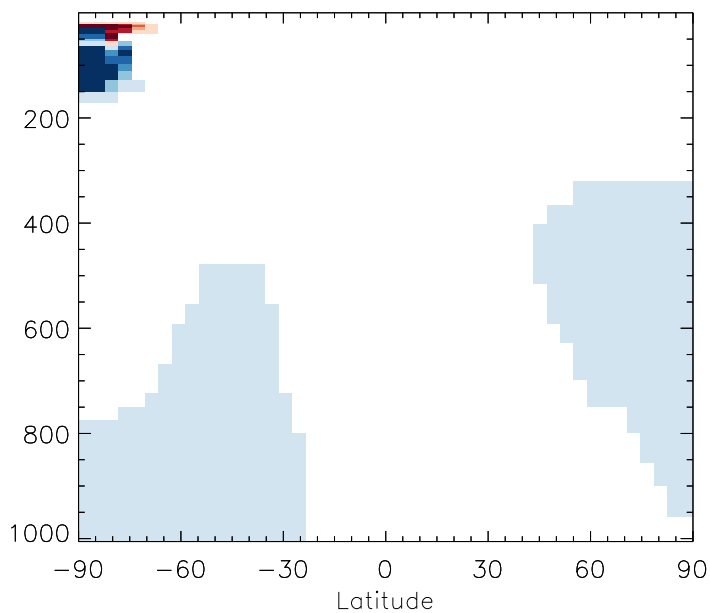
v11-01g-Run0 - v11-01d-Run1

HCl - Zonal mean abs diff for Jul



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

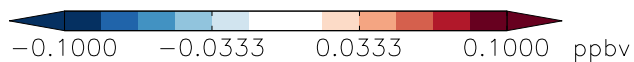
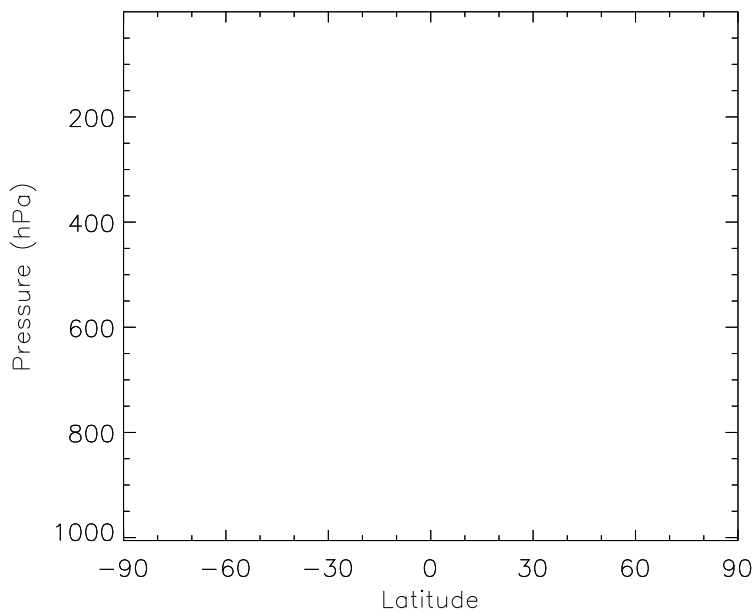
HCl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

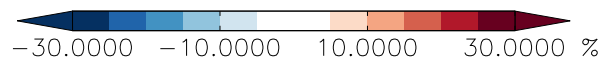
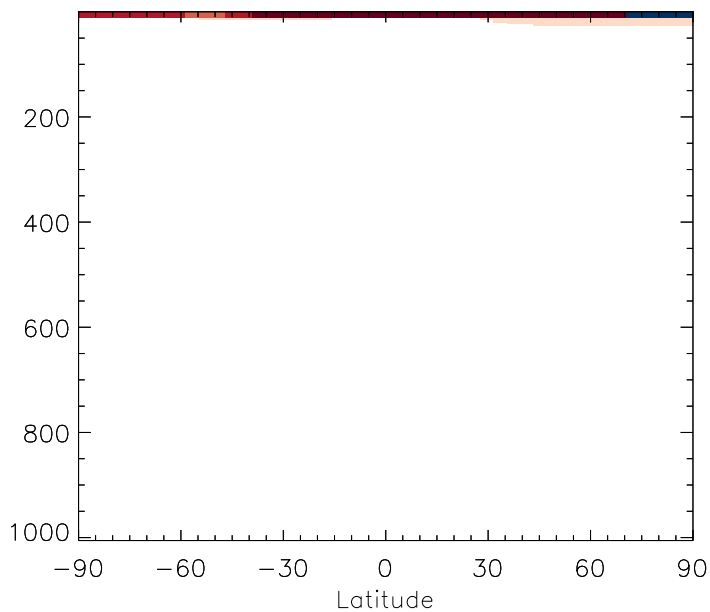
v11-01g-Run0 - v11-01f-geosfp-Run0

CCI4 - Zonal mean abs diff for Jul



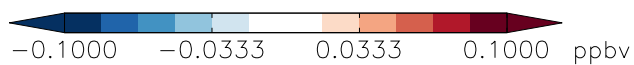
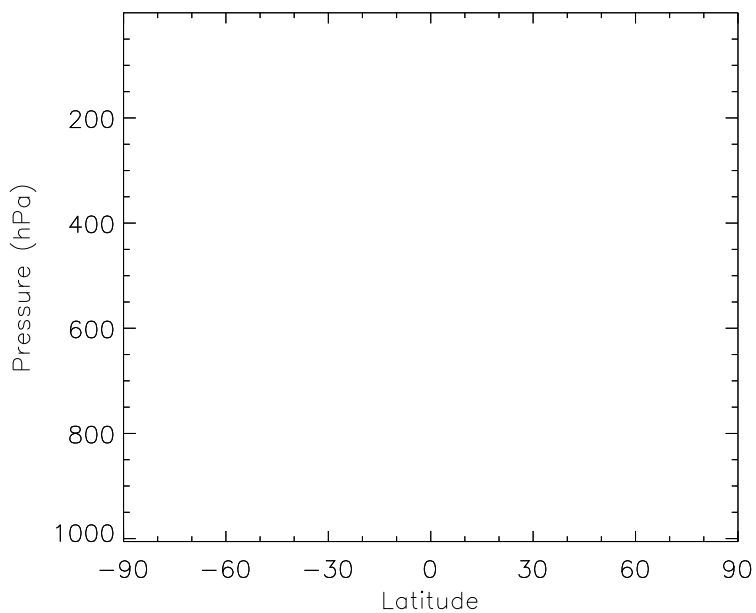
v11-01g-Run0 / v11-01f-geosfp-Run0

CCI4 - Zonal mean % diff for Jul



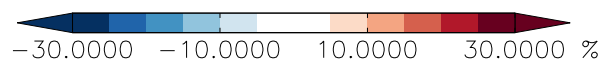
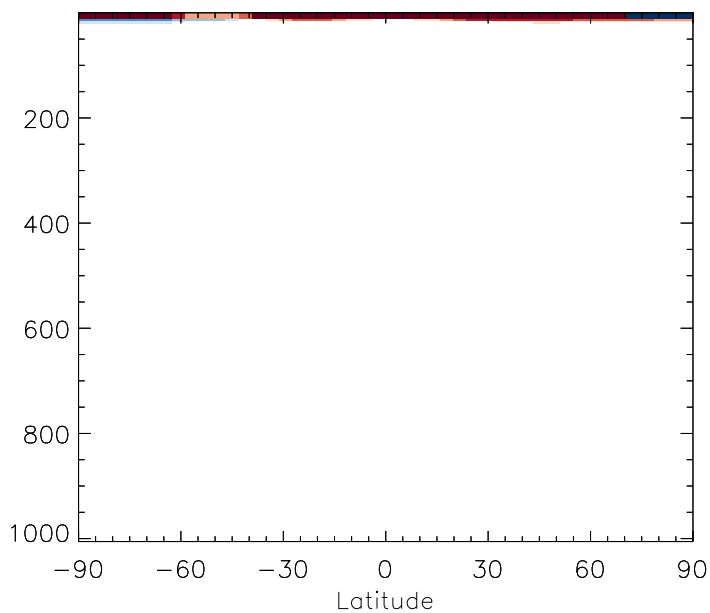
v11-01g-Run0 - v11-01d-Run1

CCI4 - Zonal mean abs diff for Jul



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

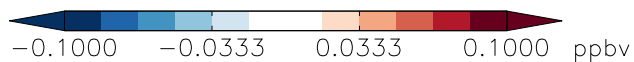
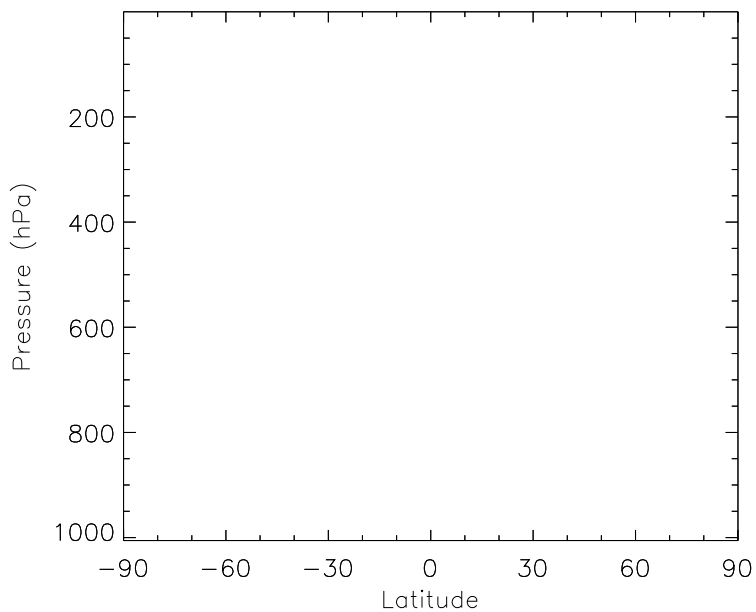
CCI4 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

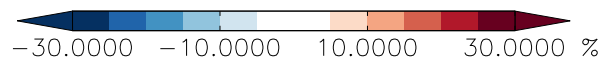
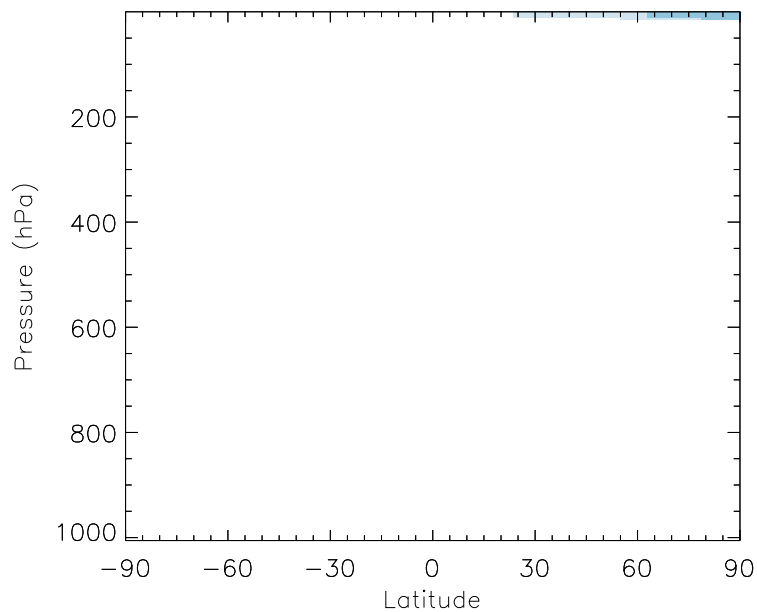
v11-01g-Run0 - v11-01f-geosfp-Run0

CH3Cl - Zonal mean abs diff for Jul



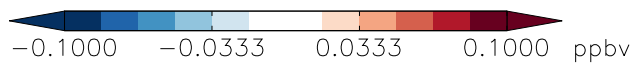
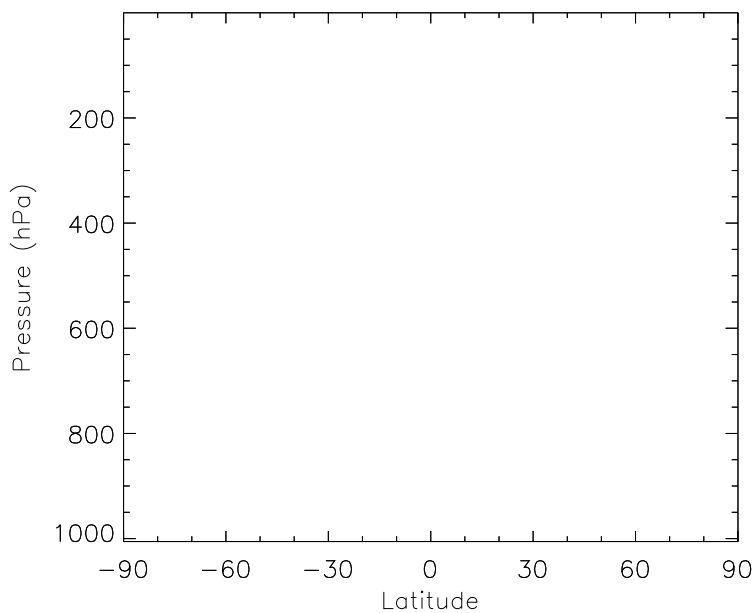
v11-01g-Run0 / v11-01f-geosfp-Run0

CH3Cl - Zonal mean % diff for Jul



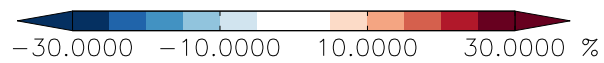
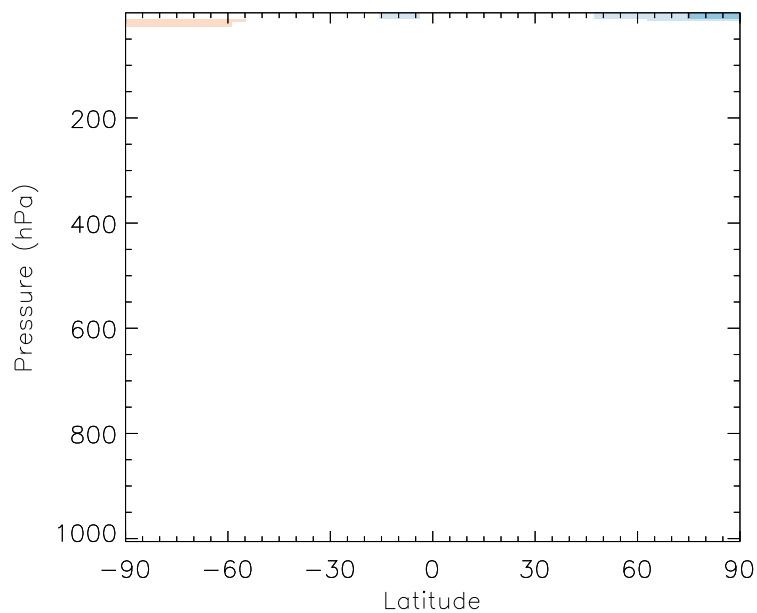
v11-01g-Run0 - v11-01d-Run1

CH3Cl - Zonal mean abs diff for Jul



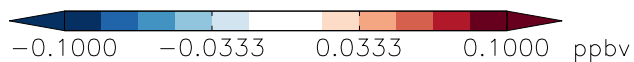
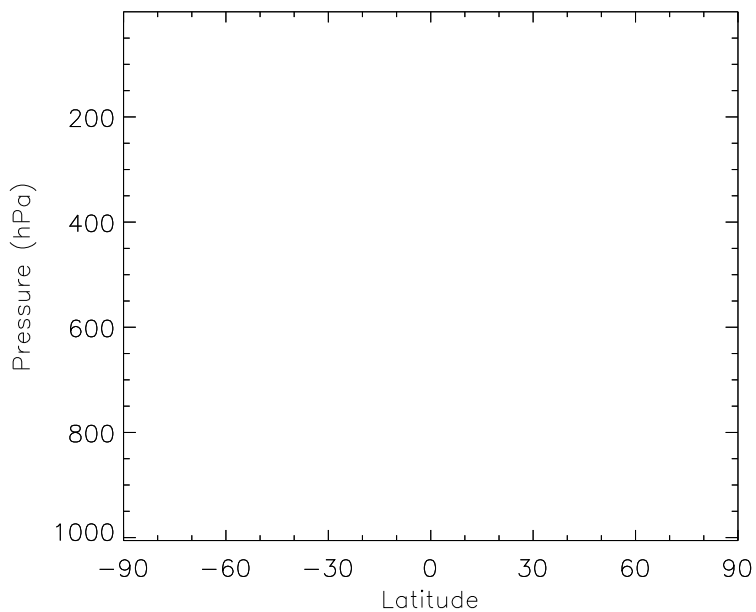
v11-01g-Run0 / v11-01d-Run1

CH3Cl - Zonal mean % diff for Jul

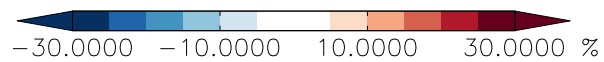
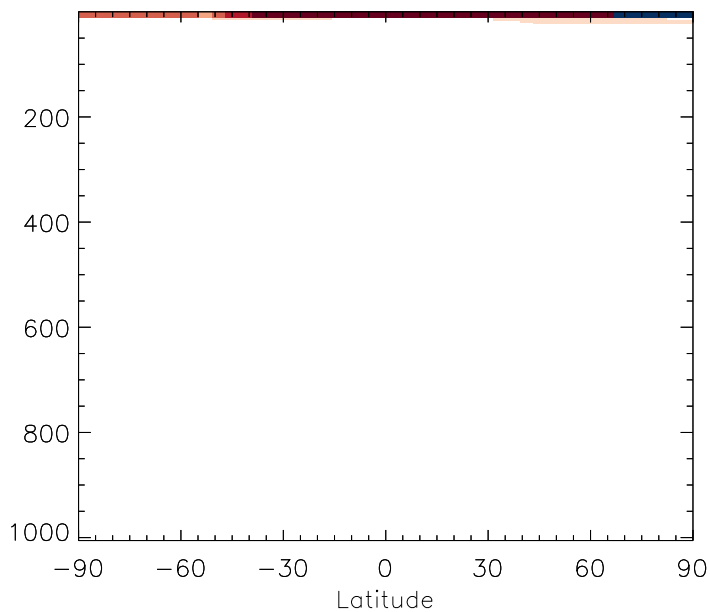


GEOS-Chem Zonal Difference Maps

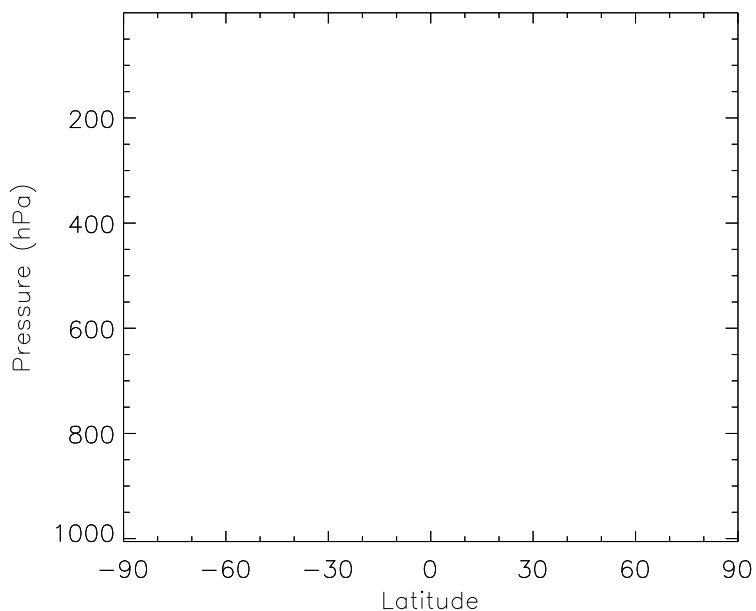
v11-01g-Run0 - v11-01f-geosfp-Run0
CH₃CCl₃ - Zonal mean abs diff for Jul



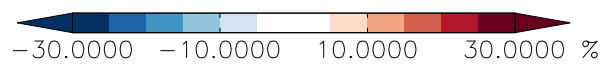
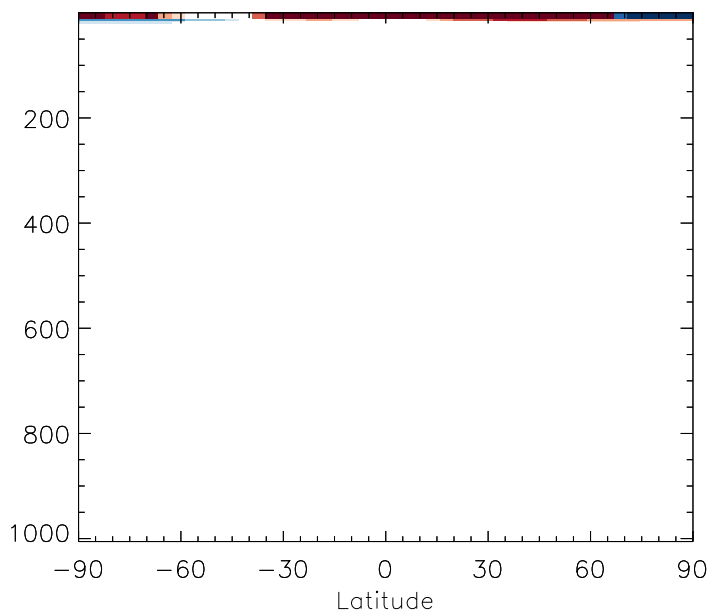
v11-01g-Run0 / v11-01f-geosfp-Run0
CH₃CCl₃ - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
CH₃CCl₃ - Zonal mean abs diff for Jul

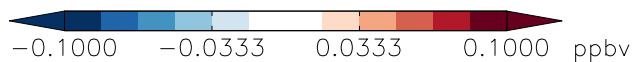
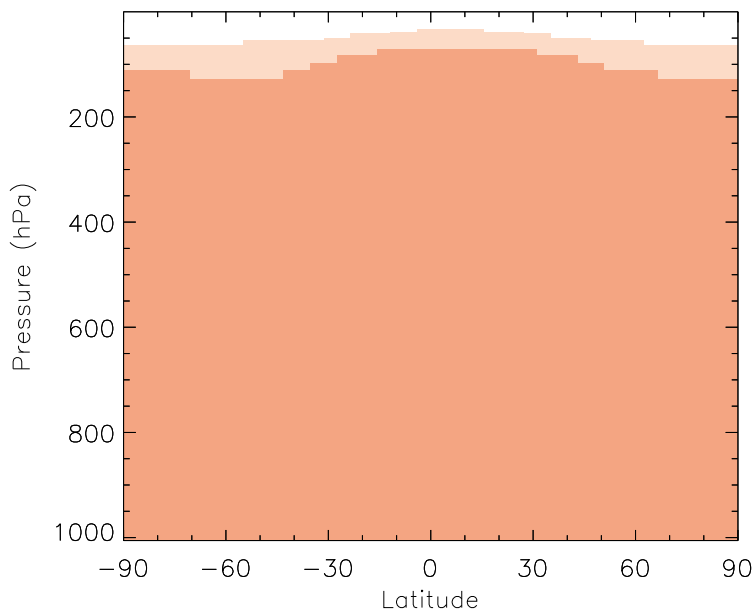


v11-01g-Run0 / v11-01d-Run1
CH₃CCl₃ - Zonal mean % diff for Jul

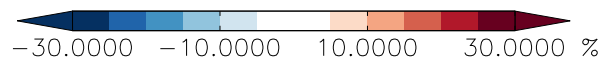
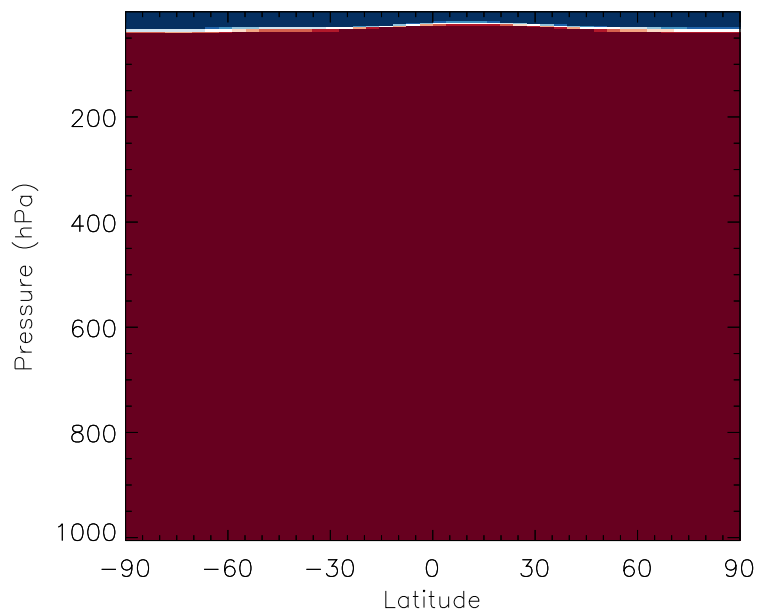


GEOS-Chem Zonal Difference Maps

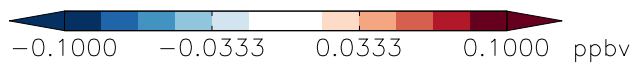
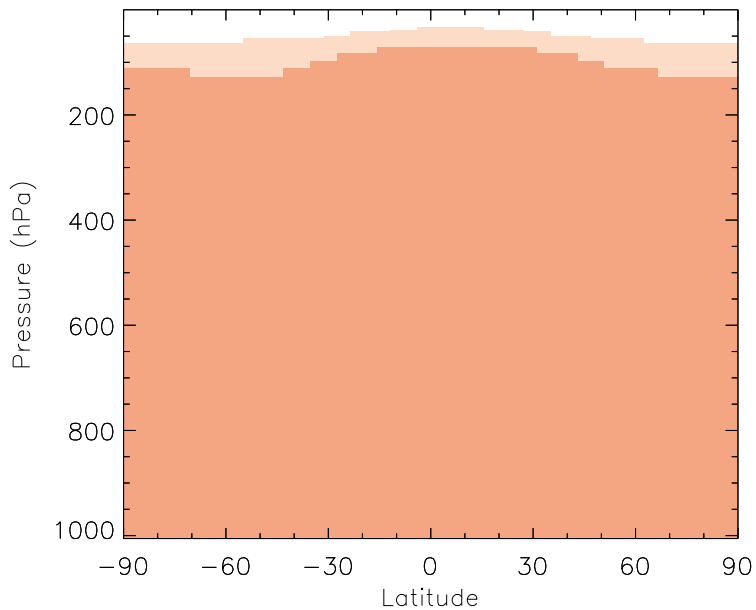
v11-01g-Run0 - v11-01f-geosfp-Run0
CFC113 - Zonal mean abs diff for Jul



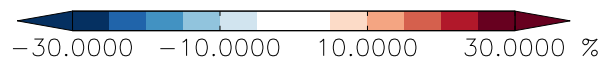
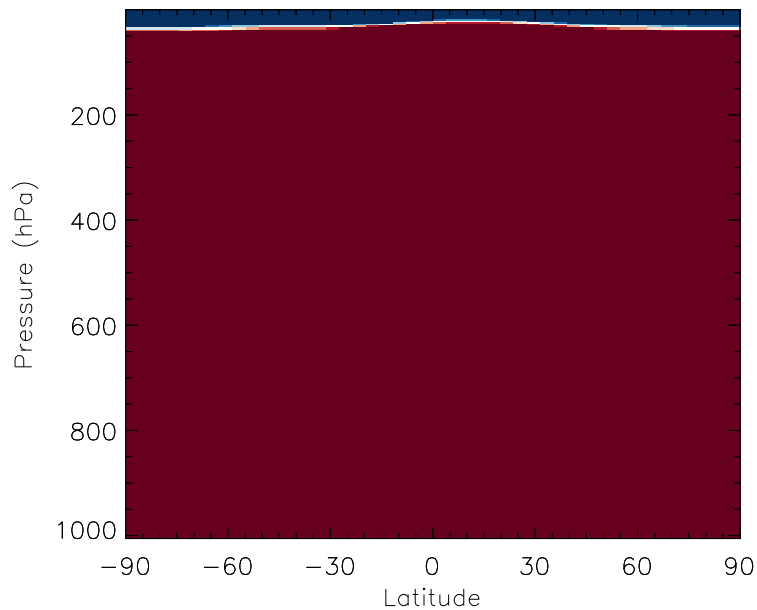
v11-01g-Run0 / v11-01f-geosfp-Run0
CFC113 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
CFC113 - Zonal mean abs diff for Jul

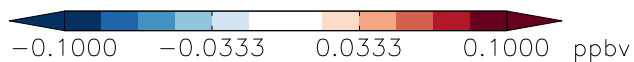
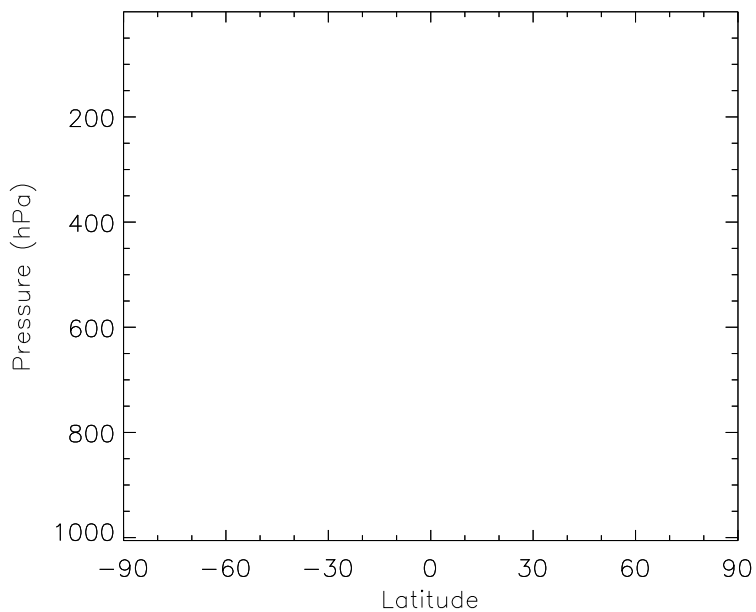


v11-01g-Run0 / v11-01d-Run1
CFC113 - Zonal mean % diff for Jul

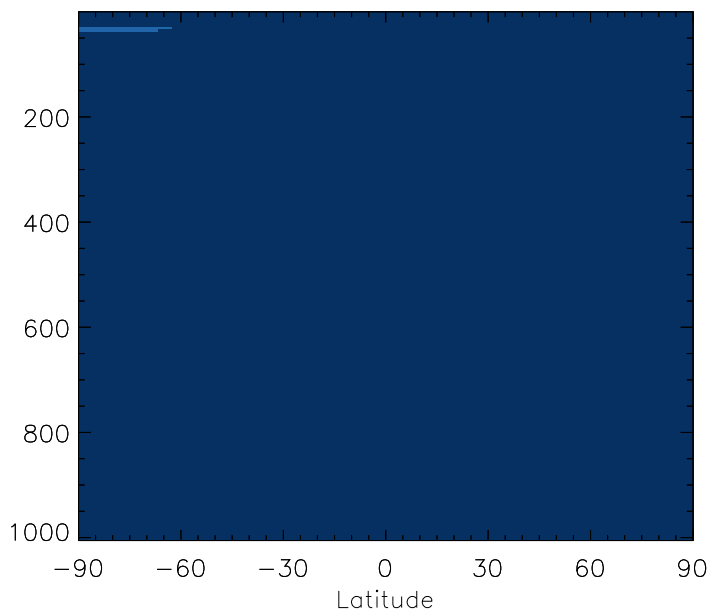


GEOS-Chem Zonal Difference Maps

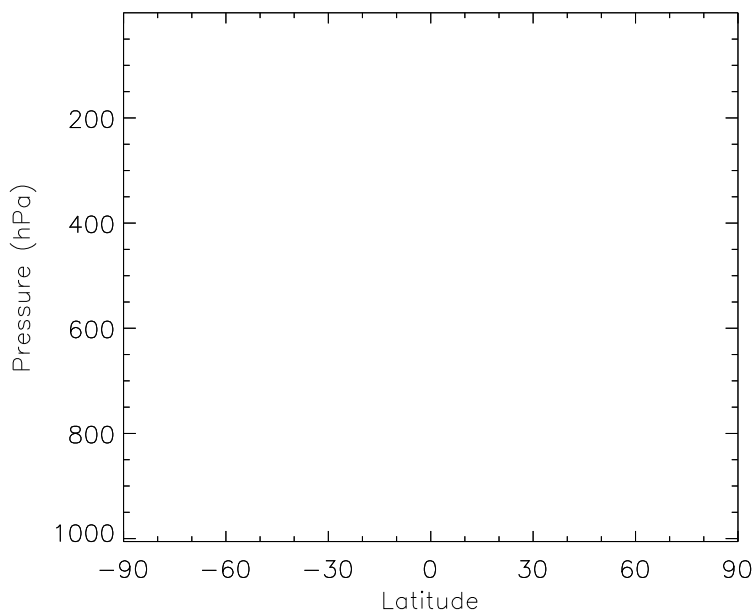
v11-01g-Run0 - v11-01f-geosfp-Run0
CFC114 - Zonal mean abs diff for Jul



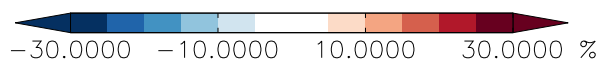
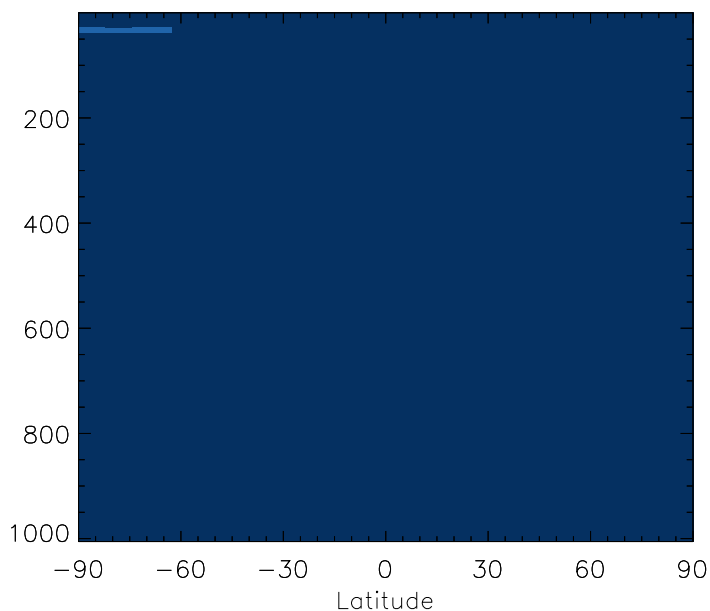
v11-01g-Run0 / v11-01f-geosfp-Run0
CFC114 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
CFC114 - Zonal mean abs diff for Jul

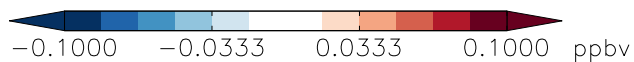
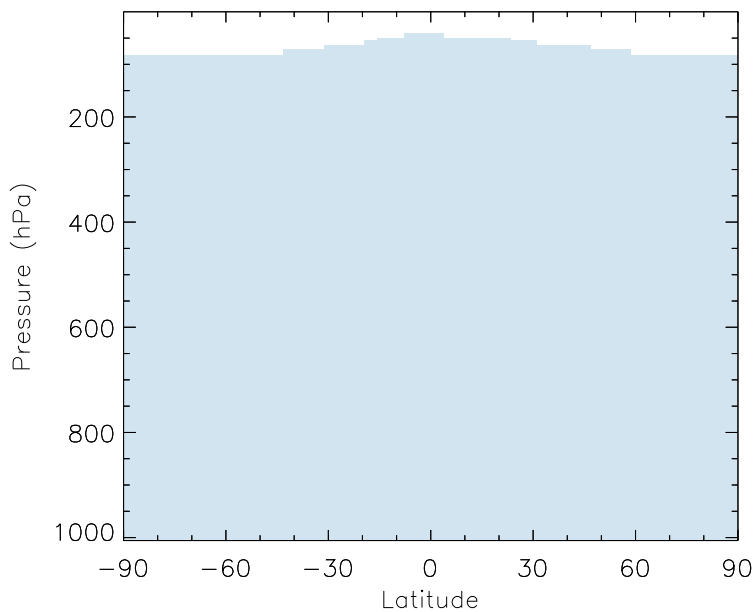


v11-01g-Run0 / v11-01d-Run1
CFC114 - Zonal mean % diff for Jul

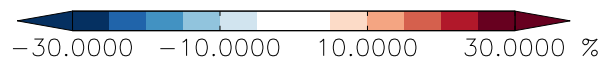
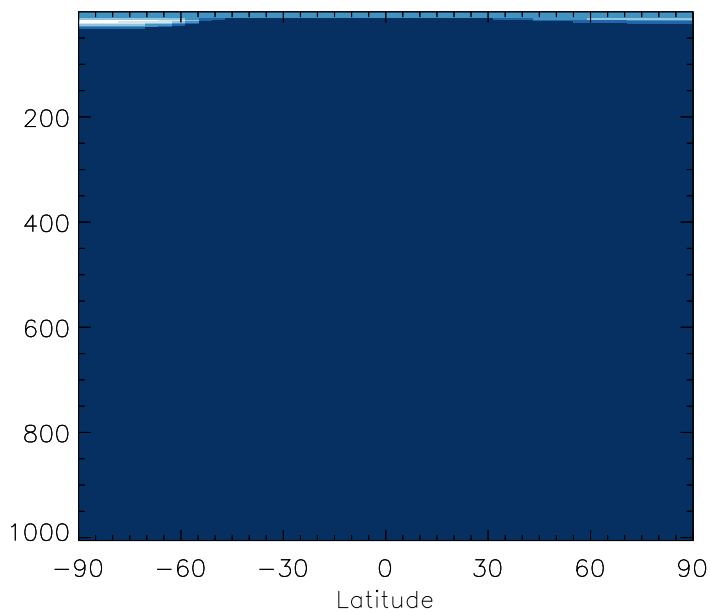


GEOS-Chem Zonal Difference Maps

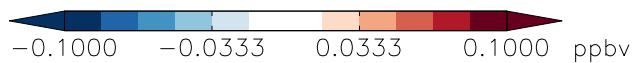
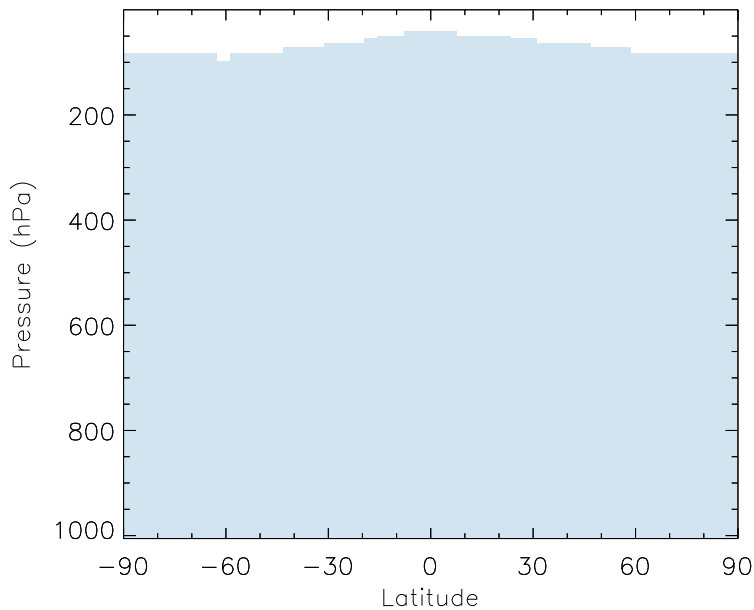
v11-01g-Run0 - v11-01f-geosfp-Run0
CFC115 - Zonal mean abs diff for Jul



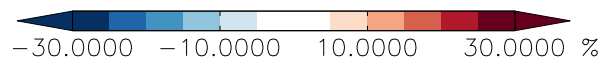
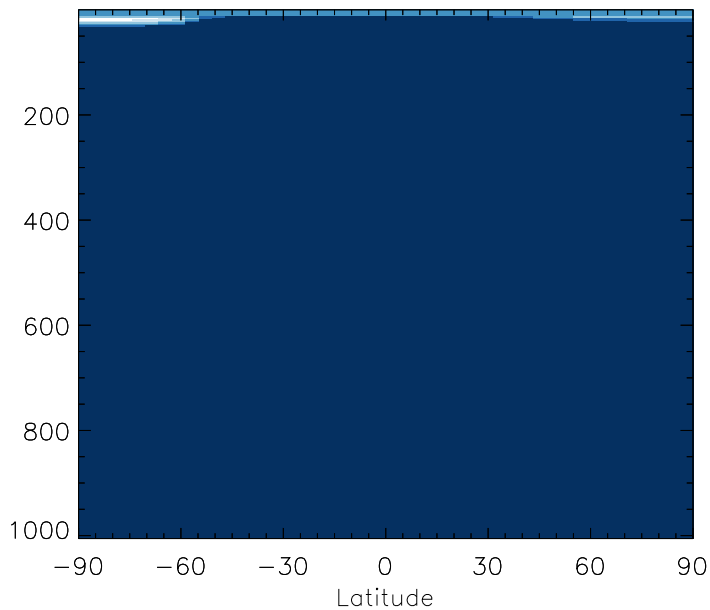
v11-01g-Run0 / v11-01f-geosfp-Run0
CFC115 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
CFC115 - Zonal mean abs diff for Jul

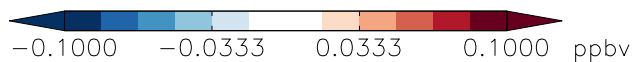
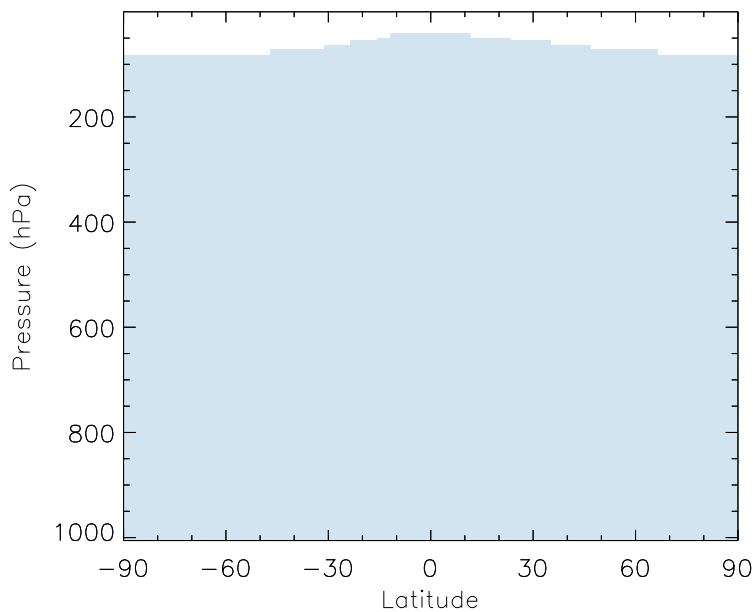


v11-01g-Run0 / v11-01d-Run1
CFC115 - Zonal mean % diff for Jul

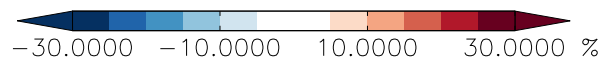
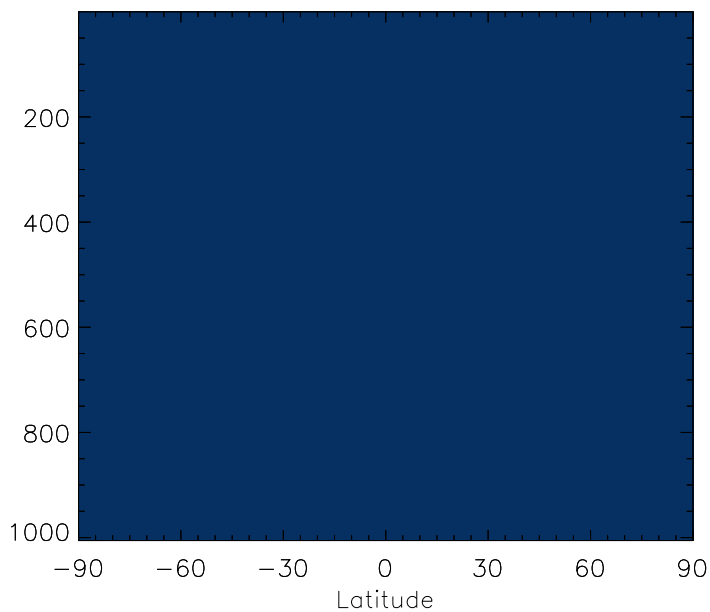


GEOS-Chem Zonal Difference Maps

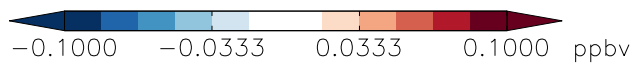
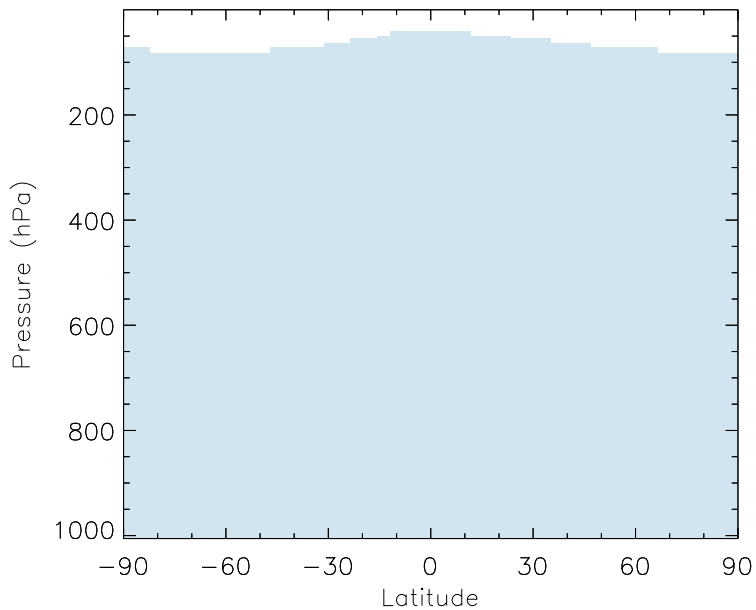
v11-01g-Run0 - v11-01f-geosfp-Run0
HCFC123 - Zonal mean abs diff for Jul



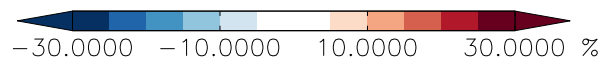
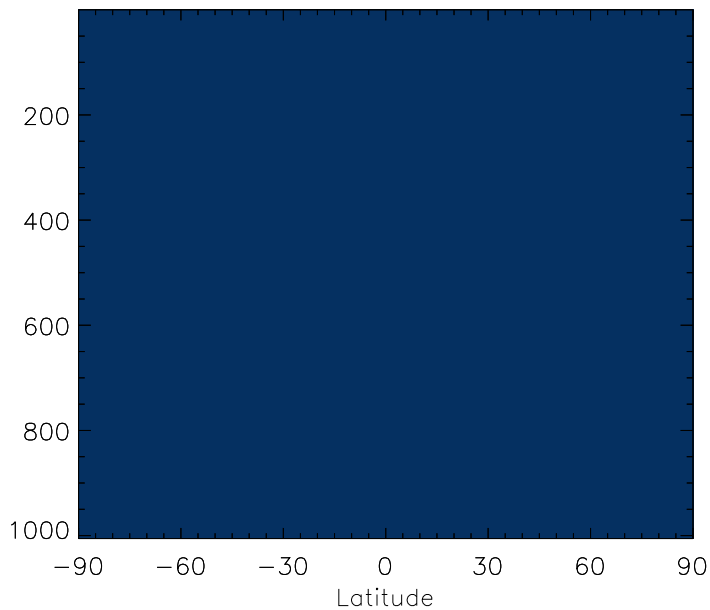
v11-01g-Run0 / v11-01f-geosfp-Run0
HCFC123 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
HCFC123 - Zonal mean abs diff for Jul

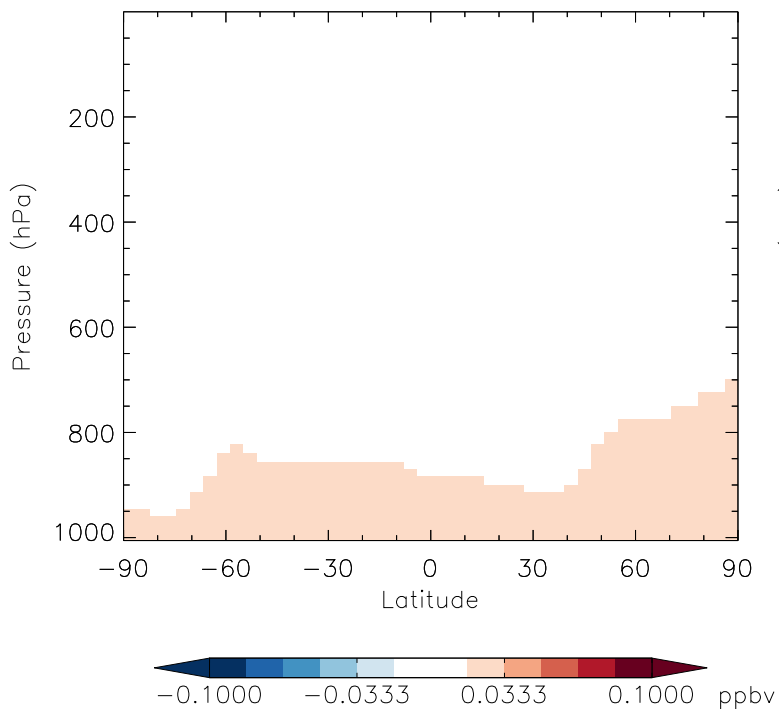


v11-01g-Run0 / v11-01d-Run1
HCFC123 - Zonal mean % diff for Jul

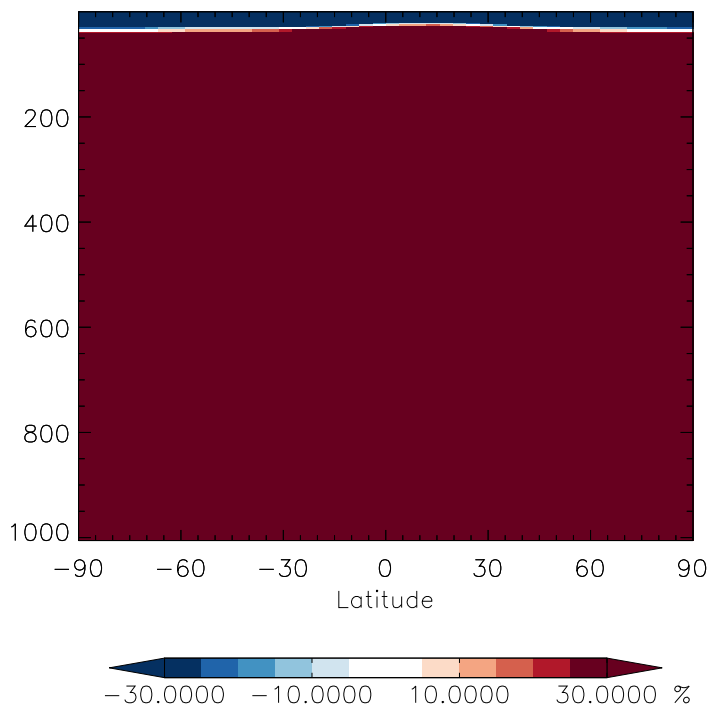


GEOS-Chem Zonal Difference Maps

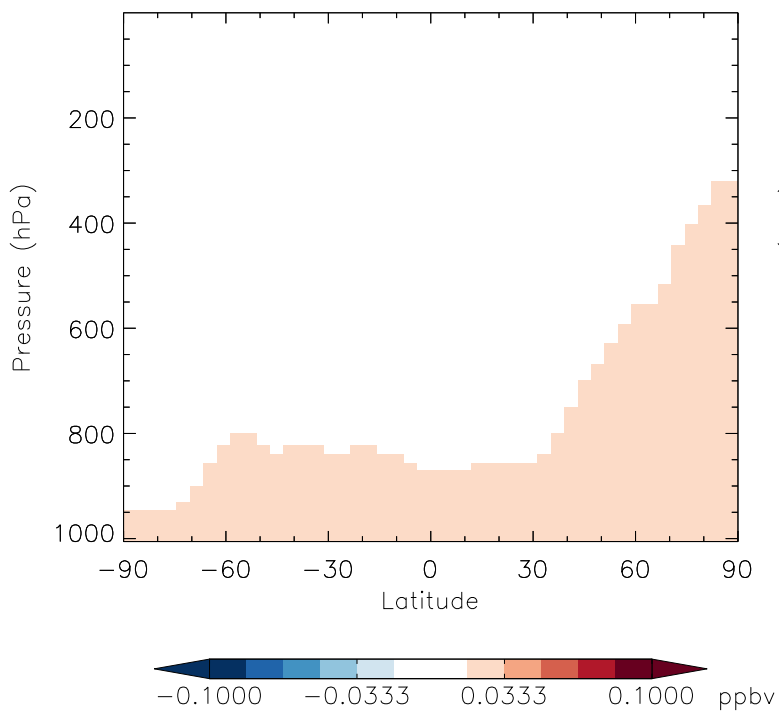
v11-01g-Run0 - v11-01f-geosfp-Run0
HCFC141b - Zonal mean abs diff for Jul



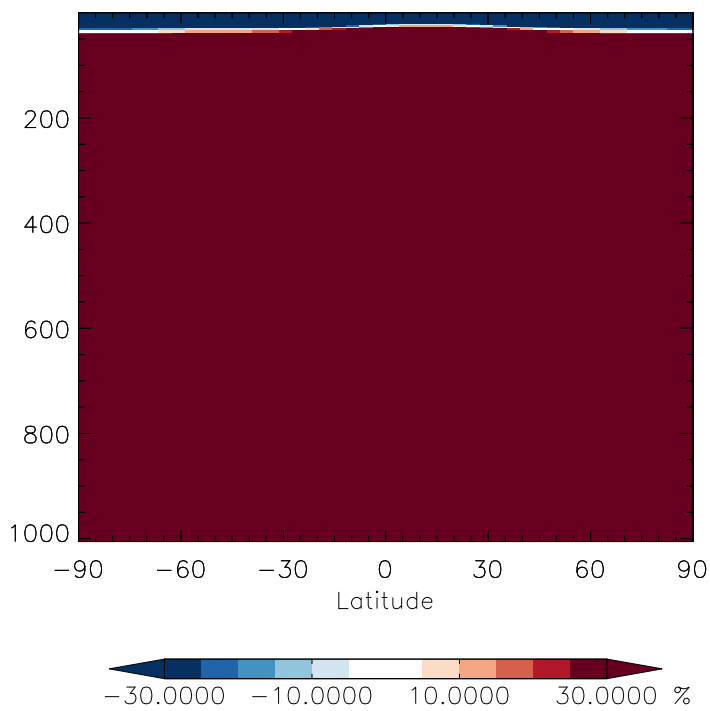
v11-01g-Run0 / v11-01f-geosfp-Run0
HCFC141b - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
HCFC141b - Zonal mean abs diff for Jul

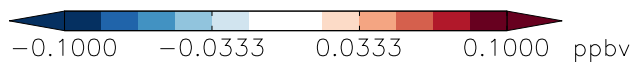
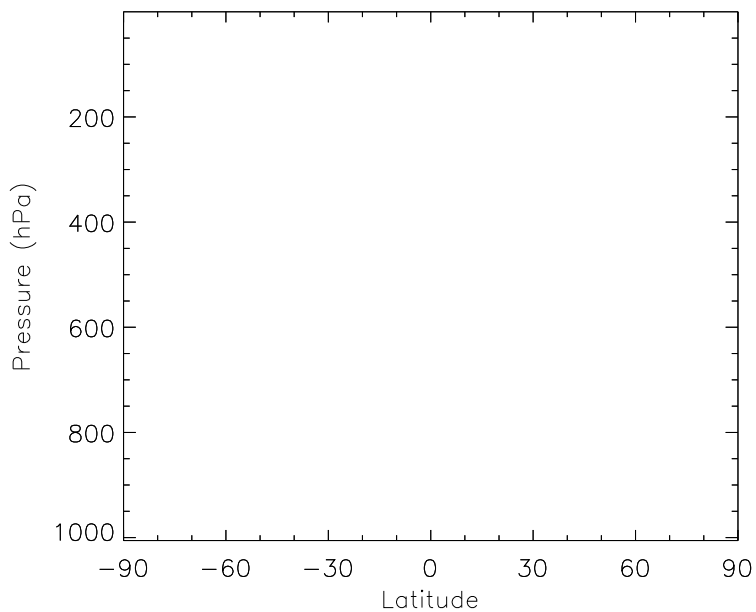


v11-01g-Run0 / v11-01d-Run1
HCFC141b - Zonal mean % diff for Jul

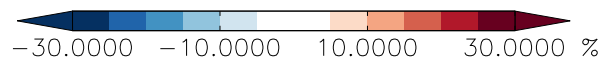
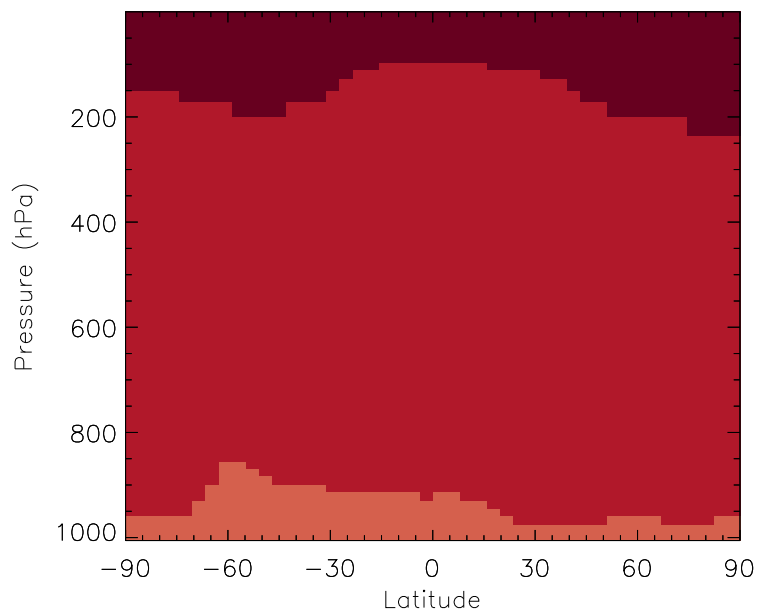


GEOS-Chem Zonal Difference Maps

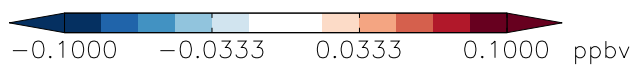
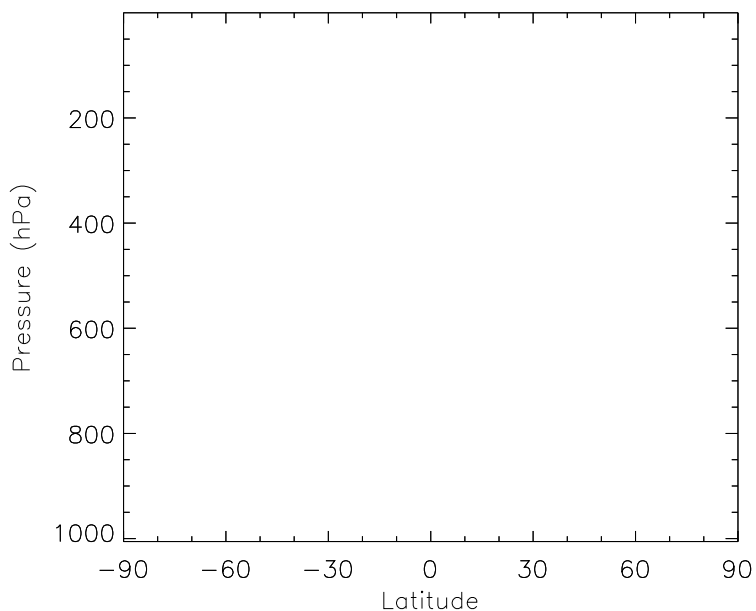
v11-01g-Run0 - v11-01f-geosfp-Run0
HCFC142b - Zonal mean abs diff for Jul



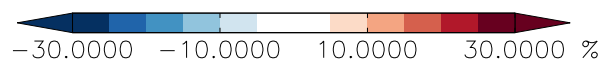
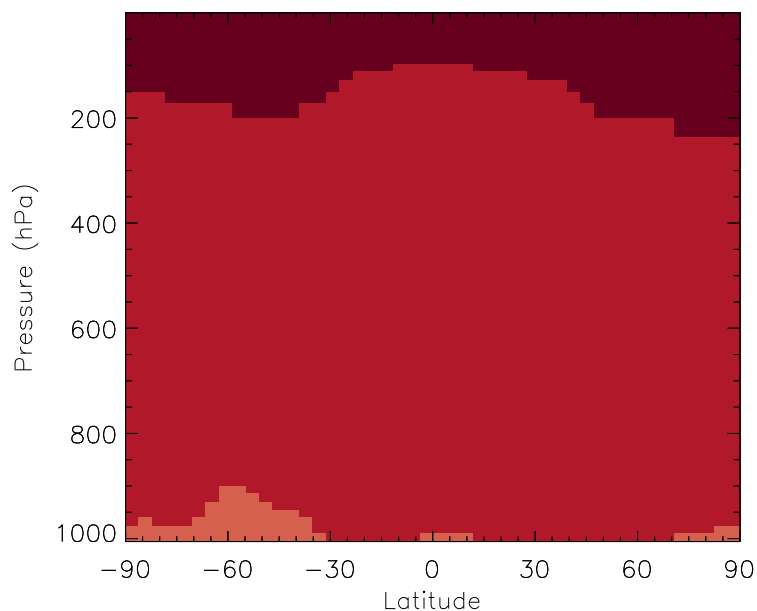
v11-01g-Run0 / v11-01f-geosfp-Run0
HCFC142b - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
HCFC142b - Zonal mean abs diff for Jul



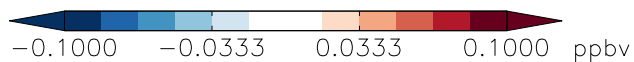
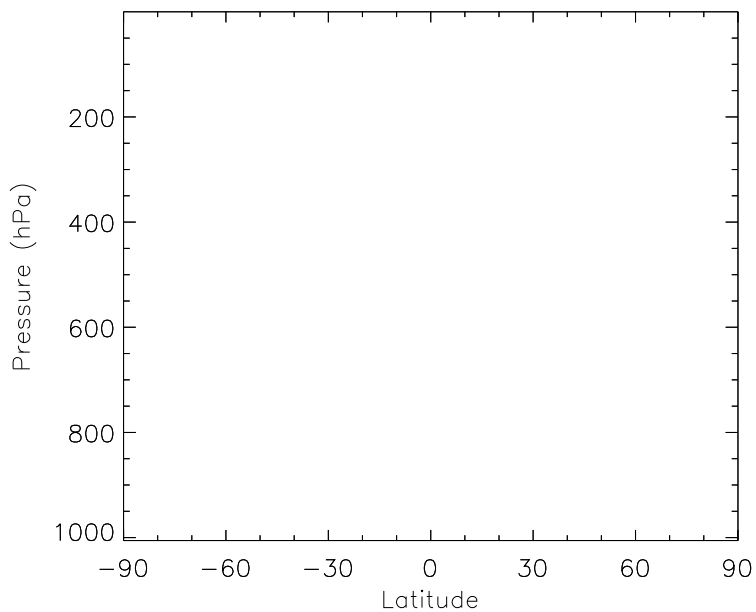
v11-01g-Run0 / v11-01d-Run1
HCFC142b - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

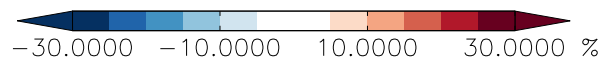
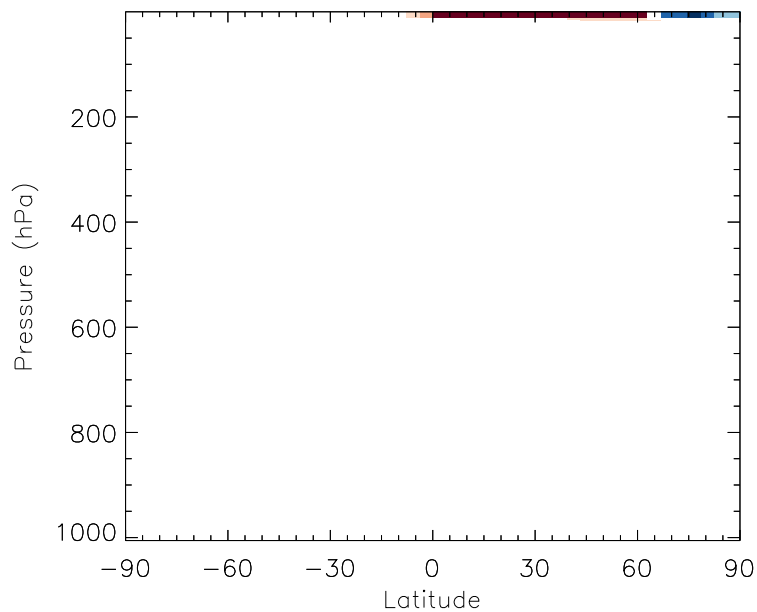
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC11 - Zonal mean abs diff for Jul



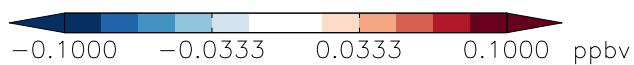
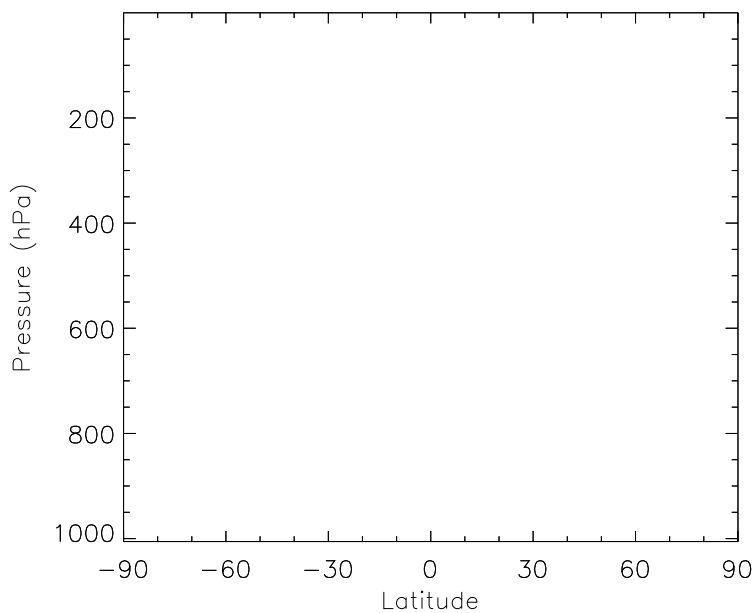
v11-01g-Run0 / v11-01f-geosfp-Run0

CFC11 - Zonal mean % diff for Jul



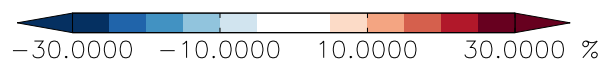
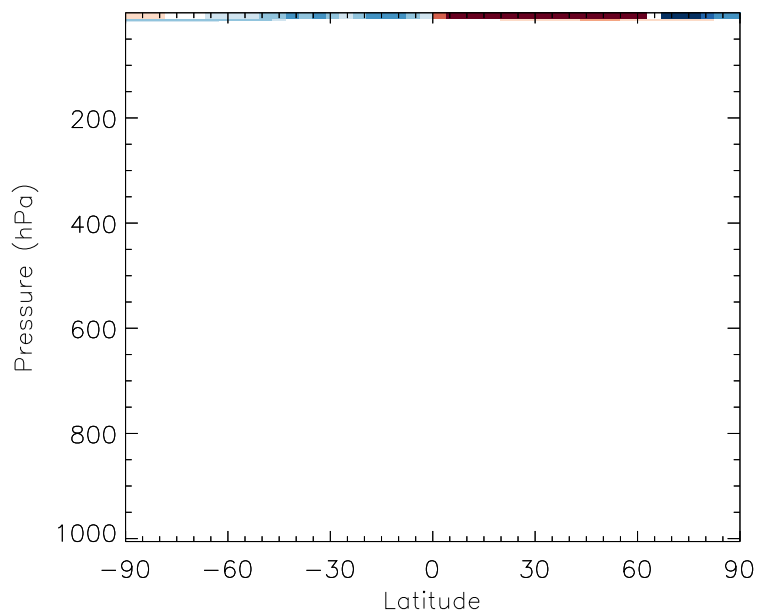
v11-01g-Run0 - v11-01d-Run1

CFC11 - Zonal mean abs diff for Jul



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

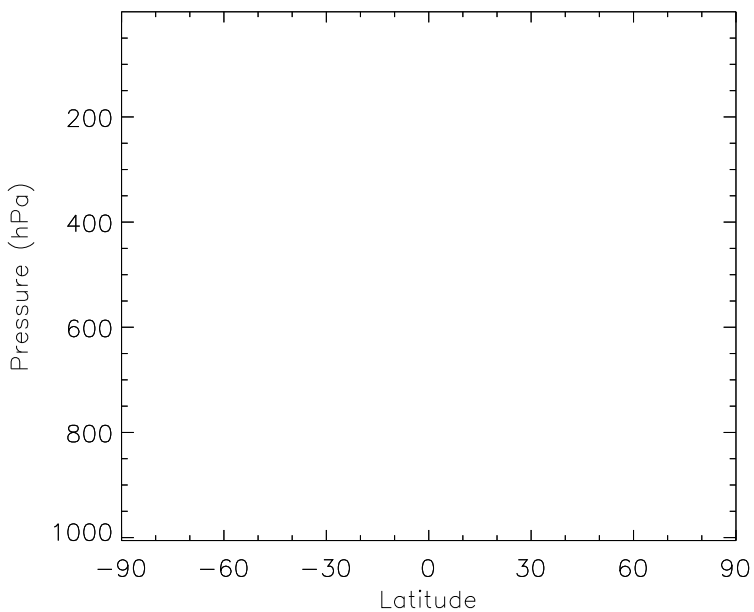
CFC11 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

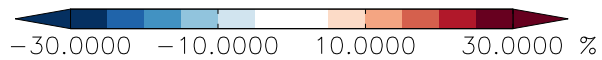
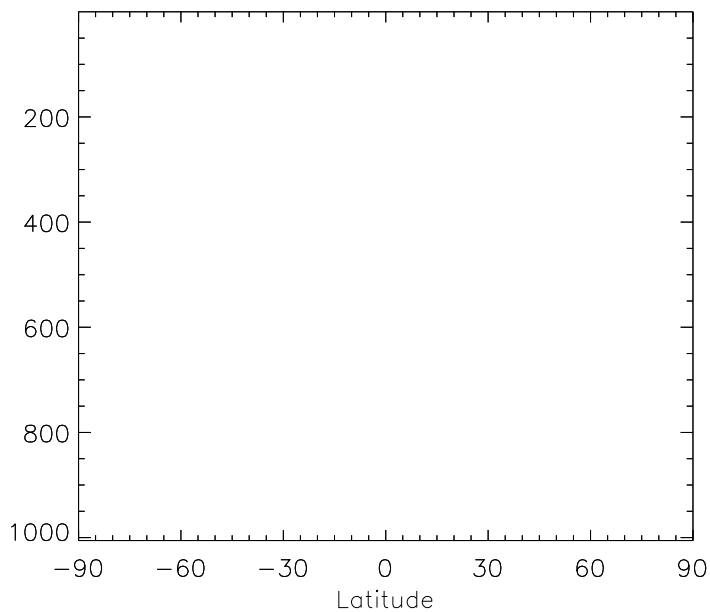
v11-01g-Run0 - v11-01f-geosfp-Run0

CFC12 - Zonal mean abs diff for Jul



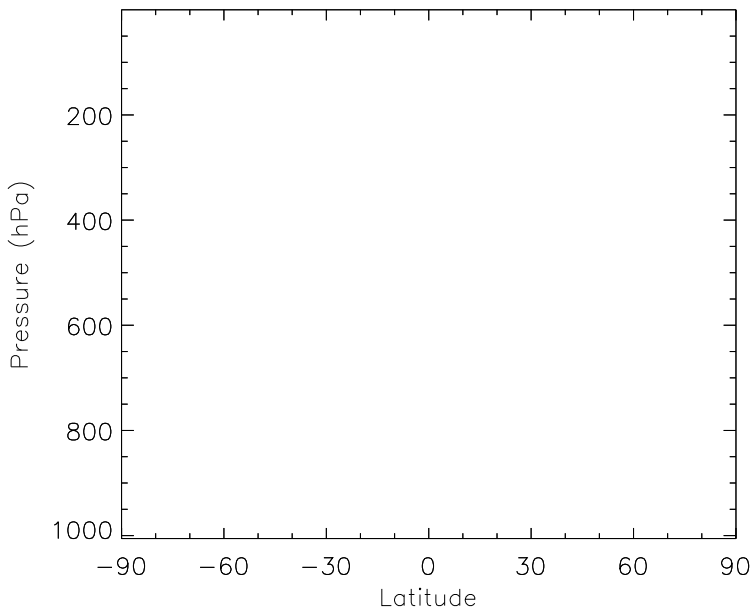
v11-01g-Run0 / v11-01f-geosfp-Run0

CFC12 - Zonal mean % diff for Jul



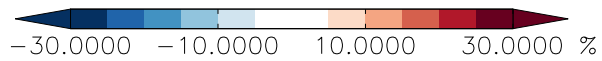
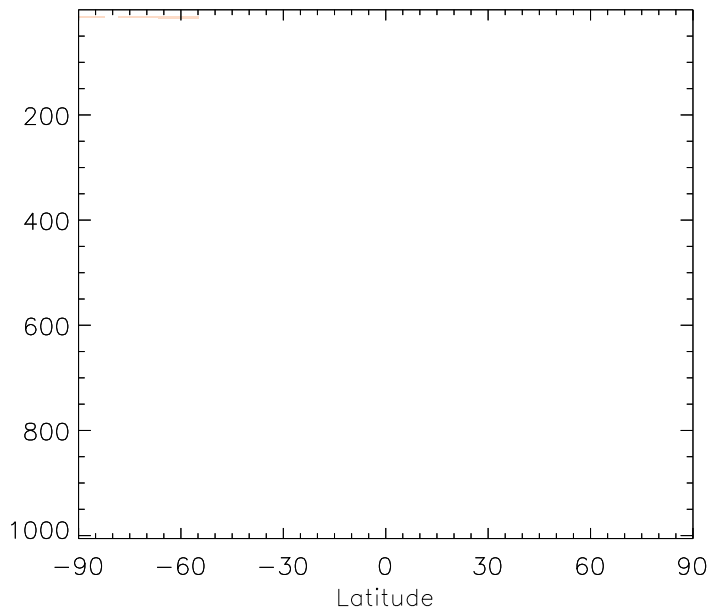
v11-01g-Run0 - v11-01d-Run1

CFC12 - Zonal mean abs diff for Jul



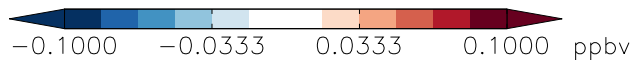
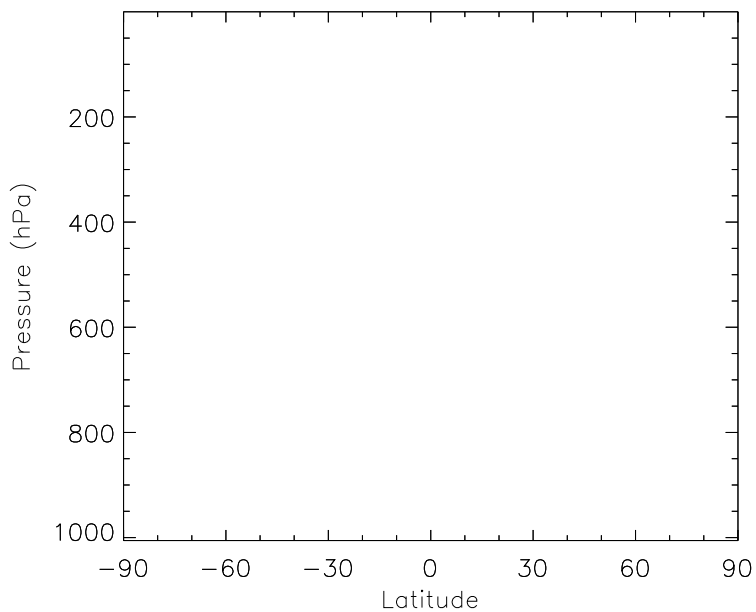
v11-01g-Run0 / v11-01d-Run1

CFC12 - Zonal mean % diff for Jul

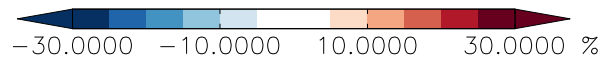
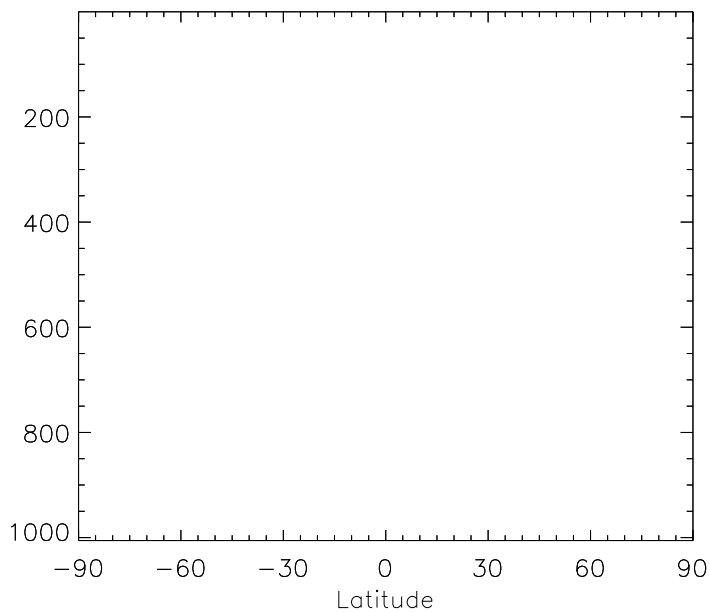


GEOS-Chem Zonal Difference Maps

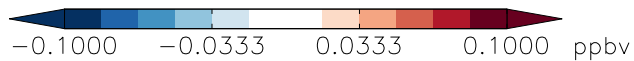
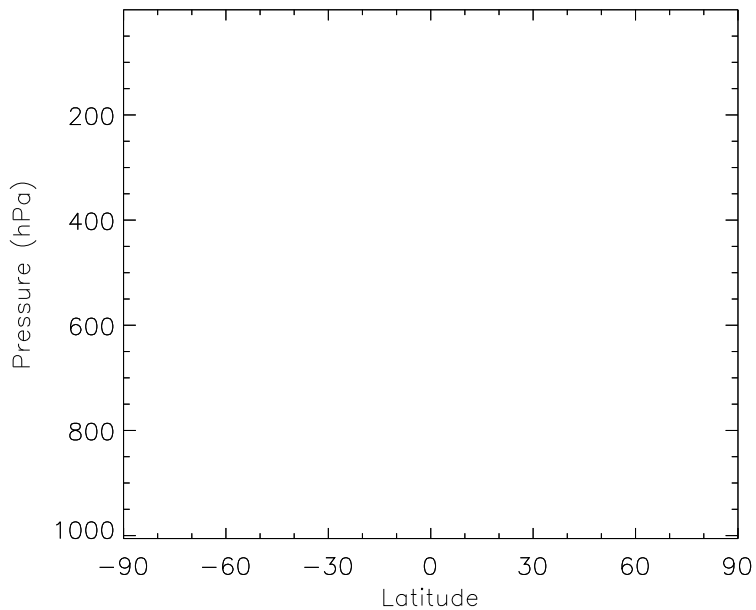
v11-01g-Run0 - v11-01f-geosfp-Run0
HCFC22 - Zonal mean abs diff for Jul



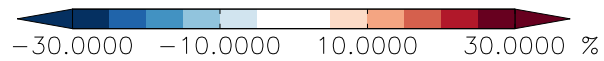
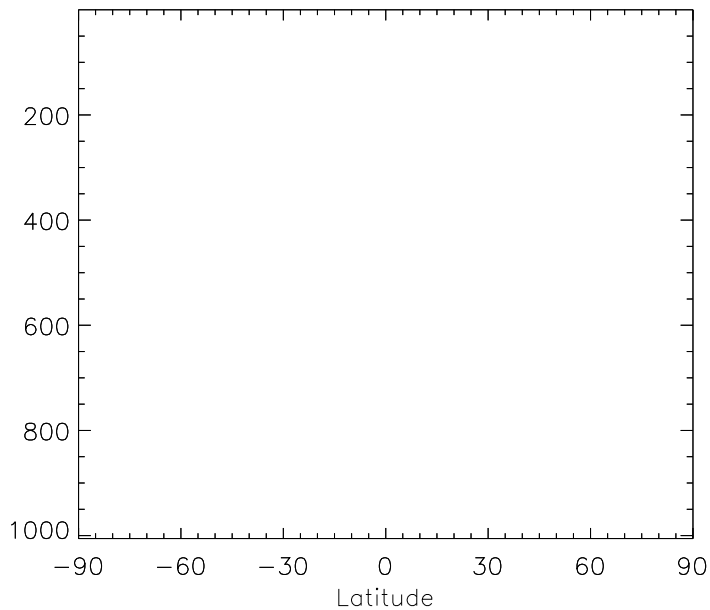
v11-01g-Run0 / v11-01f-geosfp-Run0
HCFC22 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
HCFC22 - Zonal mean abs diff for Jul



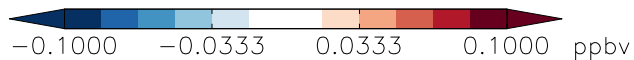
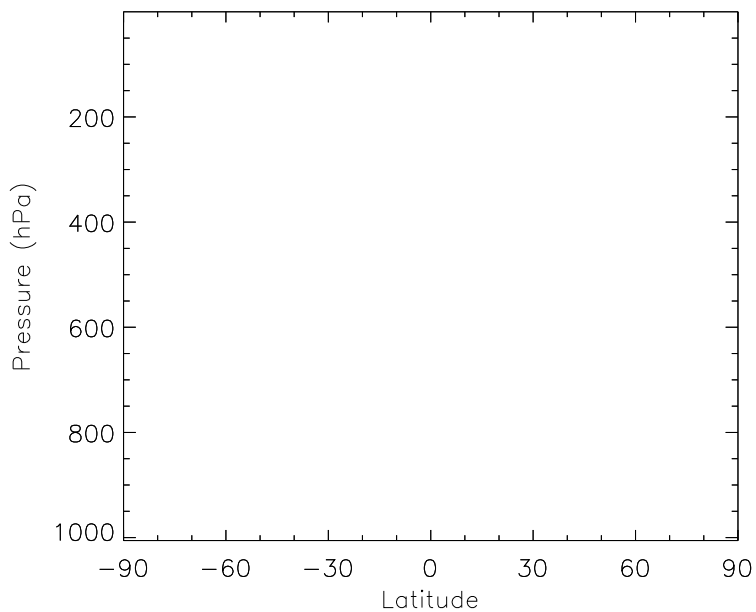
v11-01g-Run0 / v11-01d-Run1
HCFC22 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

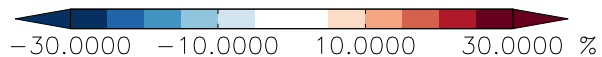
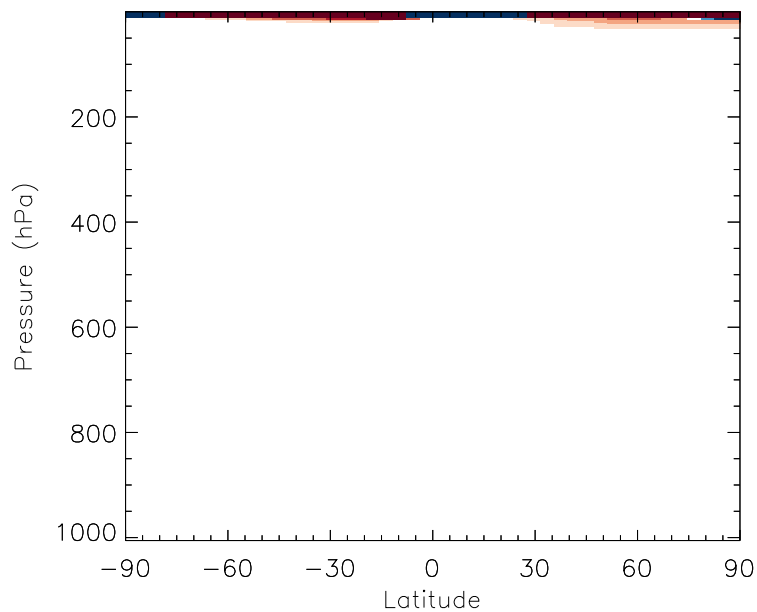
v11-01g-Run0 - v11-01f-geosfp-Run0

H1211 - Zonal mean abs diff for Jul



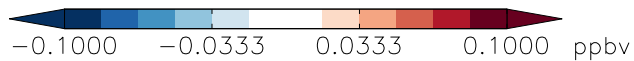
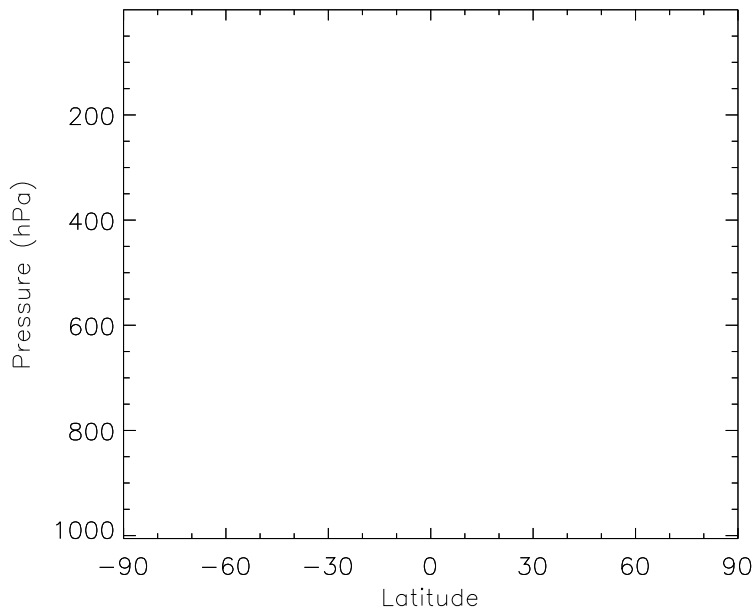
v11-01g-Run0 / v11-01f-geosfp-Run0

H1211 - Zonal mean % diff for Jul



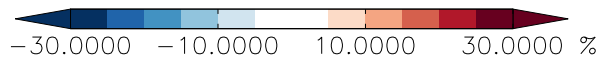
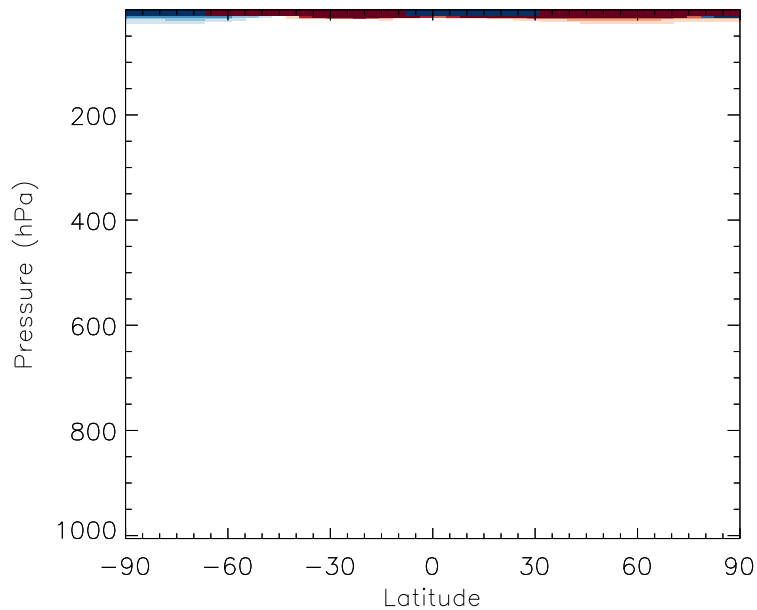
v11-01g-Run0 - v11-01d-Run1

H1211 - Zonal mean abs diff for Jul



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

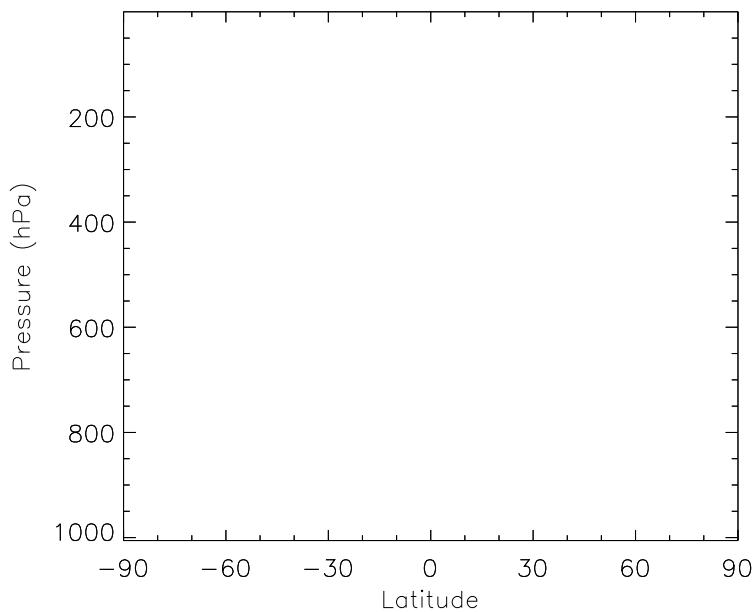
H1211 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

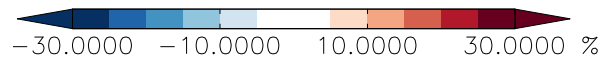
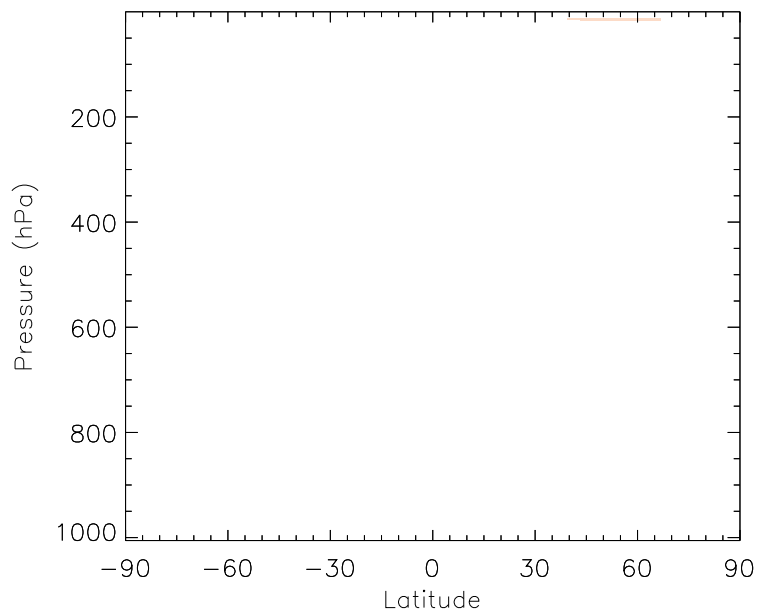
v11-01g-Run0 - v11-01f-geosfp-Run0

H1301 - Zonal mean abs diff for Jul



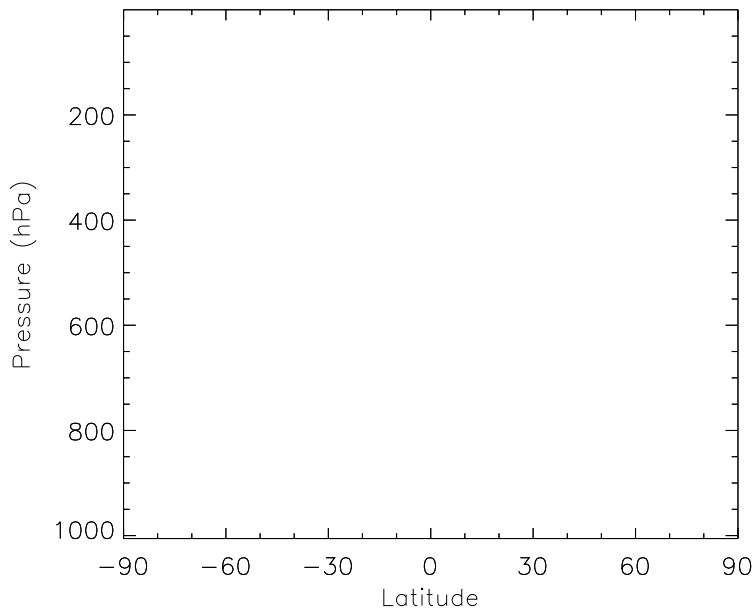
v11-01g-Run0 / v11-01f-geosfp-Run0

H1301 - Zonal mean % diff for Jul



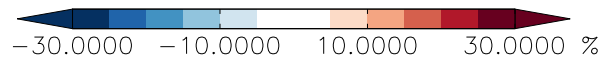
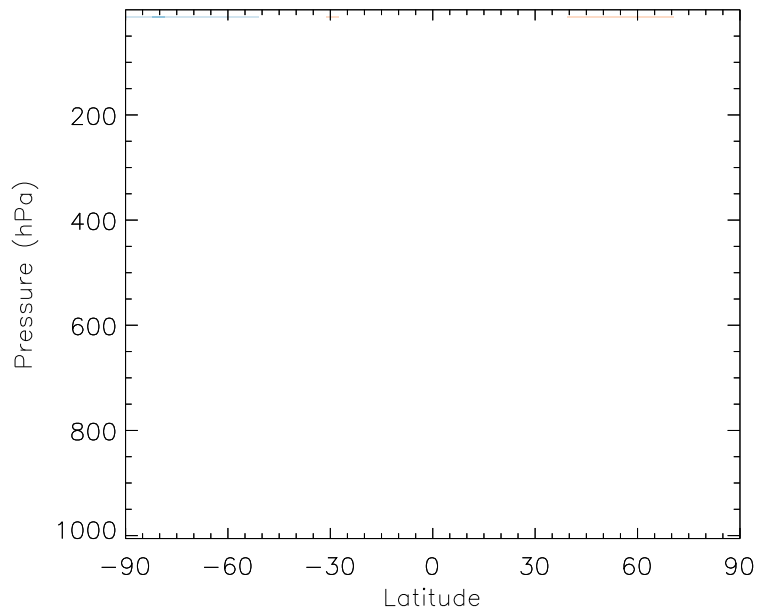
v11-01g-Run0 - v11-01d-Run1

H1301 - Zonal mean abs diff for Jul



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

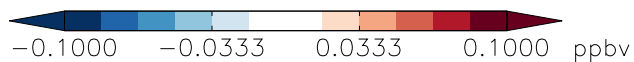
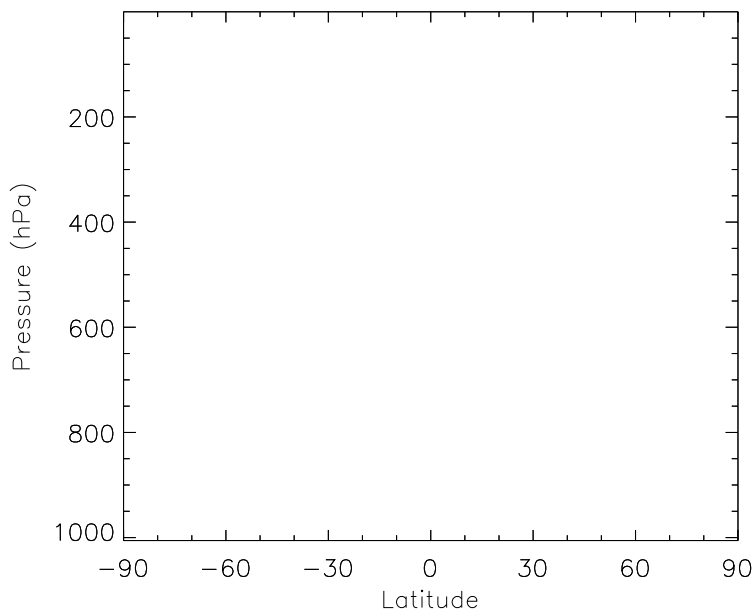
H1301 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

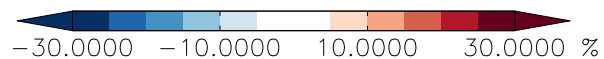
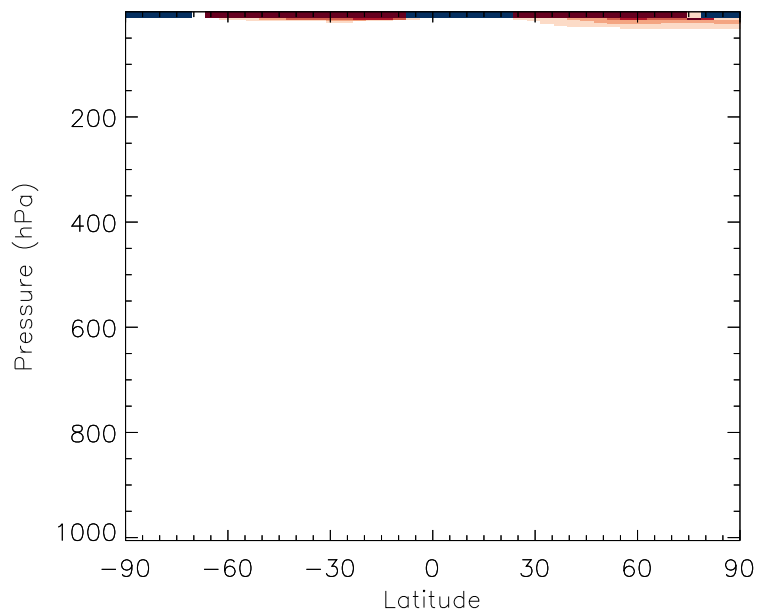
v11-01g-Run0 - v11-01f-geosfp-Run0

H2402 - Zonal mean abs diff for Jul



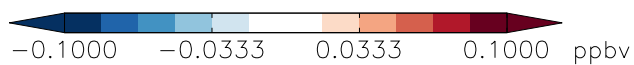
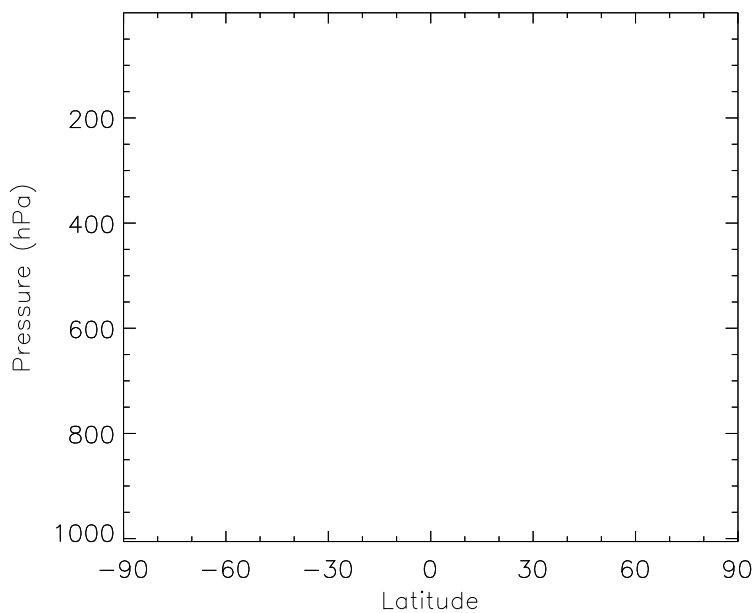
v11-01g-Run0 / v11-01f-geosfp-Run0

H2402 - Zonal mean % diff for Jul



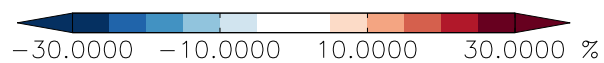
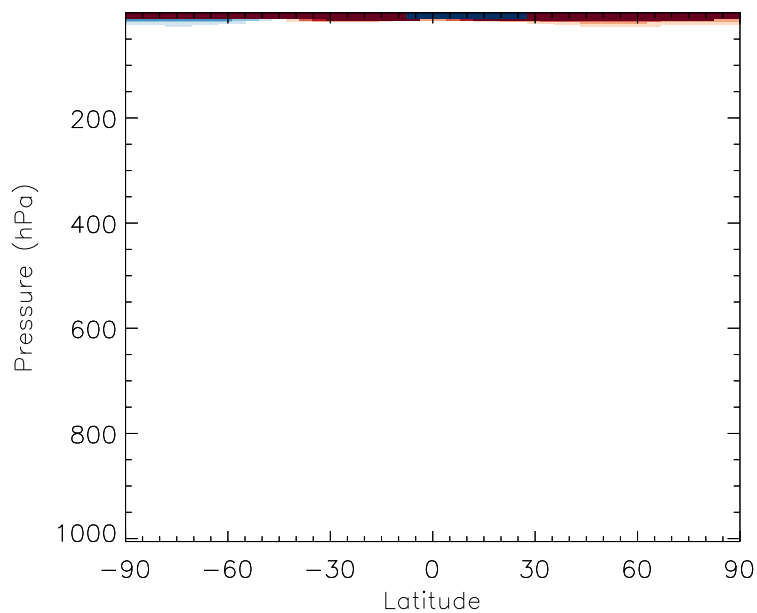
v11-01g-Run0 - v11-01d-Run1

H2402 - Zonal mean abs diff for Jul



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

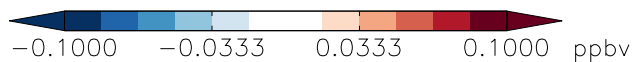
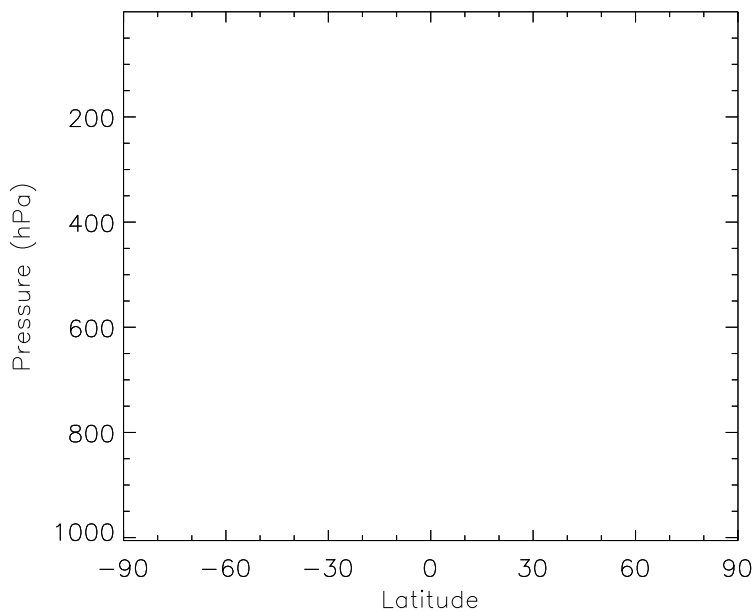
H2402 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

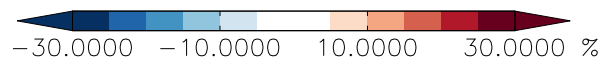
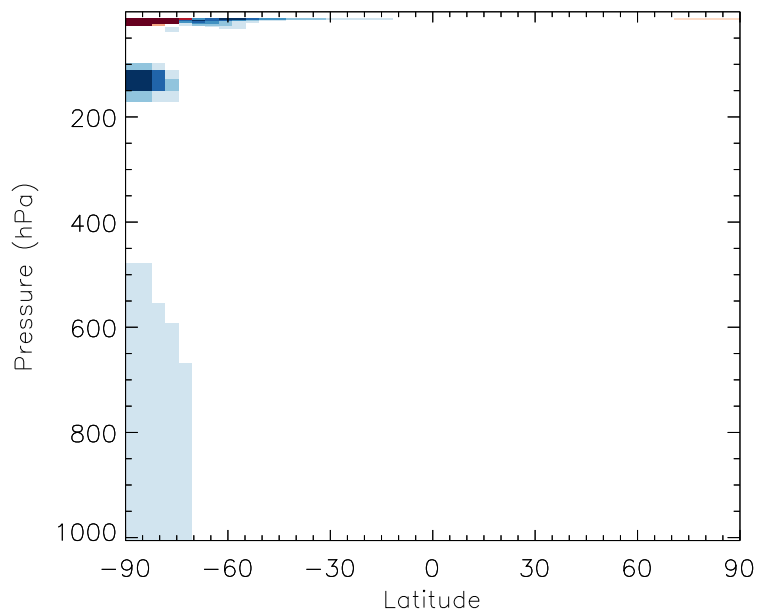
v11-01g-Run0 - v11-01f-geosfp-Run0

Cl - Zonal mean abs diff for Jul



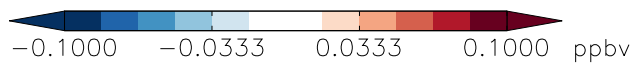
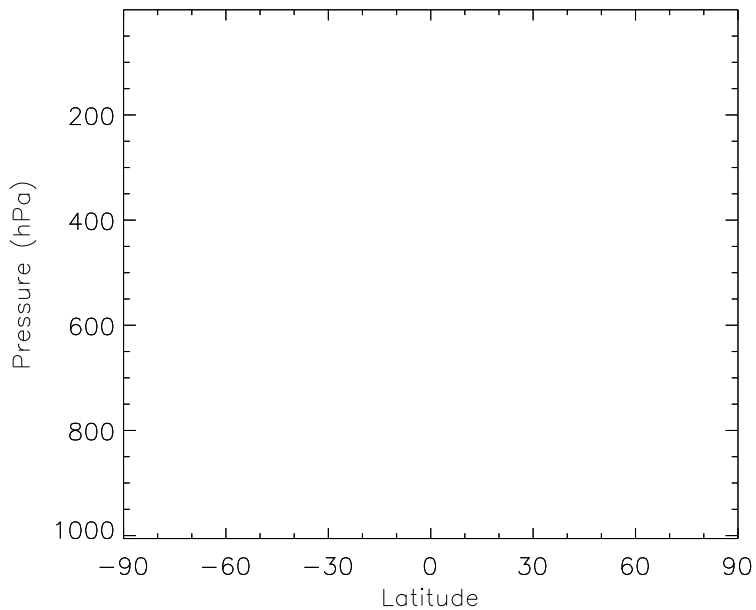
v11-01g-Run0 / v11-01f-geosfp-Run0

Cl - Zonal mean % diff for Jul



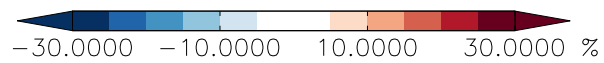
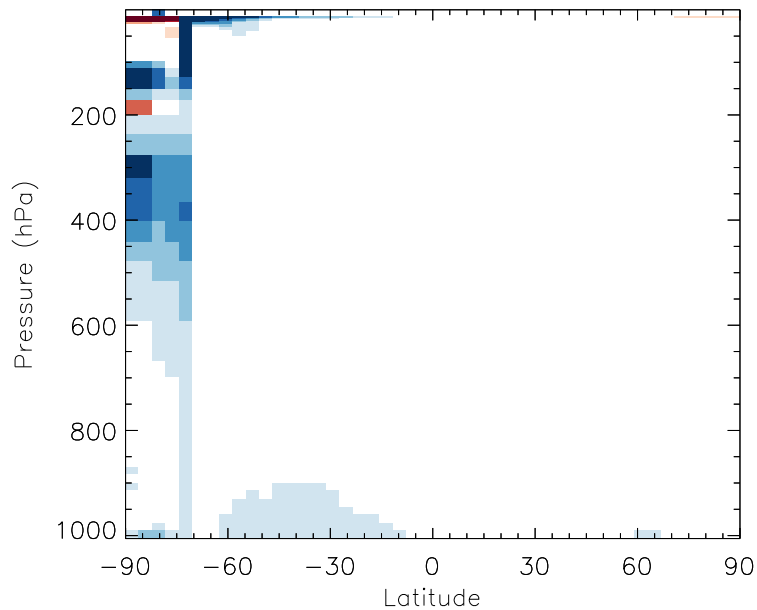
v11-01g-Run0 - v11-01d-Run1

Cl - Zonal mean abs diff for Jul



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

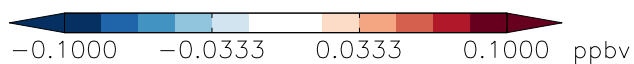
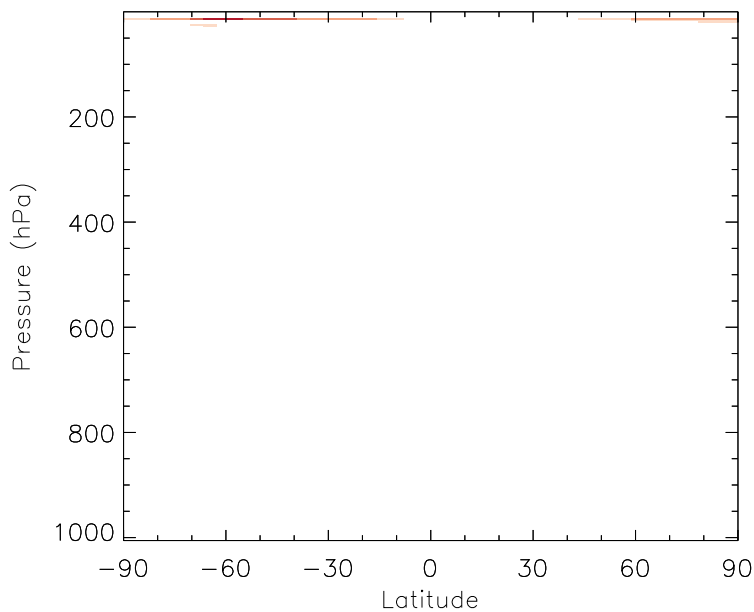
Cl - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

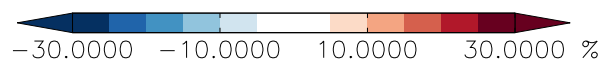
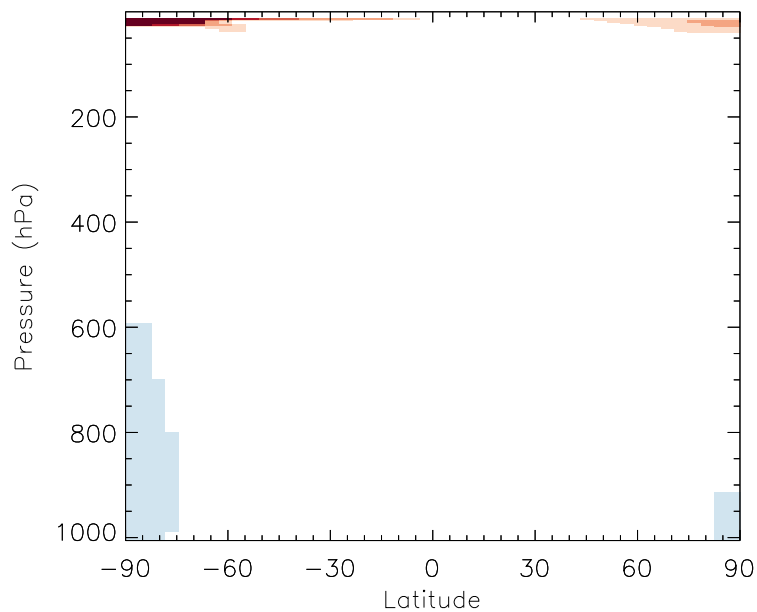
v11-01g-Run0 - v11-01f-geosfp-Run0

ClO - Zonal mean abs diff for Jul



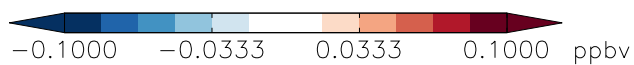
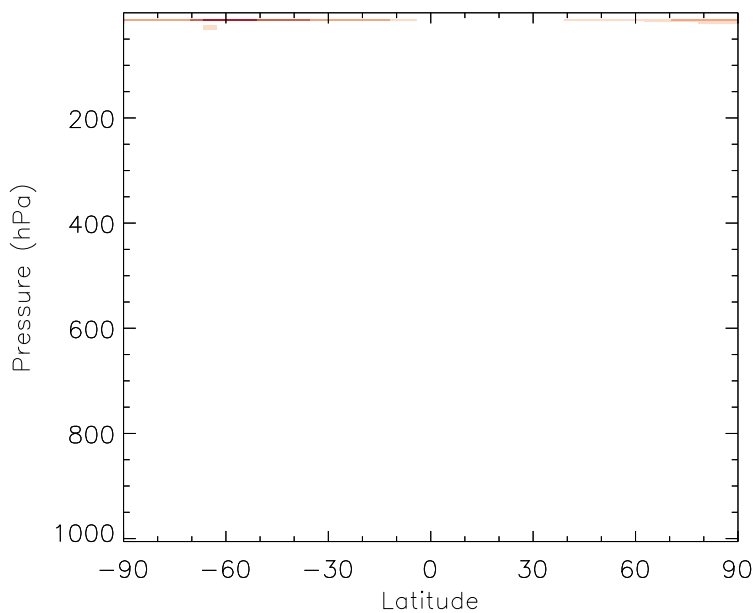
v11-01g-Run0 / v11-01f-geosfp-Run0

ClO - Zonal mean % diff for Jul



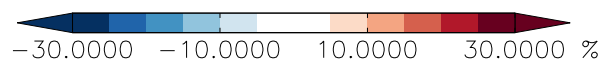
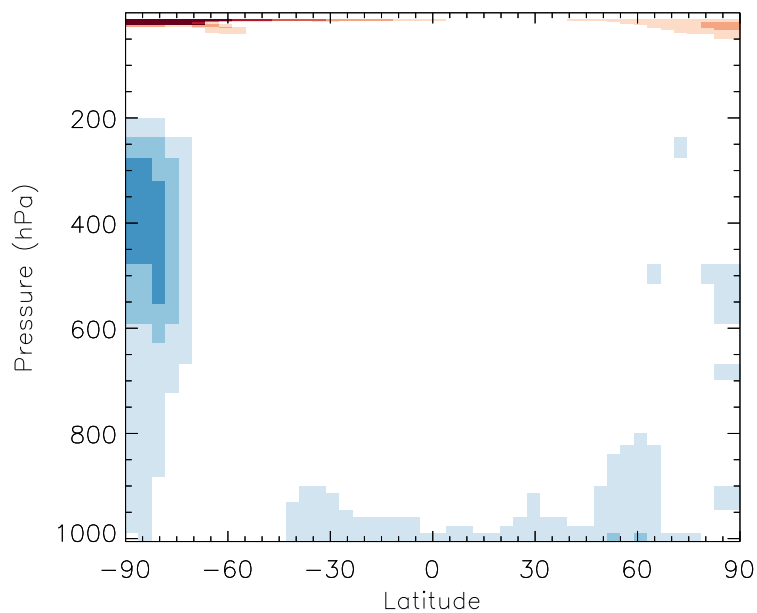
v11-01g-Run0 - v11-01d-Run1

ClO - Zonal mean abs diff for Jul



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

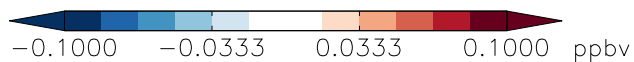
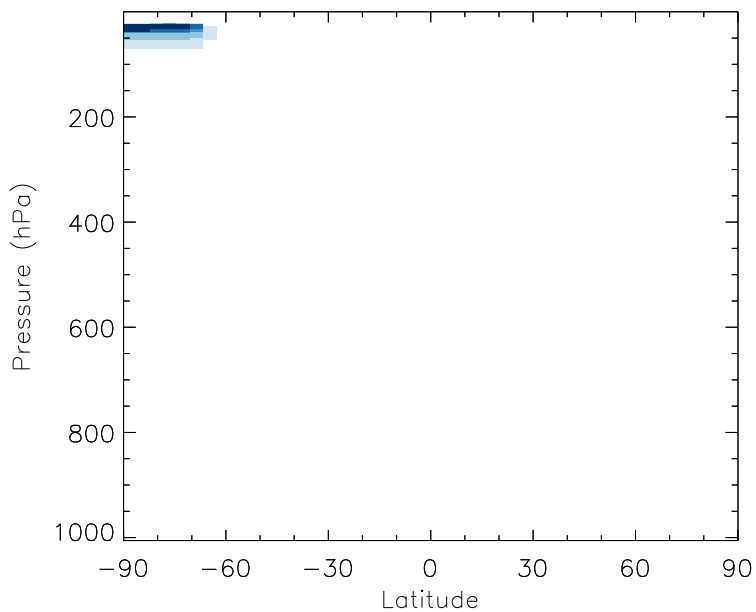
ClO - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

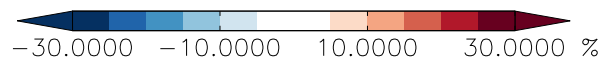
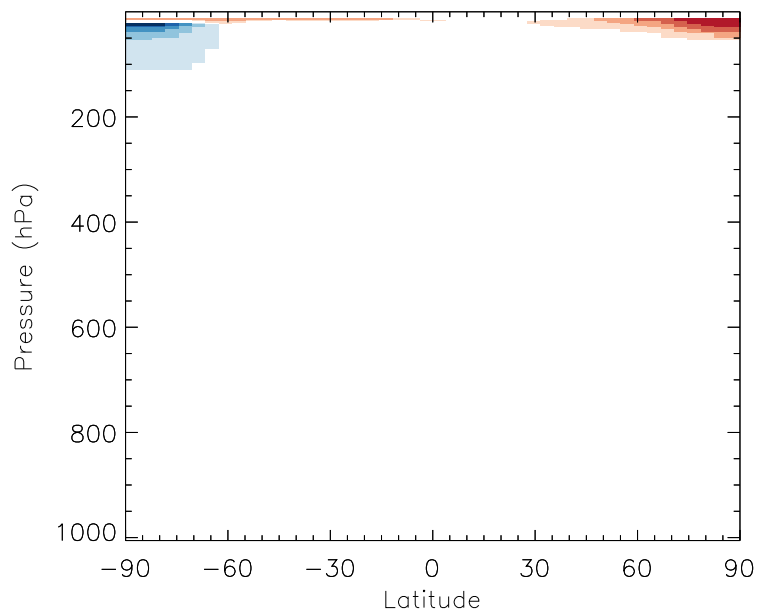
v11-01g-Run0 - v11-01f-geosfp-Run0

HOCl - Zonal mean abs diff for Jul



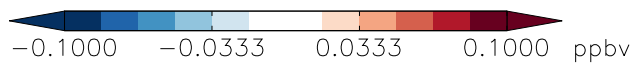
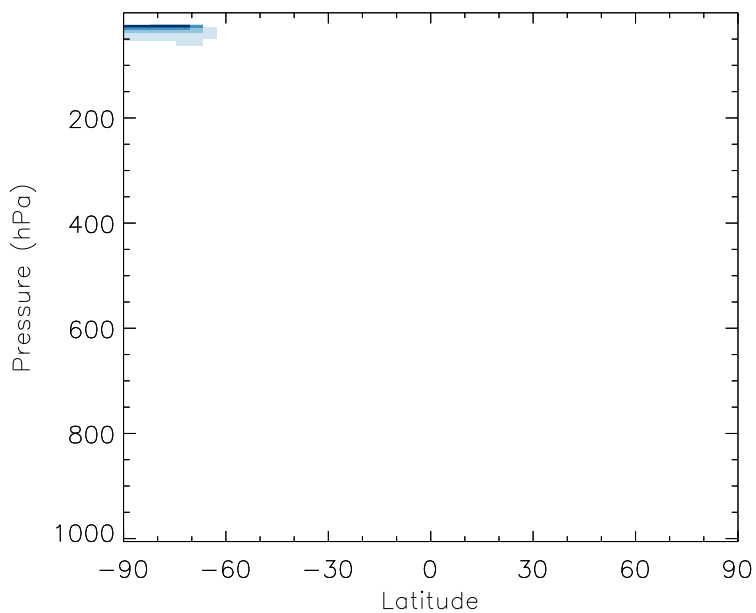
v11-01g-Run0 / v11-01f-geosfp-Run0

HOCl - Zonal mean % diff for Jul



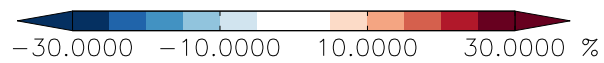
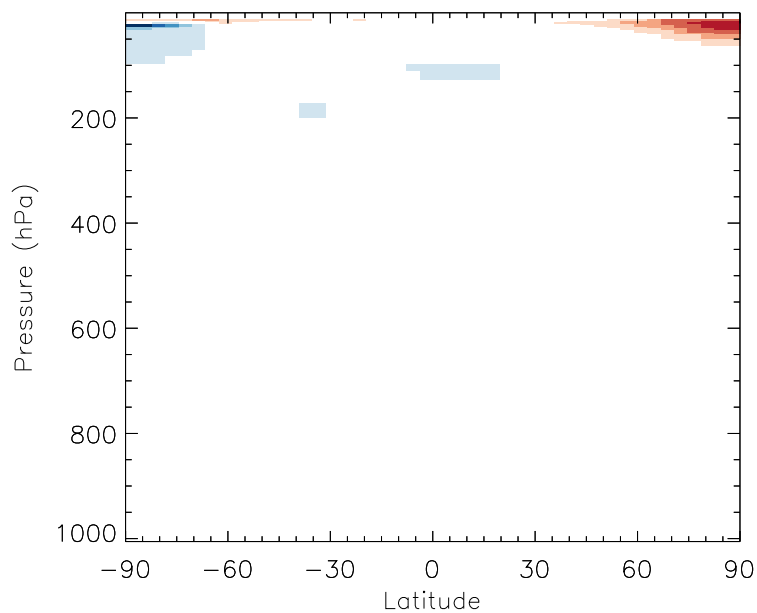
v11-01g-Run0 - v11-01d-Run1

HOCl - Zonal mean abs diff for Jul



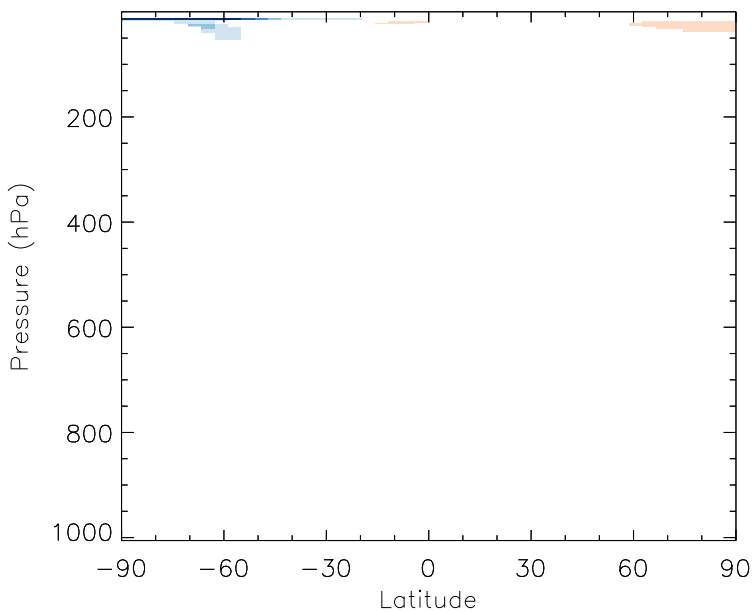
v11-01g-Run0 / v11-01d-Run1

HOCl - Zonal mean % diff for Jul

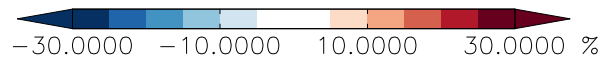
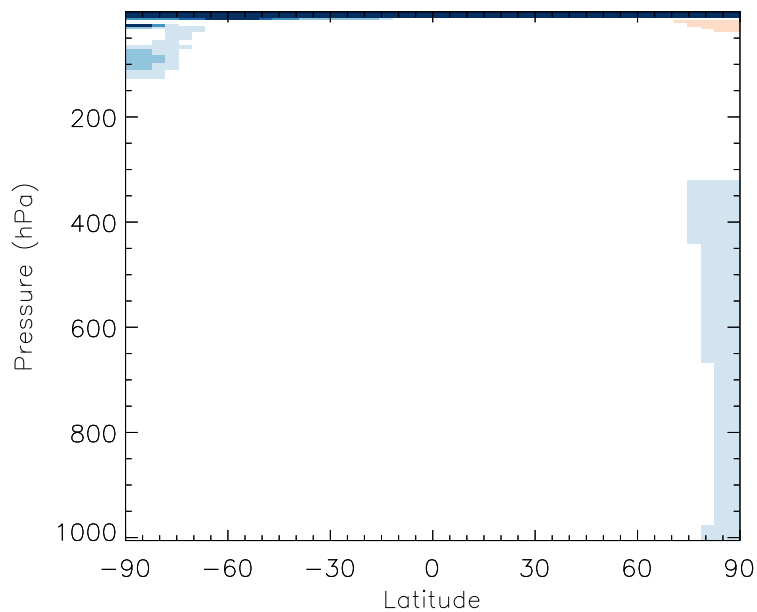


GEOS-Chem Zonal Difference Maps

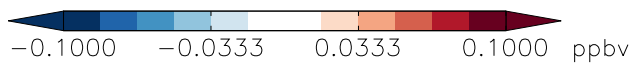
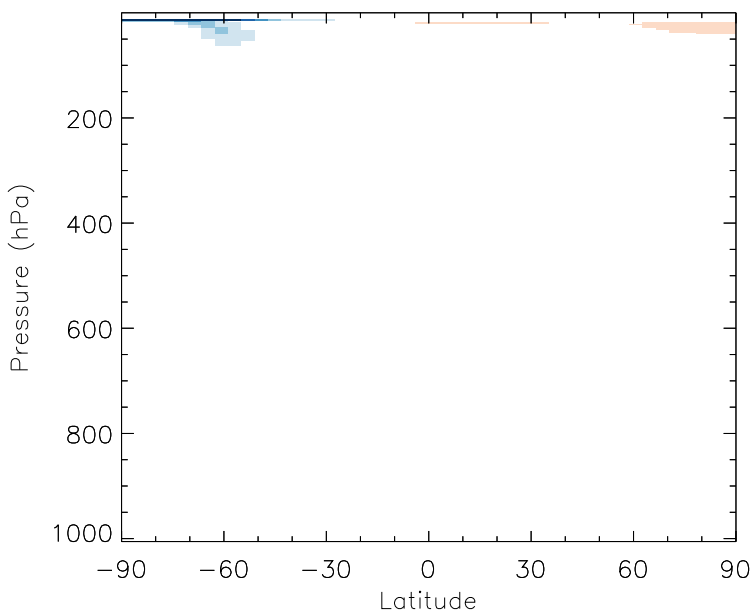
v11-01g-Run0 - v11-01f-geosfp-Run0
CIN03 - Zonal mean abs diff for Jul



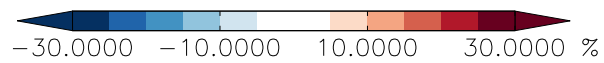
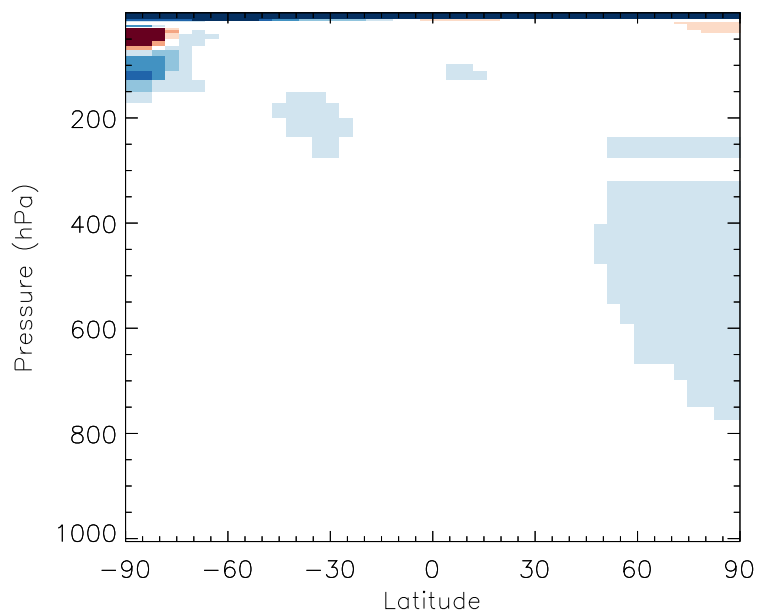
v11-01g-Run0 / v11-01f-geosfp-Run0
CIN03 - Zonal mean % diff for Jul



v11-01g-Run0 - v11-01d-Run1
CIN03 - Zonal mean abs diff for Jul



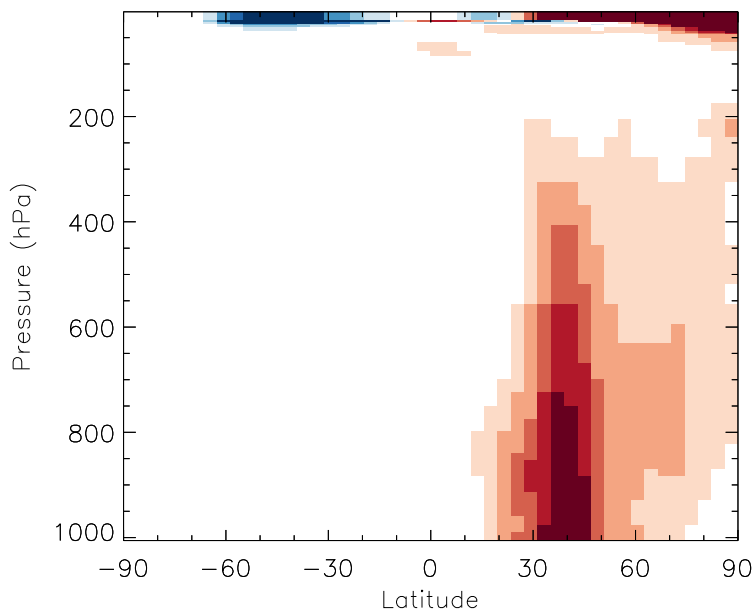
v11-01g-Run0 / v11-01d-Run1
CIN03 - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

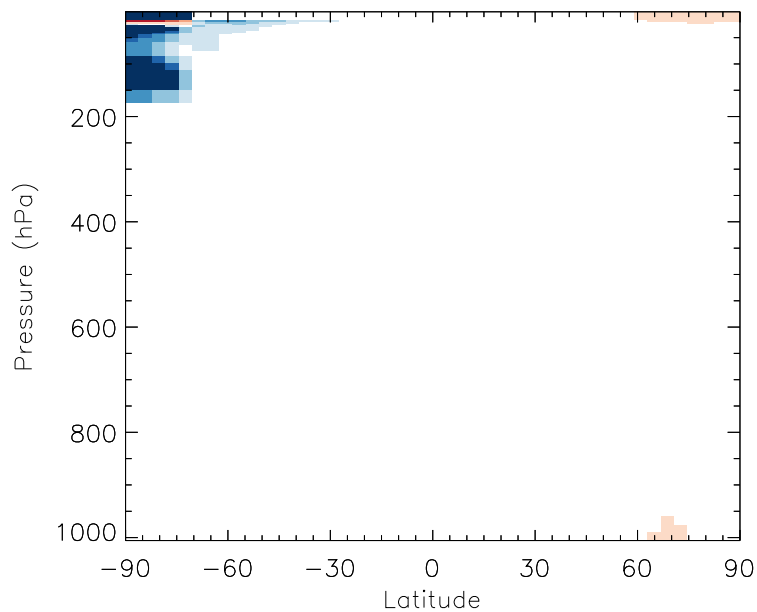
v11-01g-Run0 - v11-01f-geosfp-Run0

OH - Zonal mean abs diff for Jul



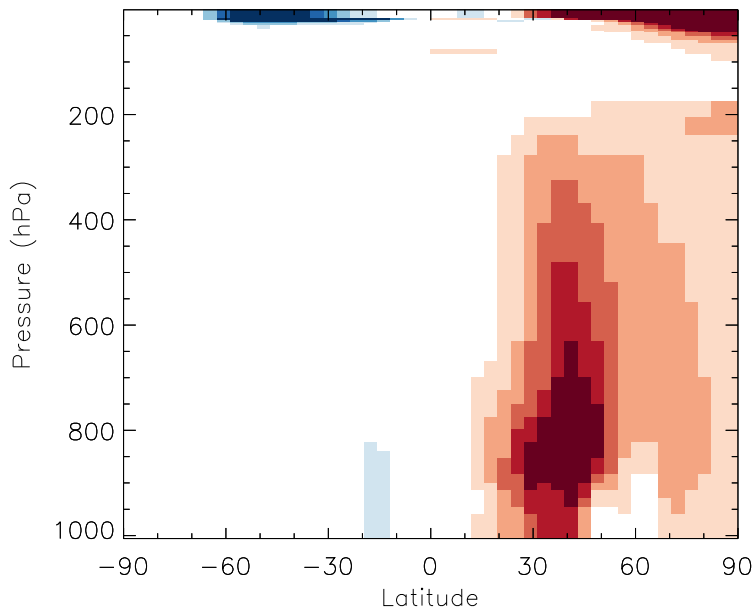
v11-01g-Run0 / v11-01f-geosfp-Run0

OH - Zonal mean % diff for Jul



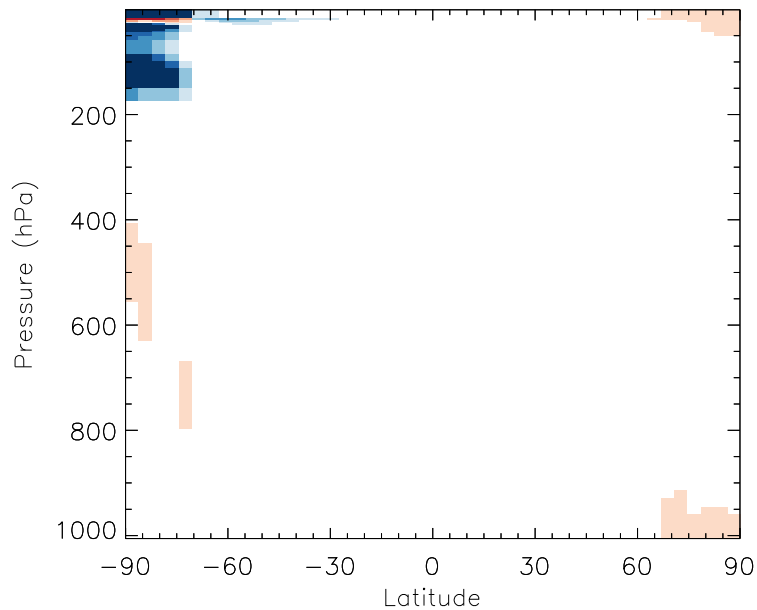
v11-01g-Run0 - v11-01d-Run1

OH - Zonal mean abs diff for Jul



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

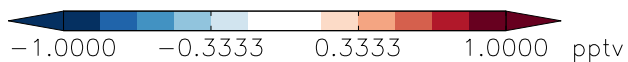
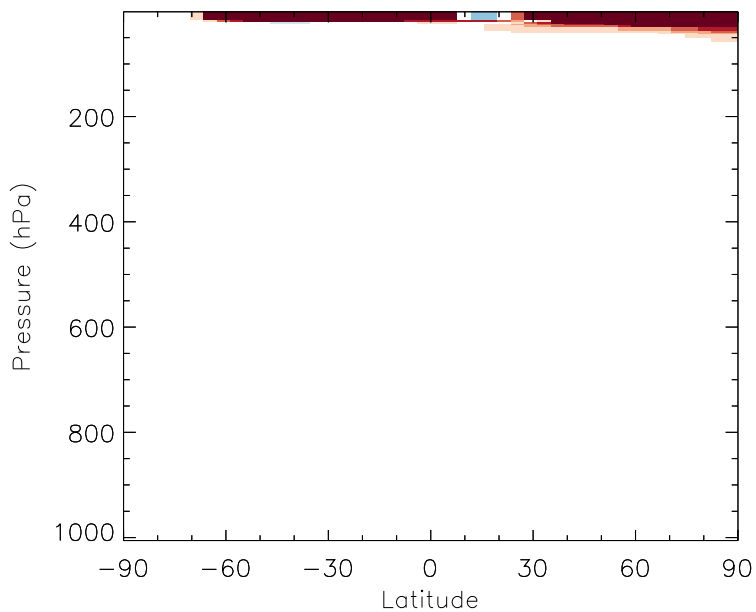
OH - Zonal mean % diff for Jul



GEOS-Chem Zonal Difference Maps

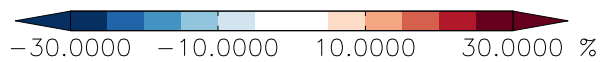
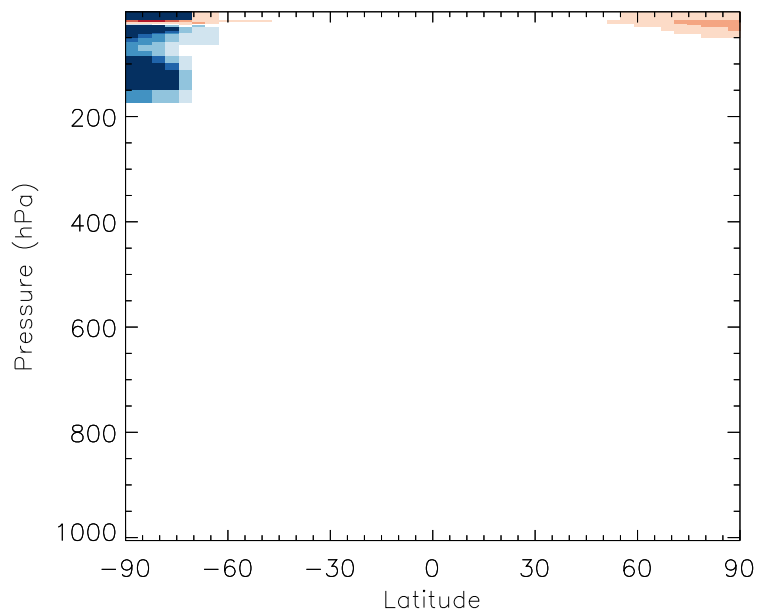
v11-01g-Run0 - v11-01f-geosfp-Run0

H₂O - Zonal mean abs diff for Jul



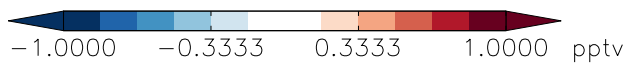
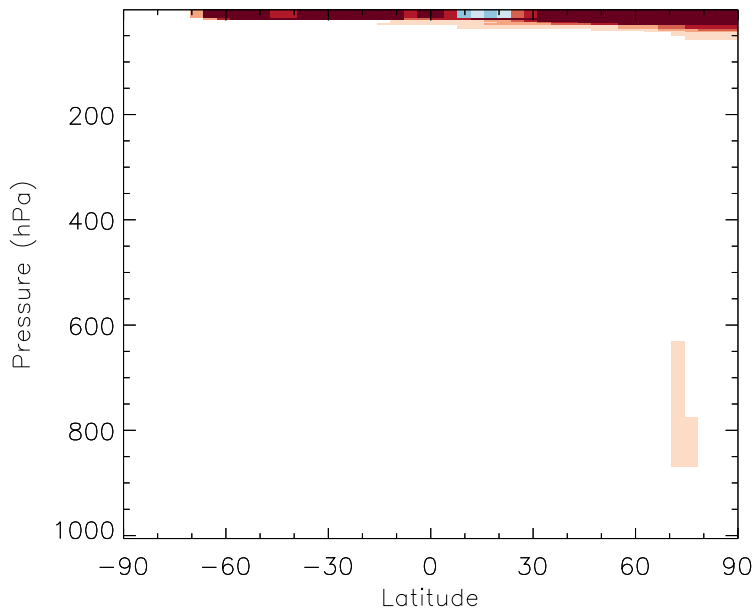
v11-01g-Run0 / v11-01f-geosfp-Run0

H₂O - Zonal mean % diff for Jul



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

H₂O - Zonal mean abs diff for Jul



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

H₂O - Zonal mean % diff for Jul

