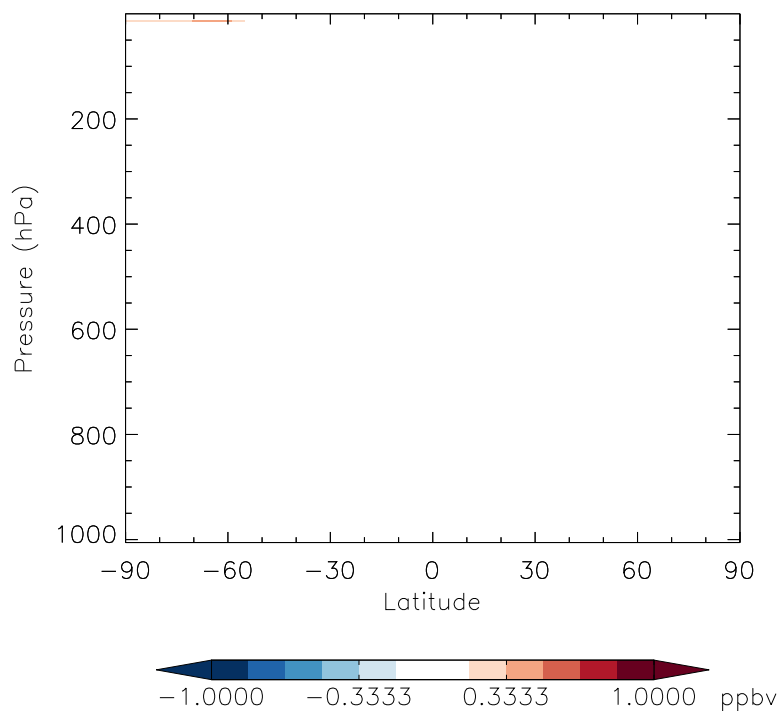


GEOS-Chem Zonal Difference Maps

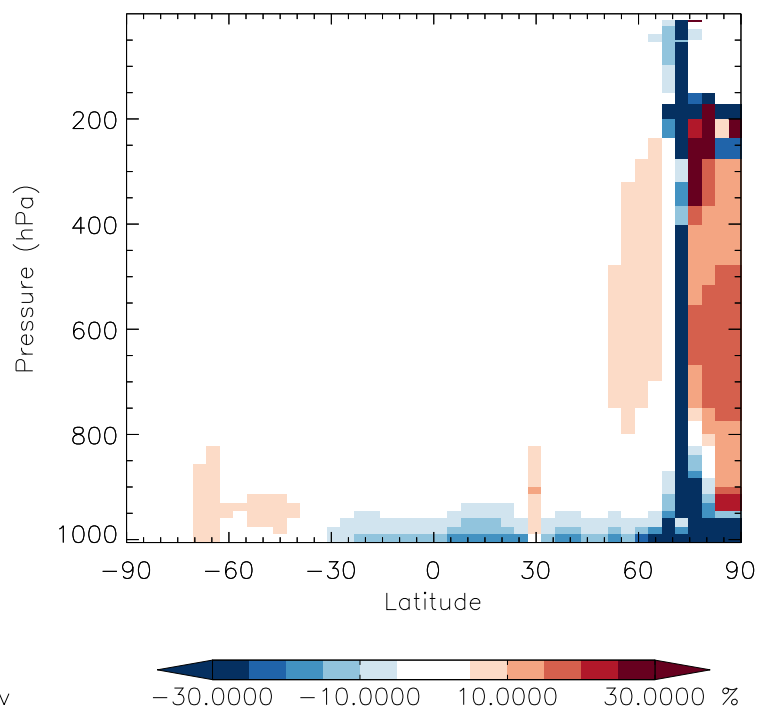
v11-01f-geosfp-Run0 - v11-01d-Run1

NO - Zonal mean abs diff for Jan



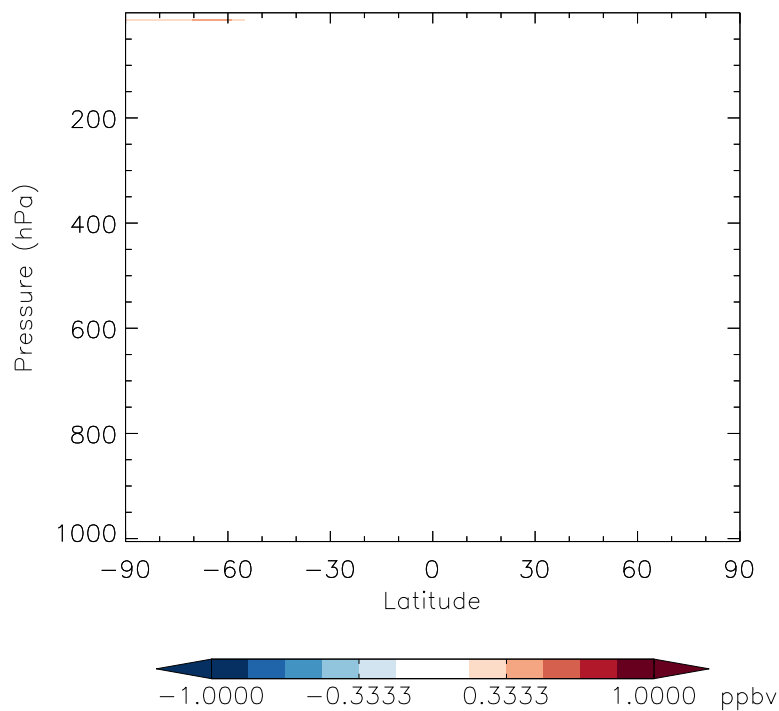
v11-01f-geosfp-Run0 / v11-01d-Run1

NO - Zonal mean % diff for Jan



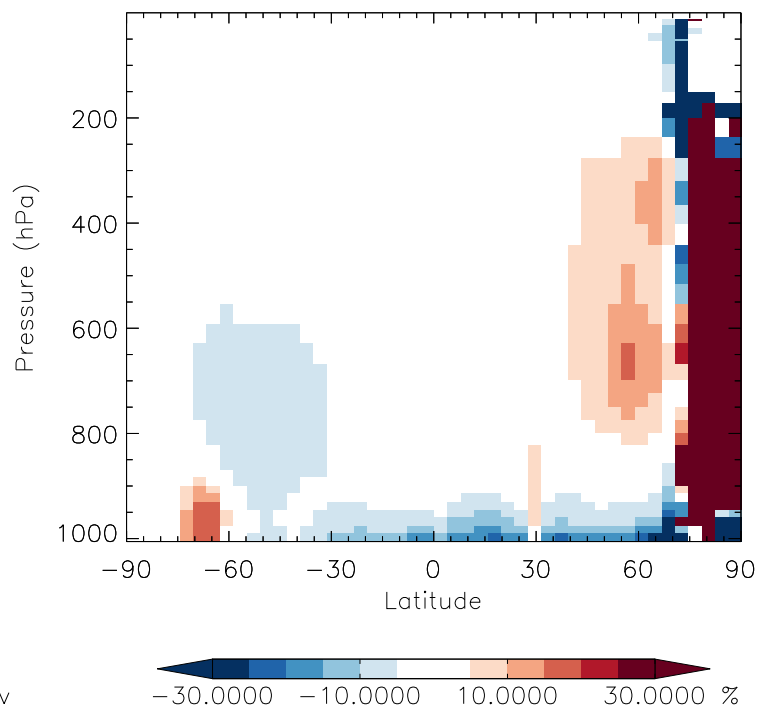
v11-01f-geosfp-Run0 - v11-01b-Run0

NO - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

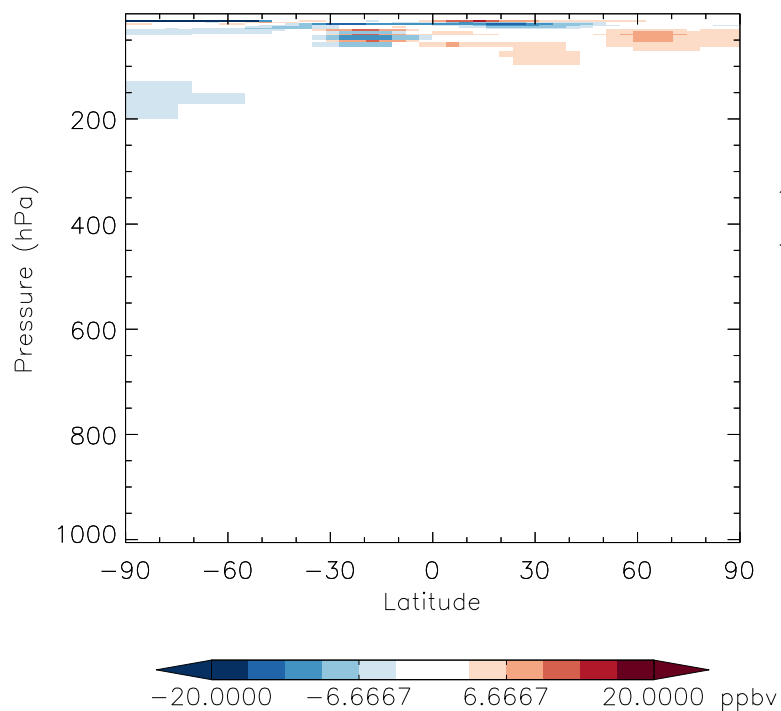
NO - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

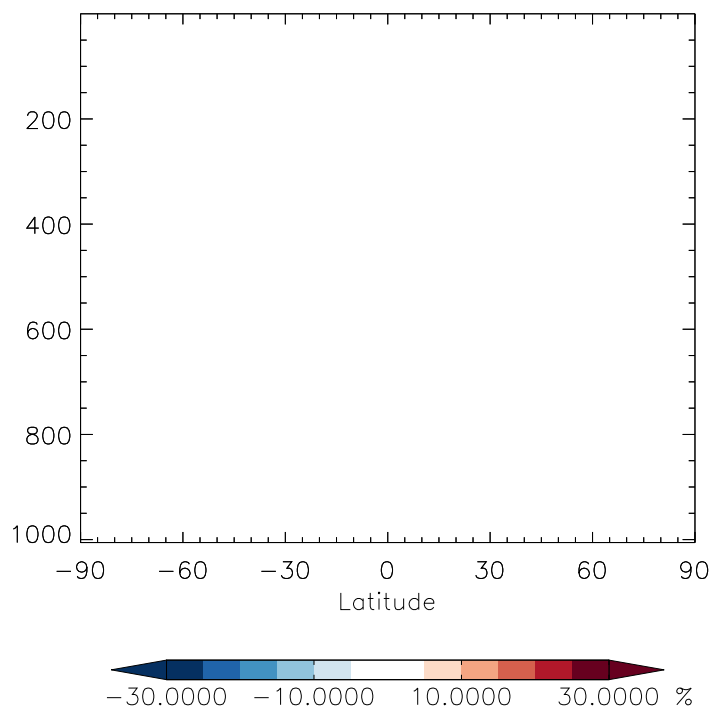
v11-01f-geosfp-Run0 - v11-01d-Run1

O3 - Zonal mean abs diff for Jan



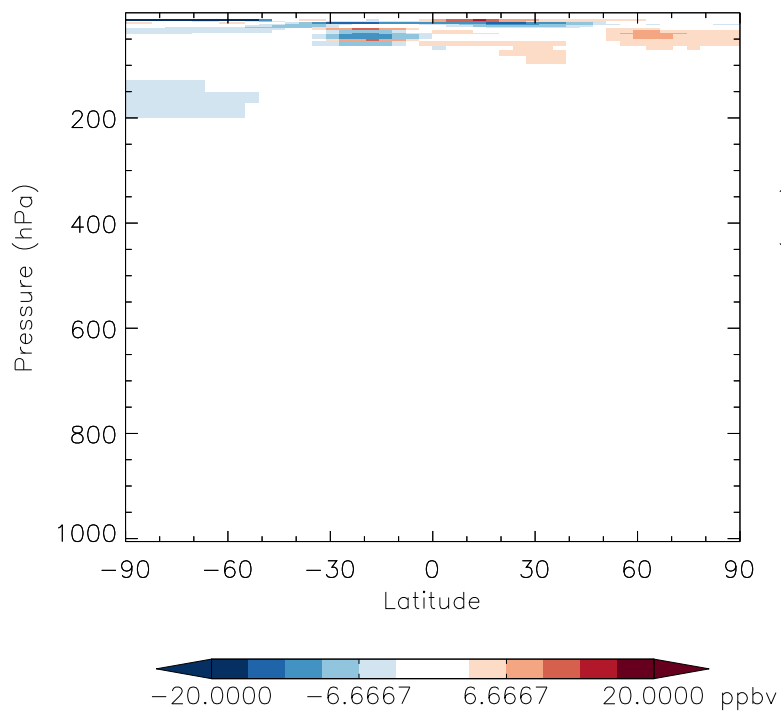
v11-01f-geosfp-Run0 / v11-01d-Run1

O3 - Zonal mean % diff for Jan



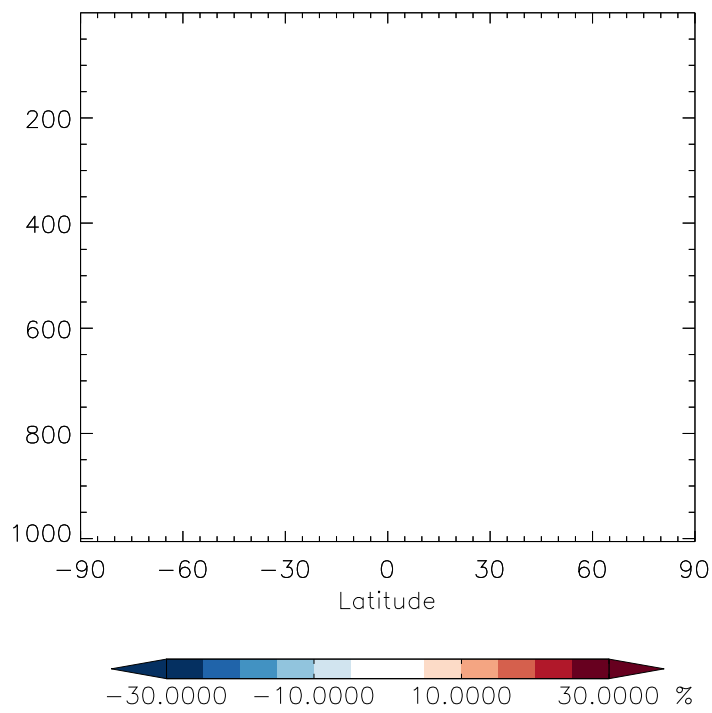
v11-01f-geosfp-Run0 - v11-01b-Run0

O3 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

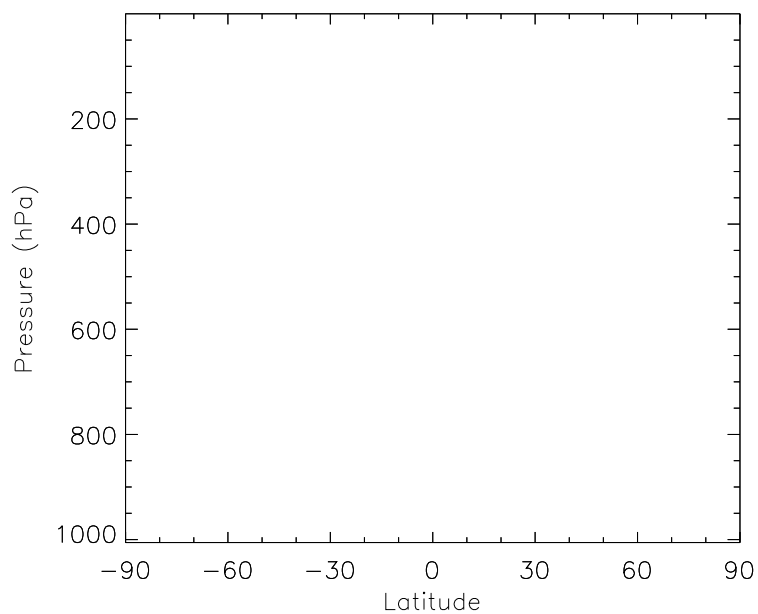
O3 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

v11-01f-geosfp-Run0 - v11-01d-Run1

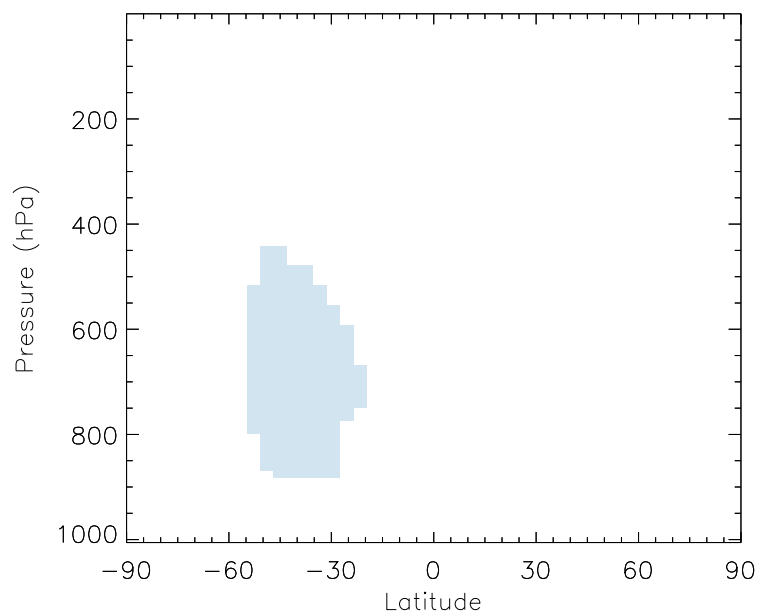
PAN - Zonal mean abs diff for Jan



-0.1000 -0.0333 0.0333 0.1000 ppbv

v11-01f-geosfp-Run0 / v11-01d-Run1

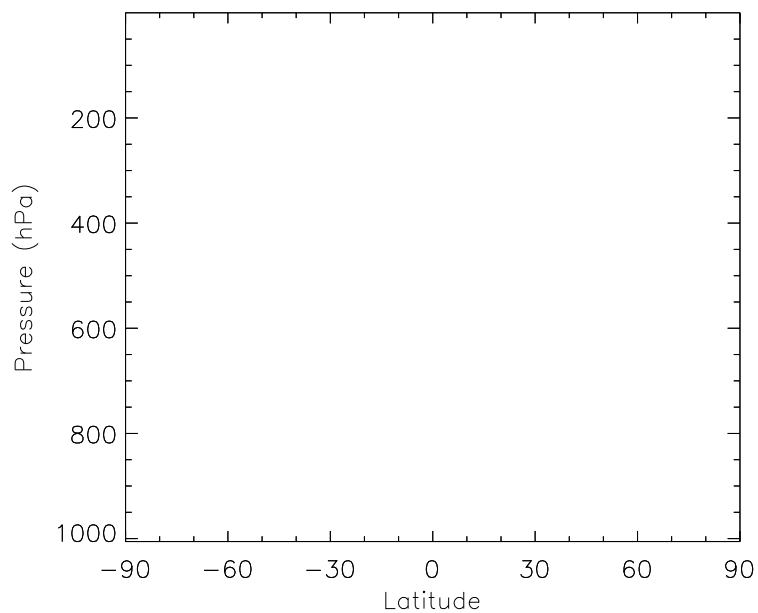
PAN - Zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

v11-01f-geosfp-Run0 - v11-01b-Run0

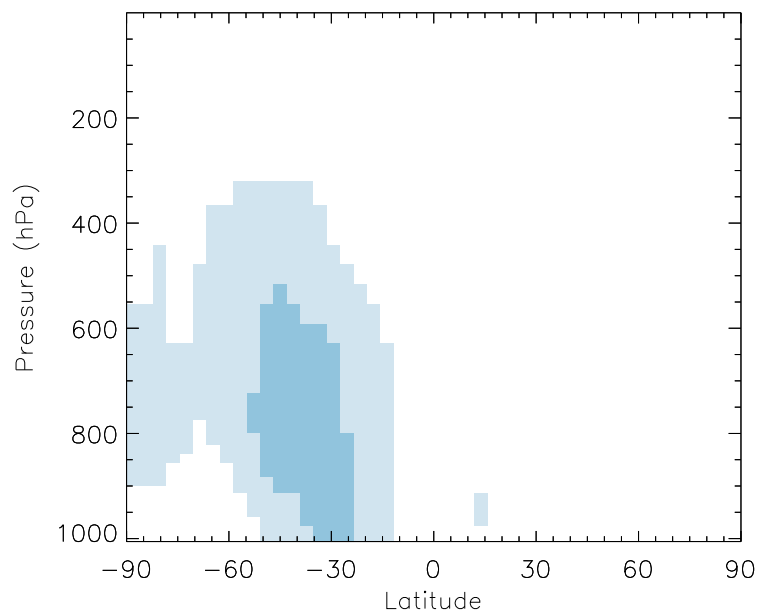
PAN - Zonal mean abs diff for Jan



-0.1000 -0.0333 0.0333 0.1000 ppbv

v11-01f-geosfp-Run0 / v11-01b-Run0

PAN - Zonal mean % diff for Jan

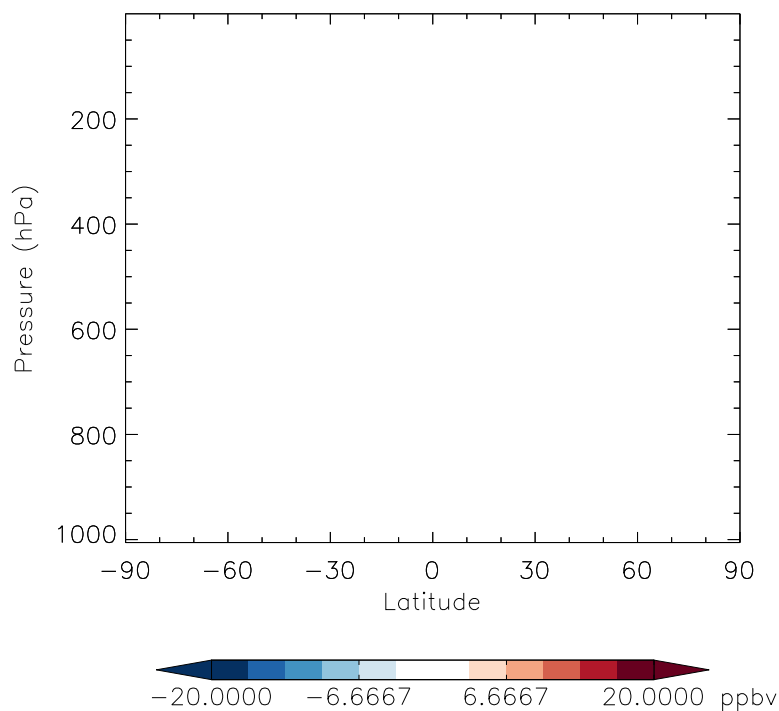


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

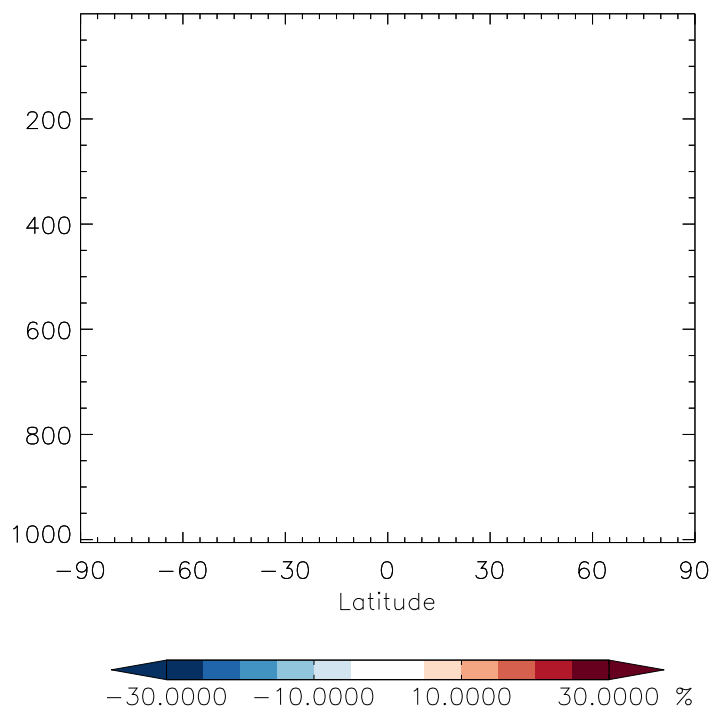
v11-01f-geosfp-Run0 - v11-01d-Run1

CO - Zonal mean abs diff for Jan



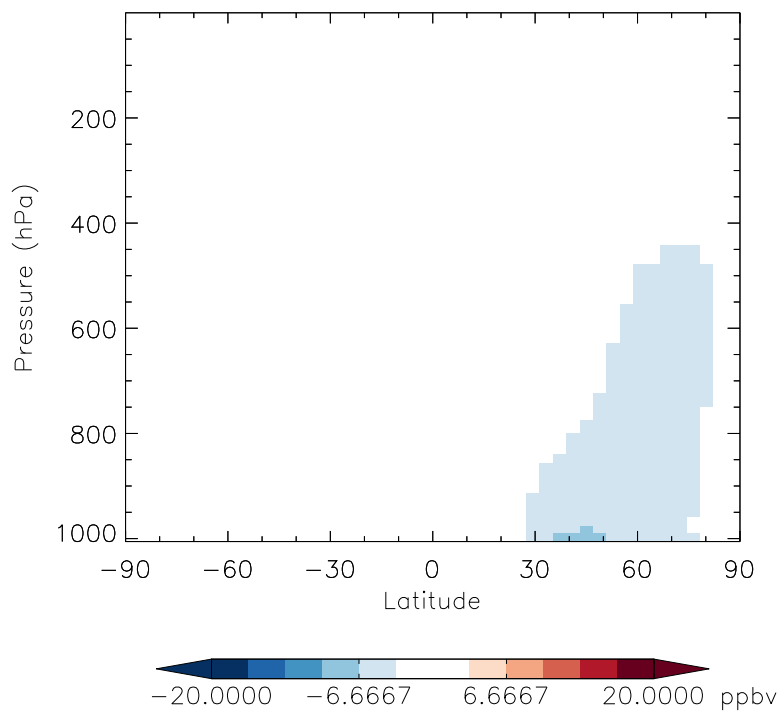
v11-01f-geosfp-Run0 / v11-01d-Run1

CO - Zonal mean % diff for Jan



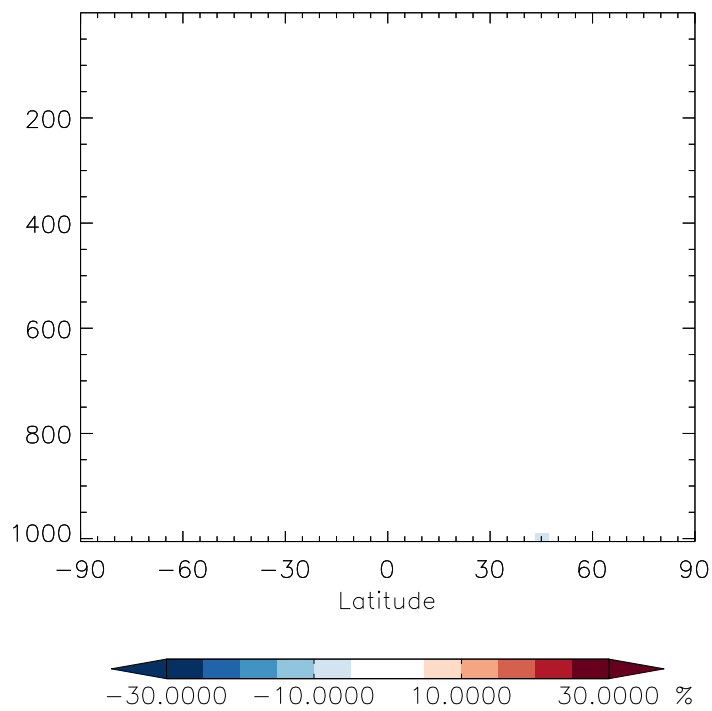
v11-01f-geosfp-Run0 - v11-01b-Run0

CO - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

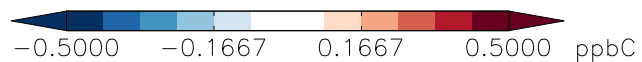
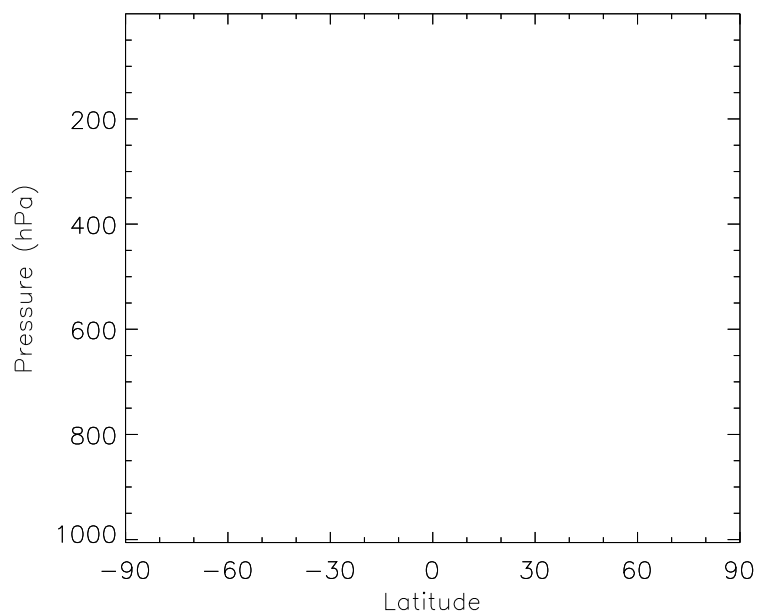
CO - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

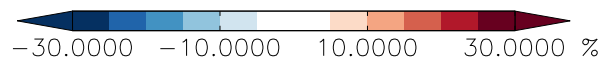
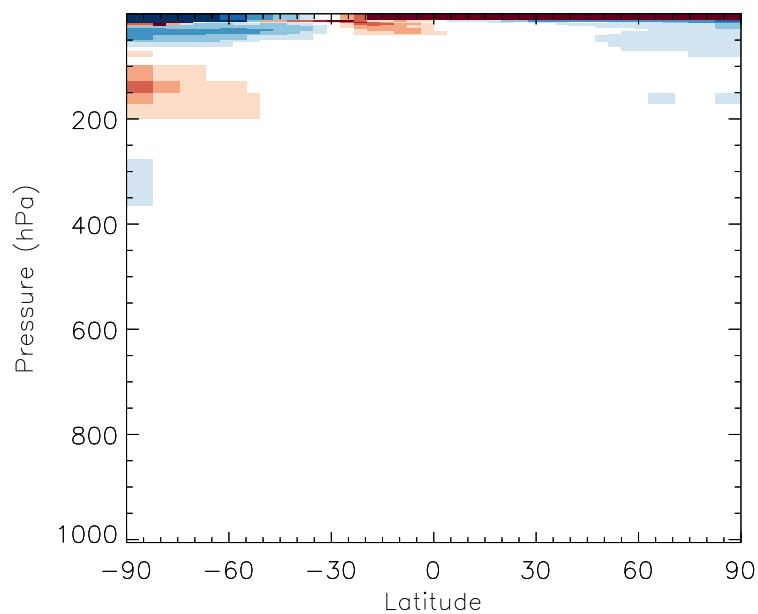
v11-01f-geosfp-Run0 - v11-01d-Run1

ALK4 - Zonal mean abs diff for Jan



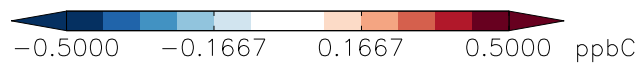
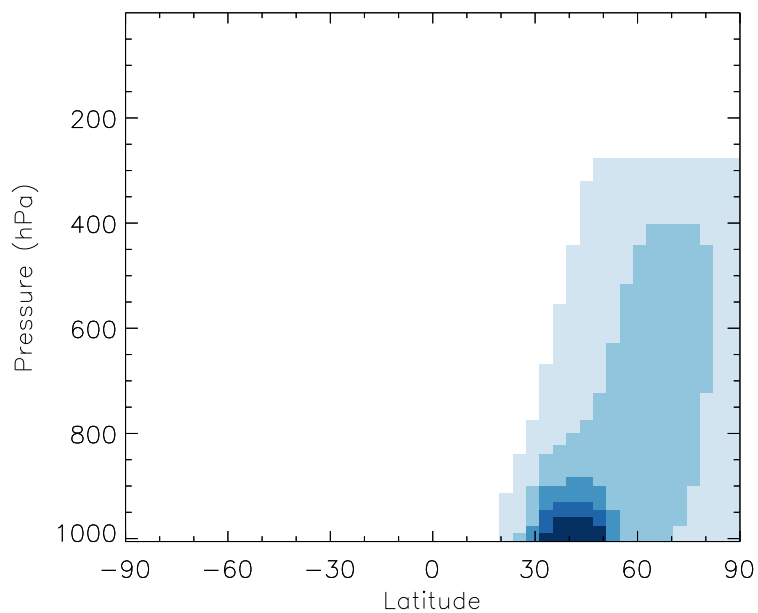
v11-01f-geosfp-Run0 / v11-01d-Run1

ALK4 - Zonal mean % diff for Jan



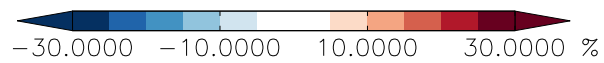
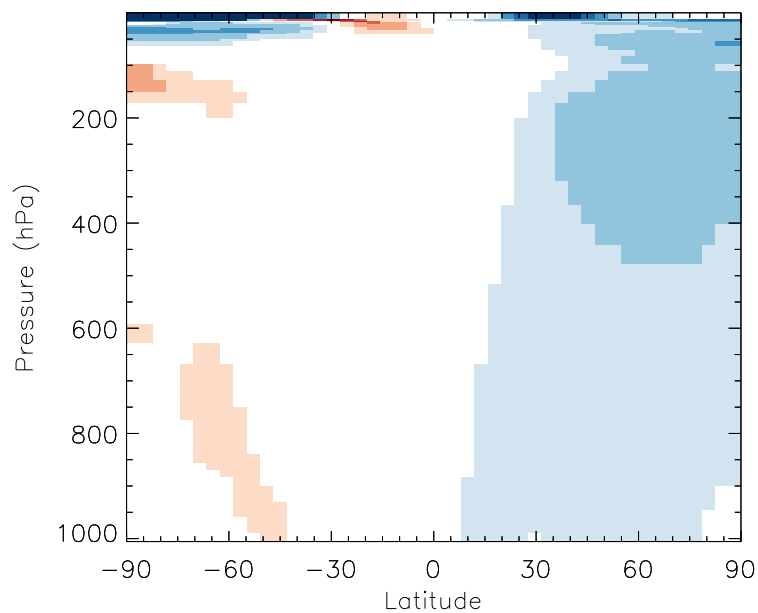
v11-01f-geosfp-Run0 - v11-01b-Run0

ALK4 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

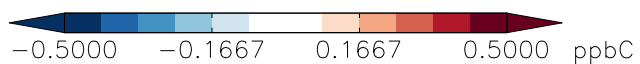
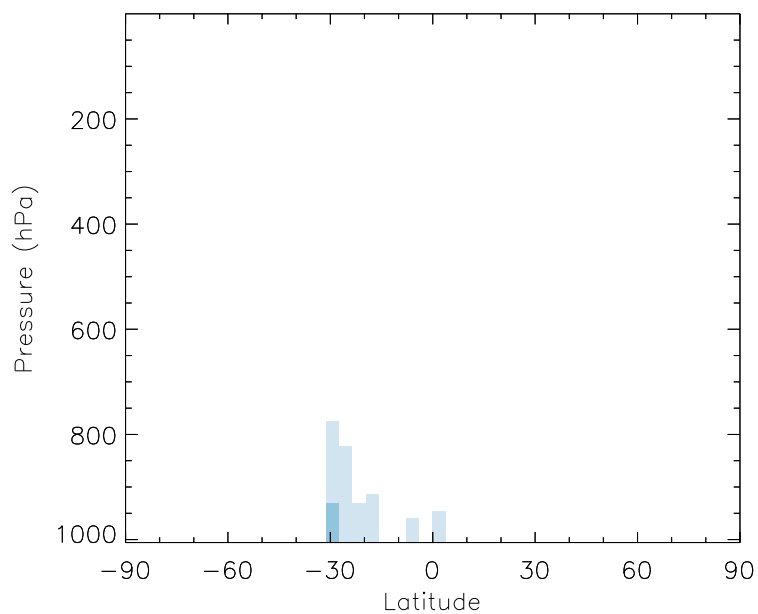
ALK4 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

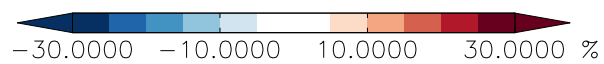
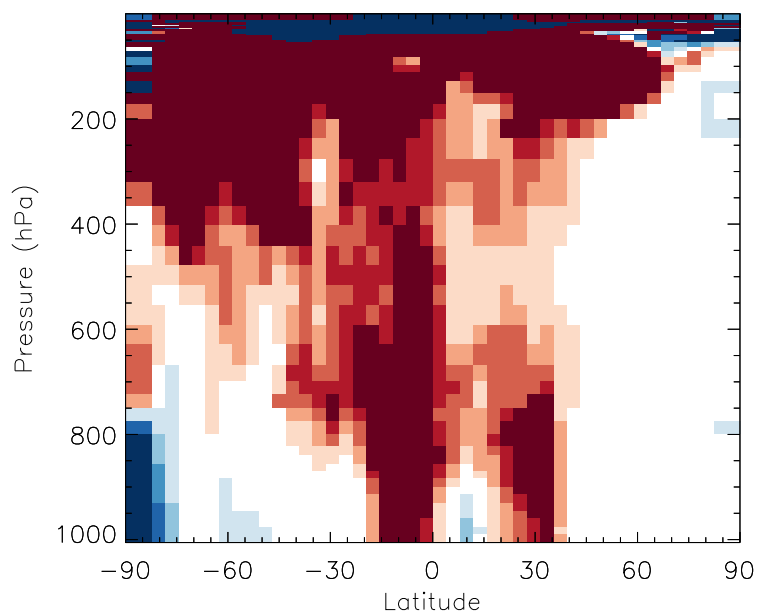
v11-01f-geosfp-Run0 - v11-01d-Run1

ISOP - Zonal mean abs diff for Jan



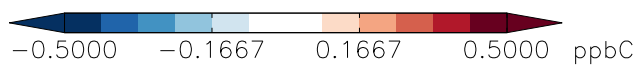
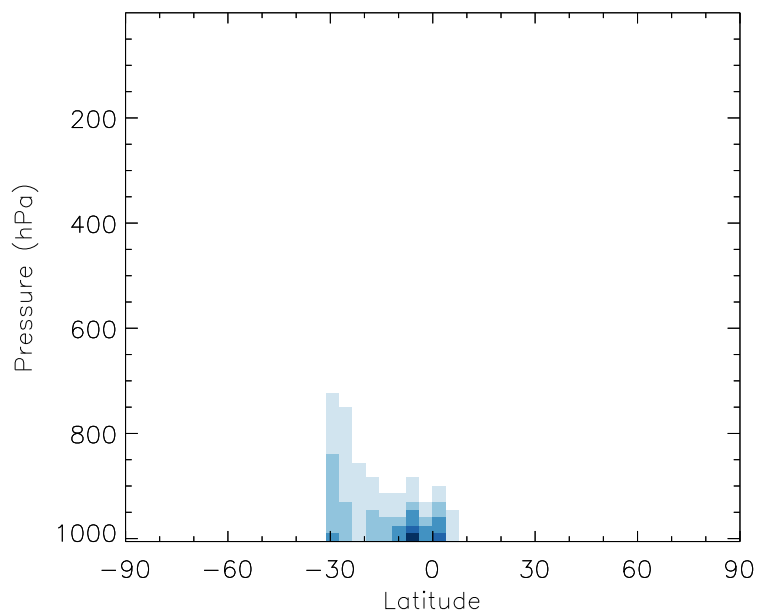
v11-01f-geosfp-Run0 / v11-01d-Run1

ISOP - Zonal mean % diff for Jan



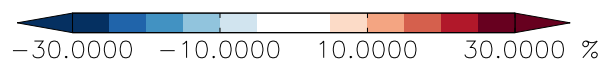
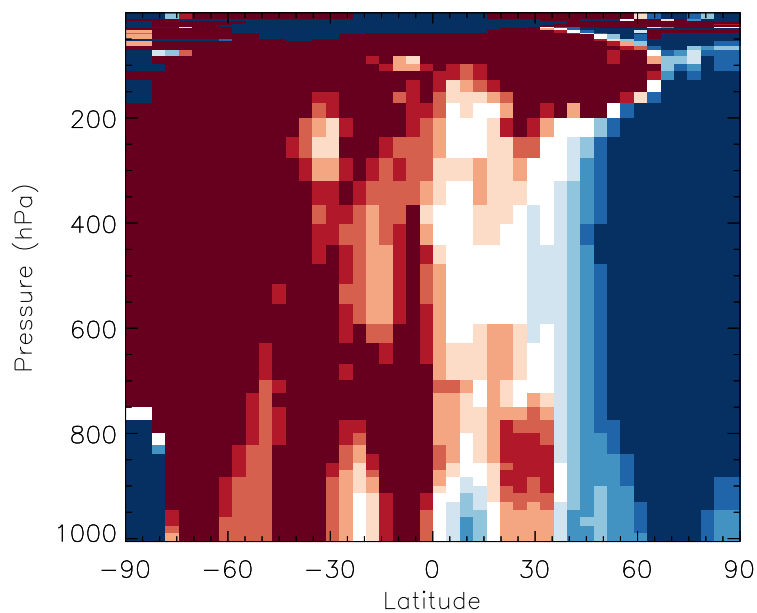
v11-01f-geosfp-Run0 - v11-01b-Run0

ISOP - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

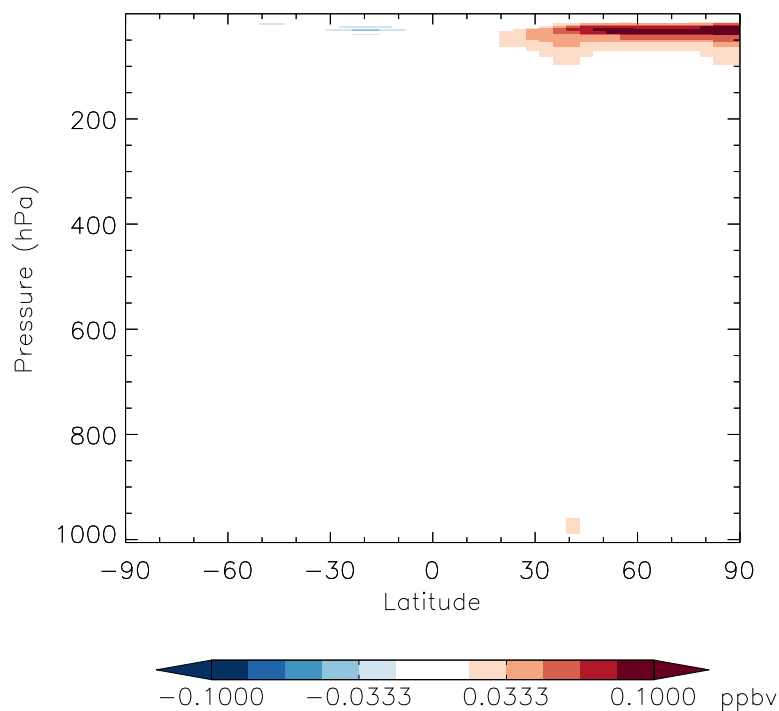
ISOP - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

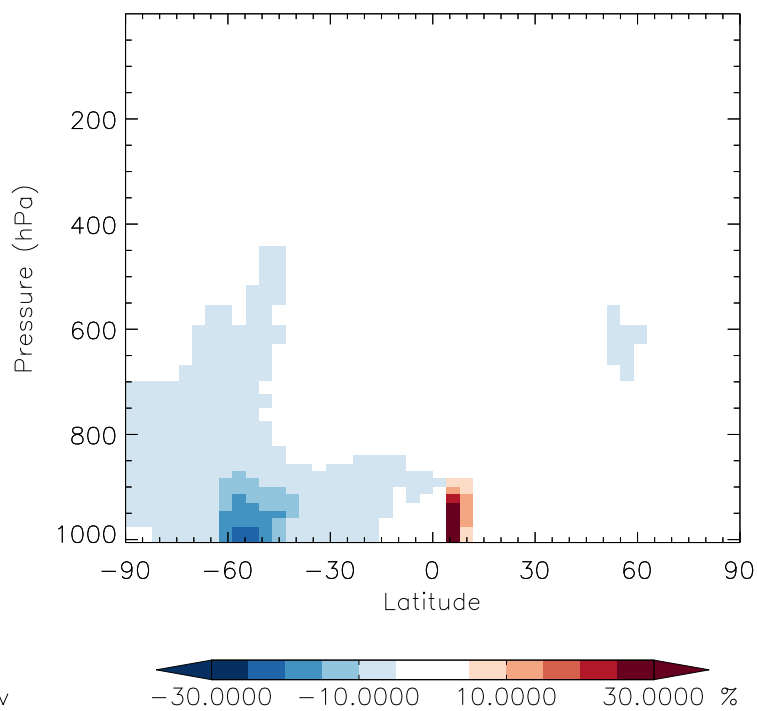
v11-01f-geosfp-Run0 - v11-01d-Run1

HNO₃ - Zonal mean abs diff for Jan



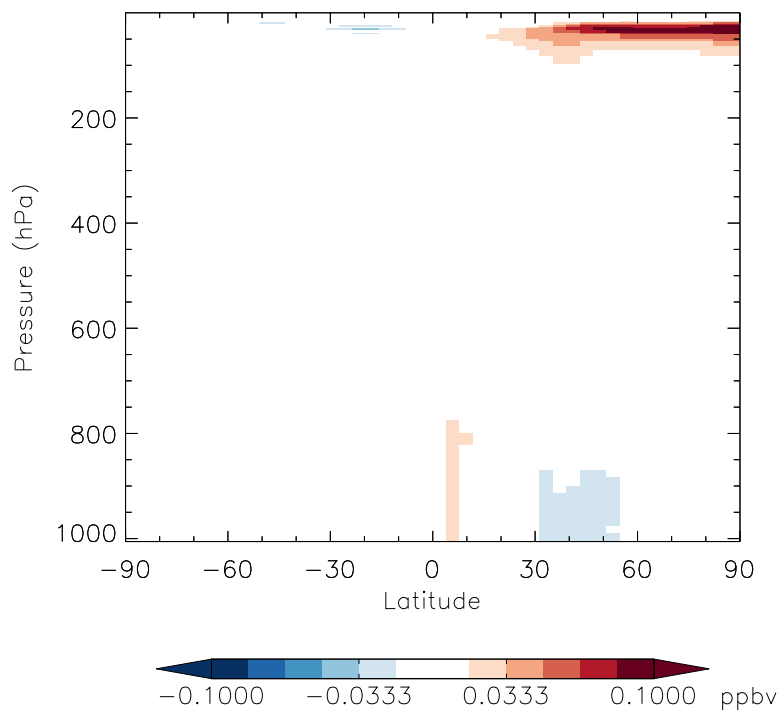
v11-01f-geosfp-Run0 / v11-01d-Run1

HNO₃ - Zonal mean % diff for Jan



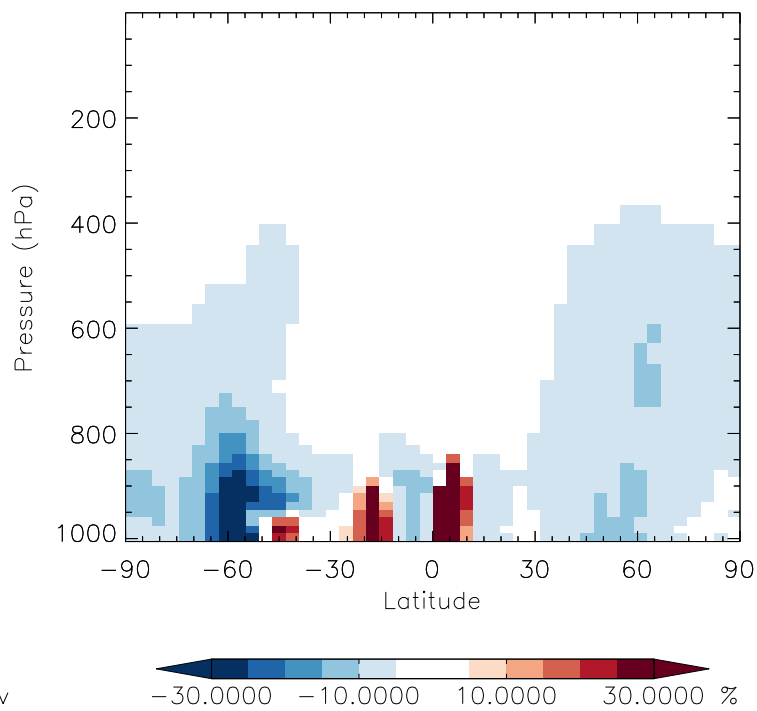
v11-01f-geosfp-Run0 - v11-01b-Run0

HNO₃ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

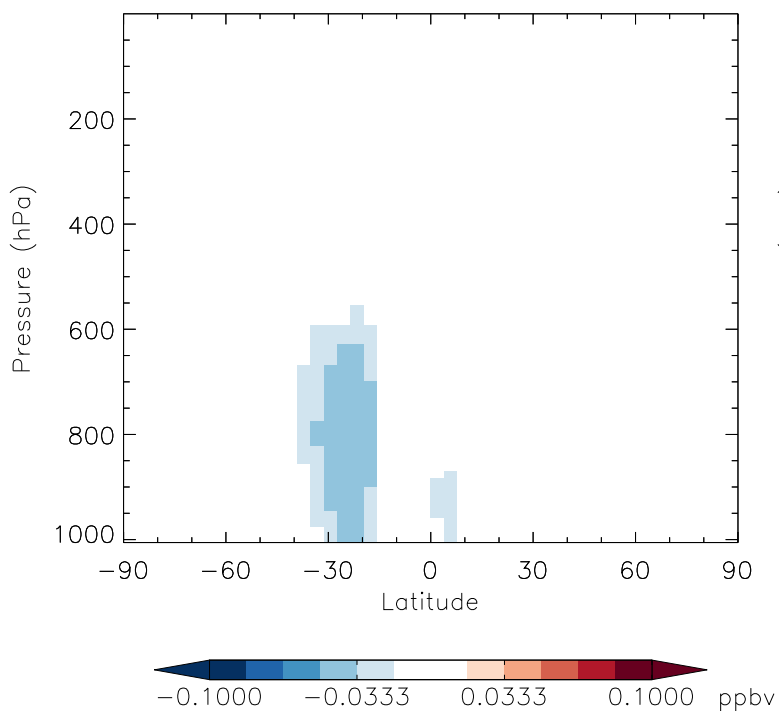
HNO₃ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

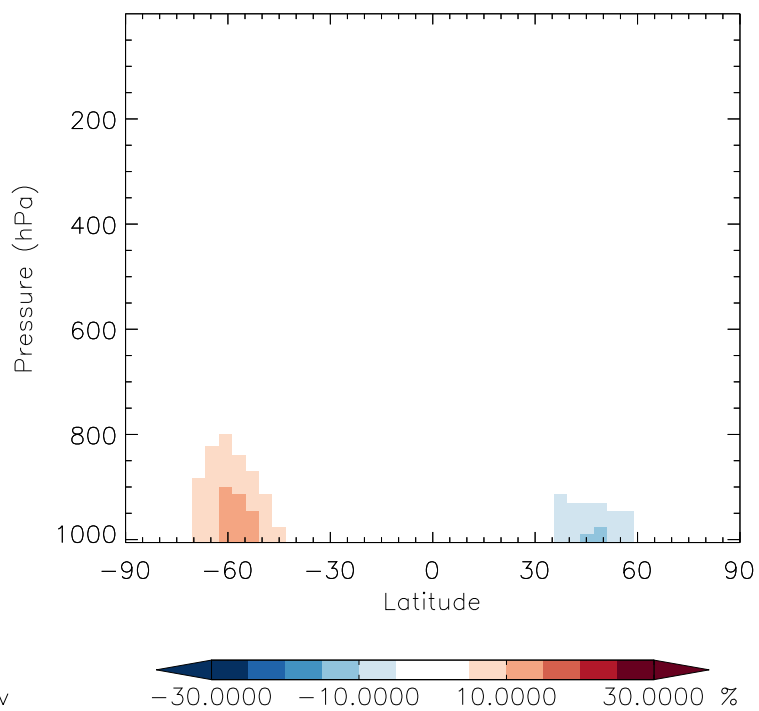
v11-01f-geosfp-Run0 - v11-01d-Run1

H2O2 - Zonal mean abs diff for Jan



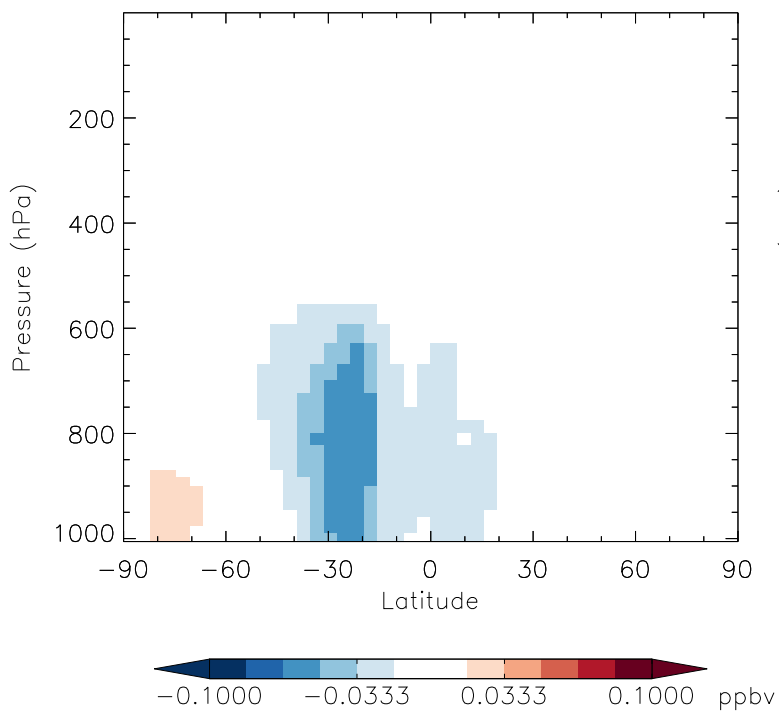
v11-01f-geosfp-Run0 / v11-01d-Run1

H2O2 - Zonal mean % diff for Jan



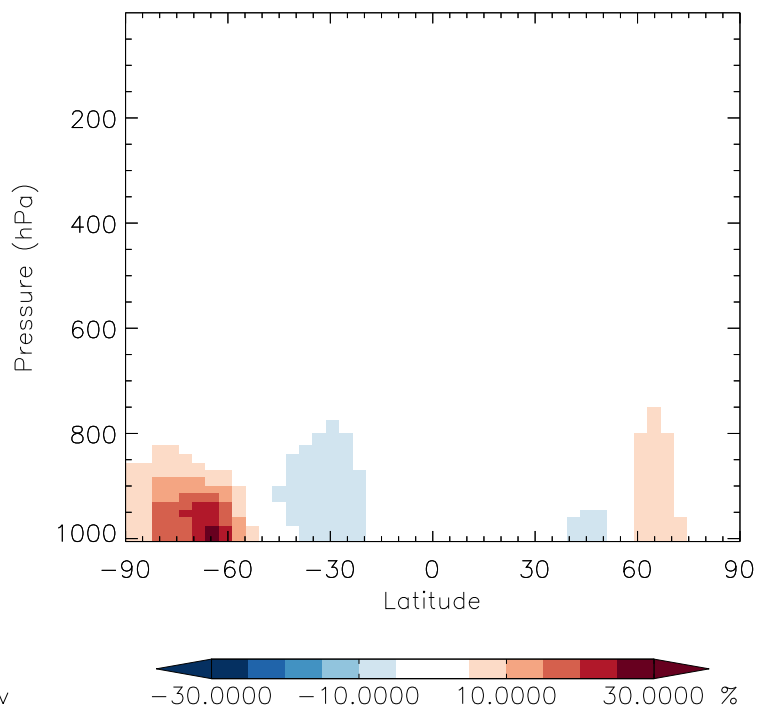
v11-01f-geosfp-Run0 - v11-01b-Run0

H2O2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

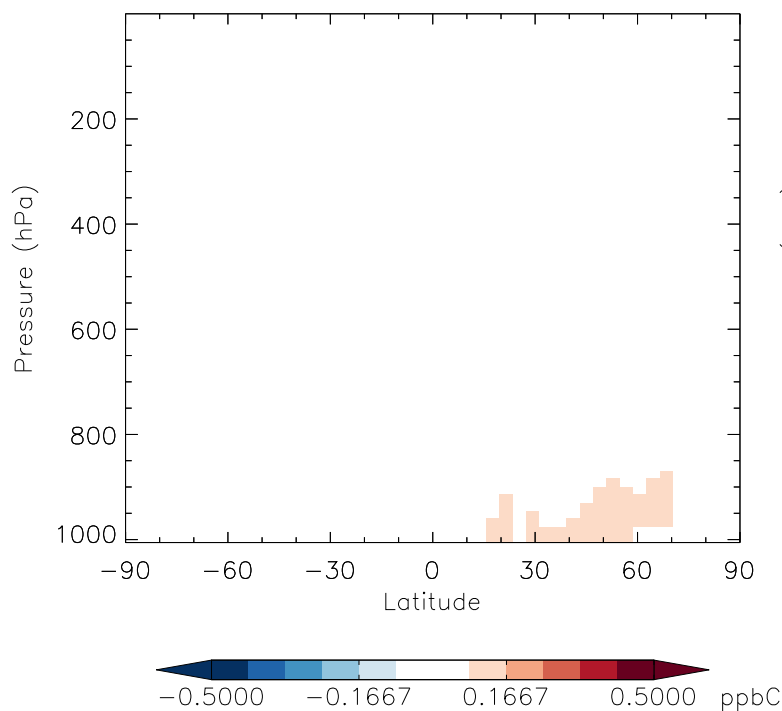
H2O2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

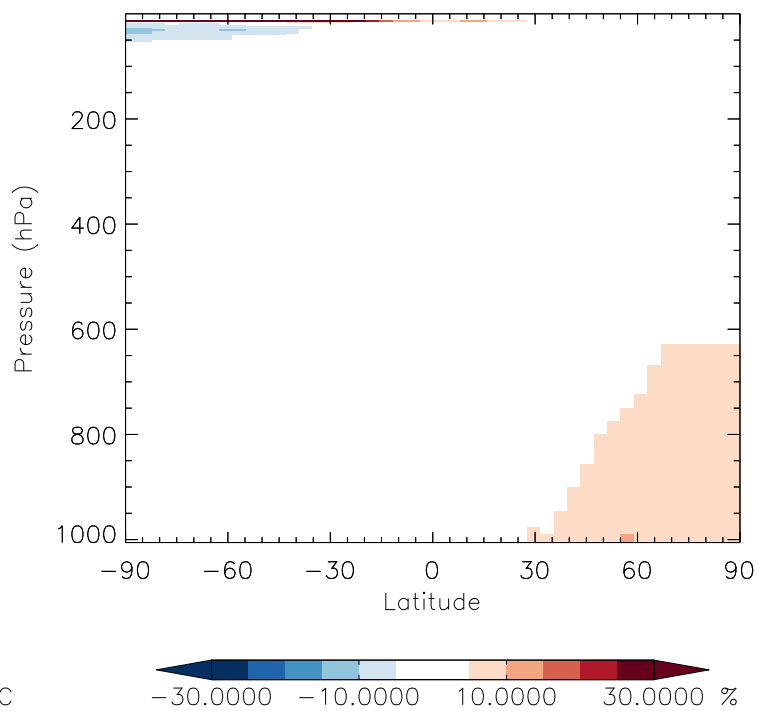
v11-01f-geosfp-Run0 - v11-01d-Run1

ACET - Zonal mean abs diff for Jan



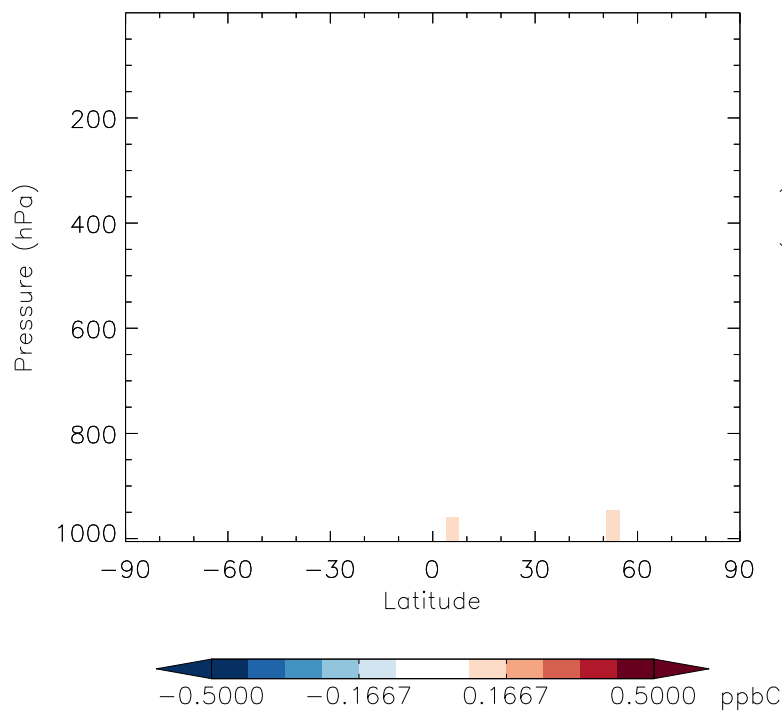
v11-01f-geosfp-Run0 / v11-01d-Run1

ACET - Zonal mean % diff for Jan



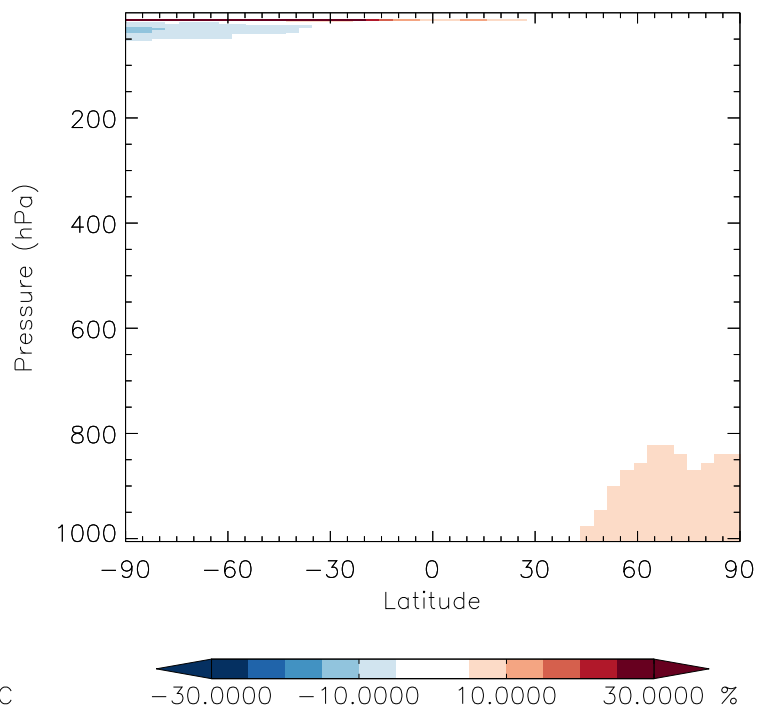
v11-01f-geosfp-Run0 - v11-01b-Run0

ACET - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

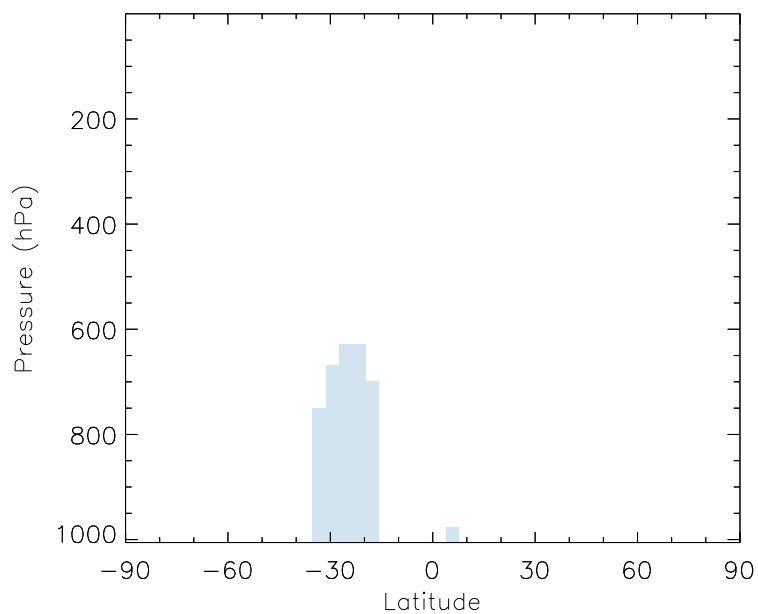
ACET - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

v11-01f-geosfp-Run0 - v11-01d-Run1

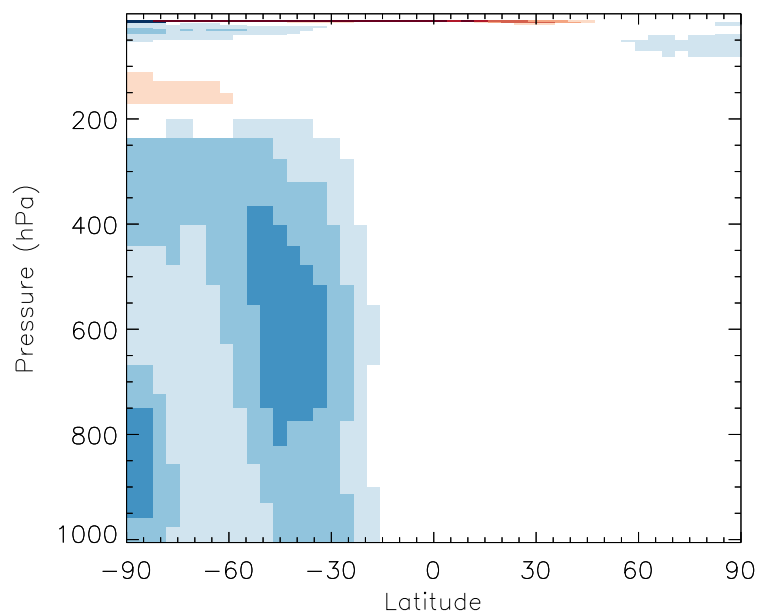
MEK - Zonal mean abs diff for Jan



-0.1000 -0.0333 0.0333 0.1000 ppbC

v11-01f-geosfp-Run0 / v11-01d-Run1

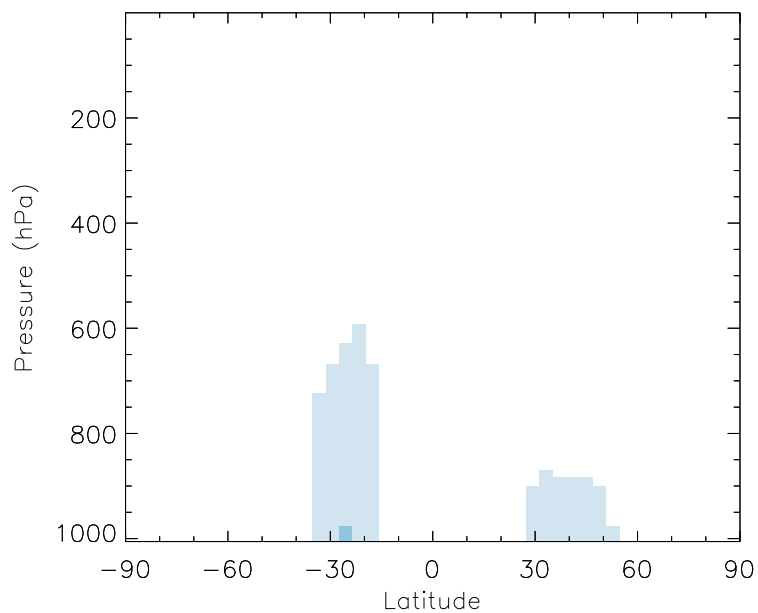
MEK - Zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

v11-01f-geosfp-Run0 - v11-01b-Run0

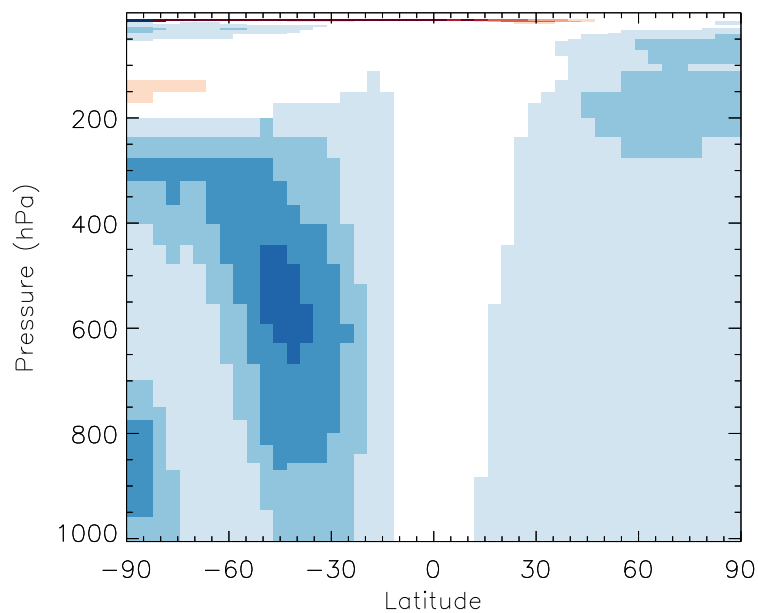
MEK - Zonal mean abs diff for Jan



-0.1000 -0.0333 0.0333 0.1000 ppbC

v11-01f-geosfp-Run0 / v11-01b-Run0

MEK - Zonal mean % diff for Jan

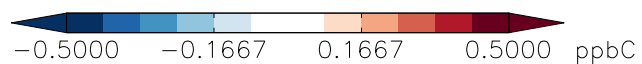
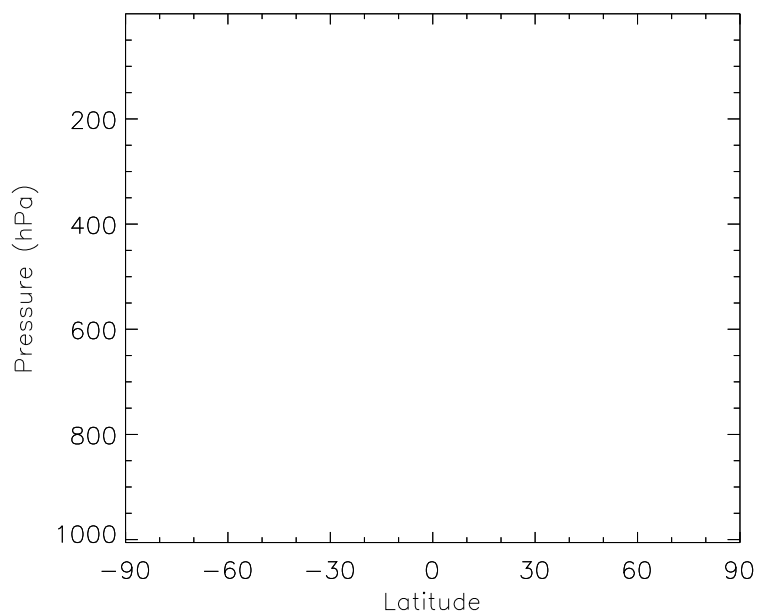


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

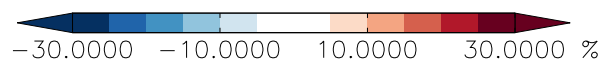
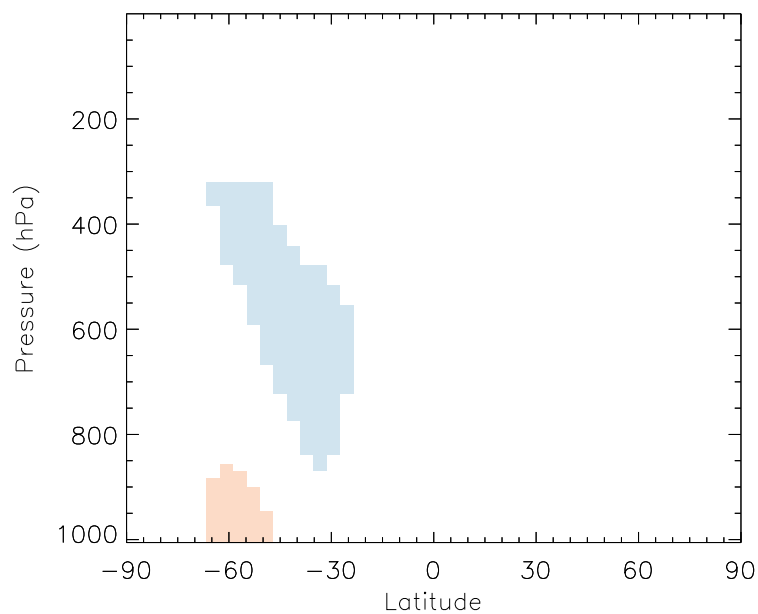
v11-01f-geosfp-Run0 - v11-01d-Run1

ALD2 - Zonal mean abs diff for Jan



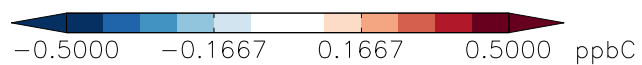
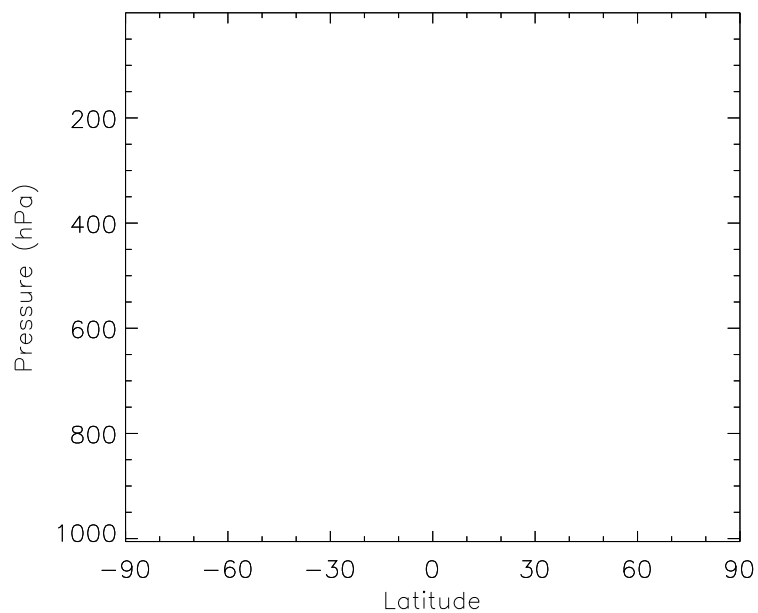
v11-01f-geosfp-Run0 / v11-01d-Run1

ALD2 - Zonal mean % diff for Jan



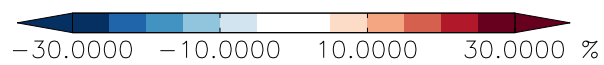
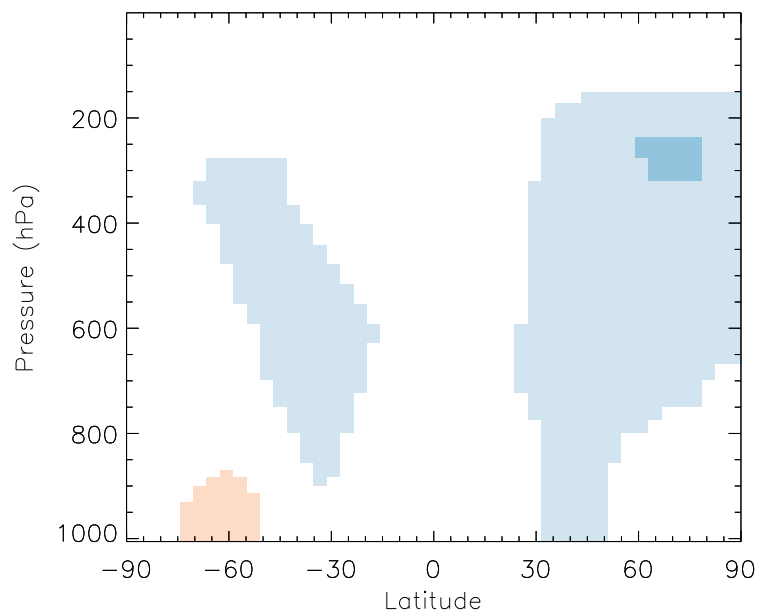
v11-01f-geosfp-Run0 - v11-01b-Run0

ALD2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

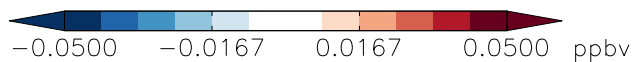
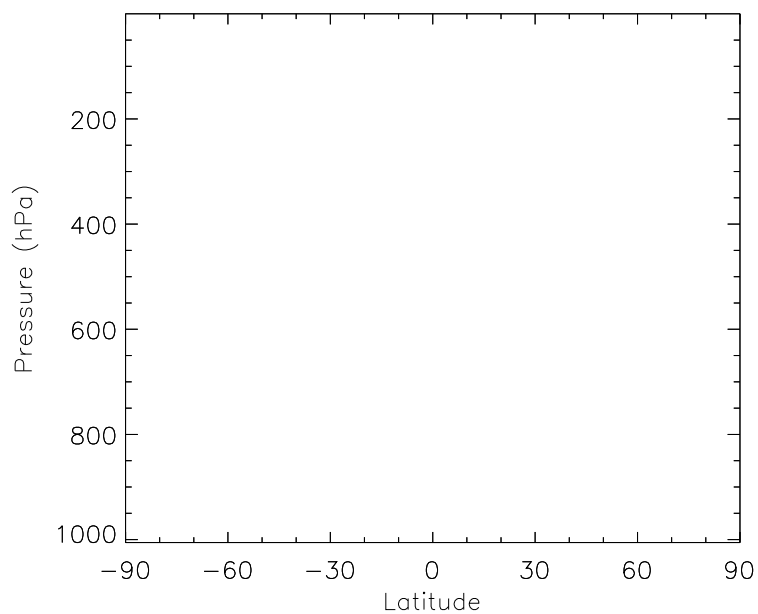
ALD2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

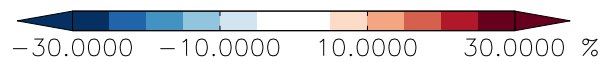
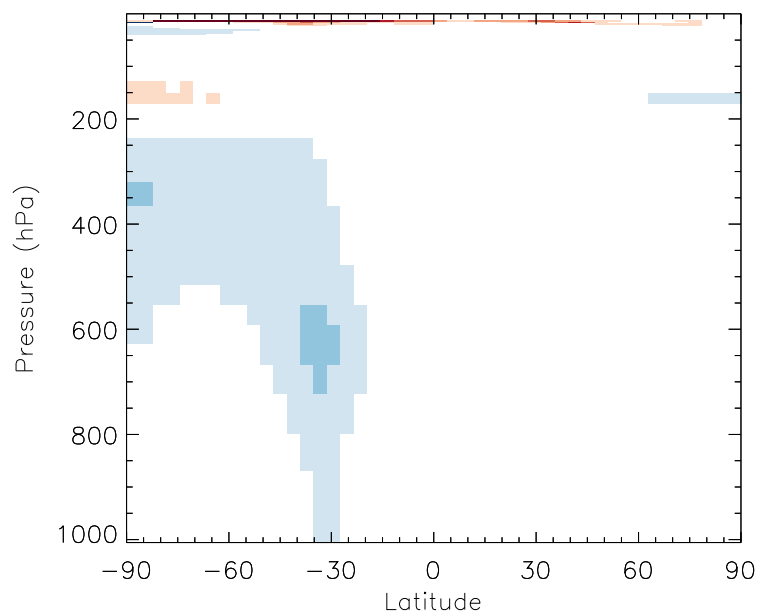
v11-01f-geosfp-Run0 - v11-01d-Run1

RCHO - Zonal mean abs diff for Jan



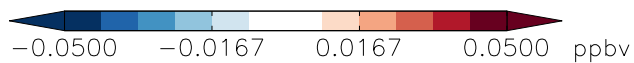
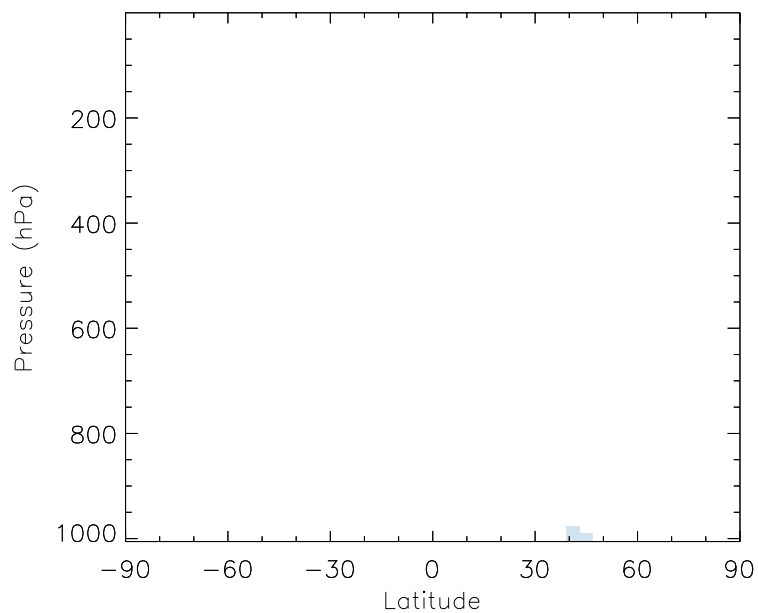
v11-01f-geosfp-Run0 / v11-01d-Run1

RCHO - Zonal mean % diff for Jan



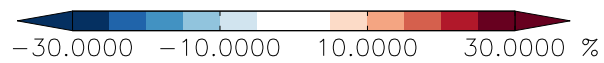
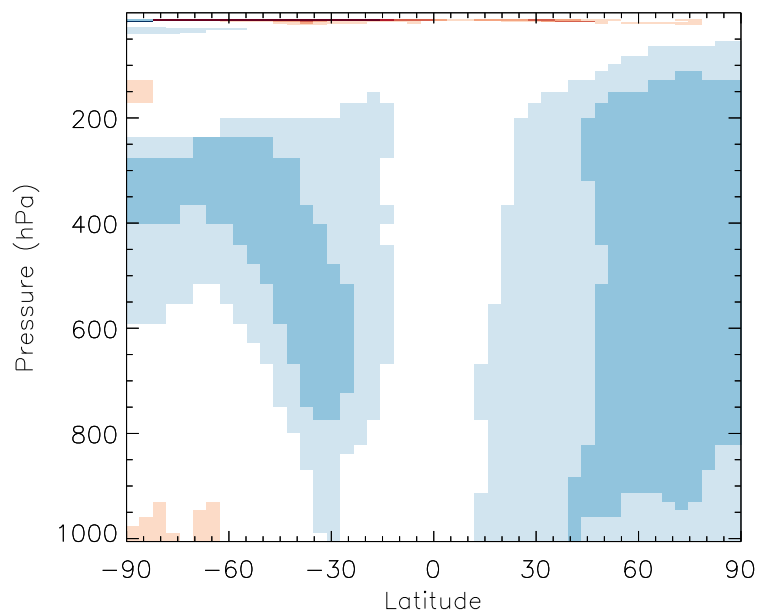
v11-01f-geosfp-Run0 - v11-01b-Run0

RCHO - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

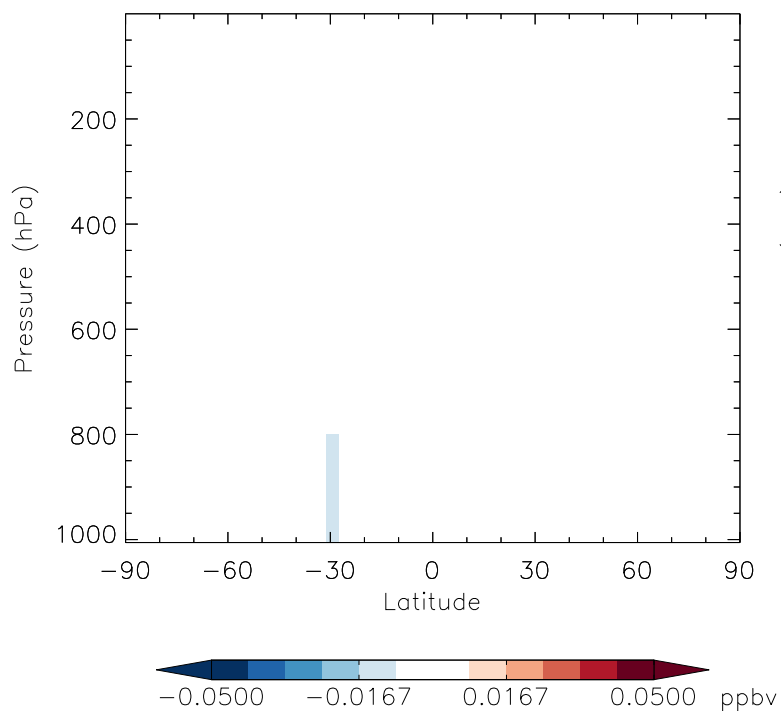
RCHO - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

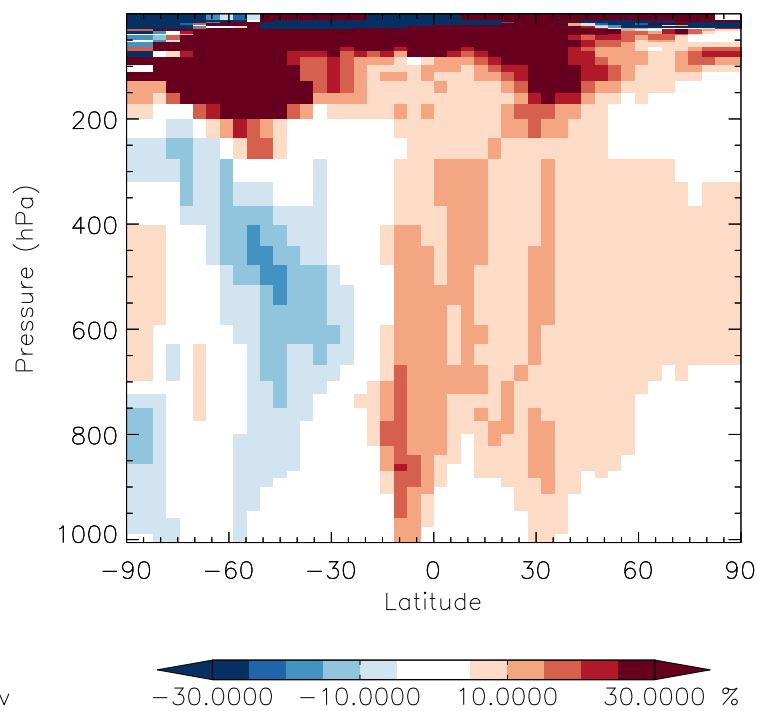
v11-01f-geosfp-Run0 - v11-01d-Run1

MVK - Zonal mean abs diff for Jan



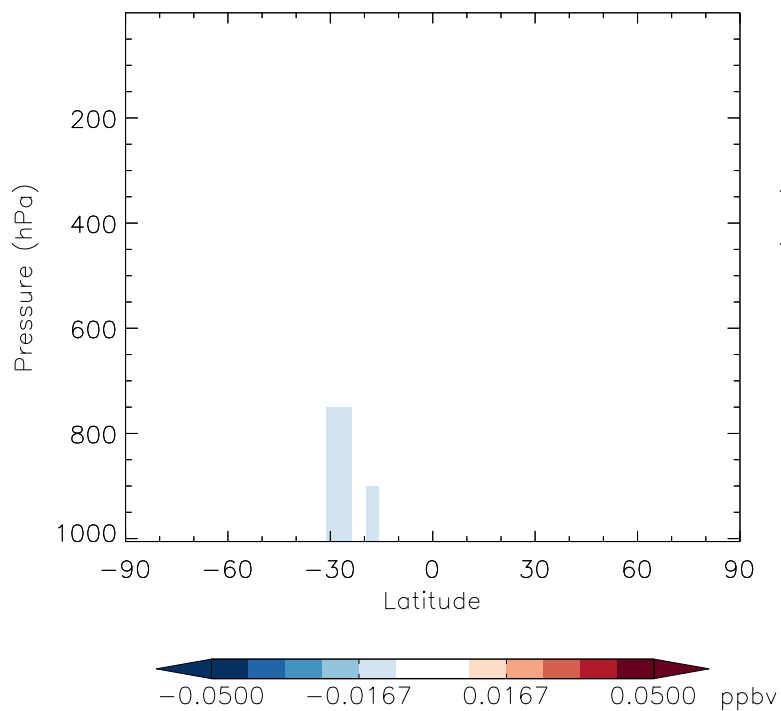
v11-01f-geosfp-Run0 / v11-01d-Run1

MVK - Zonal mean % diff for Jan



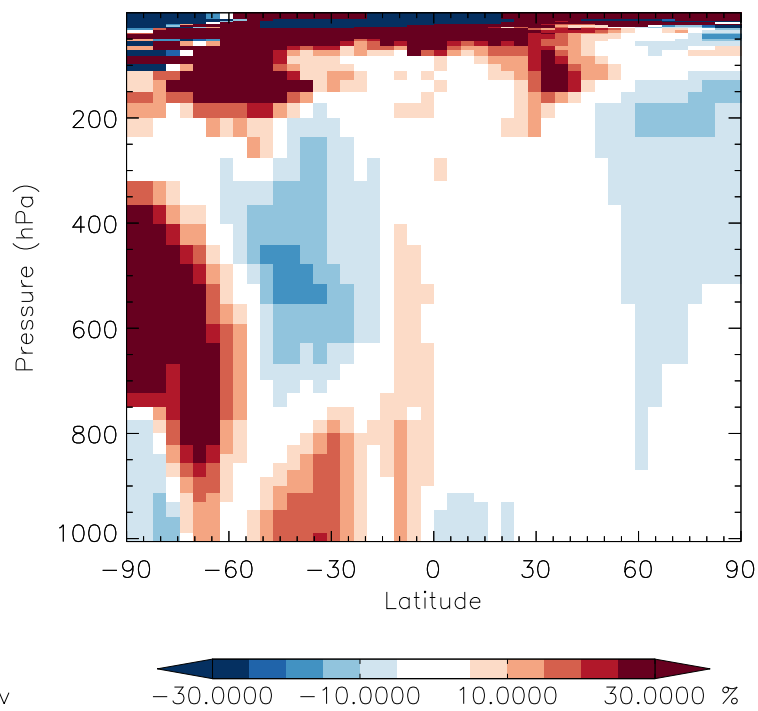
v11-01f-geosfp-Run0 - v11-01b-Run0

MVK - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

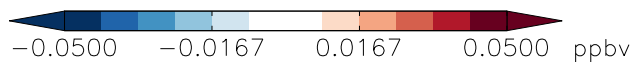
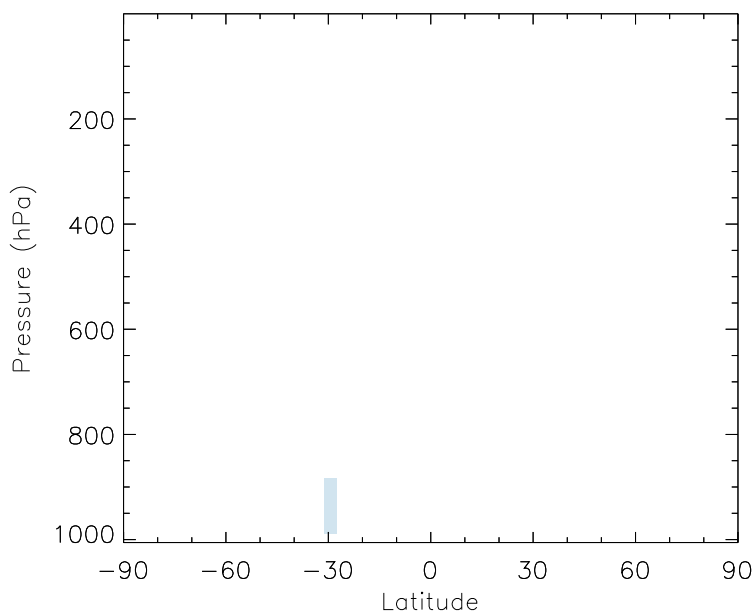
MVK - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

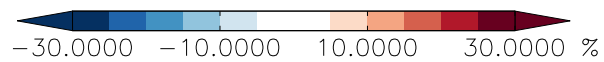
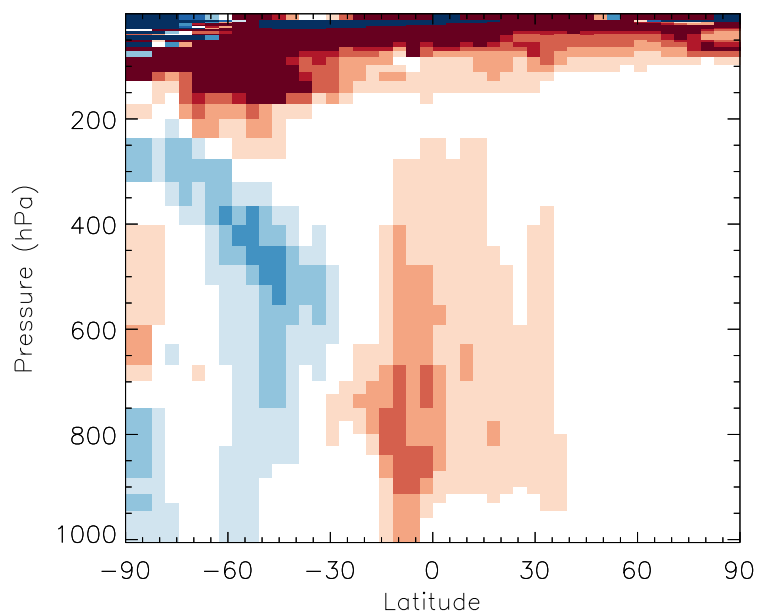
v11-01f-geosfp-Run0 - v11-01d-Run1

MACR - Zonal mean abs diff for Jan



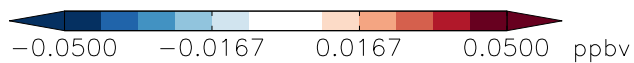
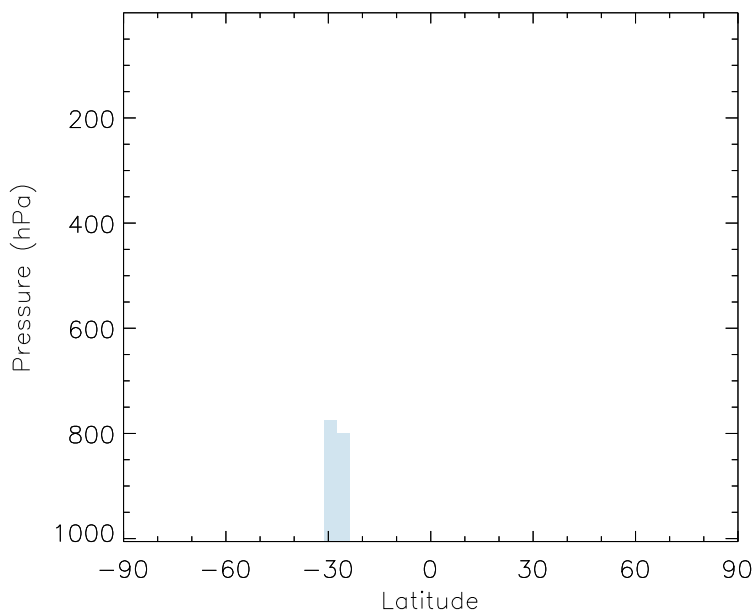
v11-01f-geosfp-Run0 / v11-01d-Run1

MACR - Zonal mean % diff for Jan



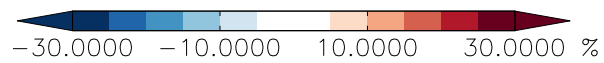
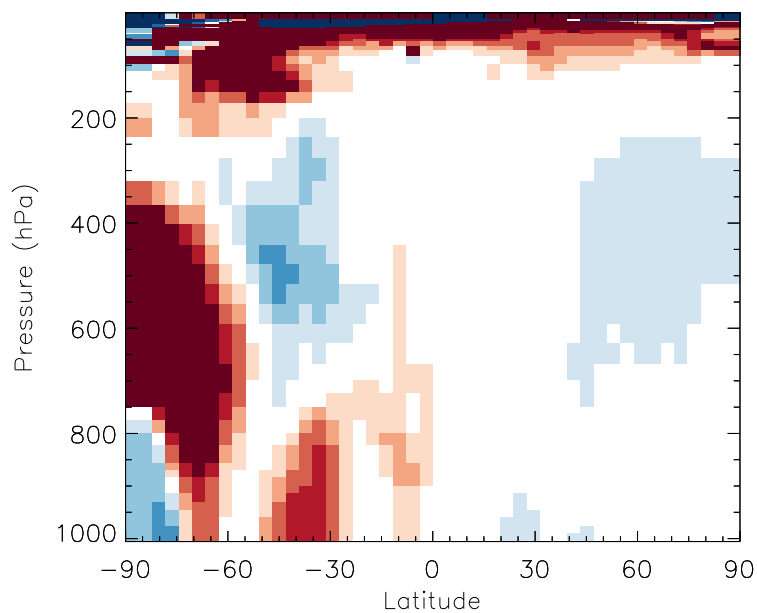
v11-01f-geosfp-Run0 - v11-01b-Run0

MACR - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

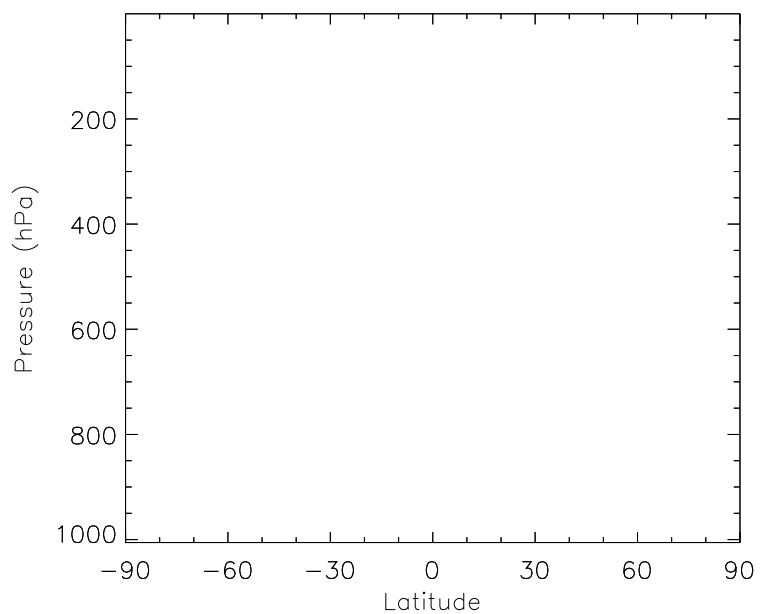
MACR - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

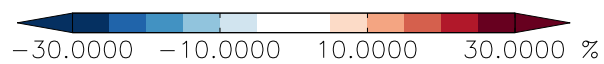
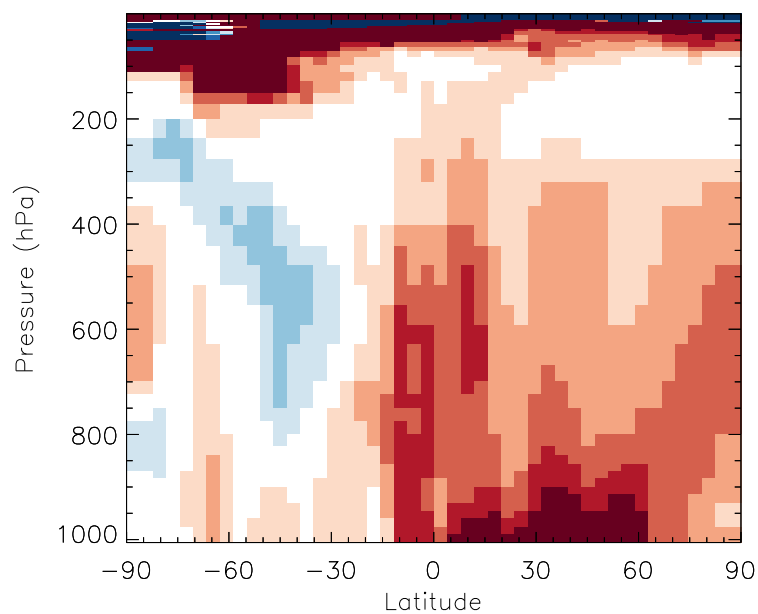
v11-01f-geosfp-Run0 - v11-01d-Run1

PMN - Zonal mean abs diff for Jan



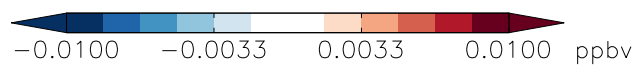
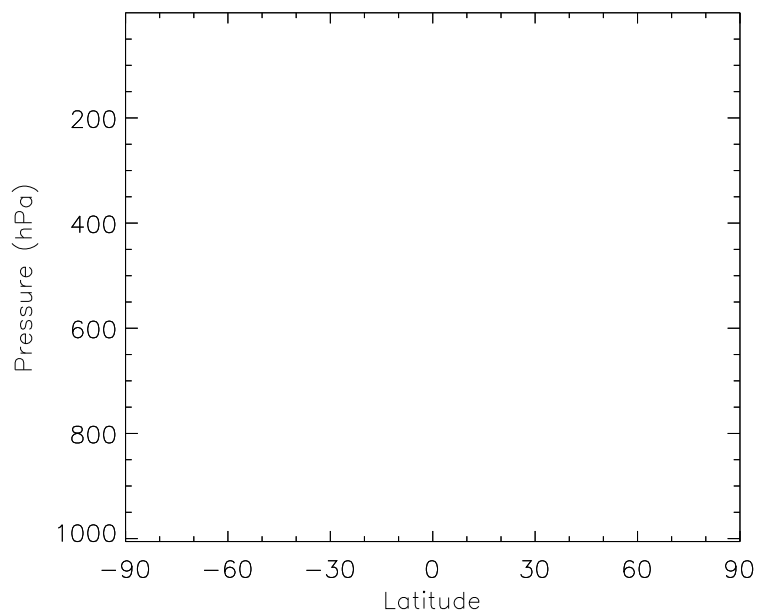
v11-01f-geosfp-Run0 / v11-01d-Run1

PMN - Zonal mean % diff for Jan



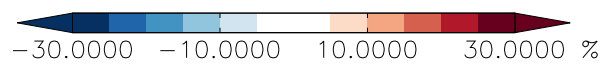
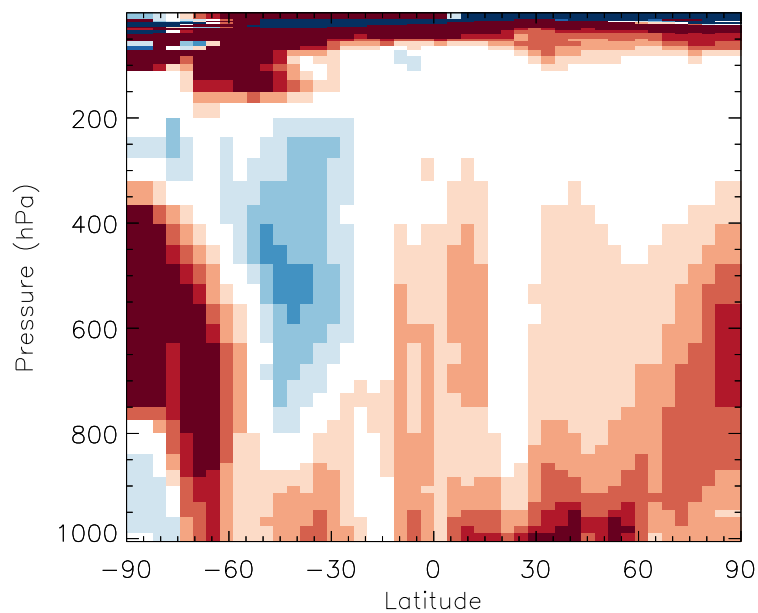
v11-01f-geosfp-Run0 - v11-01b-Run0

PMN - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

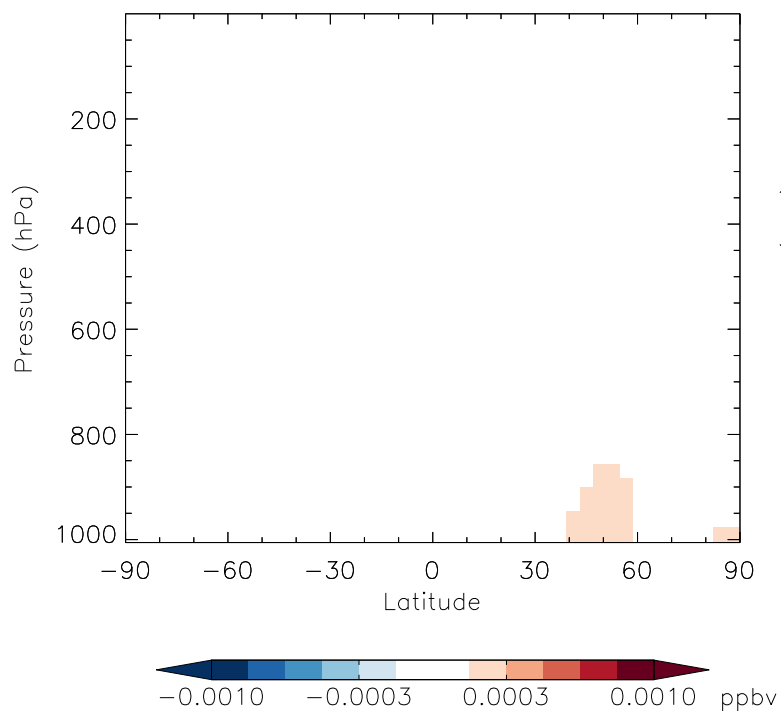
PMN - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

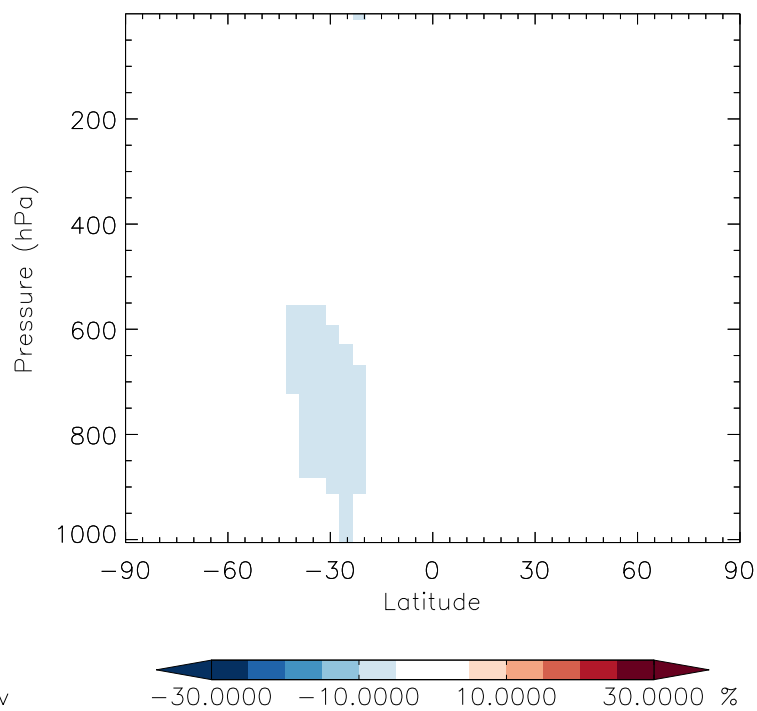
v11-01f-geosfp-Run0 - v11-01d-Run1

PPN - Zonal mean abs diff for Jan



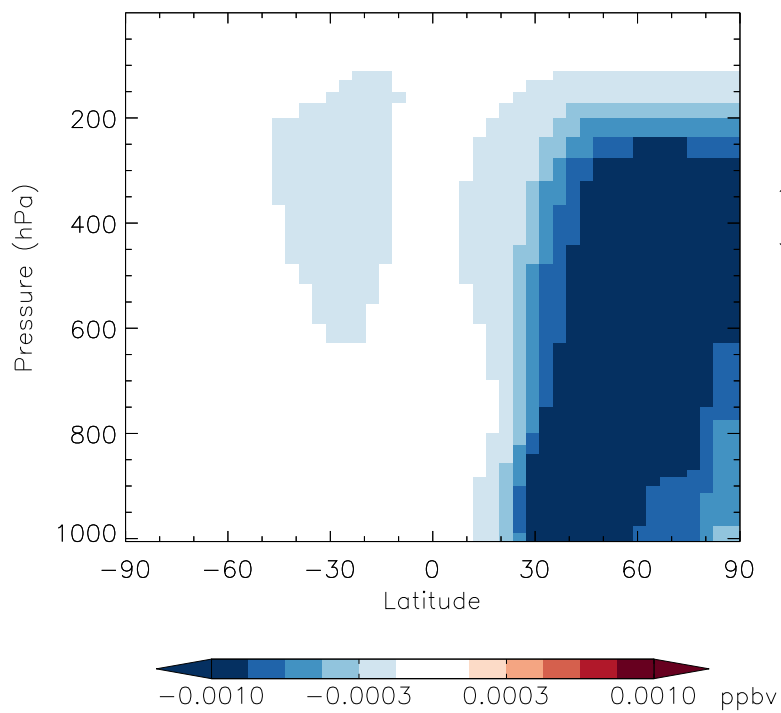
v11-01f-geosfp-Run0 / v11-01d-Run1

PPN - Zonal mean % diff for Jan



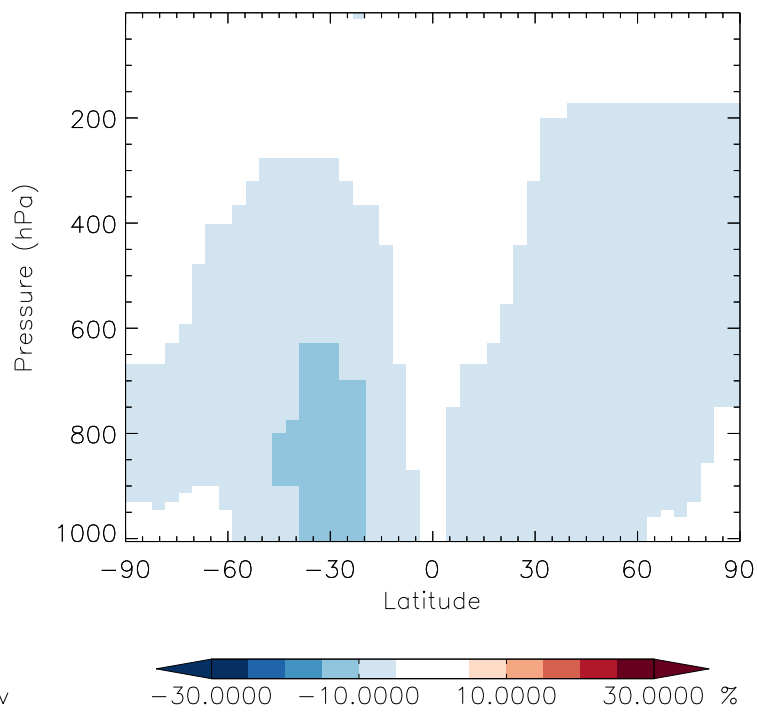
v11-01f-geosfp-Run0 - v11-01b-Run0

PPN - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

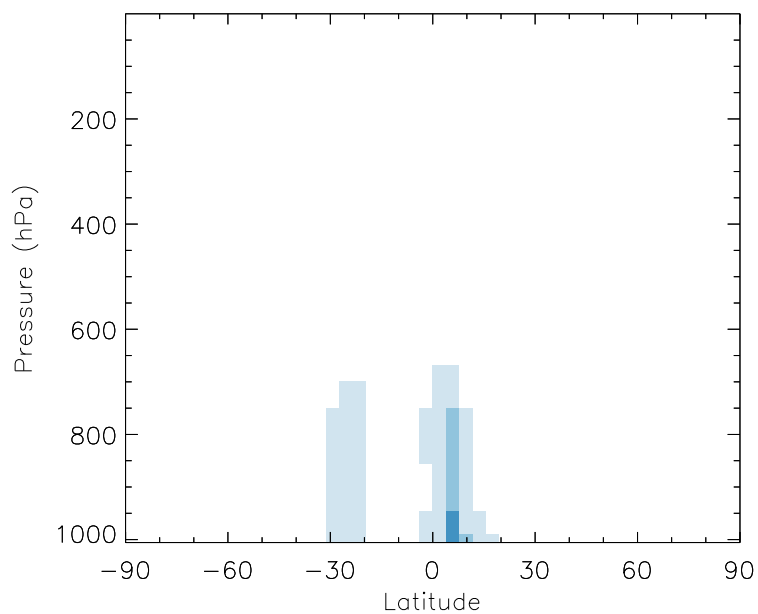
PPN - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

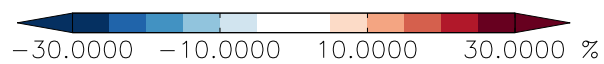
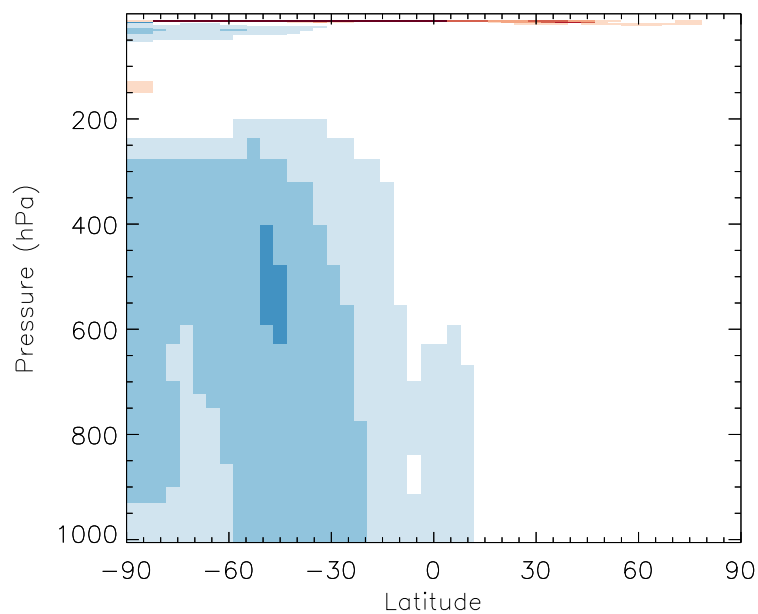
v11-01f-geosfp-Run0 - v11-01d-Run1

R4N2 - Zonal mean abs diff for Jan



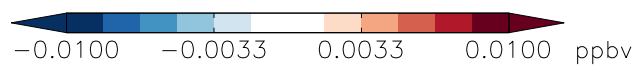
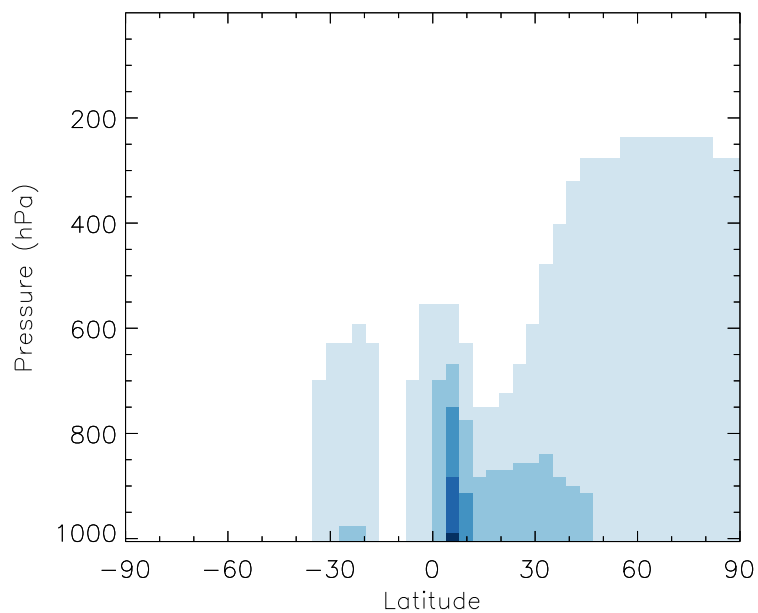
v11-01f-geosfp-Run0 / v11-01d-Run1

R4N2 - Zonal mean % diff for Jan



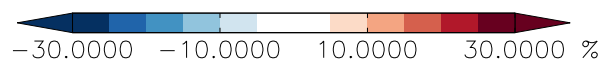
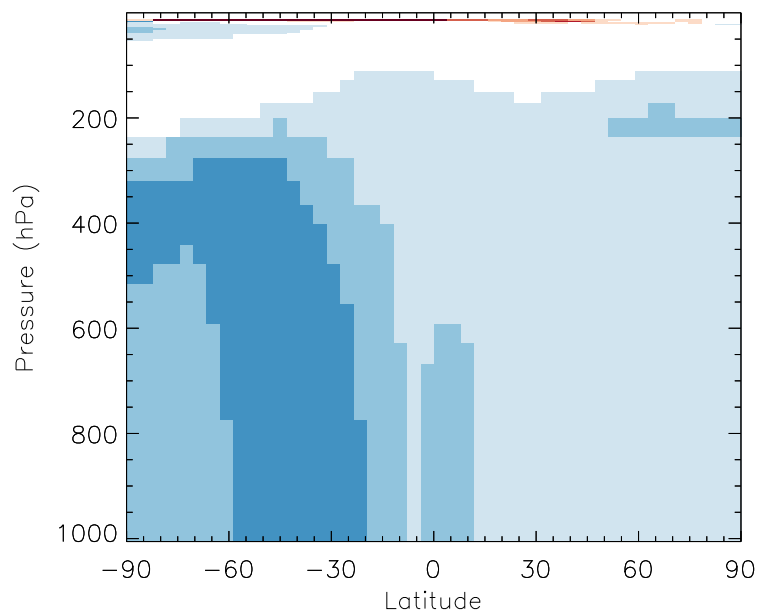
v11-01f-geosfp-Run0 - v11-01b-Run0

R4N2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

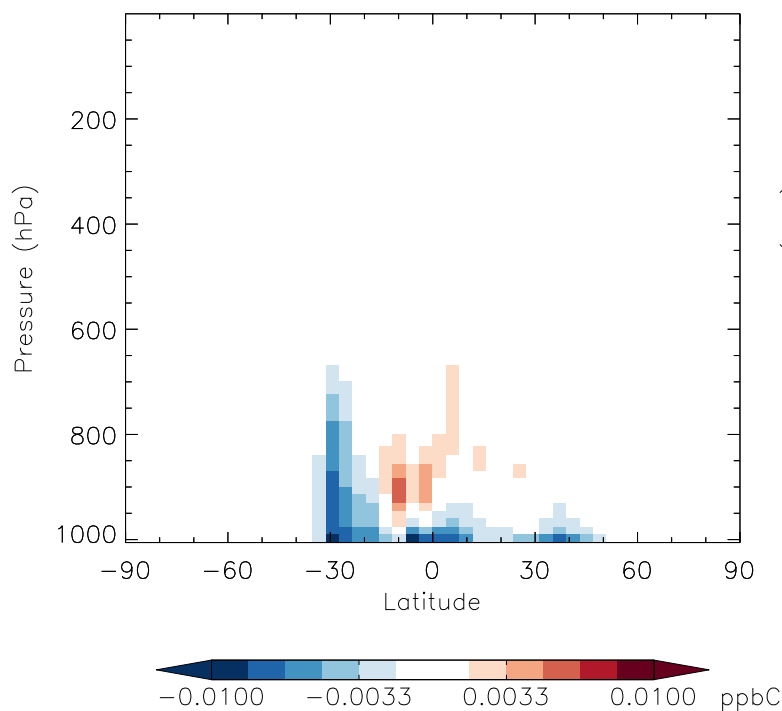
R4N2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

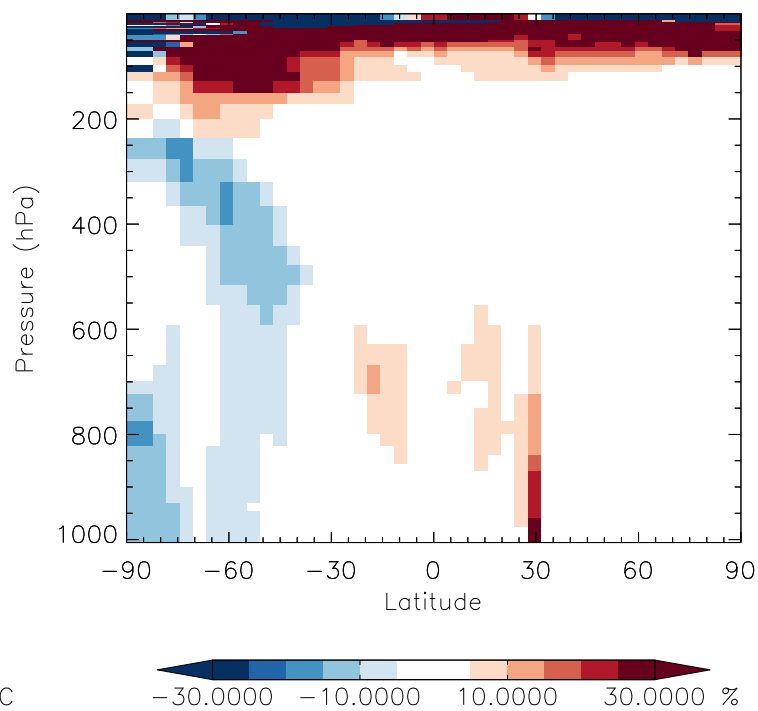
v11-01f-geosfp-Run0 - v11-01d-Run1

PRPE - Zonal mean abs diff for Jan



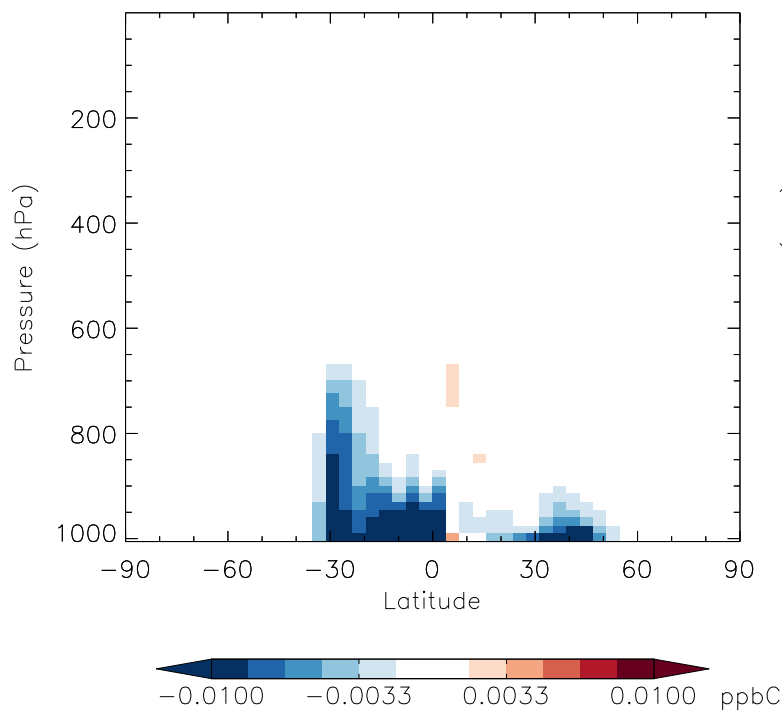
v11-01f-geosfp-Run0 / v11-01d-Run1

PRPE - Zonal mean % diff for Jan



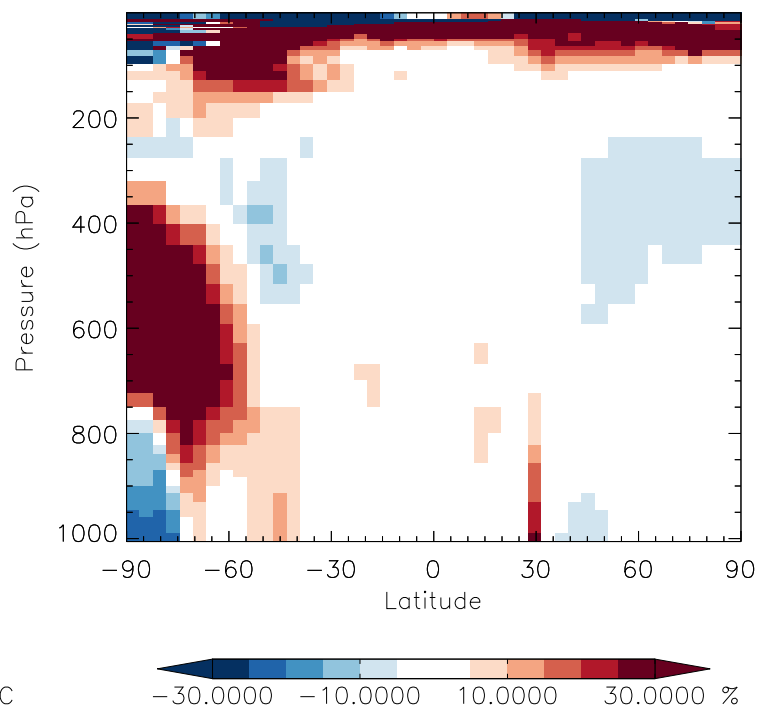
v11-01f-geosfp-Run0 - v11-01b-Run0

PRPE - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

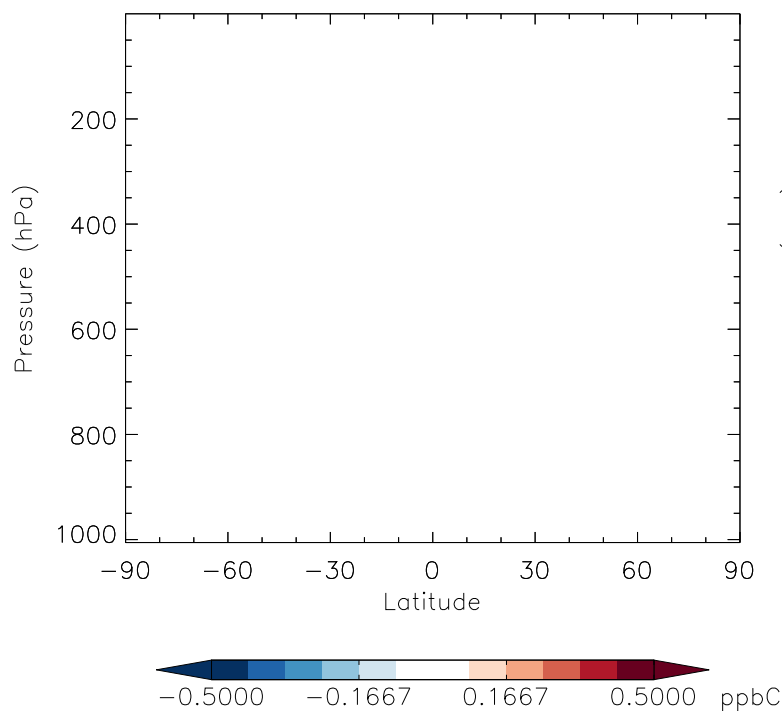
PRPE - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

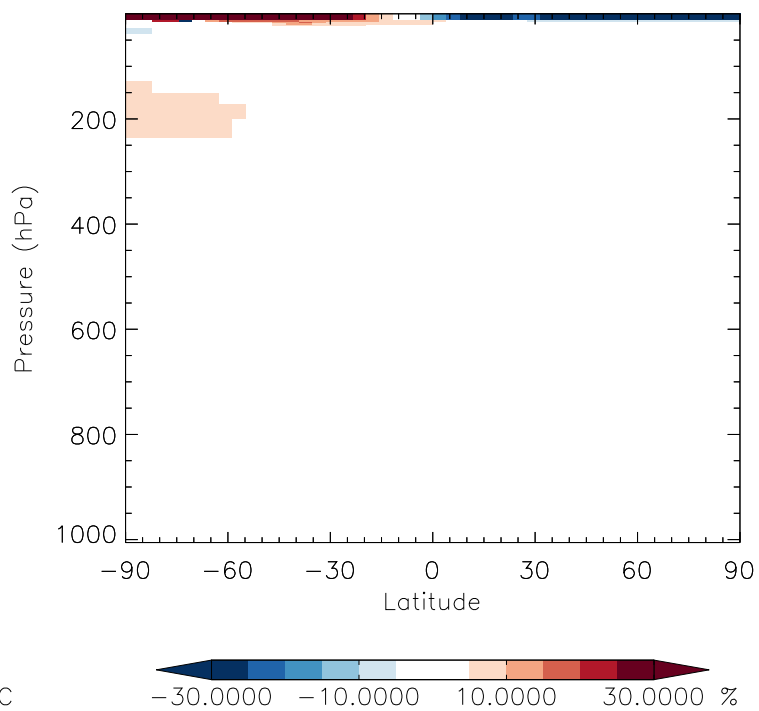
v11-01f-geosfp-Run0 - v11-01d-Run1

C3H8 - Zonal mean abs diff for Jan



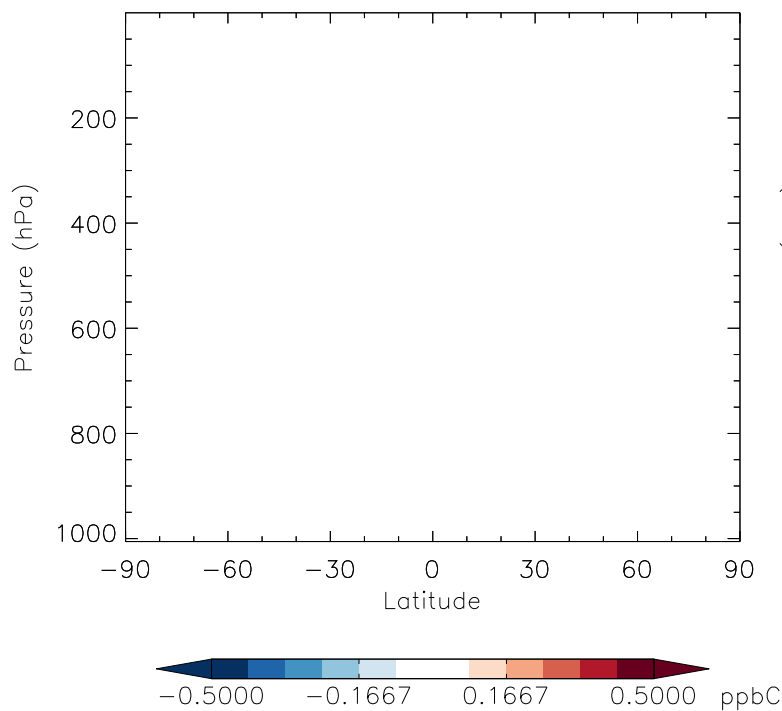
v11-01f-geosfp-Run0 / v11-01d-Run1

C3H8 - Zonal mean % diff for Jan



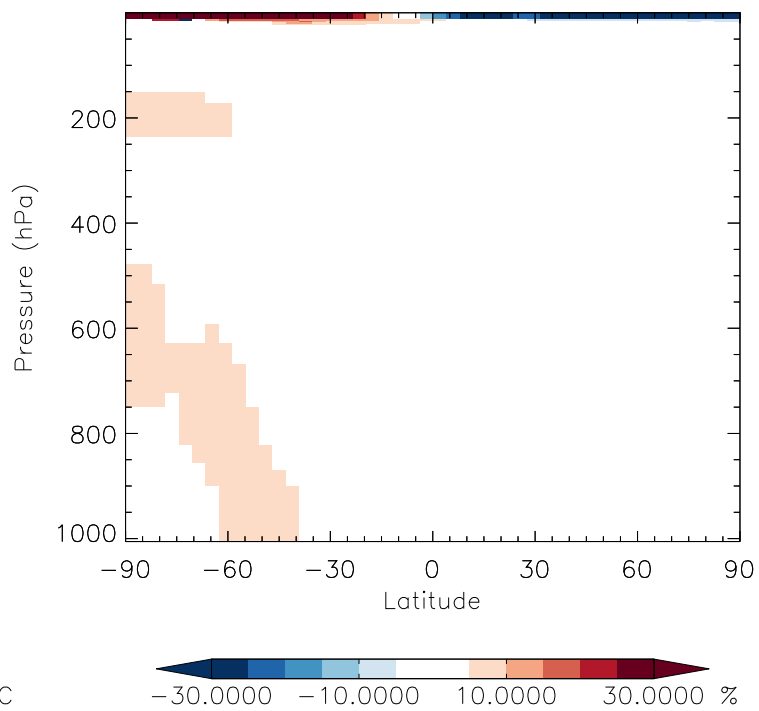
v11-01f-geosfp-Run0 - v11-01b-Run0

C3H8 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

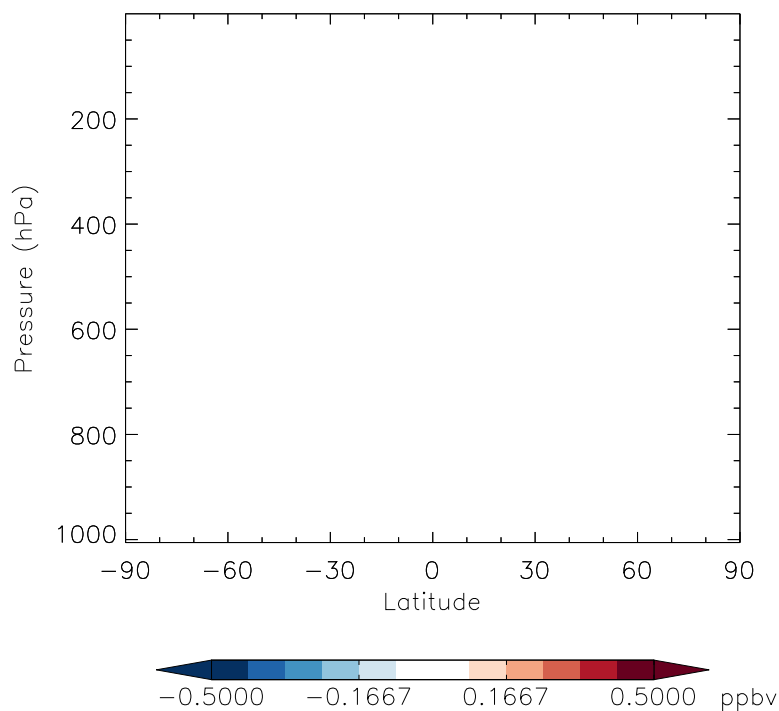
C3H8 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

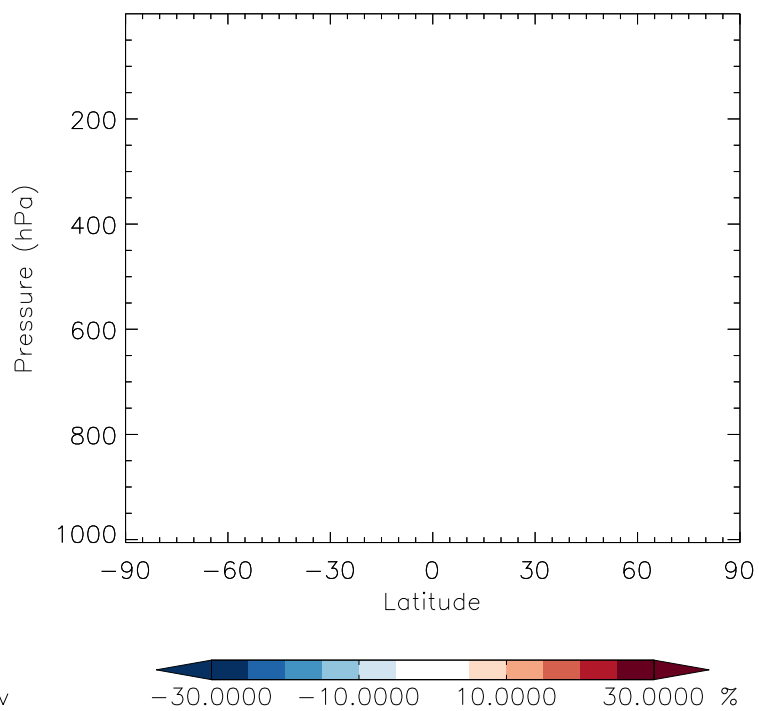
v11-01f-geosfp-Run0 - v11-01d-Run1

CH₂O - Zonal mean abs diff for Jan



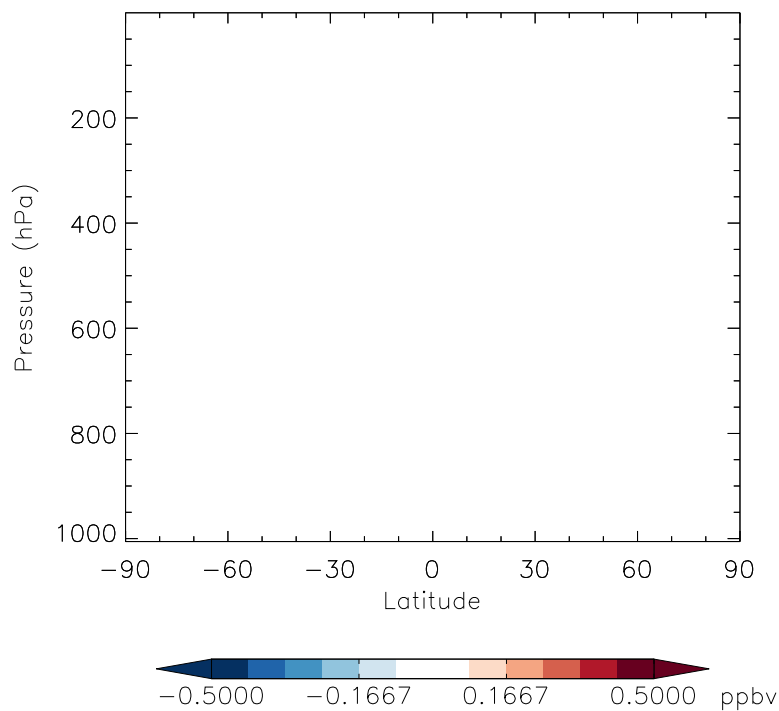
v11-01f-geosfp-Run0 / v11-01d-Run1

CH₂O - Zonal mean % diff for Jan



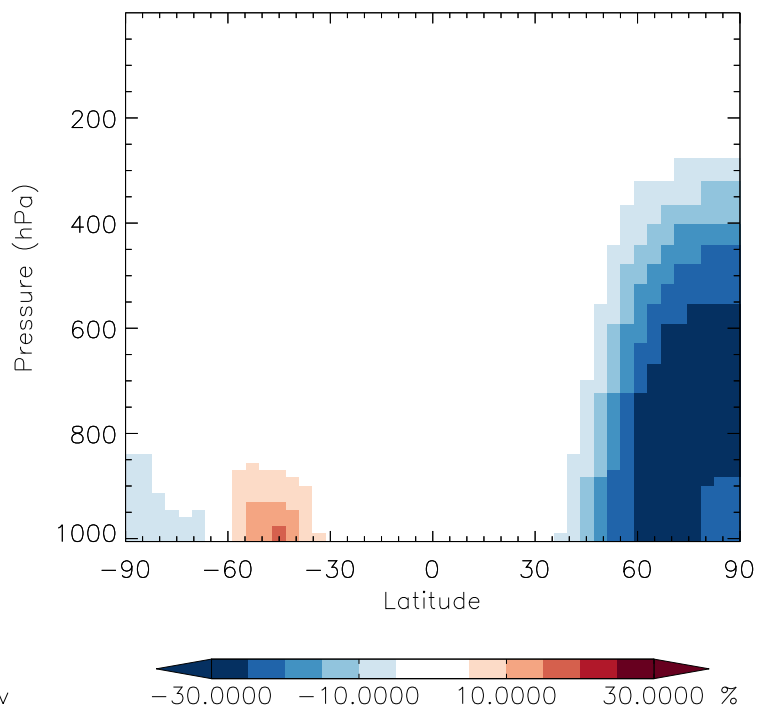
v11-01f-geosfp-Run0 - v11-01b-Run0

CH₂O - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

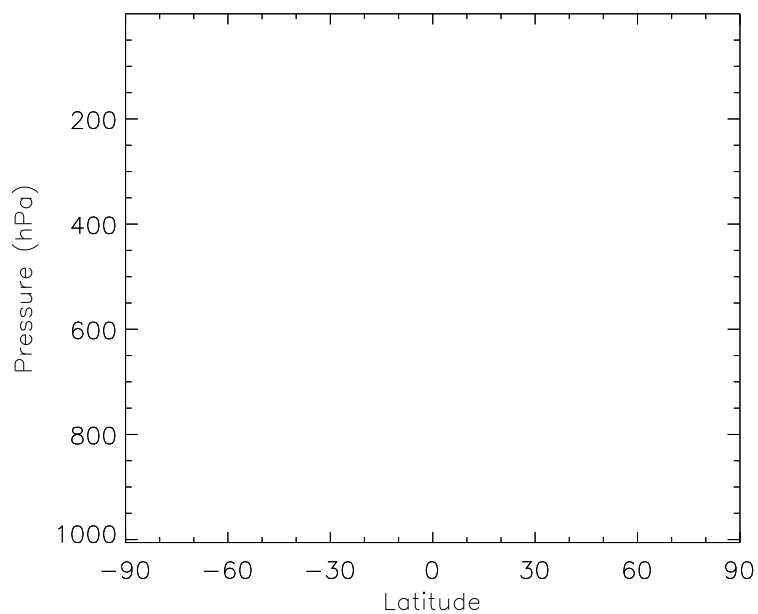
CH₂O - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

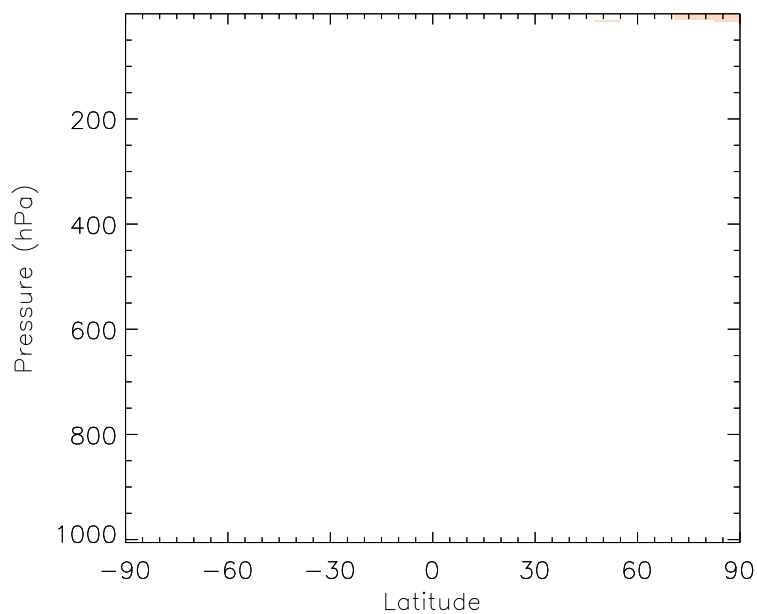
v11-01f-geosfp-Run0 - v11-01d-Run1

C2H6 - Zonal mean abs diff for Jan



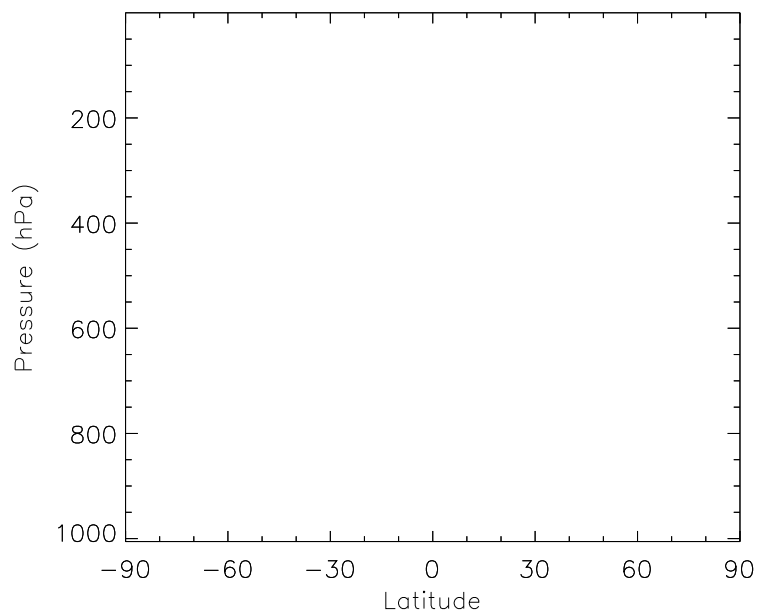
v11-01f-geosfp-Run0 / v11-01d-Run1

C2H6 - Zonal mean % diff for Jan



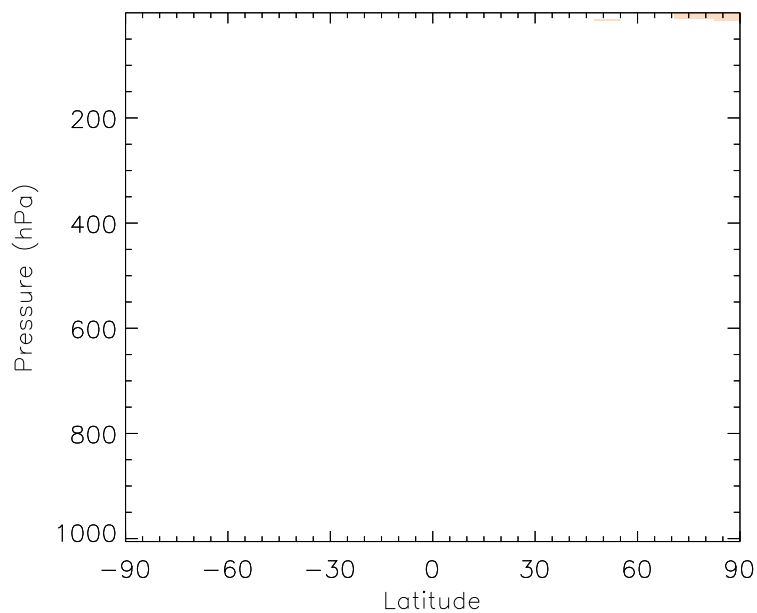
v11-01f-geosfp-Run0 - v11-01b-Run0

C2H6 - Zonal mean abs diff for Jan



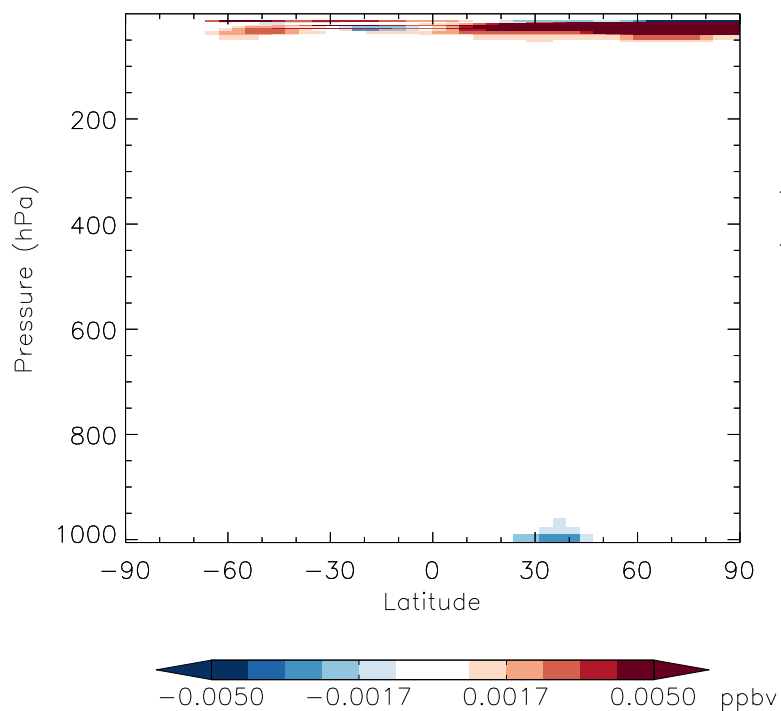
v11-01f-geosfp-Run0 / v11-01b-Run0

C2H6 - Zonal mean % diff for Jan

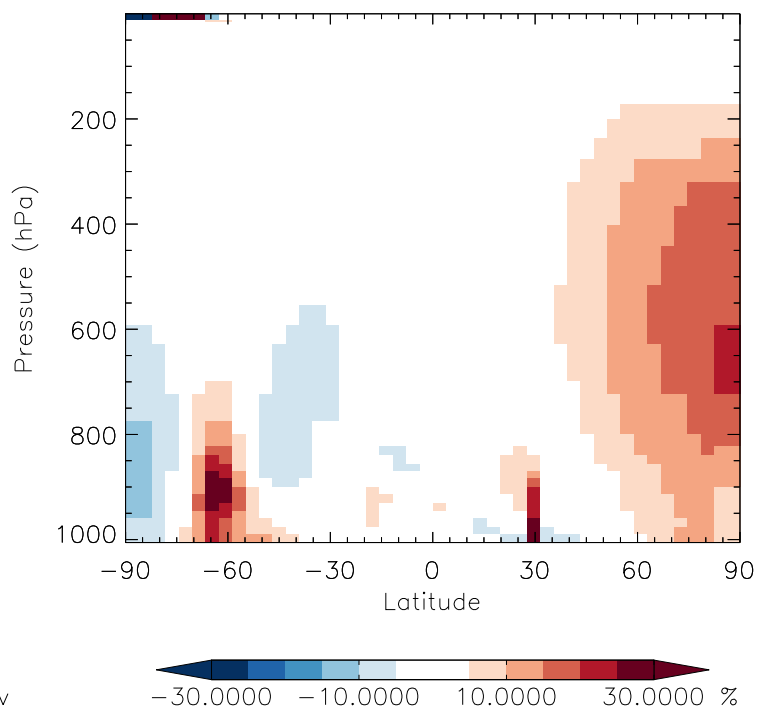


GEOS-Chem Zonal Difference Maps

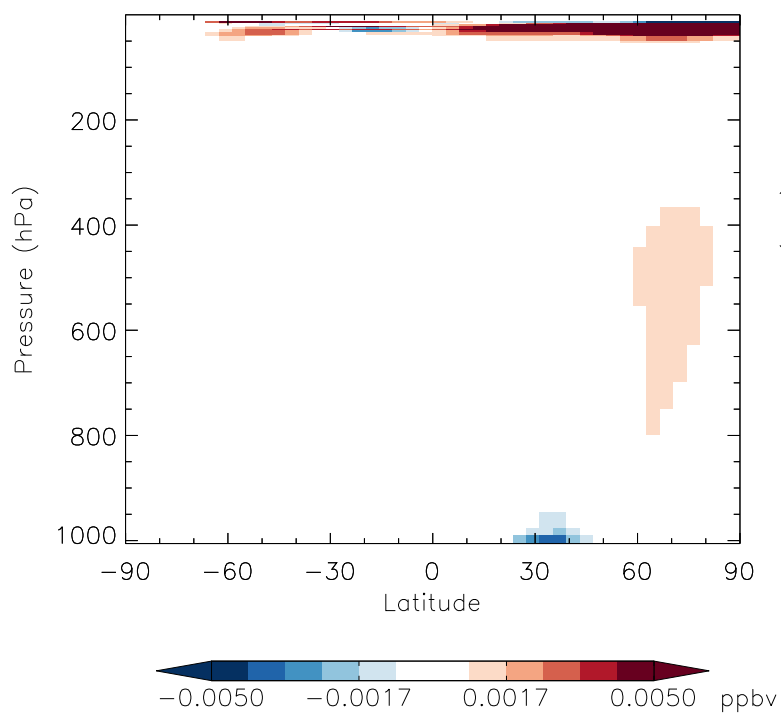
v11-01f-geosfp-Run0 - v11-01d-Run1
N2O5 - Zonal mean abs diff for Jan



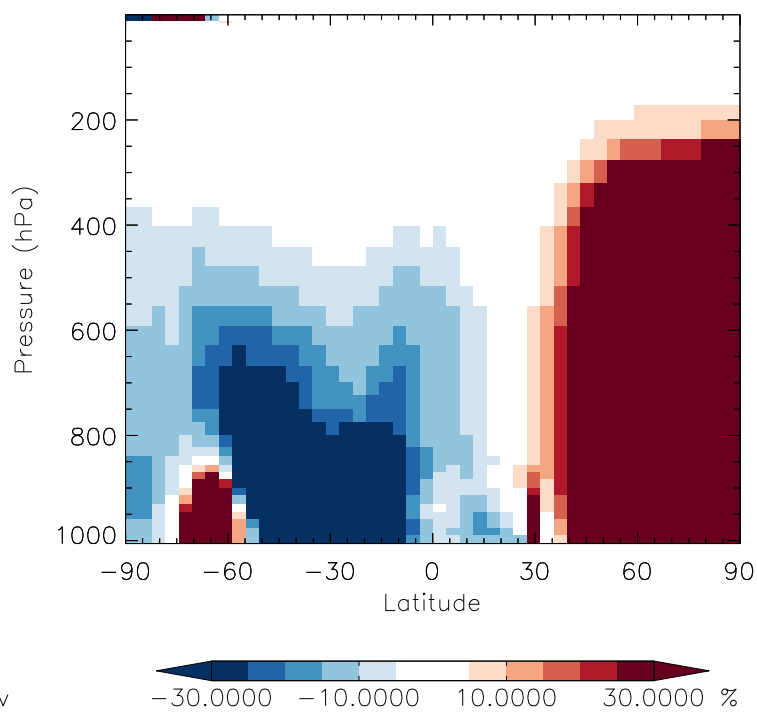
v11-01f-geosfp-Run0 / v11-01d-Run1
N2O5 - Zonal mean % diff for Jan



v11-01f-geosfp-Run0 - v11-01b-Run0
N2O5 - Zonal mean abs diff for Jan



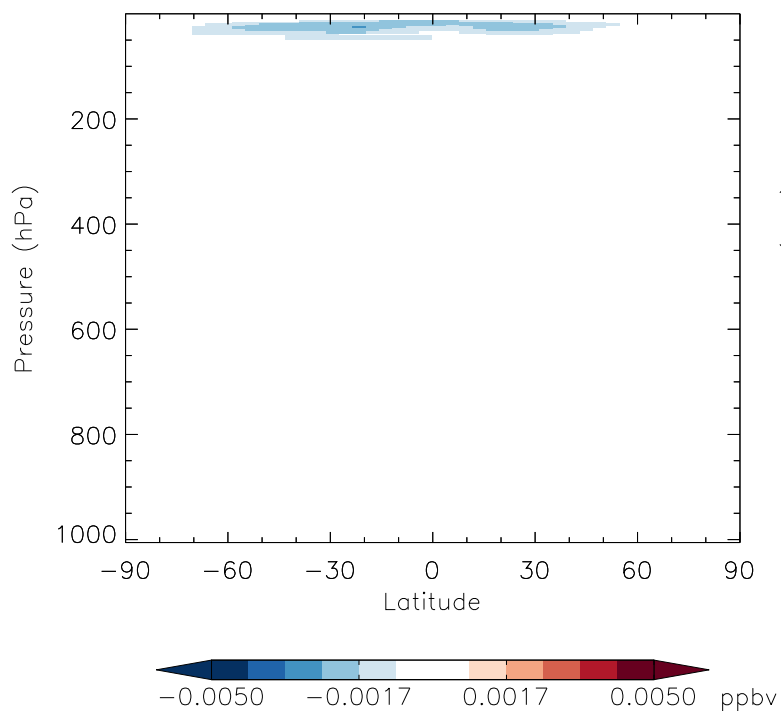
v11-01f-geosfp-Run0 / v11-01b-Run0
N2O5 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

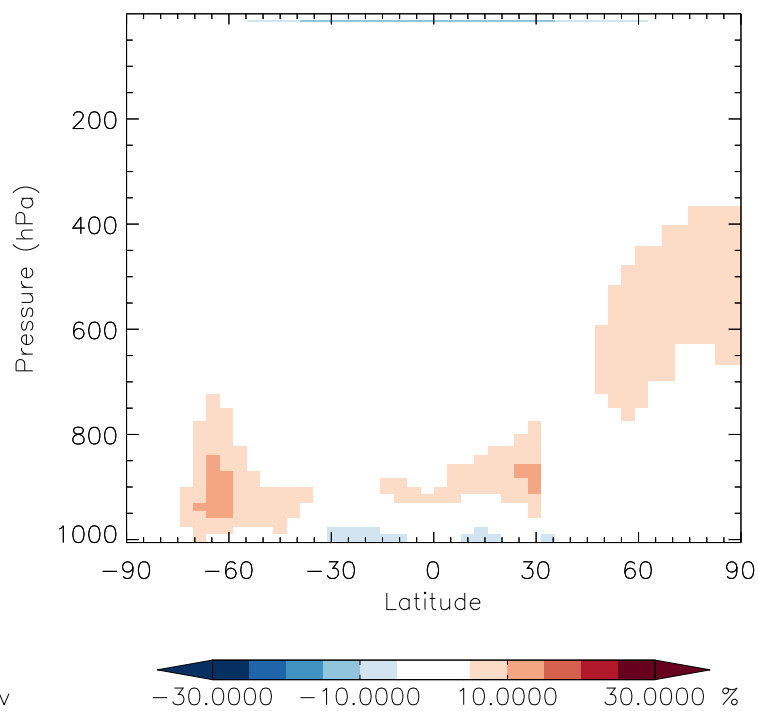
v11-01f-geosfp-Run0 - v11-01d-Run1

HNO₄ - Zonal mean abs diff for Jan



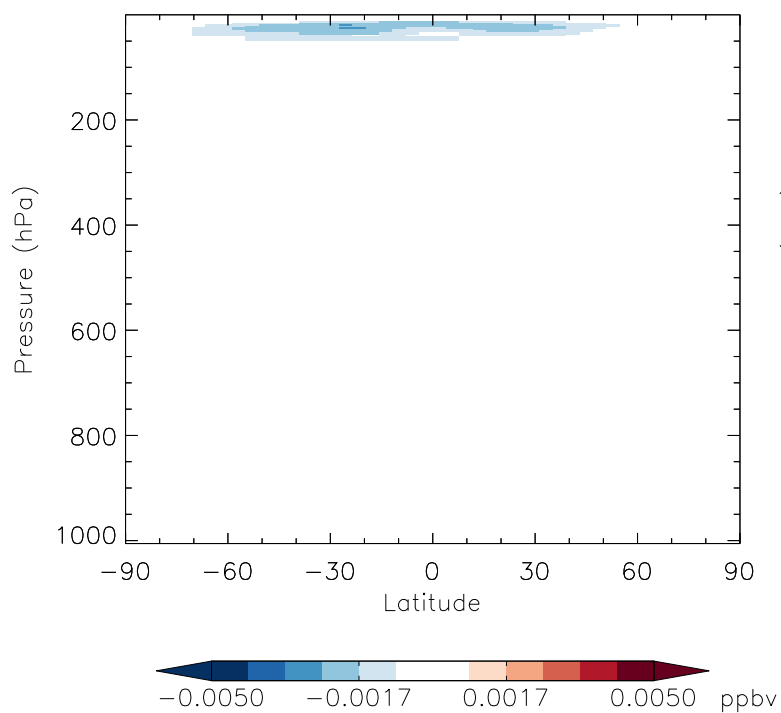
v11-01f-geosfp-Run0 / v11-01d-Run1

HNO₄ - Zonal mean % diff for Jan



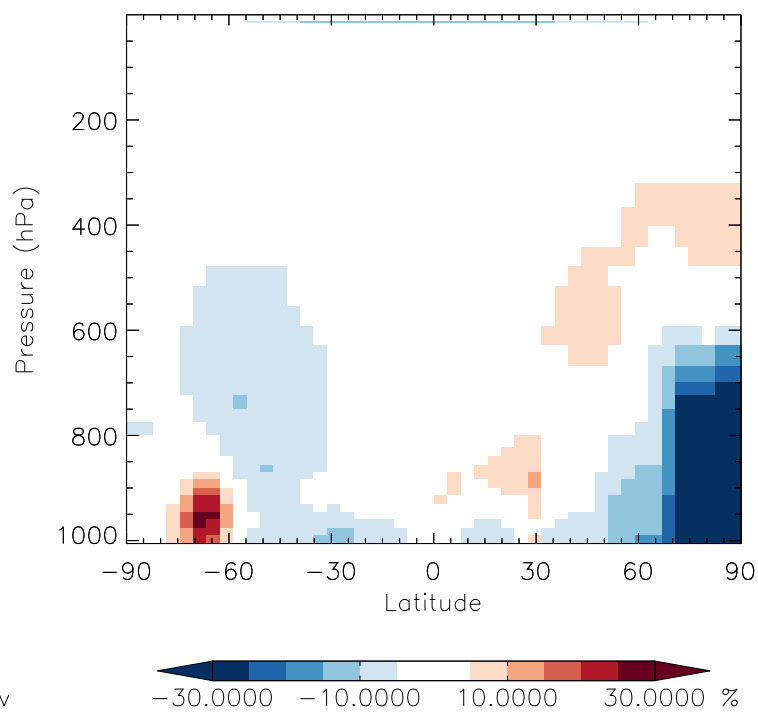
v11-01f-geosfp-Run0 - v11-01b-Run0

HNO₄ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

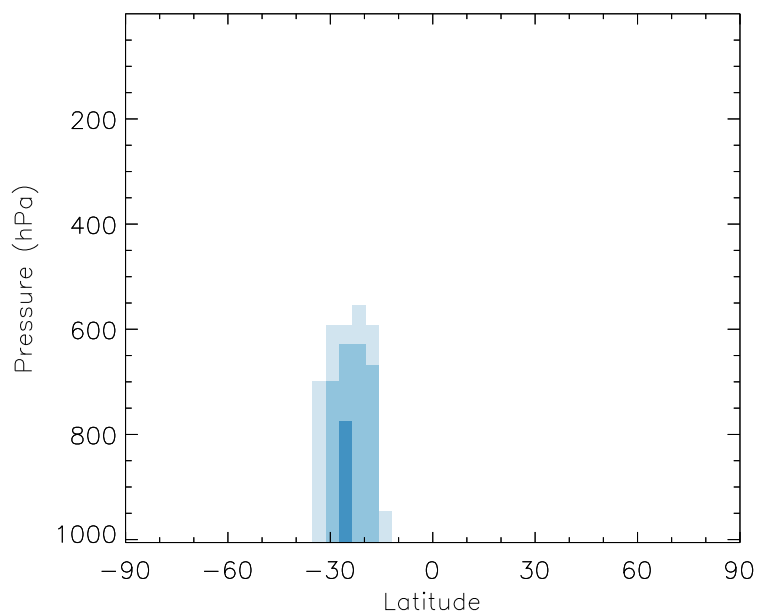
HNO₄ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

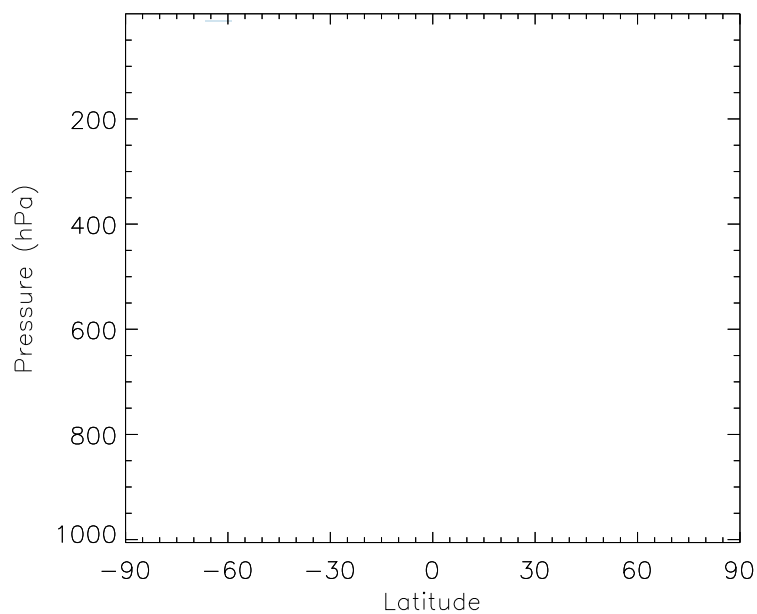
v11-01f-geosfp-Run0 - v11-01d-Run1

MP - Zonal mean abs diff for Jan



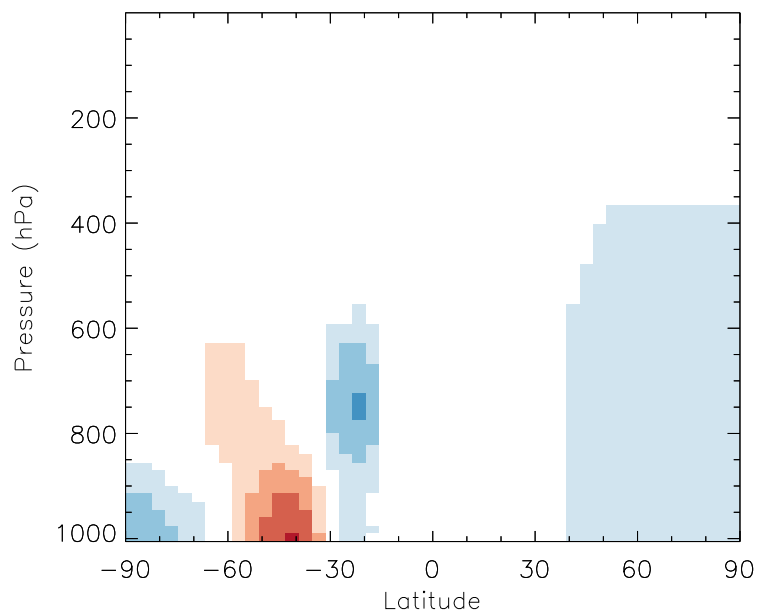
v11-01f-geosfp-Run0 / v11-01d-Run1

MP - Zonal mean % diff for Jan



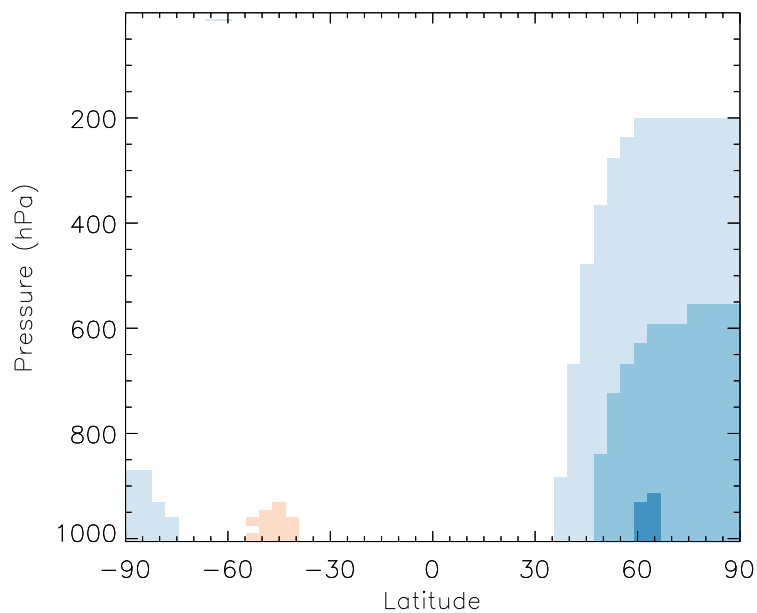
v11-01f-geosfp-Run0 - v11-01b-Run0

MP - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

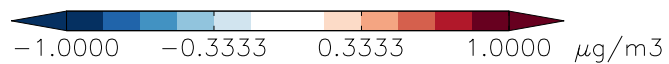
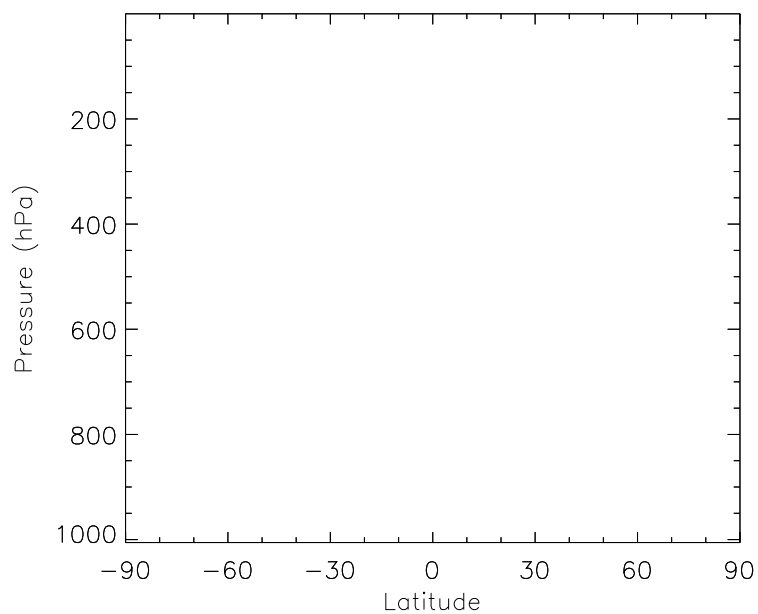
MP - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

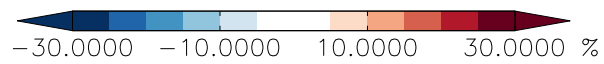
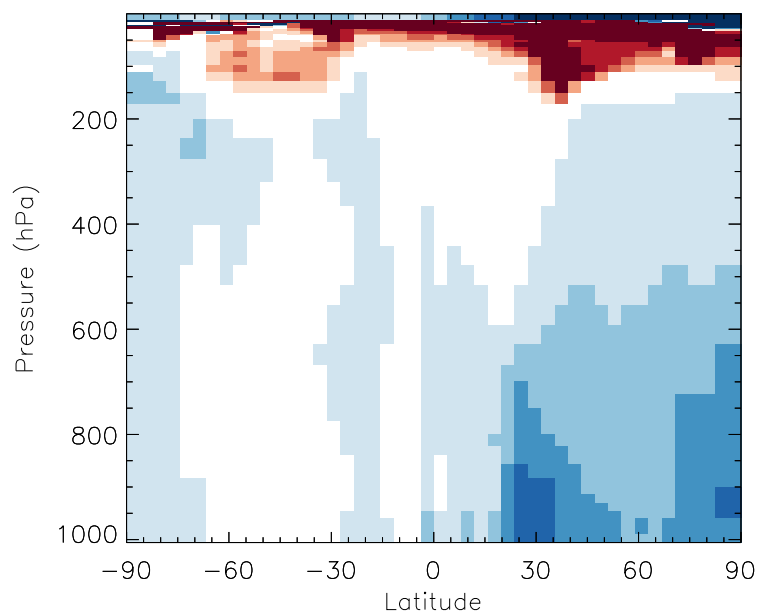
v11-01f-geosfp-Run0 - v11-01d-Run1

DMS - Zonal mean abs diff for Jan



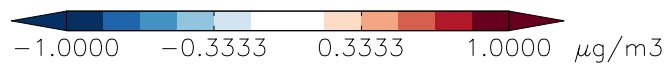
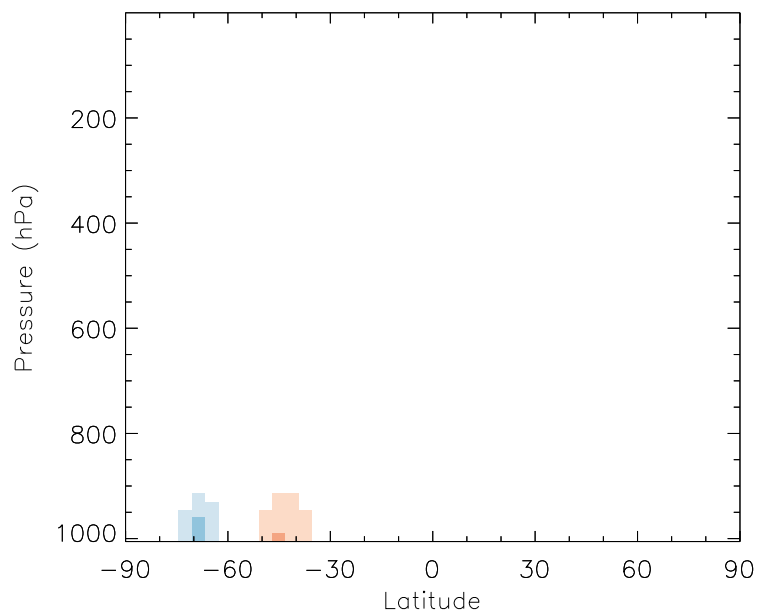
v11-01f-geosfp-Run0 / v11-01d-Run1

DMS - Zonal mean % diff for Jan



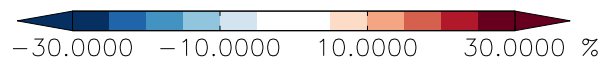
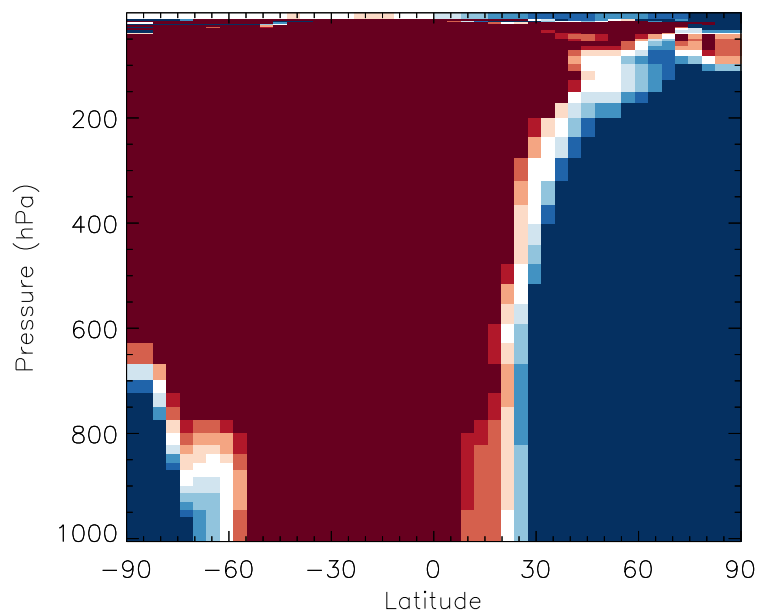
v11-01f-geosfp-Run0 - v11-01b-Run0

DMS - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

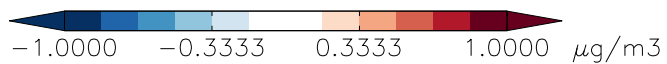
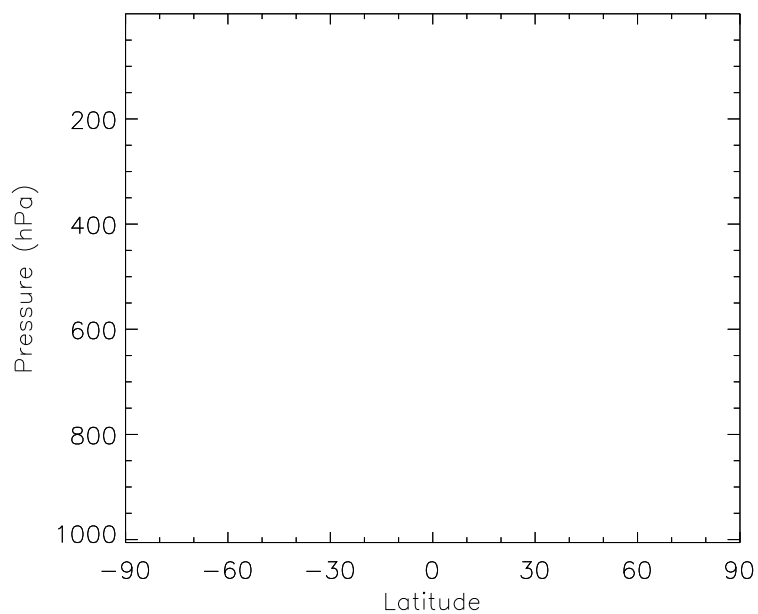
DMS - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

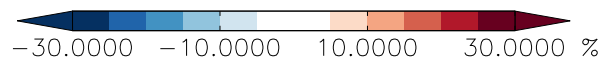
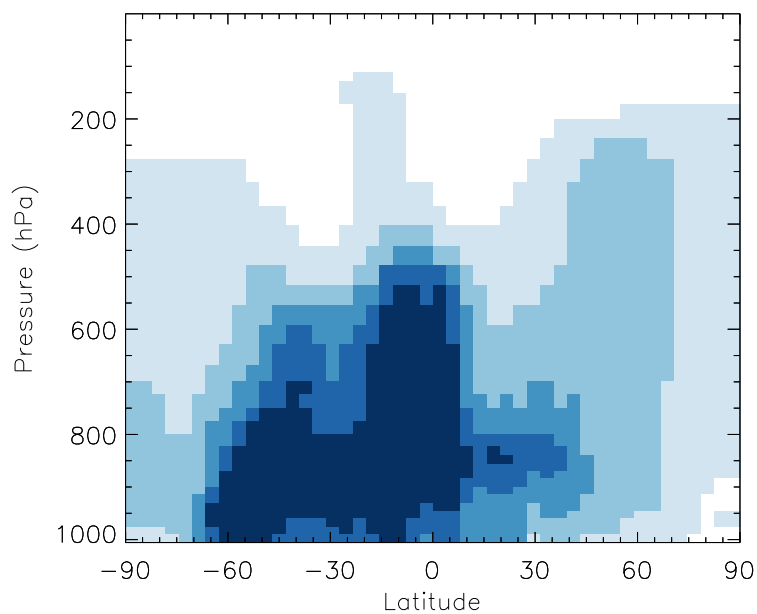
v11-01f-geosfp-Run0 - v11-01d-Run1

SO₂ - Zonal mean abs diff for Jan



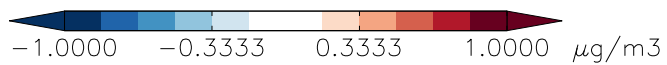
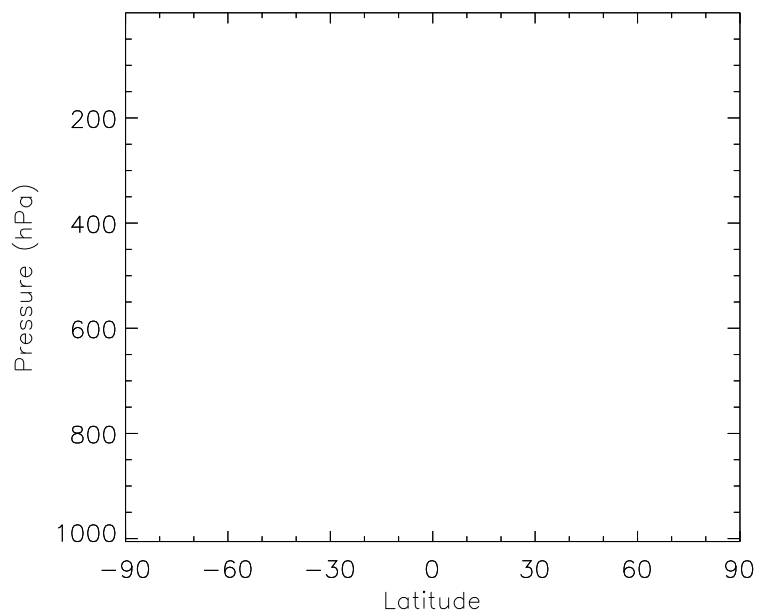
v11-01f-geosfp-Run0 / v11-01d-Run1

SO₂ - Zonal mean % diff for Jan



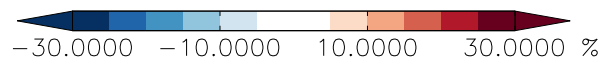
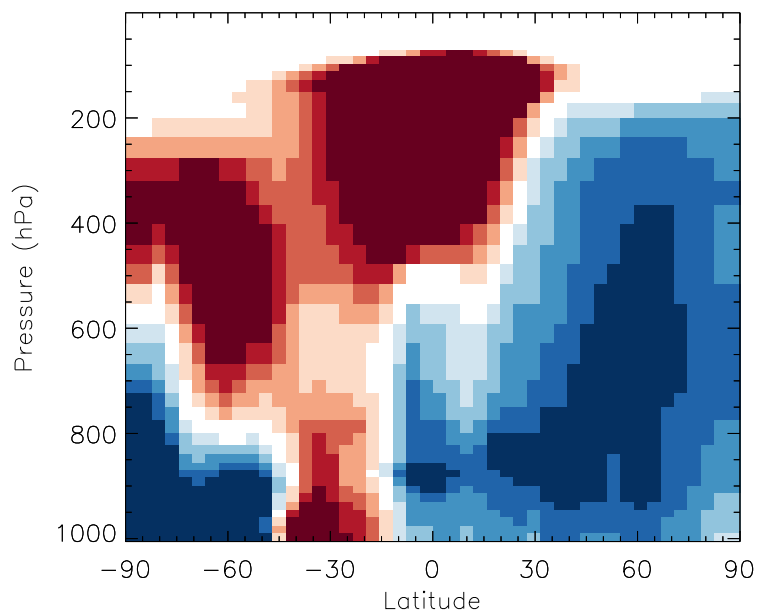
v11-01f-geosfp-Run0 - v11-01b-Run0

SO₂ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

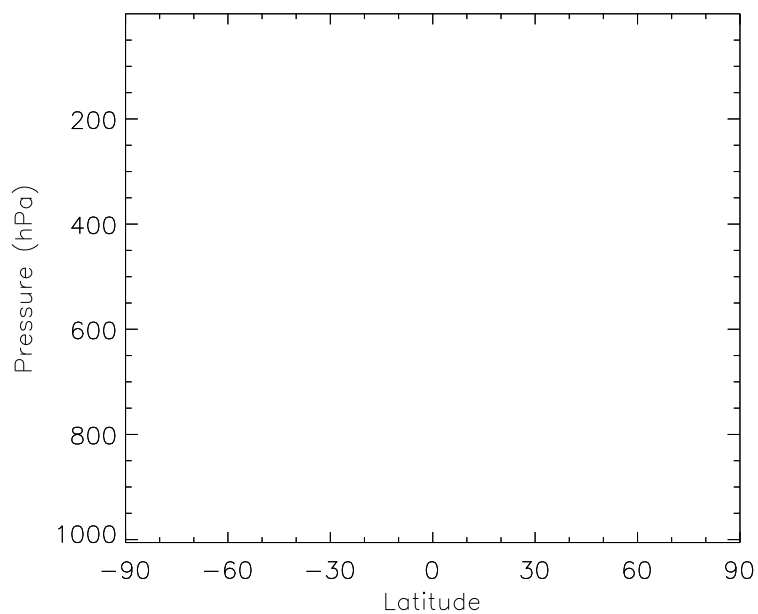
SO₂ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

v11-01f-geosfp-Run0 - v11-01d-Run1

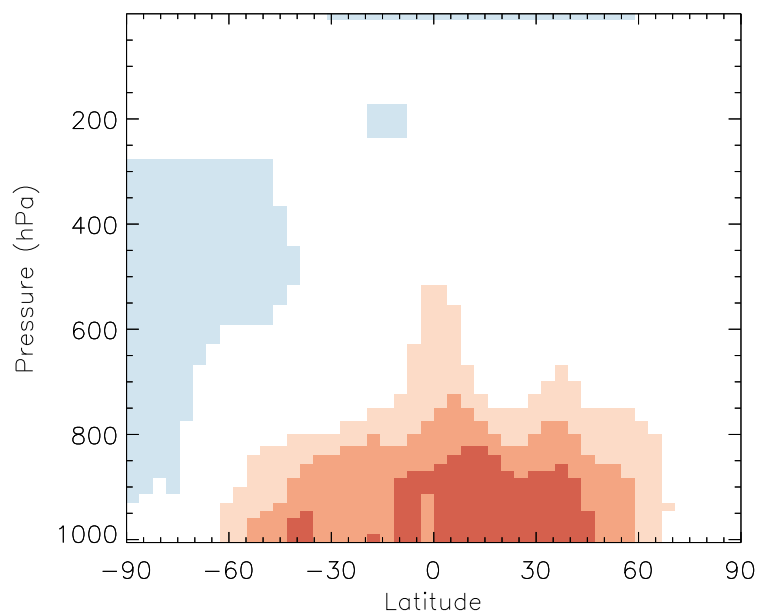
S04 - Zonal mean abs diff for Jan



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

v11-01f-geosfp-Run0 / v11-01d-Run1

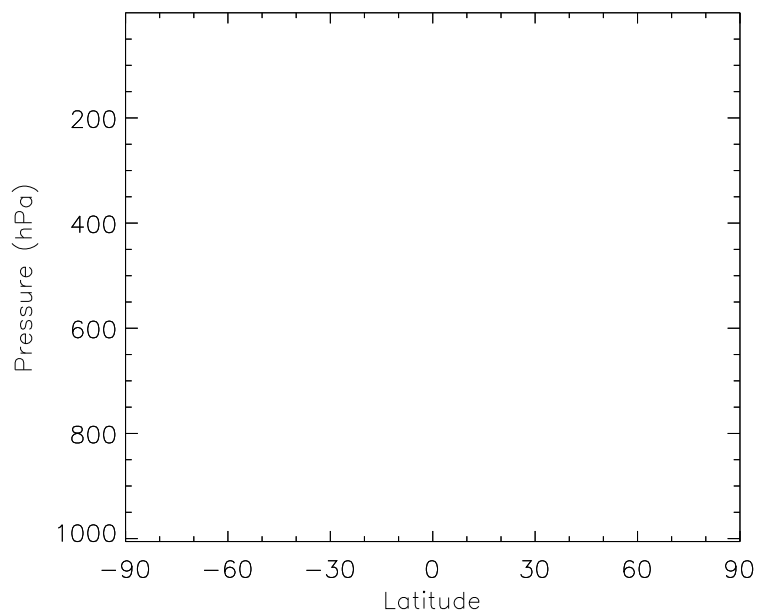
S04 - Zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

v11-01f-geosfp-Run0 - v11-01b-Run0

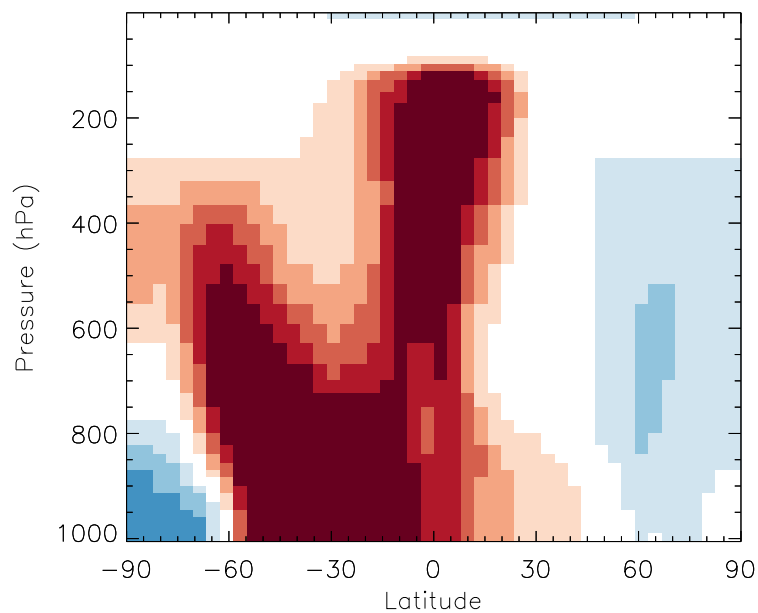
S04 - Zonal mean abs diff for Jan



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

v11-01f-geosfp-Run0 / v11-01b-Run0

S04 - Zonal mean % diff for Jan

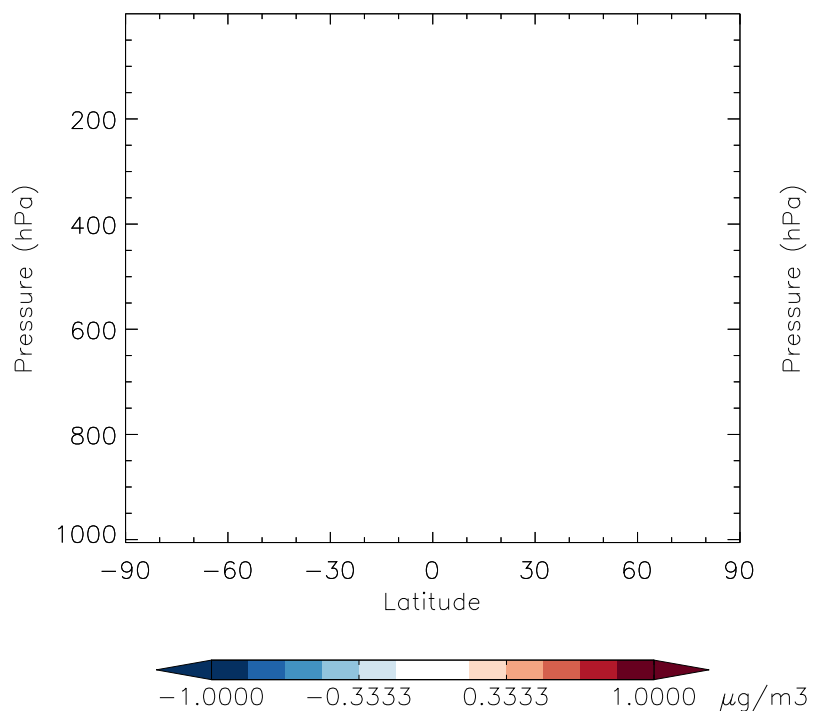


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

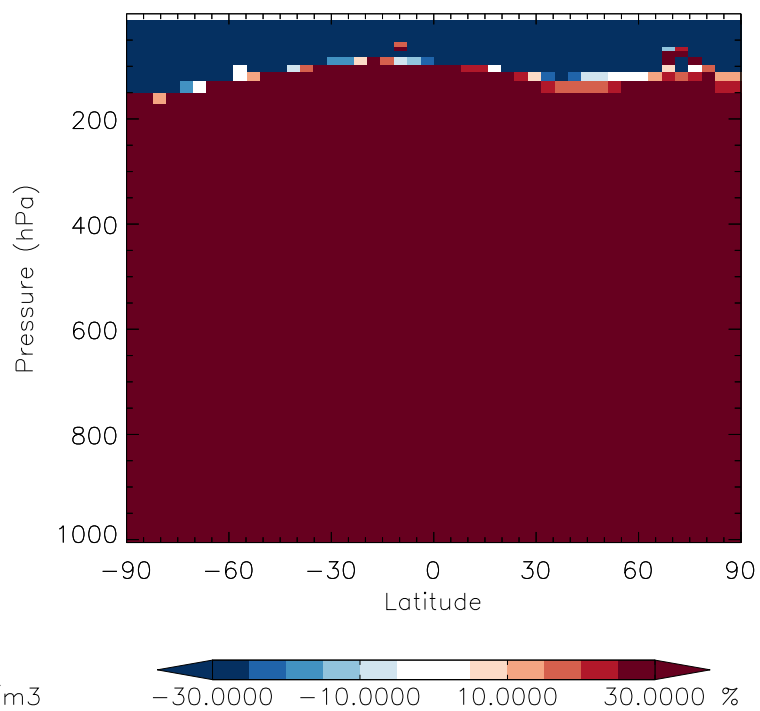
v11-01f-geosfp-Run0 - v11-01d-Run1

SO₄s - Zonal mean abs diff for Jan



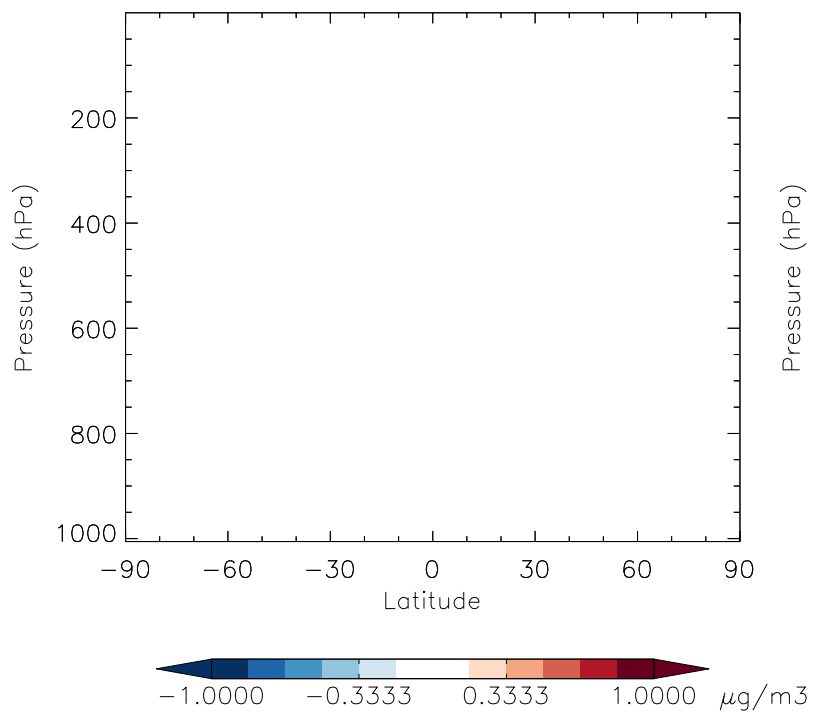
v11-01f-geosfp-Run0 / v11-01d-Run1

SO₄s - Zonal mean % diff for Jan



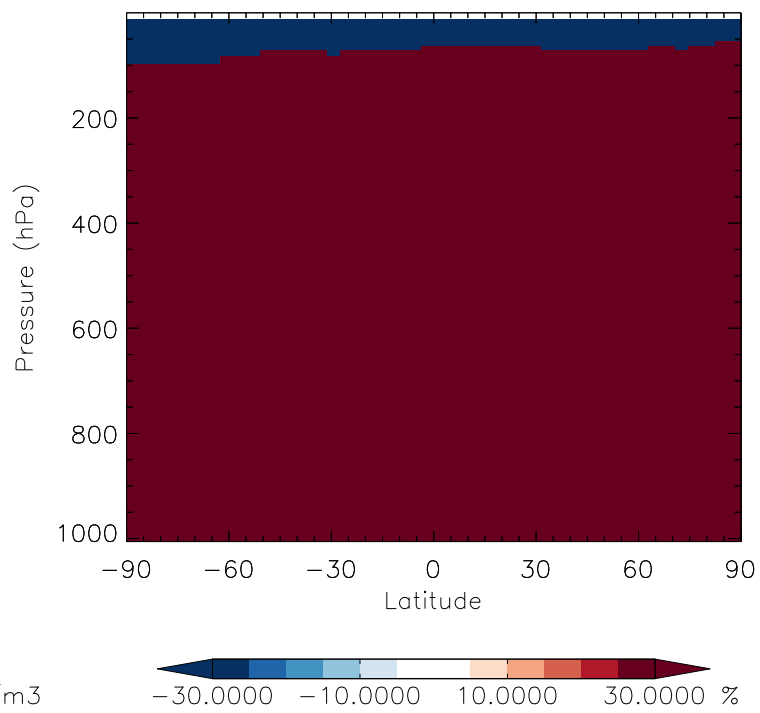
v11-01f-geosfp-Run0 - v11-01b-Run0

SO₄s - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

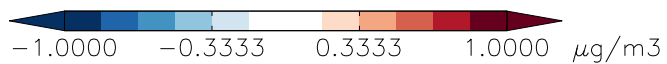
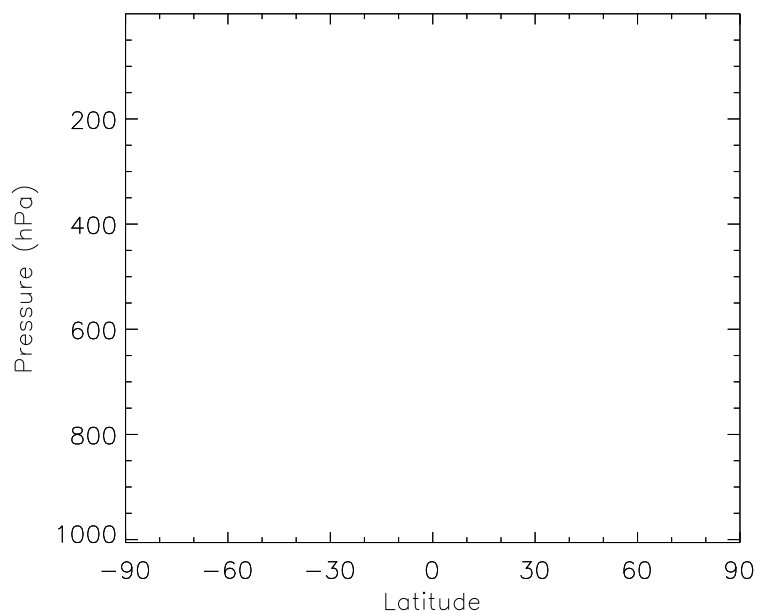
SO₄s - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

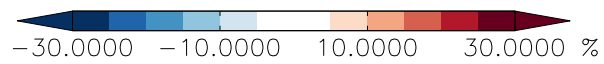
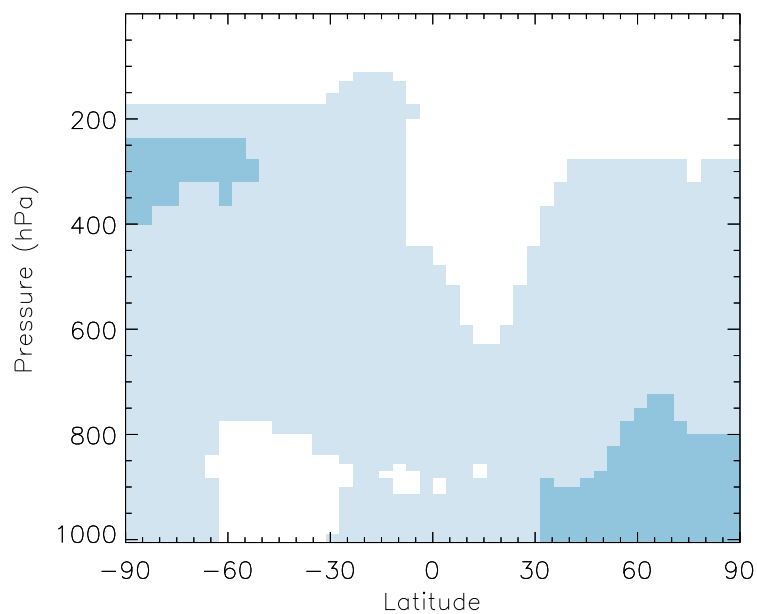
v11-01f-geosfp-Run0 - v11-01d-Run1

MSA - Zonal mean abs diff for Jan



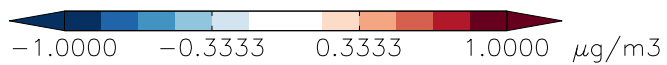
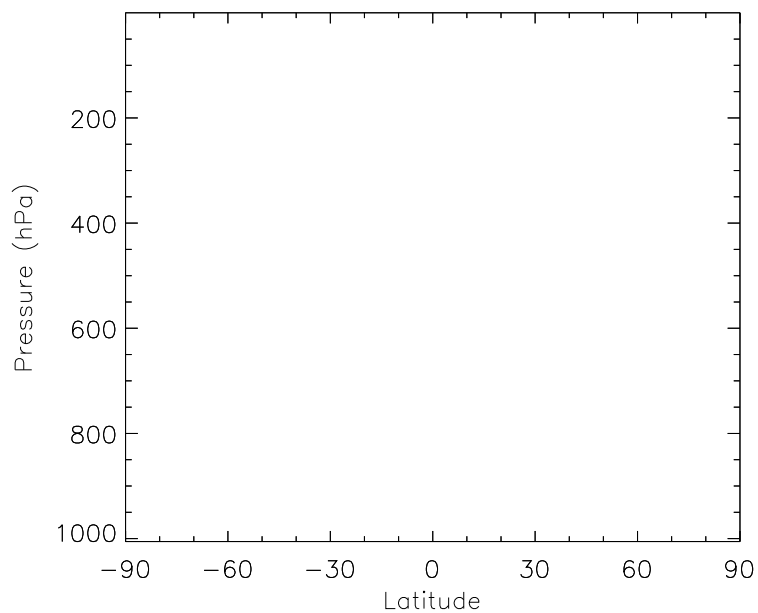
v11-01f-geosfp-Run0 / v11-01d-Run1

MSA - Zonal mean % diff for Jan



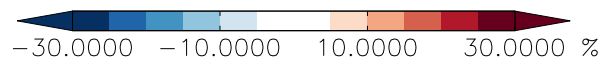
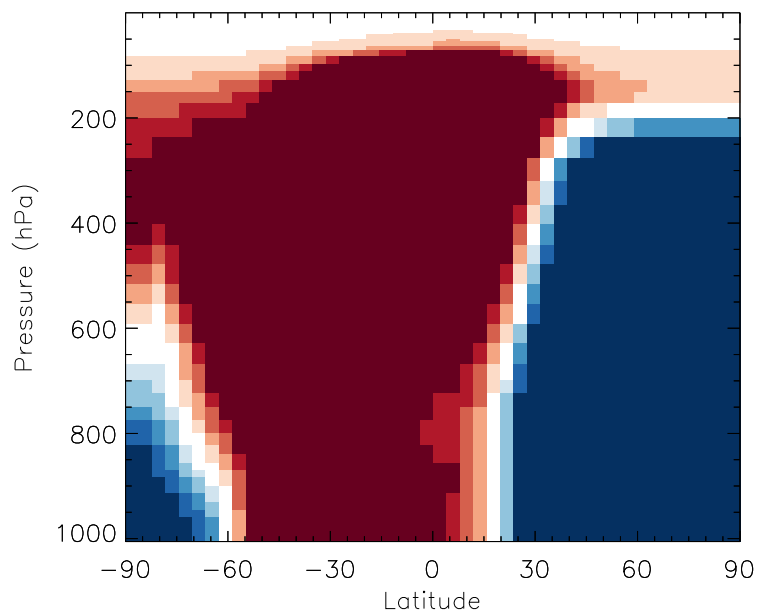
v11-01f-geosfp-Run0 - v11-01b-Run0

MSA - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

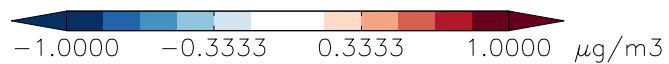
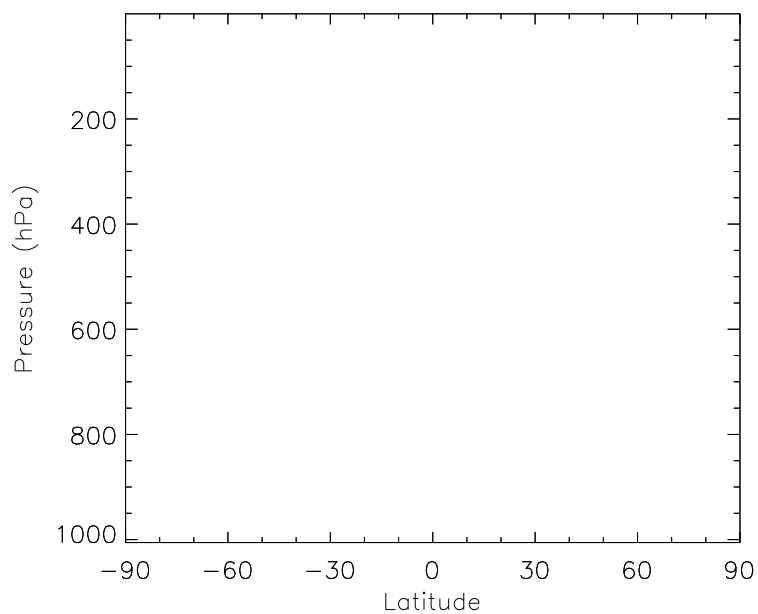
MSA - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

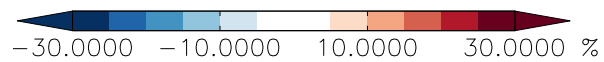
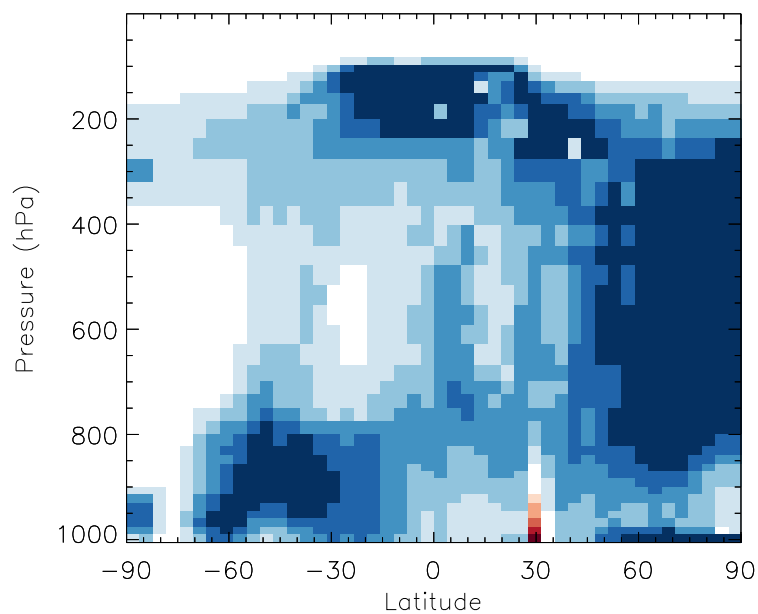
v11-01f-geosfp-Run0 - v11-01d-Run1

NH₃ - Zonal mean abs diff for Jan



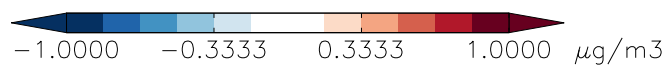
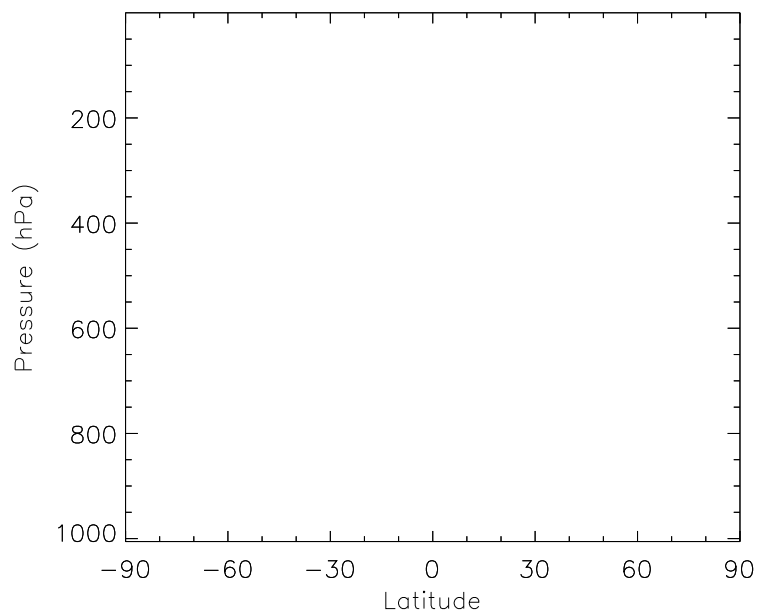
v11-01f-geosfp-Run0 / v11-01d-Run1

NH₃ - Zonal mean % diff for Jan



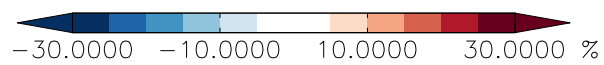
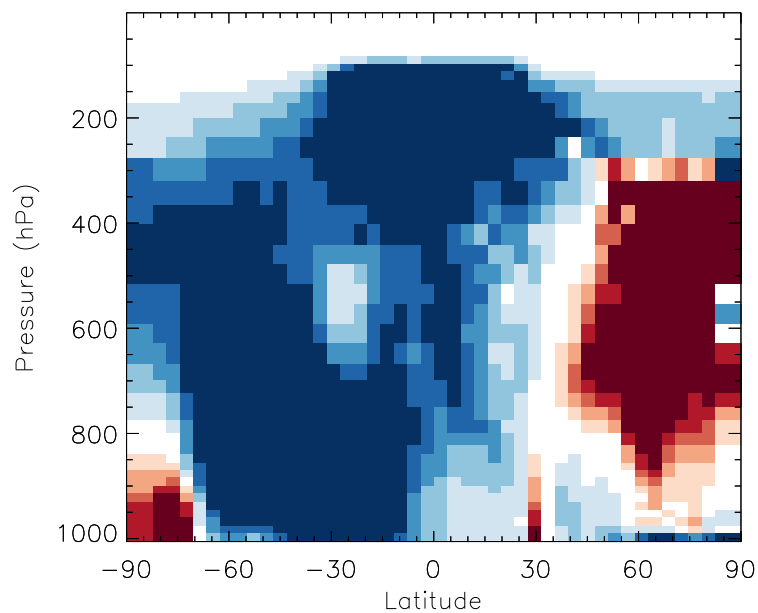
v11-01f-geosfp-Run0 - v11-01b-Run0

NH₃ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

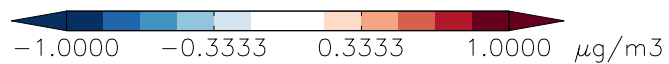
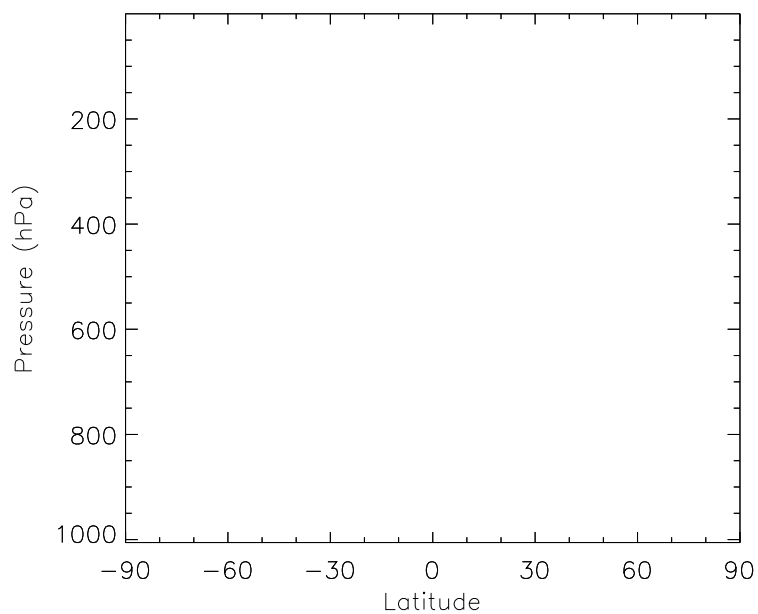
NH₃ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

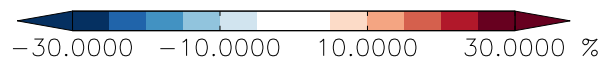
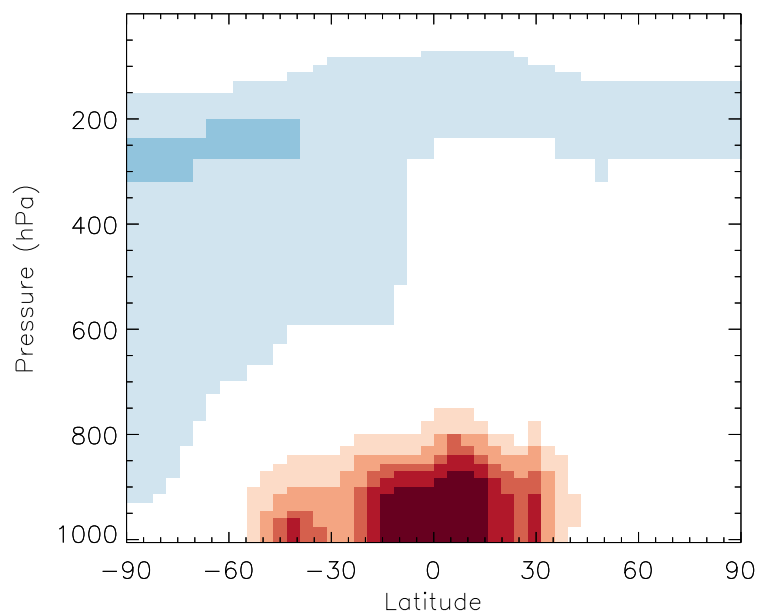
v11-01f-geosfp-Run0 - v11-01d-Run1

NH4 - Zonal mean abs diff for Jan



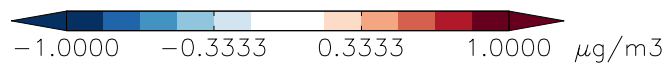
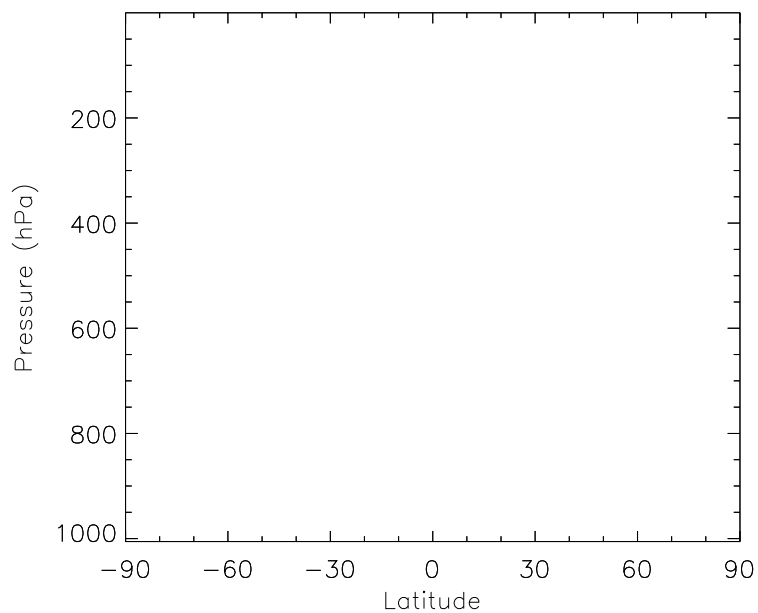
v11-01f-geosfp-Run0 / v11-01d-Run1

NH4 - Zonal mean % diff for Jan



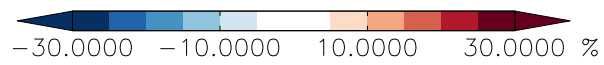
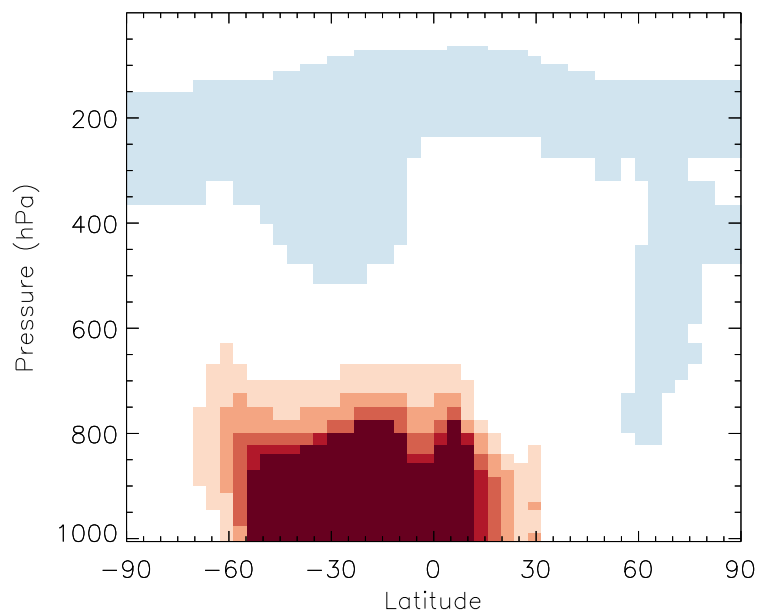
v11-01f-geosfp-Run0 - v11-01b-Run0

NH4 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

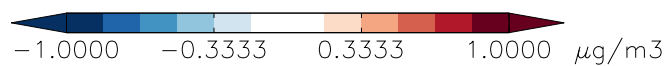
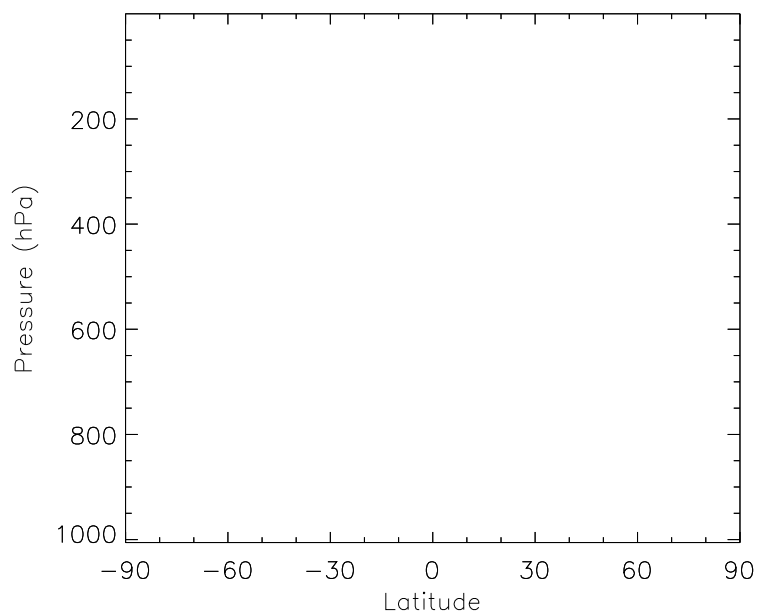
NH4 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

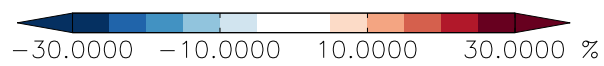
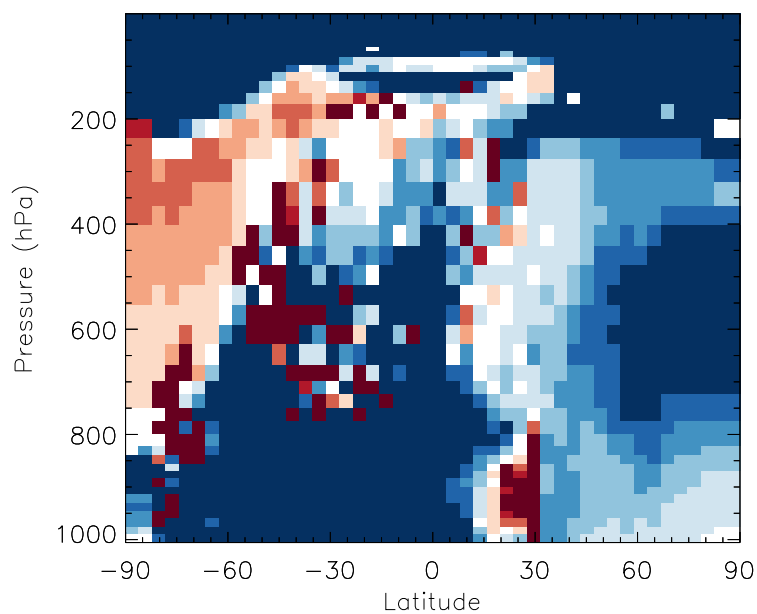
v11-01f-geosfp-Run0 - v11-01d-Run1

NIT - Zonal mean abs diff for Jan



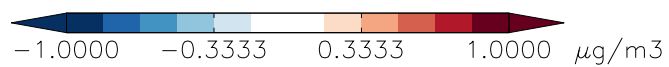
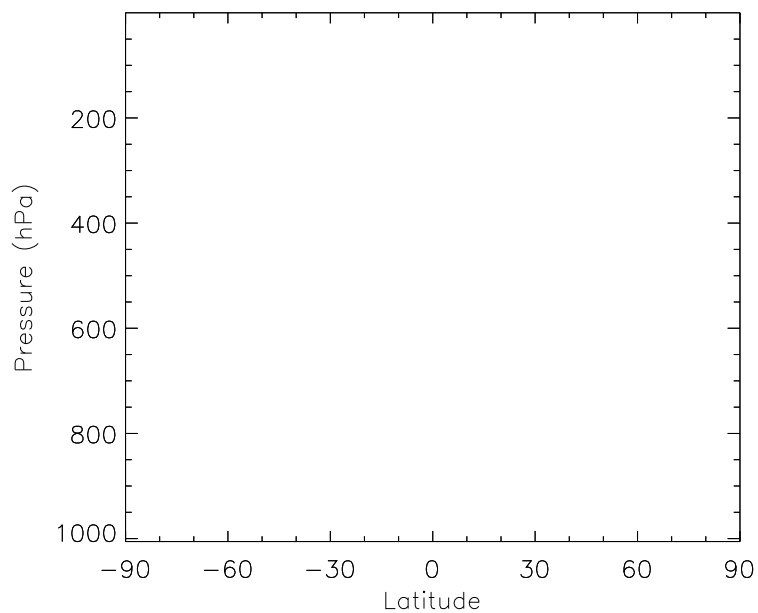
v11-01f-geosfp-Run0 / v11-01d-Run1

NIT - Zonal mean % diff for Jan



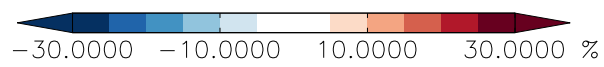
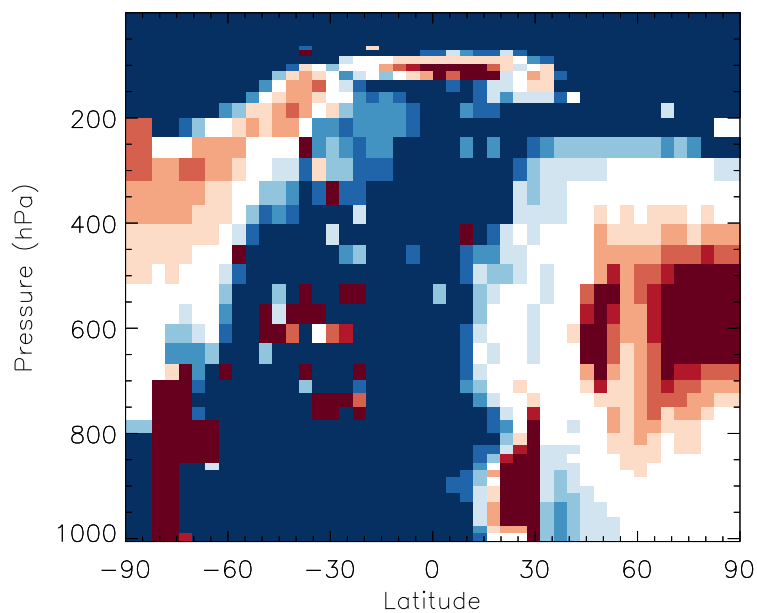
v11-01f-geosfp-Run0 - v11-01b-Run0

NIT - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

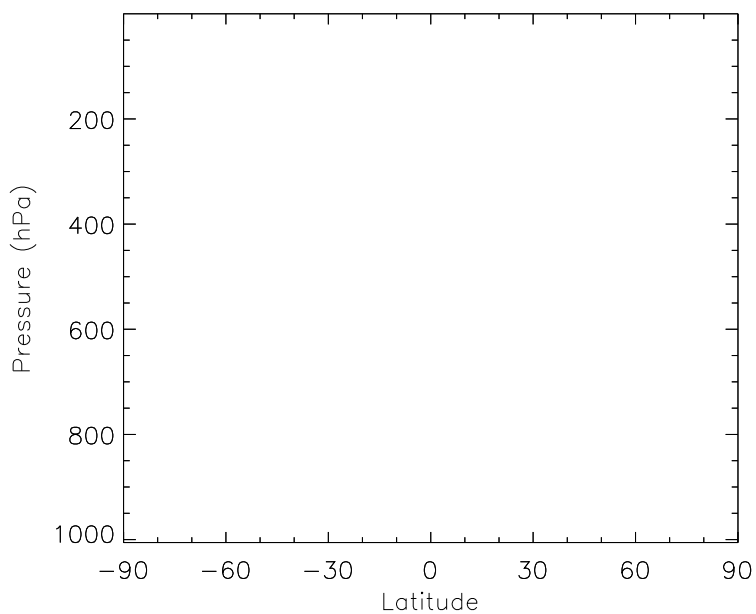
NIT - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

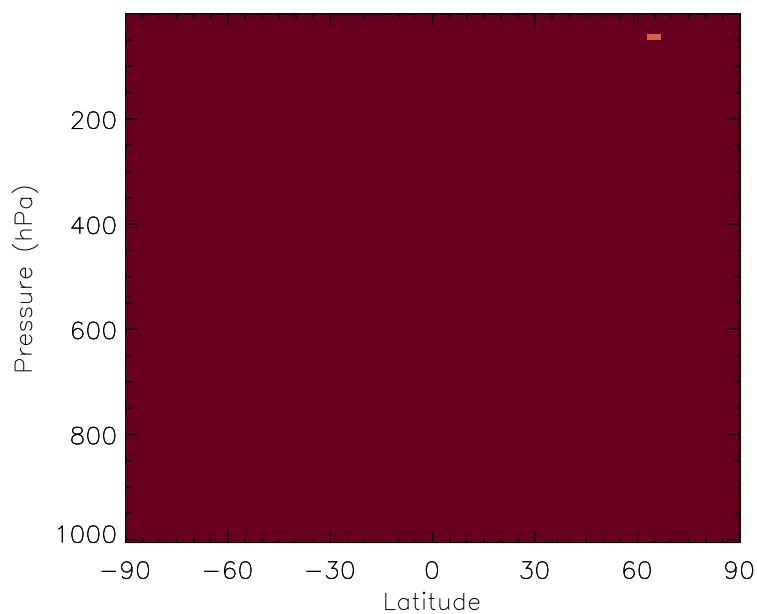
v11-01f-geosfp-Run0 - v11-01d-Run1

NITs - Zonal mean abs diff for Jan



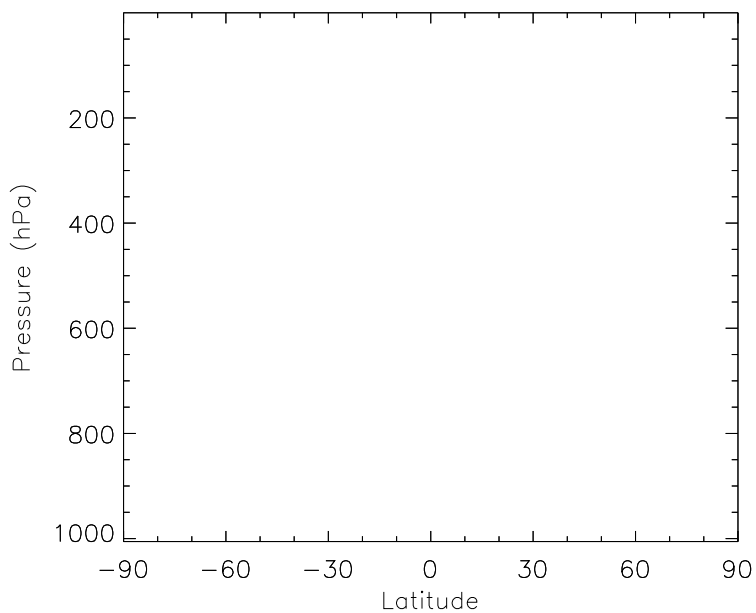
v11-01f-geosfp-Run0 / v11-01d-Run1

NITs - Zonal mean % diff for Jan



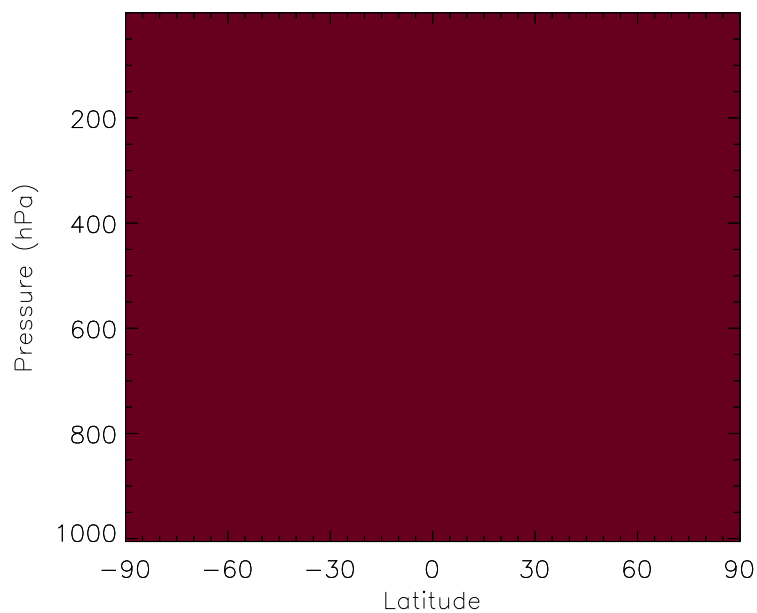
v11-01f-geosfp-Run0 - v11-01b-Run0

NITs - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

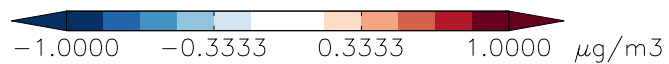
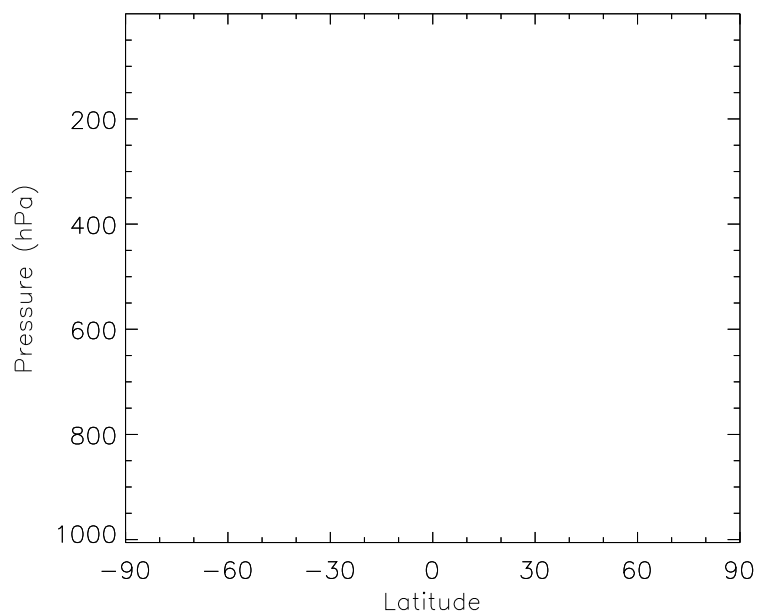
NITs - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

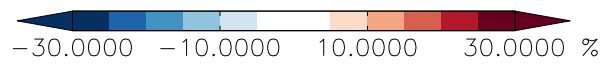
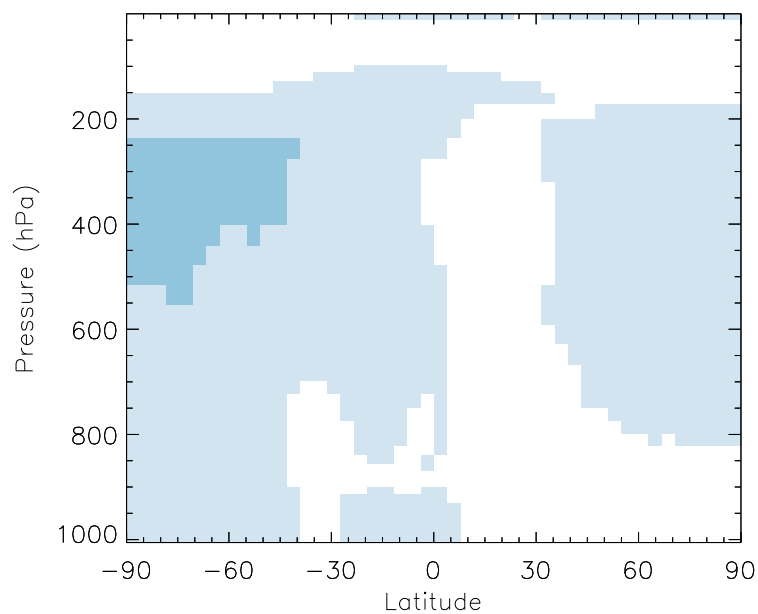
v11-01f-geosfp-Run0 - v11-01d-Run1

BCPI - Zonal mean abs diff for Jan



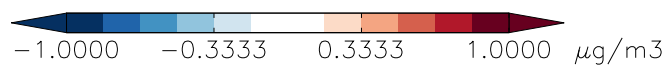
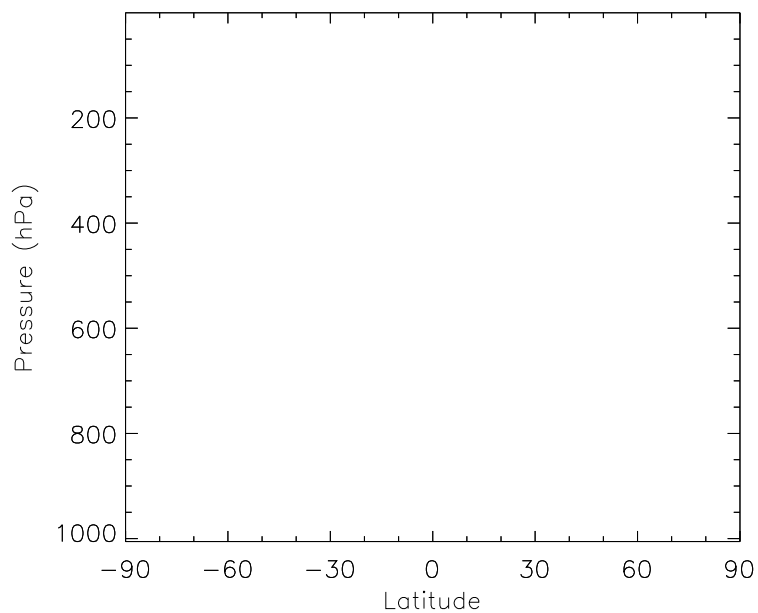
v11-01f-geosfp-Run0 / v11-01d-Run1

BCPI - Zonal mean % diff for Jan



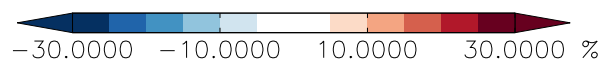
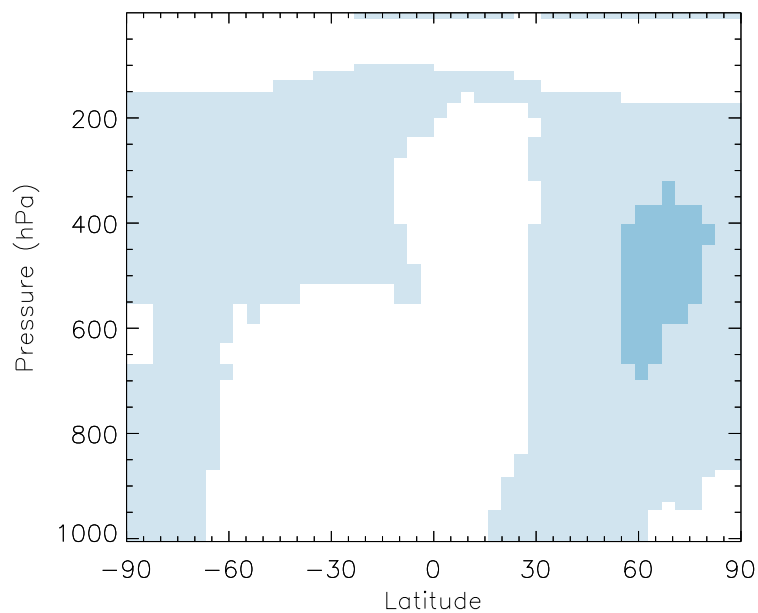
v11-01f-geosfp-Run0 - v11-01b-Run0

BCPI - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

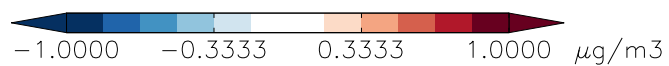
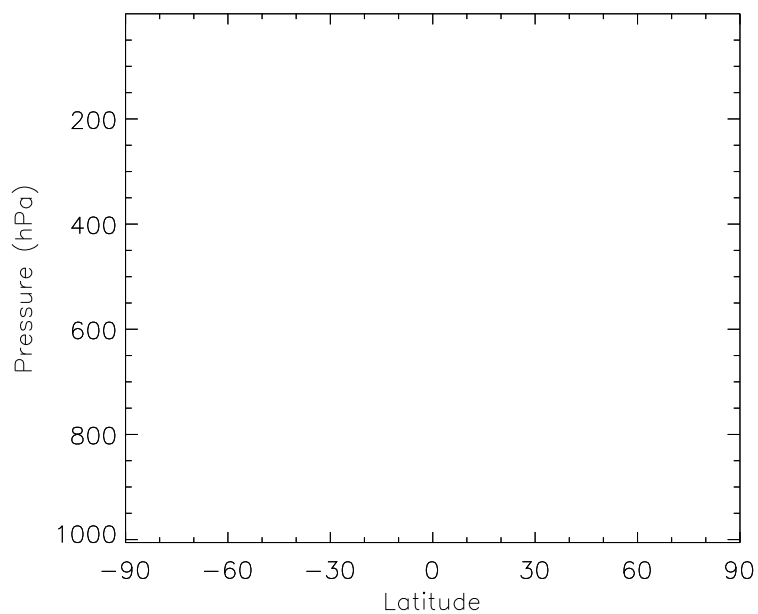
BCPI - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

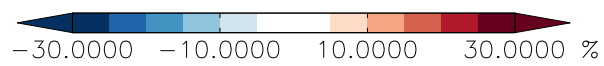
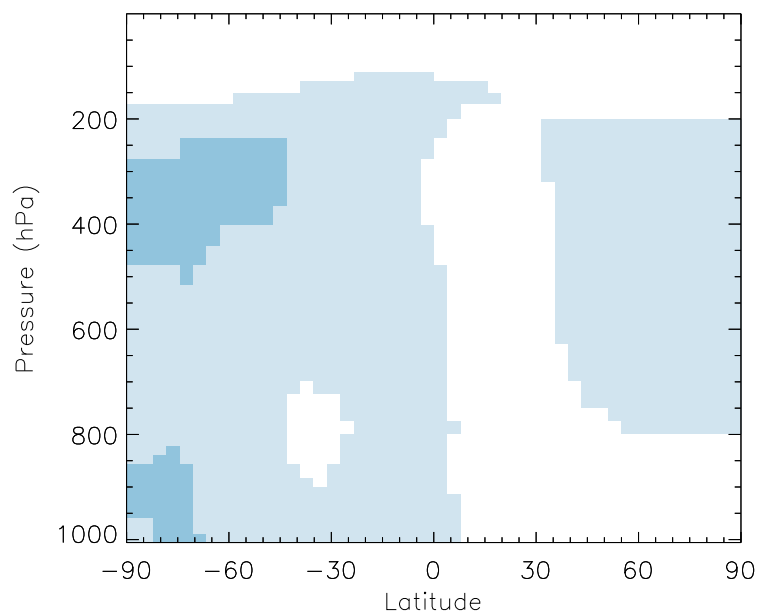
v11-01f-geosfp-Run0 - v11-01d-Run1

OCPI - Zonal mean abs diff for Jan



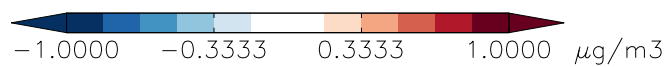
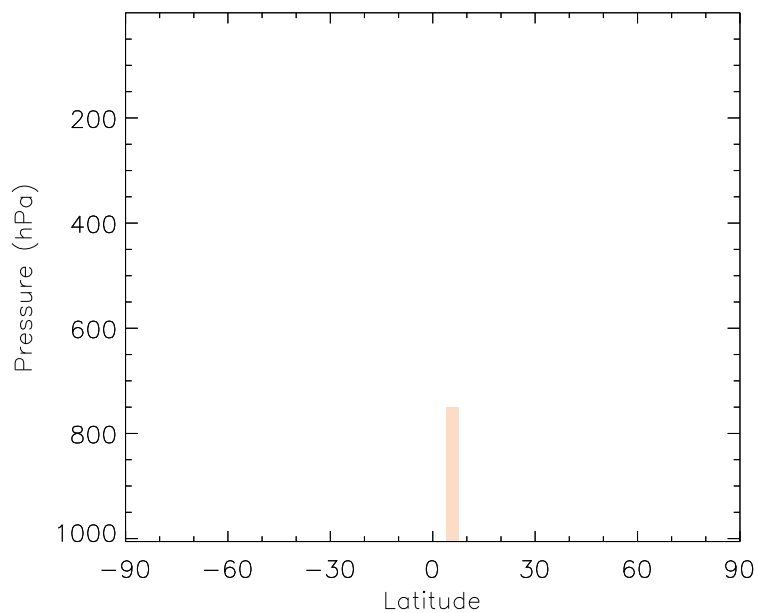
v11-01f-geosfp-Run0 / v11-01d-Run1

OCPI - Zonal mean % diff for Jan



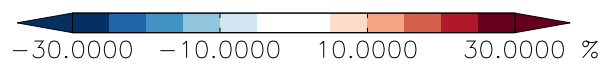
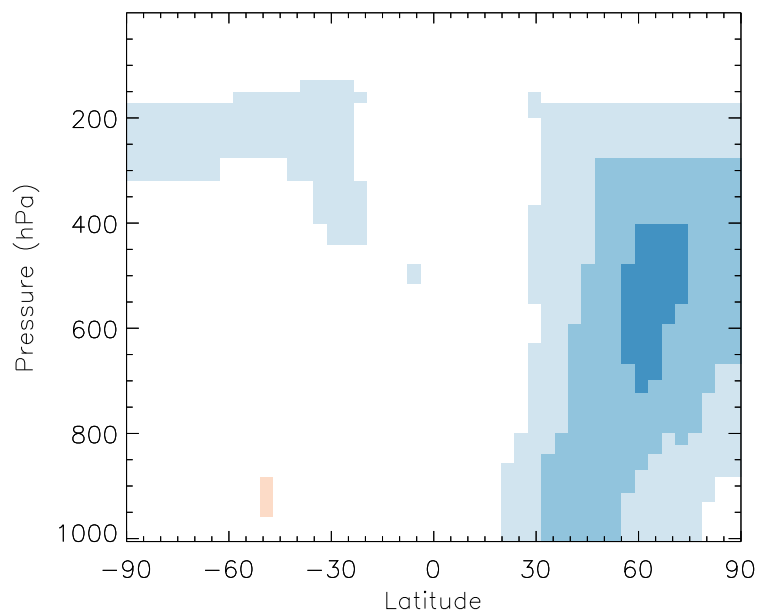
v11-01f-geosfp-Run0 - v11-01b-Run0

OCPI - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

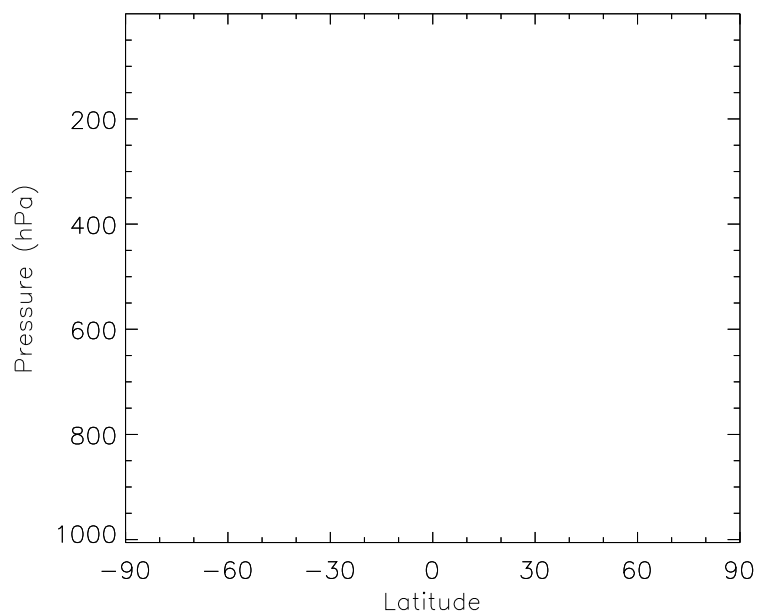
OCPI - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

v11-01f-geosfp-Run0 - v11-01d-Run1

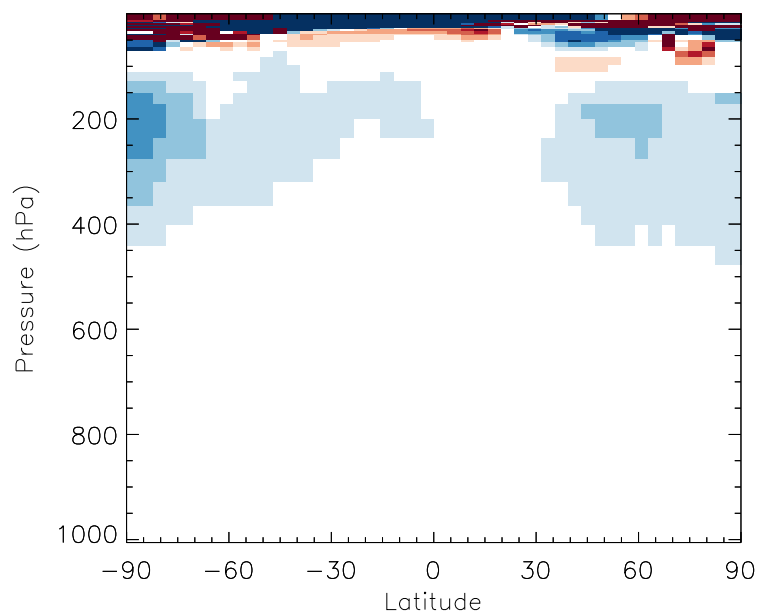
BCPO - Zonal mean abs diff for Jan



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

v11-01f-geosfp-Run0 / v11-01d-Run1

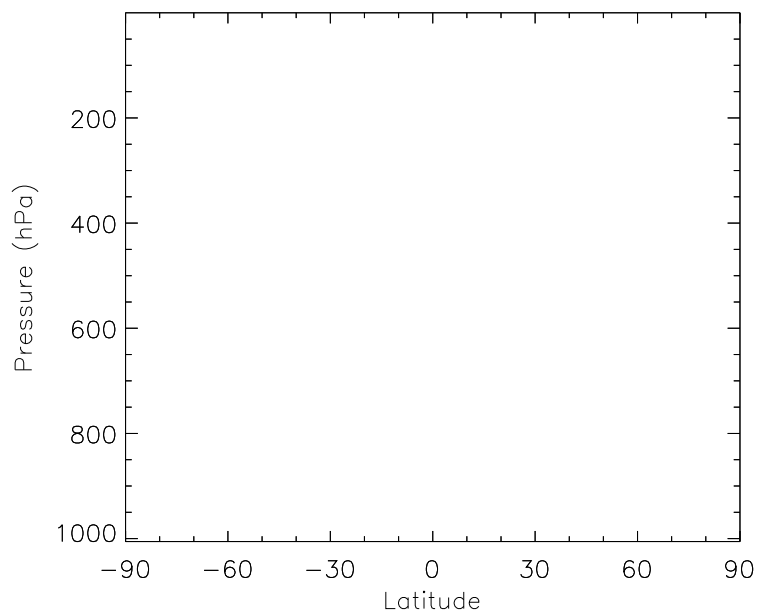
BCPO - Zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

v11-01f-geosfp-Run0 - v11-01b-Run0

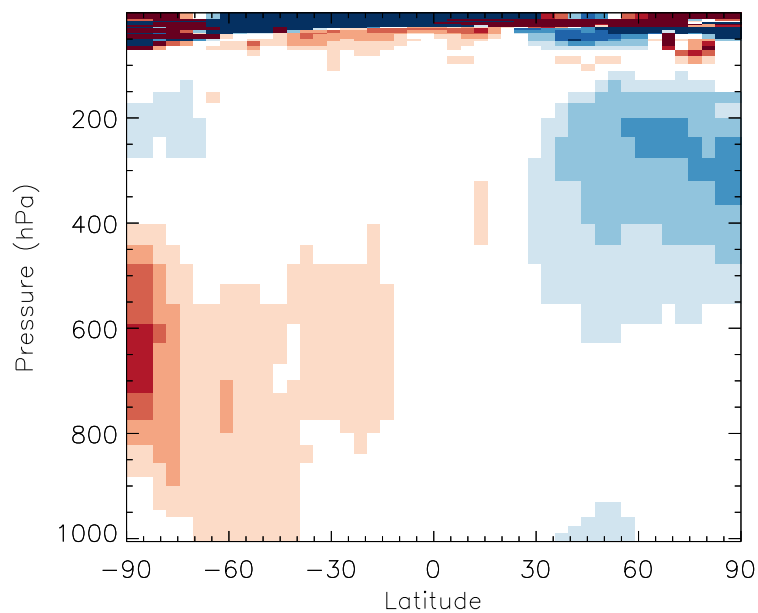
BCPO - Zonal mean abs diff for Jan



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

v11-01f-geosfp-Run0 / v11-01b-Run0

BCPO - Zonal mean % diff for Jan

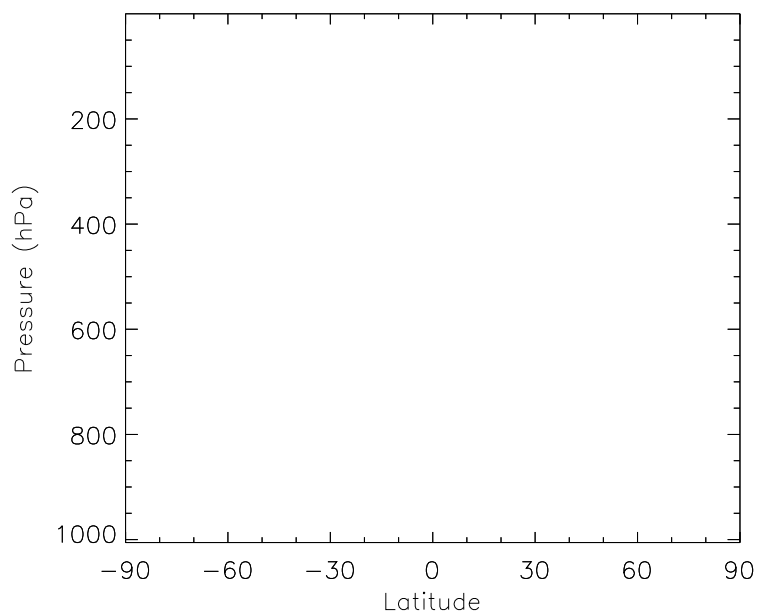


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

v11-01f-geosfp-Run0 - v11-01d-Run1

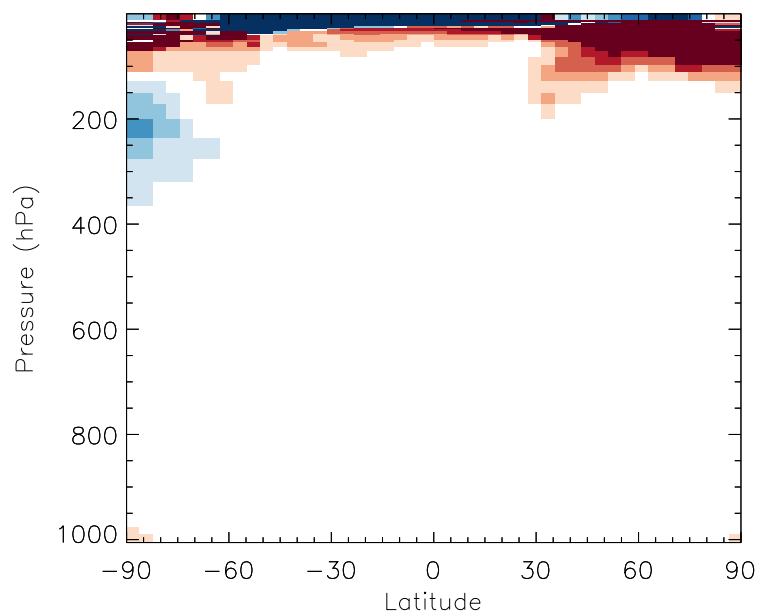
OCPO - Zonal mean abs diff for Jan



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

v11-01f-geosfp-Run0 / v11-01d-Run1

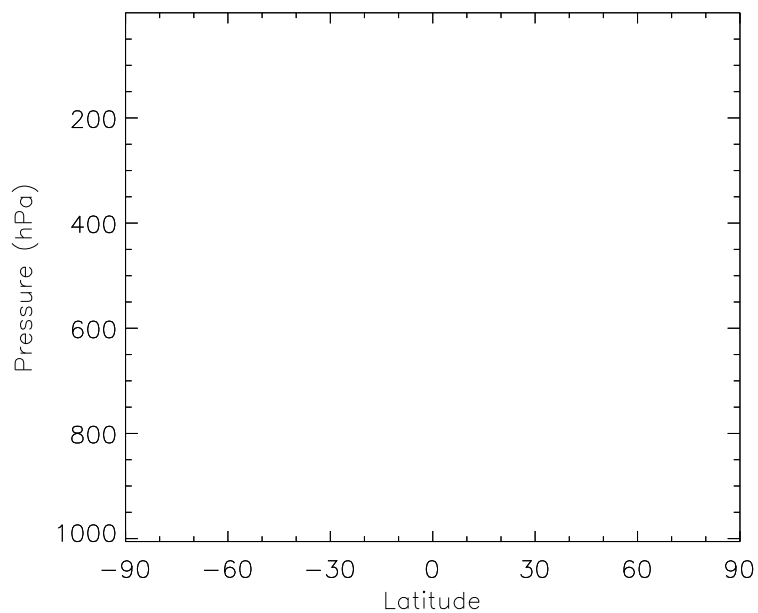
OCPO - Zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

v11-01f-geosfp-Run0 - v11-01b-Run0

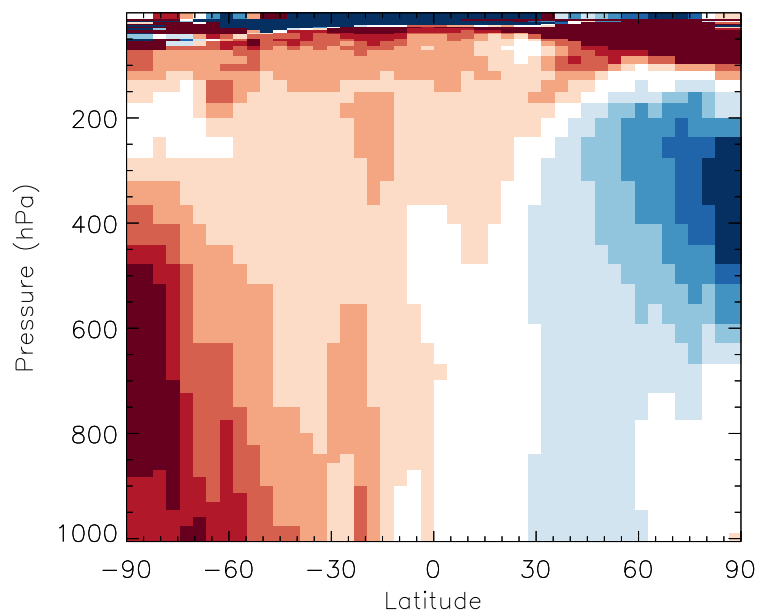
OCPO - Zonal mean abs diff for Jan



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

v11-01f-geosfp-Run0 / v11-01b-Run0

OCPO - Zonal mean % diff for Jan

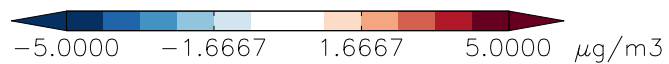
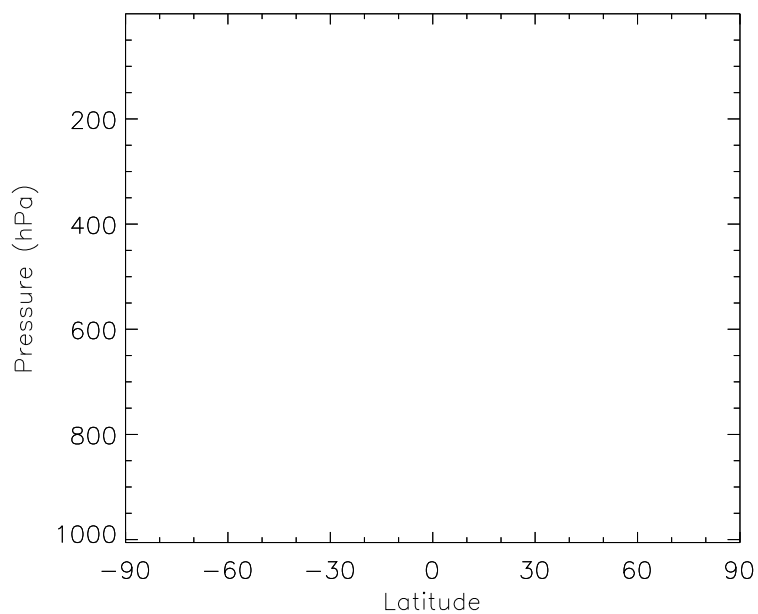


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

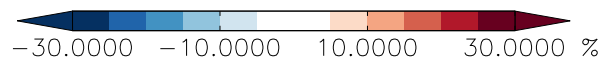
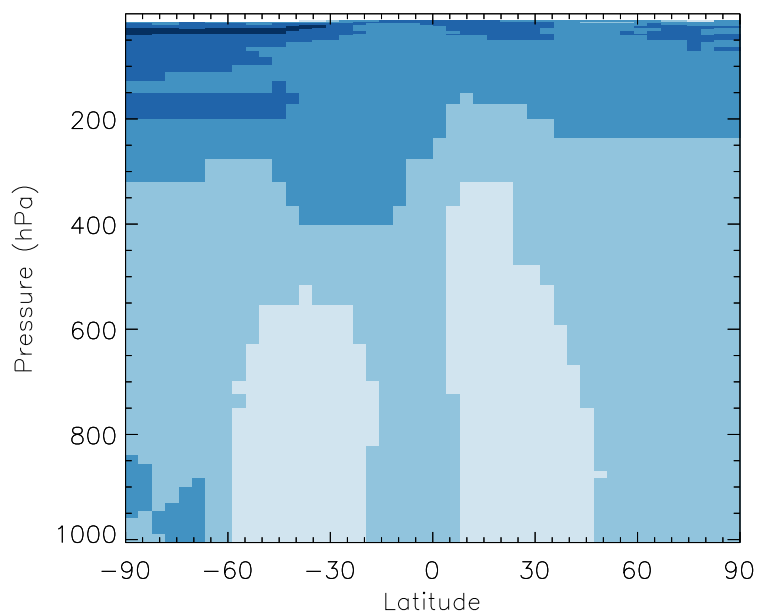
v11-01f-geosfp-Run0 - v11-01d-Run1

DST1 - Zonal mean abs diff for Jan



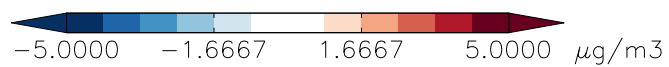
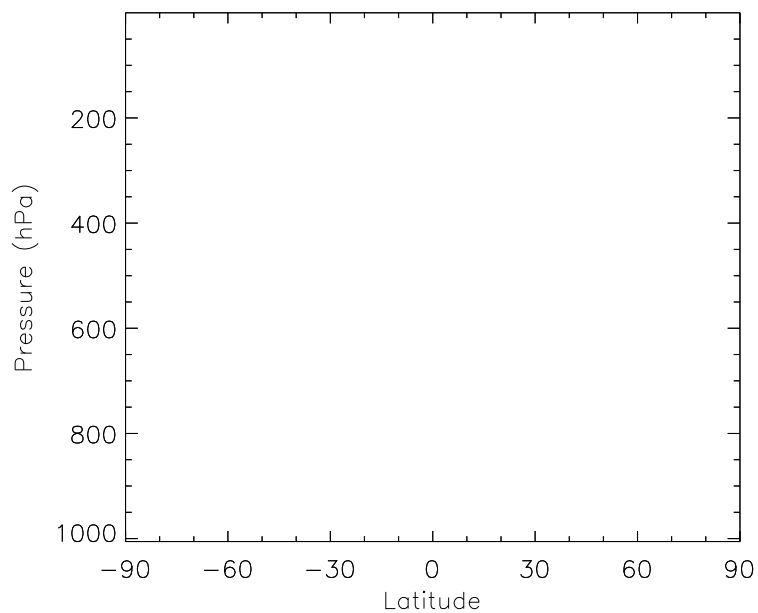
v11-01f-geosfp-Run0 / v11-01d-Run1

DST1 - Zonal mean % diff for Jan



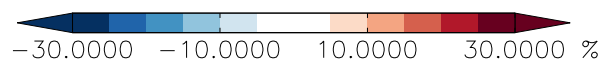
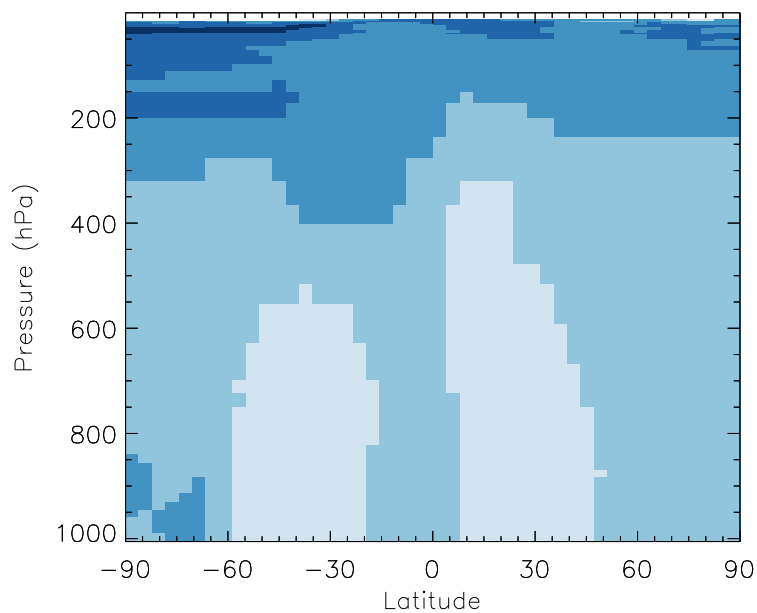
v11-01f-geosfp-Run0 - v11-01b-Run0

DST1 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

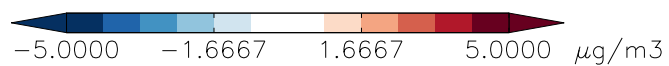
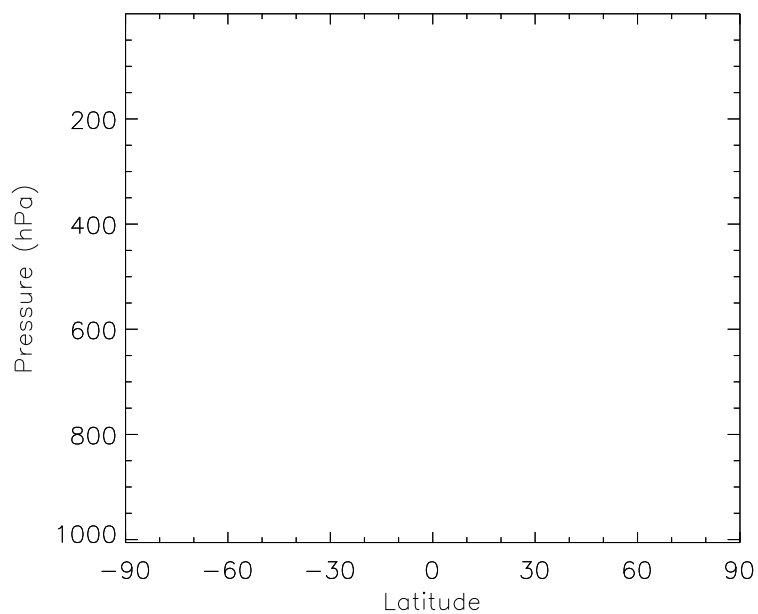
DST1 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

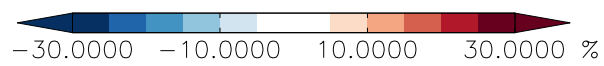
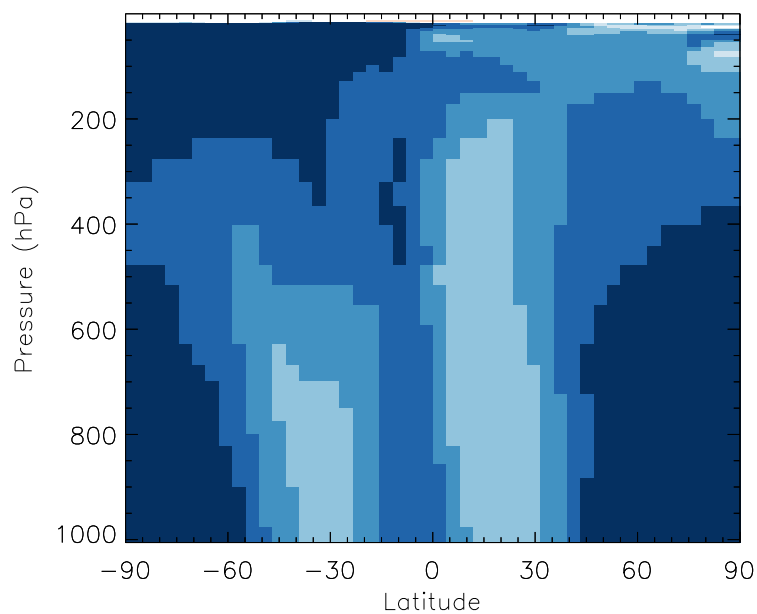
v11-01f-geosfp-Run0 - v11-01d-Run1

DST2 - Zonal mean abs diff for Jan



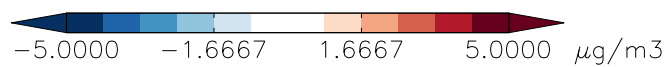
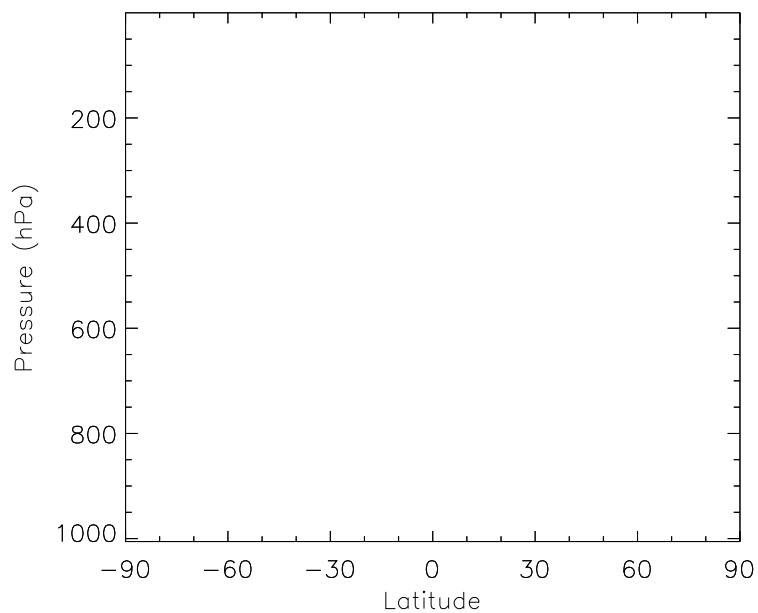
v11-01f-geosfp-Run0 / v11-01d-Run1

DST2 - Zonal mean % diff for Jan



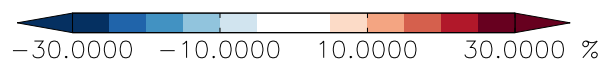
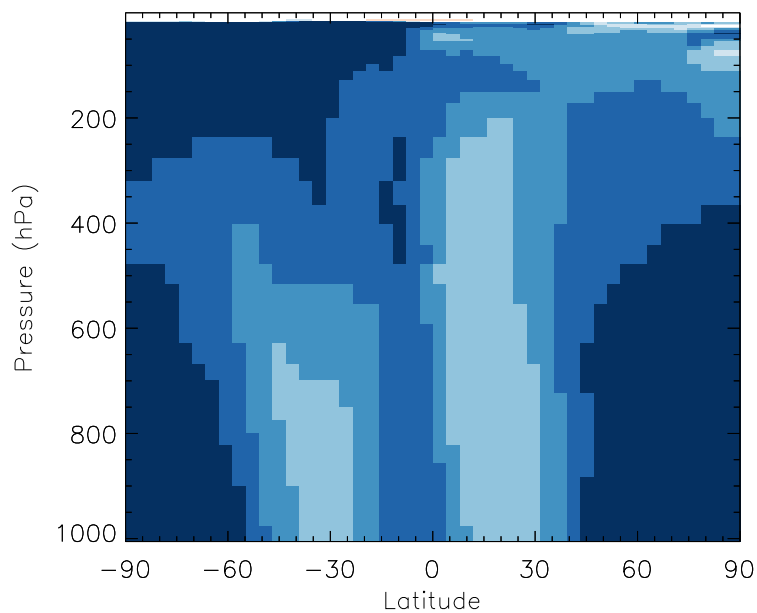
v11-01f-geosfp-Run0 - v11-01b-Run0

DST2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

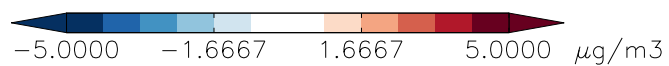
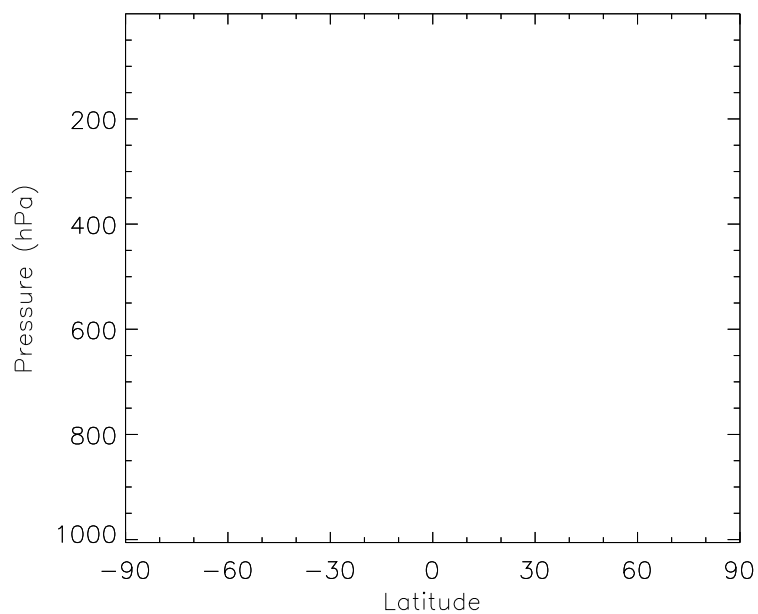
DST2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

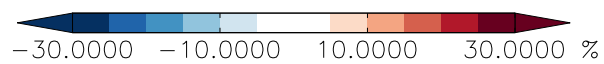
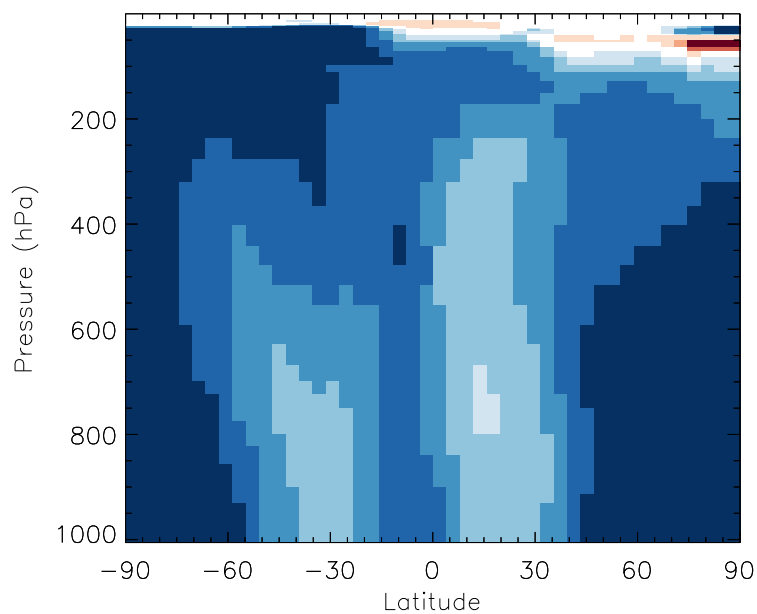
v11-01f-geosfp-Run0 - v11-01d-Run1

DST3 - Zonal mean abs diff for Jan



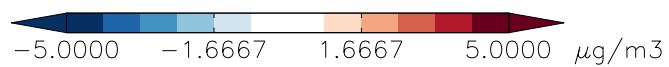
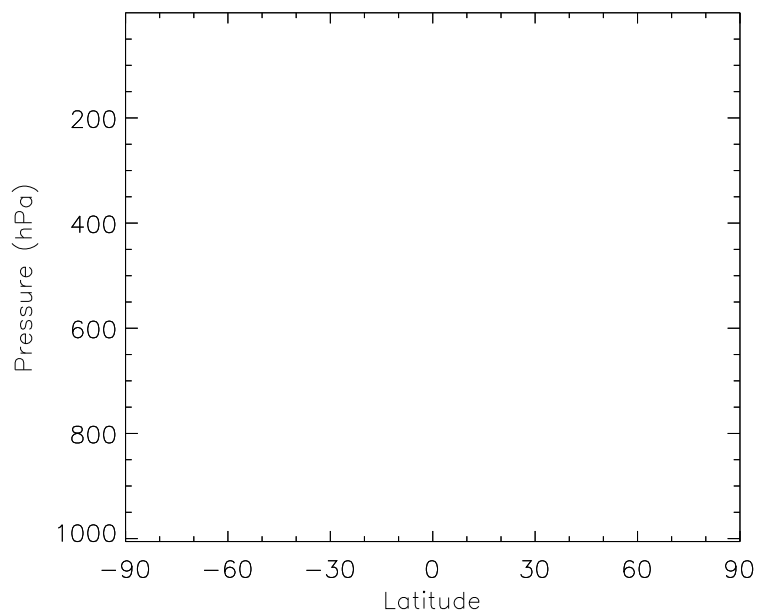
v11-01f-geosfp-Run0 / v11-01d-Run1

DST3 - Zonal mean % diff for Jan



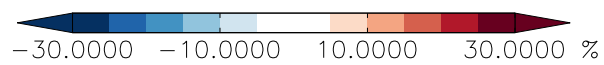
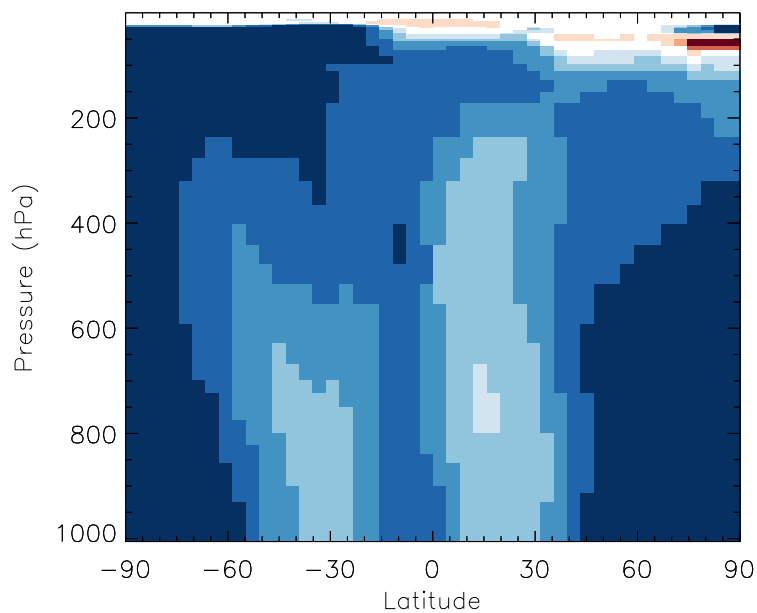
v11-01f-geosfp-Run0 - v11-01b-Run0

DST3 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

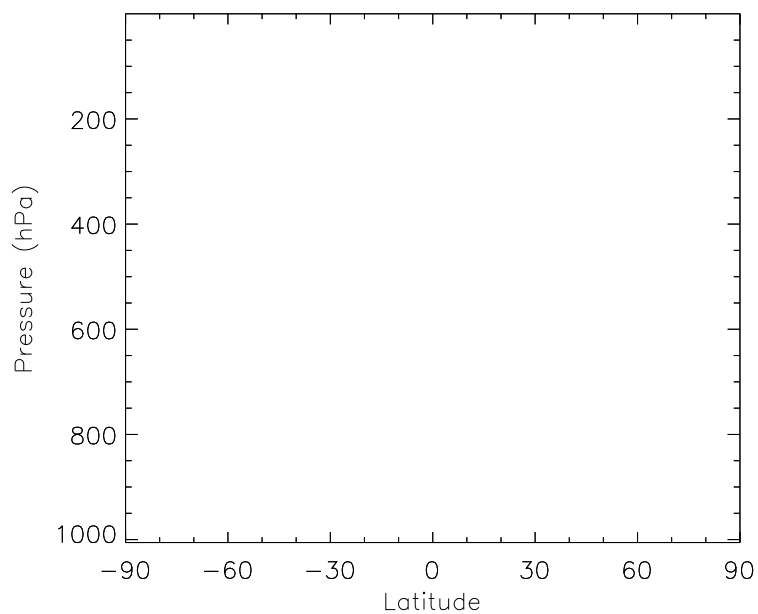
DST3 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

v11-01f-geosfp-Run0 - v11-01d-Run1

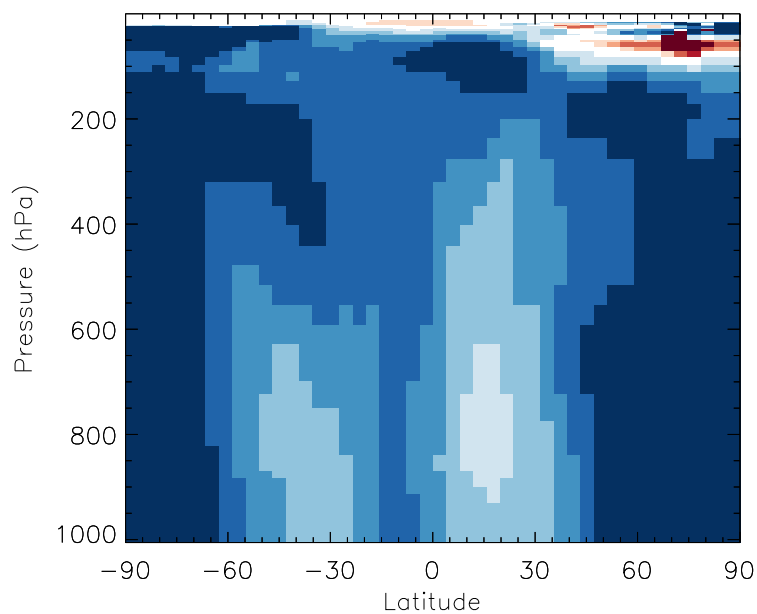
DST4 - Zonal mean abs diff for Jan



-5.0000 -1.6667 1.6667 5.0000 $\mu\text{g}/\text{m}^3$

v11-01f-geosfp-Run0 / v11-01d-Run1

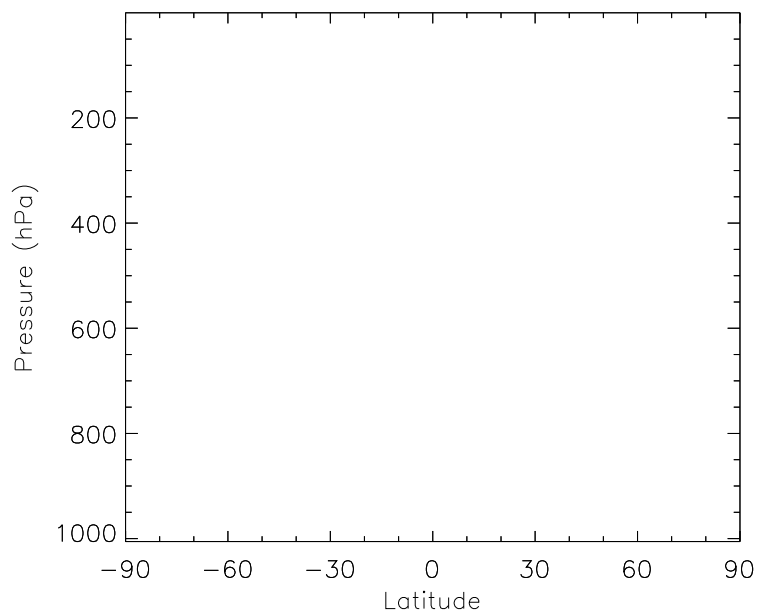
DST4 - Zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

v11-01f-geosfp-Run0 - v11-01b-Run0

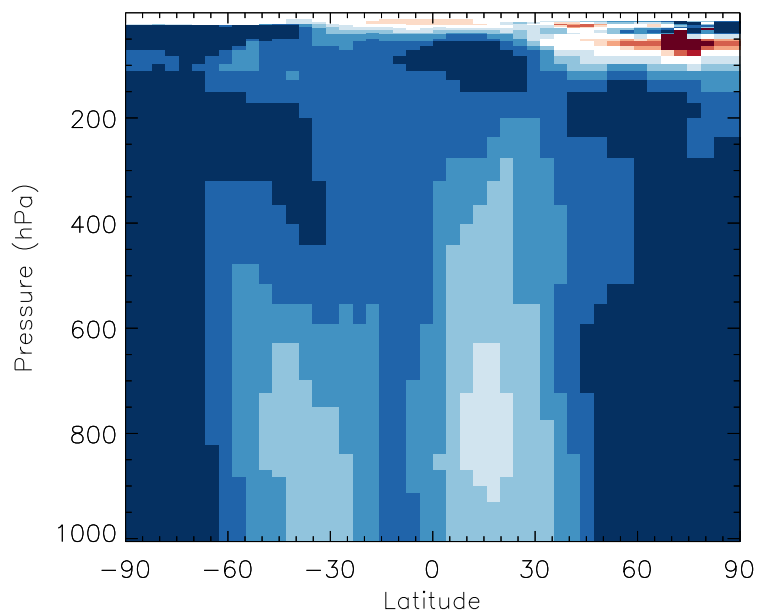
DST4 - Zonal mean abs diff for Jan



-5.0000 -1.6667 1.6667 5.0000 $\mu\text{g}/\text{m}^3$

v11-01f-geosfp-Run0 / v11-01b-Run0

DST4 - Zonal mean % diff for Jan

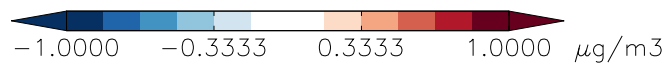
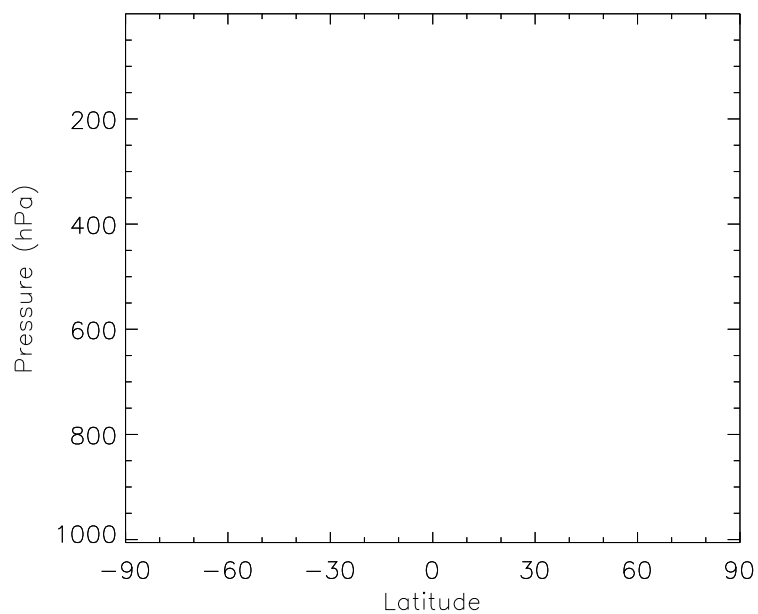


-30.0000 -10.0000 10.0000 30.0000 %

GEOS-Chem Zonal Difference Maps

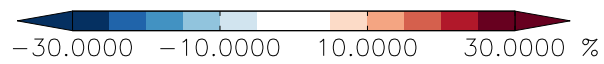
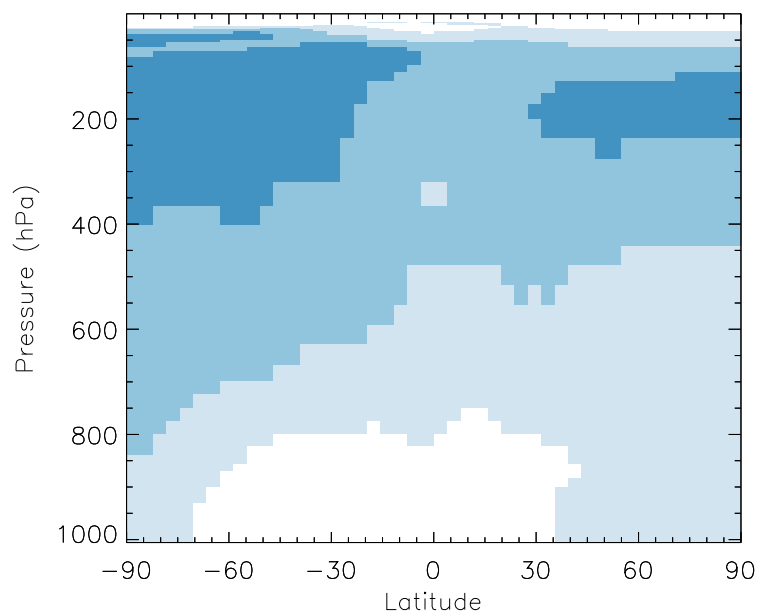
v11-01f-geosfp-Run0 - v11-01d-Run1

SALA - Zonal mean abs diff for Jan



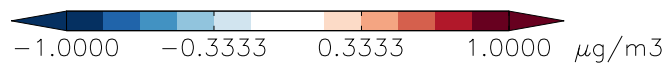
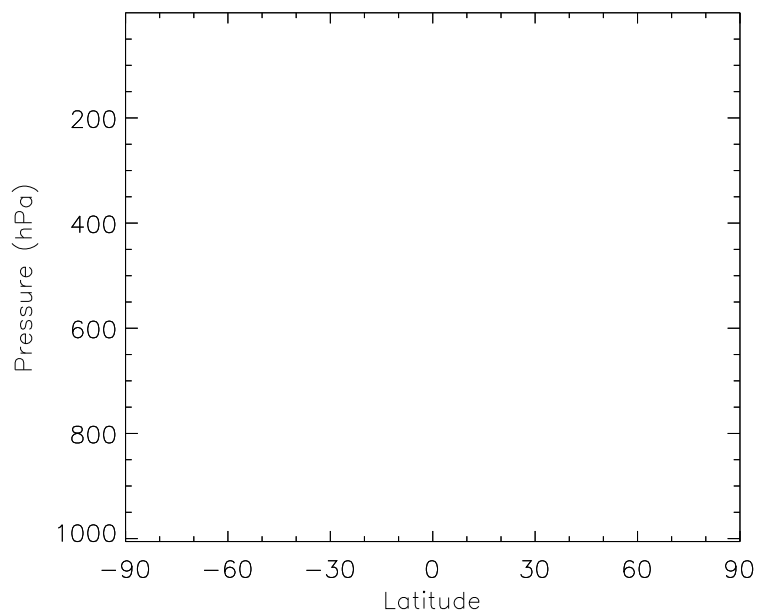
v11-01f-geosfp-Run0 / v11-01d-Run1

SALA - Zonal mean % diff for Jan



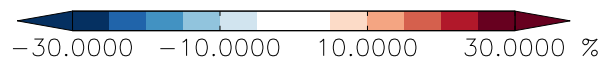
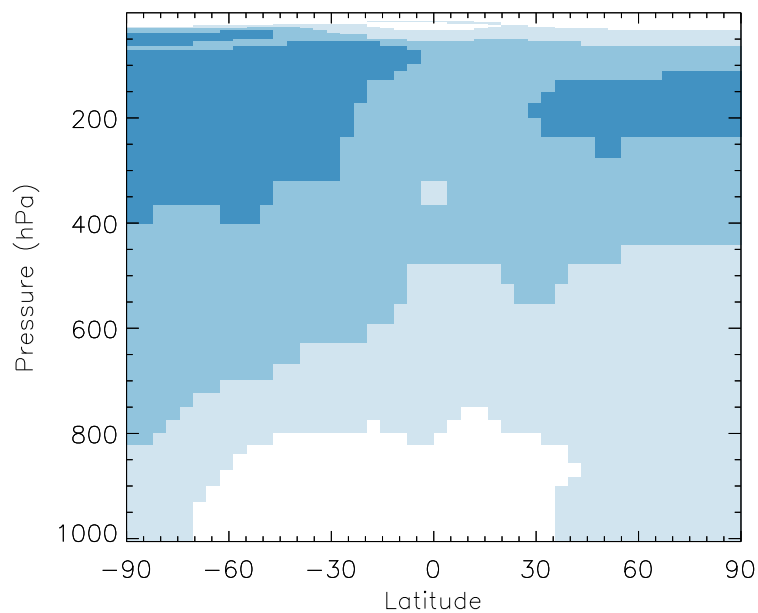
v11-01f-geosfp-Run0 - v11-01b-Run0

SALA - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

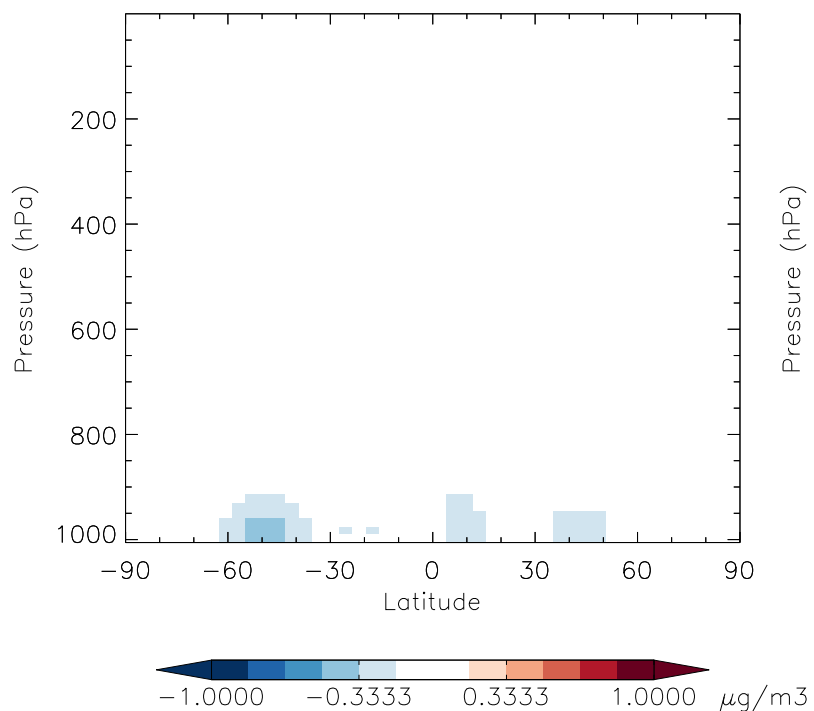
SALA - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

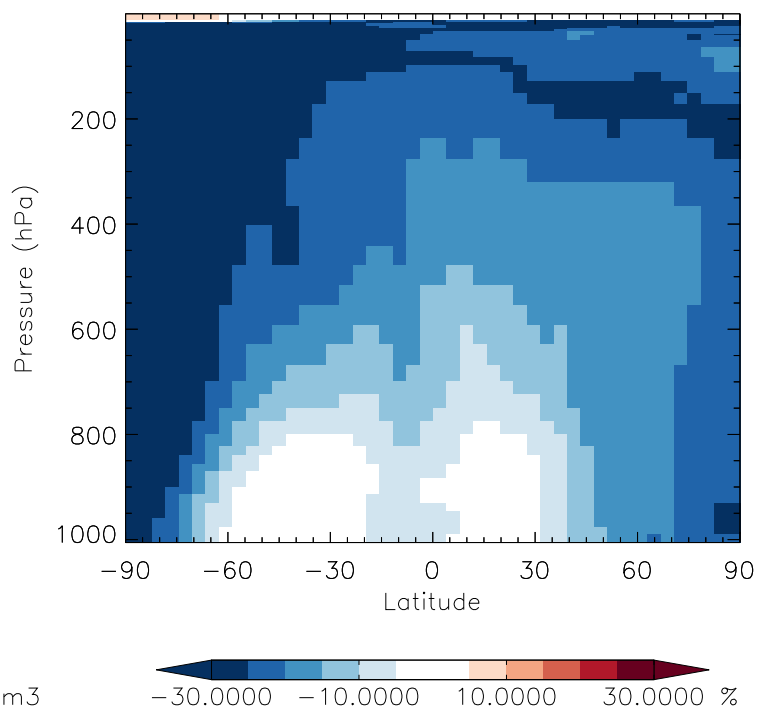
v11-01f-geosfp-Run0 - v11-01d-Run1

SALC - Zonal mean abs diff for Jan



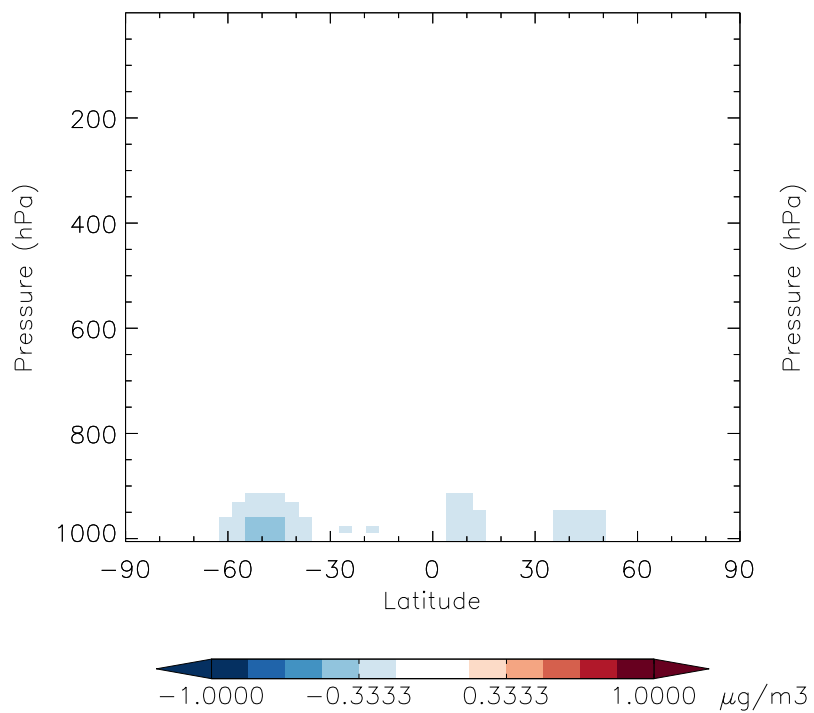
v11-01f-geosfp-Run0 / v11-01d-Run1

SALC - Zonal mean % diff for Jan



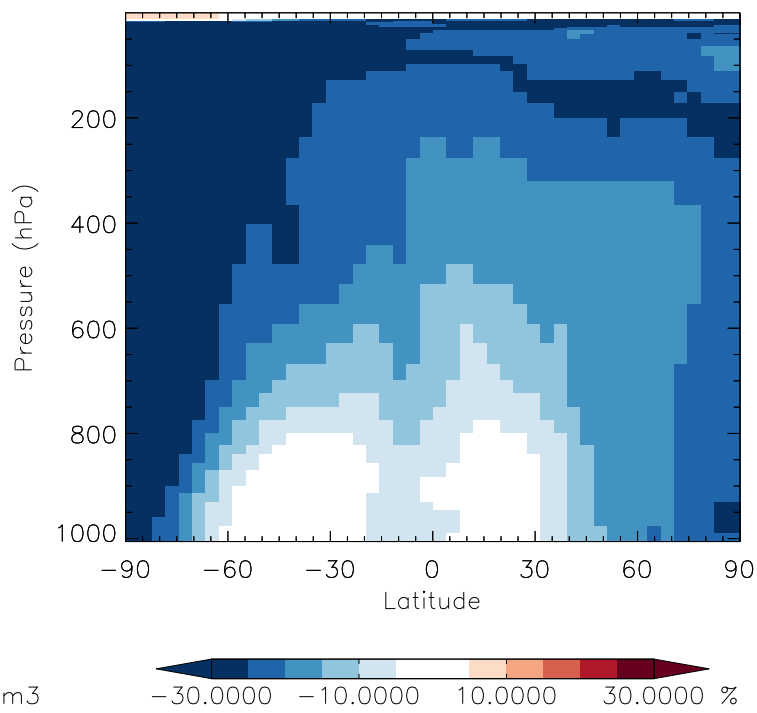
v11-01f-geosfp-Run0 - v11-01b-Run0

SALC - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

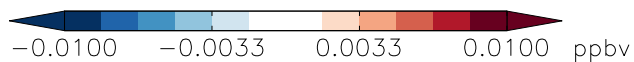
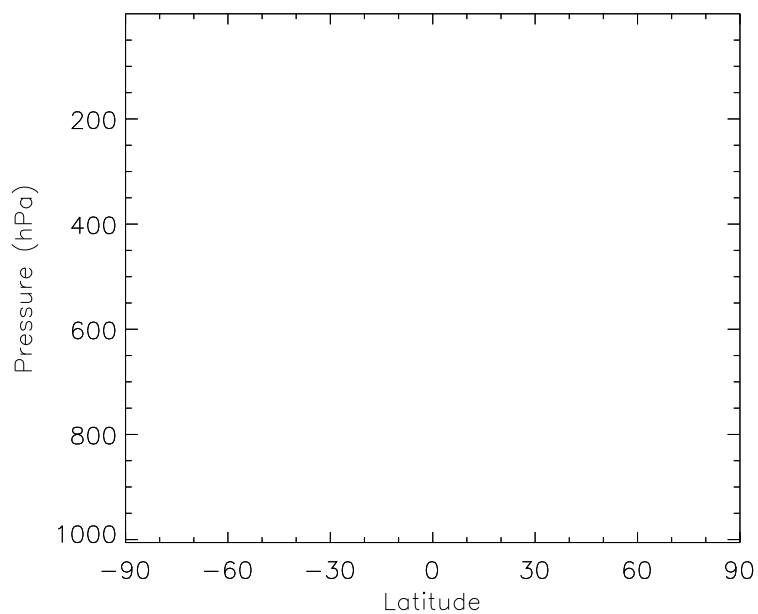
SALC - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

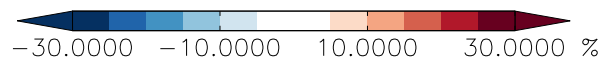
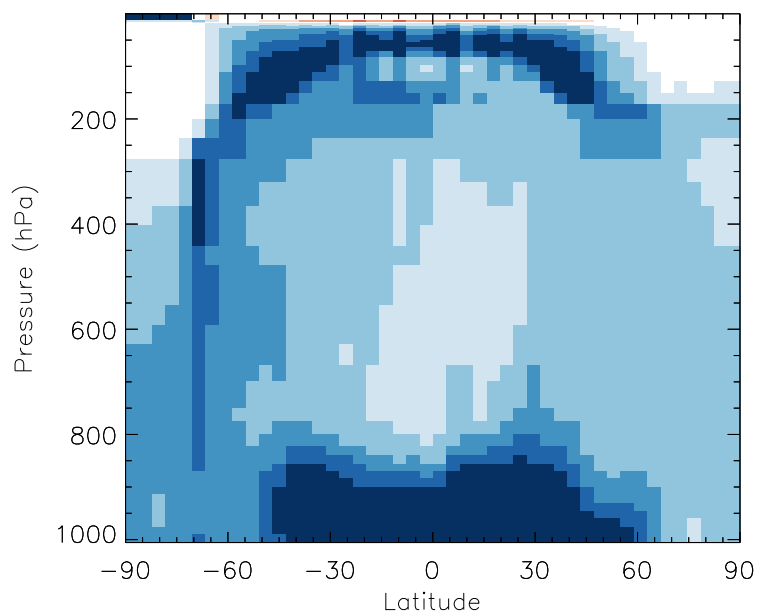
v11-01f-geosfp-Run0 - v11-01d-Run1

Br2 - Zonal mean abs diff for Jan



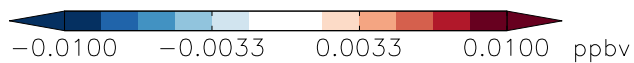
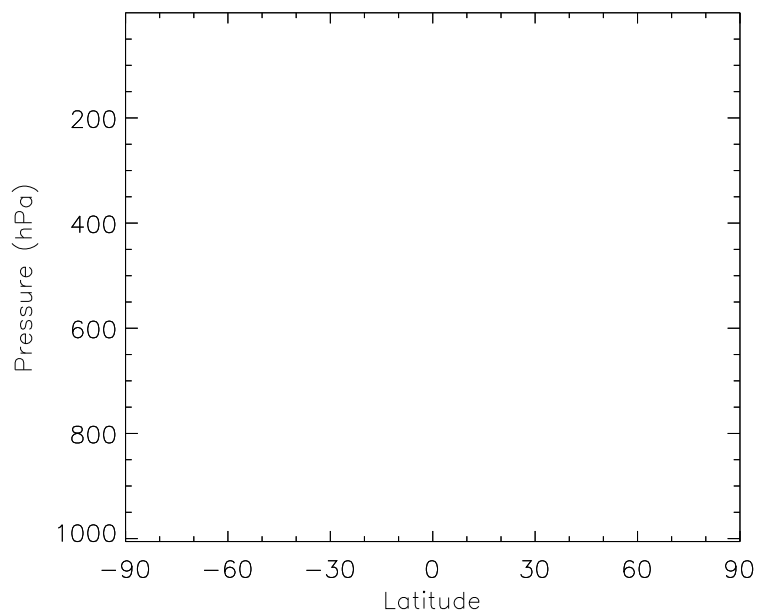
v11-01f-geosfp-Run0 / v11-01d-Run1

Br2 - Zonal mean % diff for Jan



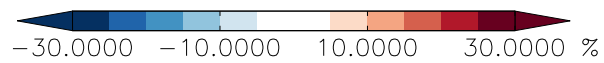
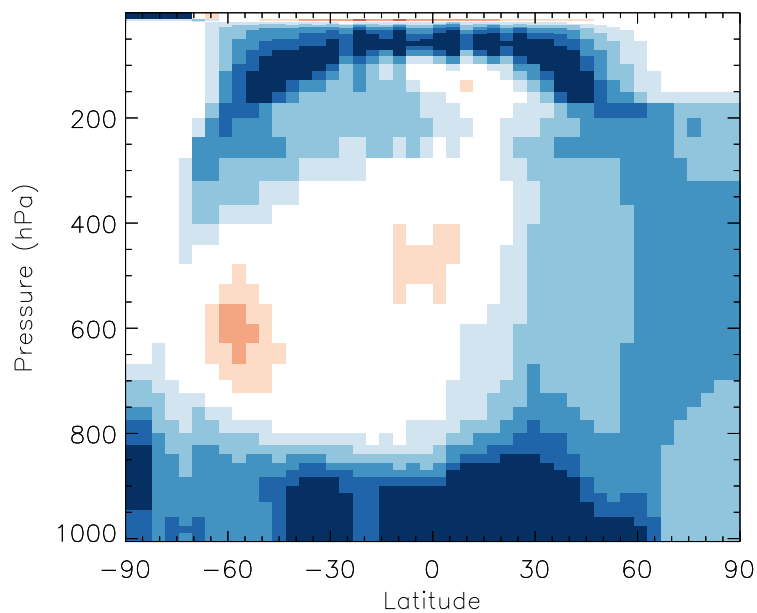
v11-01f-geosfp-Run0 - v11-01b-Run0

Br2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

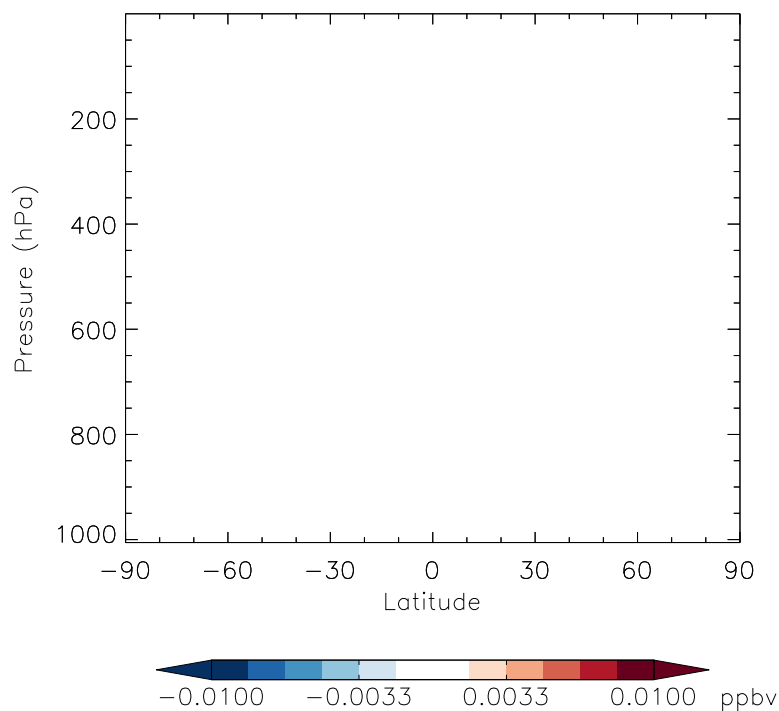
Br2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

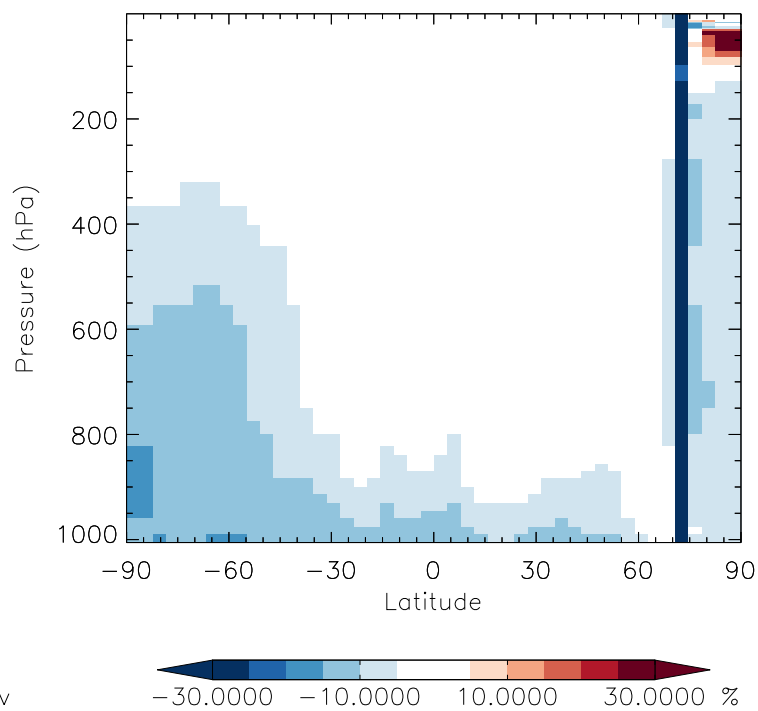
v11-01f-geosfp-Run0 - v11-01d-Run1

Br - Zonal mean abs diff for Jan



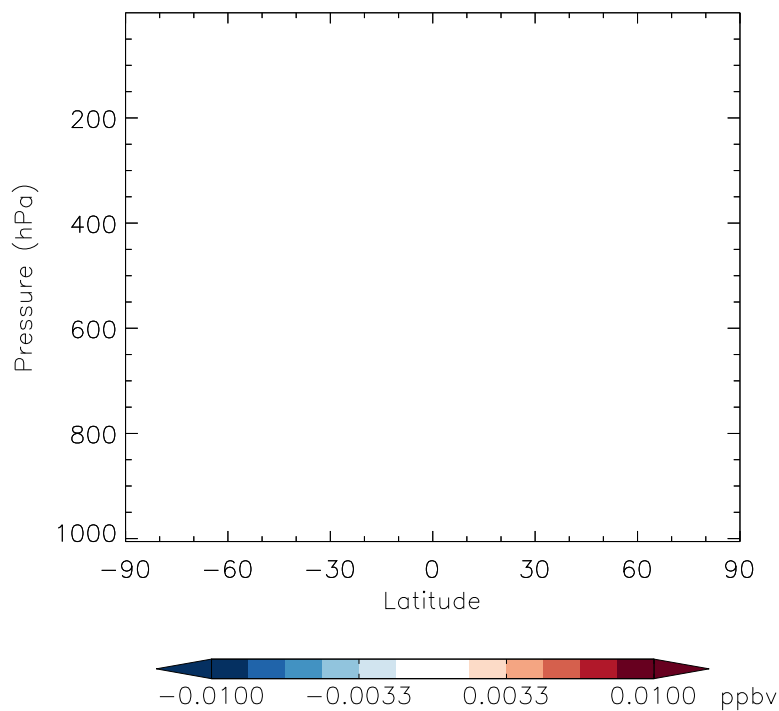
v11-01f-geosfp-Run0 / v11-01d-Run1

Br - Zonal mean % diff for Jan



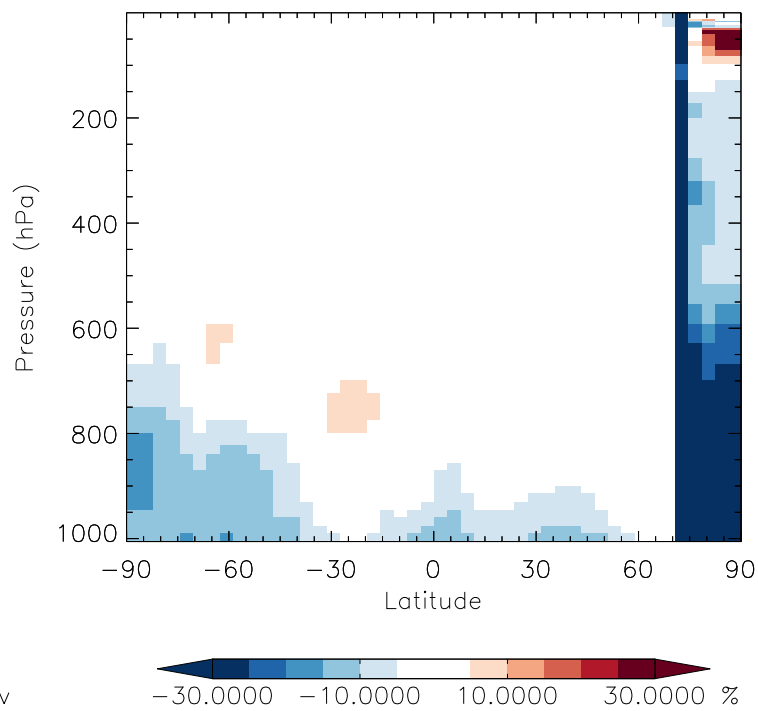
v11-01f-geosfp-Run0 - v11-01b-Run0

Br - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

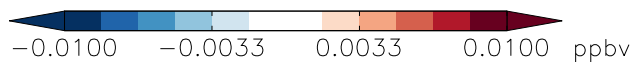
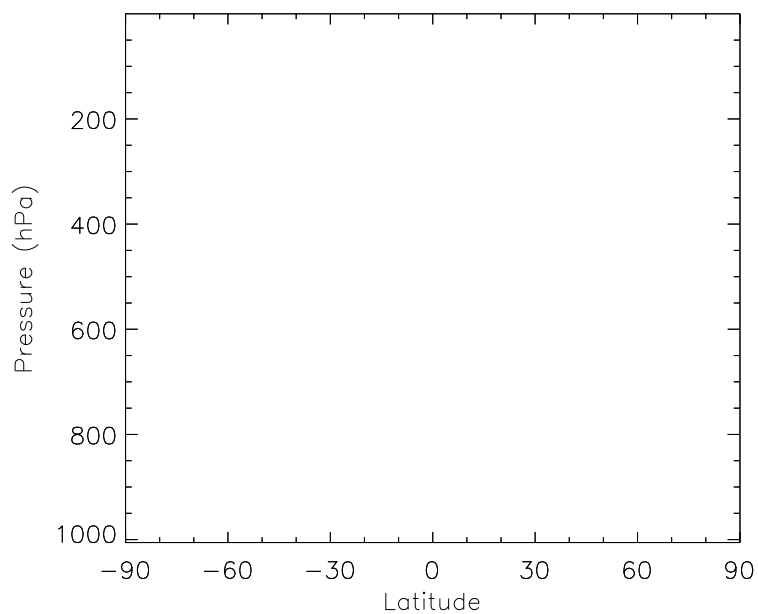
Br - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

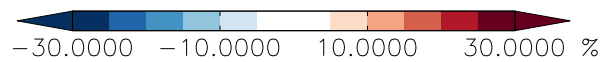
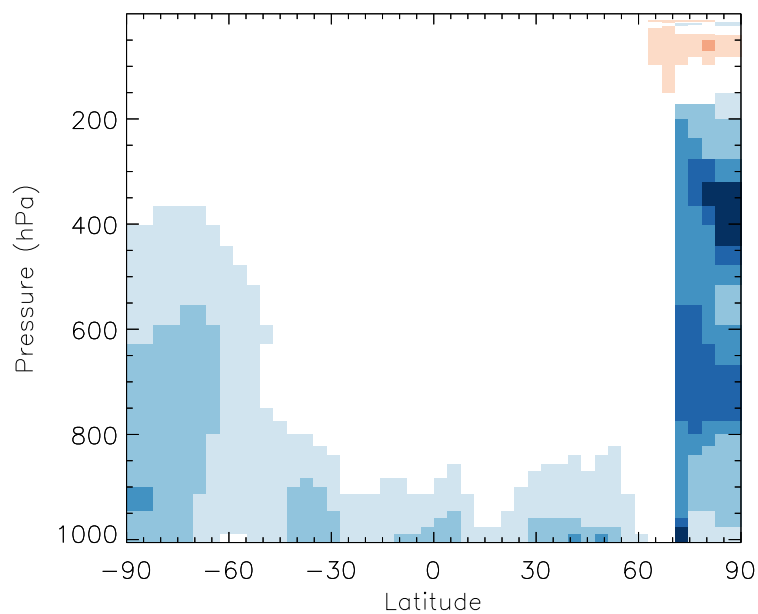
v11-01f-geosfp-Run0 - v11-01d-Run1

BrO - Zonal mean abs diff for Jan



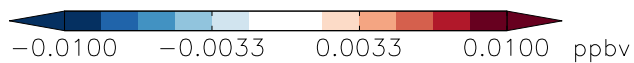
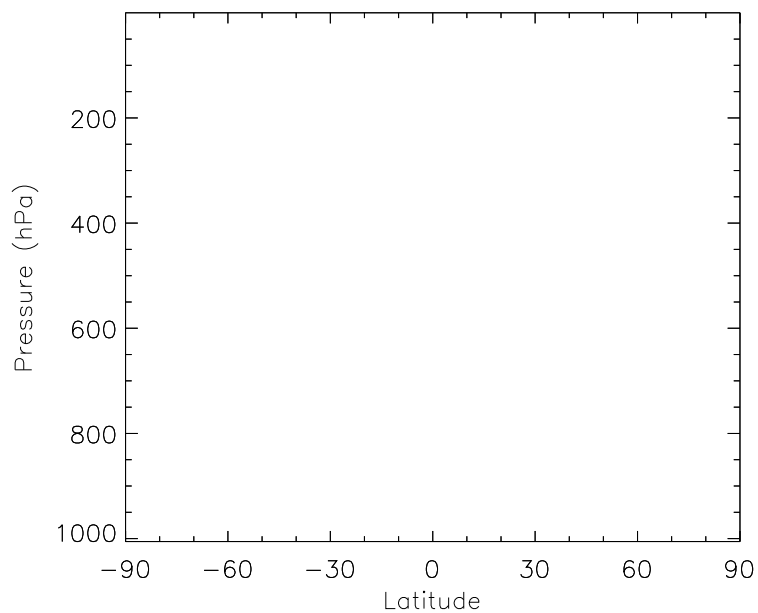
v11-01f-geosfp-Run0 / v11-01d-Run1

BrO - Zonal mean % diff for Jan



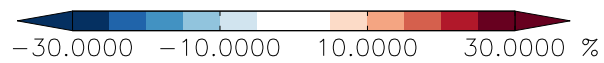
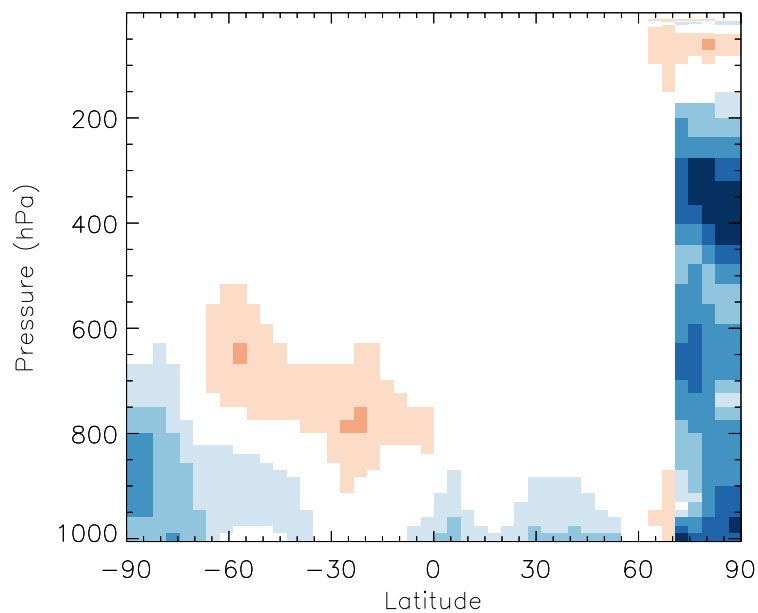
v11-01f-geosfp-Run0 - v11-01b-Run0

BrO - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

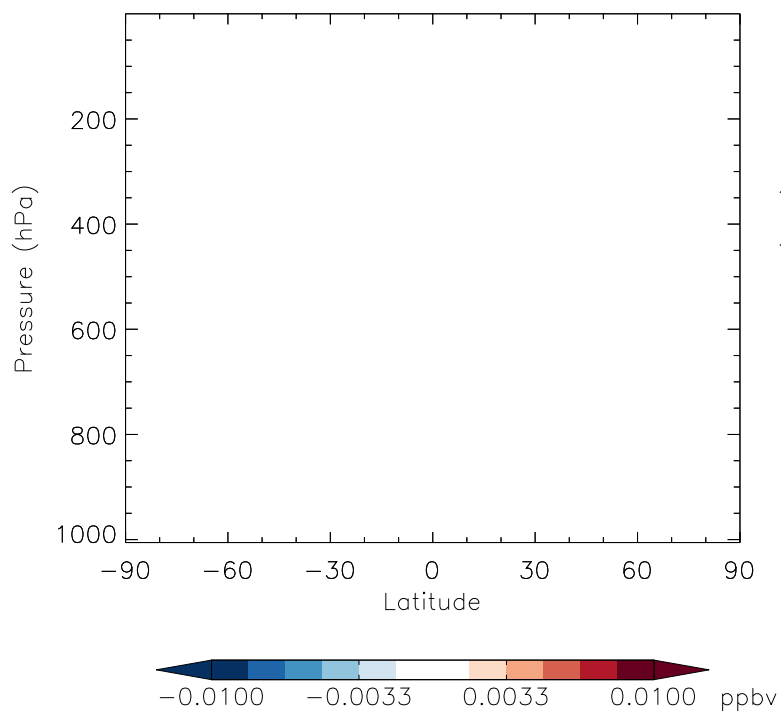
BrO - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

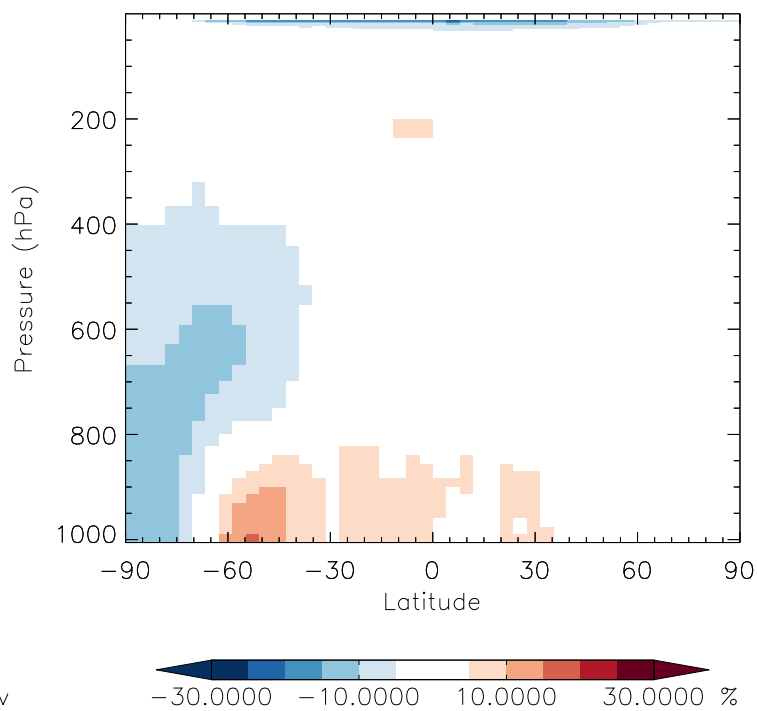
v11-01f-geosfp-Run0 - v11-01d-Run1

HOBr - Zonal mean abs diff for Jan



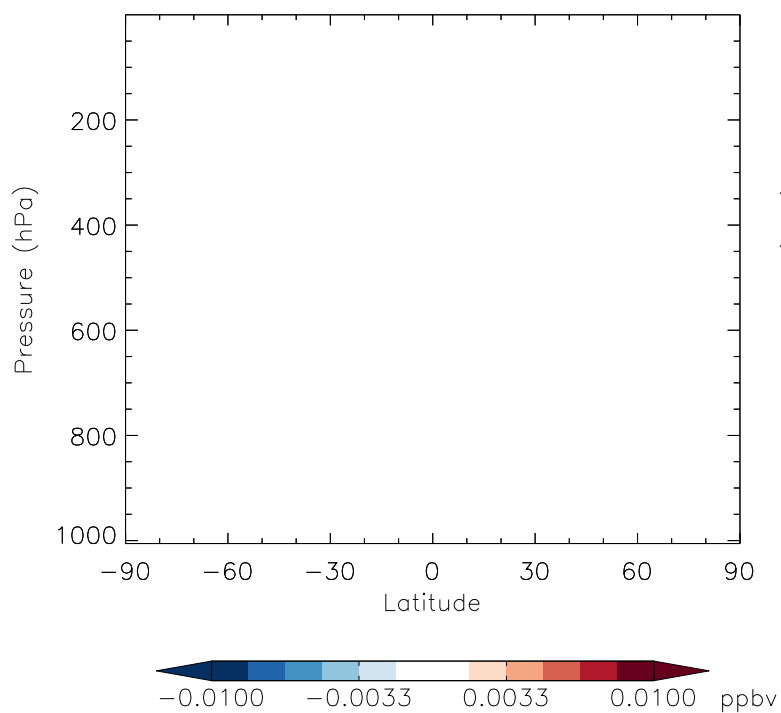
v11-01f-geosfp-Run0 / v11-01d-Run1

HOBr - Zonal mean % diff for Jan



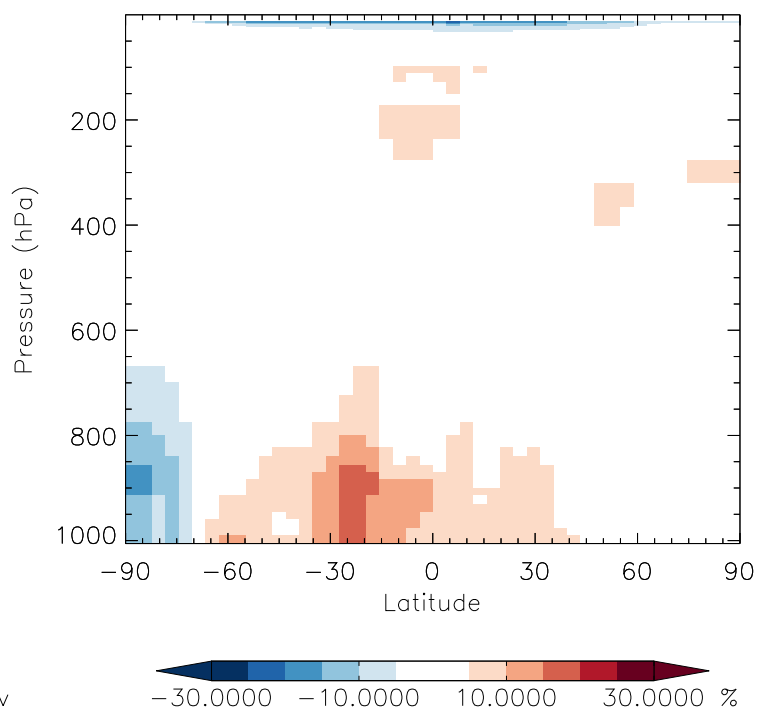
v11-01f-geosfp-Run0 - v11-01b-Run0

HOBr - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

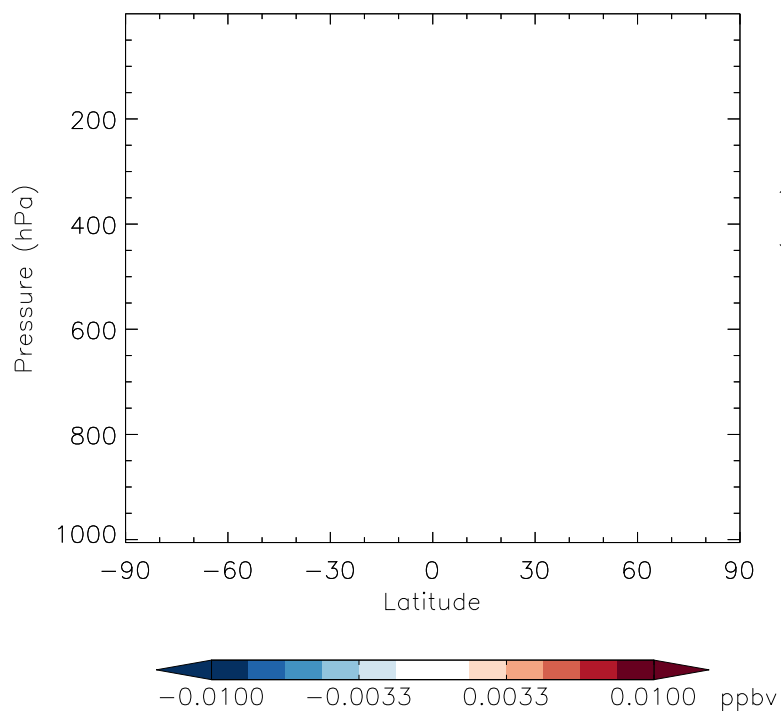
HOBr - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

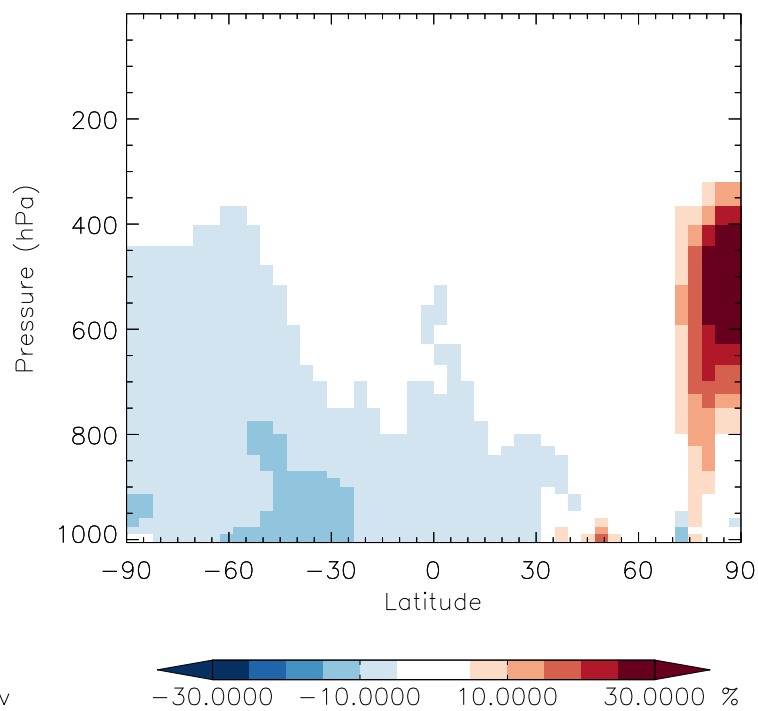
v11-01f-geosfp-Run0 - v11-01d-Run1

HBr - Zonal mean abs diff for Jan



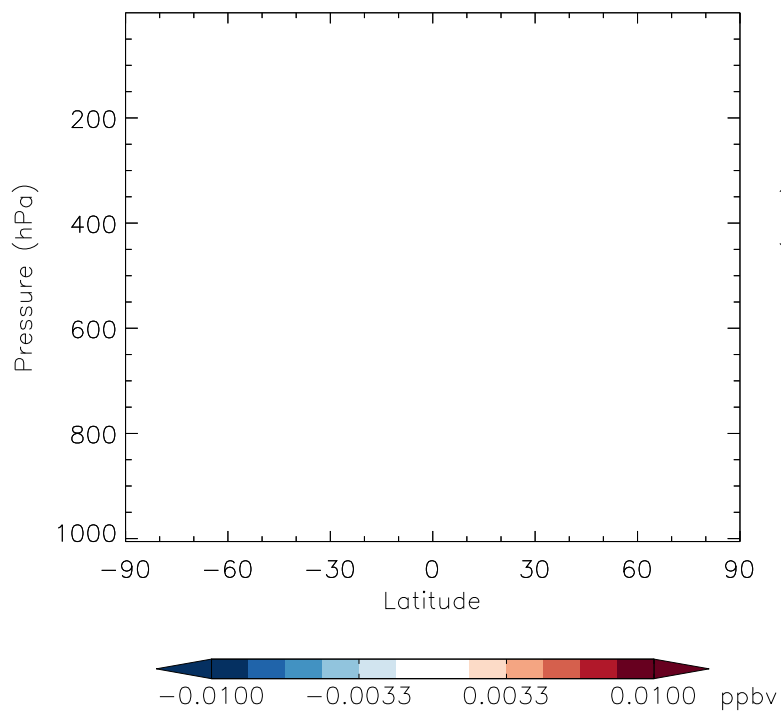
v11-01f-geosfp-Run0 / v11-01d-Run1

HBr - Zonal mean % diff for Jan



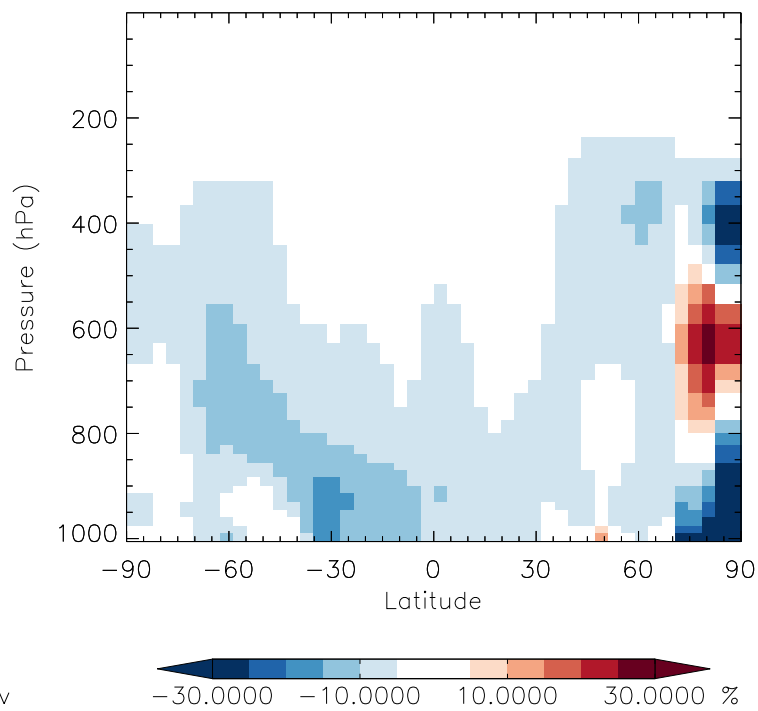
v11-01f-geosfp-Run0 - v11-01b-Run0

HBr - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

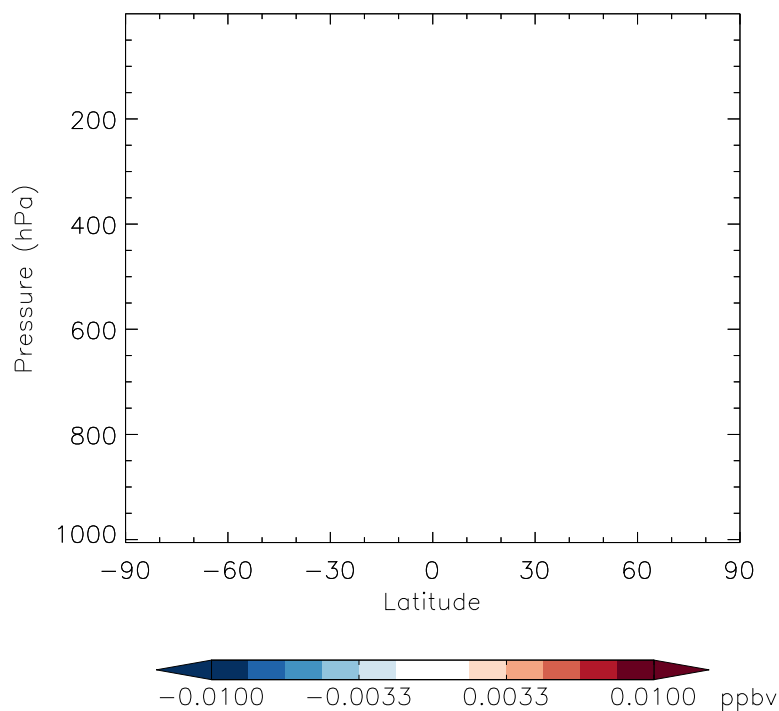
HBr - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

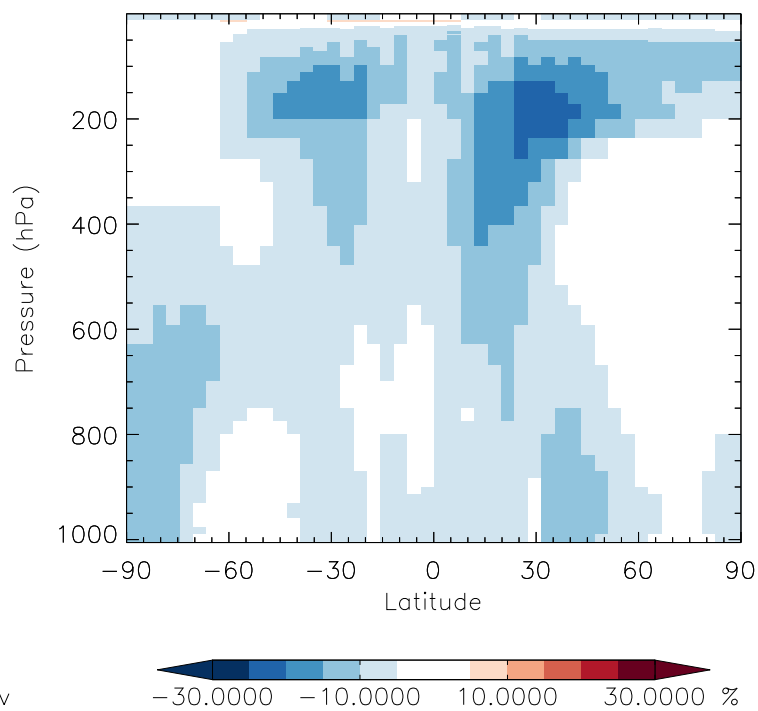
v11-01f-geosfp-Run0 - v11-01d-Run1

BrNO2 - Zonal mean abs diff for Jan



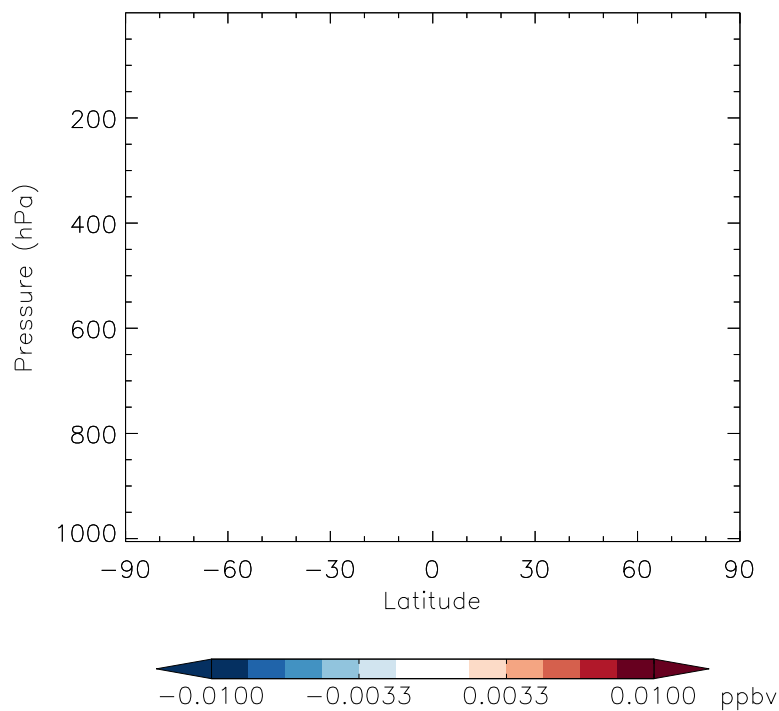
v11-01f-geosfp-Run0 / v11-01d-Run1

BrNO2 - Zonal mean % diff for Jan



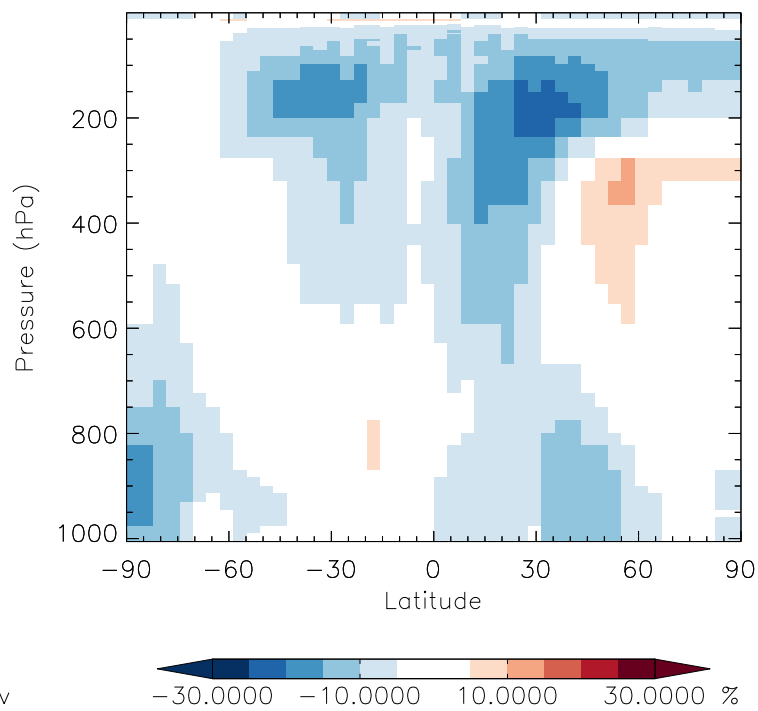
v11-01f-geosfp-Run0 - v11-01b-Run0

BrNO2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

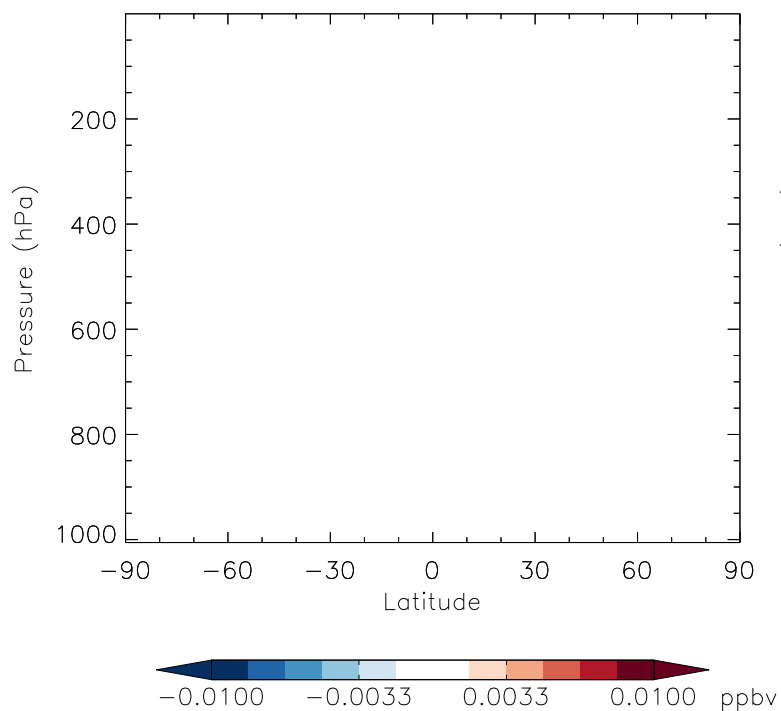
BrNO2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

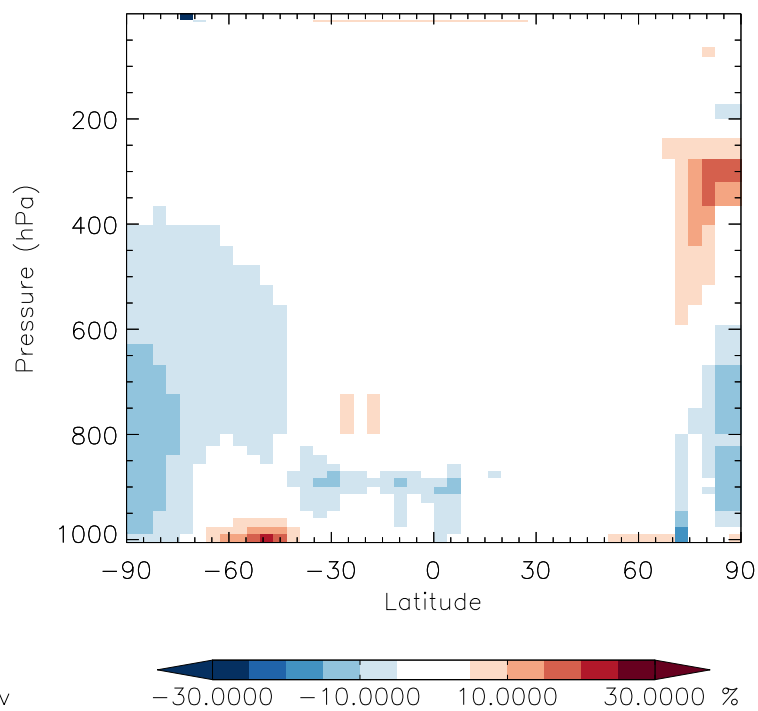
v11-01f-geosfp-Run0 - v11-01d-Run1

BrNO3 - Zonal mean abs diff for Jan



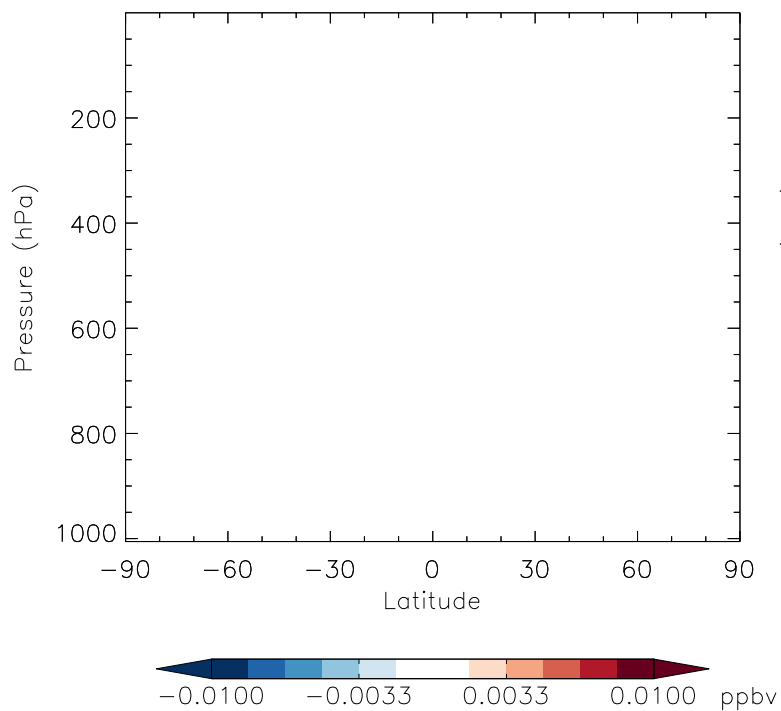
v11-01f-geosfp-Run0 / v11-01d-Run1

BrNO3 - Zonal mean % diff for Jan



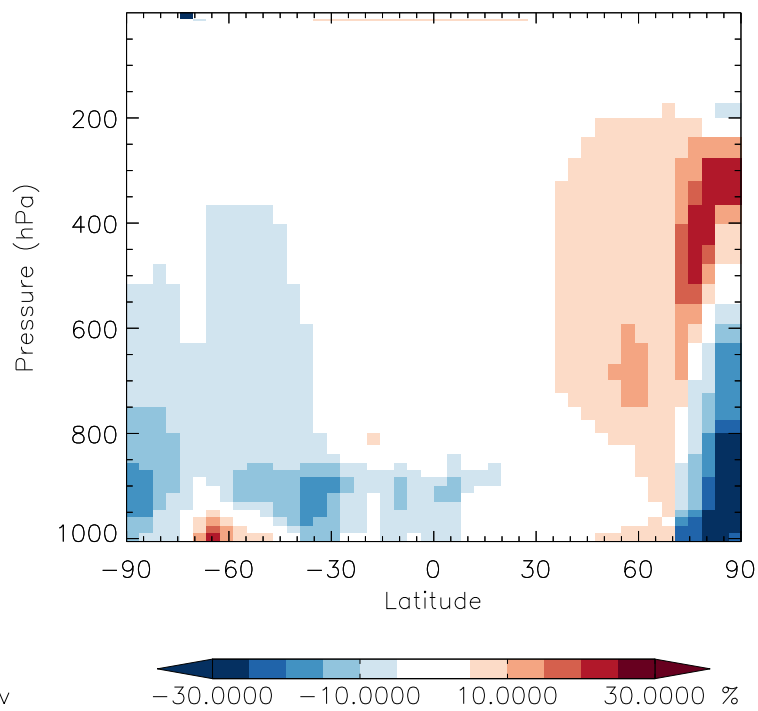
v11-01f-geosfp-Run0 - v11-01b-Run0

BrNO3 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

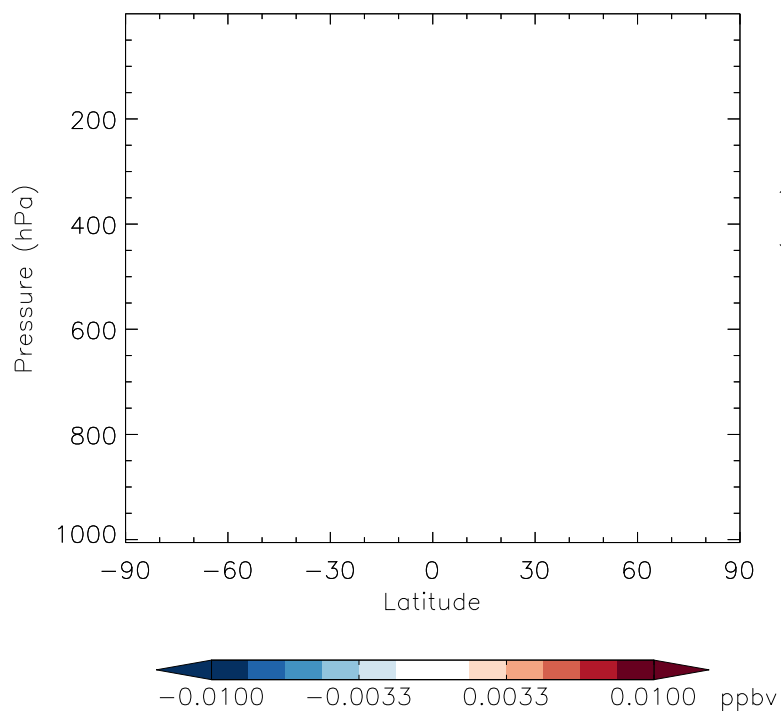
BrNO3 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

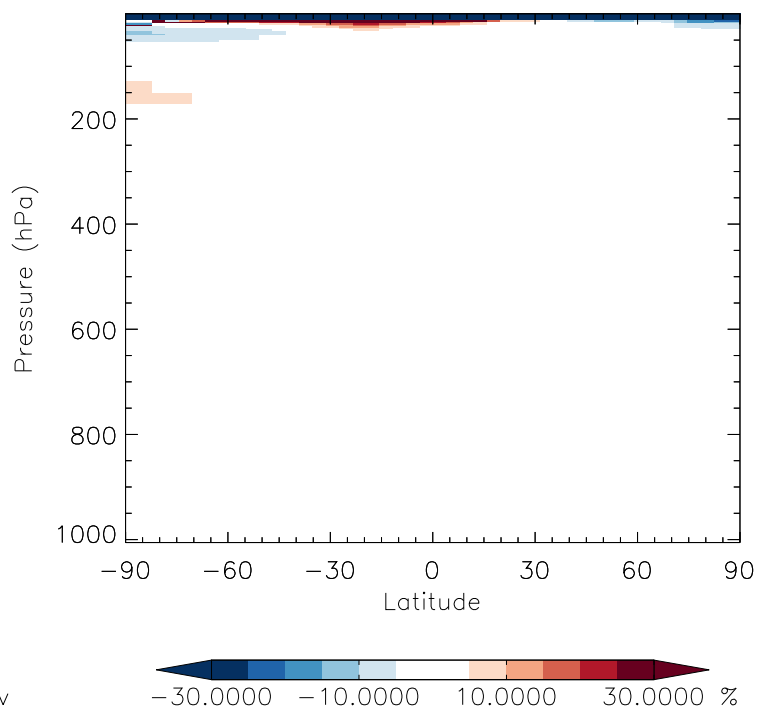
v11-01f-geosfp-Run0 - v11-01d-Run1

CHBr3 - Zonal mean abs diff for Jan



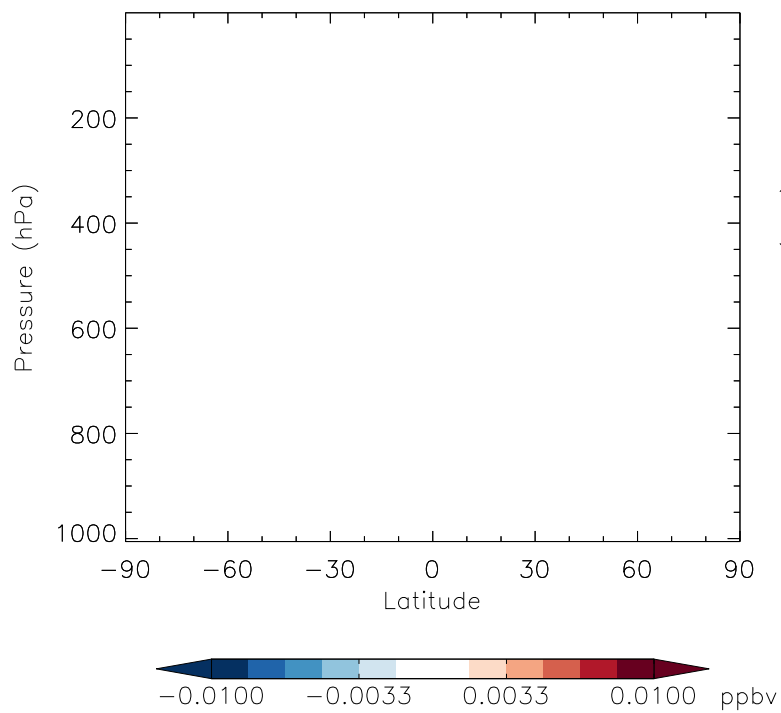
v11-01f-geosfp-Run0 / v11-01d-Run1

CHBr3 - Zonal mean % diff for Jan



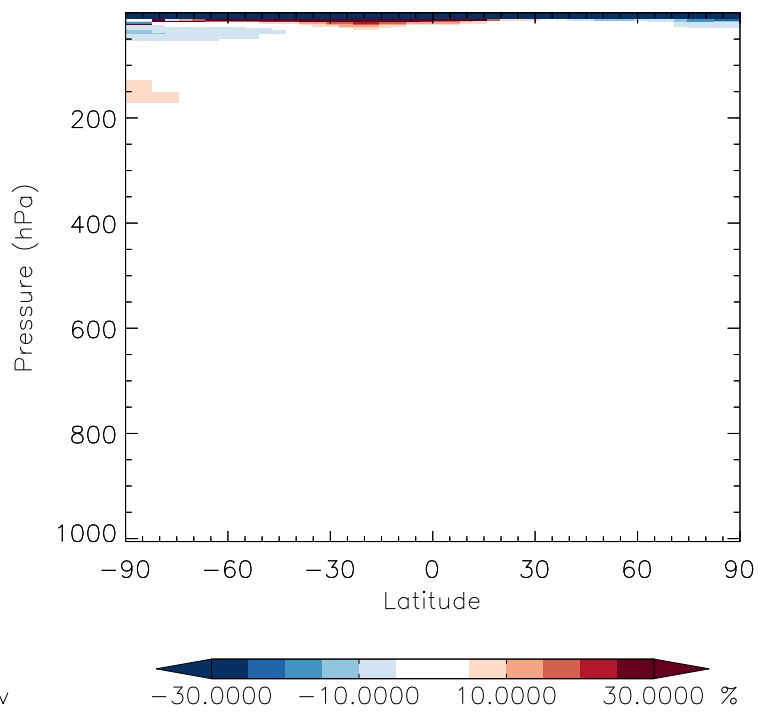
v11-01f-geosfp-Run0 - v11-01b-Run0

CHBr3 - Zonal mean abs diff for Jan



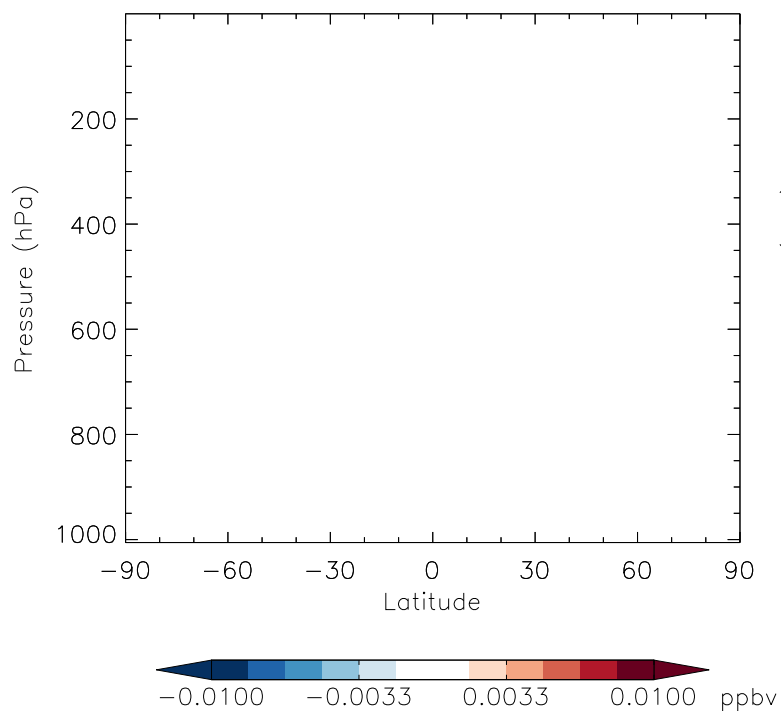
v11-01f-geosfp-Run0 / v11-01b-Run0

CHBr3 - Zonal mean % diff for Jan

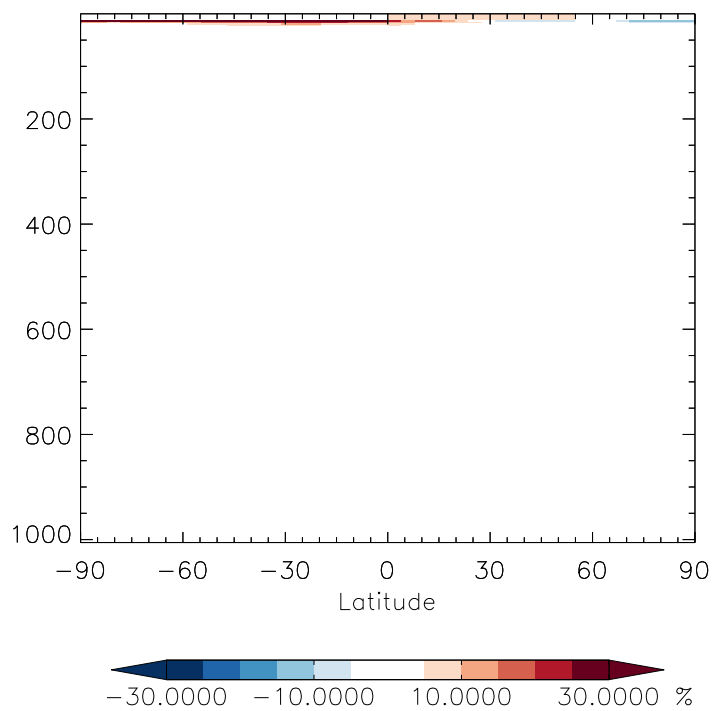


GEOS-Chem Zonal Difference Maps

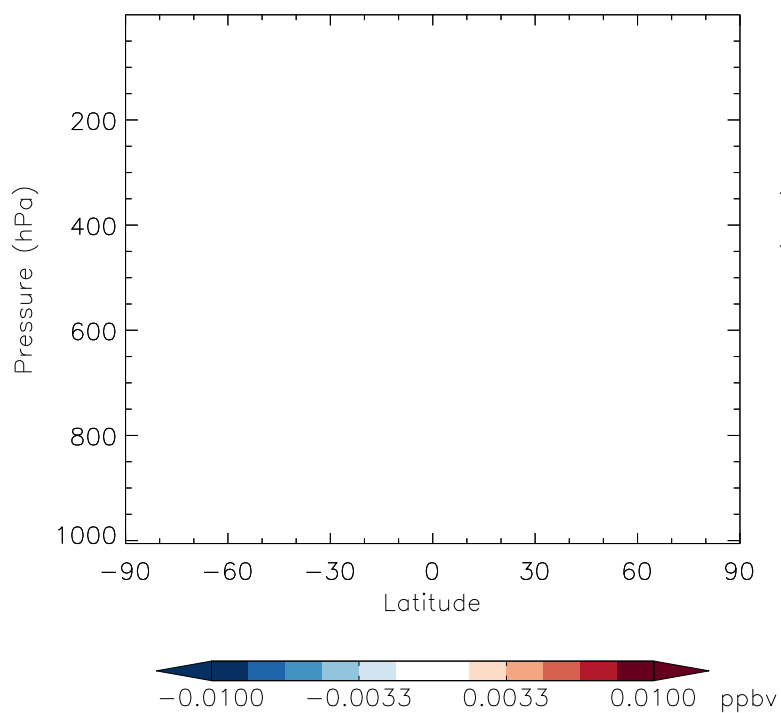
v11-01f-geosfp-Run0 - v11-01d-Run1
CH₂Br₂ - Zonal mean abs diff for Jan



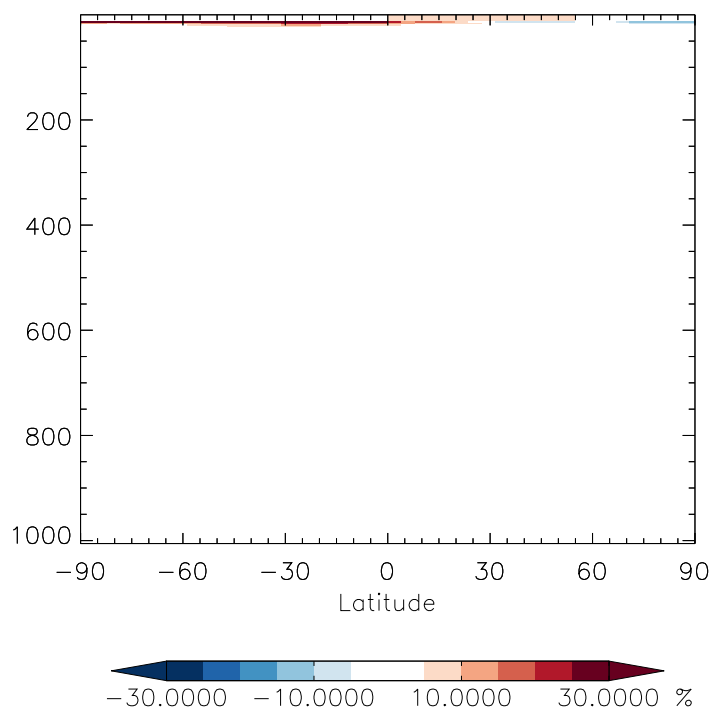
v11-01f-geosfp-Run0 / v11-01d-Run1
CH₂Br₂ - Zonal mean % diff for Jan



v11-01f-geosfp-Run0 - v11-01b-Run0
CH₂Br₂ - Zonal mean abs diff for Jan



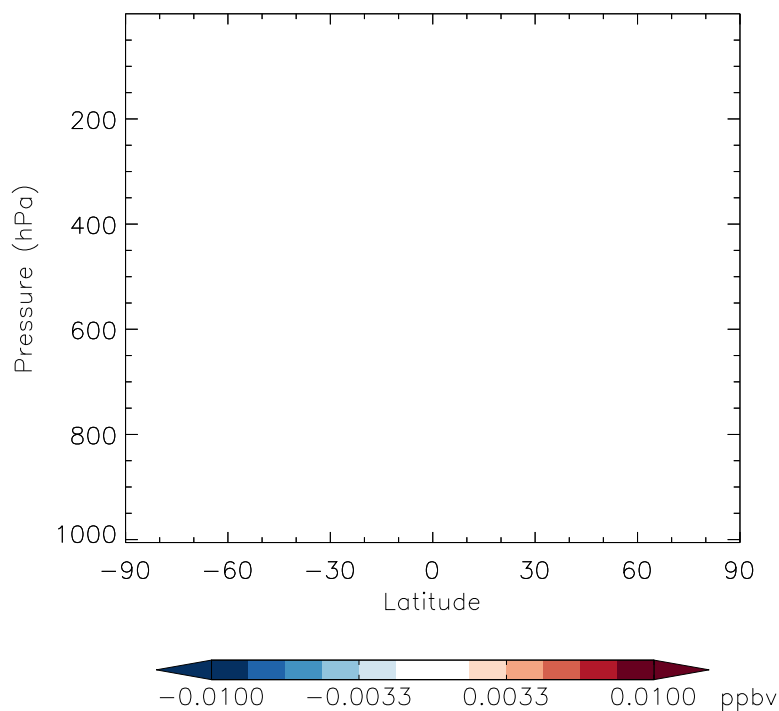
v11-01f-geosfp-Run0 / v11-01b-Run0
CH₂Br₂ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

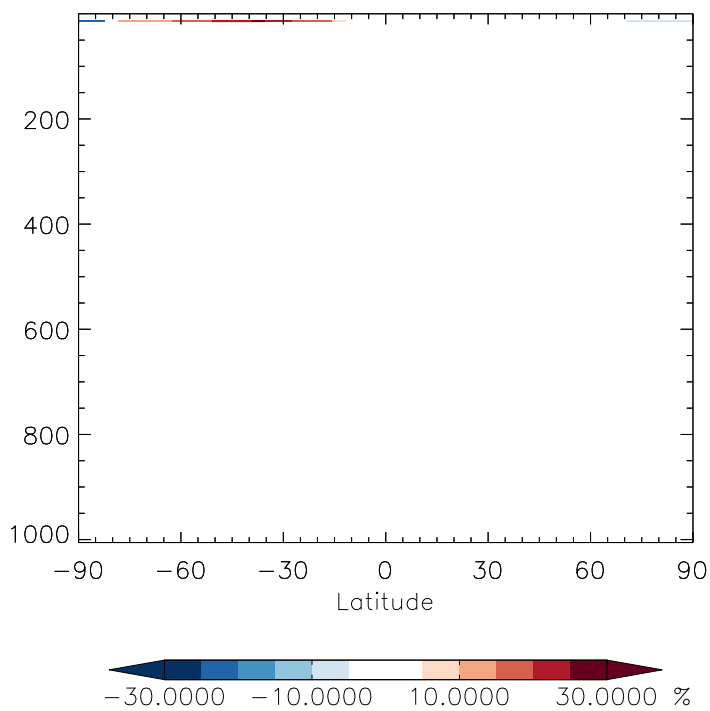
v11-01f-geosfp-Run0 - v11-01d-Run1

CH₃Br - Zonal mean abs diff for Jan



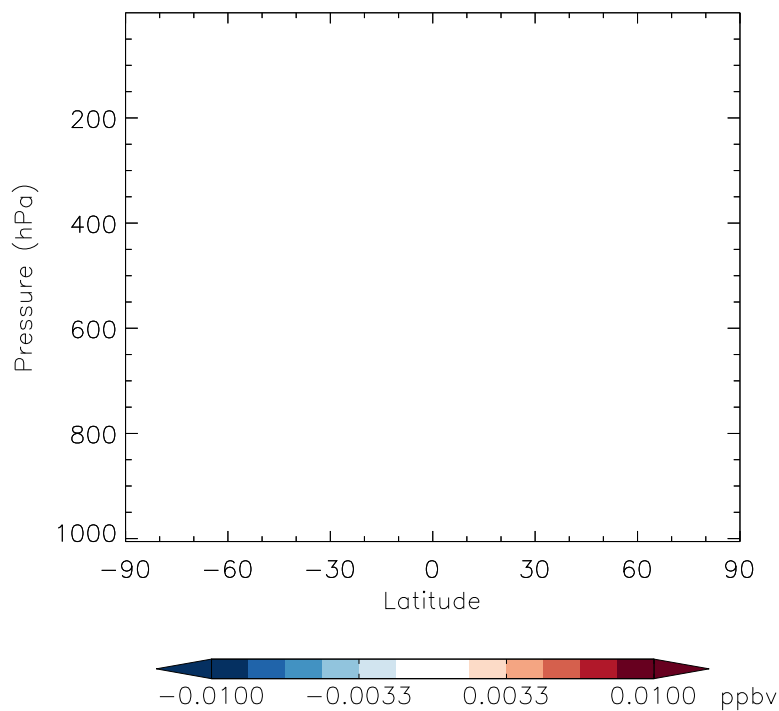
v11-01f-geosfp-Run0 / v11-01d-Run1

CH₃Br - Zonal mean % diff for Jan



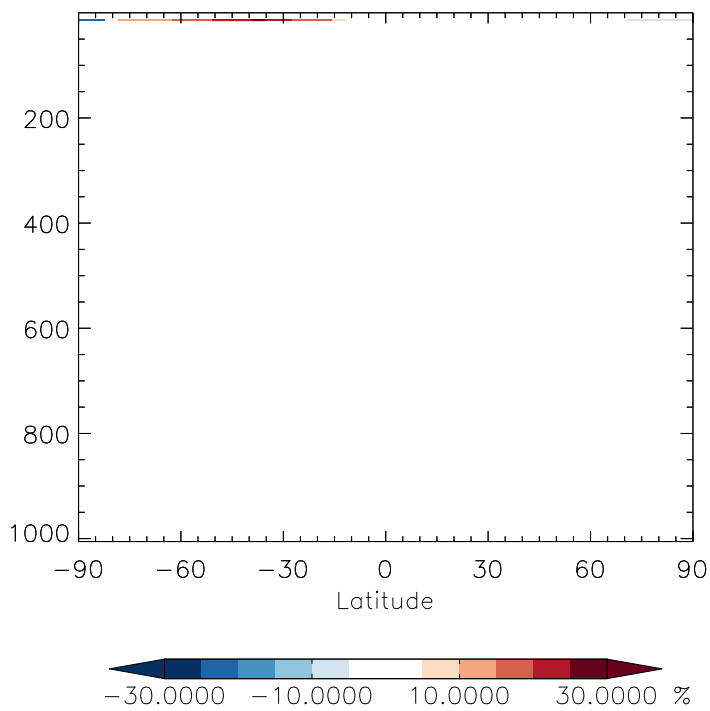
v11-01f-geosfp-Run0 - v11-01b-Run0

CH₃Br - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

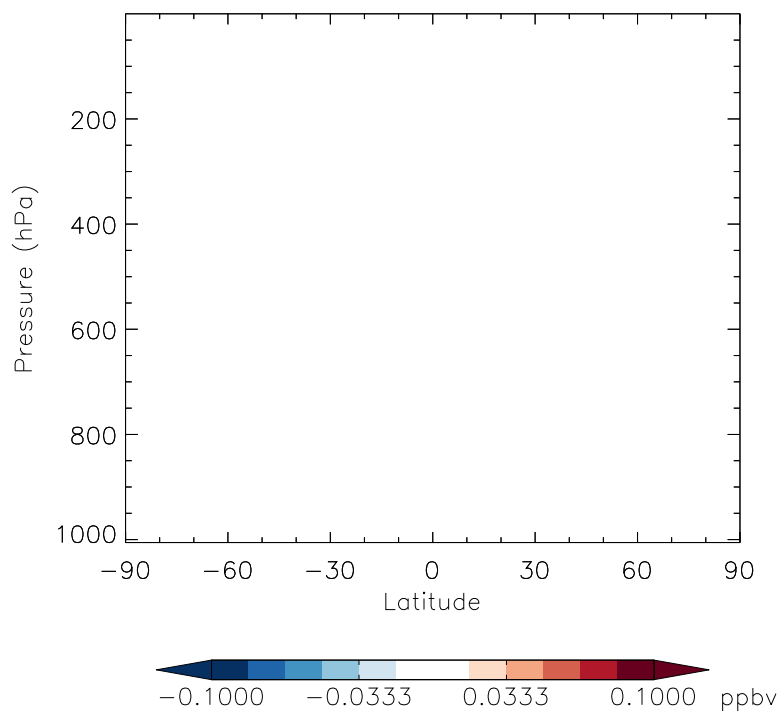
CH₃Br - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

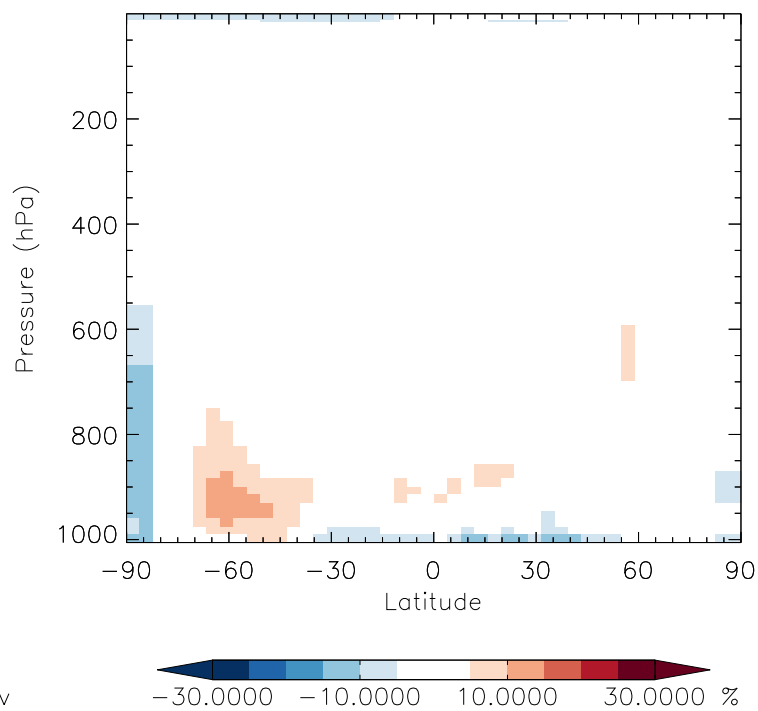
v11-01f-geosfp-Run0 - v11-01d-Run1

MPN - Zonal mean abs diff for Jan



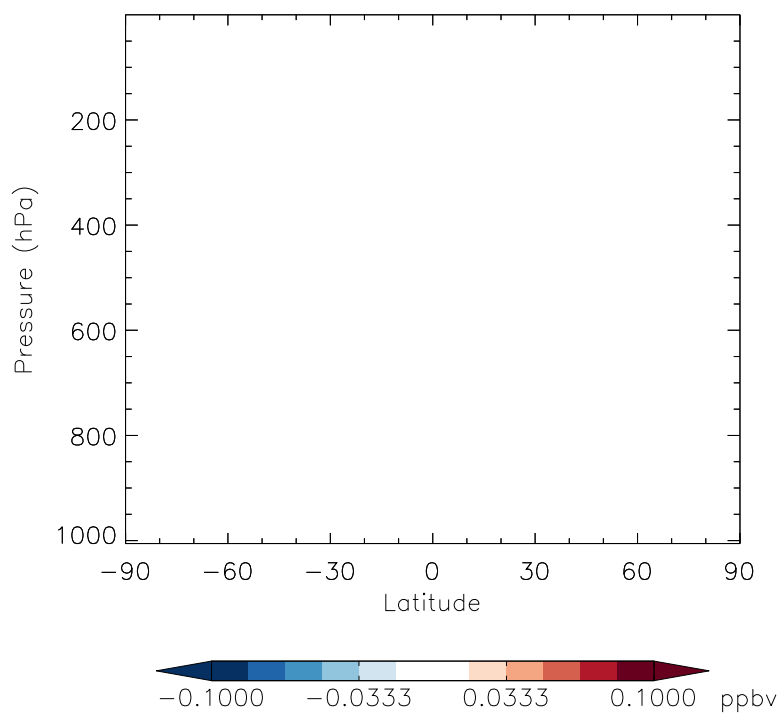
v11-01f-geosfp-Run0 / v11-01d-Run1

MPN - Zonal mean % diff for Jan



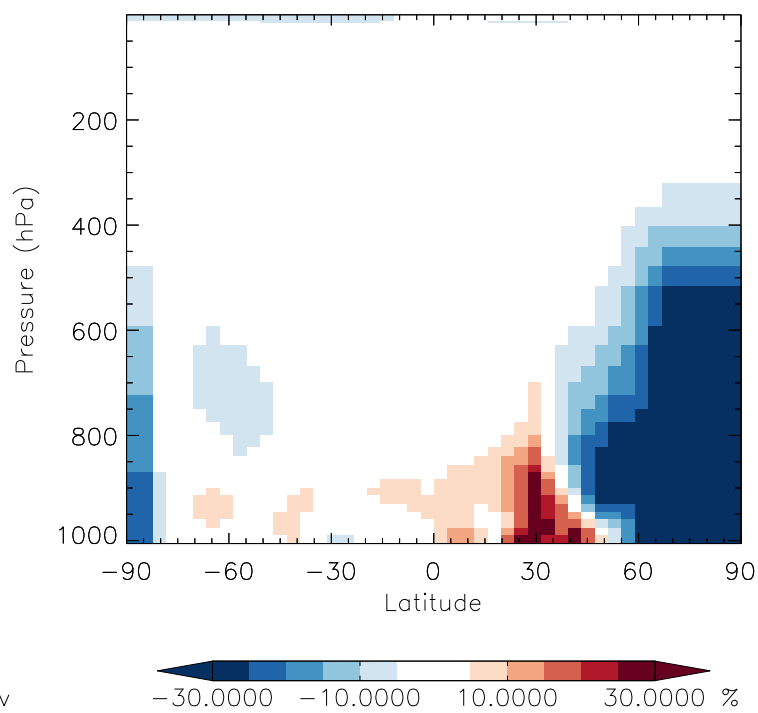
v11-01f-geosfp-Run0 - v11-01b-Run0

MPN - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

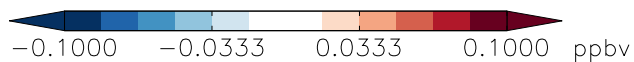
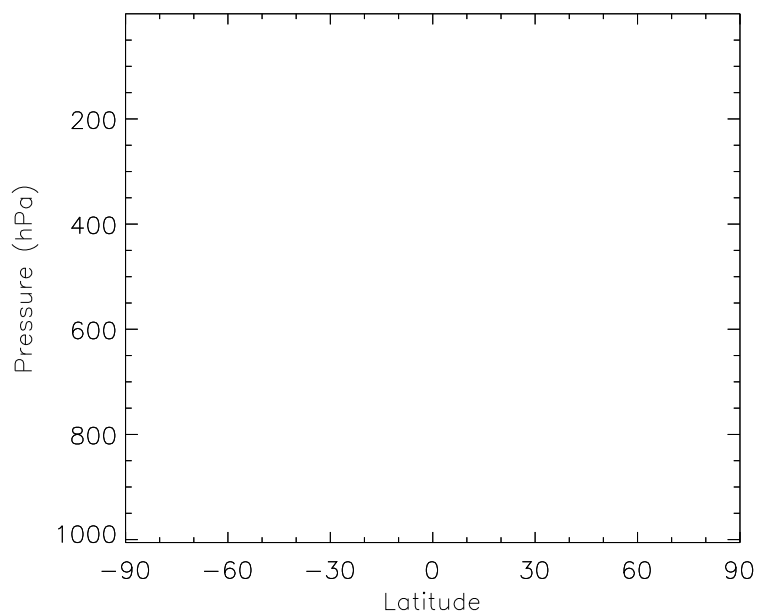
MPN - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

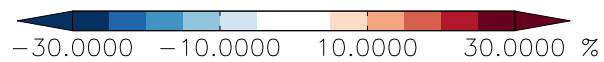
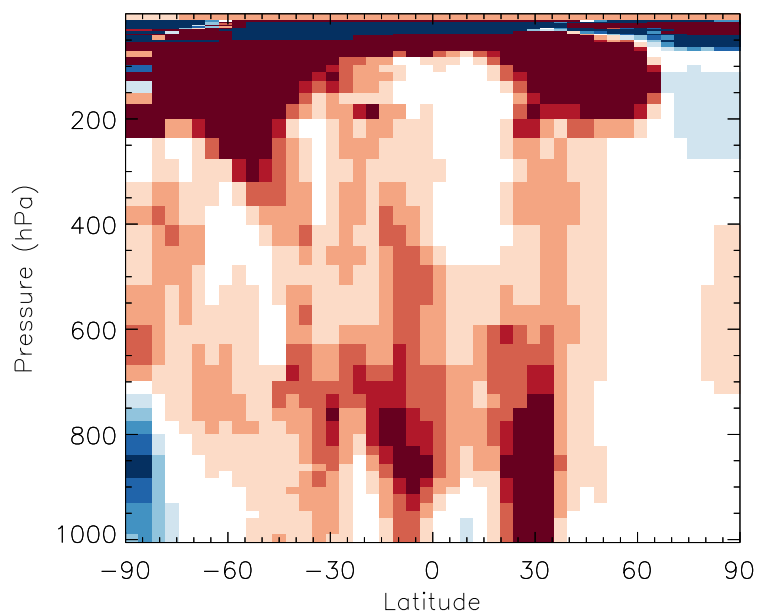
v11-01f-geosfp-Run0 - v11-01d-Run1

ISOPN - Zonal mean abs diff for Jan



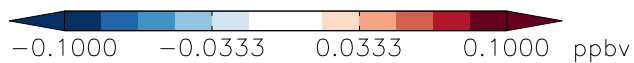
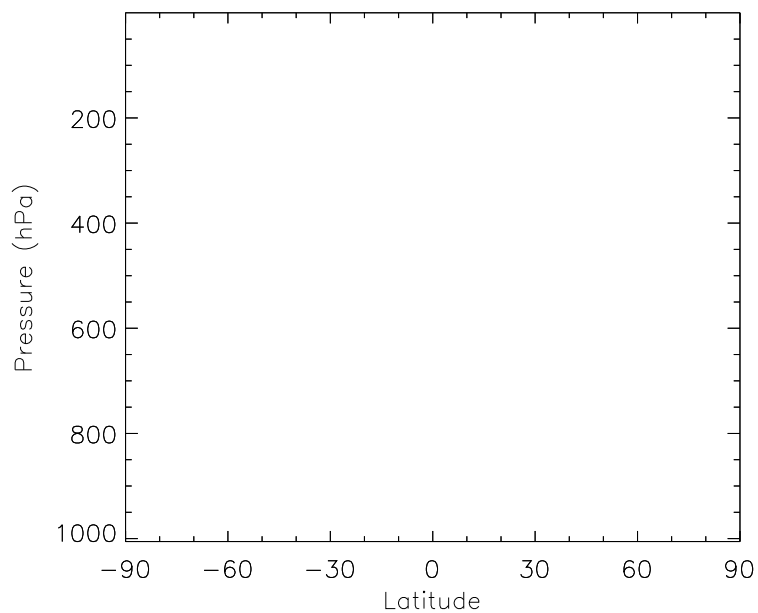
v11-01f-geosfp-Run0 / v11-01d-Run1

ISOPN - Zonal mean % diff for Jan



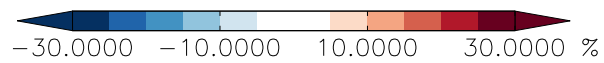
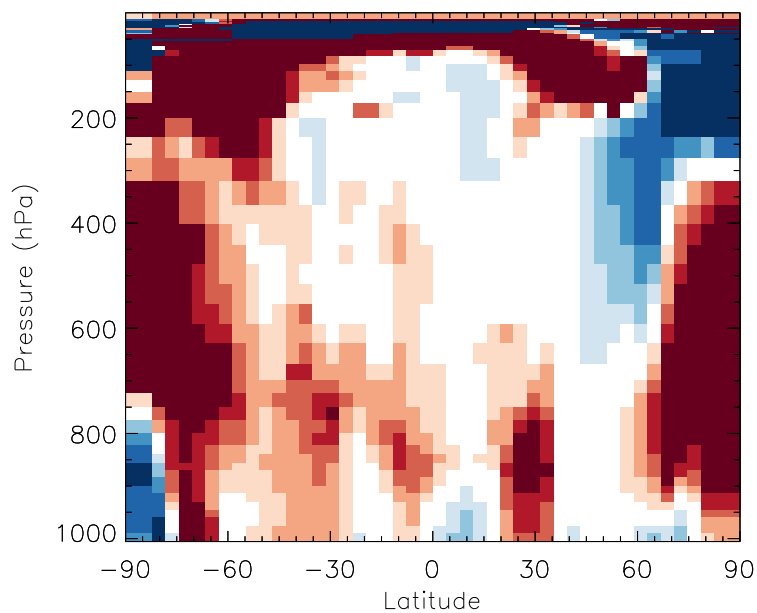
v11-01f-geosfp-Run0 - v11-01b-Run0

ISOPN - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

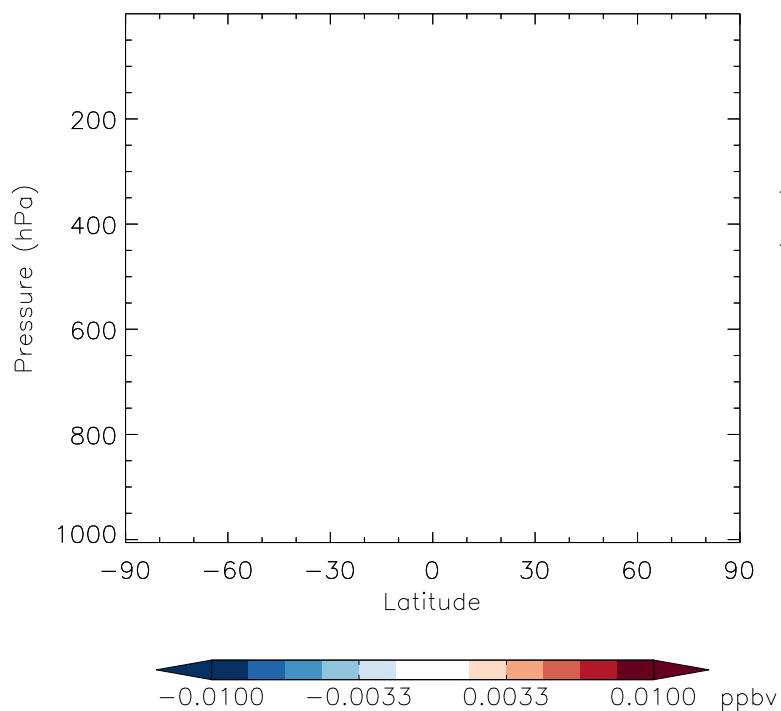
ISOPN - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

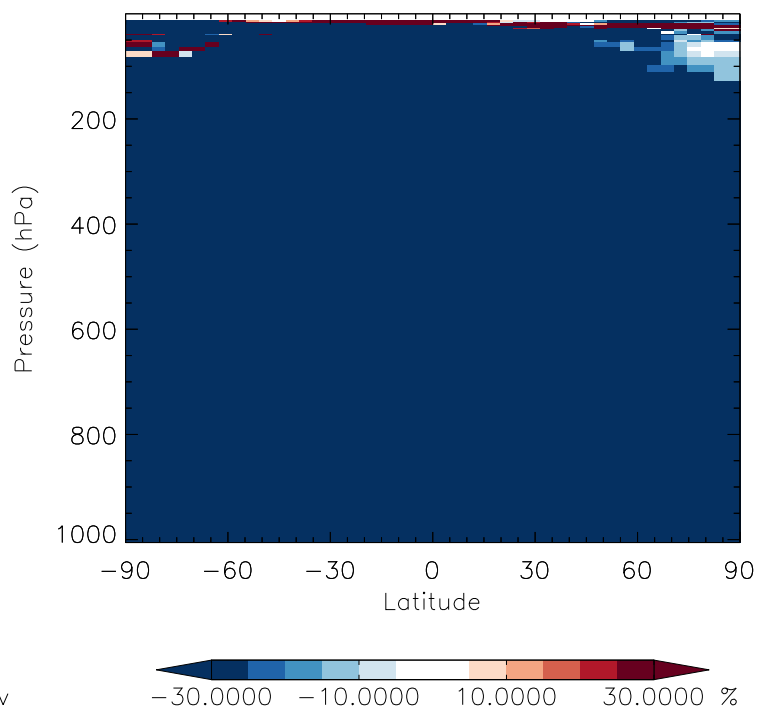
v11-01f-geosfp-Run0 - v11-01d-Run1

MOBA - Zonal mean abs diff for Jan



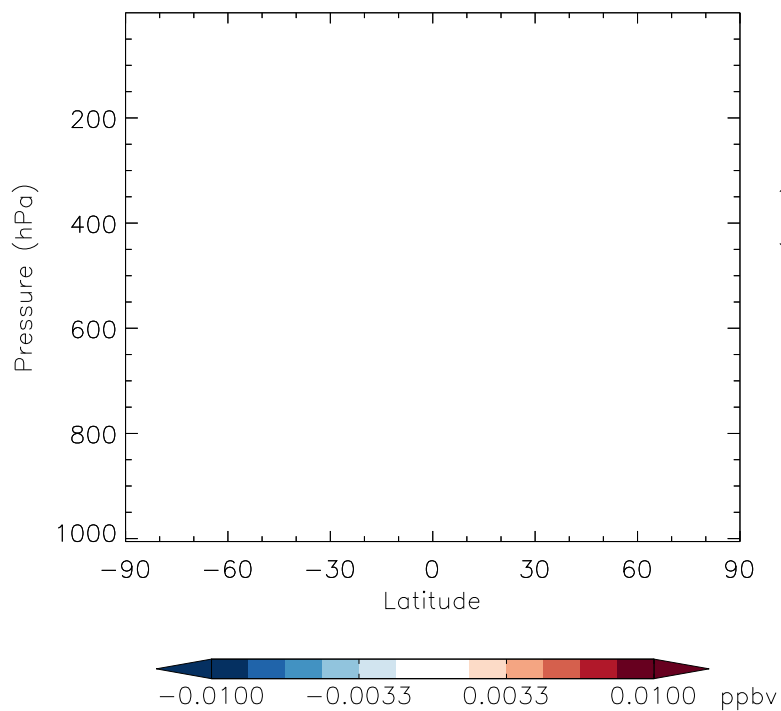
v11-01f-geosfp-Run0 / v11-01d-Run1

MOBA - Zonal mean % diff for Jan



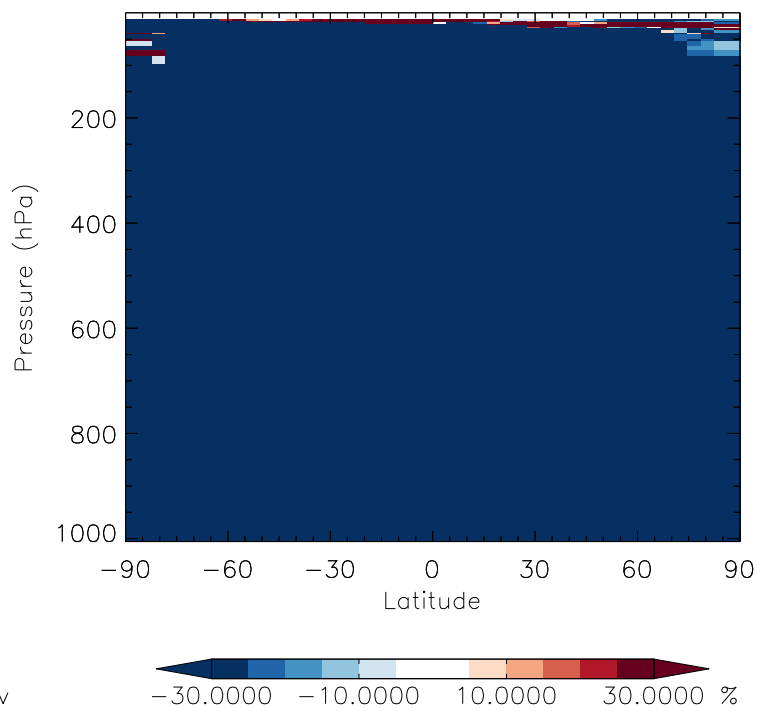
v11-01f-geosfp-Run0 - v11-01b-Run0

MOBA - Zonal mean abs diff for Jan



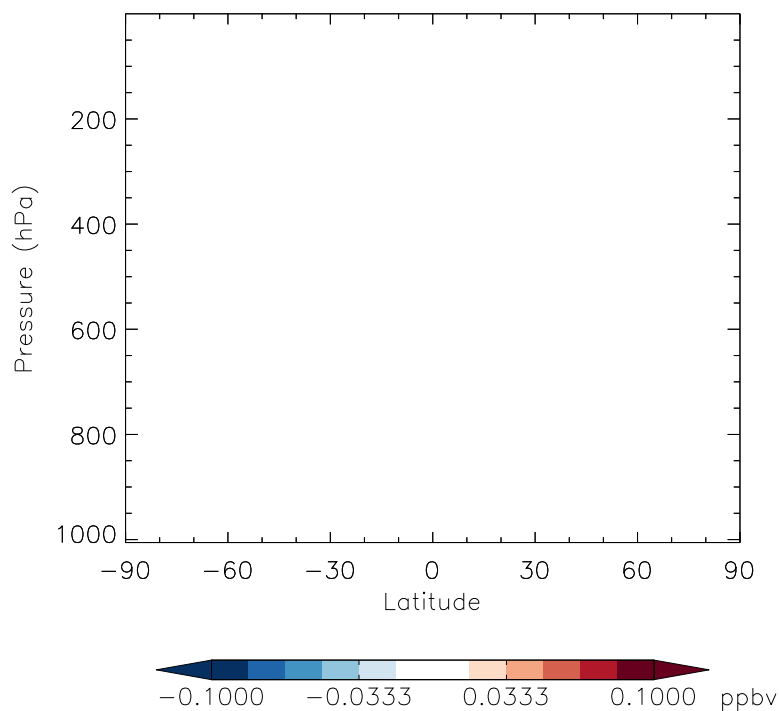
v11-01f-geosfp-Run0 / v11-01b-Run0

MOBA - Zonal mean % diff for Jan

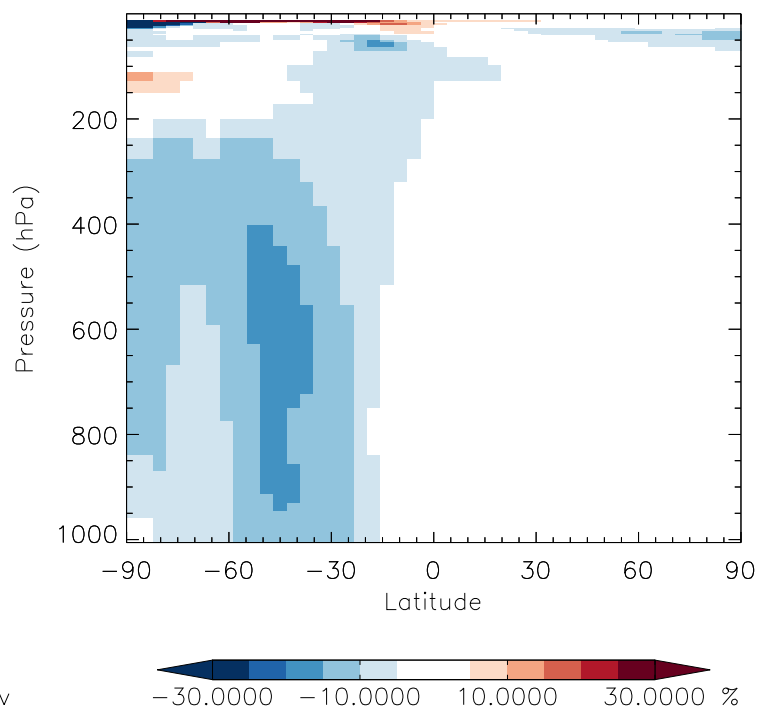


GEOS-Chem Zonal Difference Maps

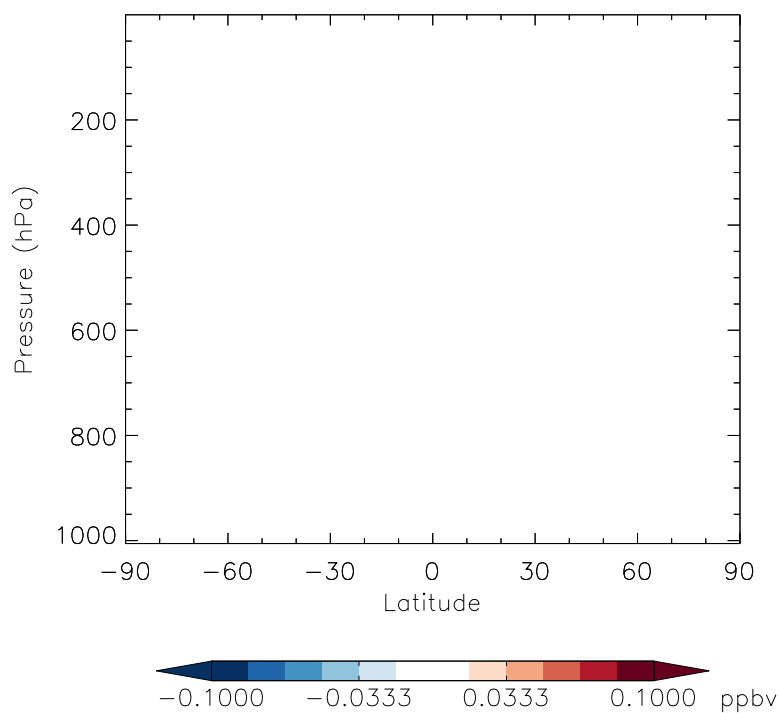
v11-01f-geosfp-Run0 - v11-01d-Run1
PROPNN - Zonal mean abs diff for Jan



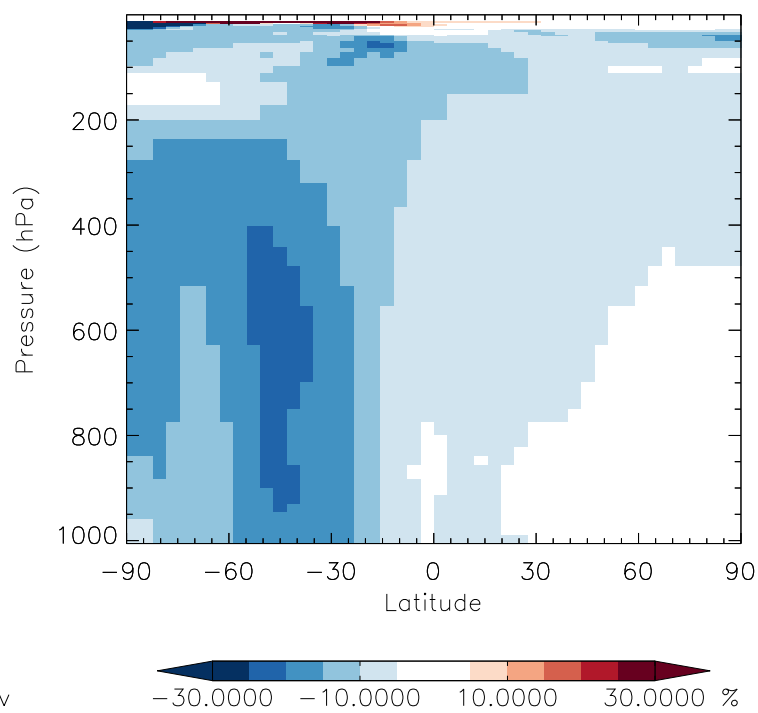
v11-01f-geosfp-Run0 / v11-01d-Run1
PROPNN - Zonal mean % diff for Jan



v11-01f-geosfp-Run0 - v11-01b-Run0
PROPNN - Zonal mean abs diff for Jan



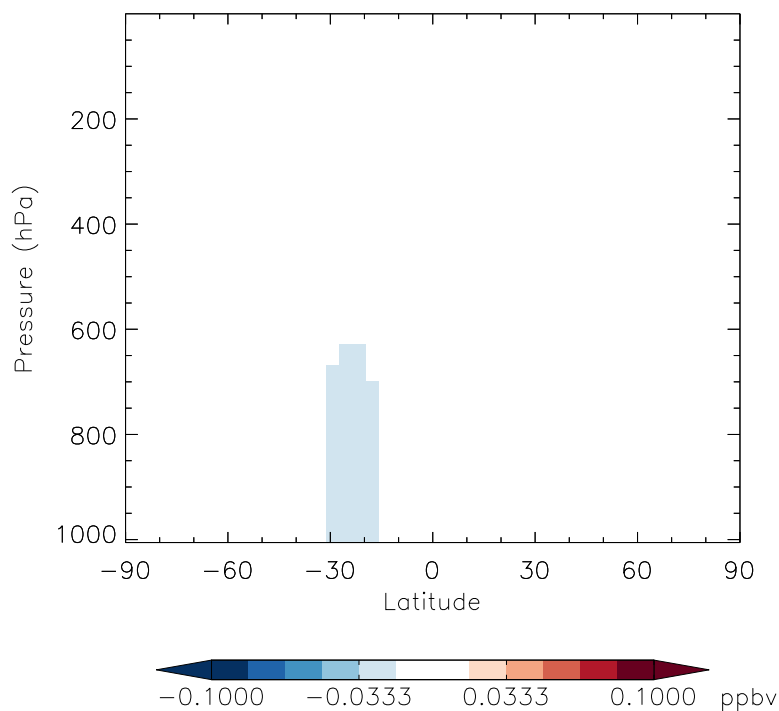
v11-01f-geosfp-Run0 / v11-01b-Run0
PROPNN - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

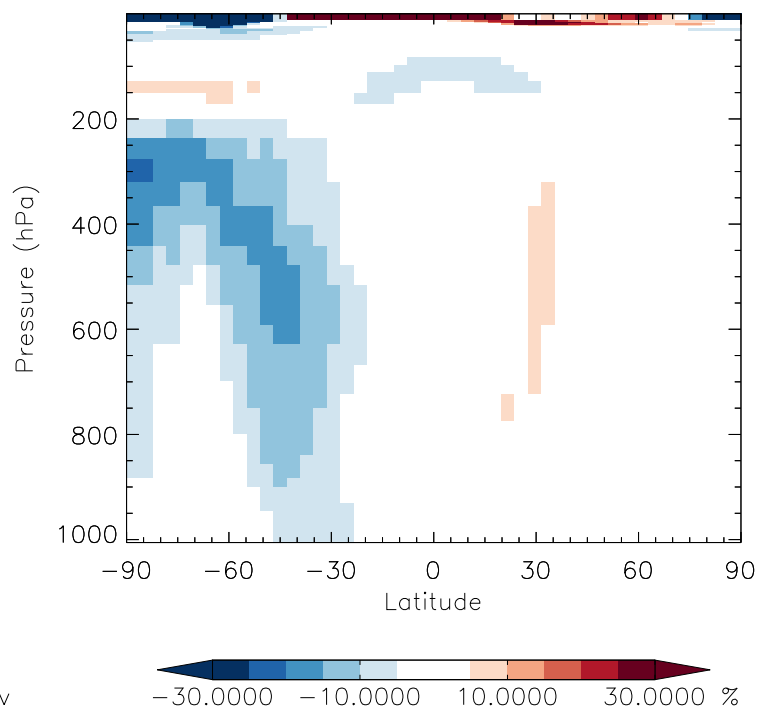
v11-01f-geosfp-Run0 - v11-01d-Run1

HAC - Zonal mean abs diff for Jan



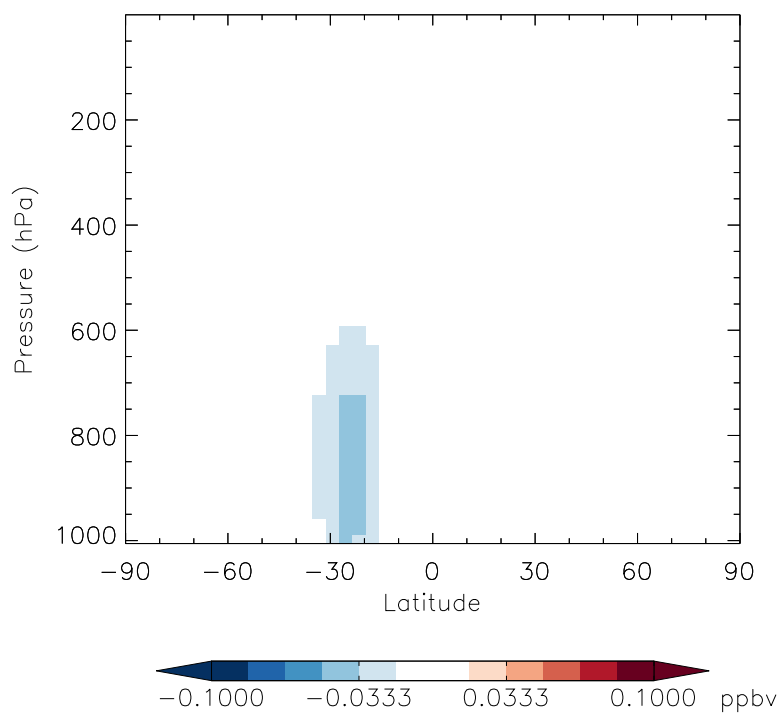
v11-01f-geosfp-Run0 / v11-01d-Run1

HAC - Zonal mean % diff for Jan



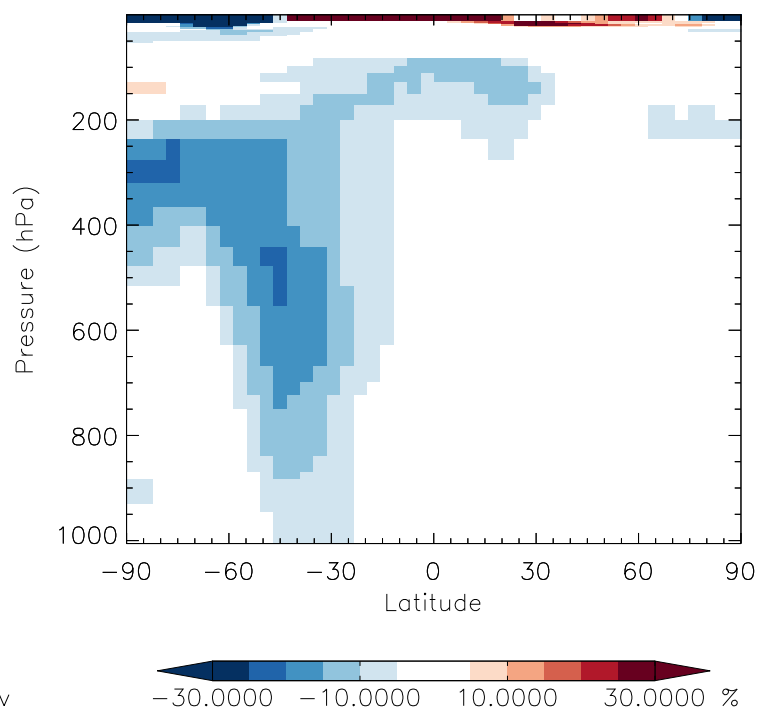
v11-01f-geosfp-Run0 - v11-01b-Run0

HAC - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

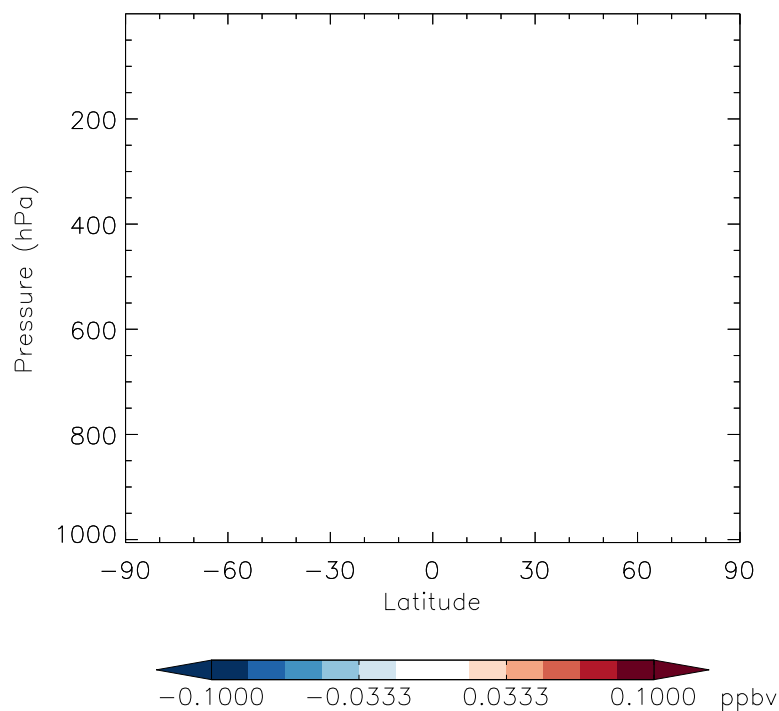
HAC - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

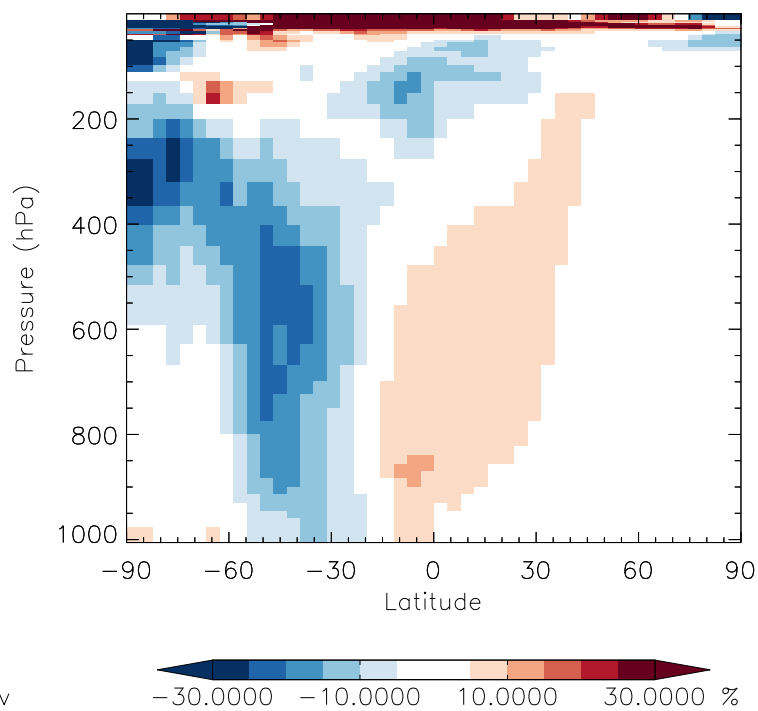
v11-01f-geosfp-Run0 - v11-01d-Run1

GLYC - Zonal mean abs diff for Jan



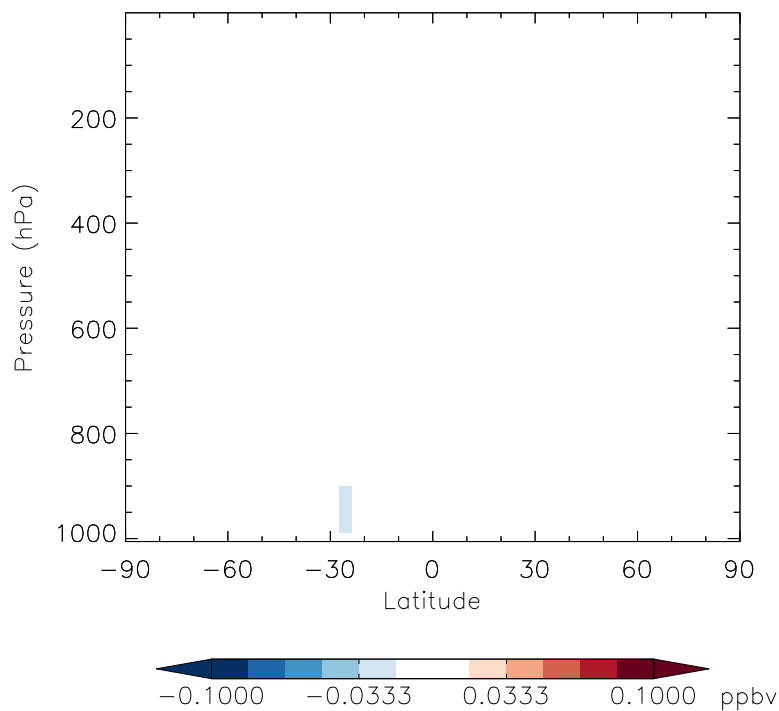
v11-01f-geosfp-Run0 / v11-01d-Run1

GLYC - Zonal mean % diff for Jan



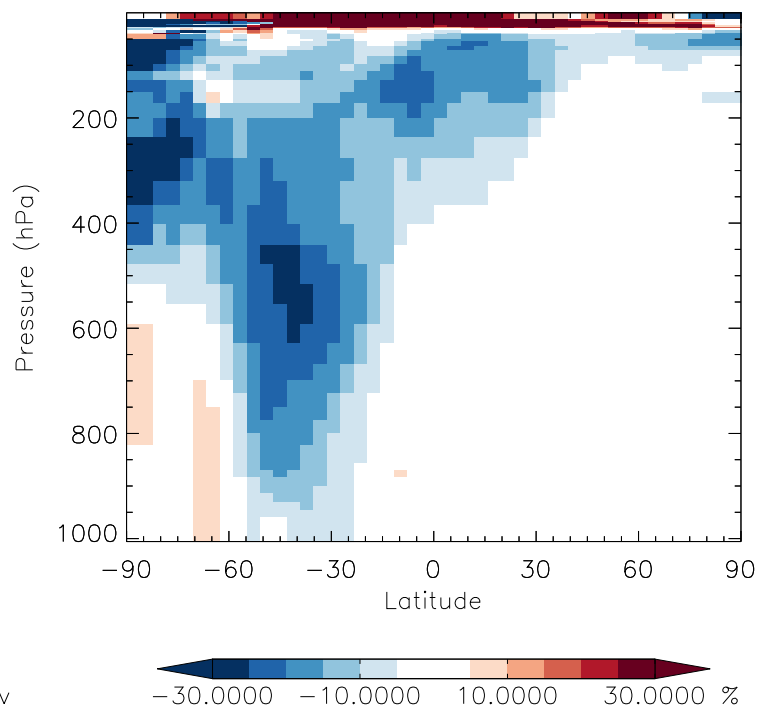
v11-01f-geosfp-Run0 - v11-01b-Run0

GLYC - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

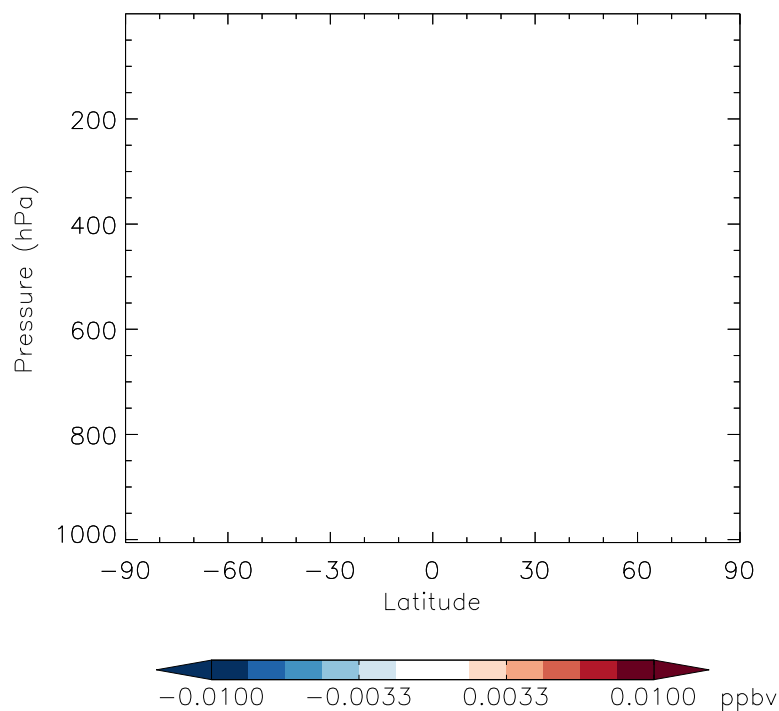
GLYC - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

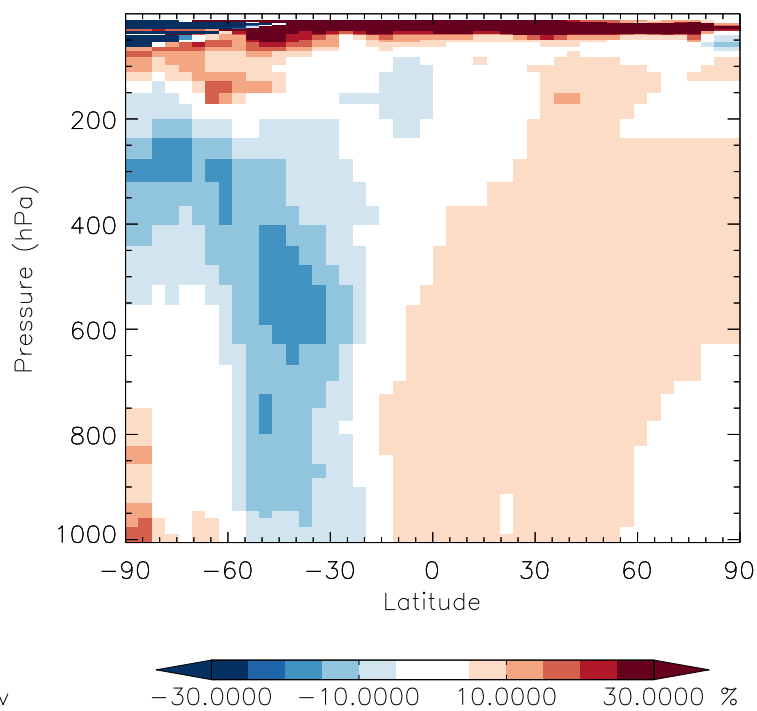
v11-01f-geosfp-Run0 - v11-01d-Run1

MMN - Zonal mean abs diff for Jan



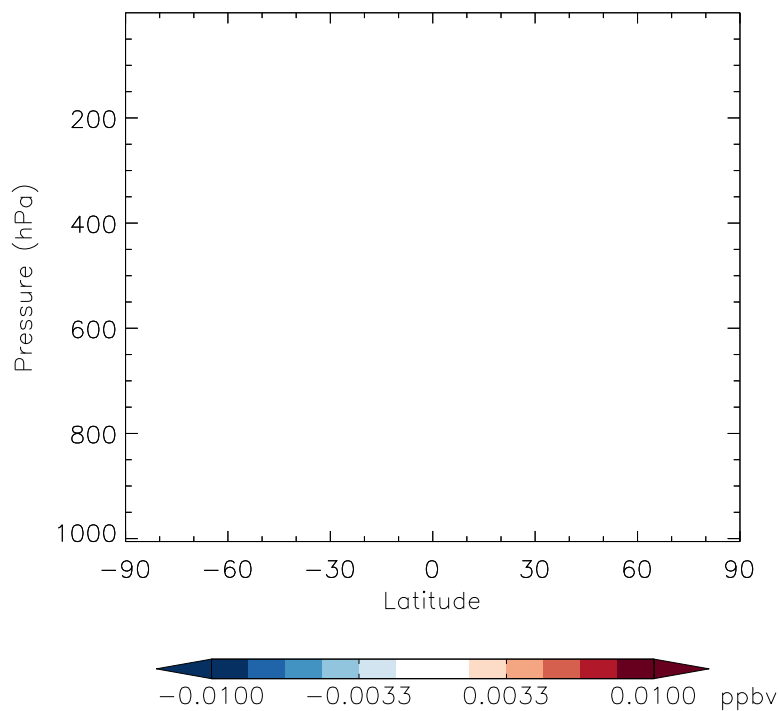
v11-01f-geosfp-Run0 / v11-01d-Run1

MMN - Zonal mean % diff for Jan



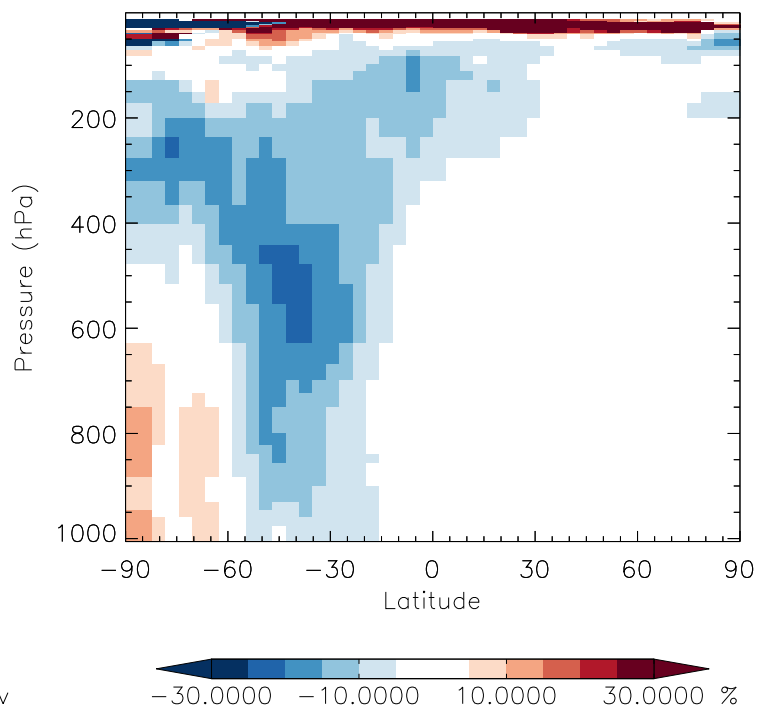
v11-01f-geosfp-Run0 - v11-01b-Run0

MMN - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

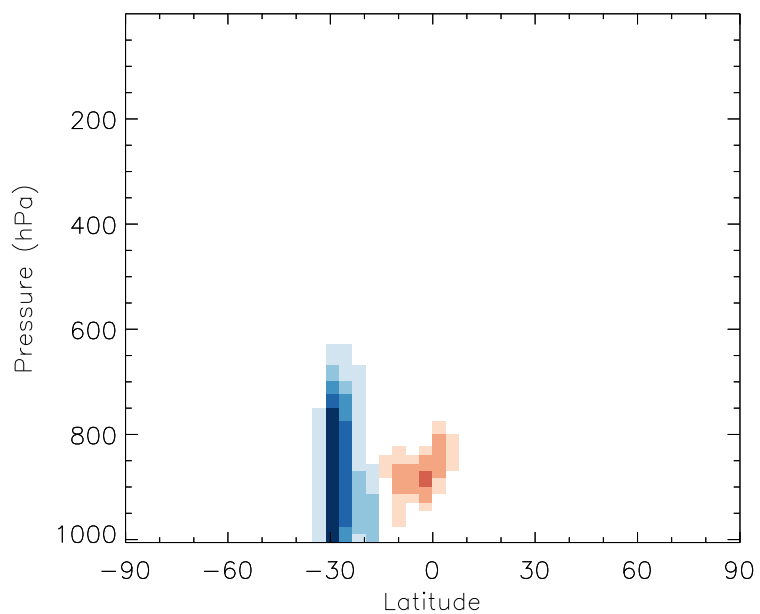
MMN - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

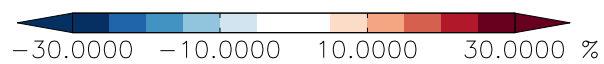
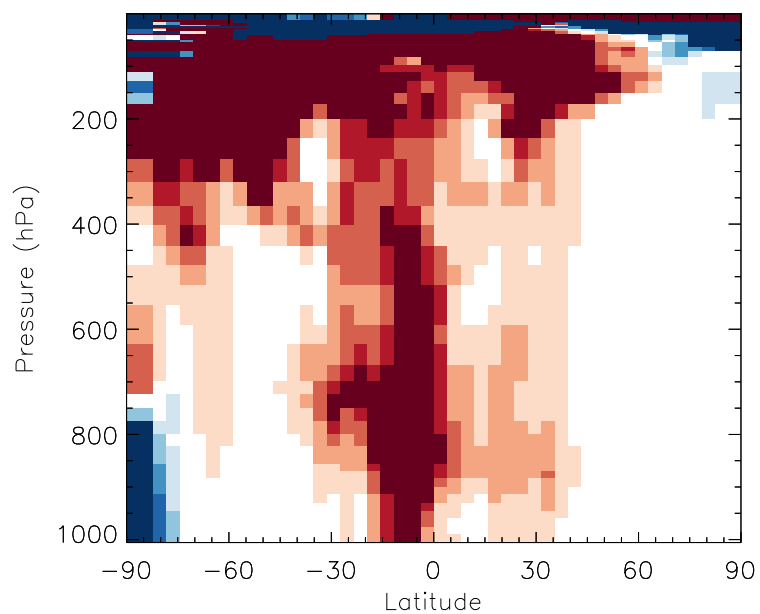
v11-01f-geosfp-Run0 - v11-01d-Run1

RIP - Zonal mean abs diff for Jan



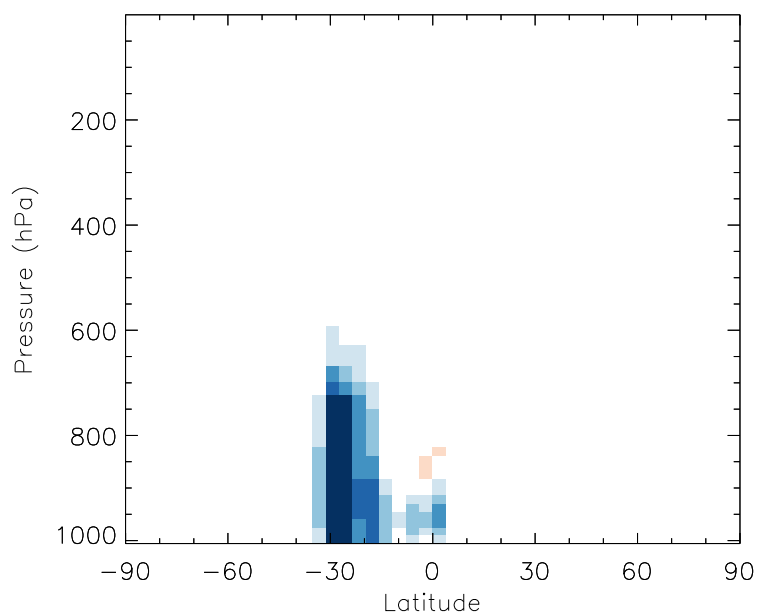
v11-01f-geosfp-Run0 / v11-01d-Run1

RIP - Zonal mean % diff for Jan



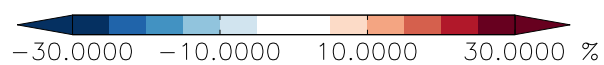
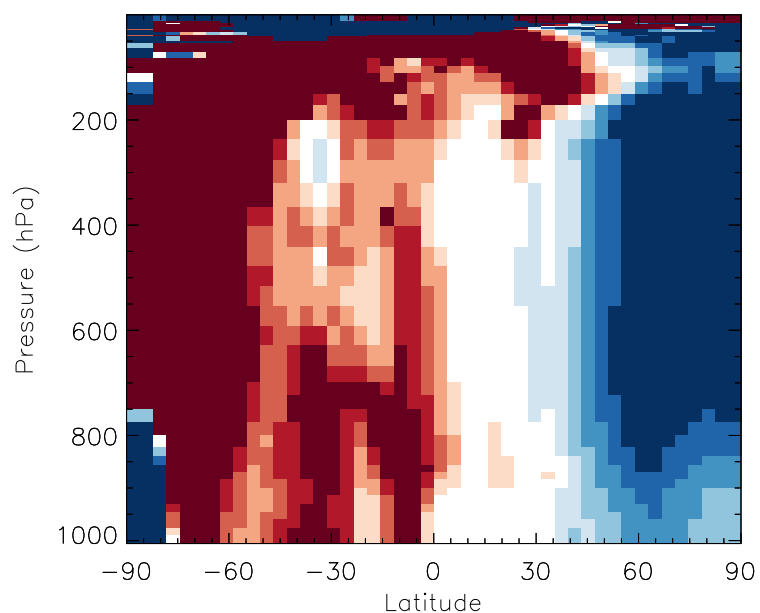
v11-01f-geosfp-Run0 - v11-01b-Run0

RIP - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

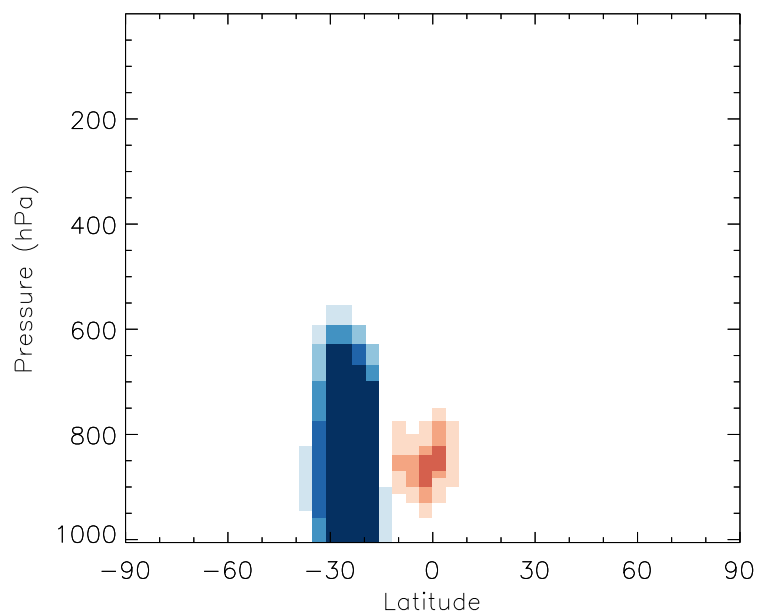
RIP - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

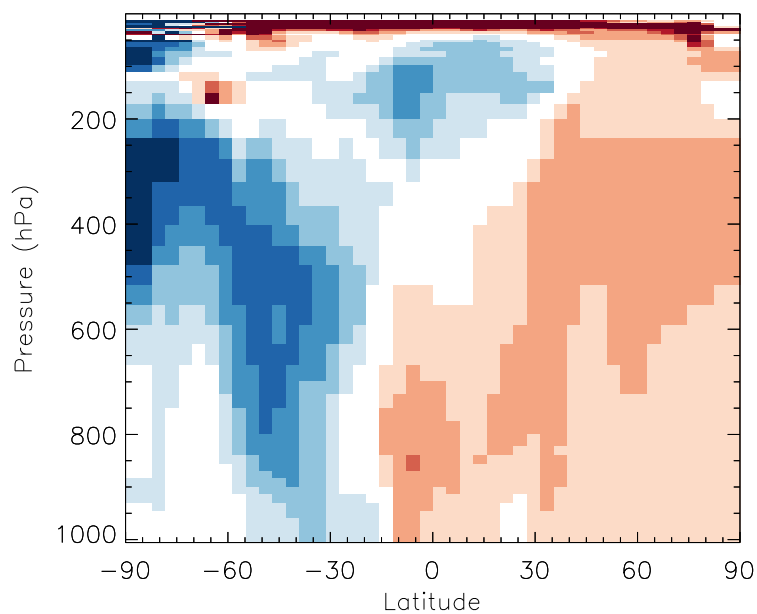
v11-01f-geosfp-Run0 - v11-01d-Run1

IEPOX - Zonal mean abs diff for Jan



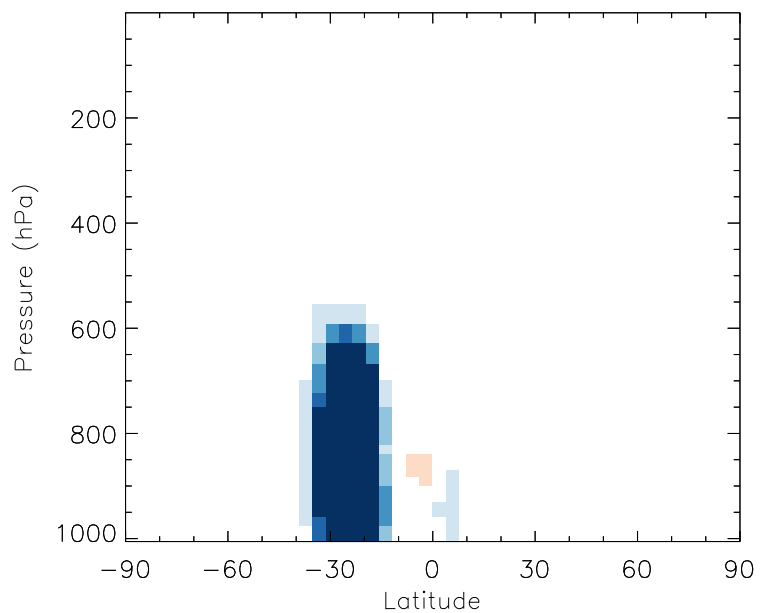
v11-01f-geosfp-Run0 / v11-01d-Run1

IEPOX - Zonal mean % diff for Jan



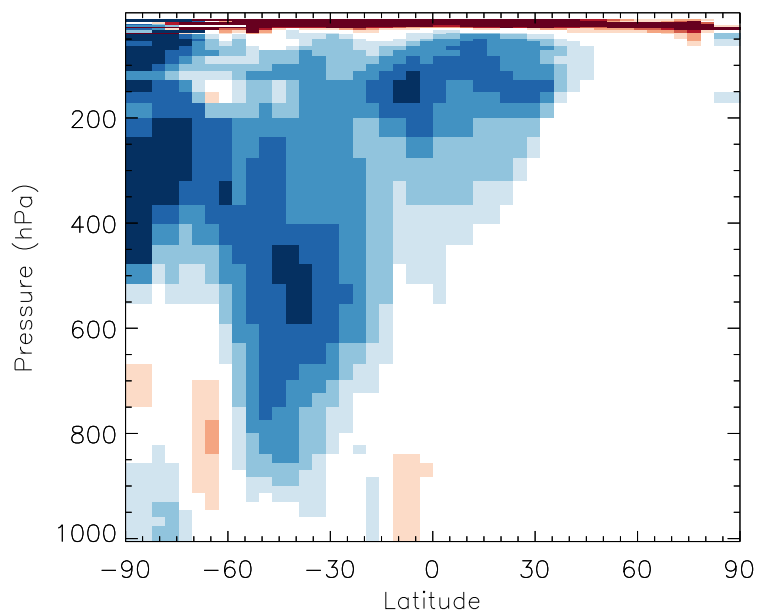
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IEPOX - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

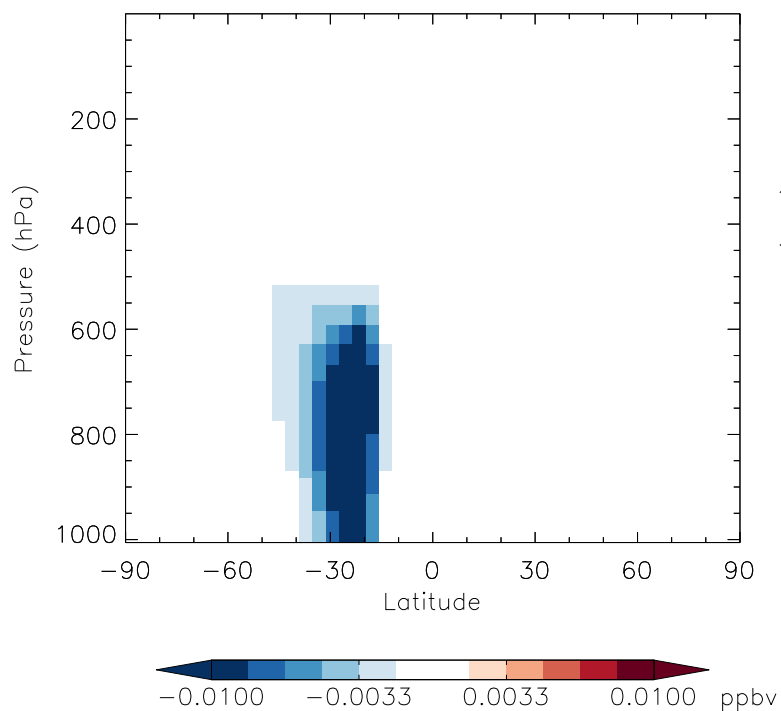
IEPOX - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

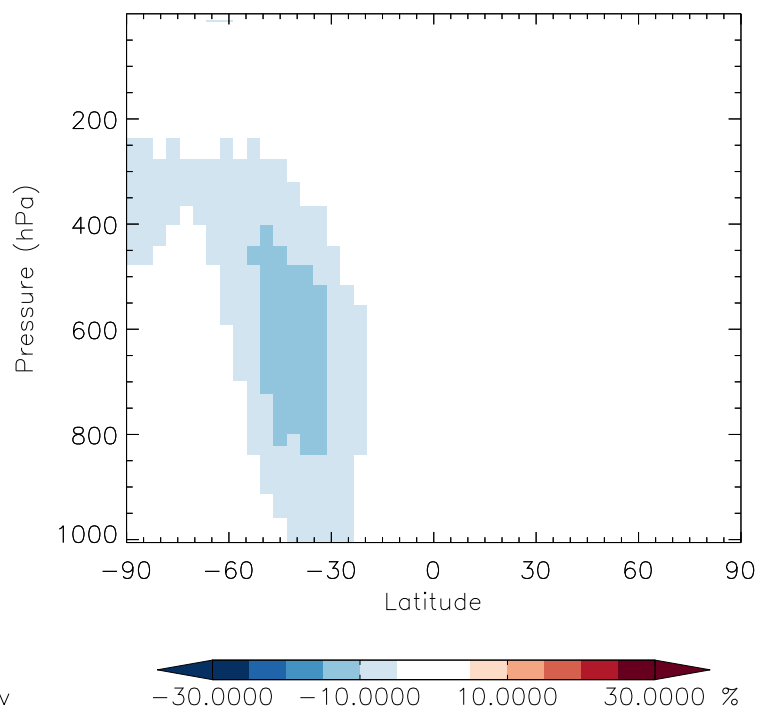
v11-01f-geosfp-Run0 - v11-01d-Run1

MAP - Zonal mean abs diff for Jan



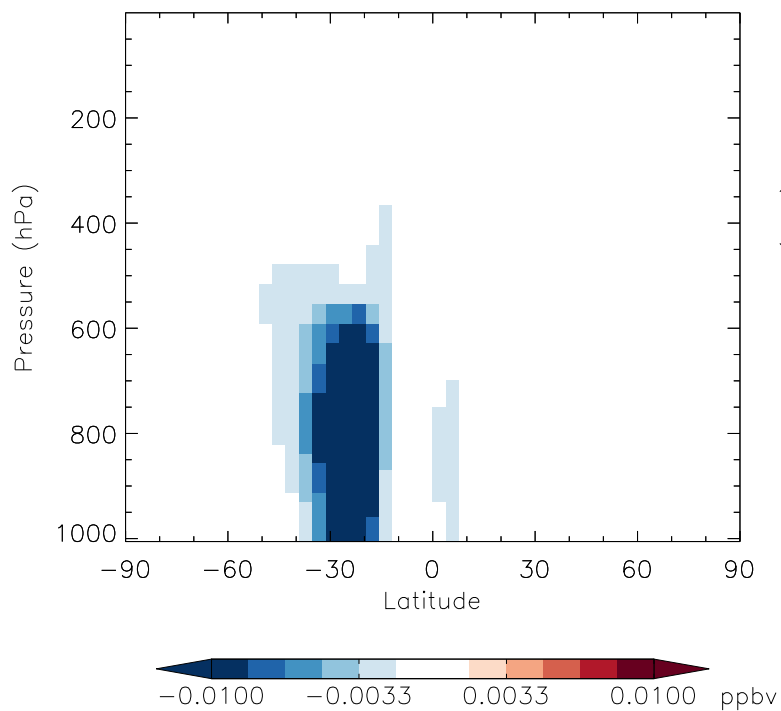
v11-01f-geosfp-Run0 / v11-01d-Run1

MAP - Zonal mean % diff for Jan



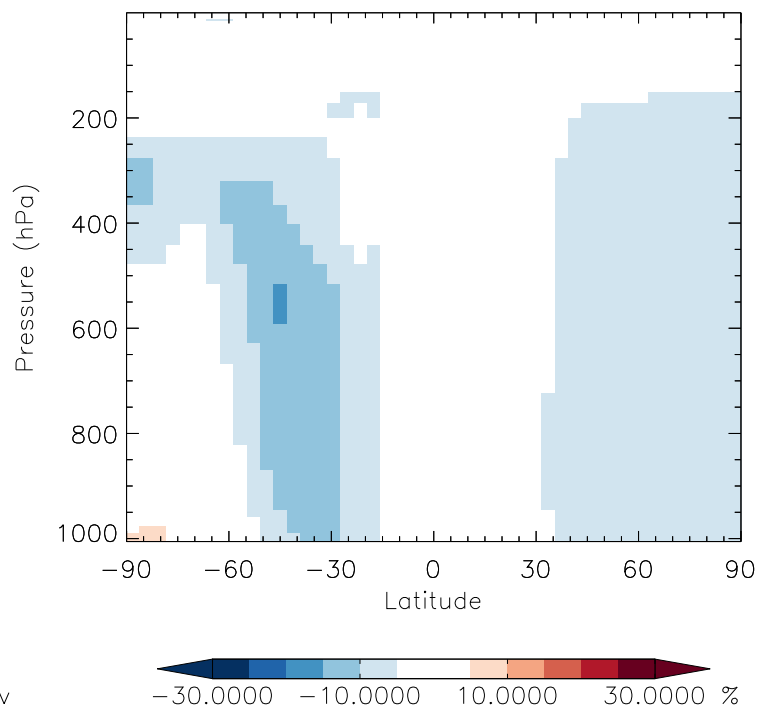
v11-01f-geosfp-Run0 - v11-01b-Run0

MAP - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

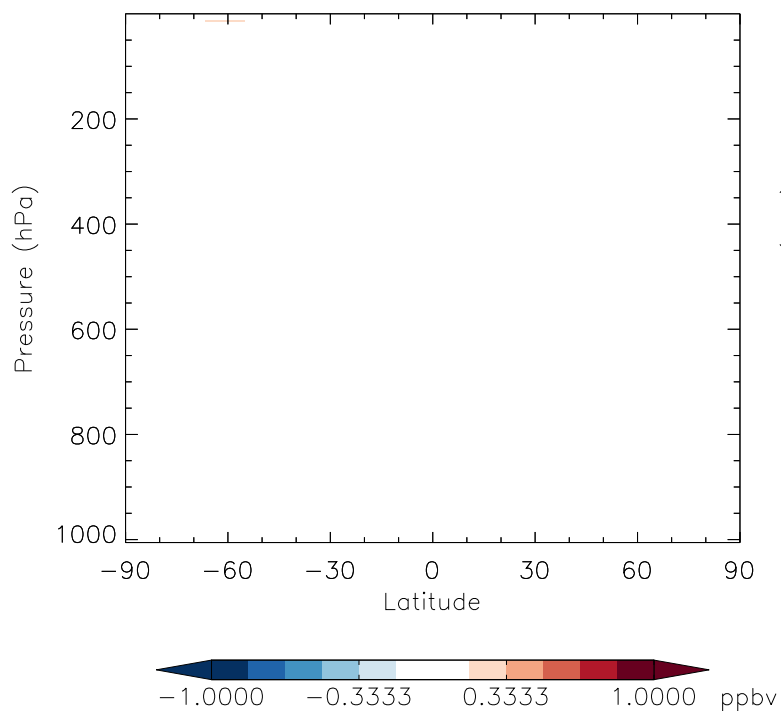
MAP - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

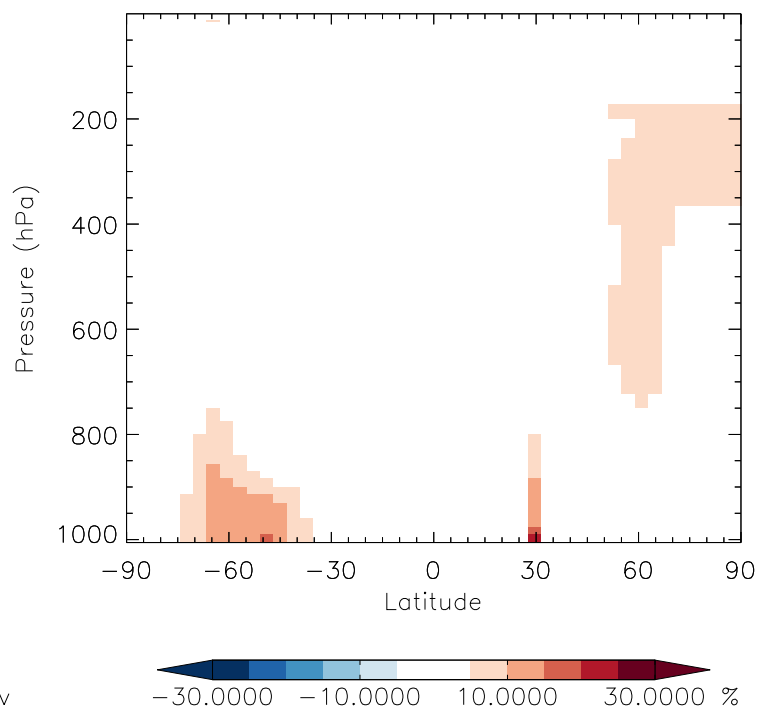
v11-01f-geosfp-Run0 - v11-01d-Run1

NO₂ - Zonal mean abs diff for Jan



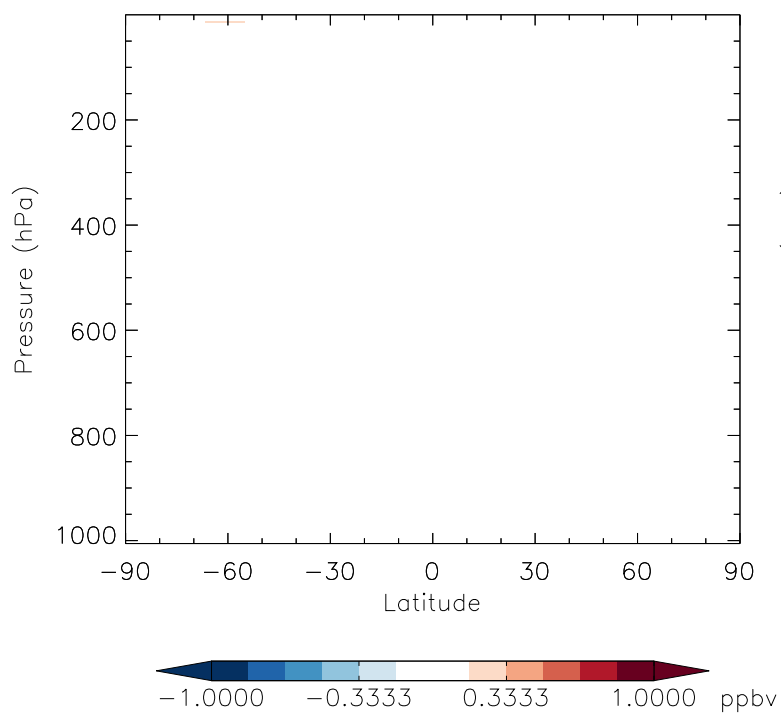
v11-01f-geosfp-Run0 / v11-01d-Run1

NO₂ - Zonal mean % diff for Jan



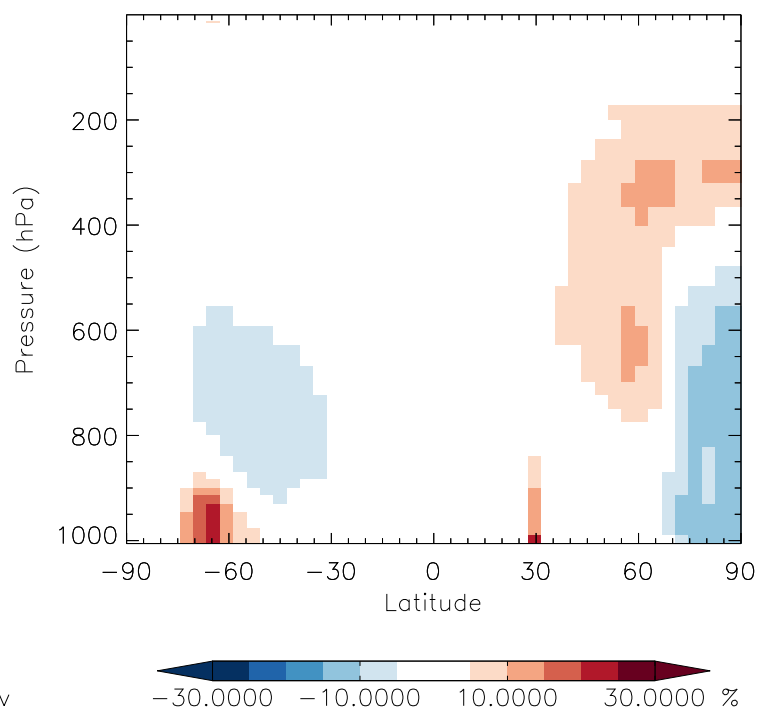
v11-01f-geosfp-Run0 - v11-01b-Run0

NO₂ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

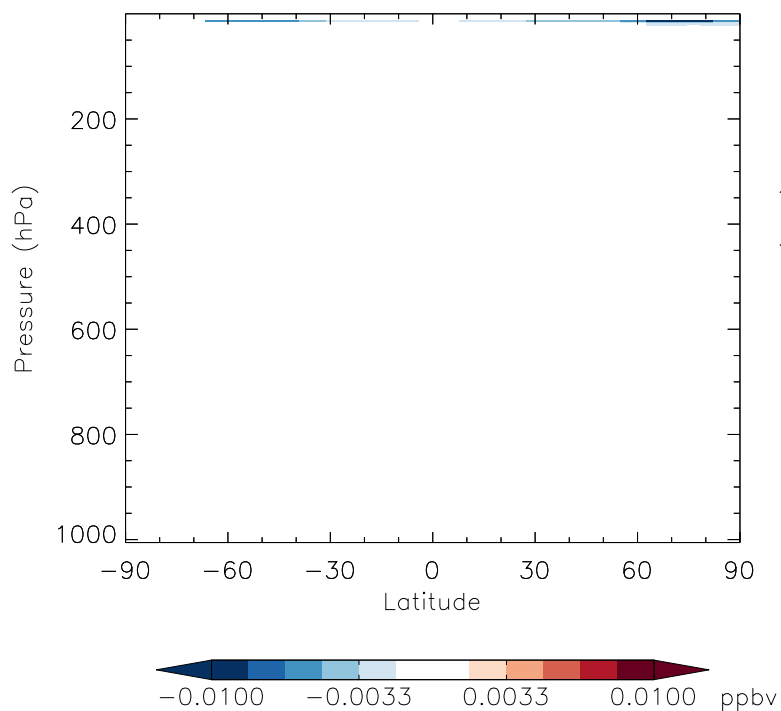
NO₂ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

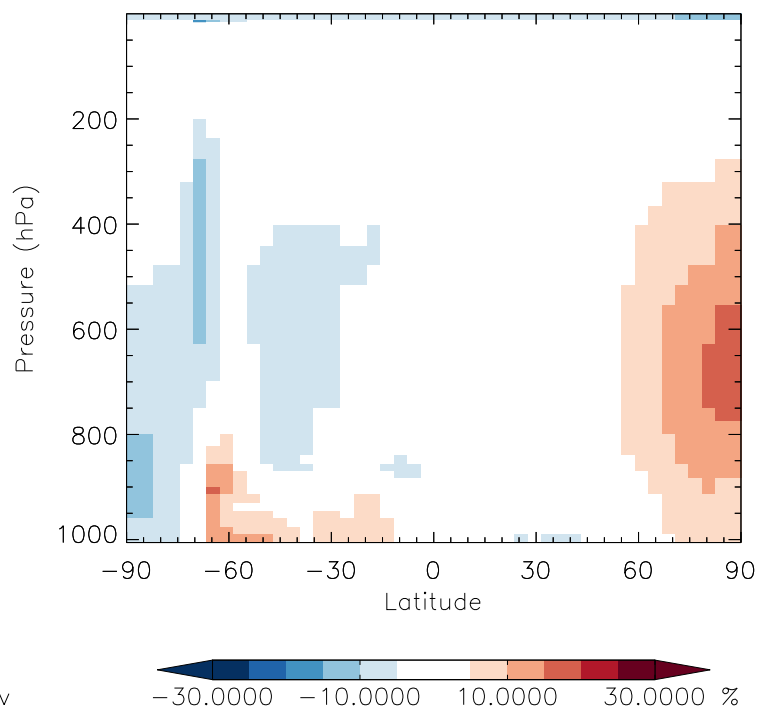
v11-01f-geosfp-Run0 - v11-01d-Run1

NO₃ - Zonal mean abs diff for Jan



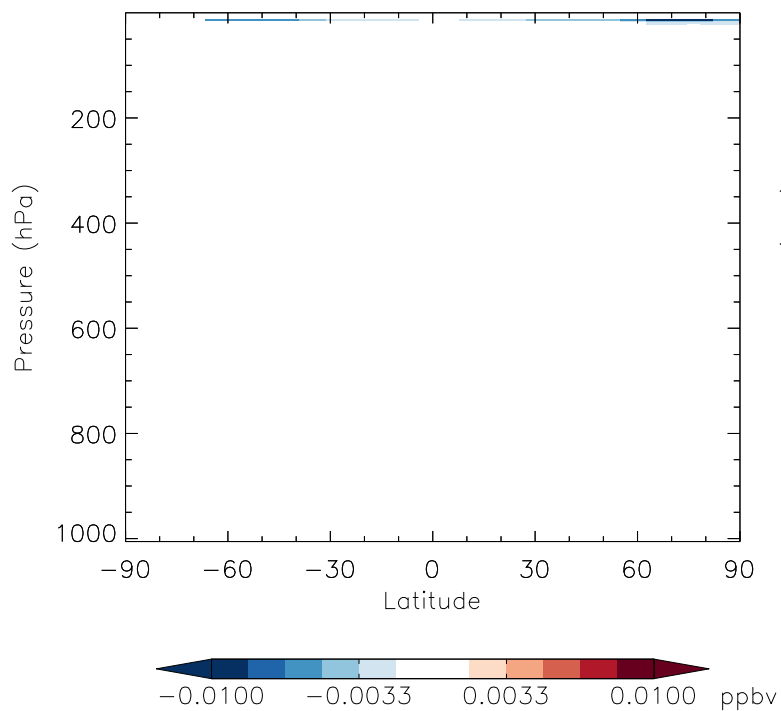
v11-01f-geosfp-Run0 / v11-01d-Run1

NO₃ - Zonal mean % diff for Jan



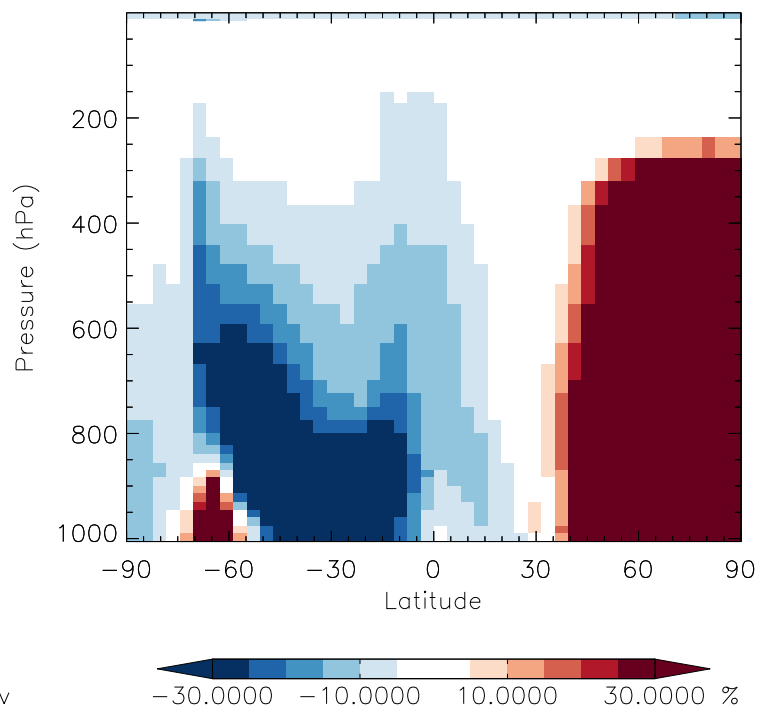
v11-01f-geosfp-Run0 - v11-01b-Run0

NO₃ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

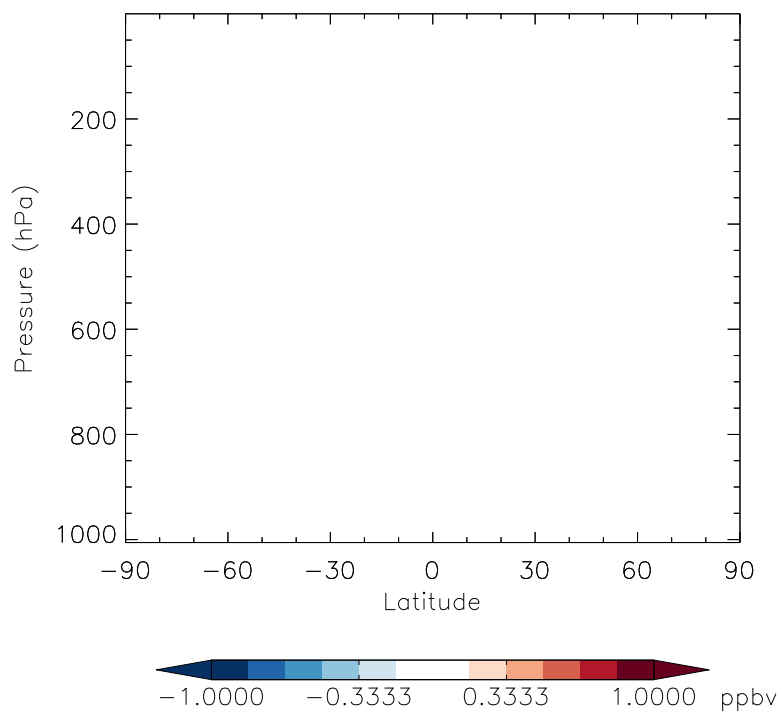
NO₃ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

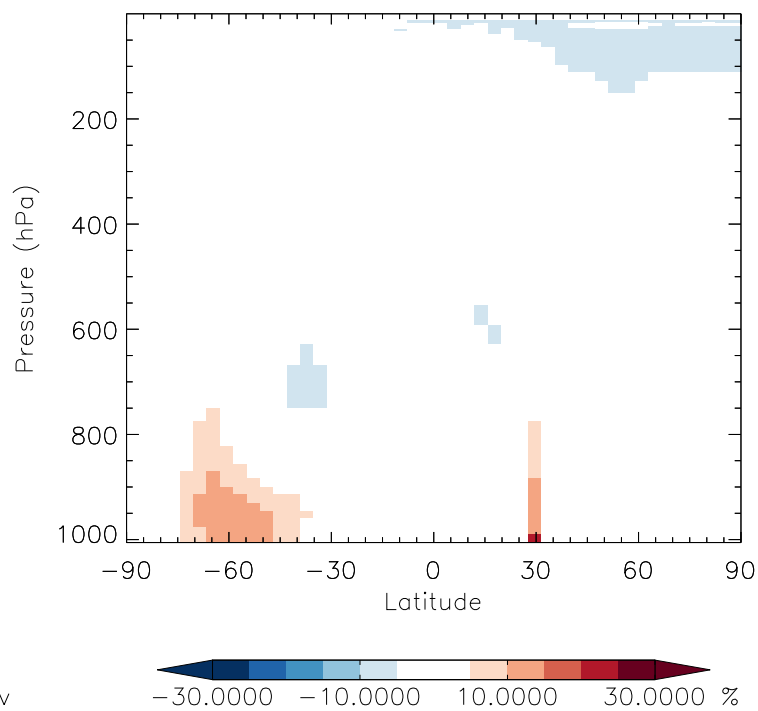
v11-01f-geosfp-Run0 - v11-01d-Run1

HNO₂ - Zonal mean abs diff for Jan



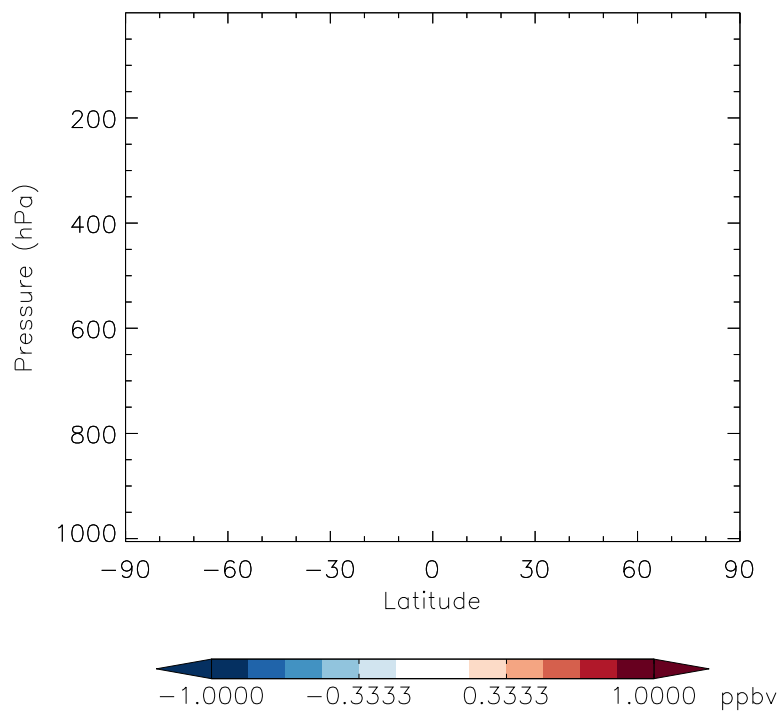
v11-01f-geosfp-Run0 / v11-01d-Run1

HNO₂ - Zonal mean % diff for Jan



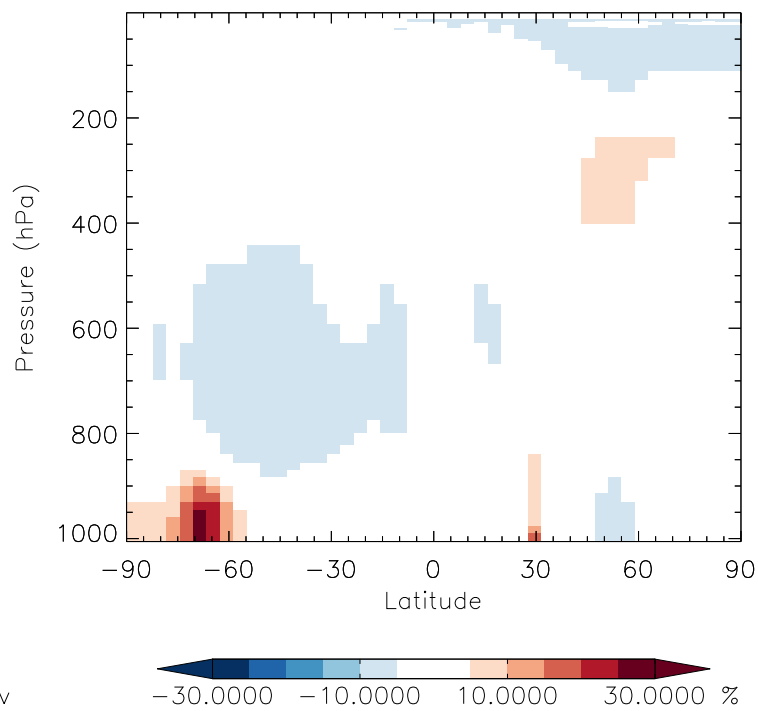
v11-01f-geosfp-Run0 - v11-01b-Run0

HNO₂ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

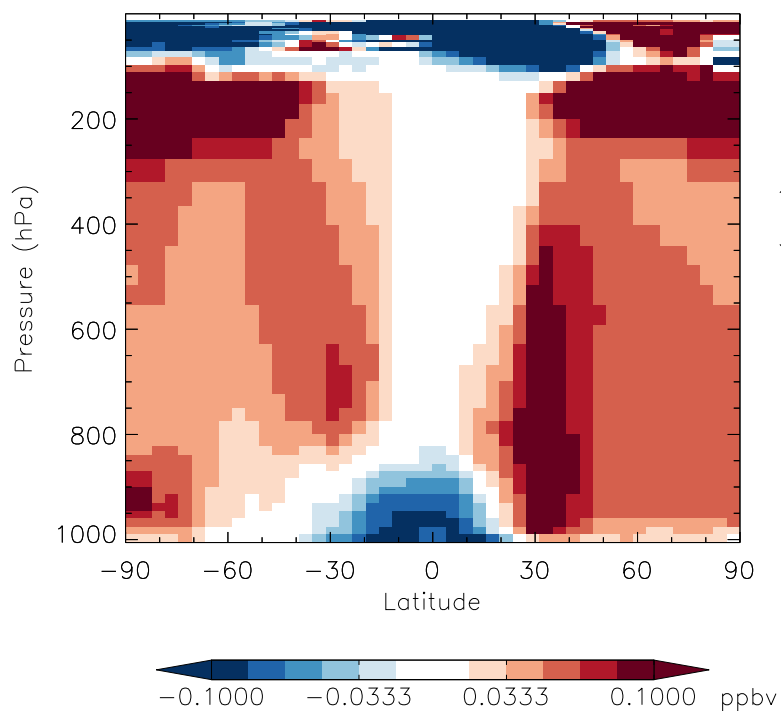
HNO₂ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

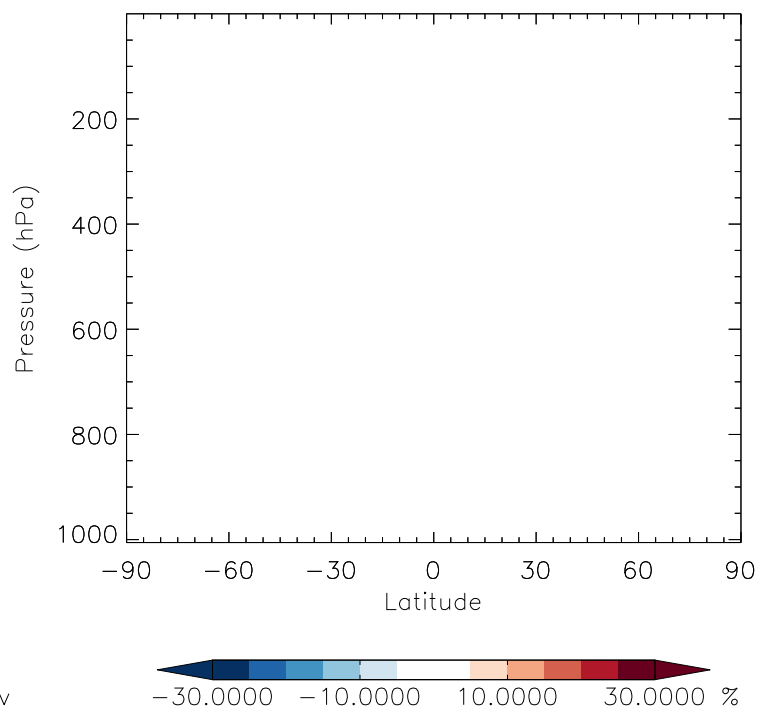
v11-01f-geosfp-Run0 - v11-01d-Run1

N2O - Zonal mean abs diff for Jan



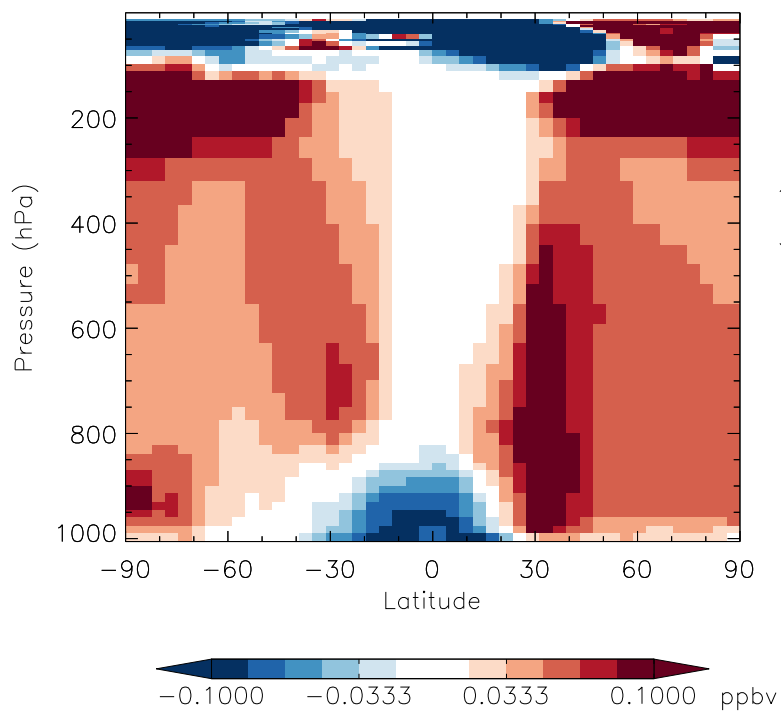
v11-01f-geosfp-Run0 / v11-01d-Run1

N2O - Zonal mean % diff for Jan



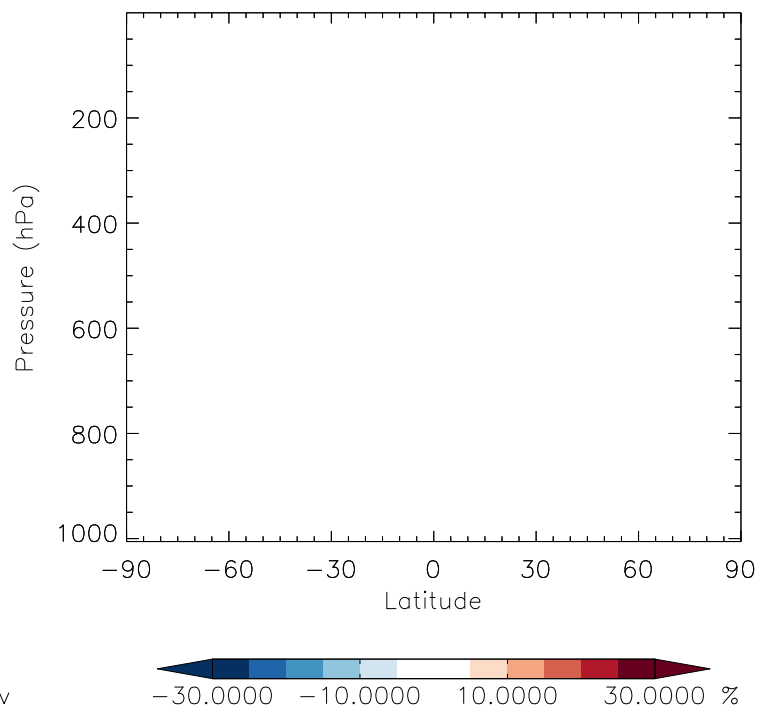
v11-01f-geosfp-Run0 - v11-01b-Run0

N2O - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

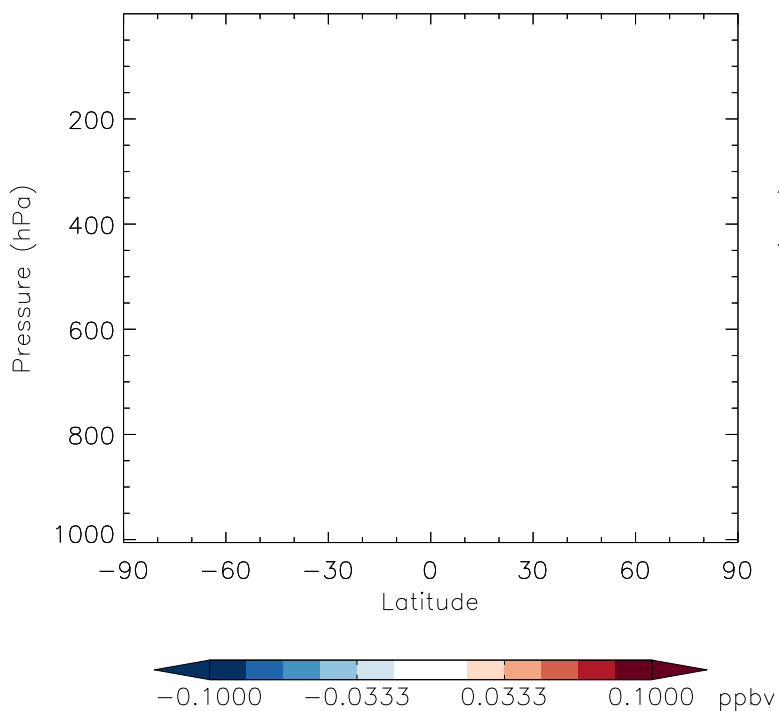
N2O - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

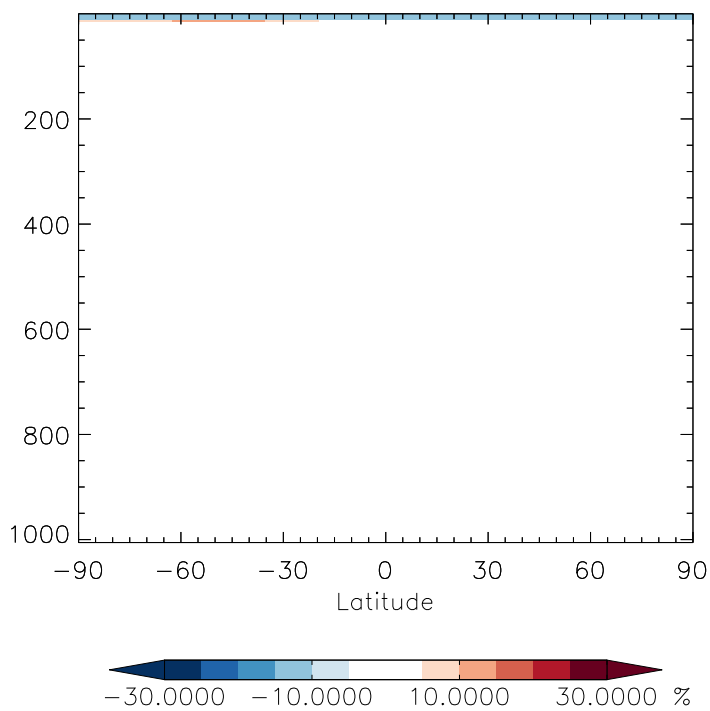
v11-01f-geosfp-Run0 - v11-01d-Run1

OCS - Zonal mean abs diff for Jan



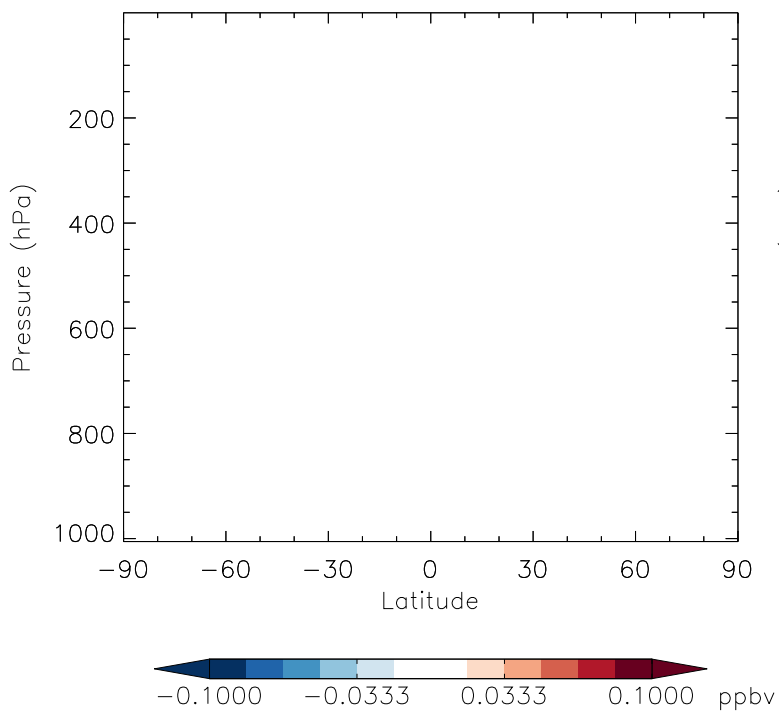
v11-01f-geosfp-Run0 / v11-01d-Run1

OCS - Zonal mean % diff for Jan



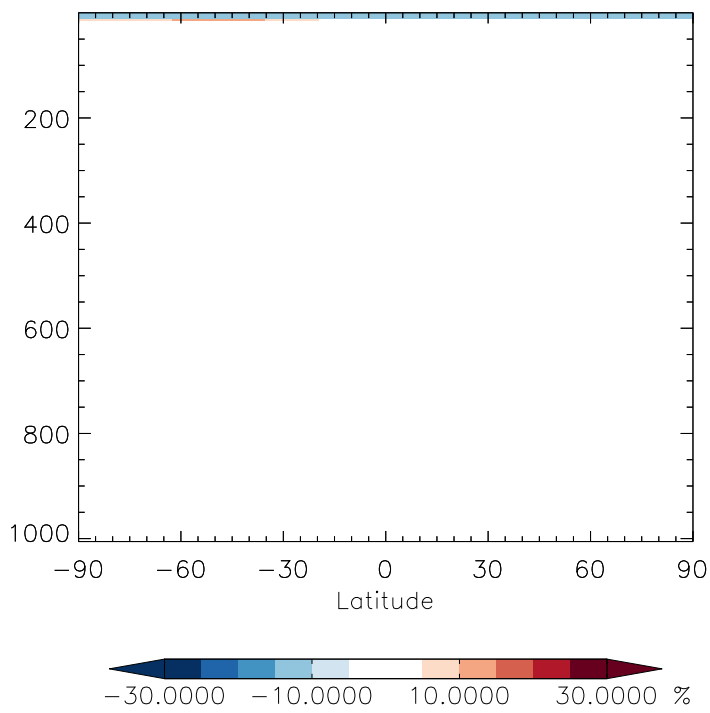
v11-01f-geosfp-Run0 - v11-01b-Run0

OCS - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

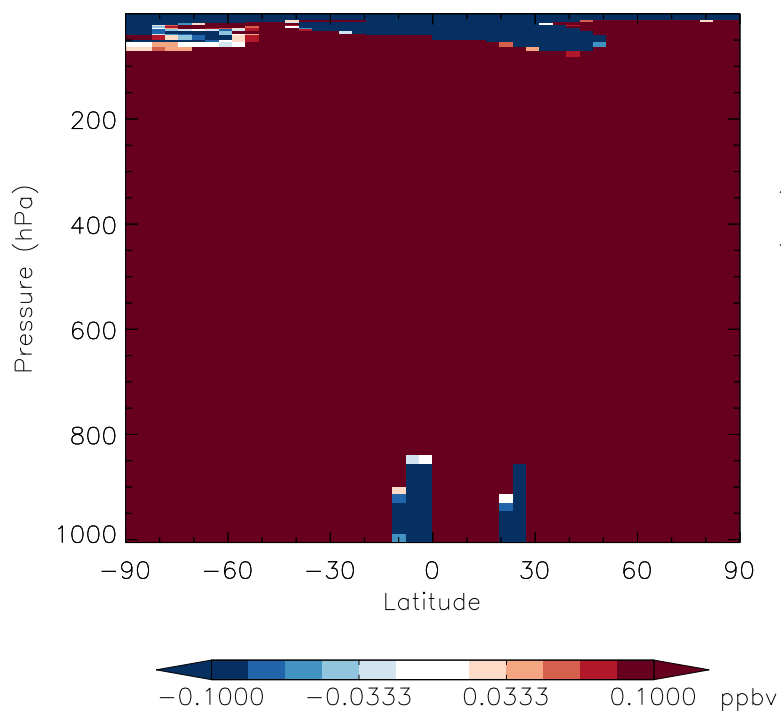
OCS - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

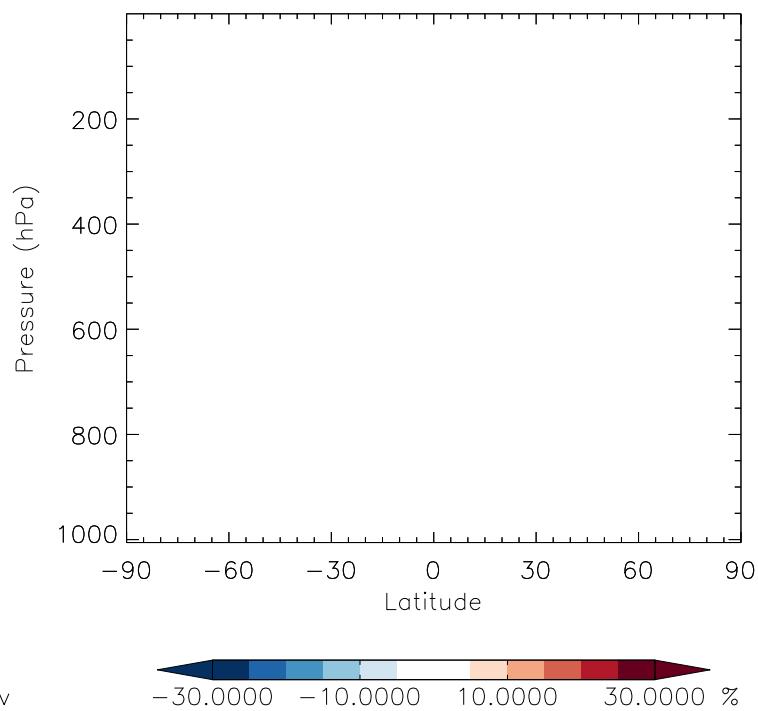
v11-01f-geosfp-Run0 - v11-01d-Run1

CH₄ - Zonal mean abs diff for Jan



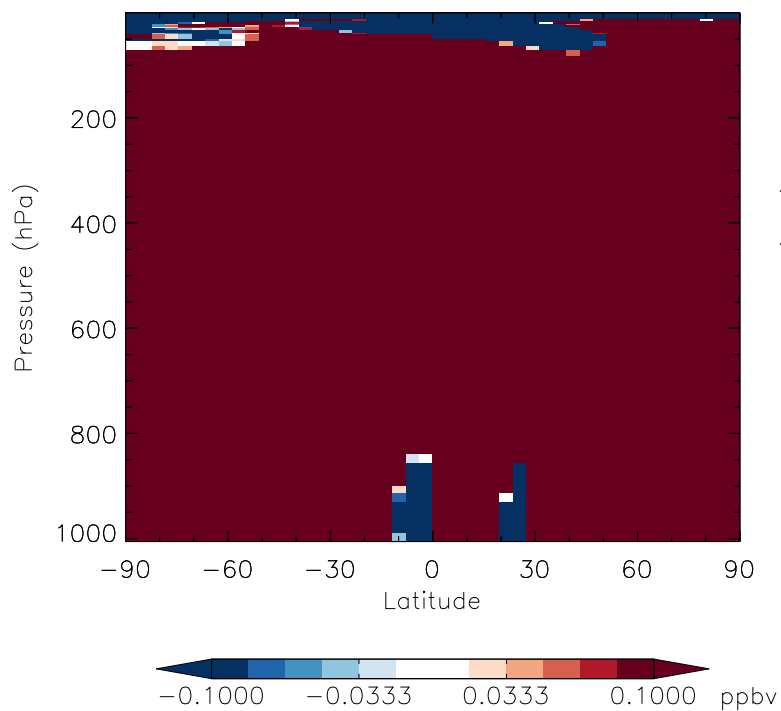
v11-01f-geosfp-Run0 / v11-01d-Run1

CH₄ - Zonal mean % diff for Jan



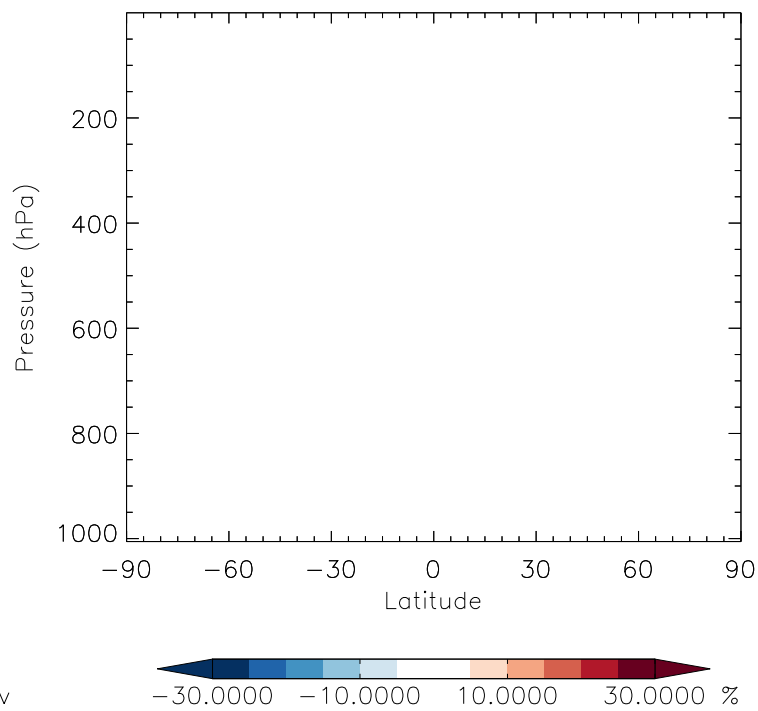
v11-01f-geosfp-Run0 - v11-01b-Run0

CH₄ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

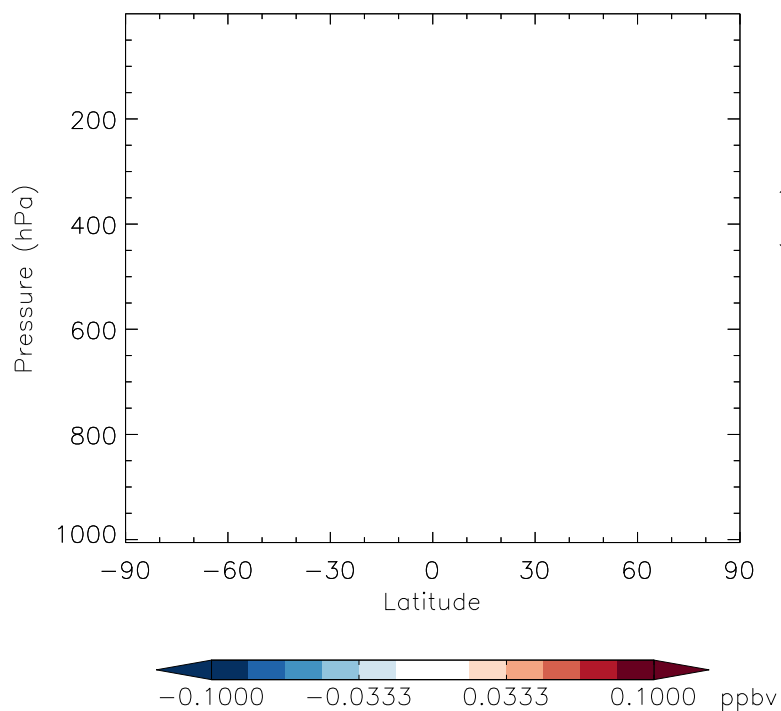
CH₄ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

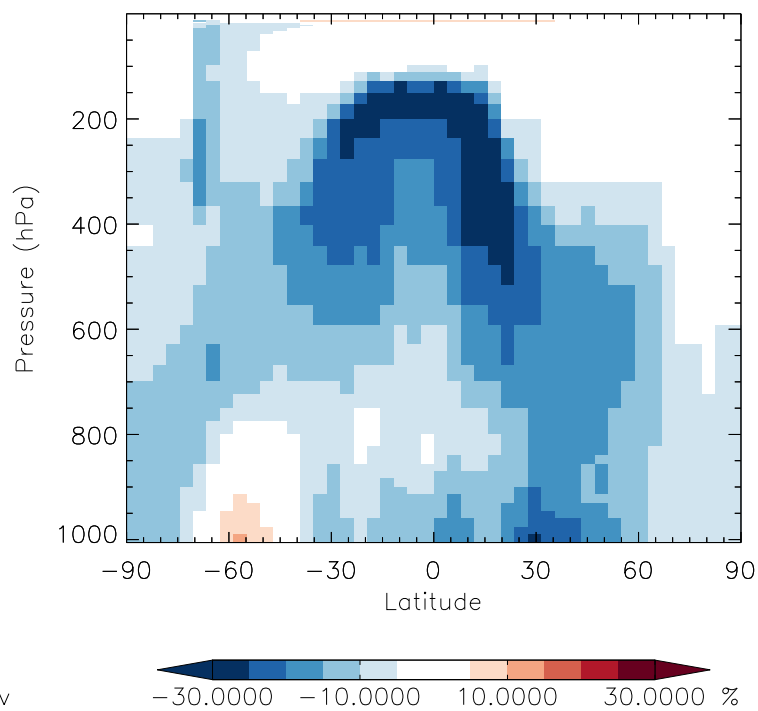
v11-01f-geosfp-Run0 - v11-01d-Run1

BrCl - Zonal mean abs diff for Jan



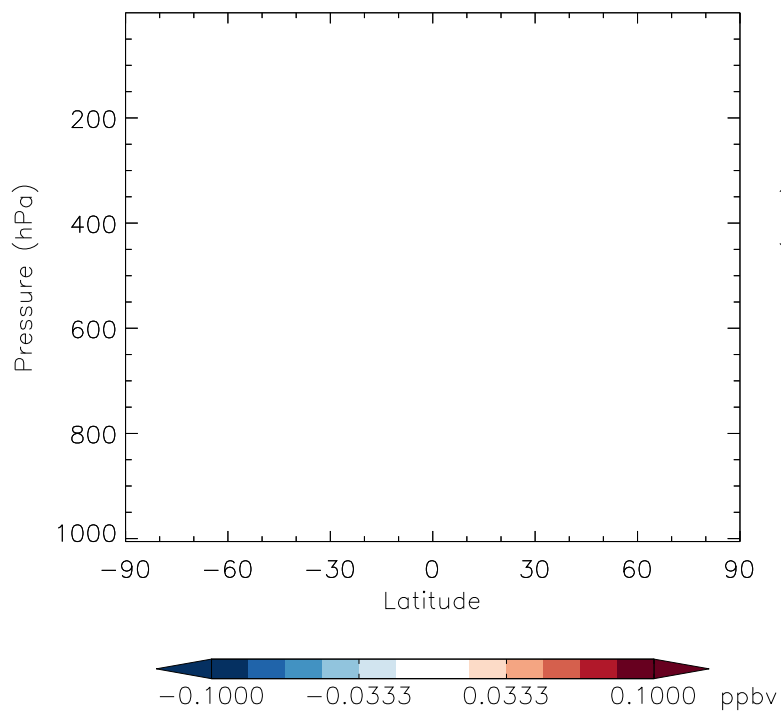
v11-01f-geosfp-Run0 / v11-01d-Run1

BrCl - Zonal mean % diff for Jan



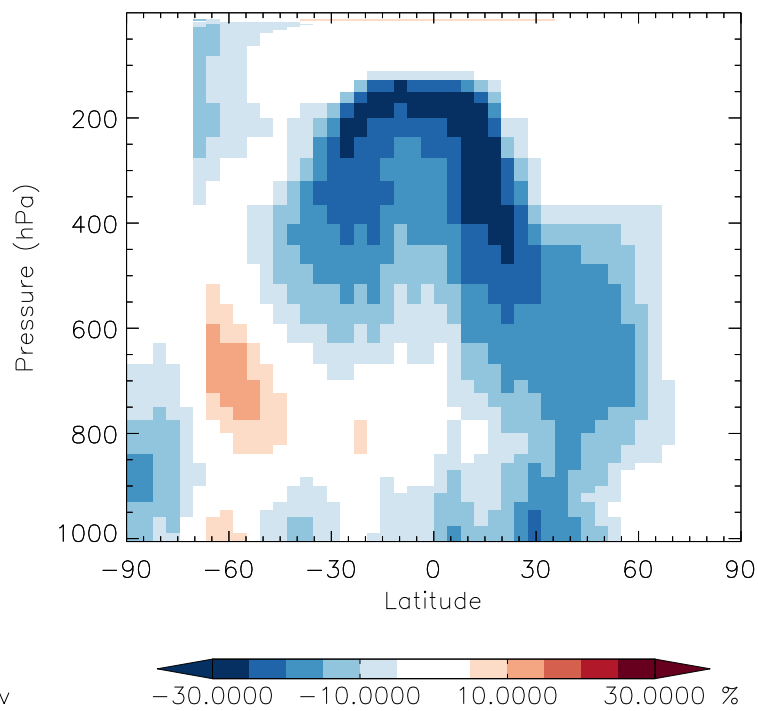
v11-01f-geosfp-Run0 - v11-01b-Run0

BrCl - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

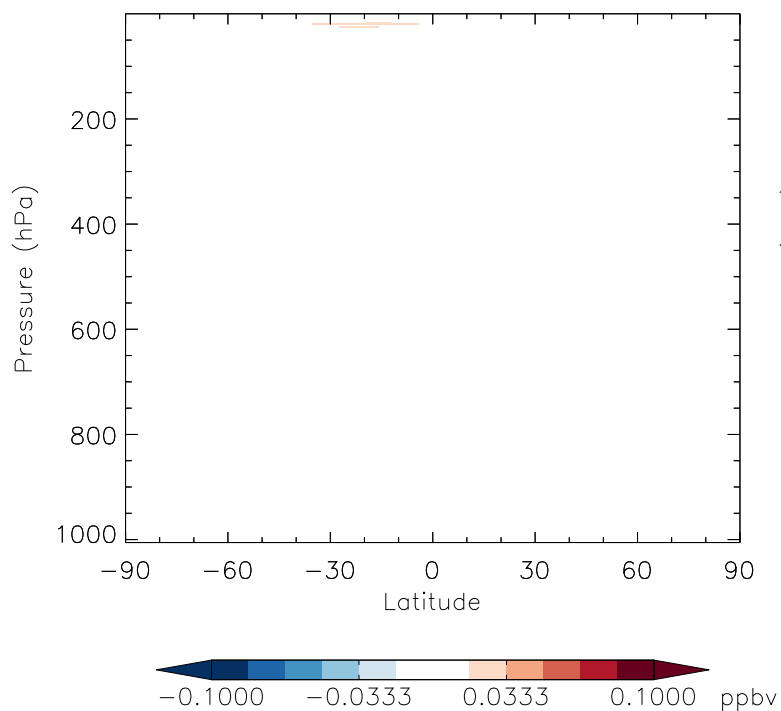
BrCl - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

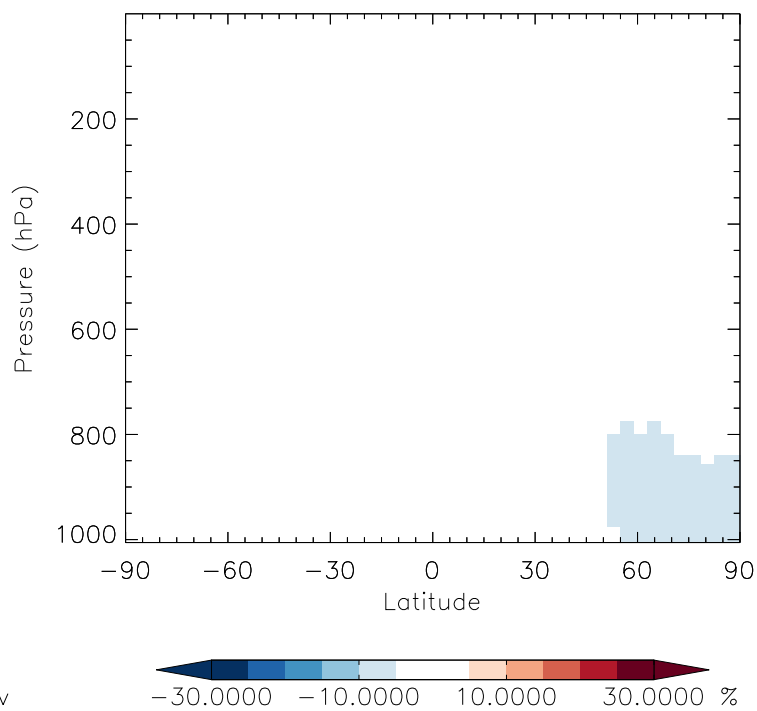
v11-01f-geosfp-Run0 - v11-01d-Run1

HCl - Zonal mean abs diff for Jan



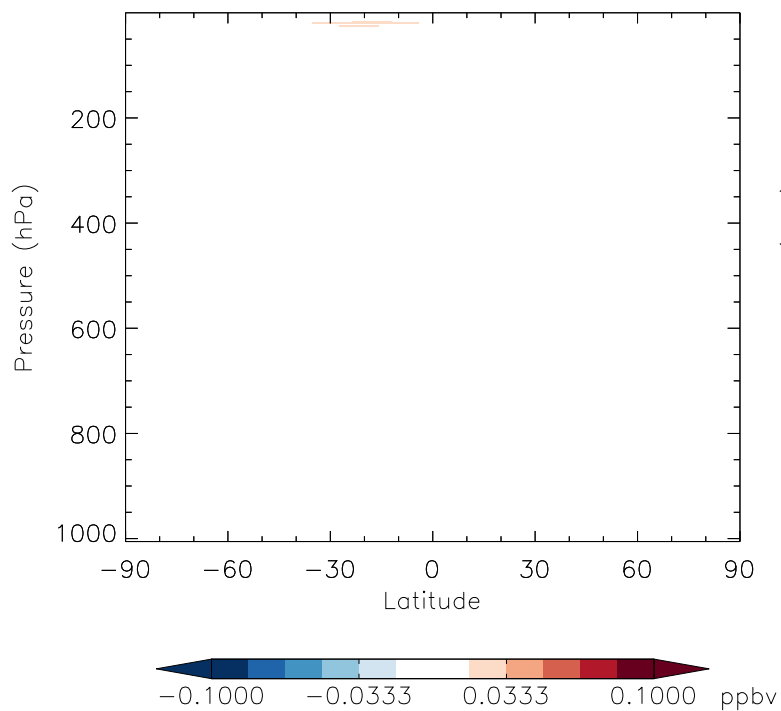
v11-01f-geosfp-Run0 / v11-01d-Run1

HCl - Zonal mean % diff for Jan



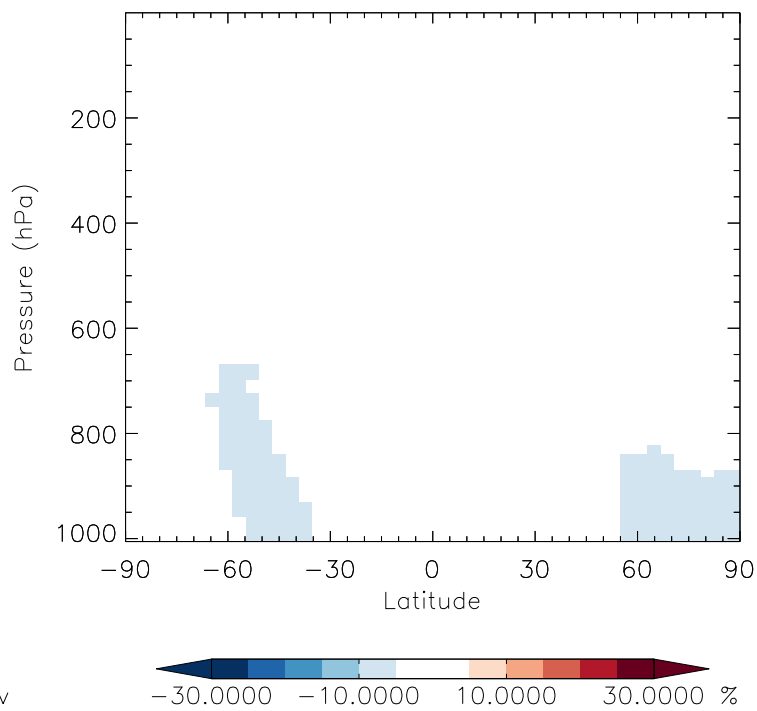
v11-01f-geosfp-Run0 - v11-01b-Run0

HCl - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

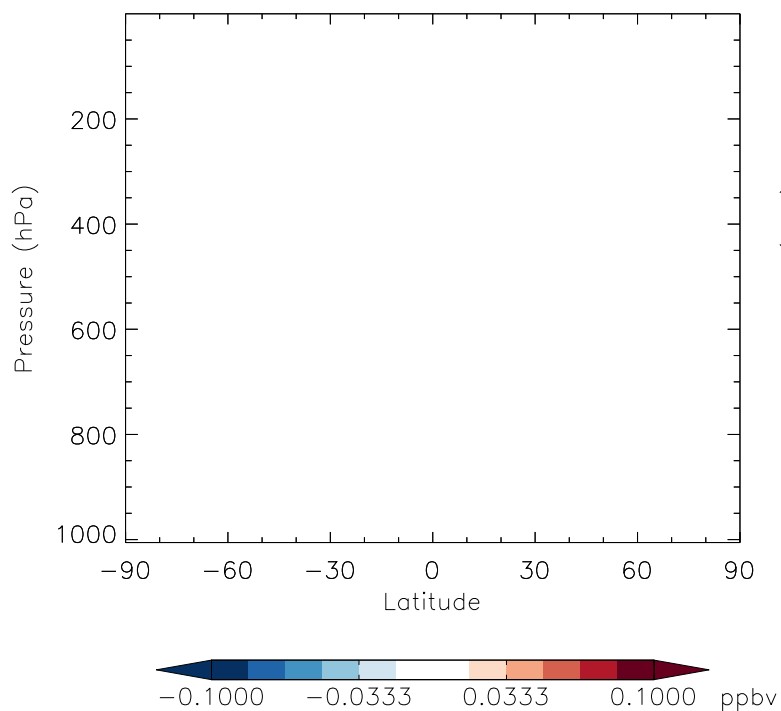
HCl - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

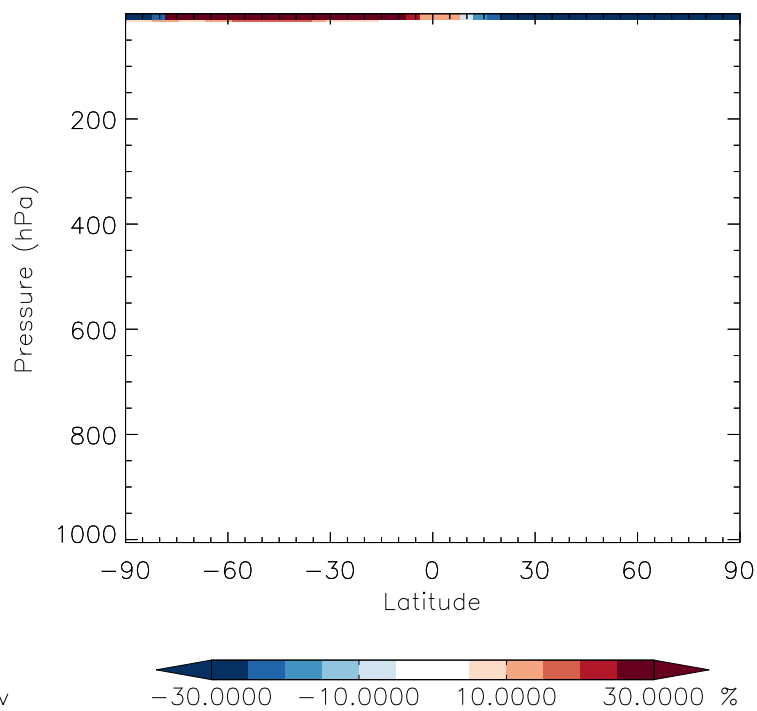
v11-01f-geosfp-Run0 - v11-01d-Run1

CCl4 - Zonal mean abs diff for Jan



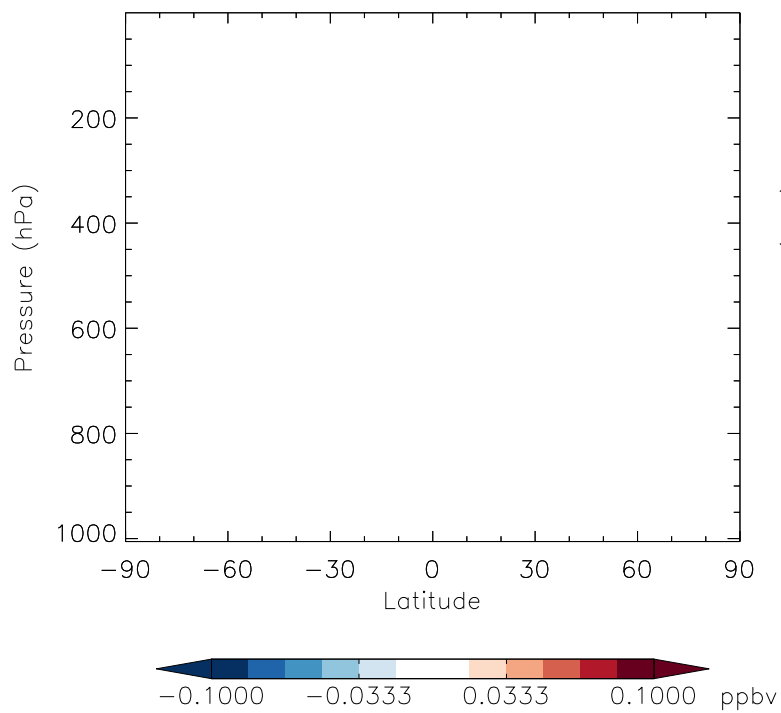
v11-01f-geosfp-Run0 / v11-01d-Run1

CCl4 - Zonal mean % diff for Jan



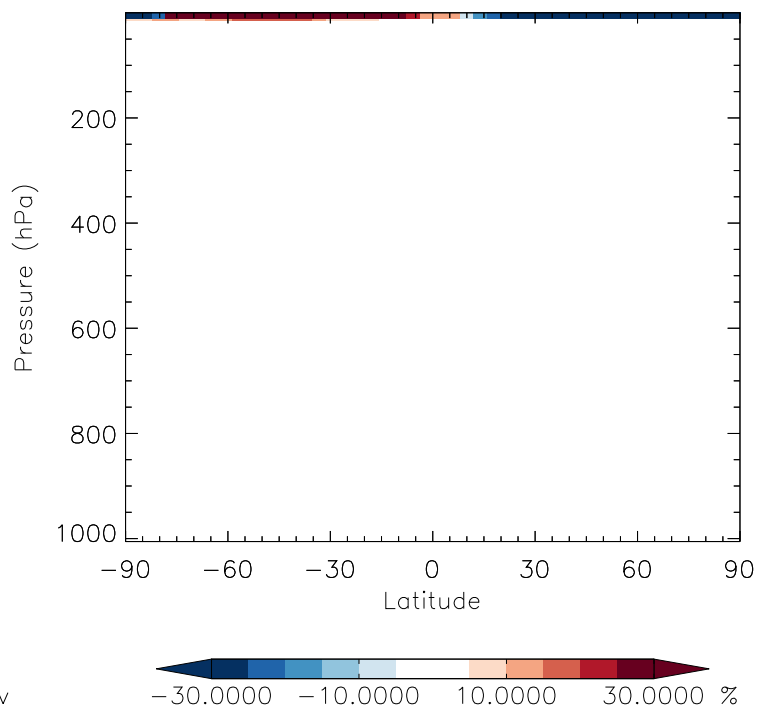
v11-01f-geosfp-Run0 - v11-01b-Run0

CCl4 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

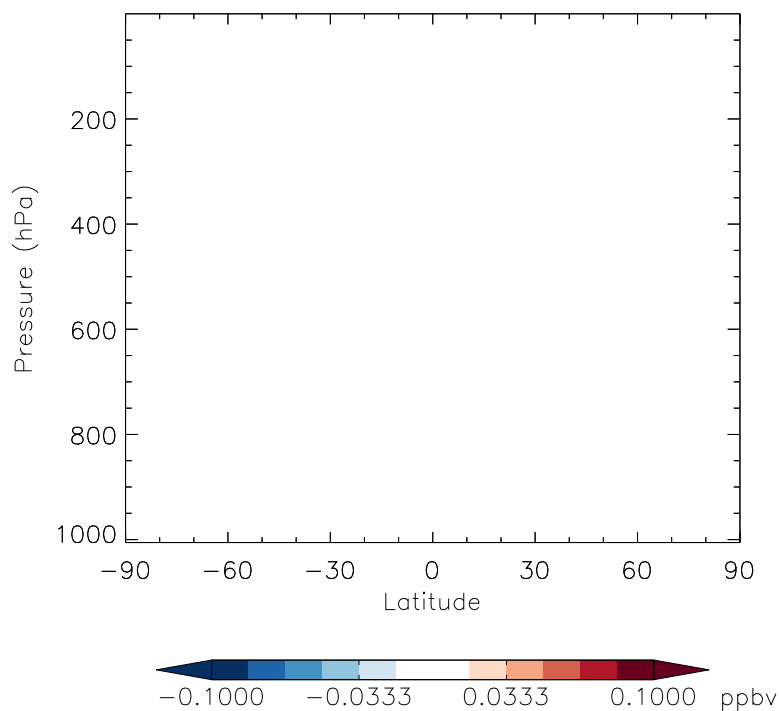
CCl4 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

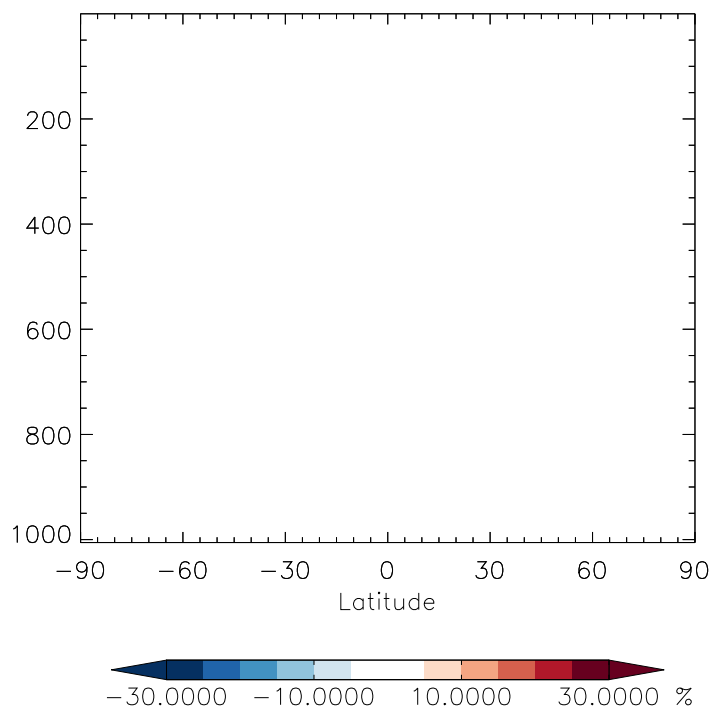
v11-01f-geosfp-Run0 - v11-01d-Run1

CH₃Cl - Zonal mean abs diff for Jan



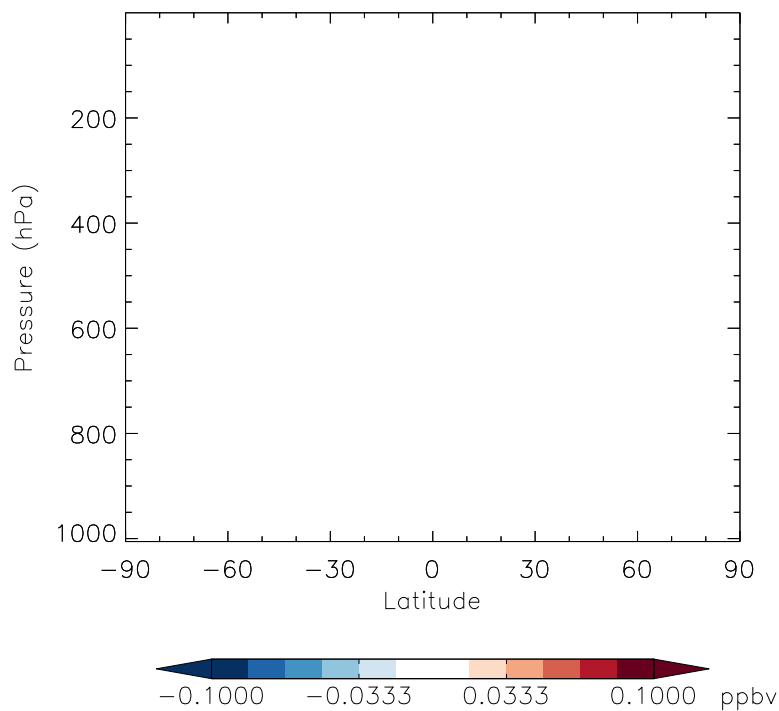
v11-01f-geosfp-Run0 / v11-01d-Run1

CH₃Cl - Zonal mean % diff for Jan



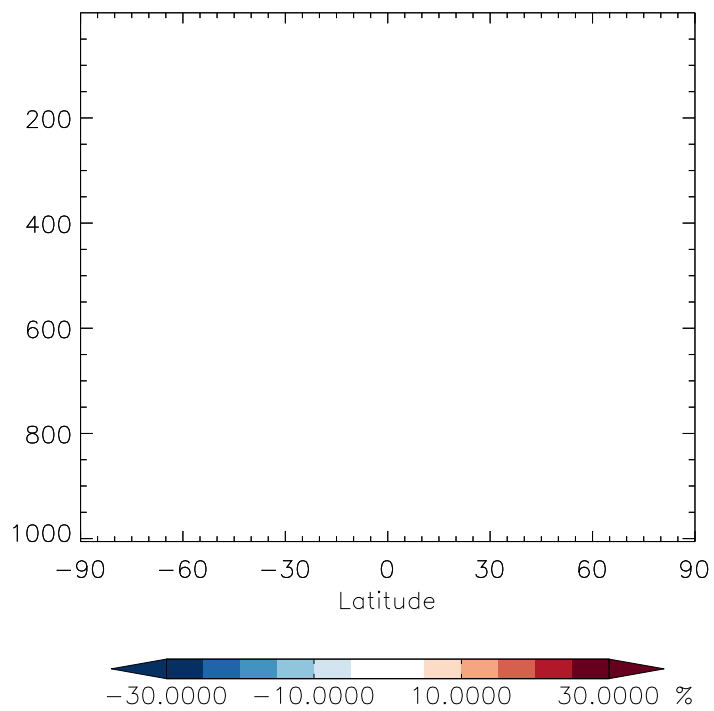
v11-01f-geosfp-Run0 - v11-01b-Run0

CH₃Cl - Zonal mean abs diff for Jan



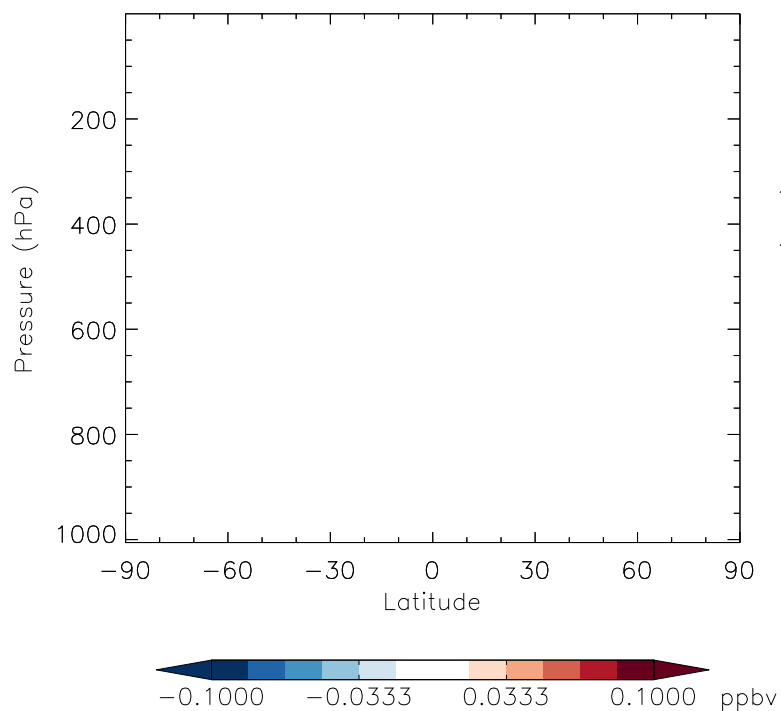
v11-01f-geosfp-Run0 / v11-01b-Run0

CH₃Cl - Zonal mean % diff for Jan

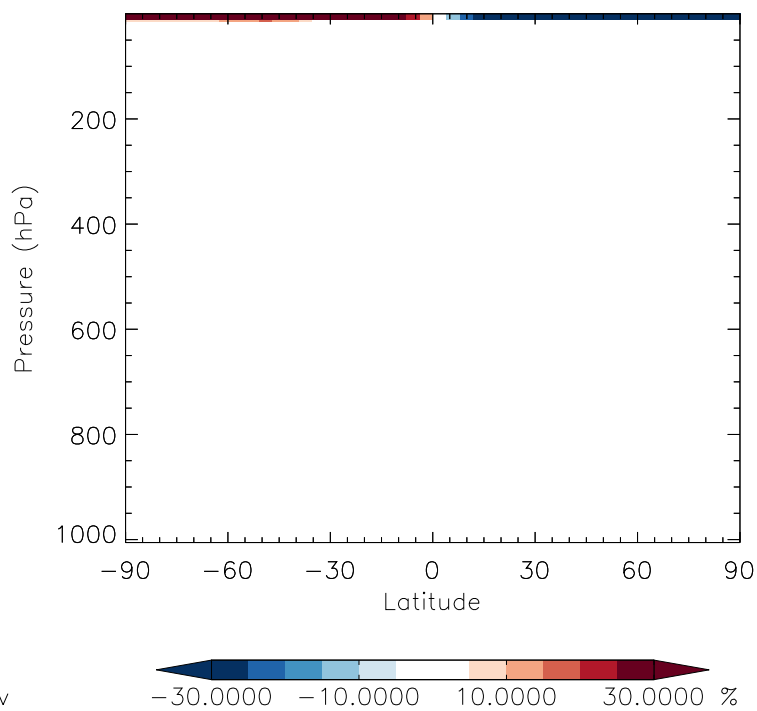


GEOS-Chem Zonal Difference Maps

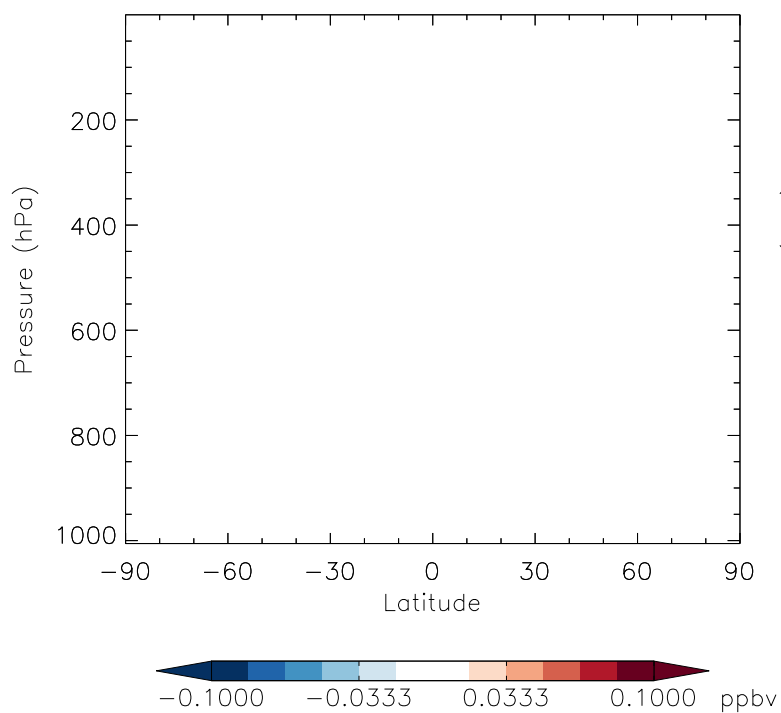
v11-01f-geosfp-Run0 - v11-01d-Run1
CH₃CCl₃ - Zonal mean abs diff for Jan



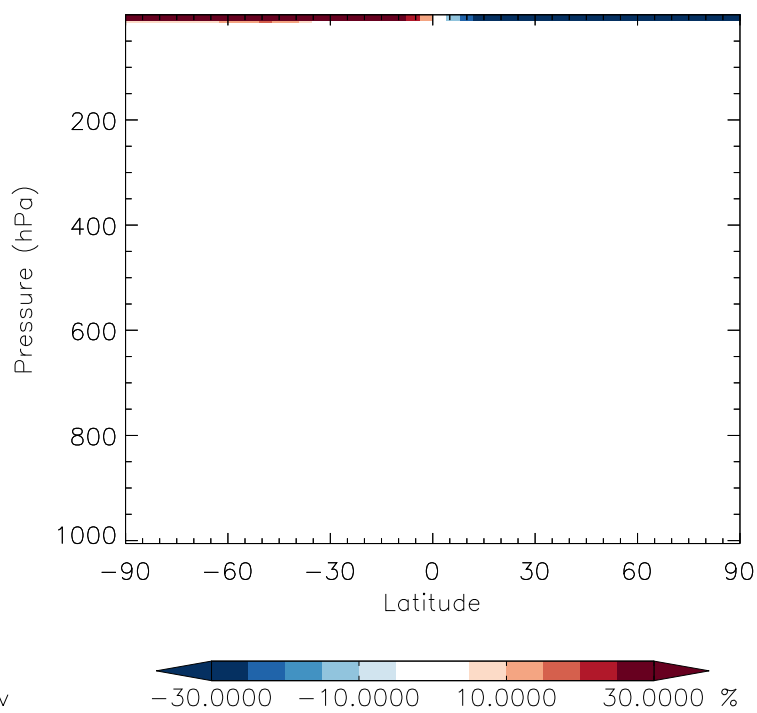
v11-01f-geosfp-Run0 / v11-01d-Run1
CH₃CCl₃ - Zonal mean % diff for Jan



v11-01f-geosfp-Run0 - v11-01b-Run0
CH₃CCl₃ - Zonal mean abs diff for Jan



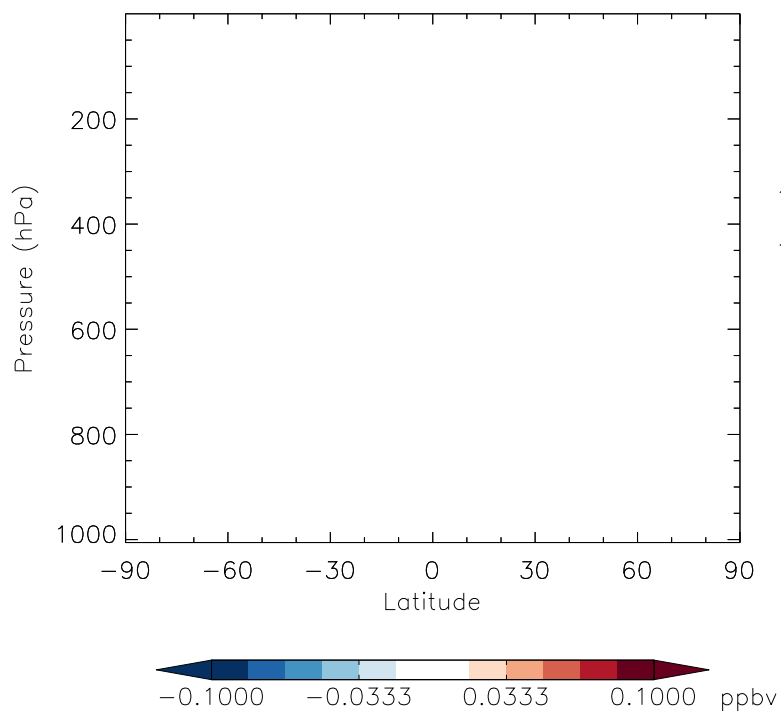
v11-01f-geosfp-Run0 / v11-01b-Run0
CH₃CCl₃ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

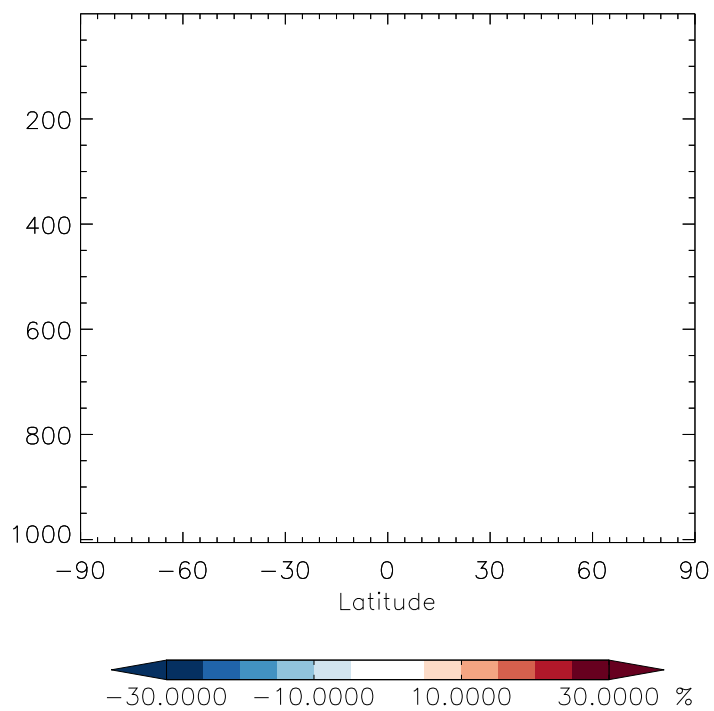
v11-01f-geosfp-Run0 - v11-01d-Run1

CFCX - Zonal mean abs diff for Jan



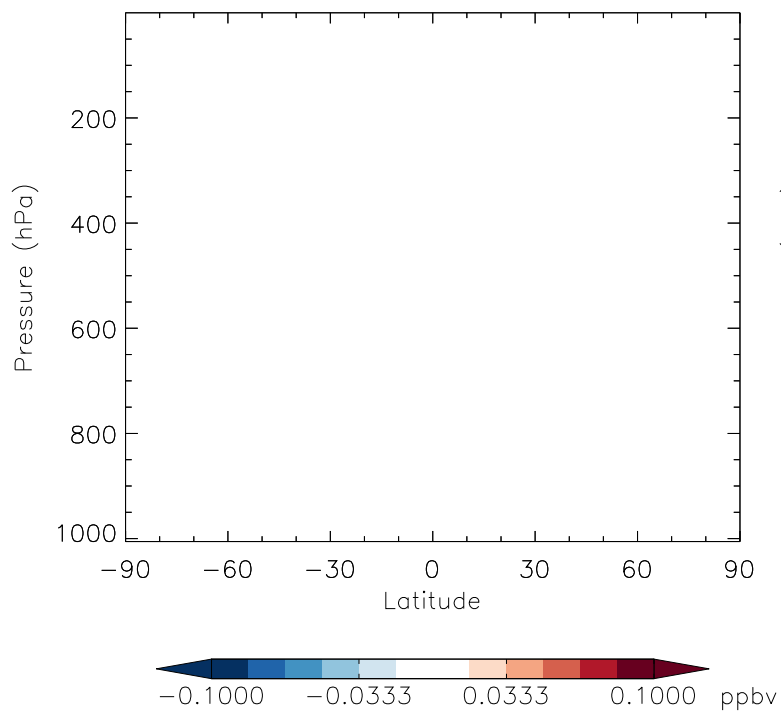
v11-01f-geosfp-Run0 / v11-01d-Run1

CFCX - Zonal mean % diff for Jan



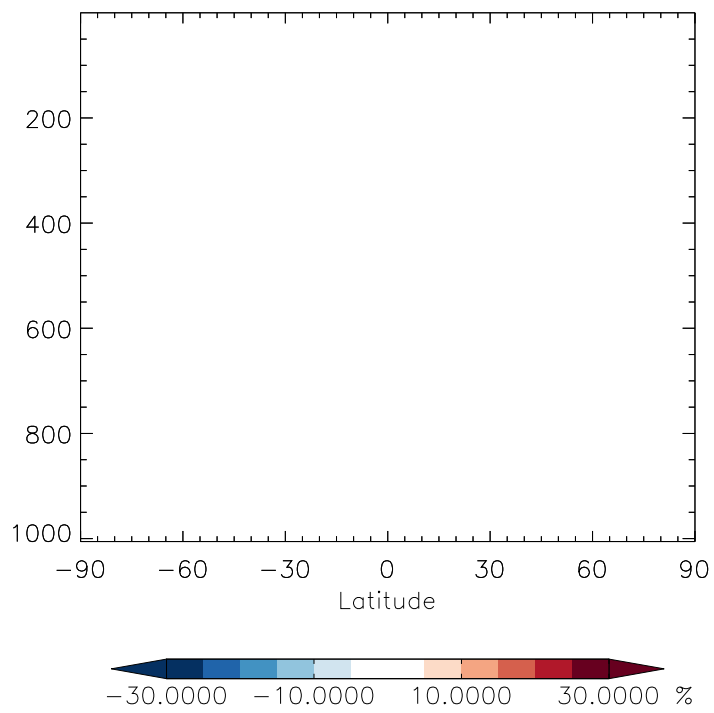
v11-01f-geosfp-Run0 - v11-01b-Run0

CFCX - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

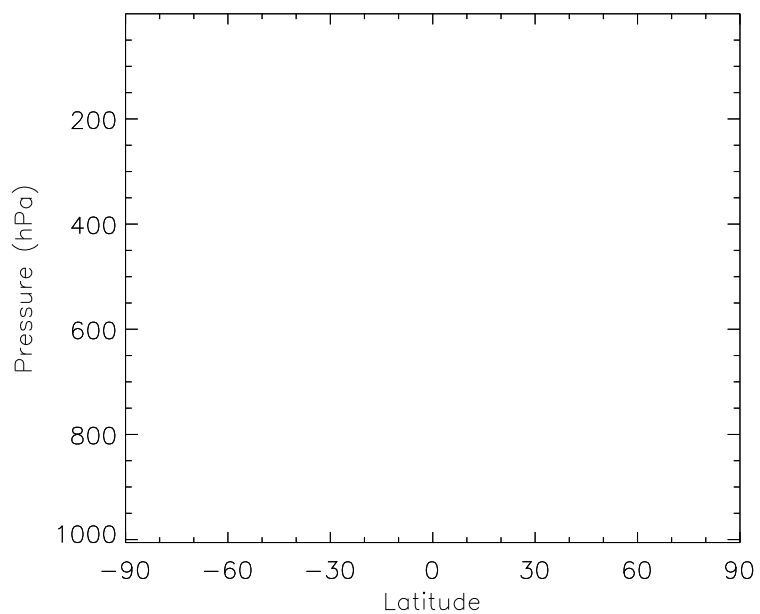
CFCX - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

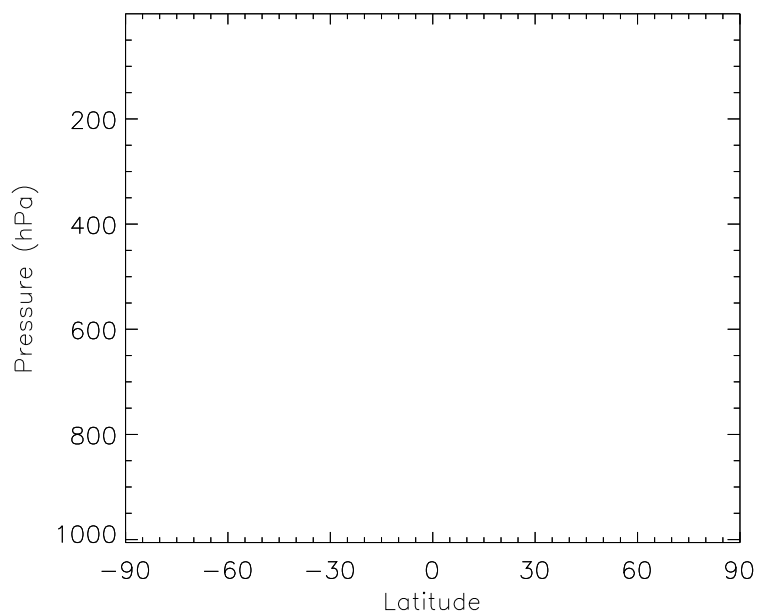
v11-01f-geosfp-Run0 - v11-01d-Run1

HCFCX - Zonal mean abs diff for Jan



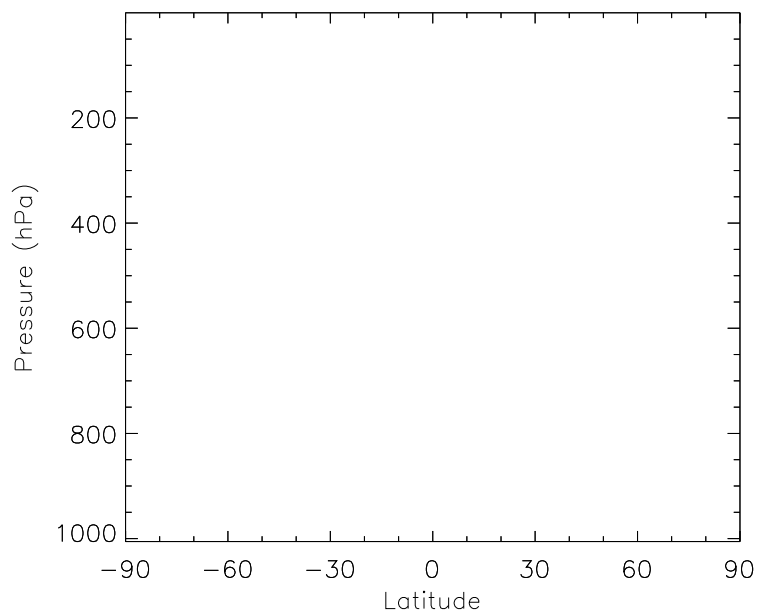
v11-01f-geosfp-Run0 / v11-01d-Run1

HCFCX - Zonal mean % diff for Jan



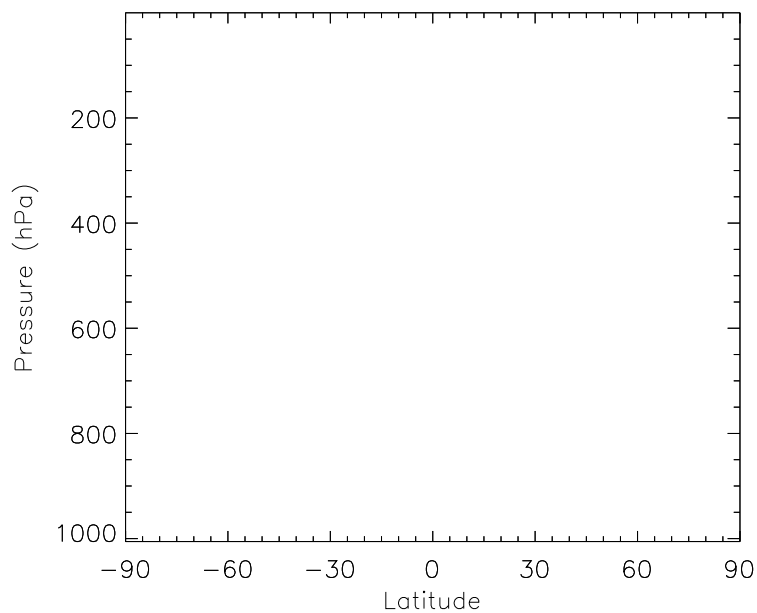
v11-01f-geosfp-Run0 - v11-01b-Run0

HCFCX - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

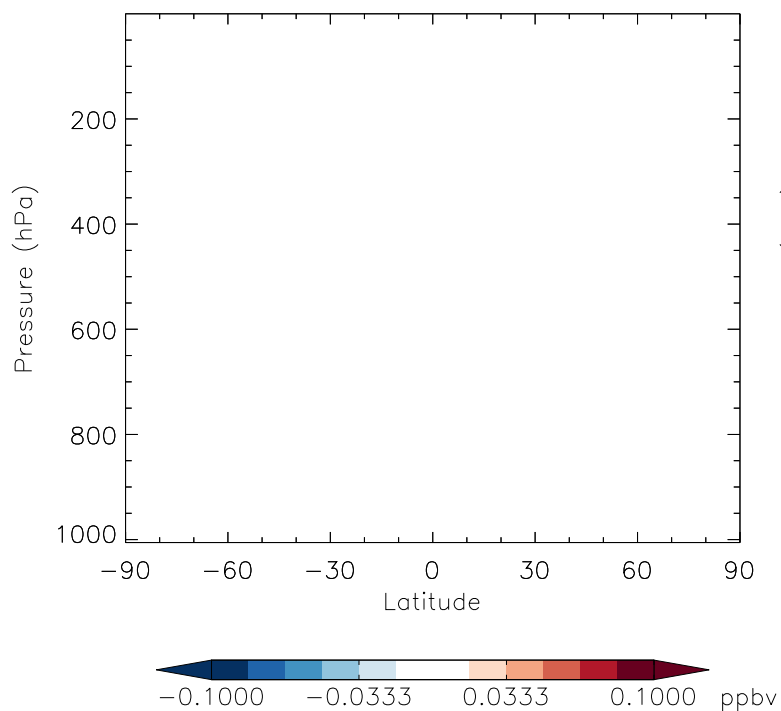
HCFCX - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

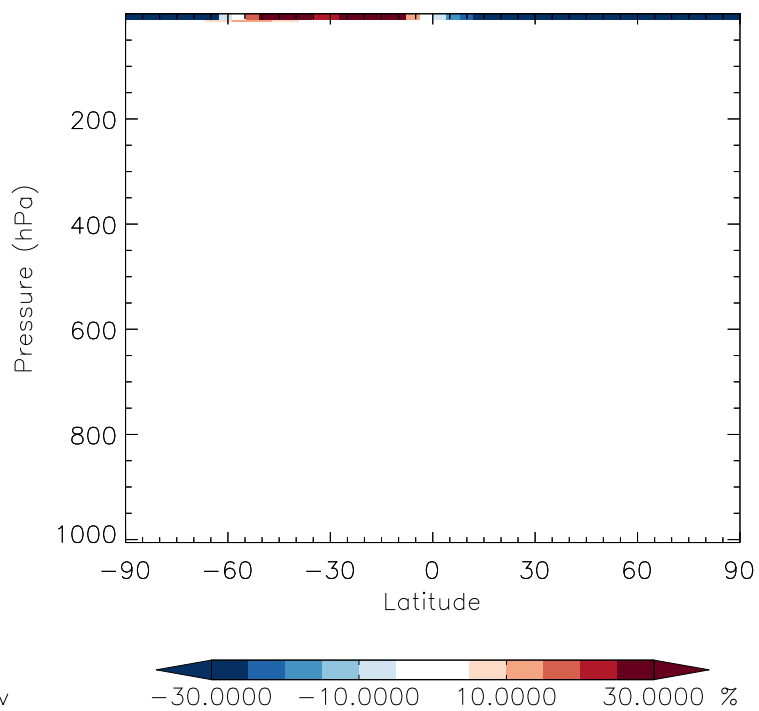
v11-01f-geosfp-Run0 - v11-01d-Run1

CFC11 - Zonal mean abs diff for Jan



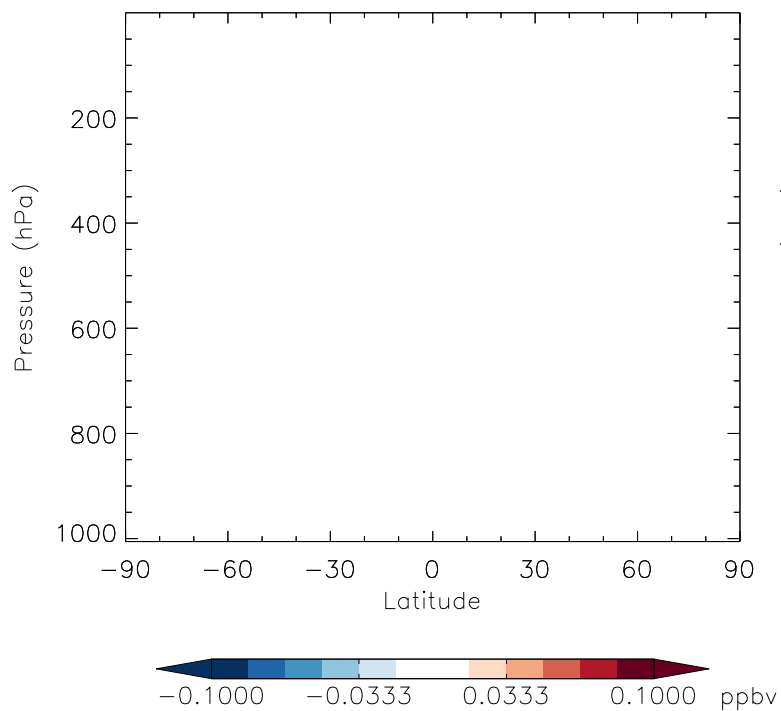
v11-01f-geosfp-Run0 / v11-01d-Run1

CFC11 - Zonal mean % diff for Jan



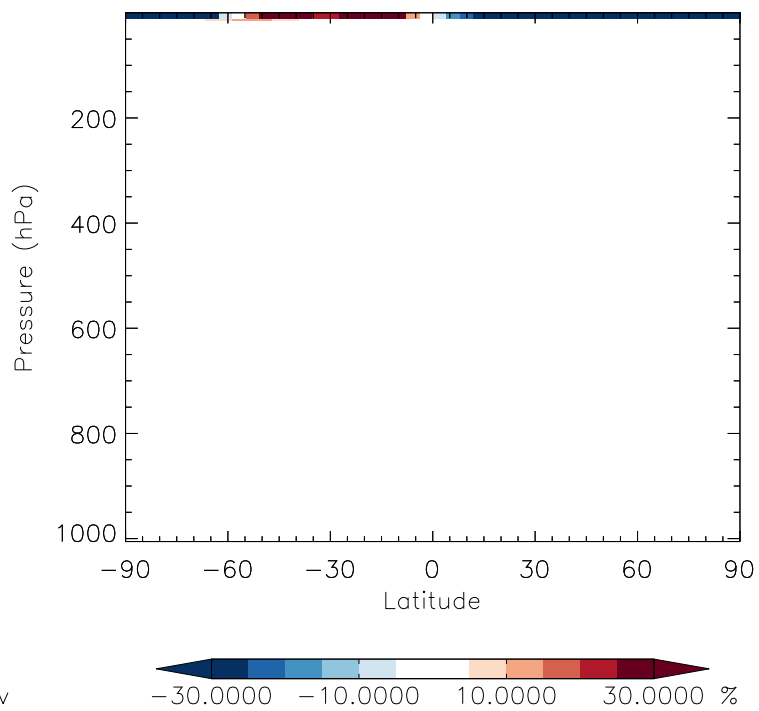
v11-01f-geosfp-Run0 - v11-01b-Run0

CFC11 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

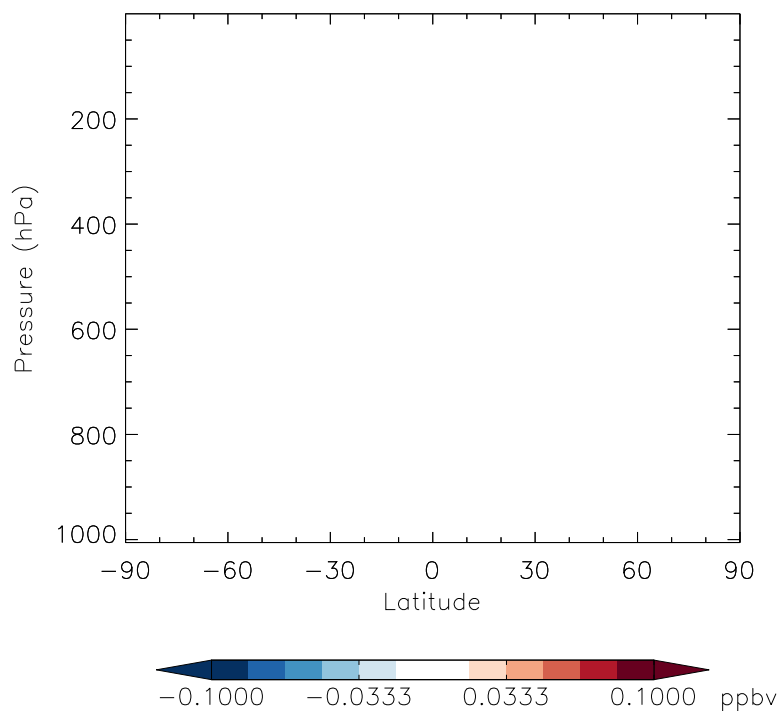
CFC11 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

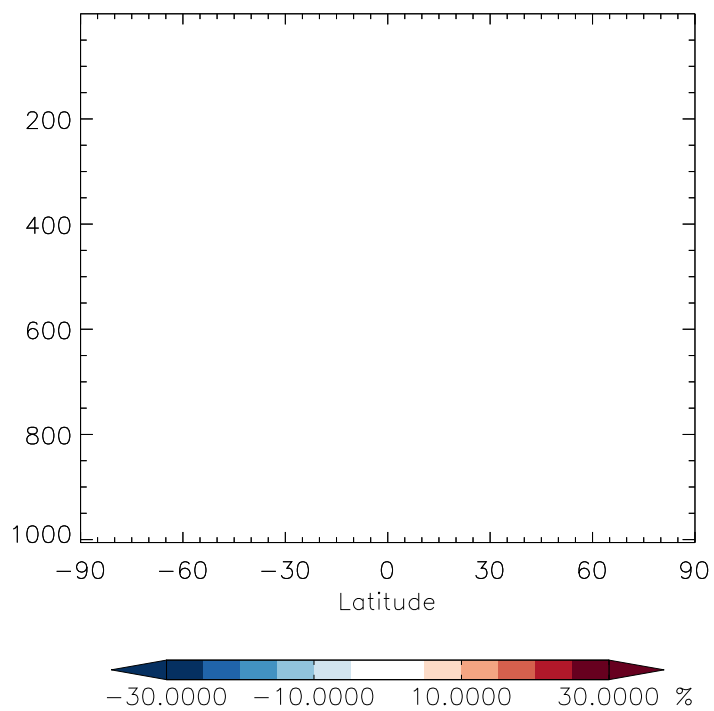
v11-01f-geosfp-Run0 - v11-01d-Run1

CFC12 - Zonal mean abs diff for Jan



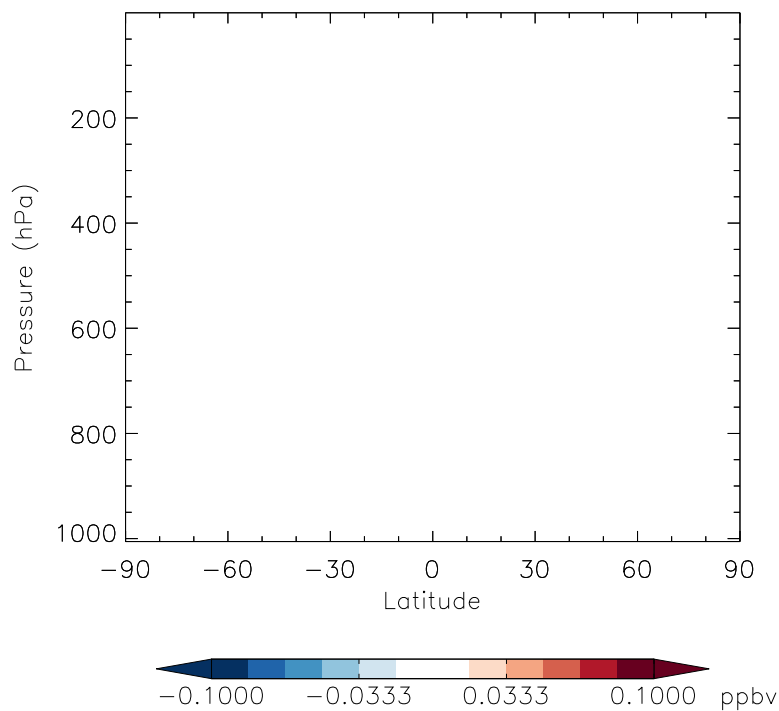
v11-01f-geosfp-Run0 / v11-01d-Run1

CFC12 - Zonal mean % diff for Jan



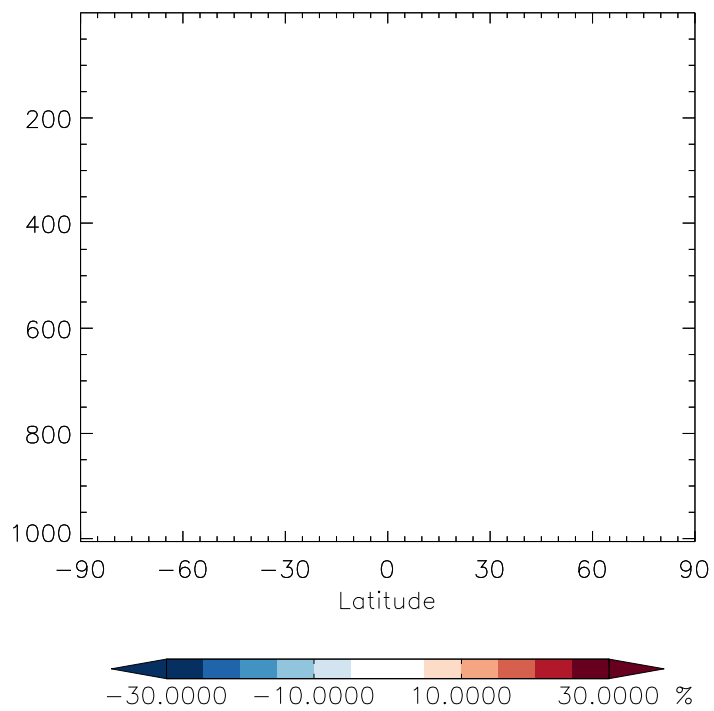
v11-01f-geosfp-Run0 - v11-01b-Run0

CFC12 - Zonal mean abs diff for Jan



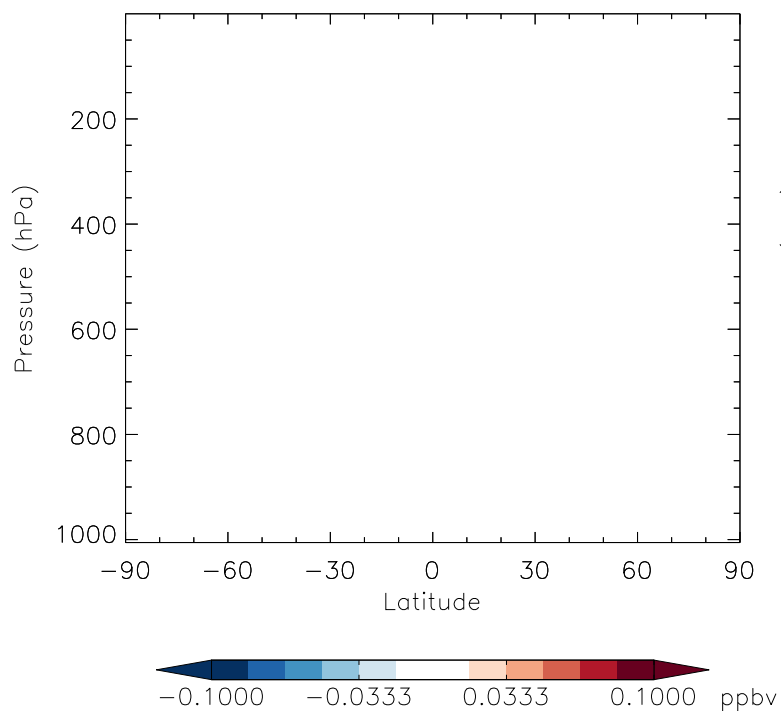
v11-01f-geosfp-Run0 / v11-01b-Run0

CFC12 - Zonal mean % diff for Jan

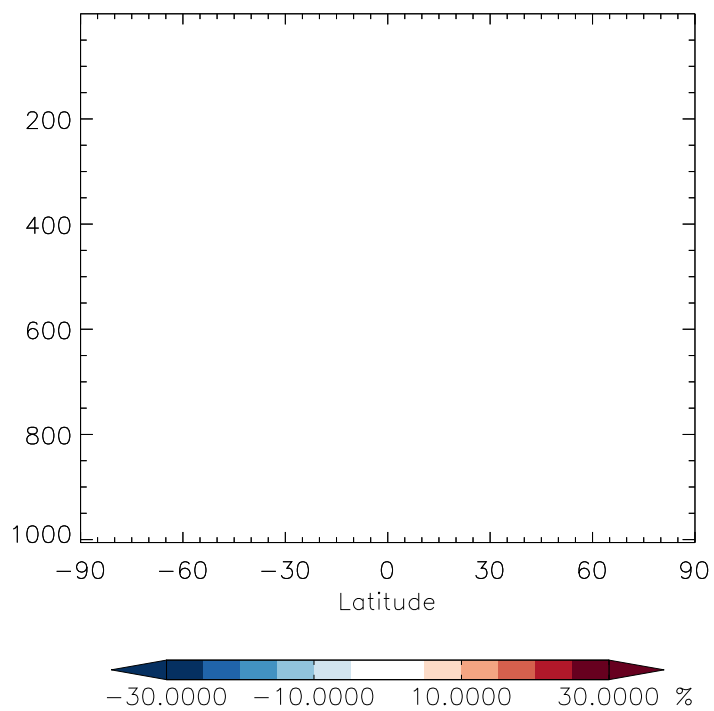


GEOS-Chem Zonal Difference Maps

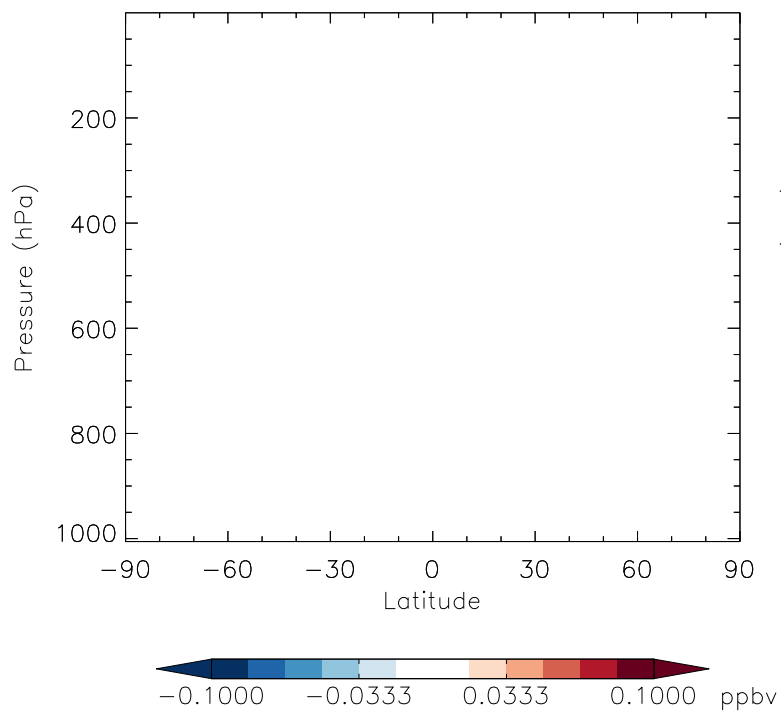
v11-01f-geosfp-Run0 - v11-01d-Run1
HCFC22 - Zonal mean abs diff for Jan



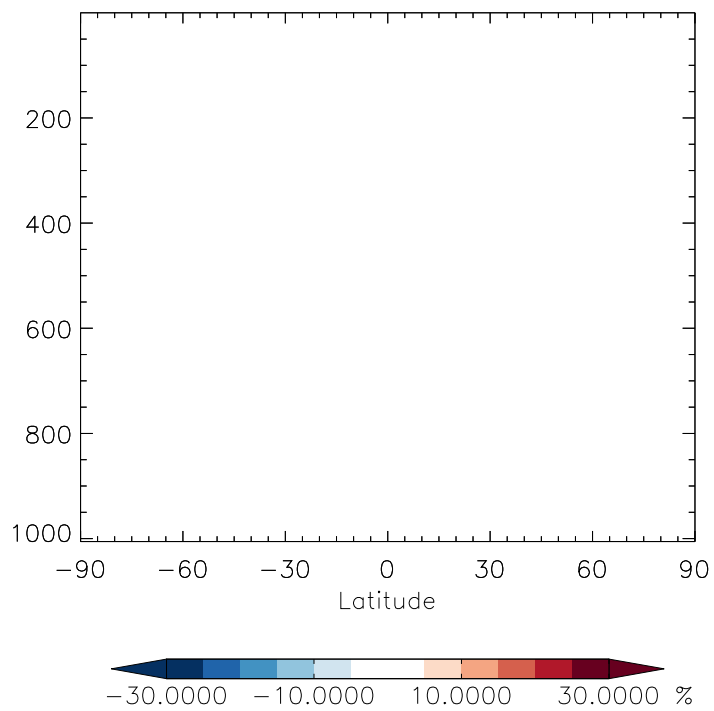
v11-01f-geosfp-Run0 / v11-01d-Run1
HCFC22 - Zonal mean % diff for Jan



v11-01f-geosfp-Run0 - v11-01b-Run0
HCFC22 - Zonal mean abs diff for Jan



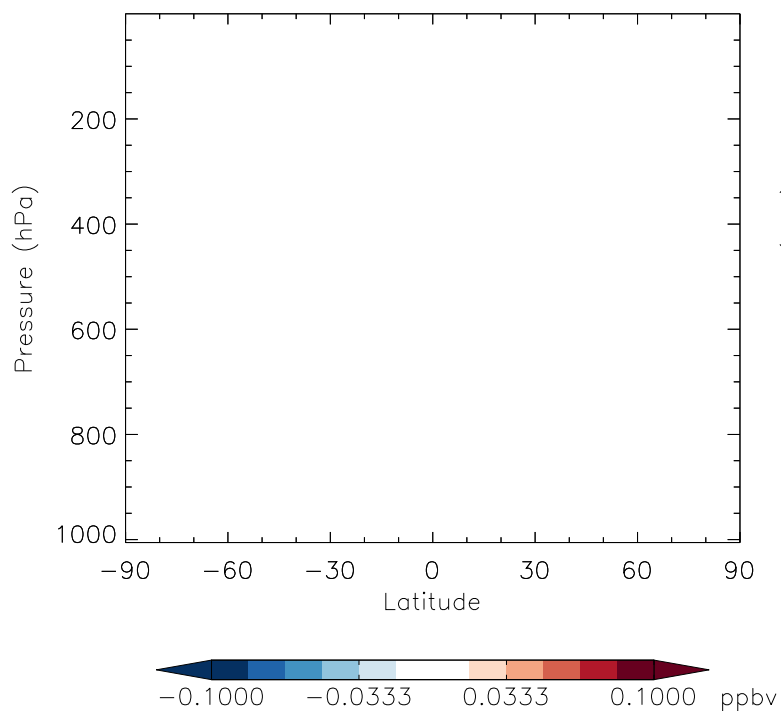
v11-01f-geosfp-Run0 / v11-01b-Run0
HCFC22 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

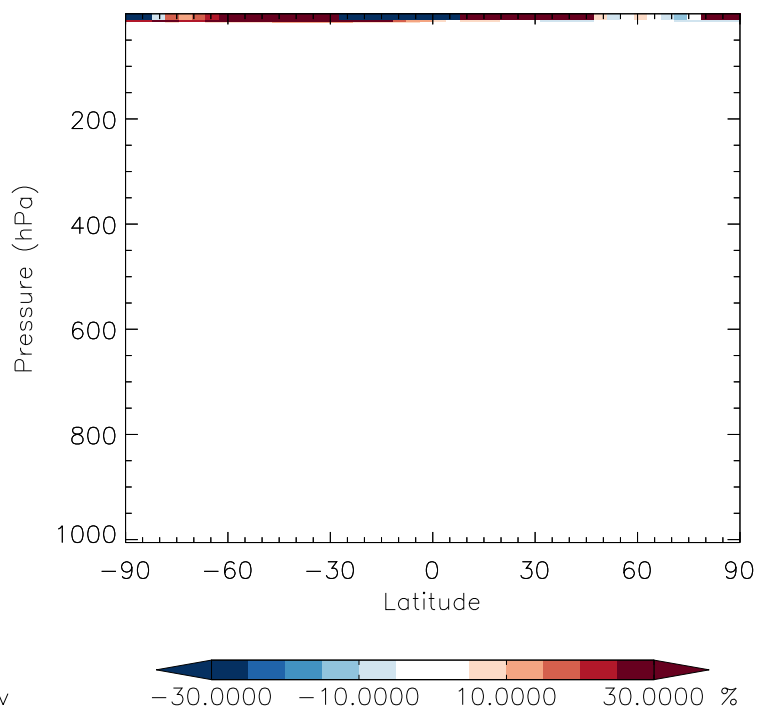
v11-01f-geosfp-Run0 - v11-01d-Run1

H1211 - Zonal mean abs diff for Jan



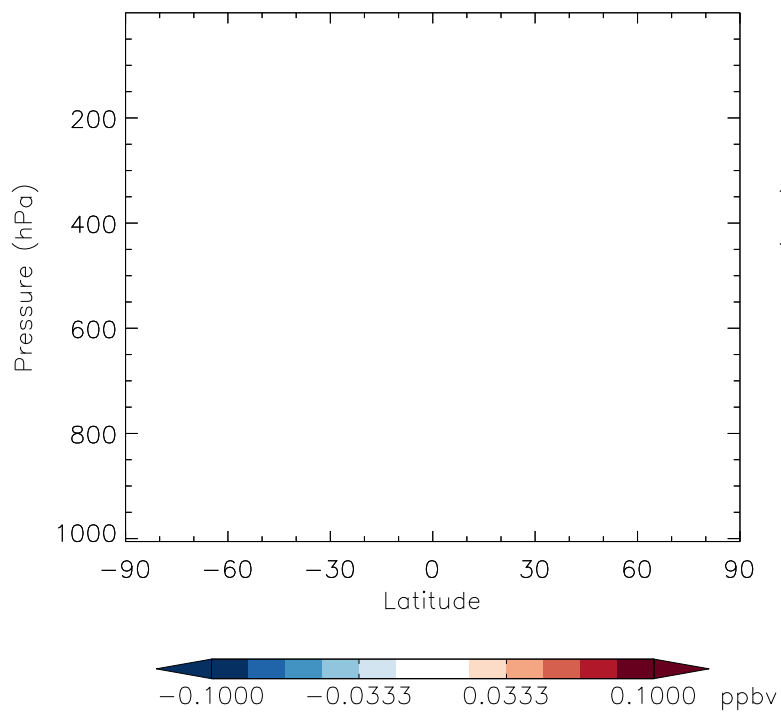
v11-01f-geosfp-Run0 / v11-01d-Run1

H1211 - Zonal mean % diff for Jan



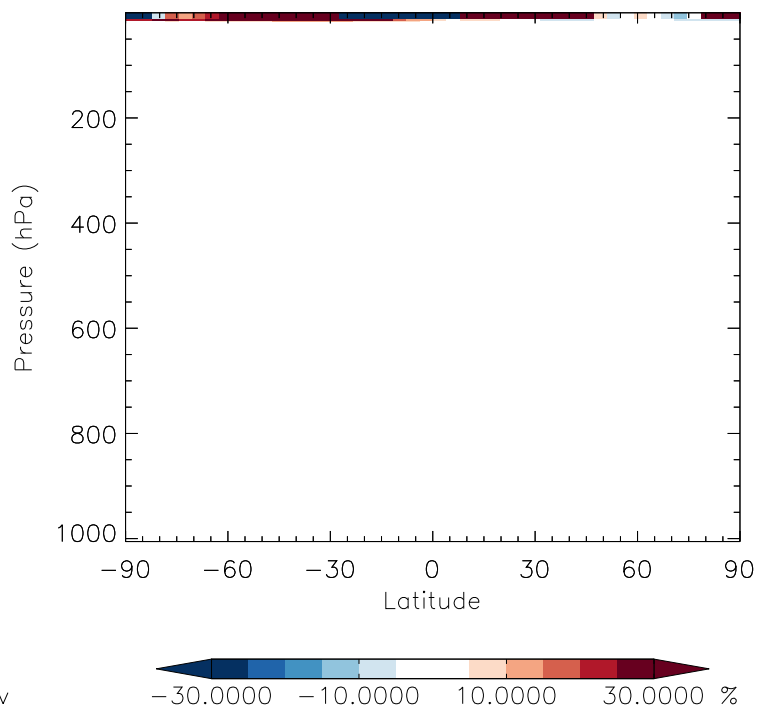
v11-01f-geosfp-Run0 - v11-01b-Run0

H1211 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

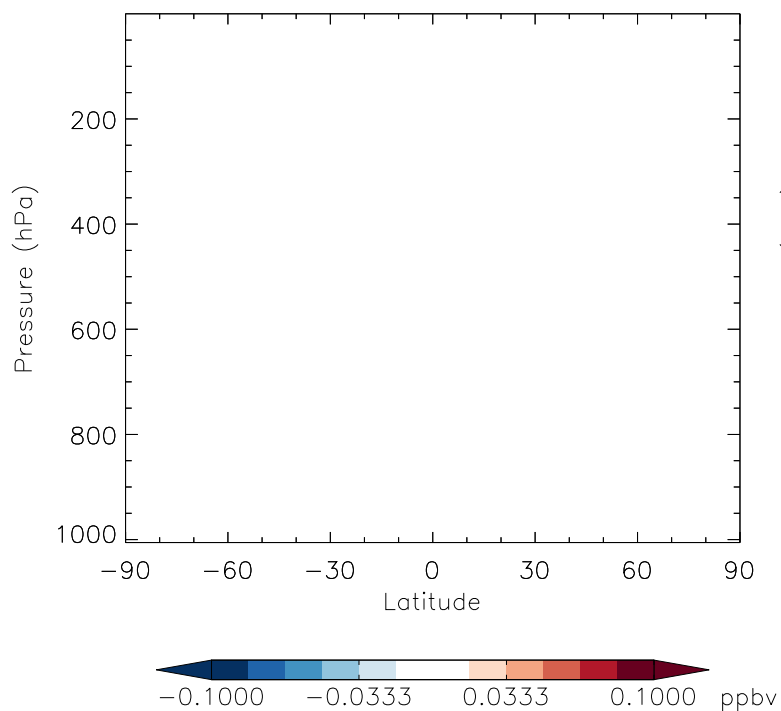
H1211 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

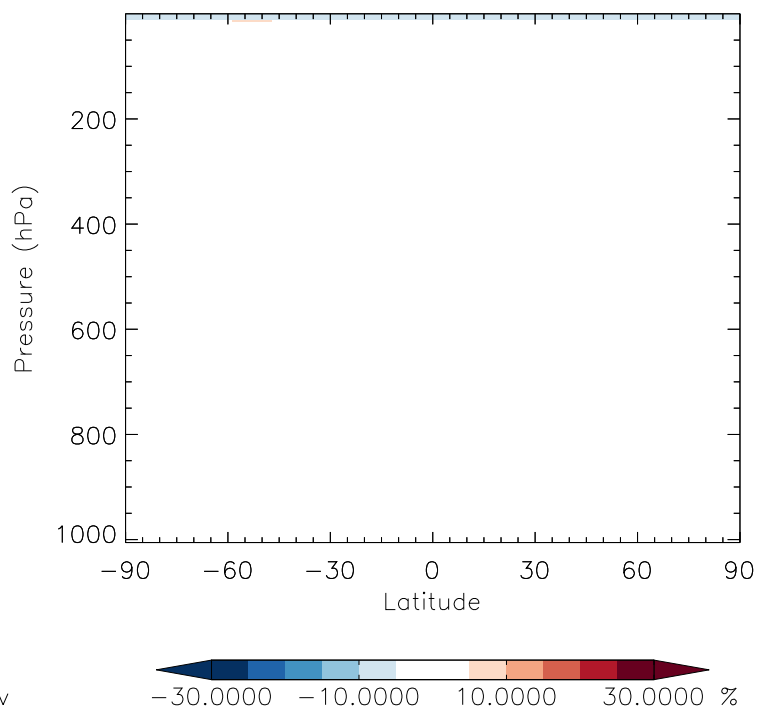
v11-01f-geosfp-Run0 - v11-01d-Run1

H1301 - Zonal mean abs diff for Jan



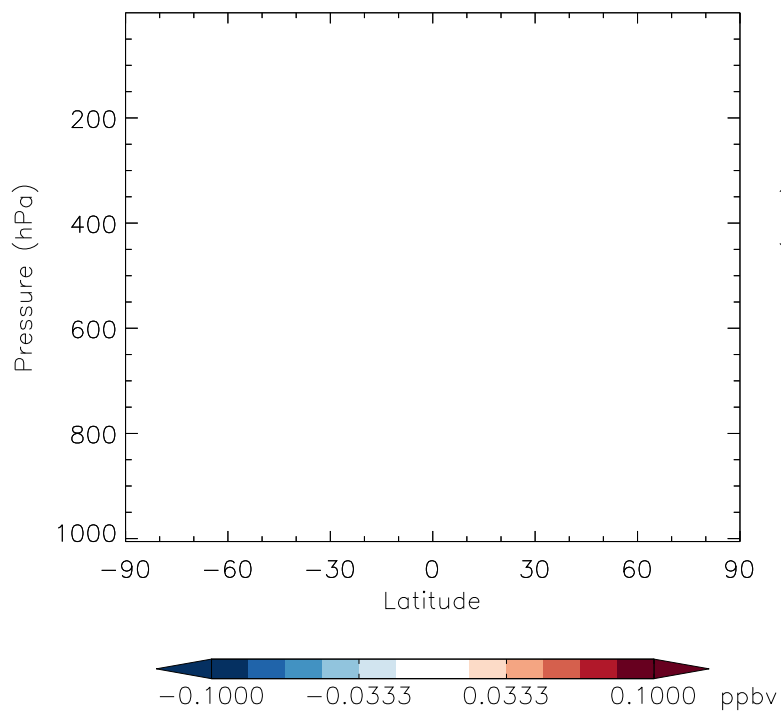
v11-01f-geosfp-Run0 / v11-01d-Run1

H1301 - Zonal mean % diff for Jan



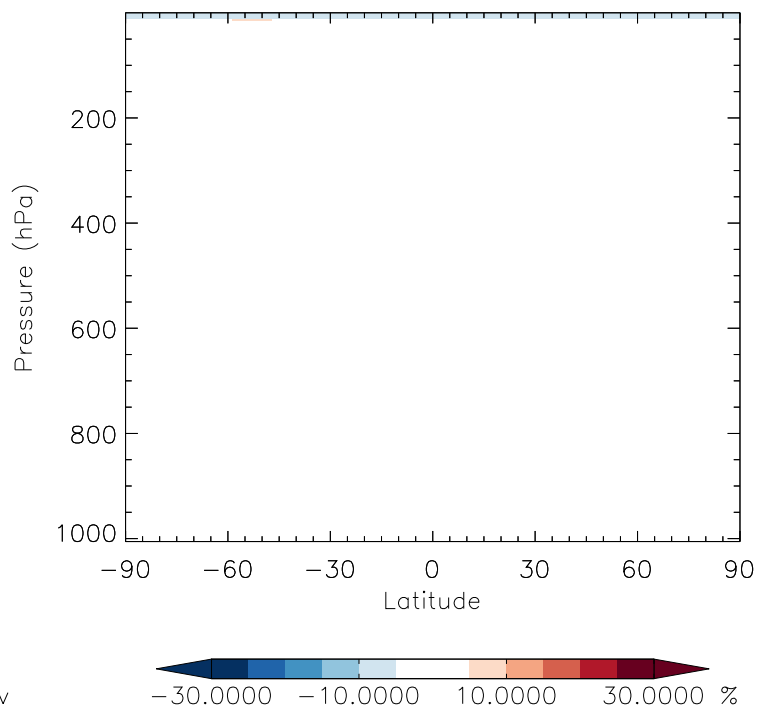
v11-01f-geosfp-Run0 - v11-01b-Run0

H1301 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

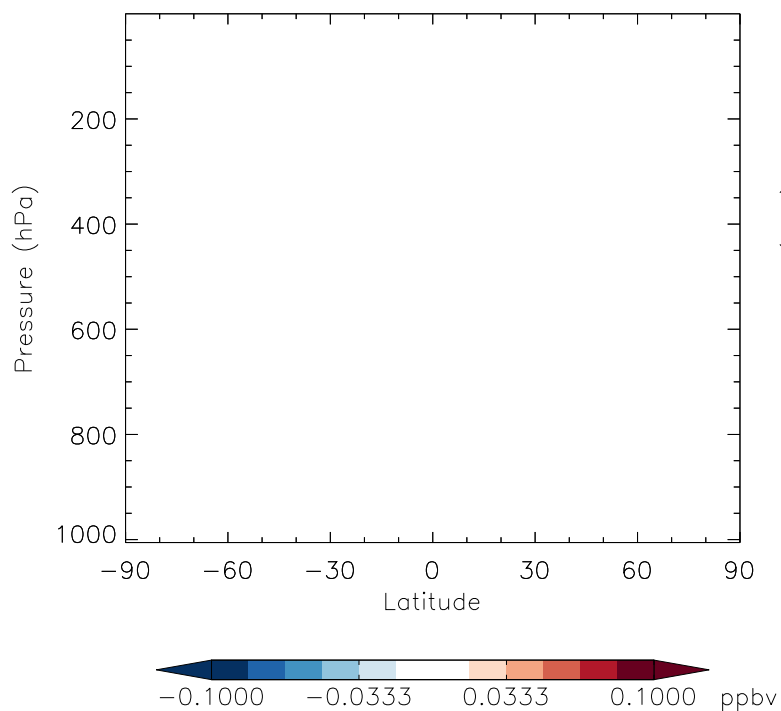
H1301 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

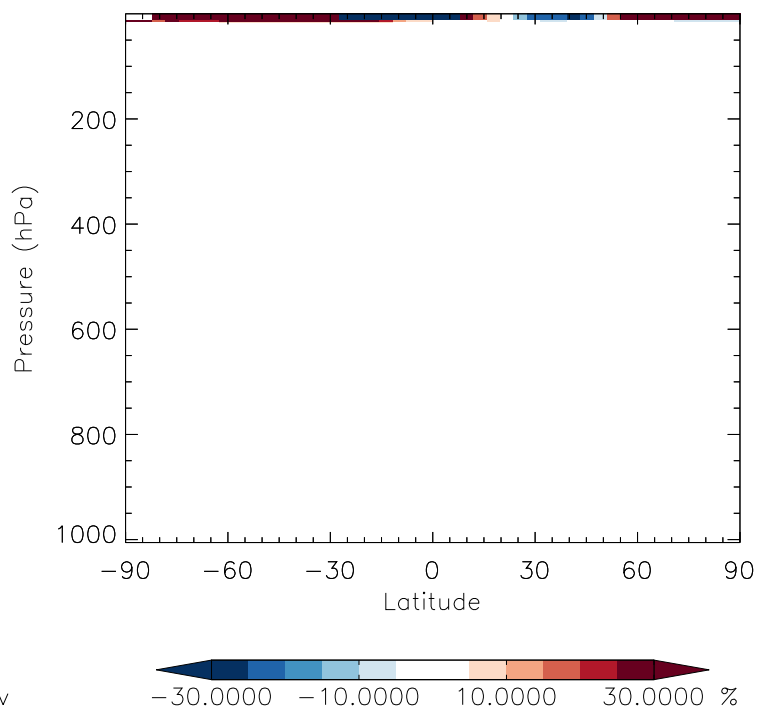
v11-01f-geosfp-Run0 - v11-01d-Run1

H2402 - Zonal mean abs diff for Jan



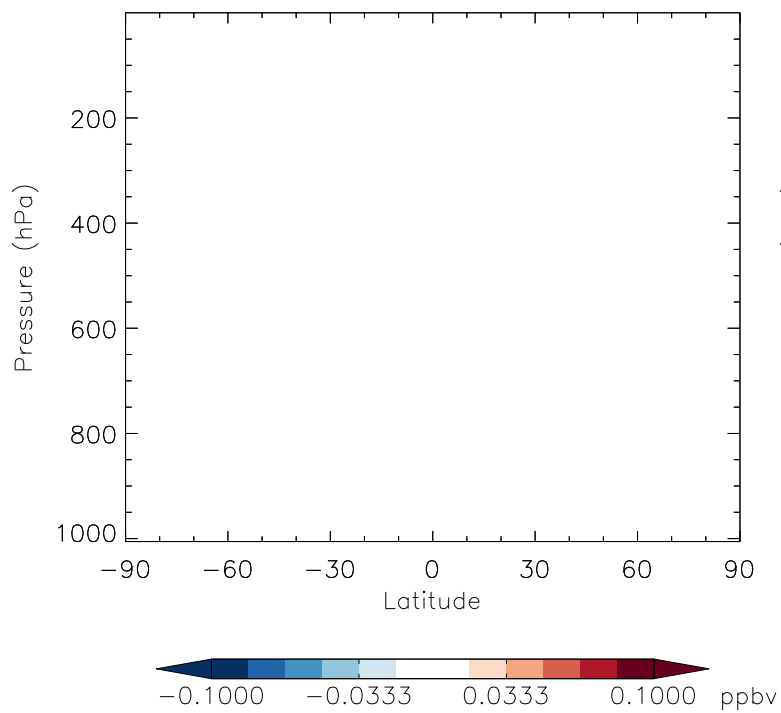
v11-01f-geosfp-Run0 / v11-01d-Run1

H2402 - Zonal mean % diff for Jan



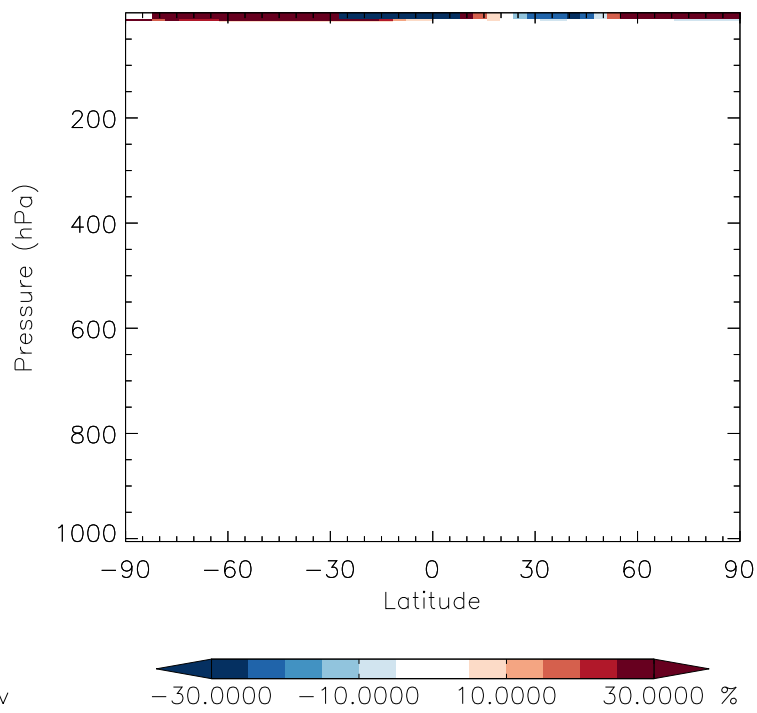
v11-01f-geosfp-Run0 - v11-01b-Run0

H2402 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

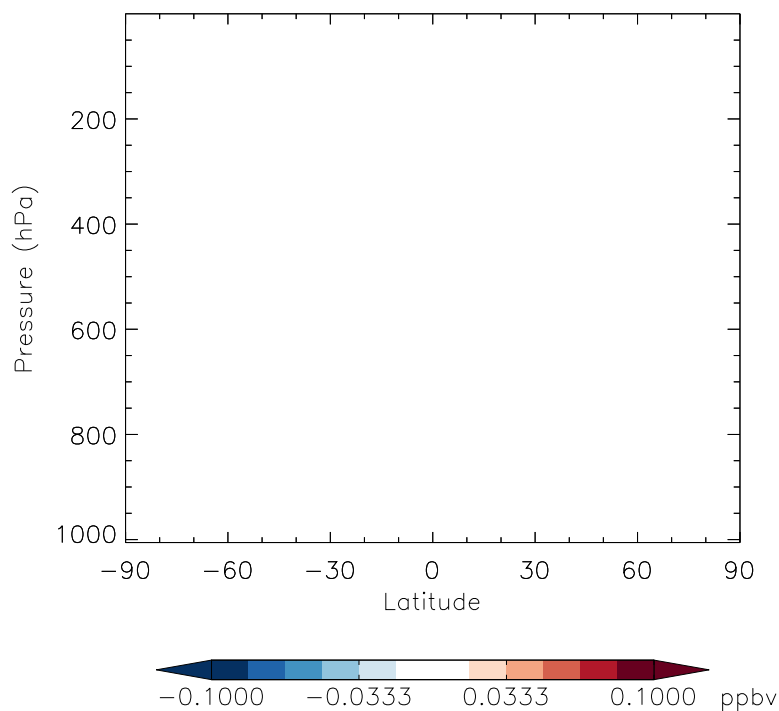
H2402 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

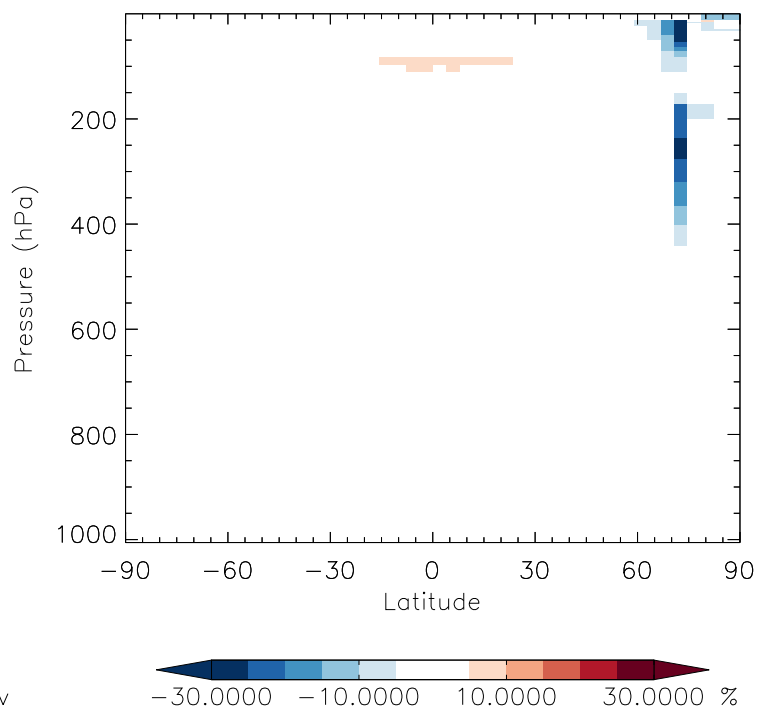
v11-01f-geosfp-Run0 - v11-01d-Run1

Cl - Zonal mean abs diff for Jan



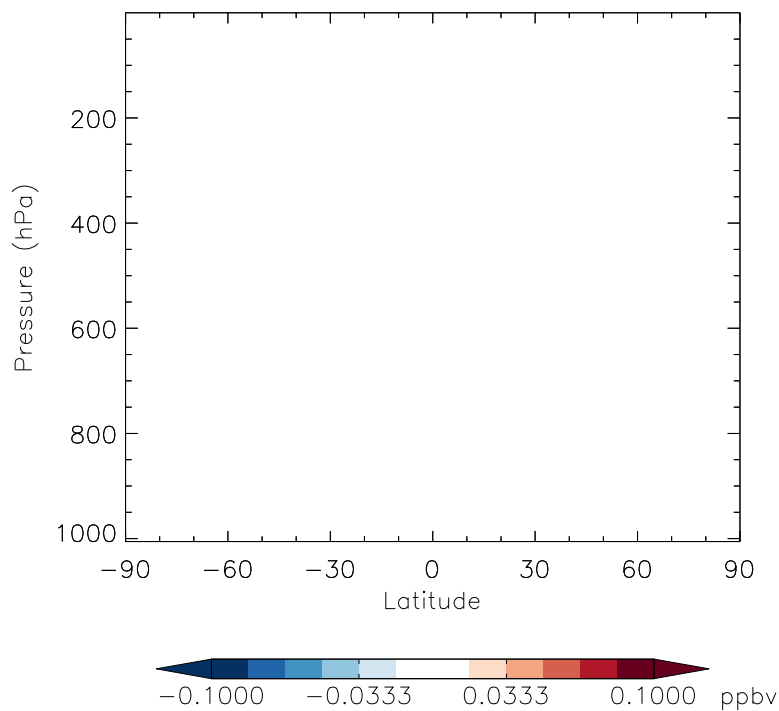
v11-01f-geosfp-Run0 / v11-01d-Run1

Cl - Zonal mean % diff for Jan



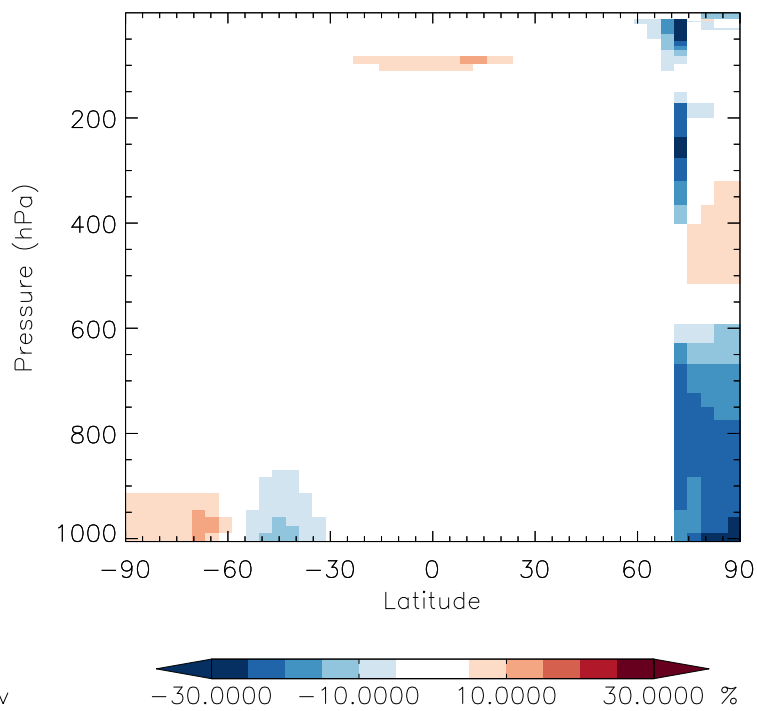
v11-01f-geosfp-Run0 - v11-01b-Run0

Cl - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

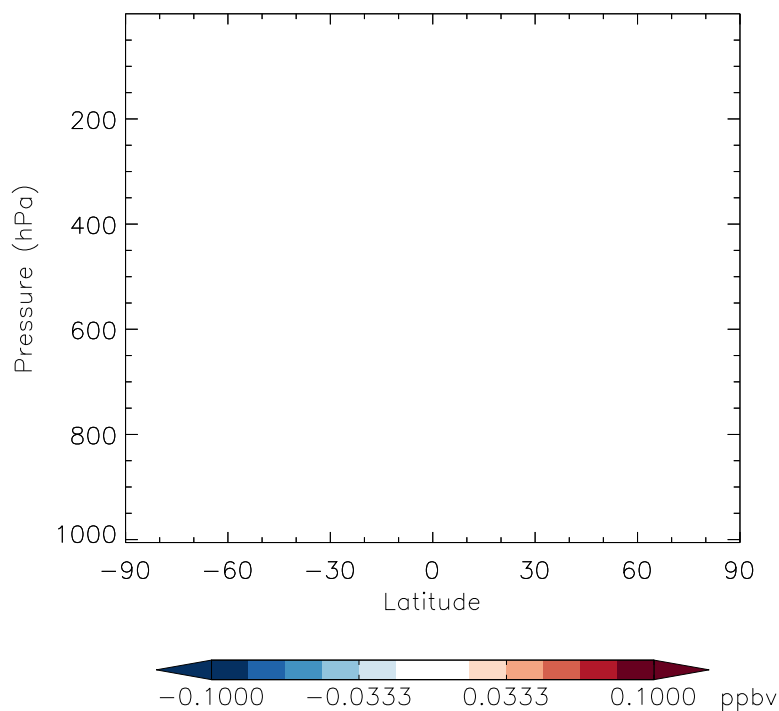
Cl - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

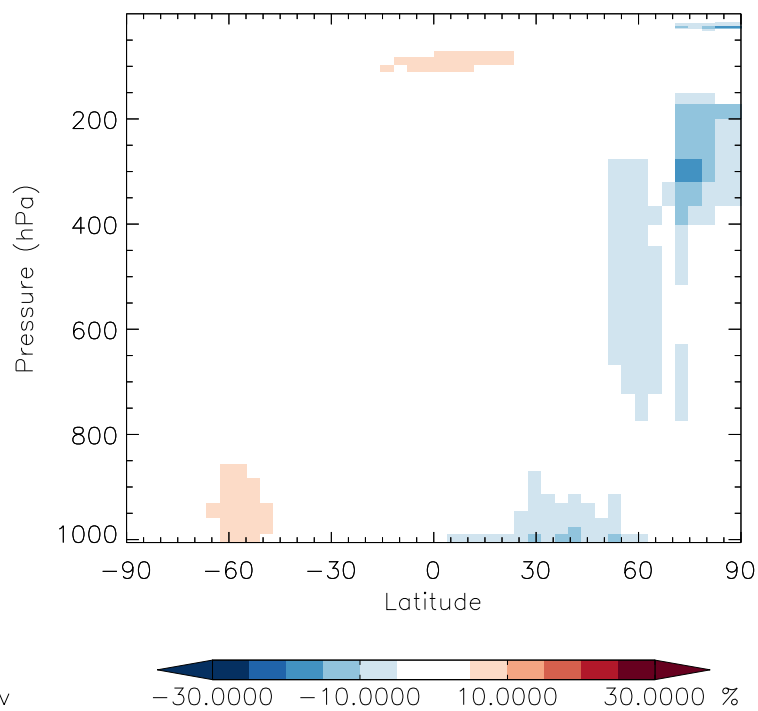
v11-01f-geosfp-Run0 - v11-01d-Run1

CIO - Zonal mean abs diff for Jan



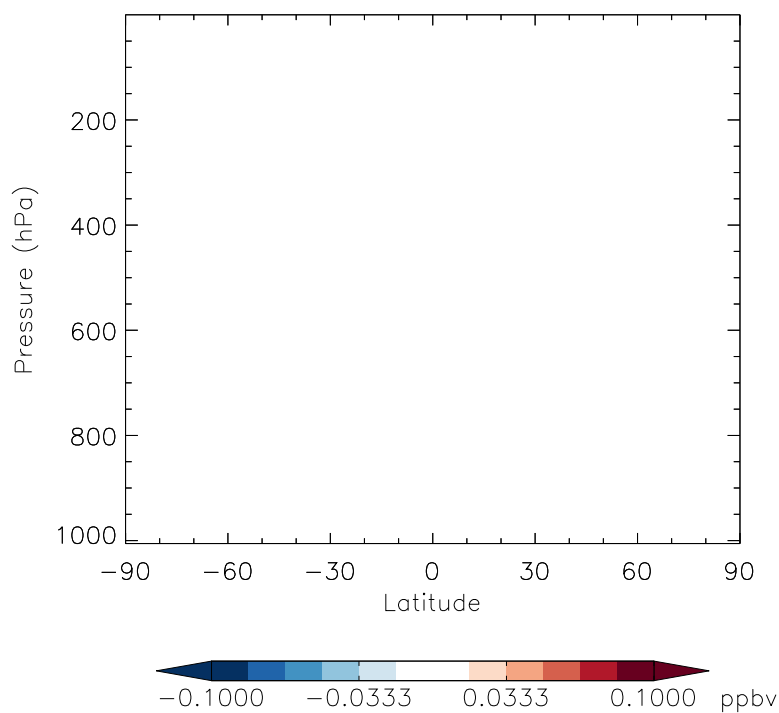
v11-01f-geosfp-Run0 / v11-01d-Run1

CIO - Zonal mean % diff for Jan



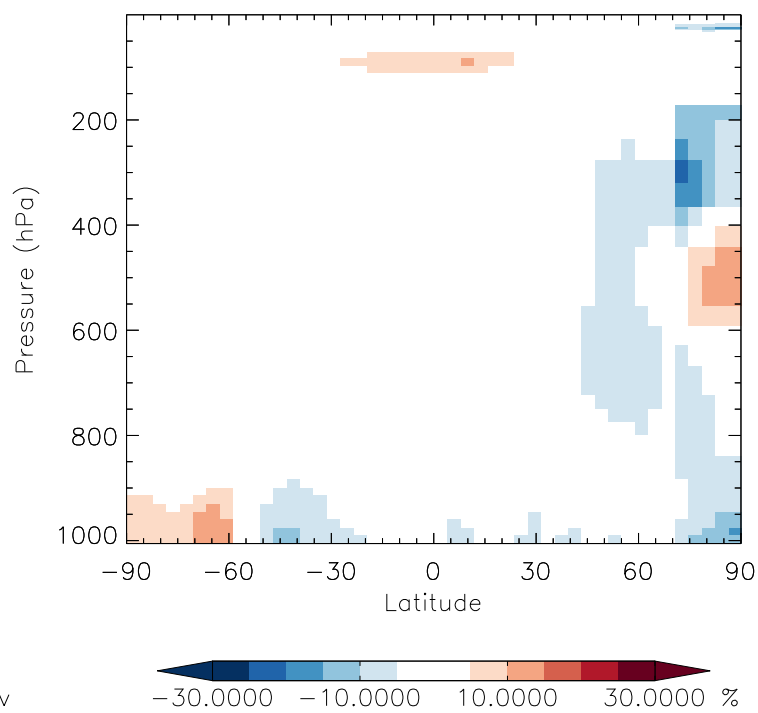
v11-01f-geosfp-Run0 - v11-01b-Run0

CIO - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

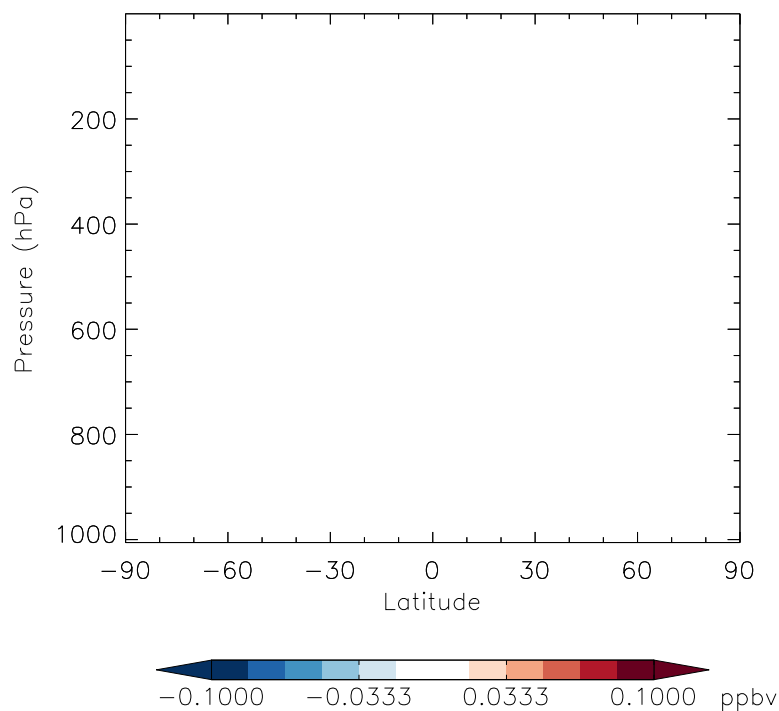
CIO - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

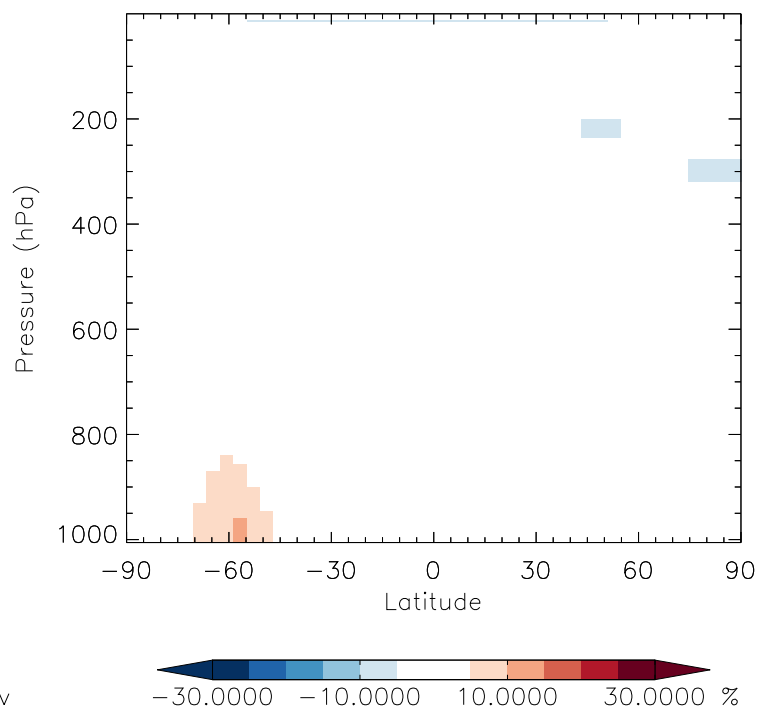
v11-01f-geosfp-Run0 - v11-01d-Run1

HOCl - Zonal mean abs diff for Jan



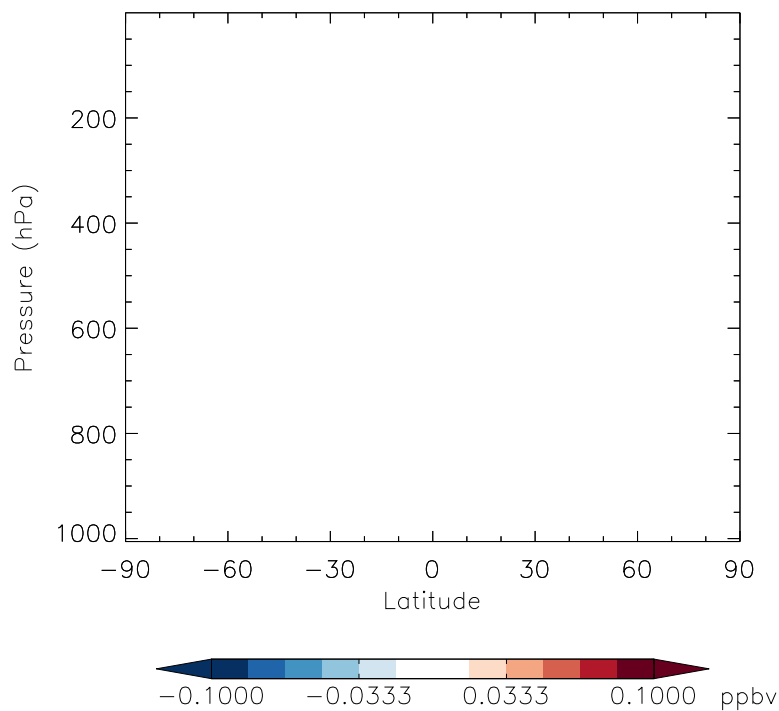
v11-01f-geosfp-Run0 / v11-01d-Run1

HOCl - Zonal mean % diff for Jan



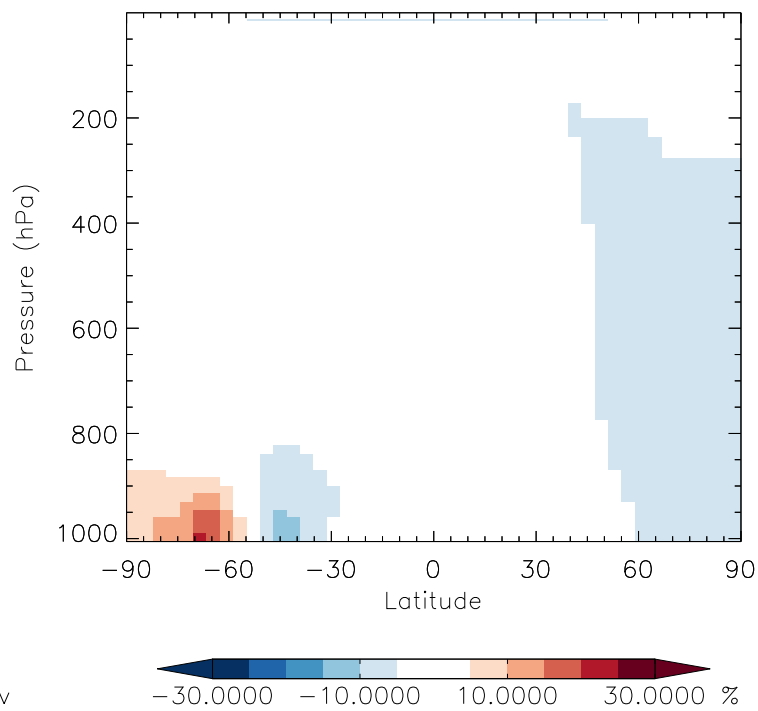
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HOCl - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

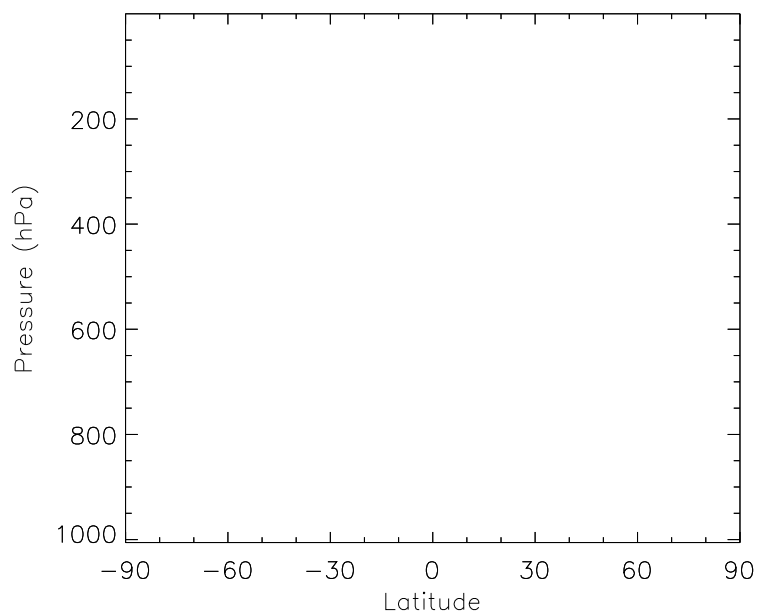
HOCl - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

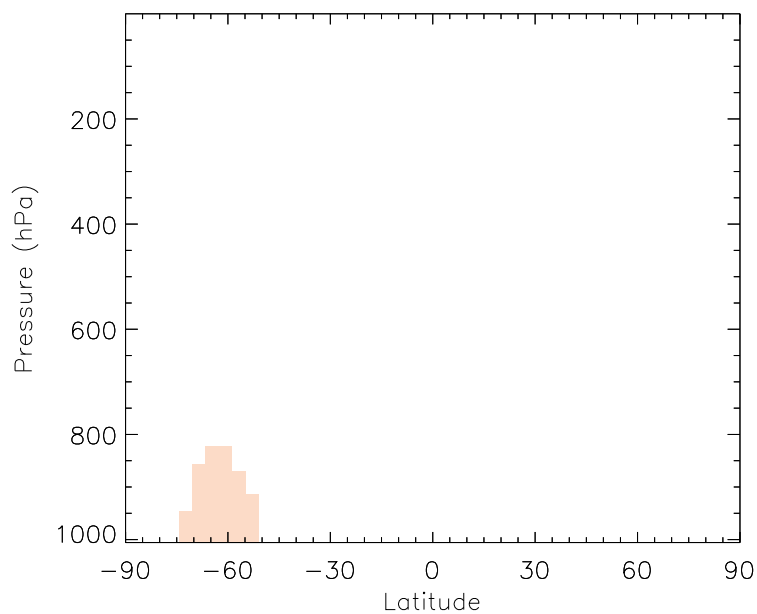
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CINO3 - Zonal mean abs diff for Jan



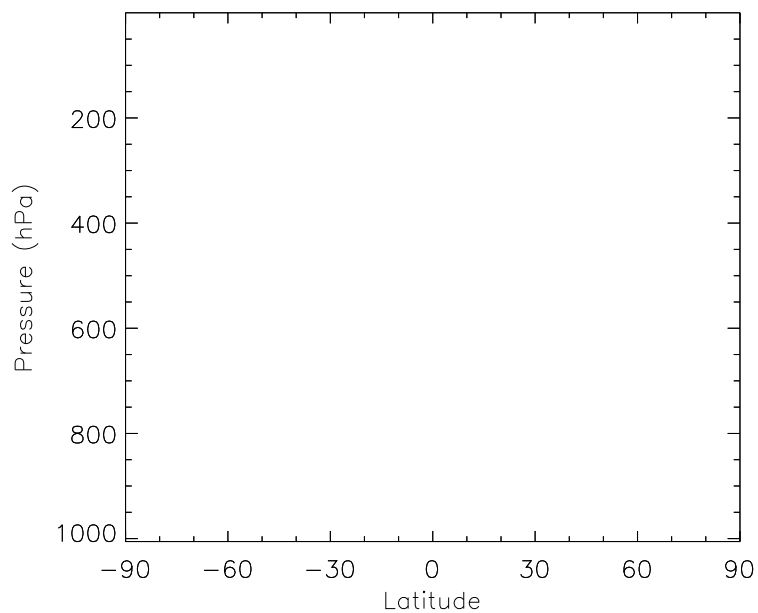
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CINO3 - Zonal mean % diff for Jan



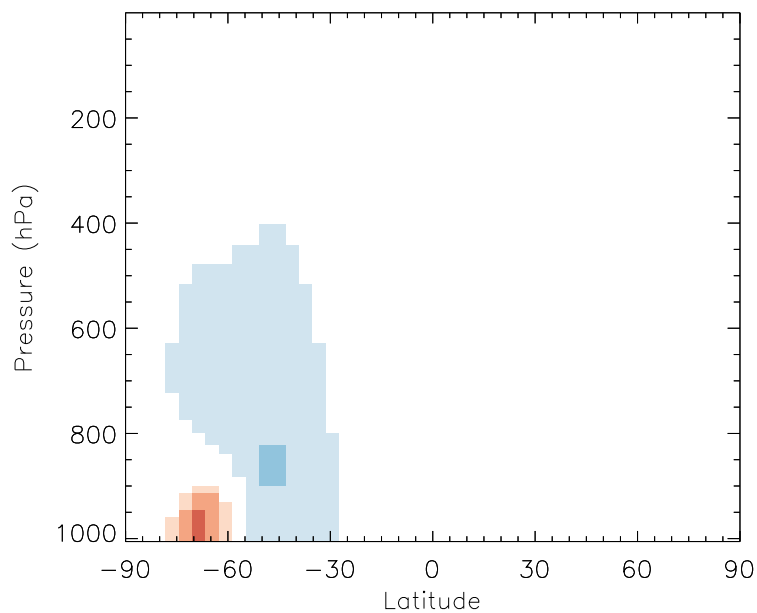
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CINO3 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

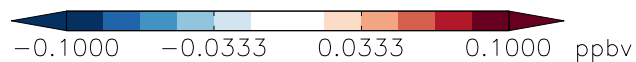
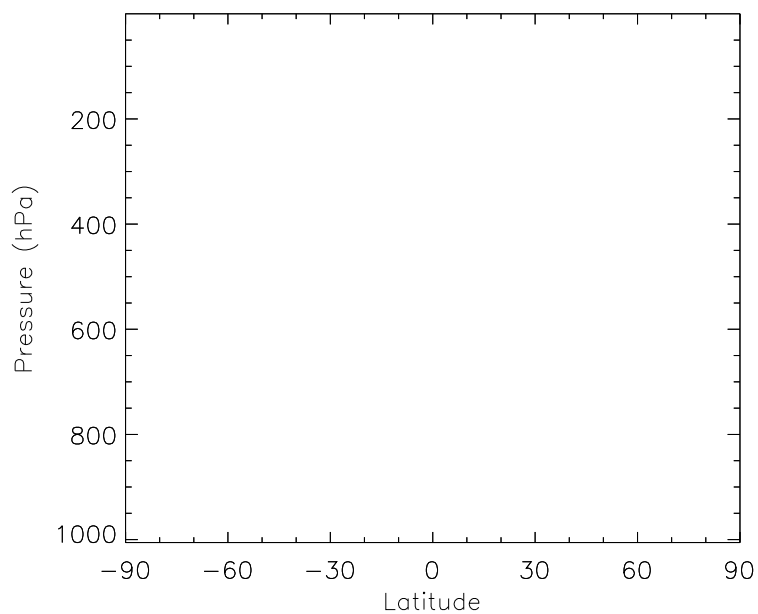
CINO3 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

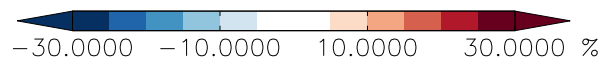
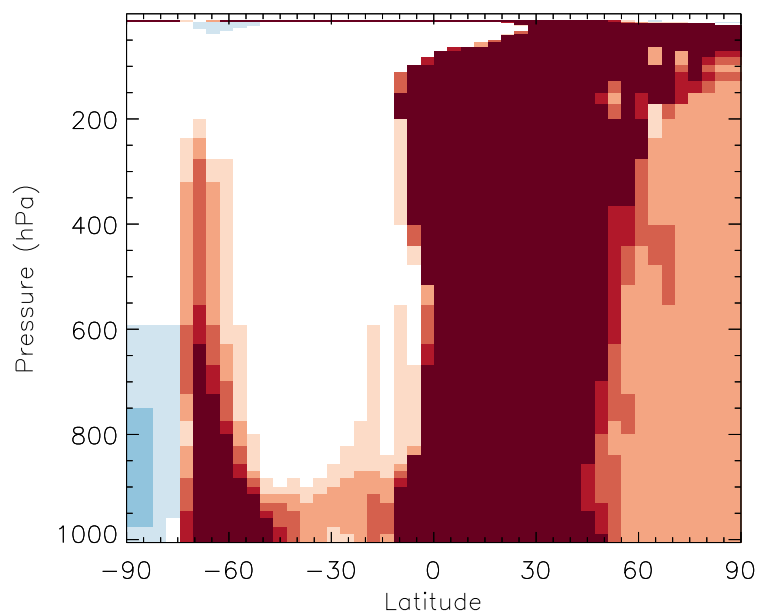
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CINO2 - Zonal mean abs diff for Jan



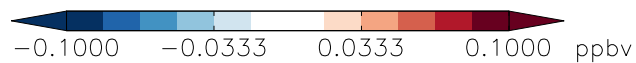
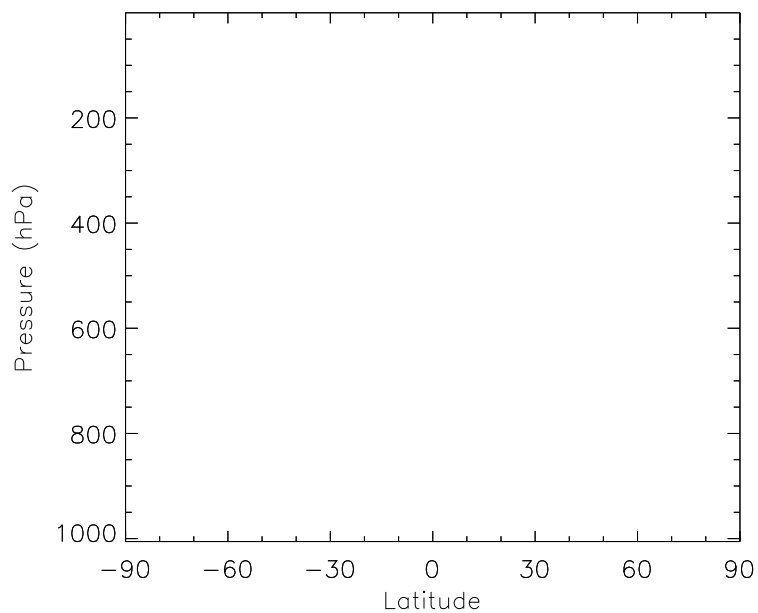
v11-01f-geosfp-Run0 / v11-01d-Run1

CINO2 - Zonal mean % diff for Jan



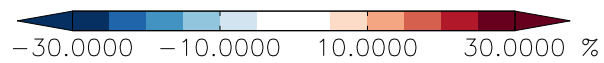
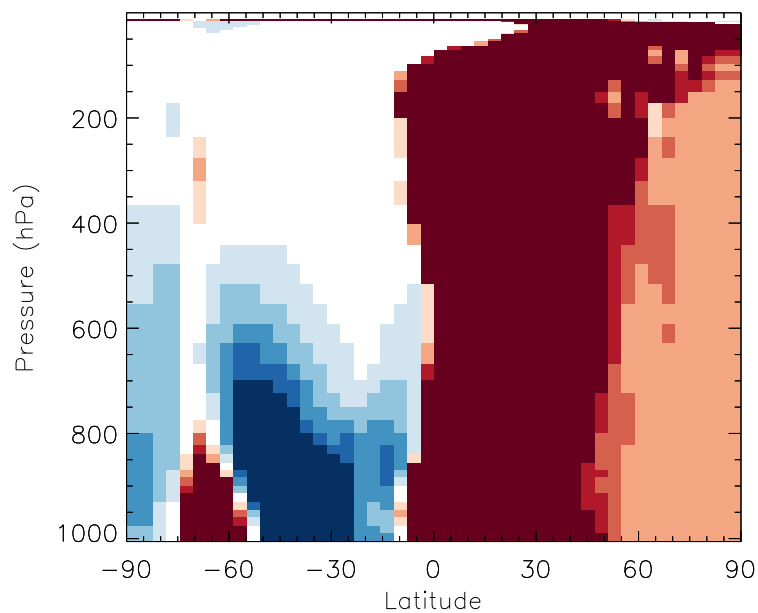
v11-01f-geosfp-Run0 - v11-01b-Run0

CINO2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

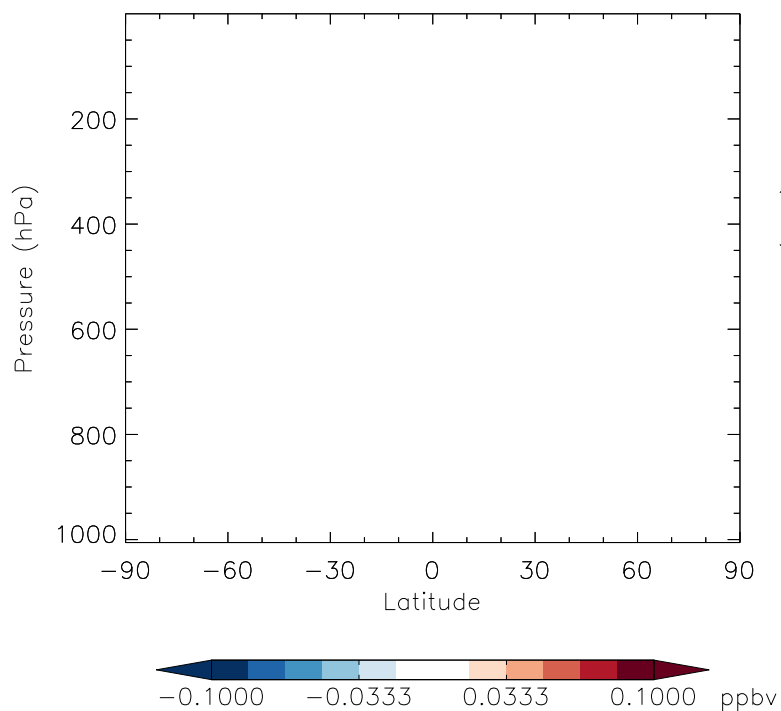
CINO2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

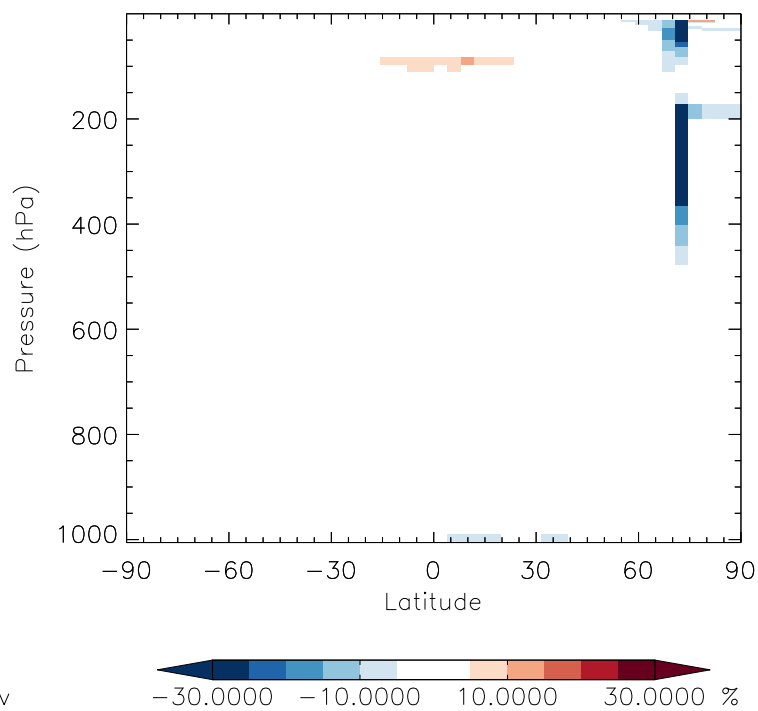
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ClO₂ - Zonal mean abs diff for Jan



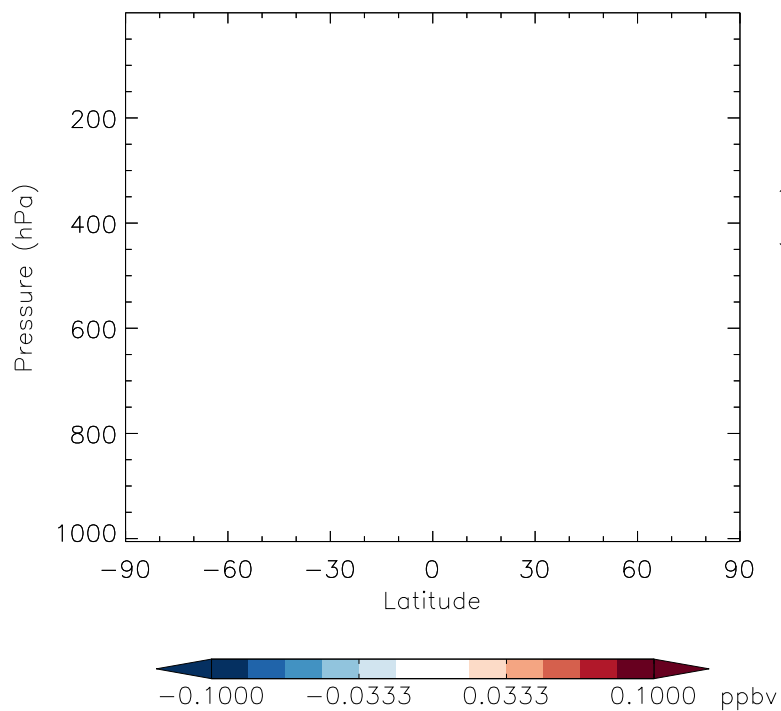
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ClO₂ - Zonal mean % diff for Jan



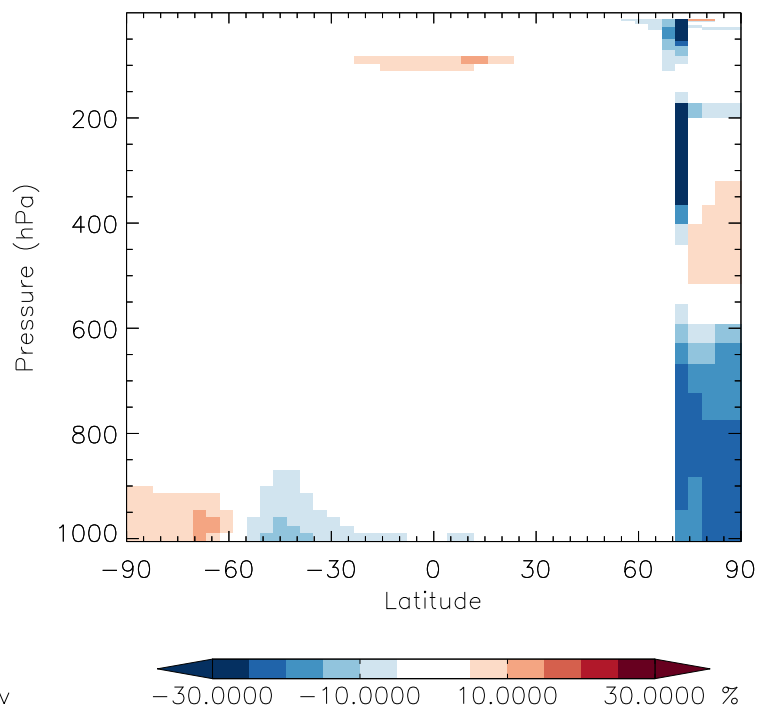
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ClO₂ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

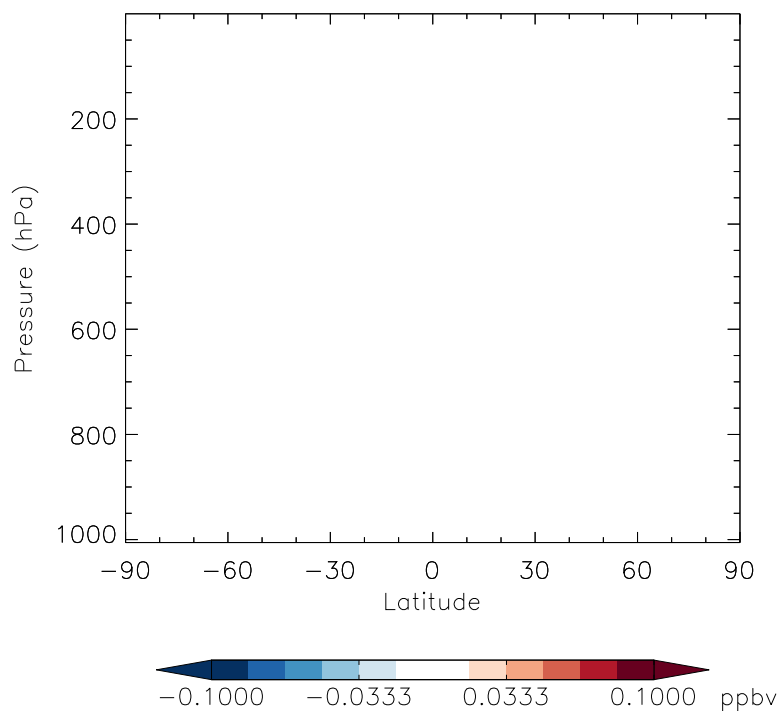
ClO₂ - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

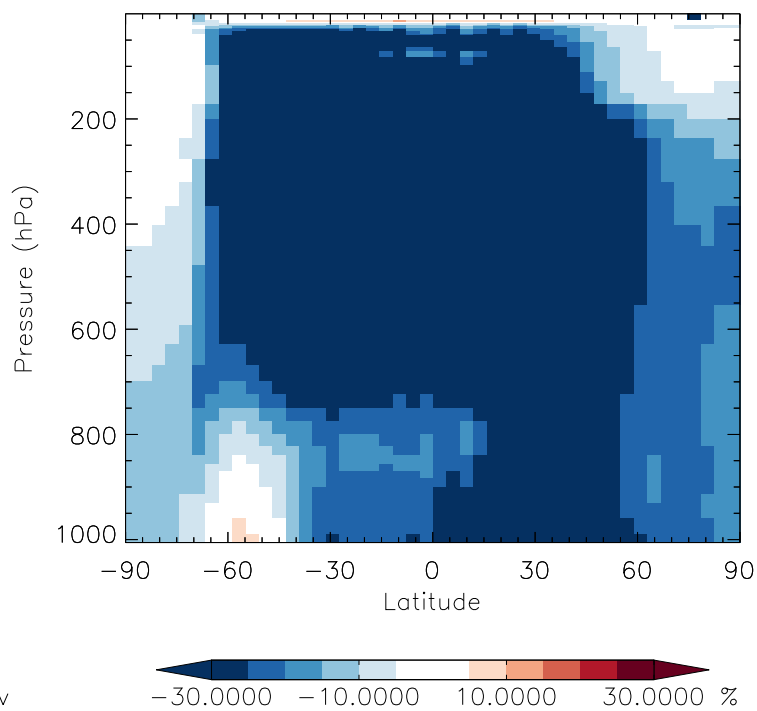
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OCIO - Zonal mean abs diff for Jan



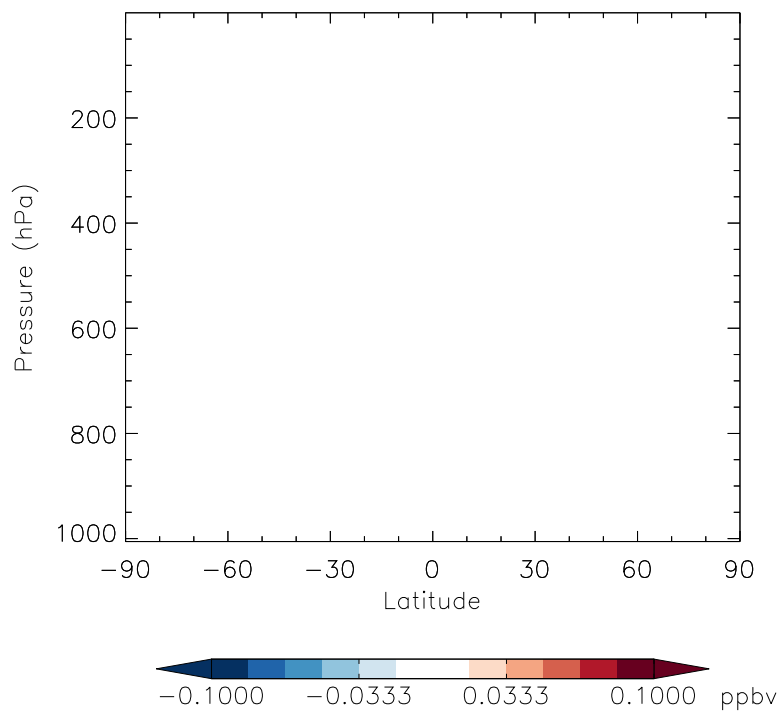
v11-01f-geosfp-Run0 / v11-01d-Run1

OCIO - Zonal mean % diff for Jan



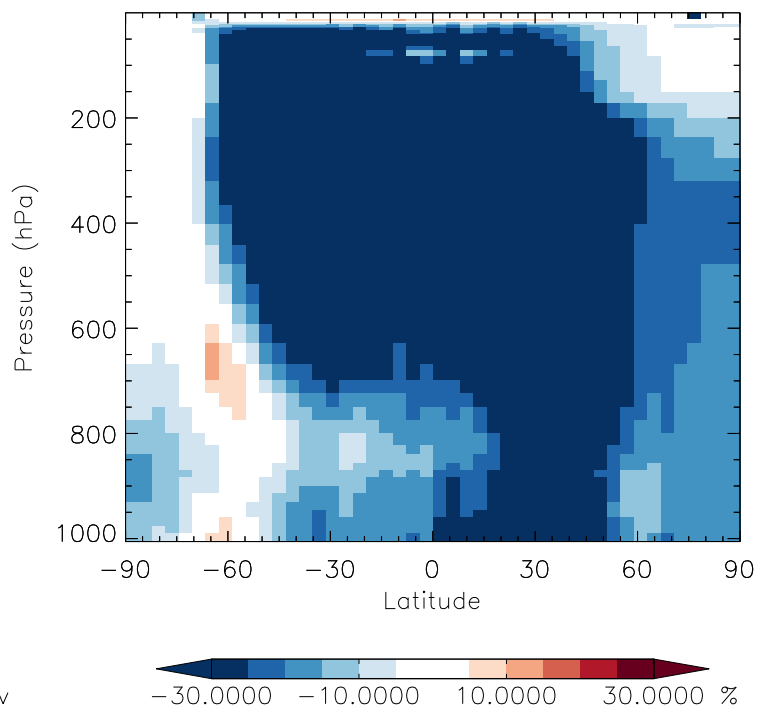
v11-01f-geosfp-Run0 - v11-01b-Run0

OCIO - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

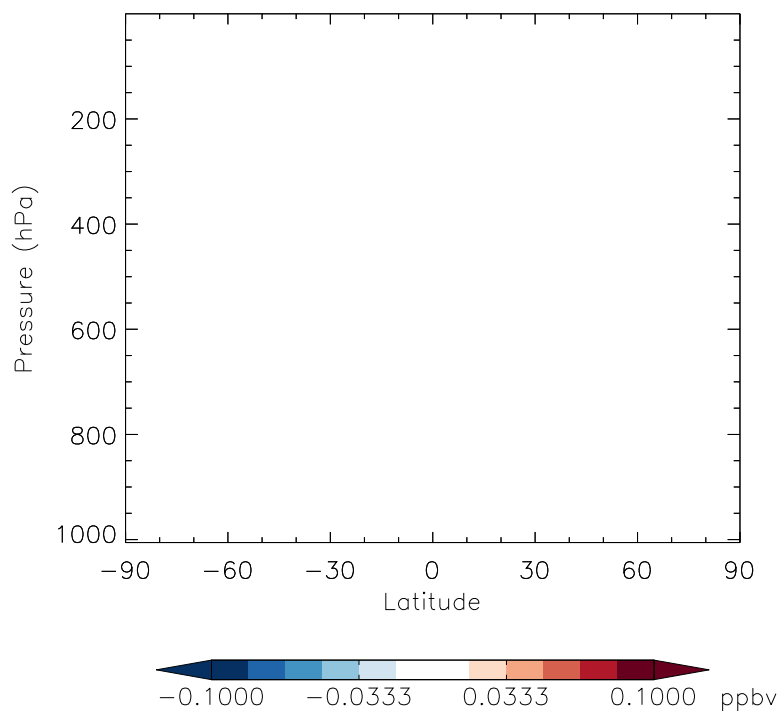
OCIO - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

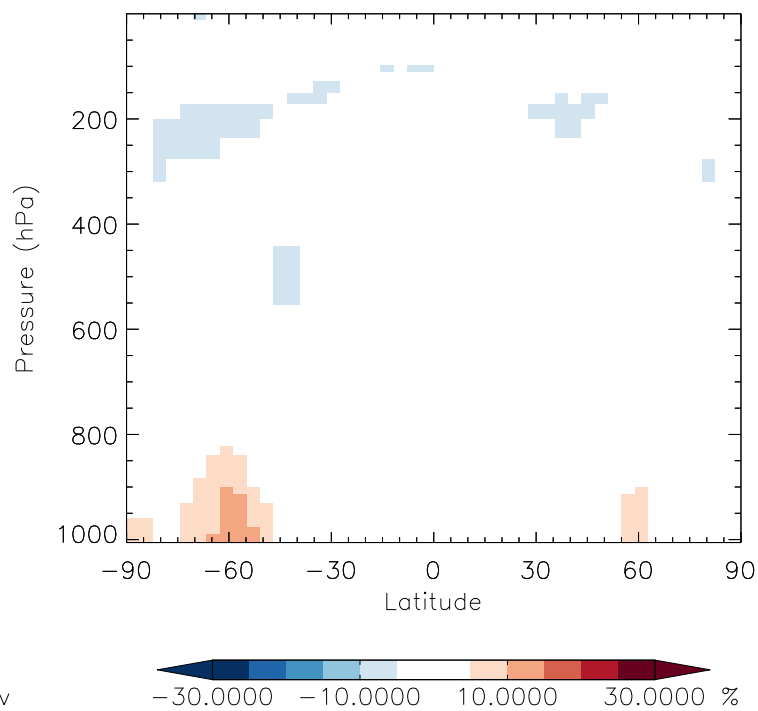
v11-01f-geosfp-Run0 - v11-01d-Run1

Cl2 - Zonal mean abs diff for Jan



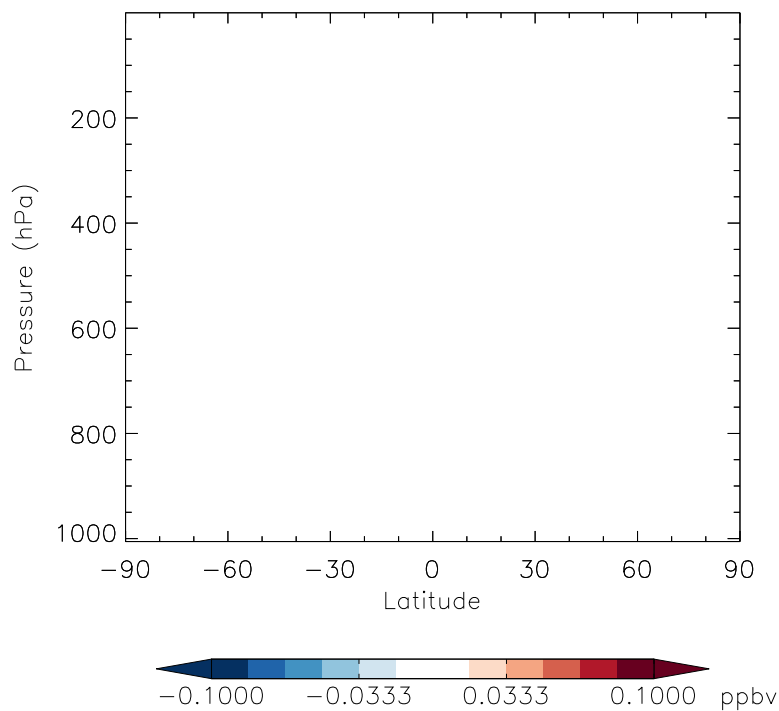
v11-01f-geosfp-Run0 / v11-01d-Run1

Cl2 - Zonal mean % diff for Jan



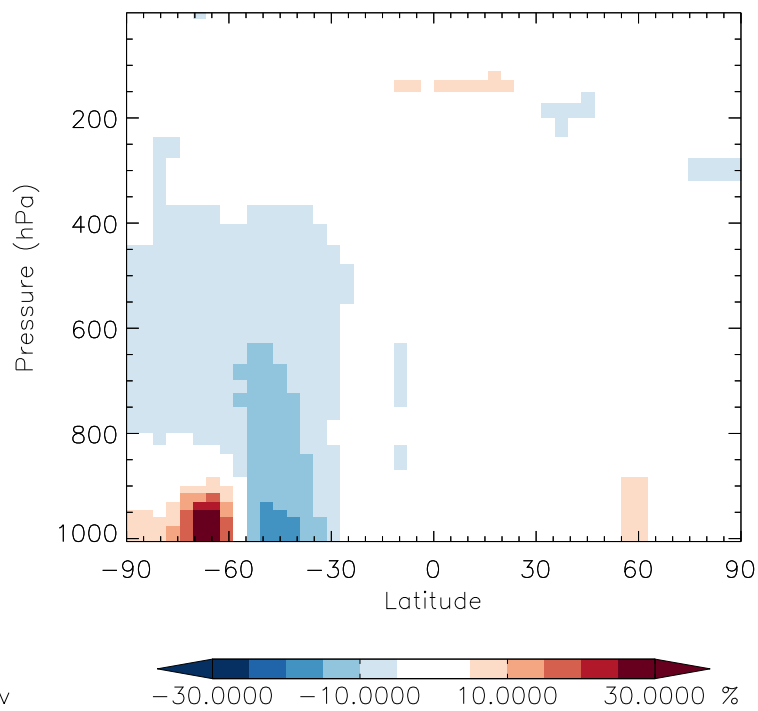
v11-01f-geosfp-Run0 - v11-01b-Run0

Cl2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

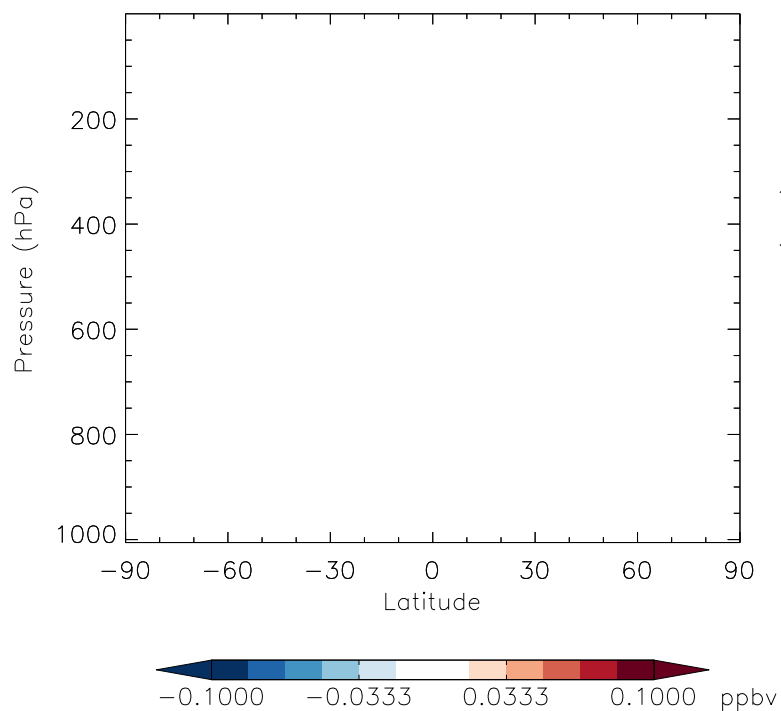
Cl2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

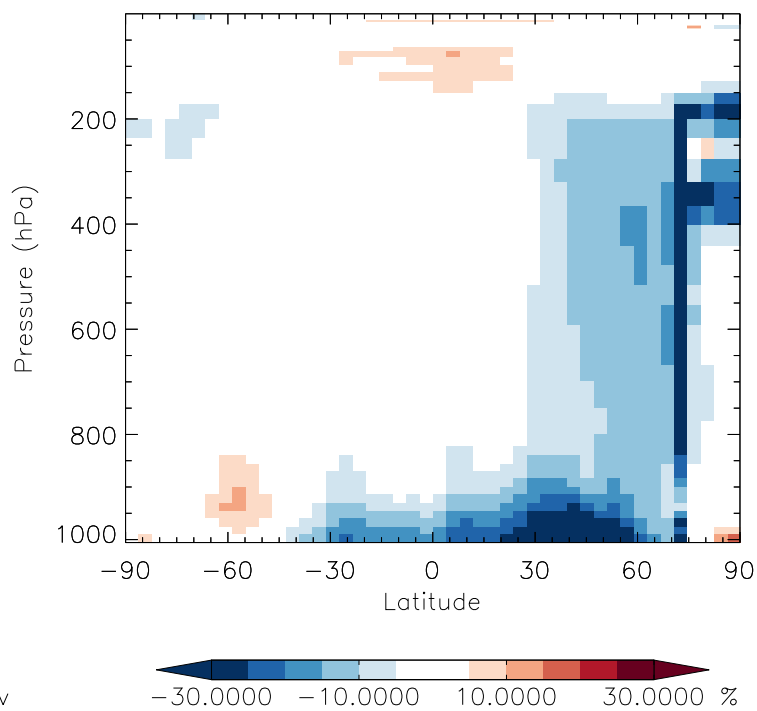
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Cl2O2 - Zonal mean abs diff for Jan



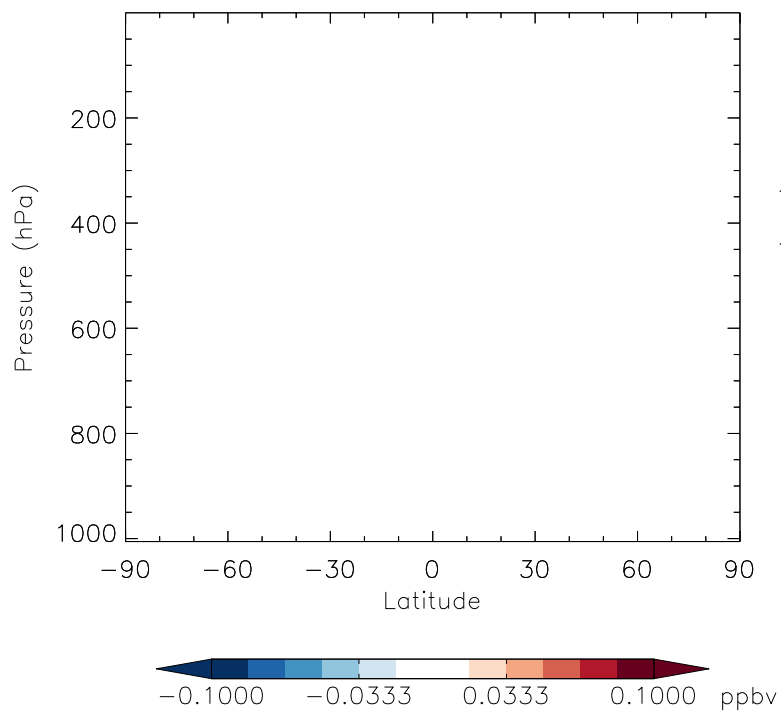
v11-01f-geosfp-Run0 / v11-01d-Run1

Cl2O2 - Zonal mean % diff for Jan



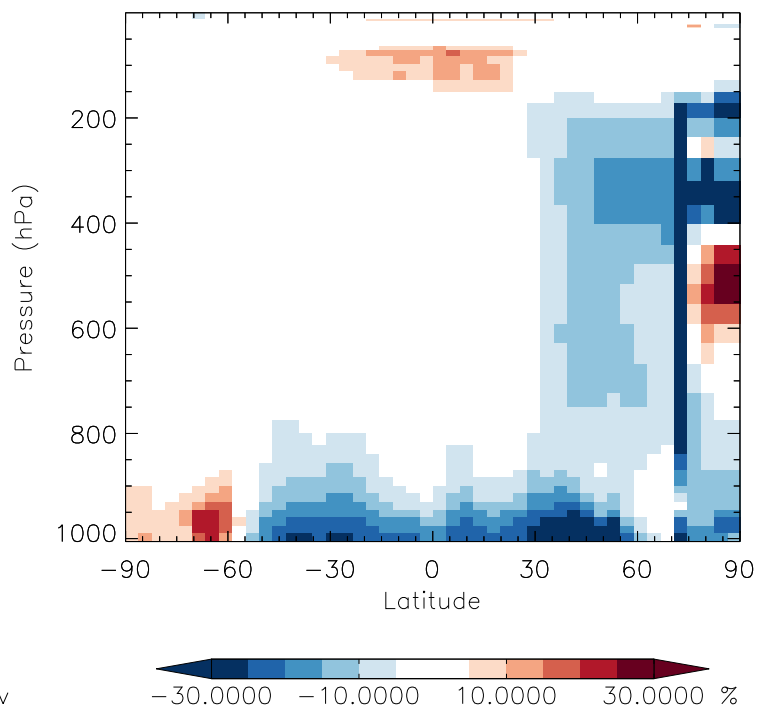
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Cl2O2 - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

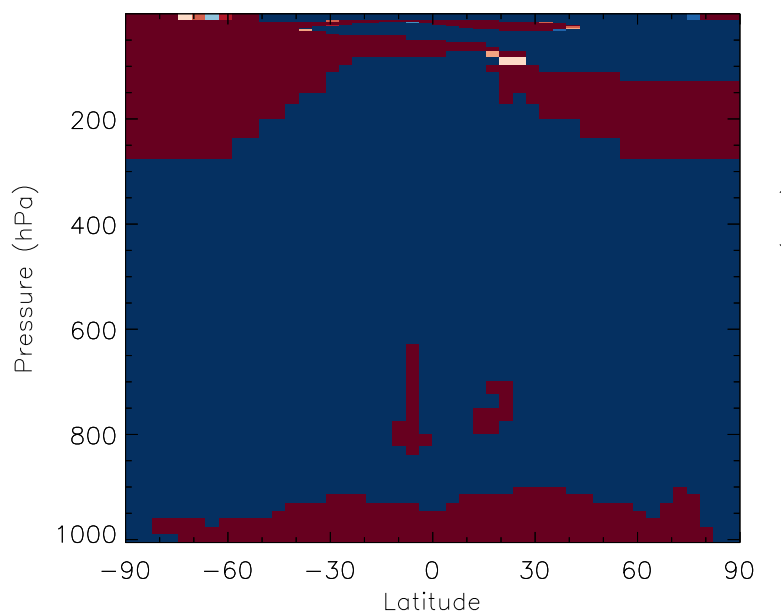
Cl2O2 - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

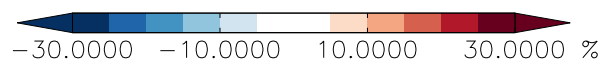
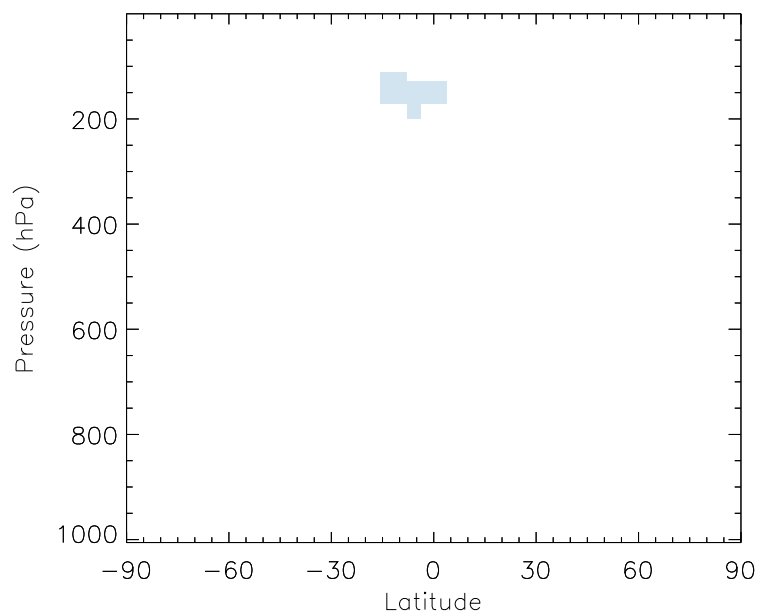
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H₂O - Zonal mean abs diff for Jan



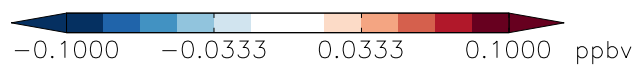
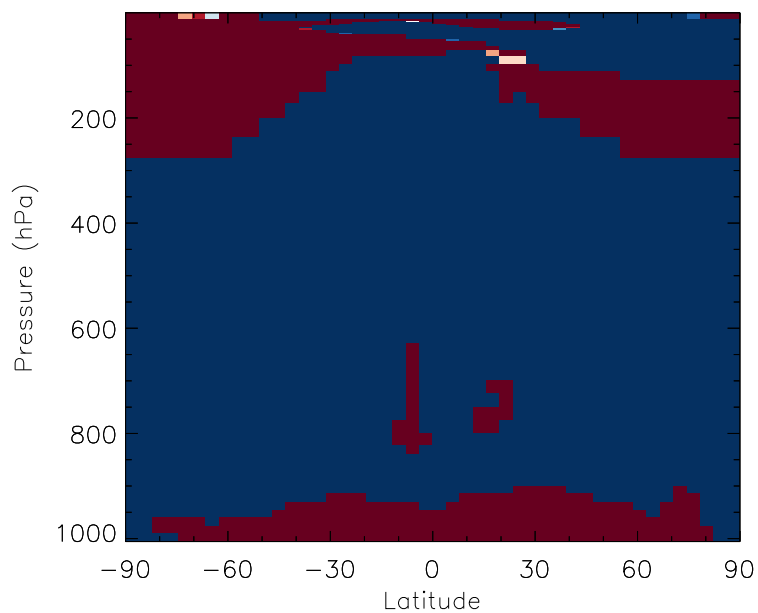
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H₂O - Zonal mean % diff for Jan



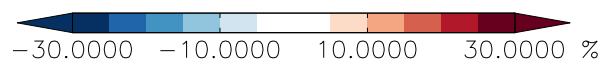
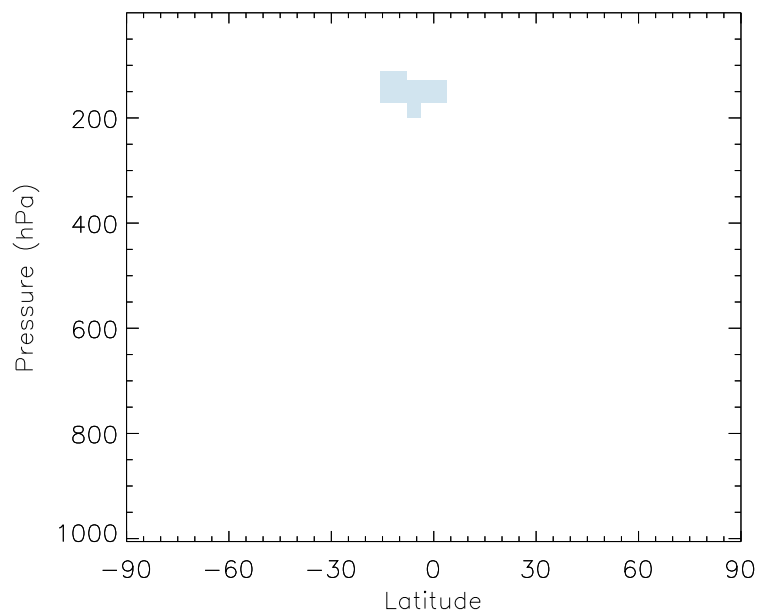
v11-01f-geosfp-Run0 - v11-01b-Run0

H₂O - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

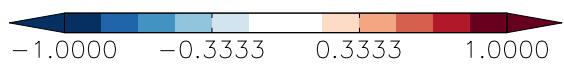
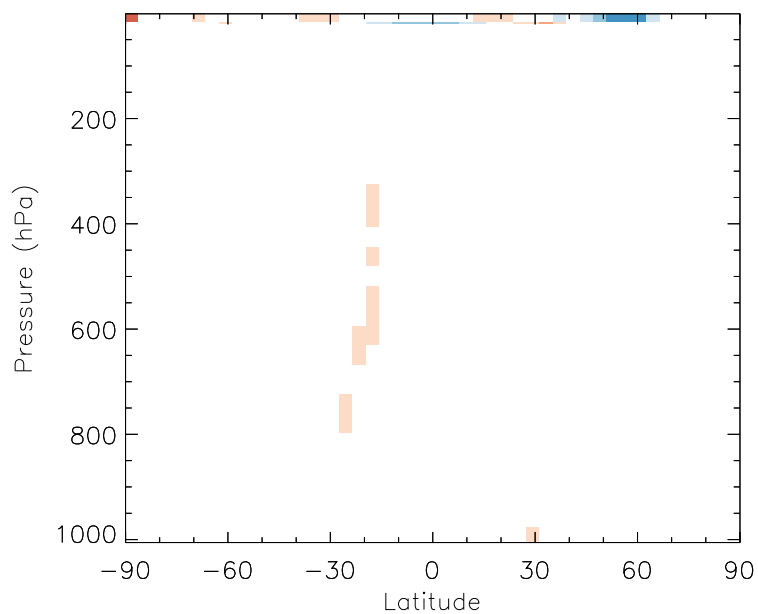
H₂O - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

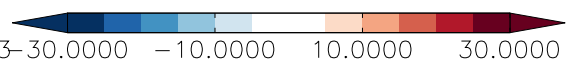
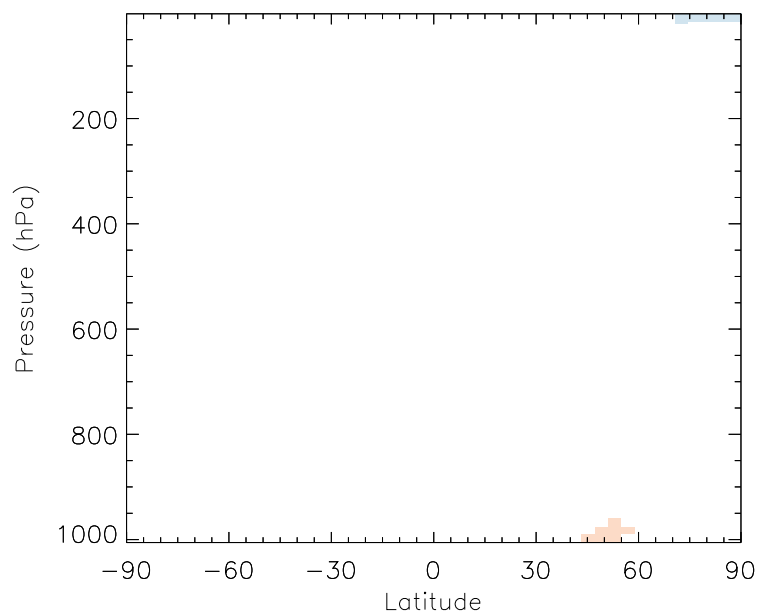
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OH - Zonal mean abs diff for Jan



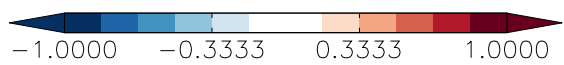
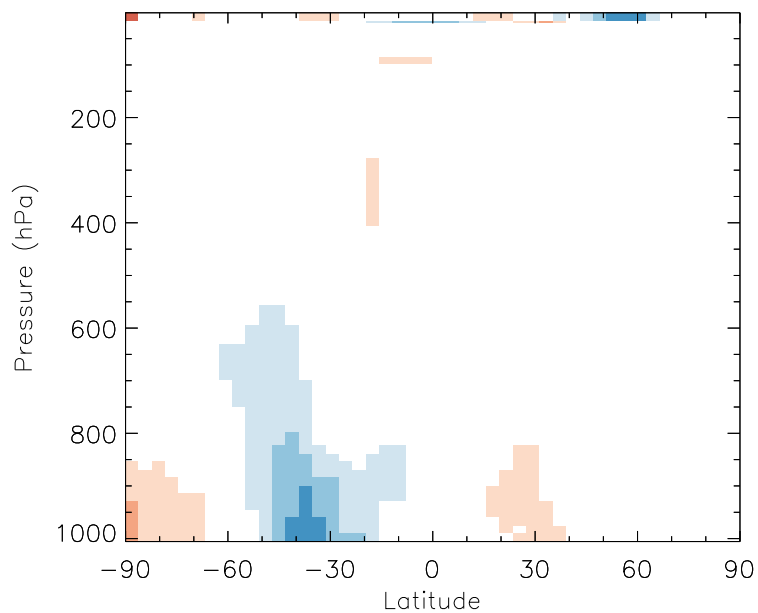
v11-01f-geosfp-Run0 / v11-01d-Run1

OH - Zonal mean % diff for Jan



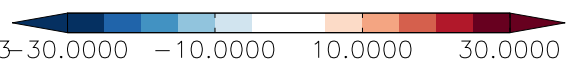
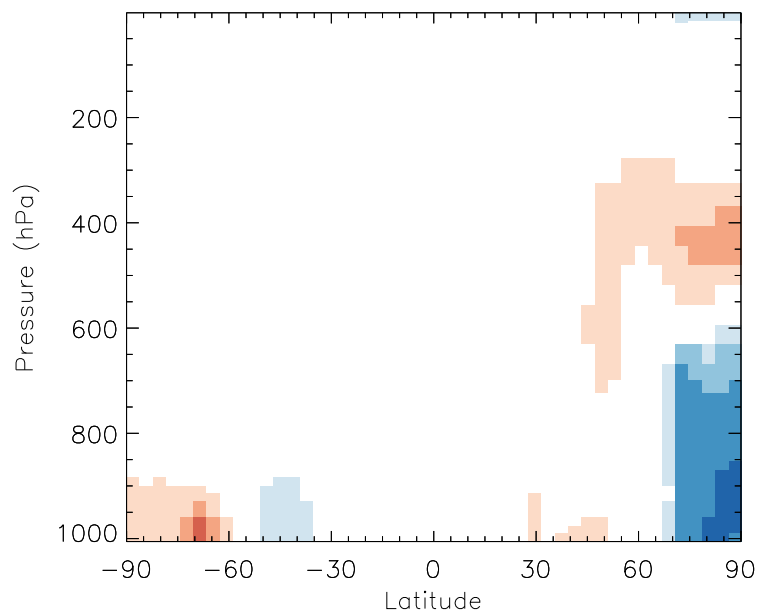
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OH - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

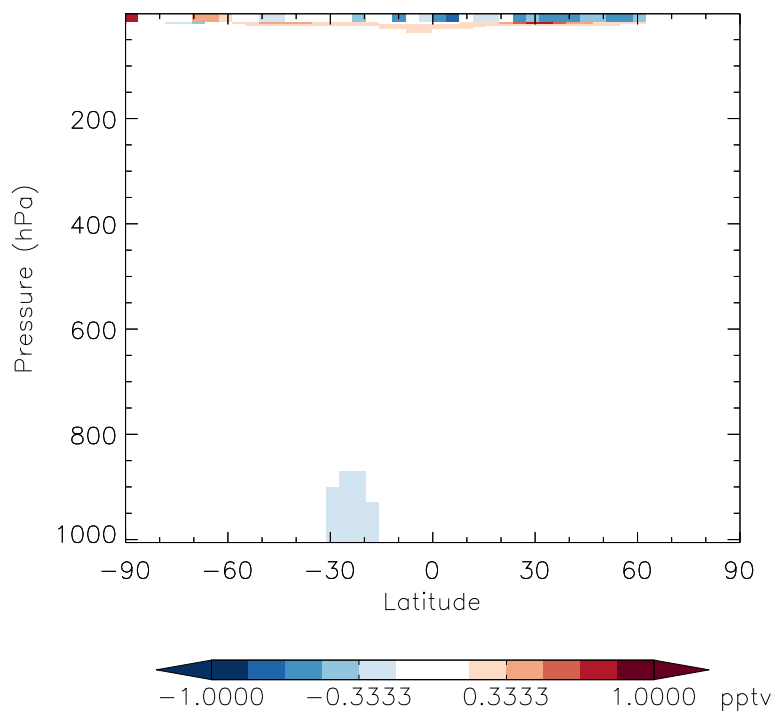
OH - Zonal mean % diff for Jan



GEOS-Chem Zonal Difference Maps

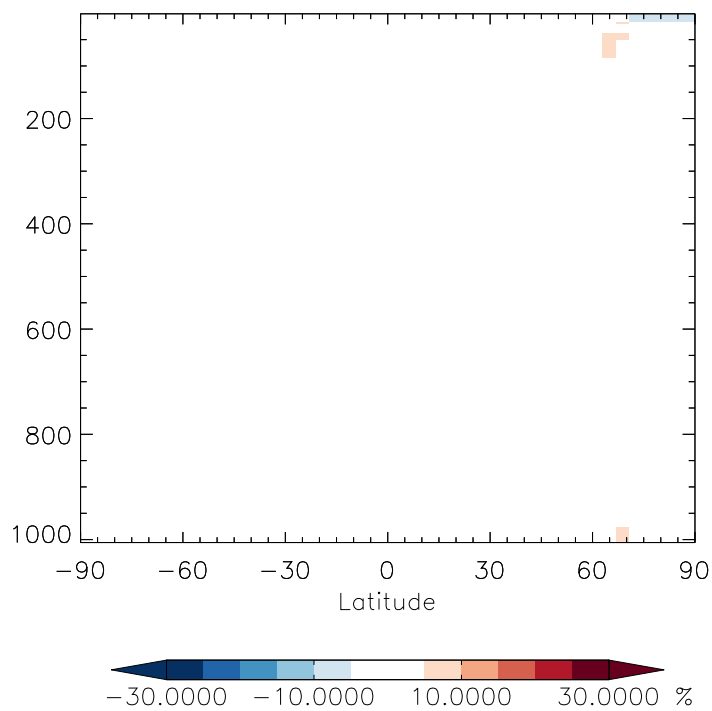
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H₂O₂ - Zonal mean abs diff for Jan



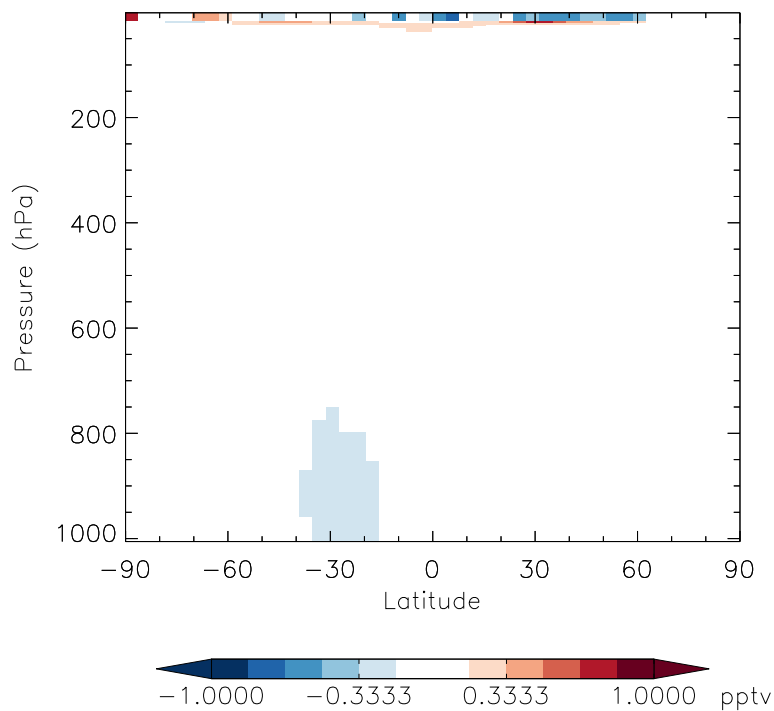
v11-01f-geosfp-Run0 / v11-01d-Run1

H₂O₂ - Zonal mean % diff for Jan



v11-01f-geosfp-Run0 - v11-01b-Run0

H₂O₂ - Zonal mean abs diff for Jan



v11-01f-geosfp-Run0 / v11-01b-Run0

H₂O₂ - Zonal mean % diff for Jan

