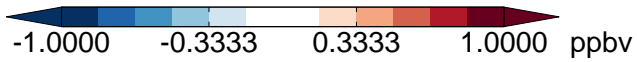
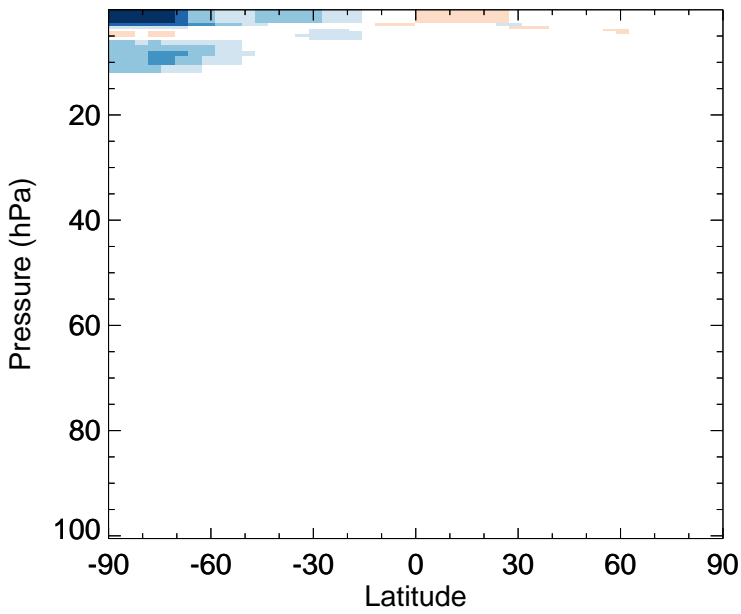


GEOS-Chem Stratospheric Zonal Difference Maps

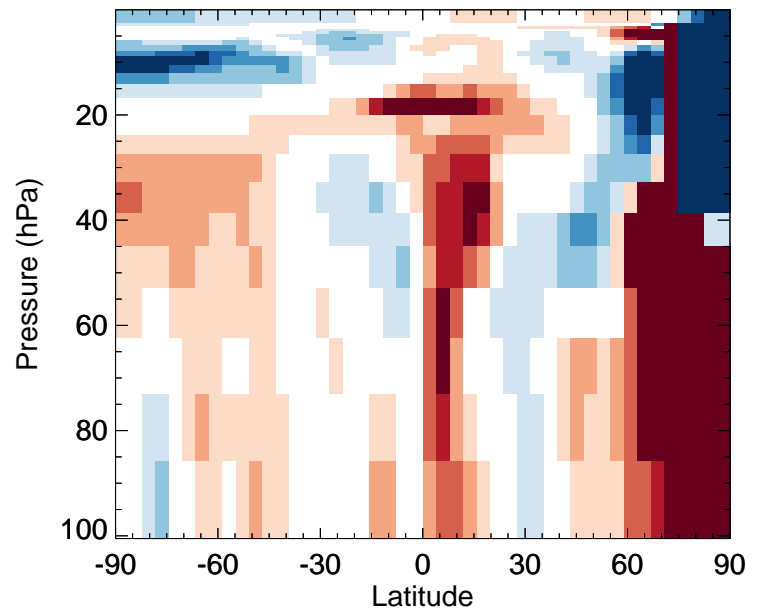
v11-02e-Run1 - v11-02e-Run0

NO - Strat zonal mean abs diff for Jan



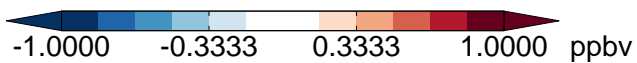
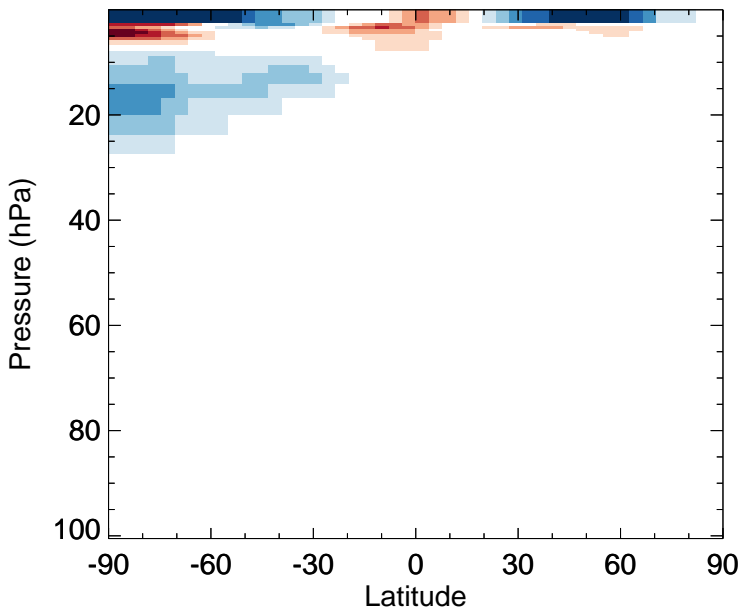
v11-02e-Run1 / v11-02e-Run0

NO - Strat zonal mean % diff for Jan



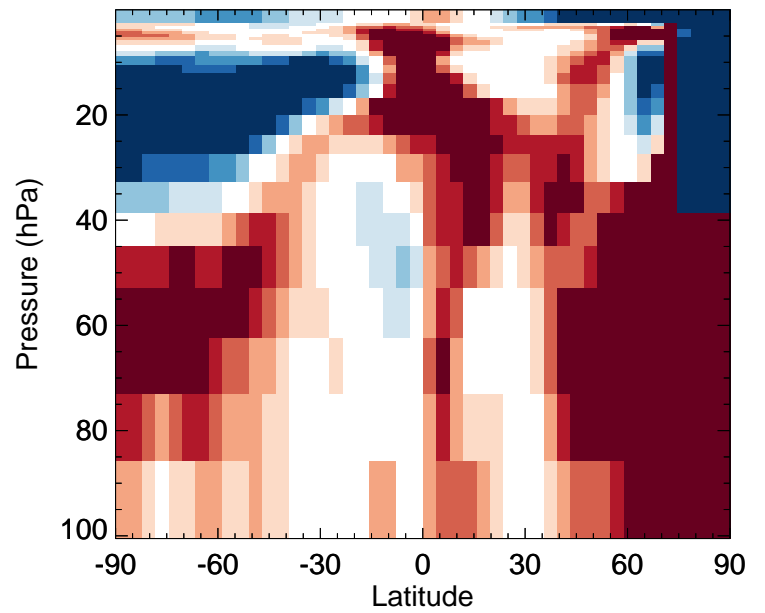
v11-02e-Run1 - v11-02d-Run1

NO - Strat zonal mean abs diff for Jan



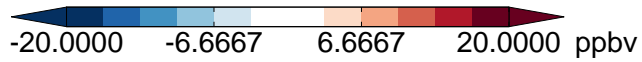
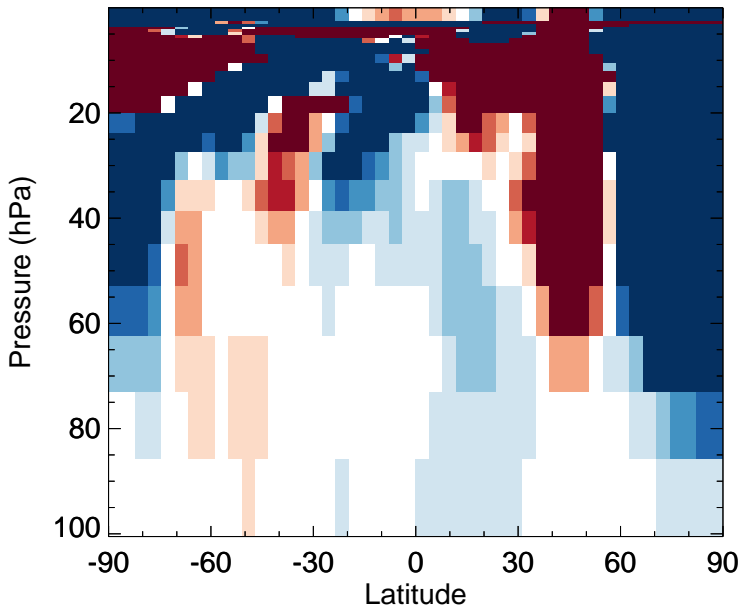
v11-02e-Run1 / v11-02d-Run1

NO - Strat zonal mean % diff for Jan

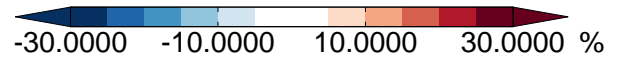
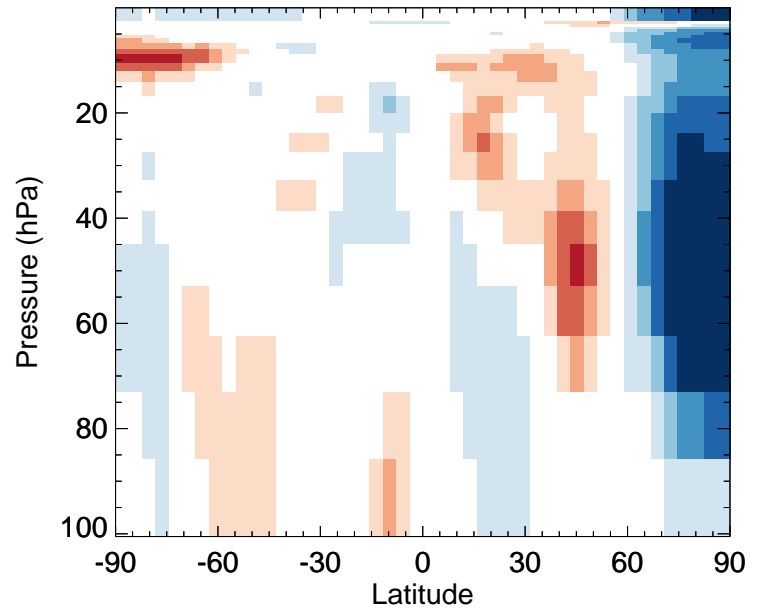


# GEOS-Chem Stratospheric Zonal Difference Maps

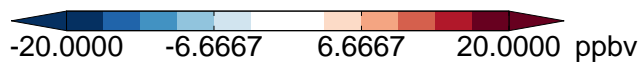
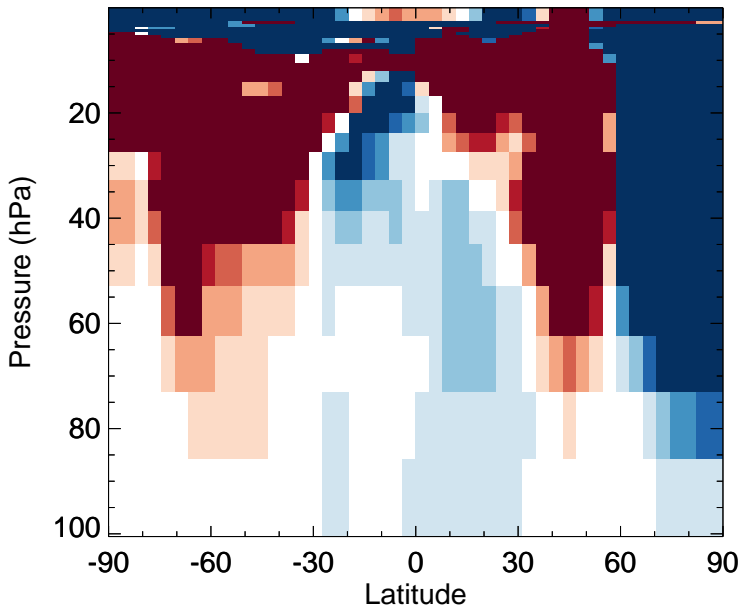
v11-02e-Run1 - v11-02e-Run0  
O3 - Strat zonal mean abs diff for Jan



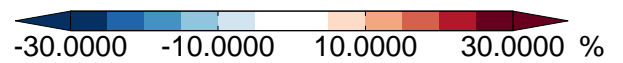
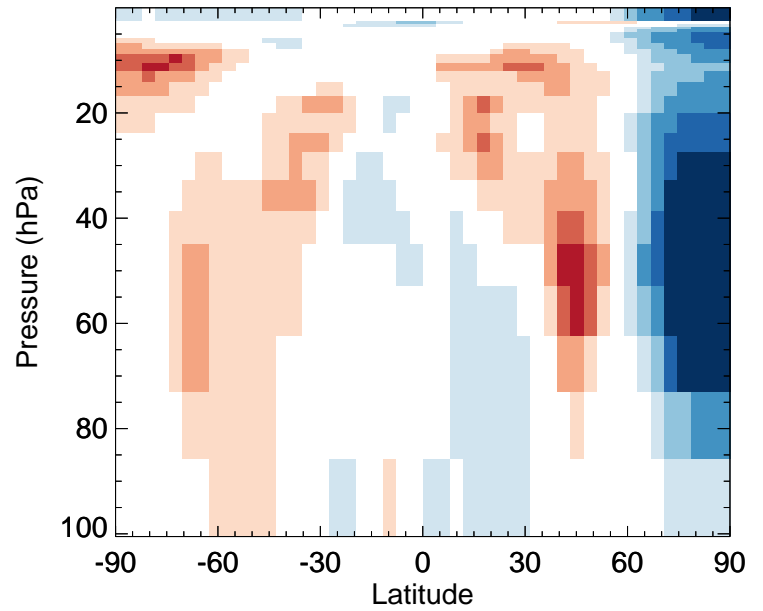
v11-02e-Run1 / v11-02e-Run0  
O3 - Strat zonal mean % diff for Jan



v11-02e-Run1 - v11-02d-Run1  
O3 - Strat zonal mean abs diff for Jan



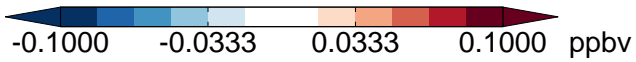
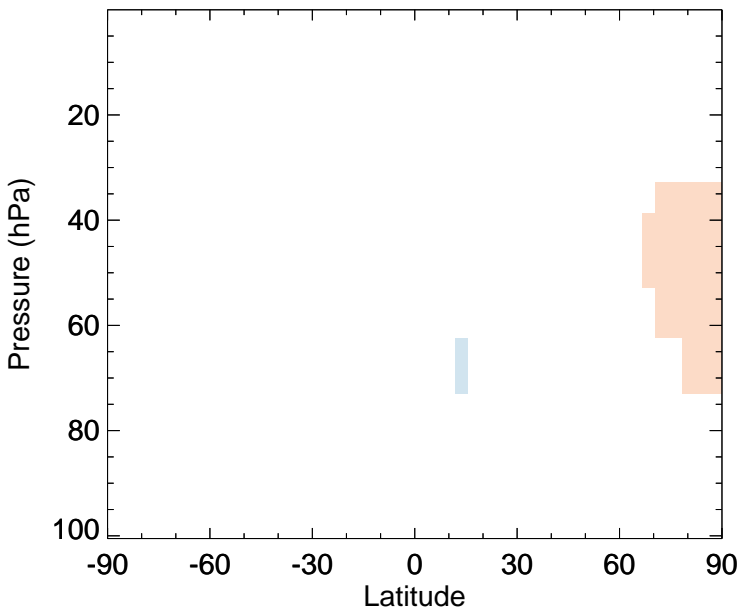
v11-02e-Run1 / v11-02d-Run1  
O3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

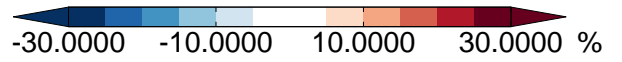
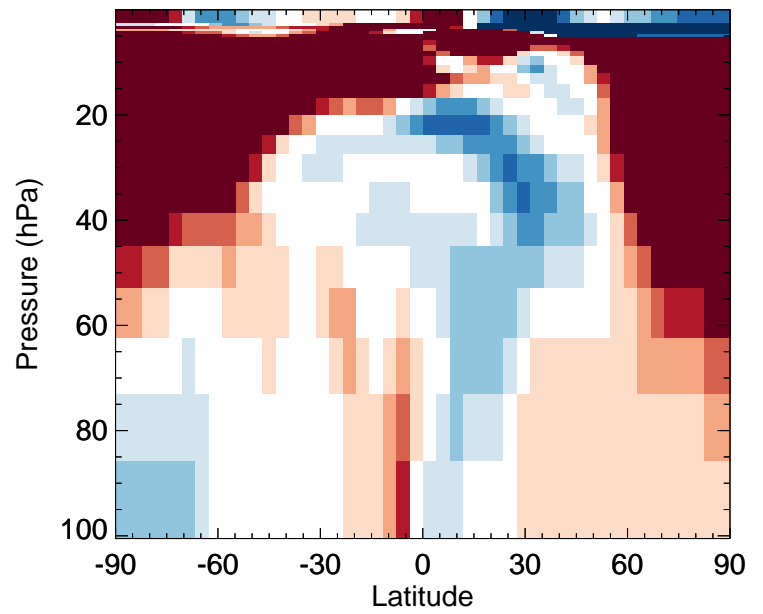
v11-02e-Run1 - v11-02e-Run0

PAN - Strat zonal mean abs diff for Jan



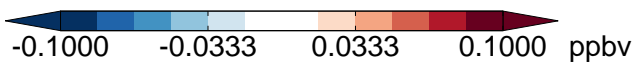
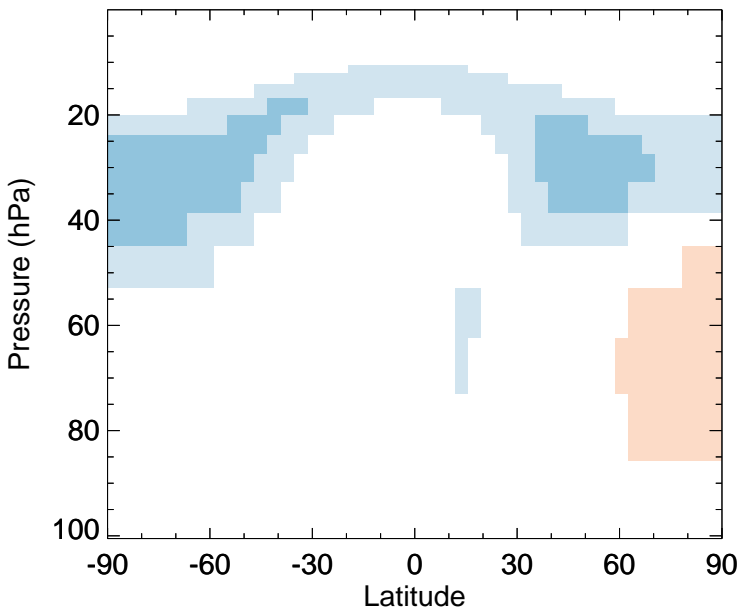
v11-02e-Run1 / v11-02e-Run0

PAN - Strat zonal mean % diff for Jan



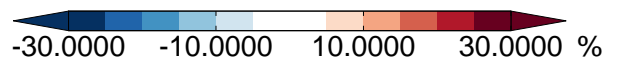
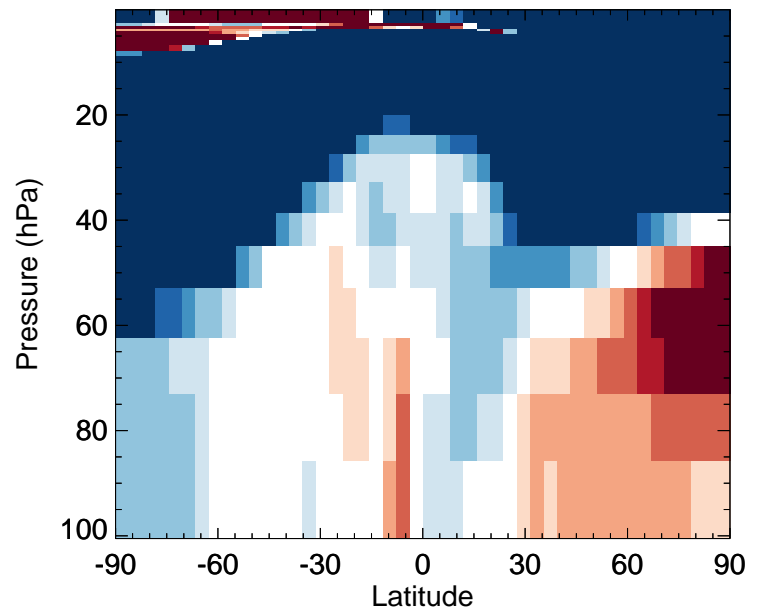
v11-02e-Run1 - v11-02d-Run1

PAN - Strat zonal mean abs diff for Jan



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

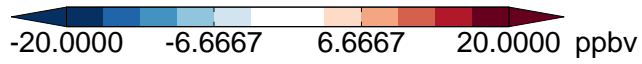
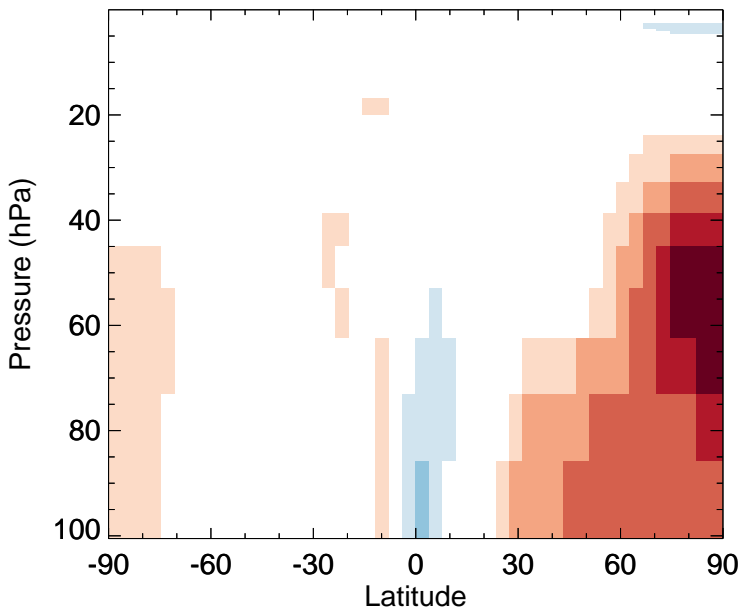
PAN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

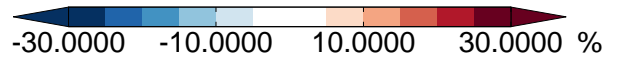
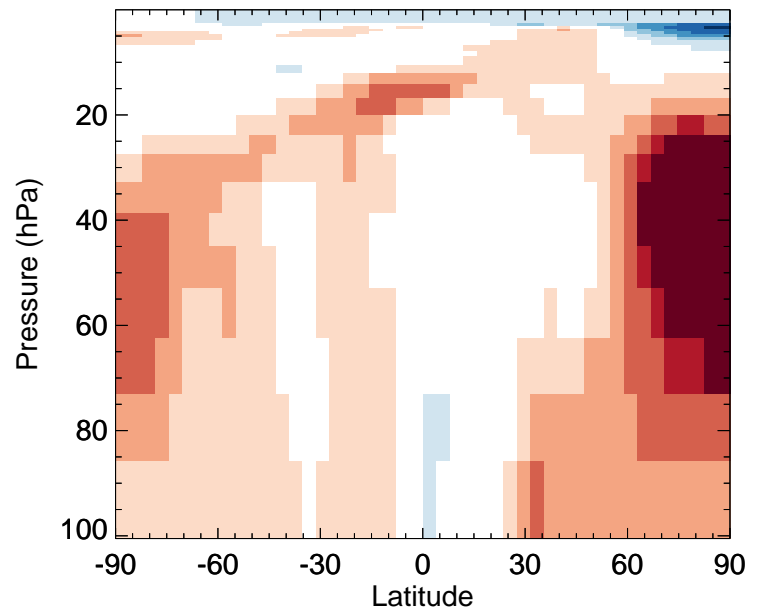
v11-02e-Run1 - v11-02e-Run0

CO - Strat zonal mean abs diff for Jan



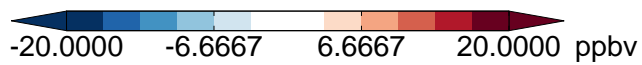
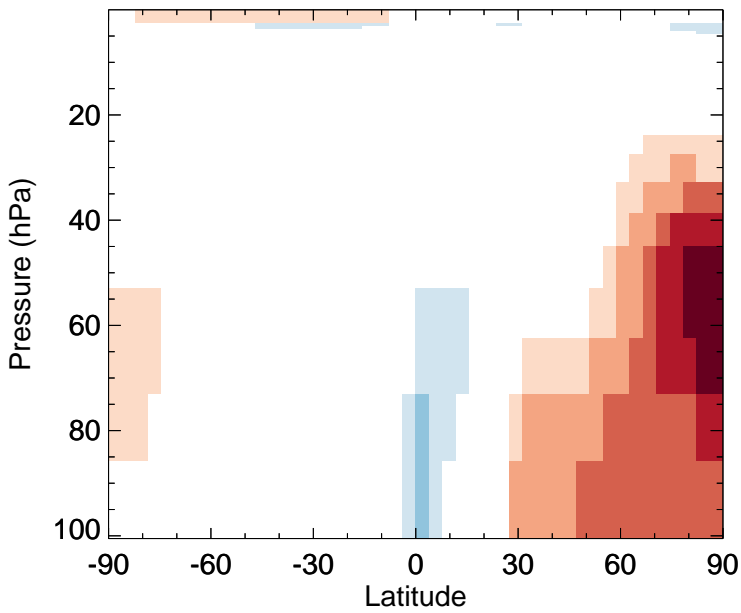
v11-02e-Run1 / v11-02e-Run0

CO - Strat zonal mean % diff for Jan



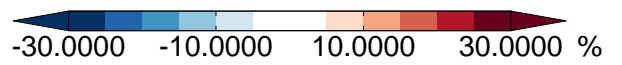
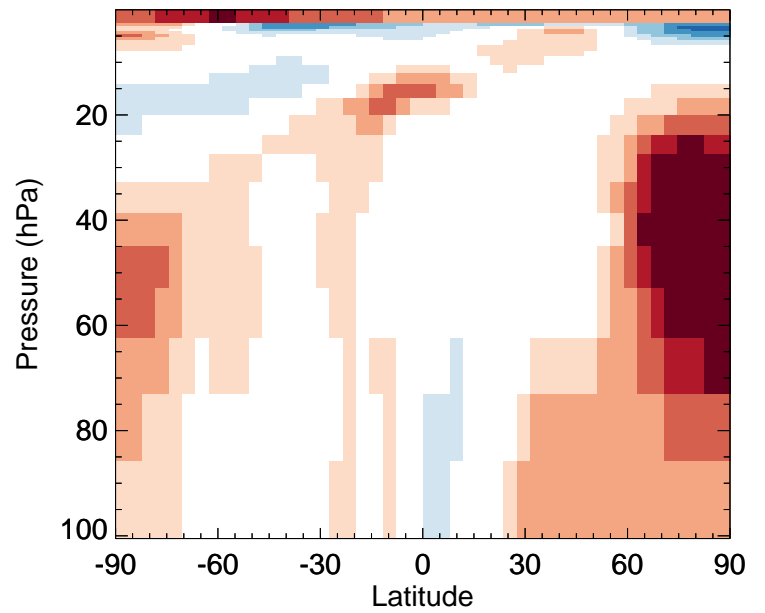
v11-02e-Run1 - v11-02d-Run1

CO - Strat zonal mean abs diff for Jan



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

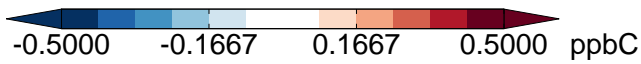
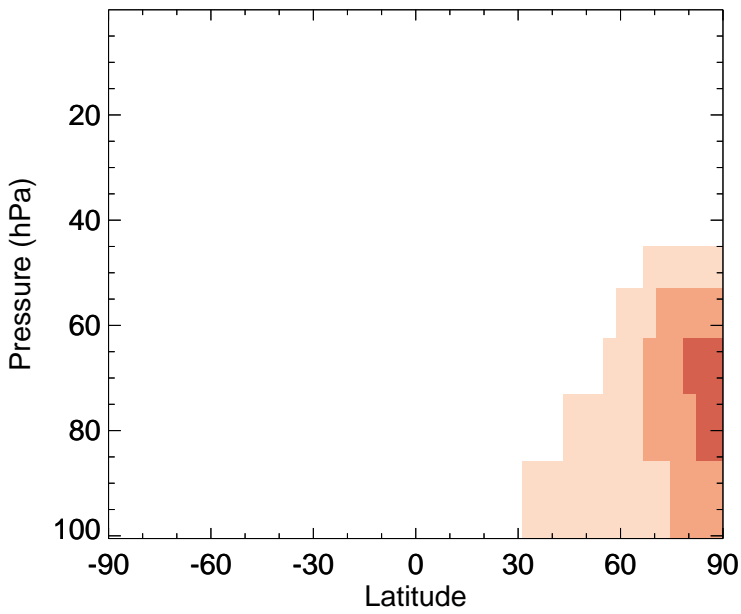
CO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

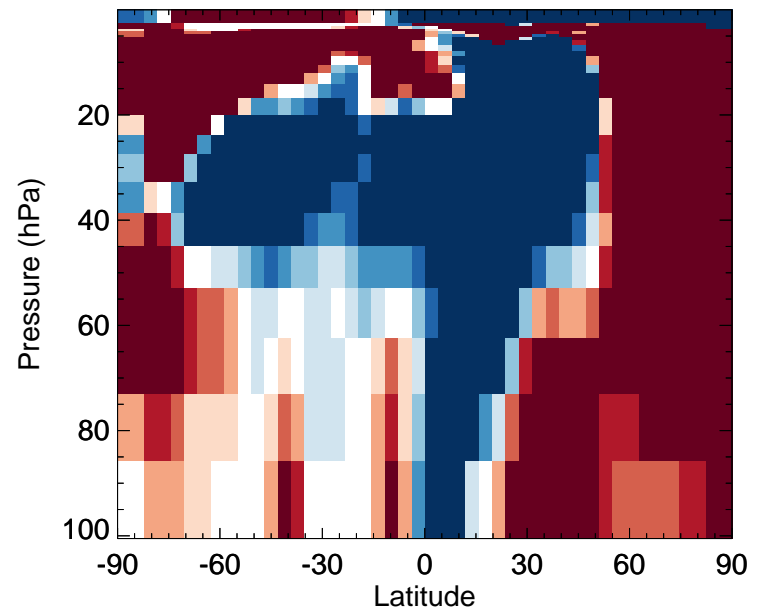
v11-02e-Run1 - v11-02e-Run0

ALK4 - Strat zonal mean abs diff for Jan



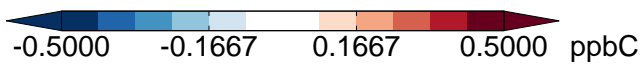
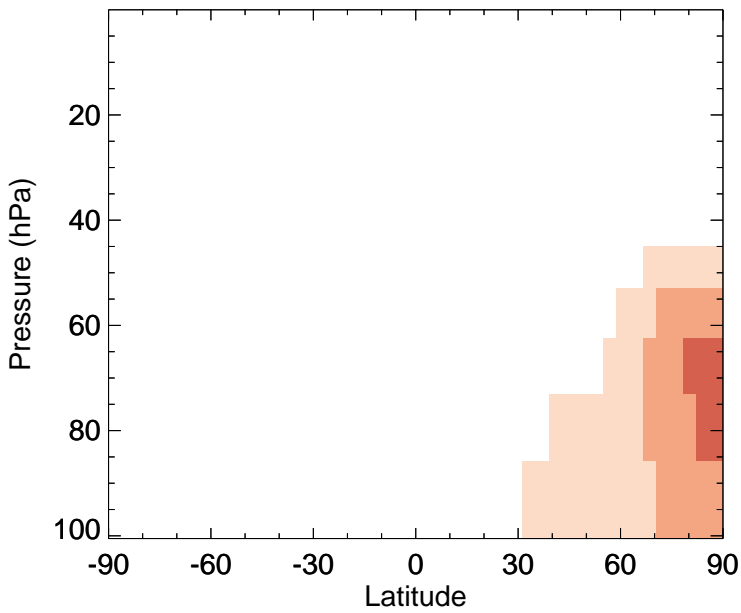
v11-02e-Run1 / v11-02e-Run0

ALK4 - Strat zonal mean % diff for Jan



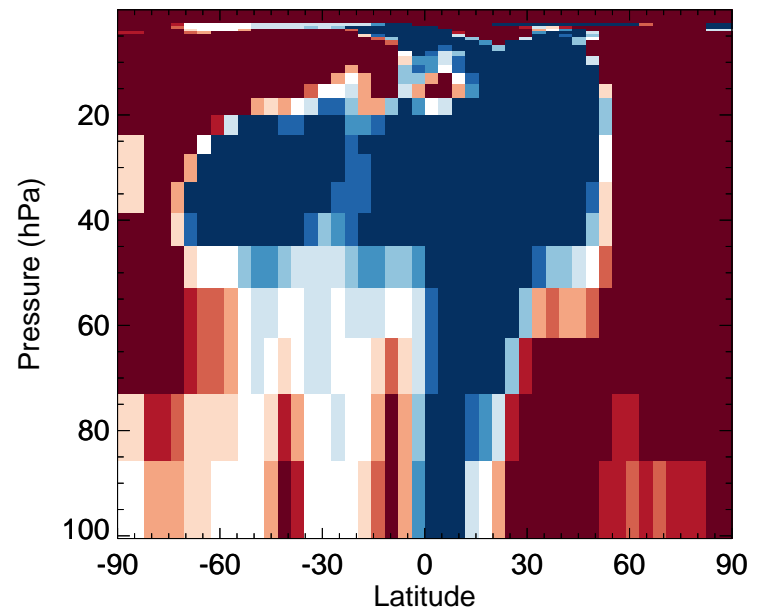
v11-02e-Run1 - v11-02d-Run1

ALK4 - Strat zonal mean abs diff for Jan



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

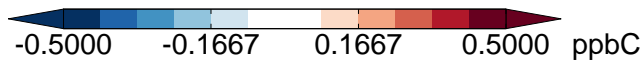
ALK4 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

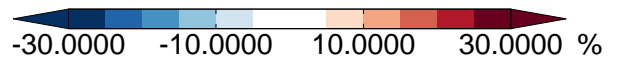
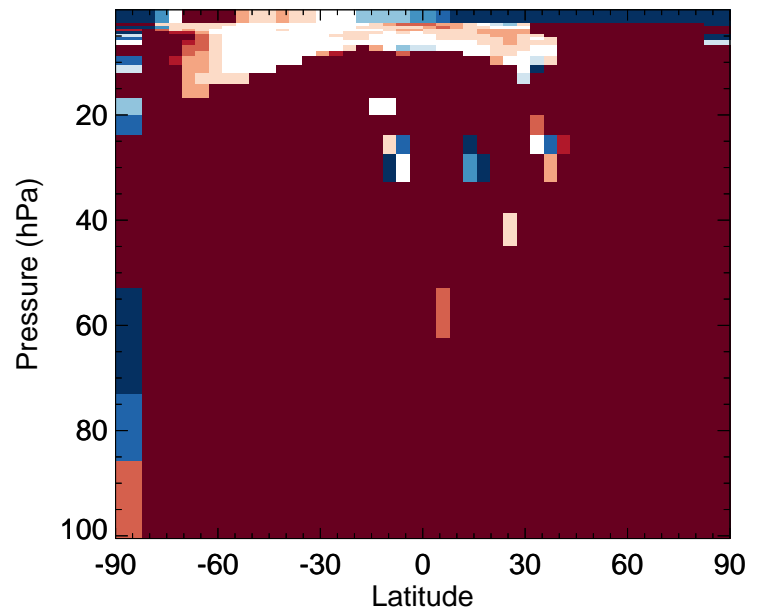
v11-02e-Run1 - v11-02e-Run0

ISOP - Strat zonal mean abs diff for Jan



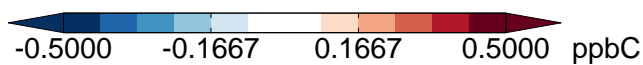
v11-02e-Run1 / v11-02e-Run0

ISOP - Strat zonal mean % diff for Jan



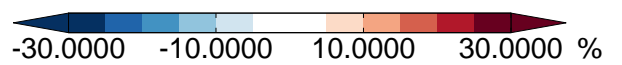
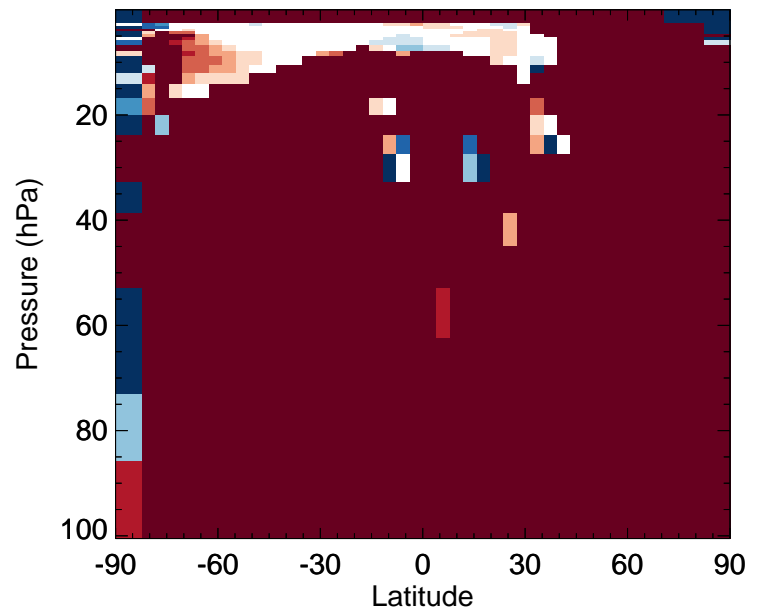
v11-02e-Run1 - v11-02d-Run1

ISOP - Strat zonal mean abs diff for Jan



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

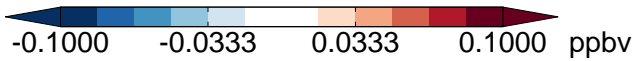
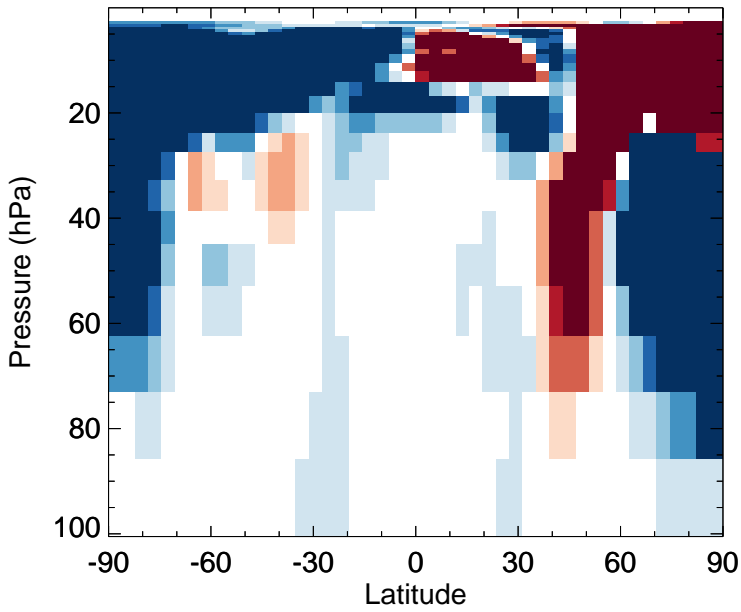
ISOP - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

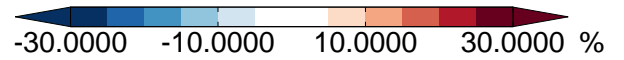
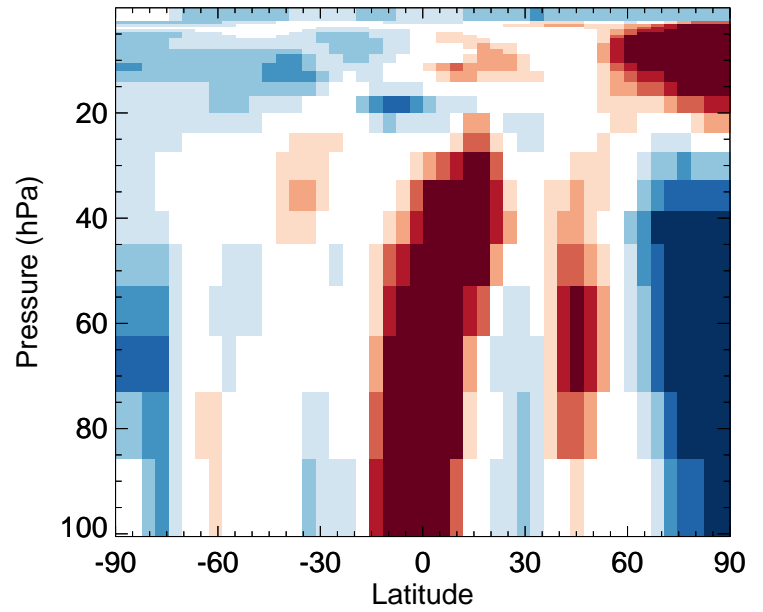
v11-02e-Run1 - v11-02e-Run0

HNO<sub>3</sub> - Strat zonal mean abs diff for Jan



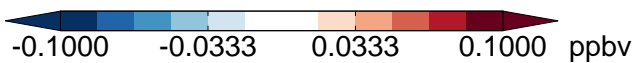
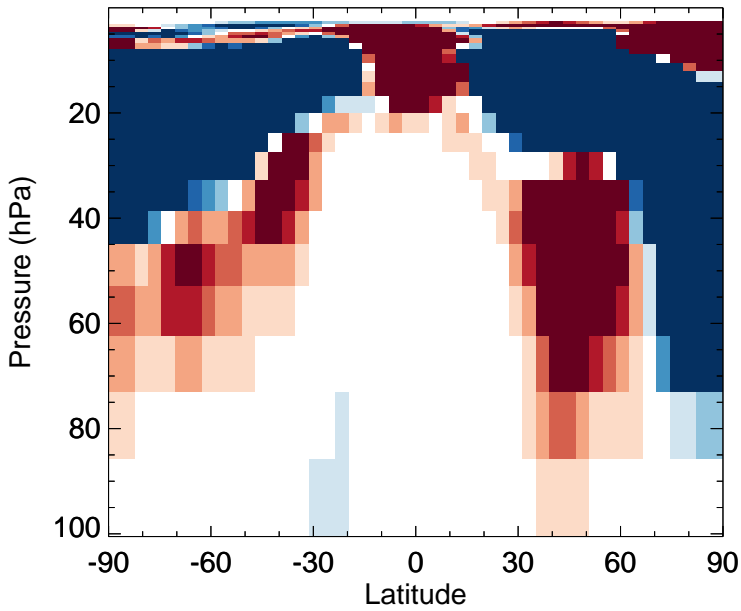
v11-02e-Run1 / v11-02e-Run0

HNO<sub>3</sub> - Strat zonal mean % diff for Jan



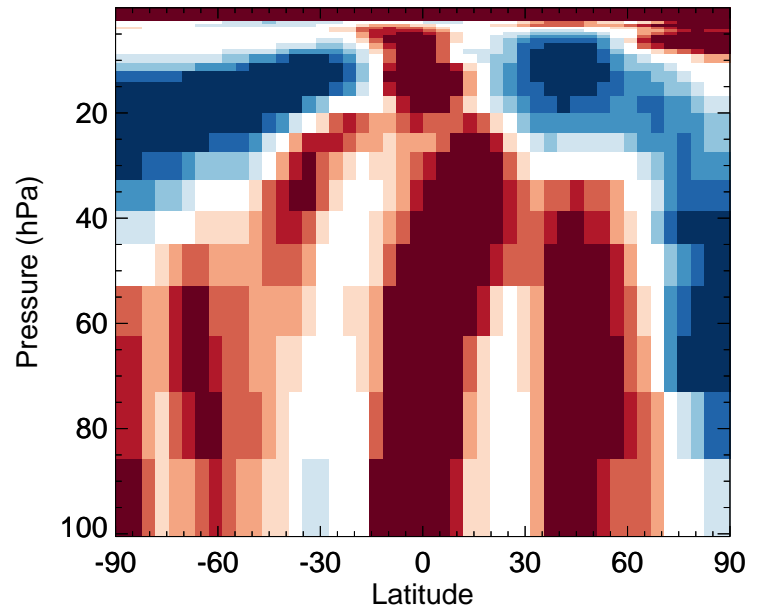
v11-02e-Run1 - v11-02d-Run1

HNO<sub>3</sub> - Strat zonal mean abs diff for Jan



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

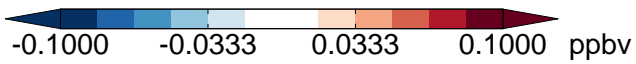
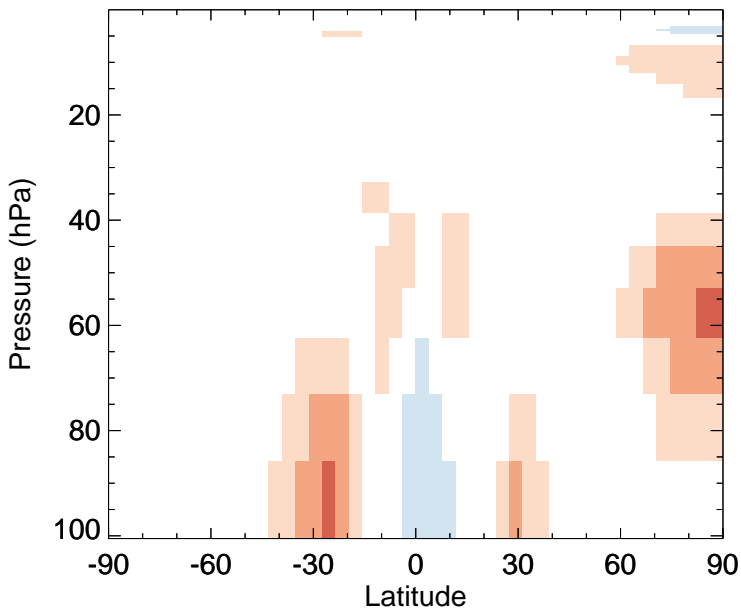
HNO<sub>3</sub> - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

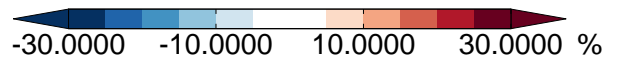
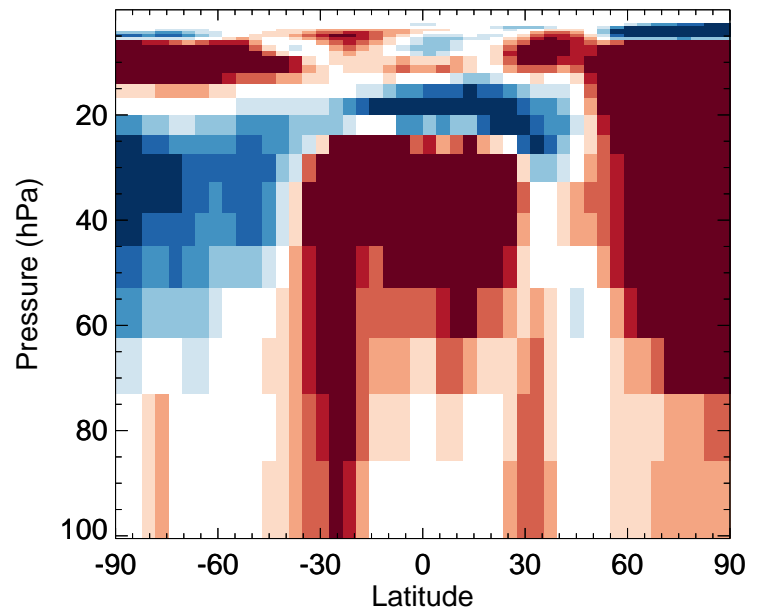
v11-02e-Run1 - v11-02e-Run0

H2O2 - Strat zonal mean abs diff for Jan



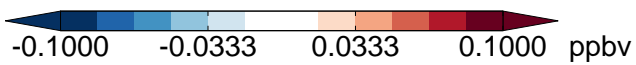
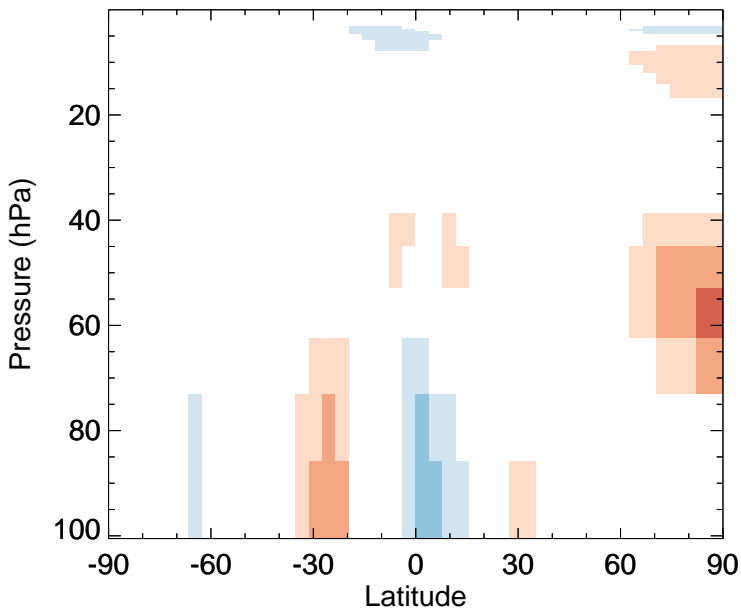
v11-02e-Run1 / v11-02e-Run0

H2O2 - Strat zonal mean % diff for Jan



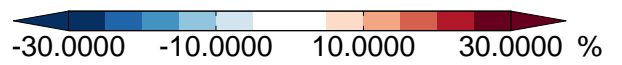
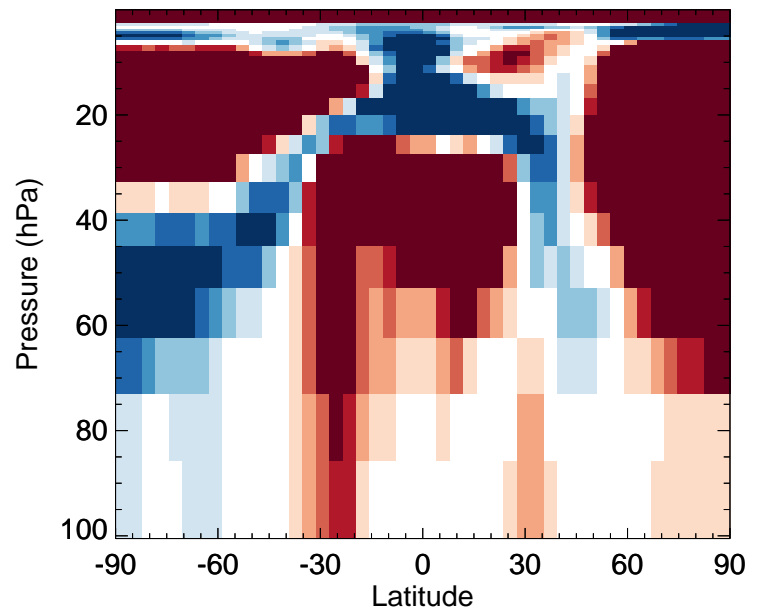
v11-02e-Run1 - v11-02d-Run1

H2O2 - Strat zonal mean abs diff for Jan



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

H2O2 - Strat zonal mean % diff for Jan

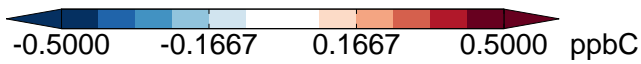
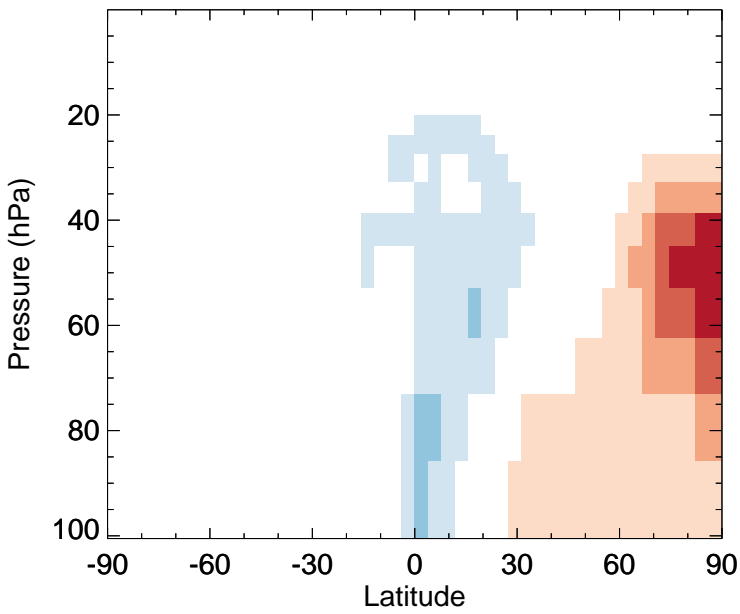




# GEOS-Chem Stratospheric Zonal Difference Maps

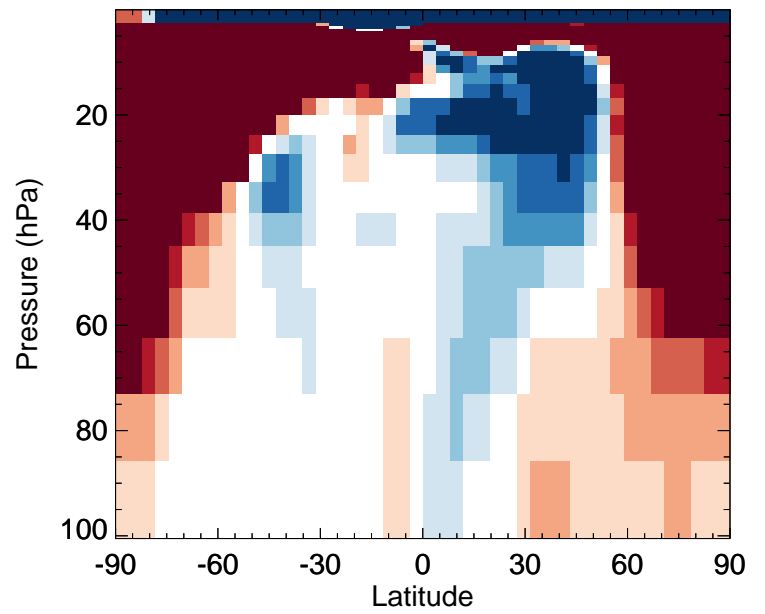
v11-02e-Run1 - v11-02e-Run0

ACET - Strat zonal mean abs diff for Jan



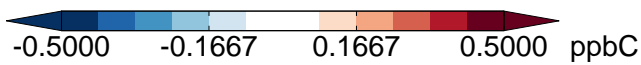
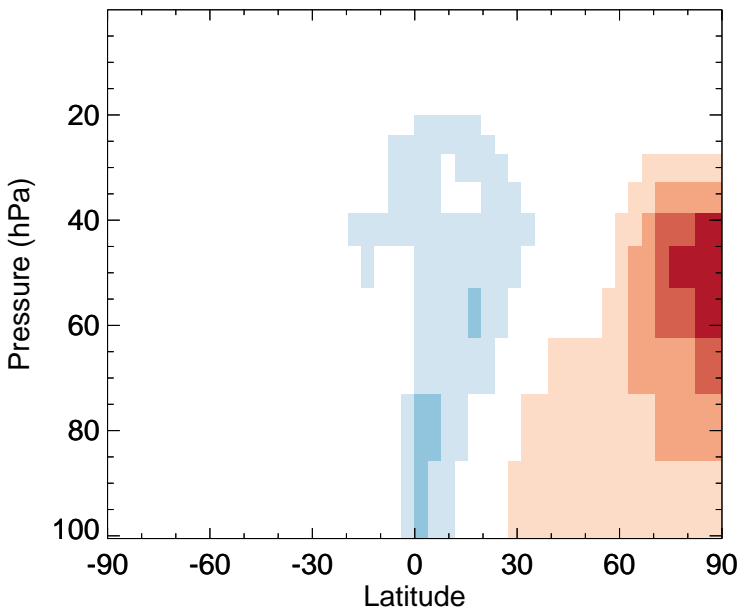
v11-02e-Run1 / v11-02e-Run0

ACET - Strat zonal mean % diff for Jan



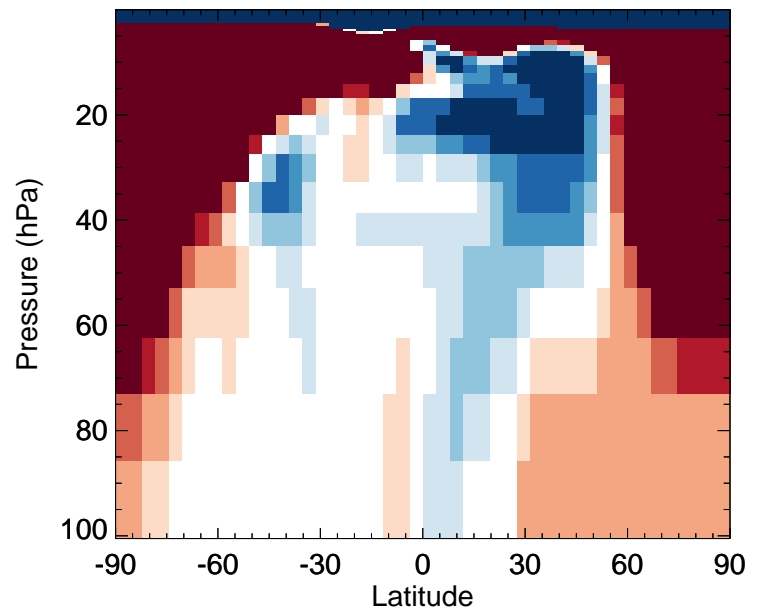
v11-02e-Run1 - v11-02d-Run1

ACET - Strat zonal mean abs diff for Jan



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

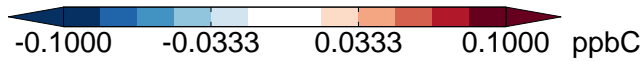
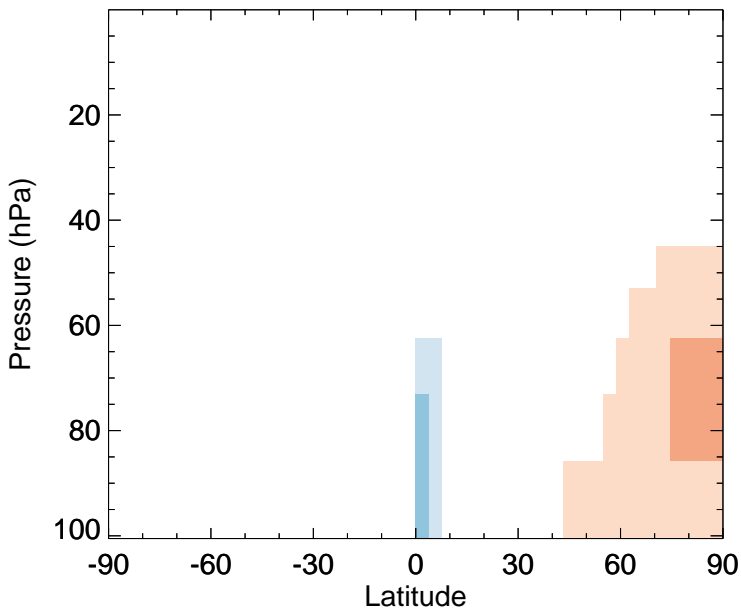
ACET - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

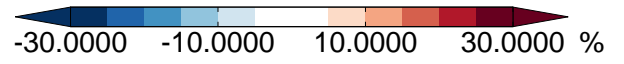
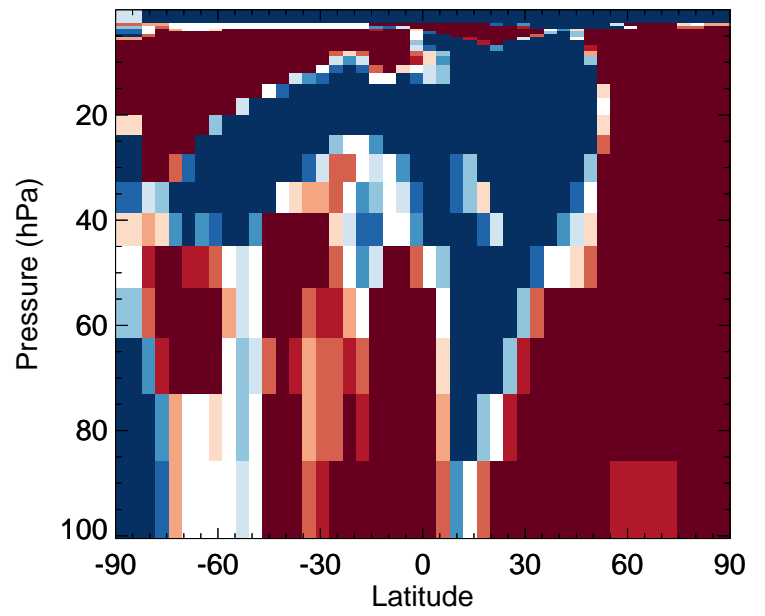
v11-02e-Run1 - v11-02e-Run0

MEK - Strat zonal mean abs diff for Jan



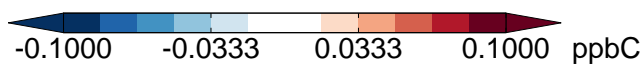
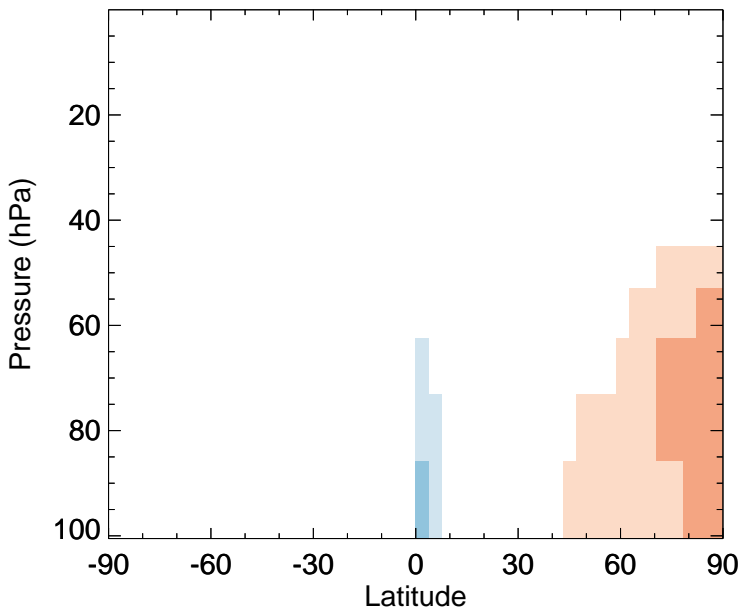
v11-02e-Run1 / v11-02e-Run0

MEK - Strat zonal mean % diff for Jan



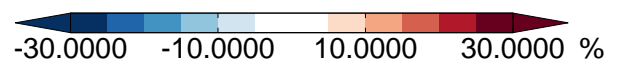
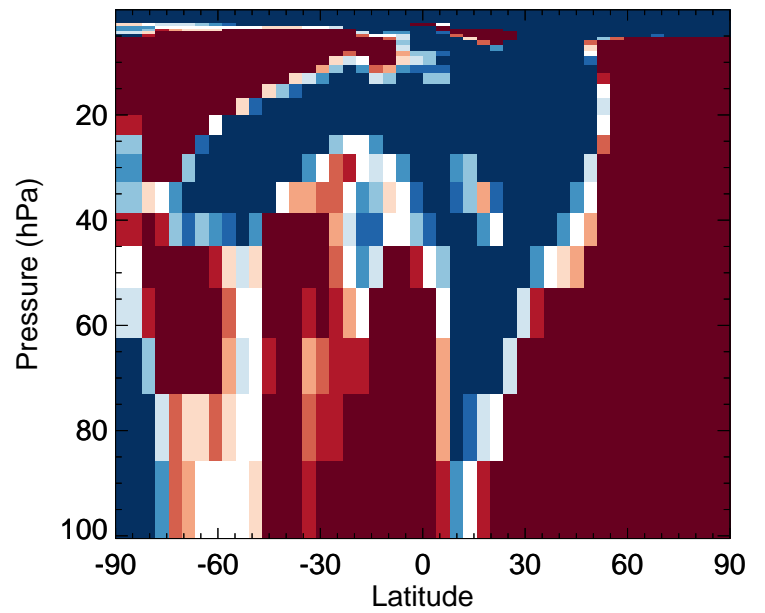
v11-02e-Run1 - v11-02d-Run1

MEK - Strat zonal mean abs diff for Jan



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

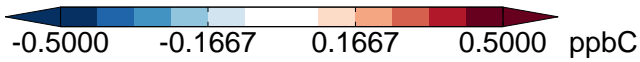
MEK - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

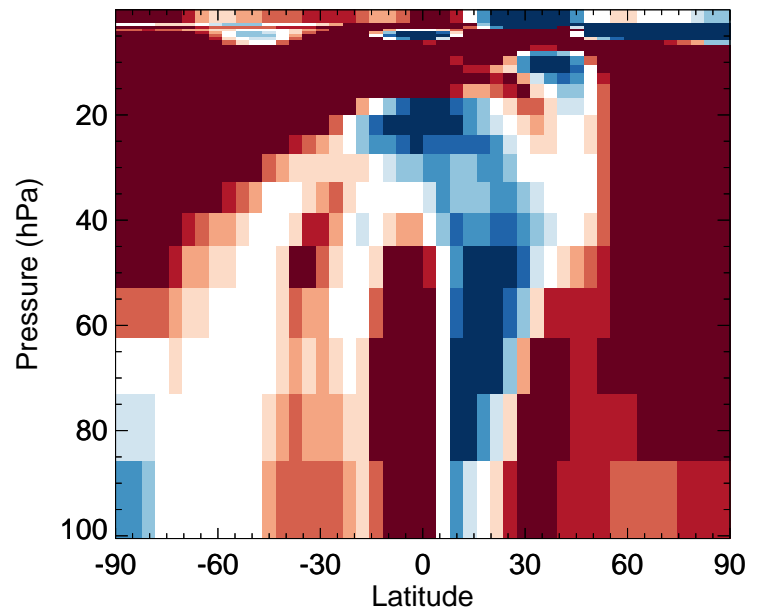
v11-02e-Run1 - v11-02e-Run0

ALD2 - Strat zonal mean abs diff for Jan



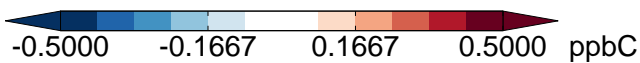
v11-02e-Run1 / v11-02e-Run0

ALD2 - Strat zonal mean % diff for Jan



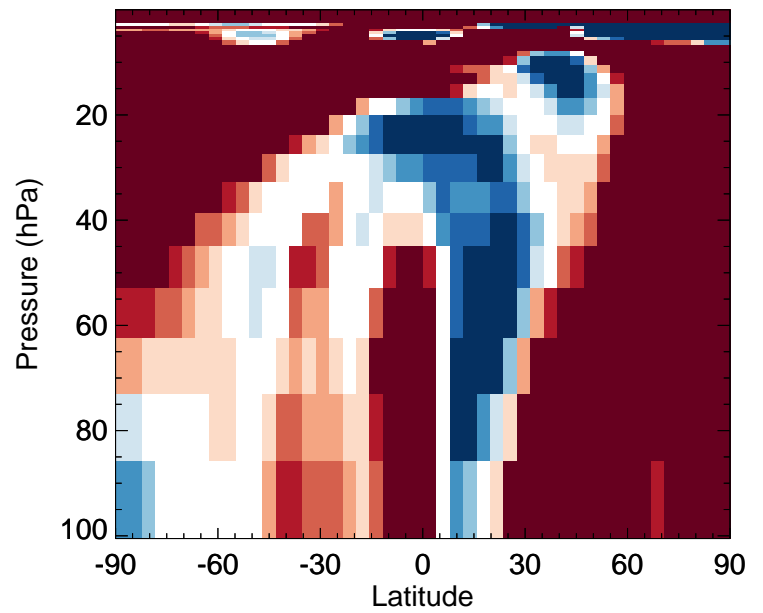
v11-02e-Run1 - v11-02d-Run1

ALD2 - Strat zonal mean abs diff for Jan



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

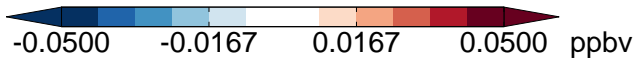
ALD2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

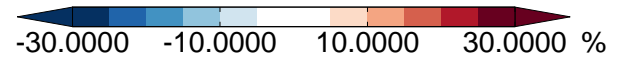
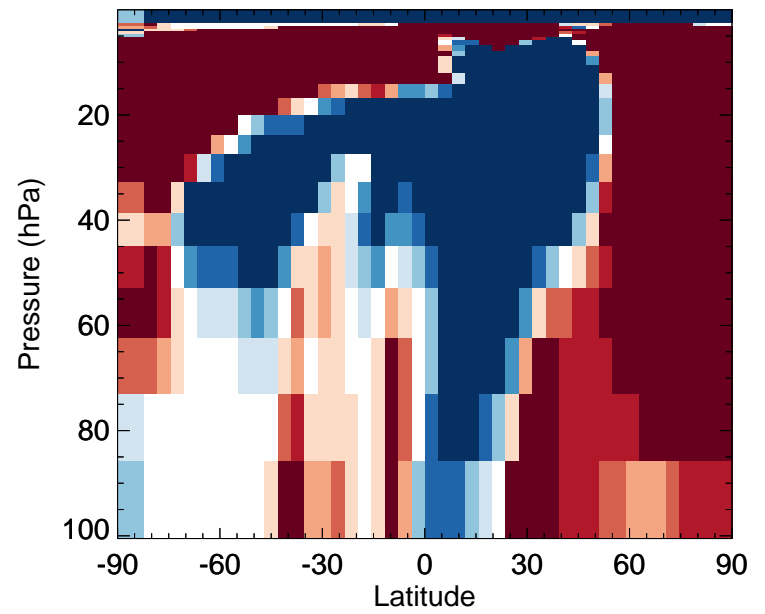
v11-02e-Run1 - v11-02e-Run0

RCHO - Strat zonal mean abs diff for Jan



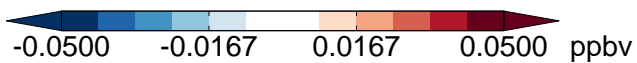
v11-02e-Run1 / v11-02e-Run0

RCHO - Strat zonal mean % diff for Jan



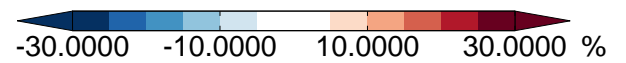
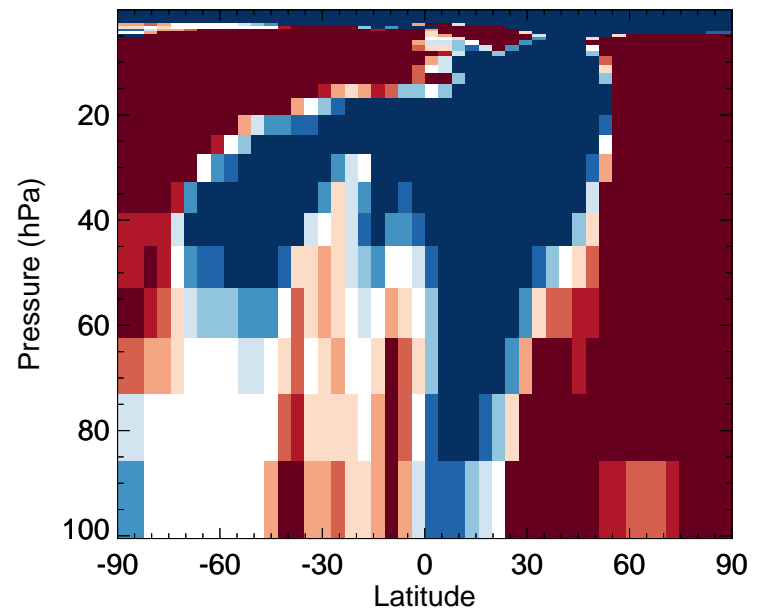
v11-02e-Run1 - v11-02d-Run1

RCHO - Strat zonal mean abs diff for Jan



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

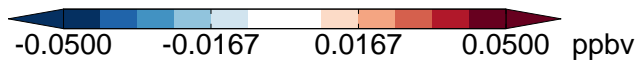
RCHO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

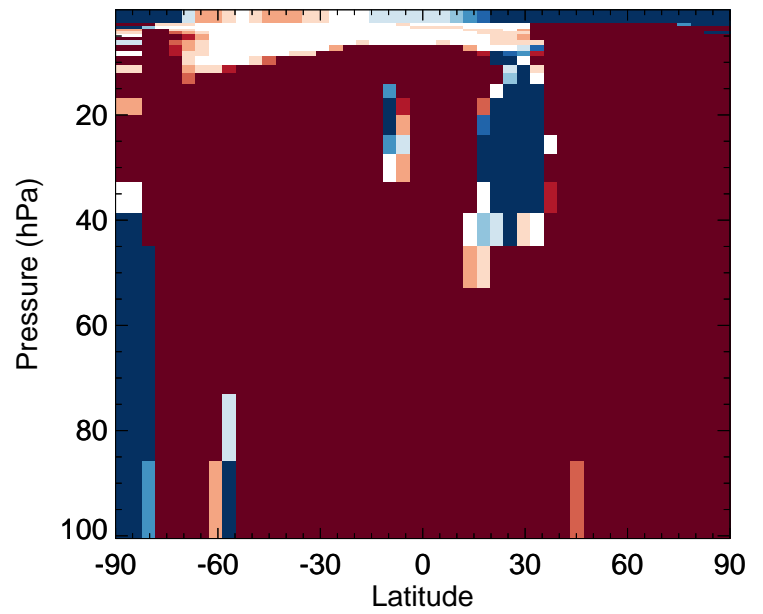
v11-02e-Run1 - v11-02e-Run0

MVK - Strat zonal mean abs diff for Jan



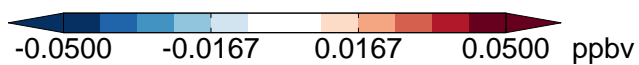
v11-02e-Run1 / v11-02e-Run0

MVK - Strat zonal mean % diff for Jan



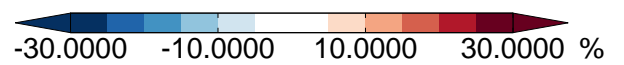
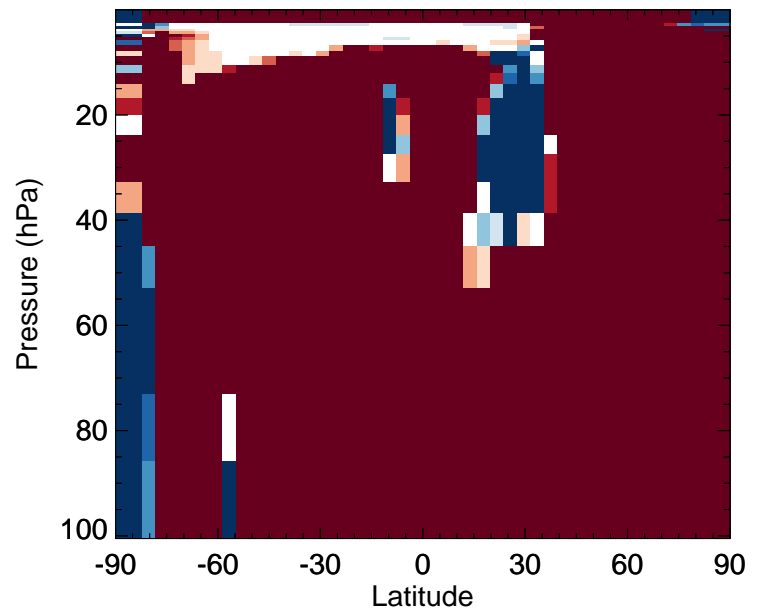
v11-02e-Run1 - v11-02d-Run1

MVK - Strat zonal mean abs diff for Jan



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

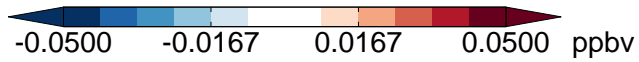
MVK - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

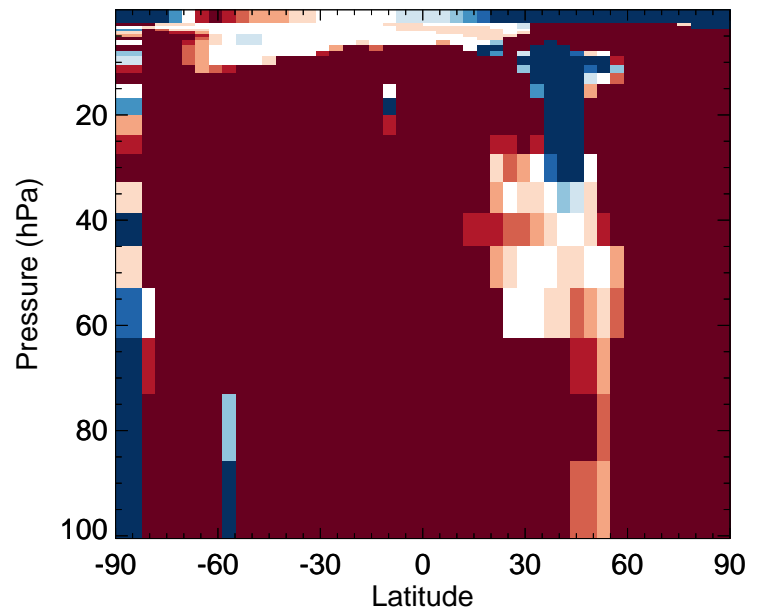
v11-02e-Run1 - v11-02e-Run0

MACR - Strat zonal mean abs diff for Jan



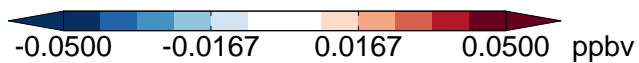
v11-02e-Run1 / v11-02e-Run0

MACR - Strat zonal mean % diff for Jan



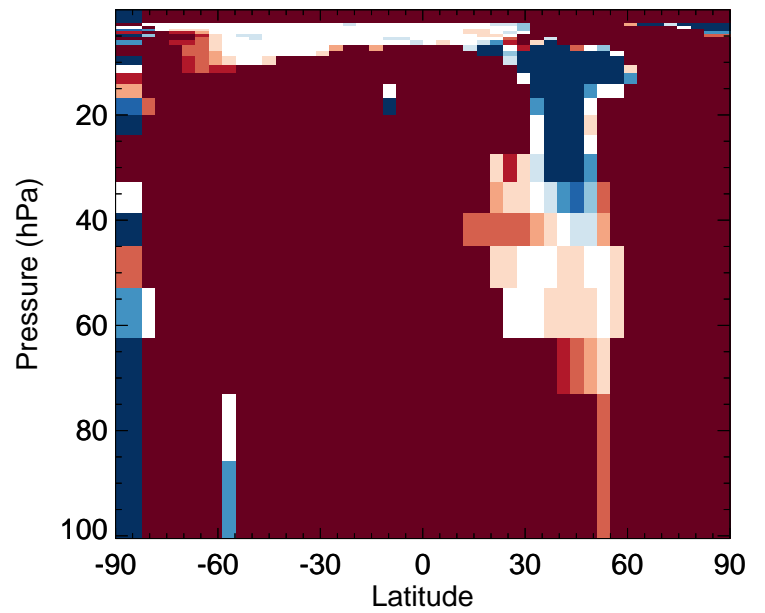
v11-02e-Run1 - v11-02d-Run1

MACR - Strat zonal mean abs diff for Jan



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

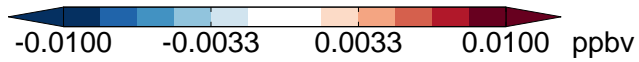
MACR - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

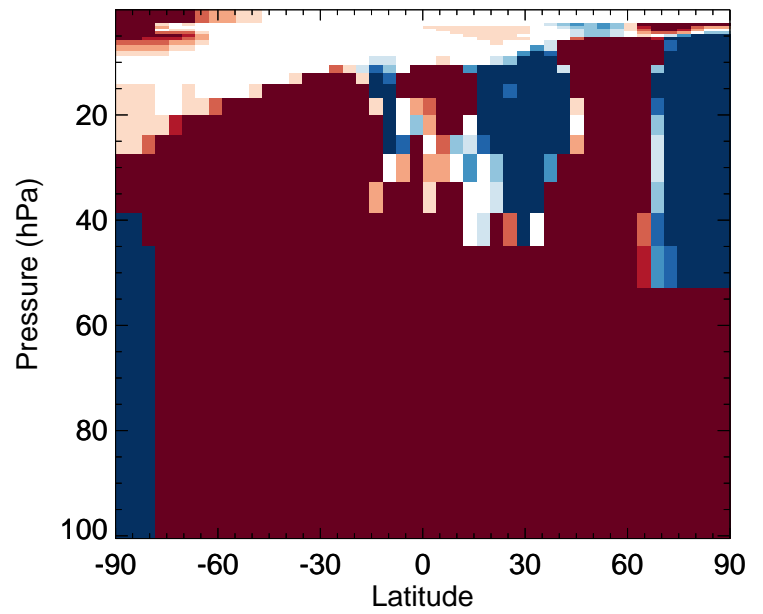
v11-02e-Run1 - v11-02e-Run0

NPMN - Strat zonal mean abs diff for Jan



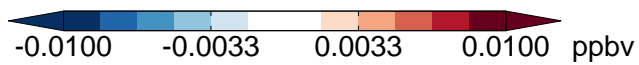
v11-02e-Run1 / v11-02e-Run0

NPMN - Strat zonal mean % diff for Jan



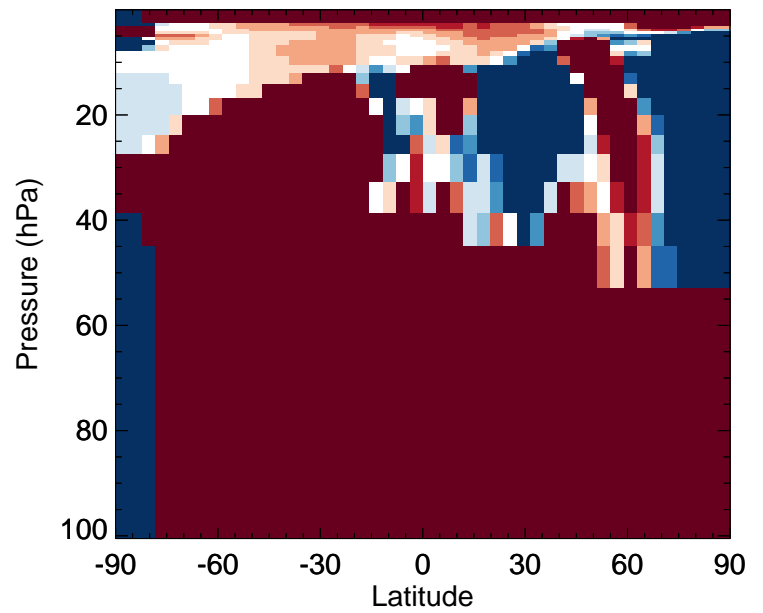
v11-02e-Run1 - v11-02d-Run1

NPMN - Strat zonal mean abs diff for Jan



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

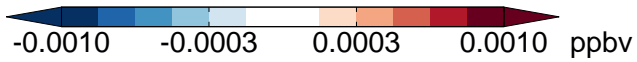
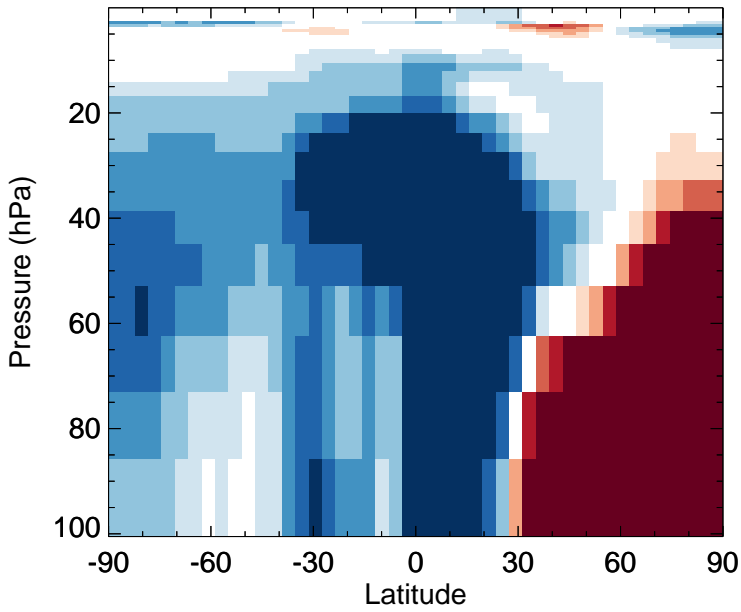
NPMN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

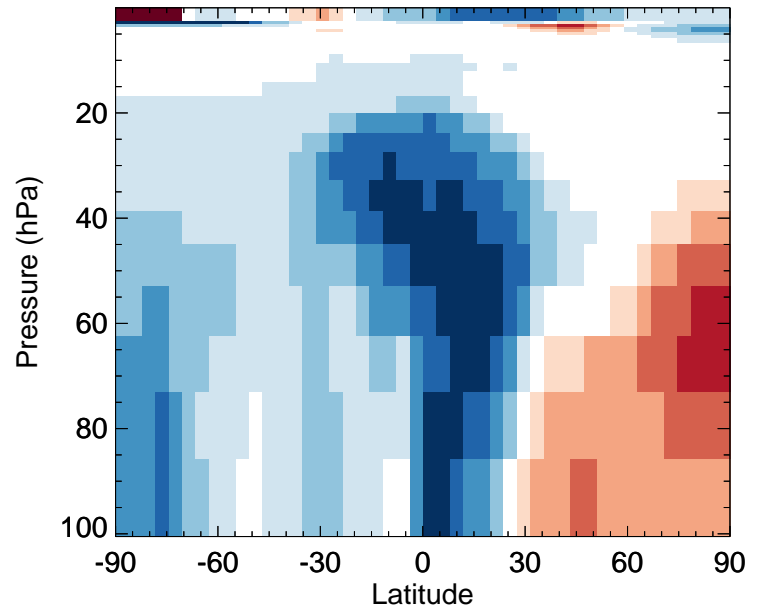
v11-02e-Run1 - v11-02e-Run0

PPN - Strat zonal mean abs diff for Jan



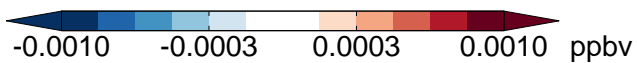
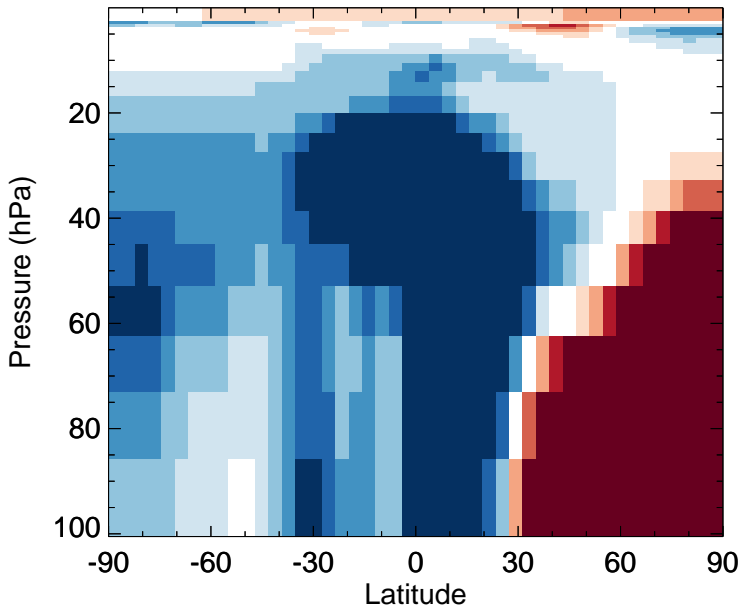
v11-02e-Run1 / v11-02e-Run0

PPN - Strat zonal mean % diff for Jan



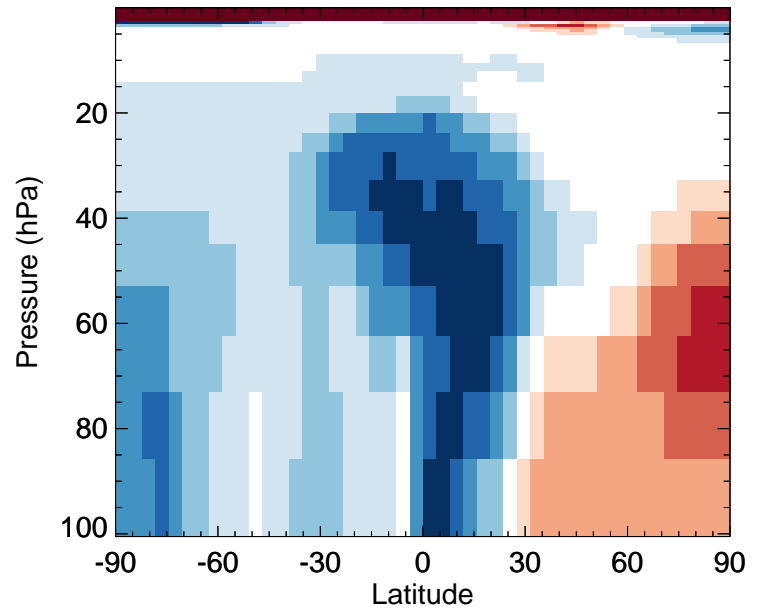
v11-02e-Run1 - v11-02d-Run1

PPN - Strat zonal mean abs diff for Jan



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

PPN - Strat zonal mean % diff for Jan

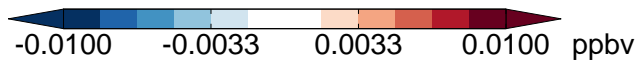
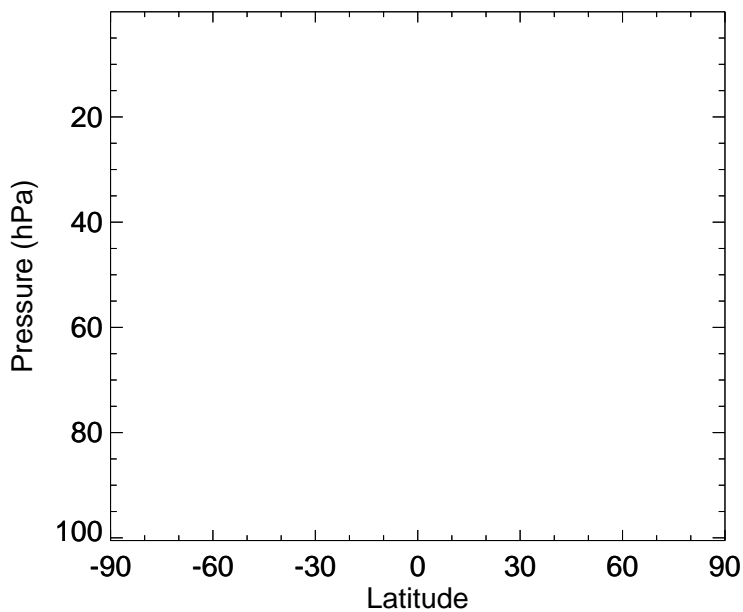




# GEOS-Chem Stratospheric Zonal Difference Maps

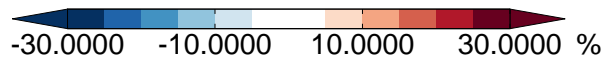
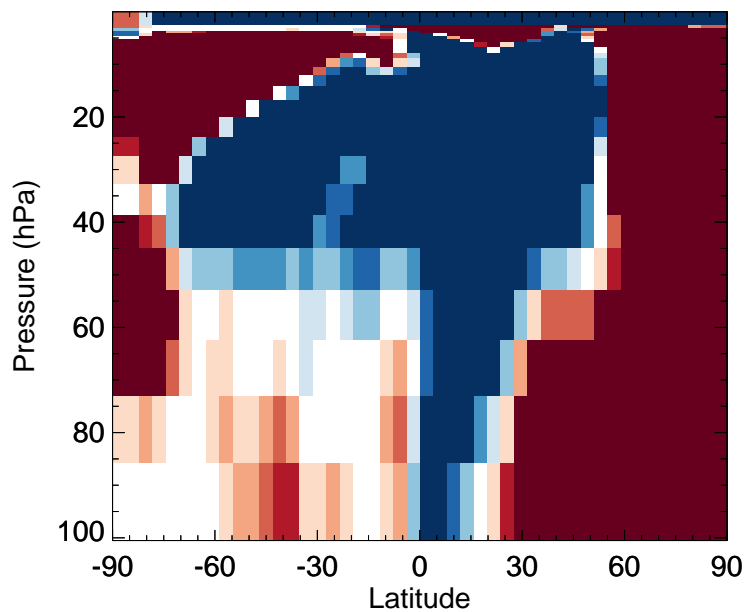
v11-02e-Run1 - v11-02e-Run0

R4N2 - Strat zonal mean abs diff for Jan



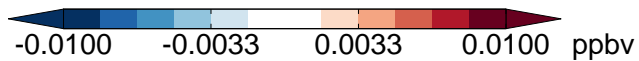
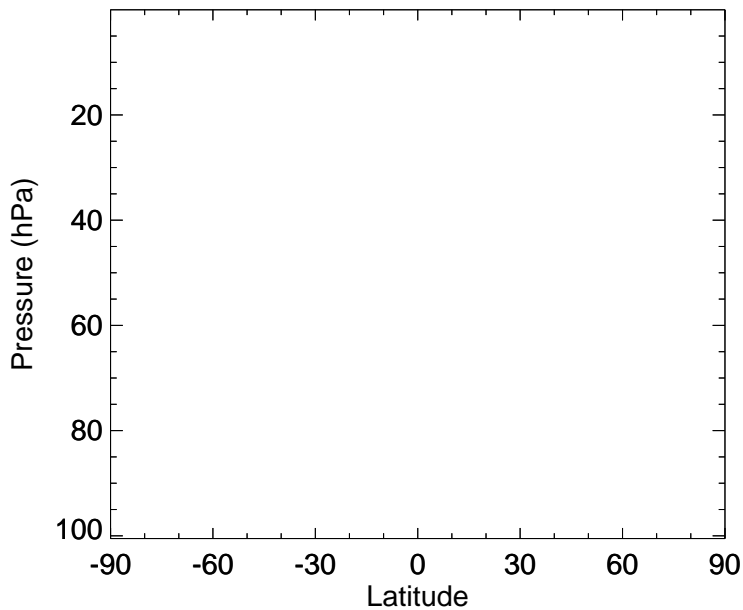
v11-02e-Run1 / v11-02e-Run0

R4N2 - Strat zonal mean % diff for Jan



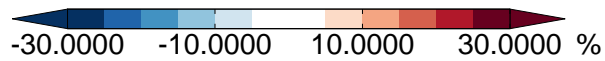
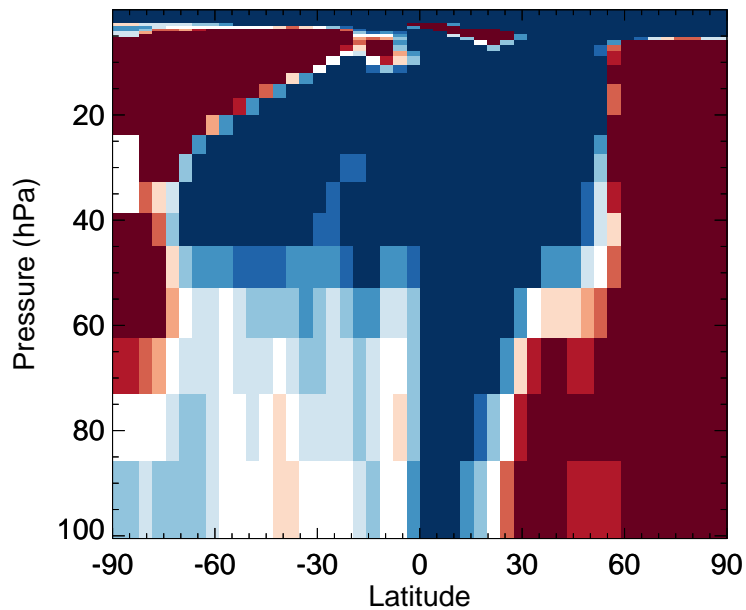
v11-02e-Run1 - v11-02d-Run1

R4N2 - Strat zonal mean abs diff for Jan



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

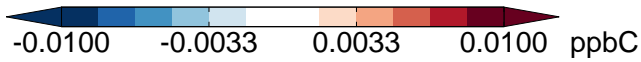
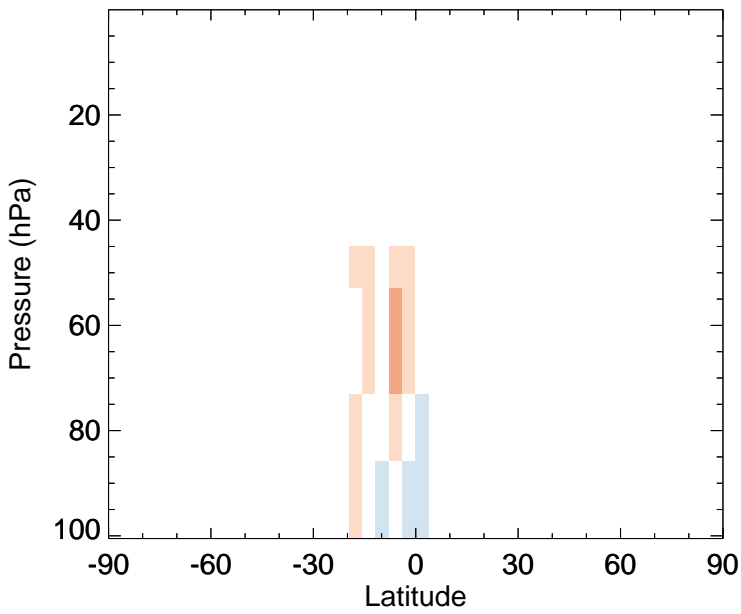
R4N2 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

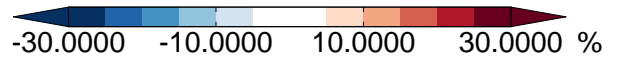
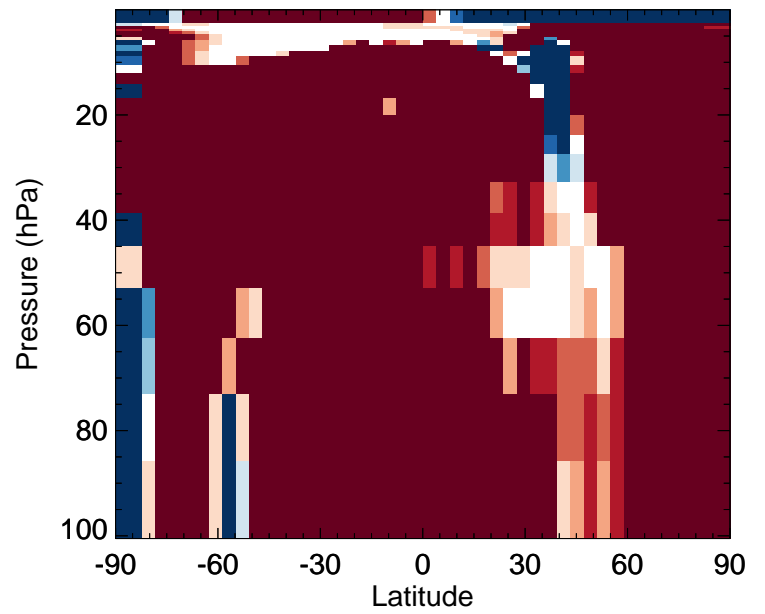
v11-02e-Run1 - v11-02e-Run0

PRPE - Strat zonal mean abs diff for Jan



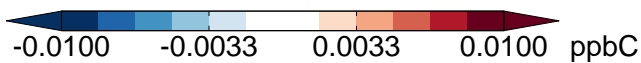
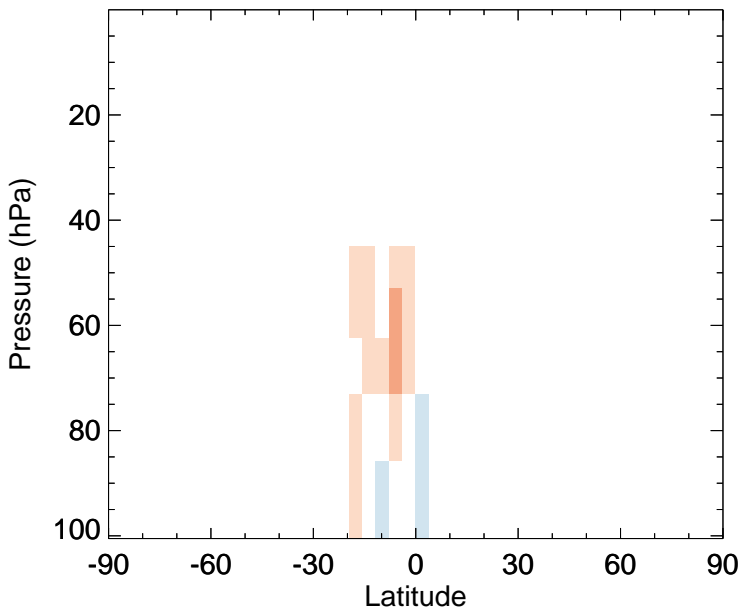
v11-02e-Run1 / v11-02e-Run0

PRPE - Strat zonal mean % diff for Jan



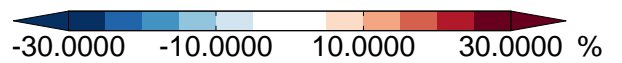
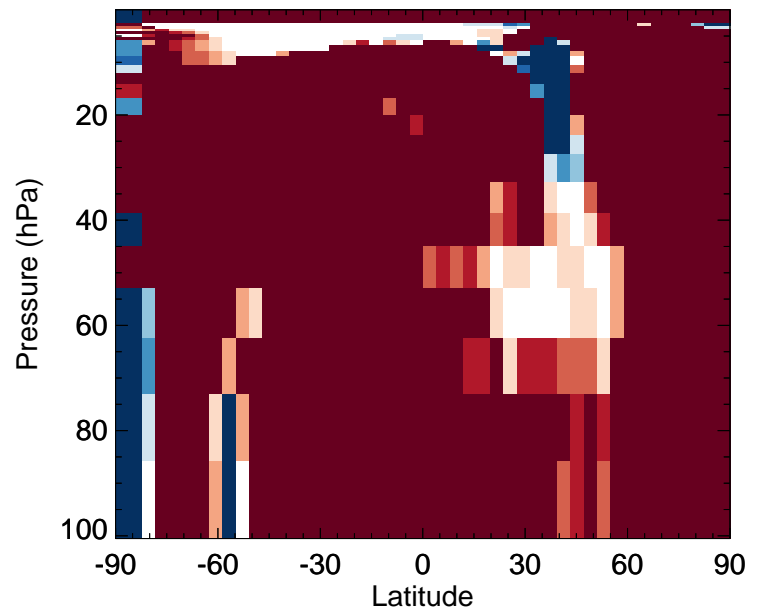
v11-02e-Run1 - v11-02d-Run1

PRPE - Strat zonal mean abs diff for Jan



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

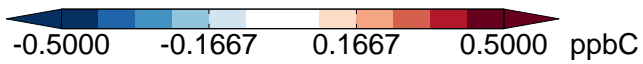
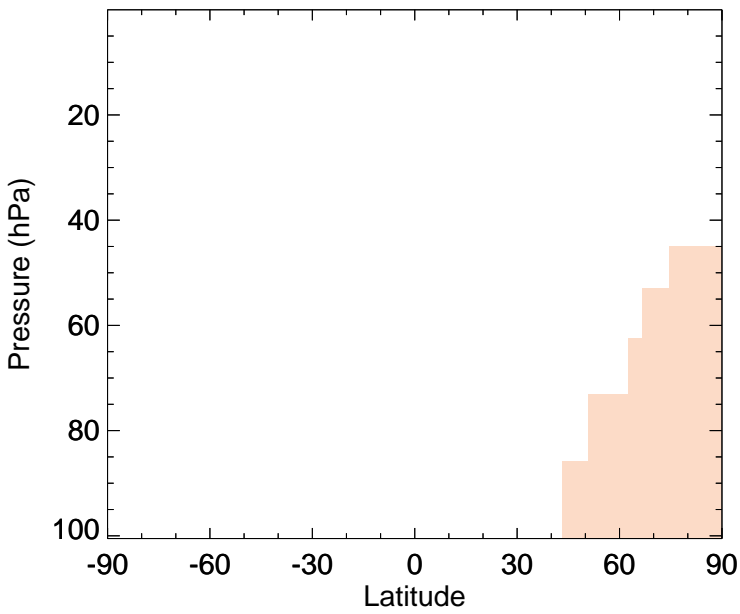
PRPE - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

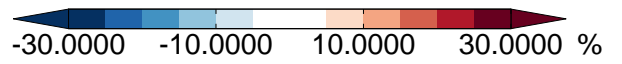
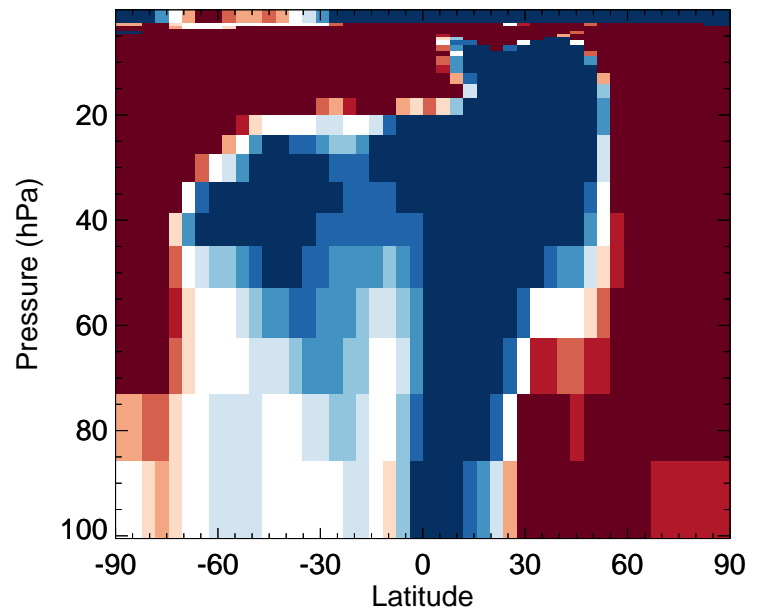
v11-02e-Run1 - v11-02e-Run0

C3H8 - Strat zonal mean abs diff for Jan



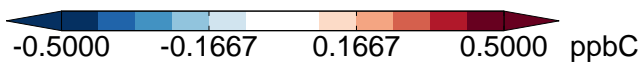
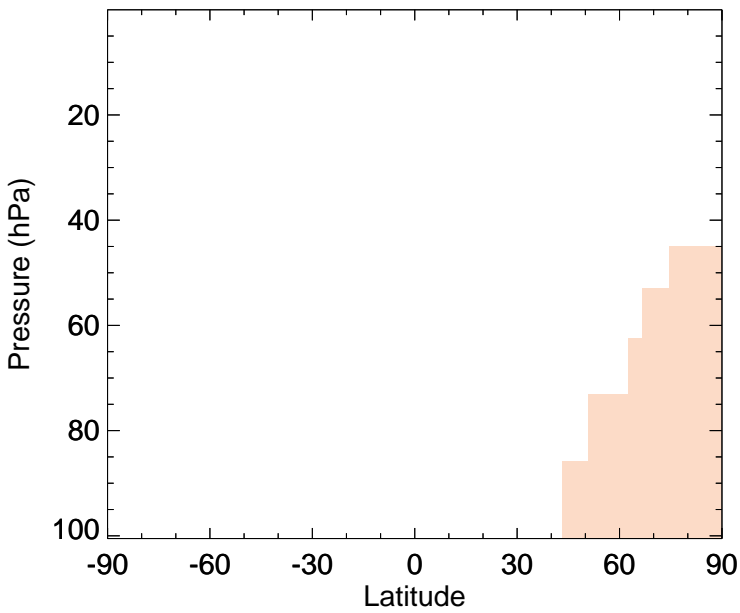
v11-02e-Run1 / v11-02e-Run0

C3H8 - Strat zonal mean % diff for Jan



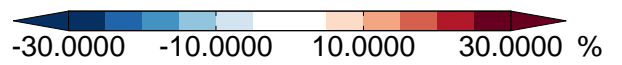
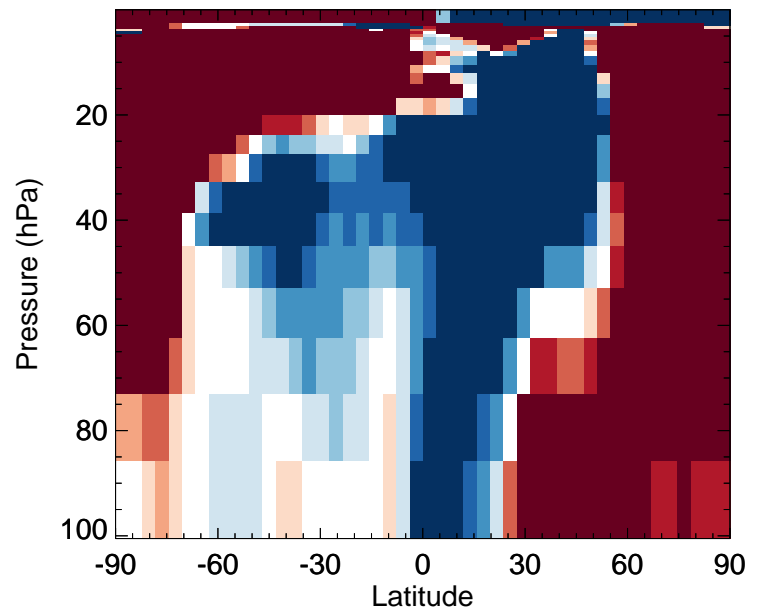
v11-02e-Run1 - v11-02d-Run1

C3H8 - Strat zonal mean abs diff for Jan



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

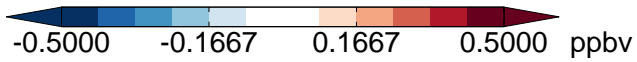
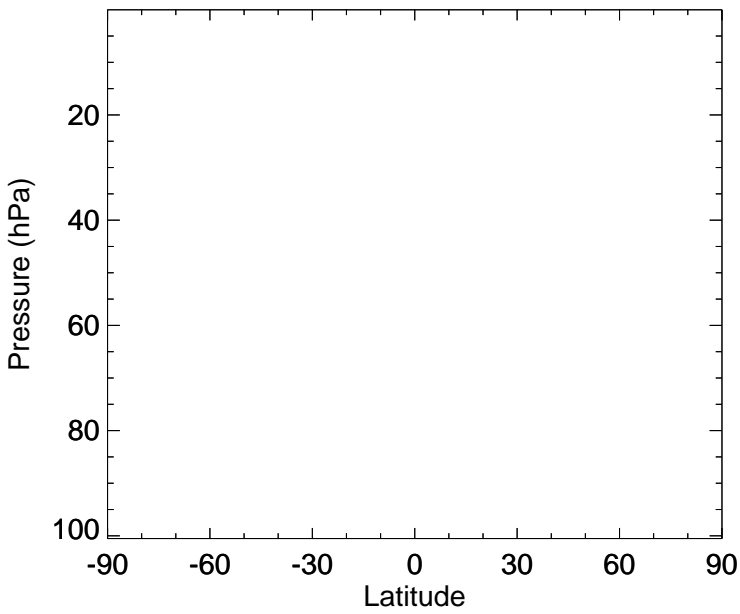
C3H8 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

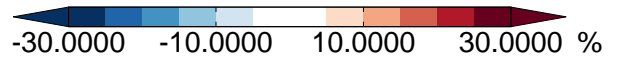
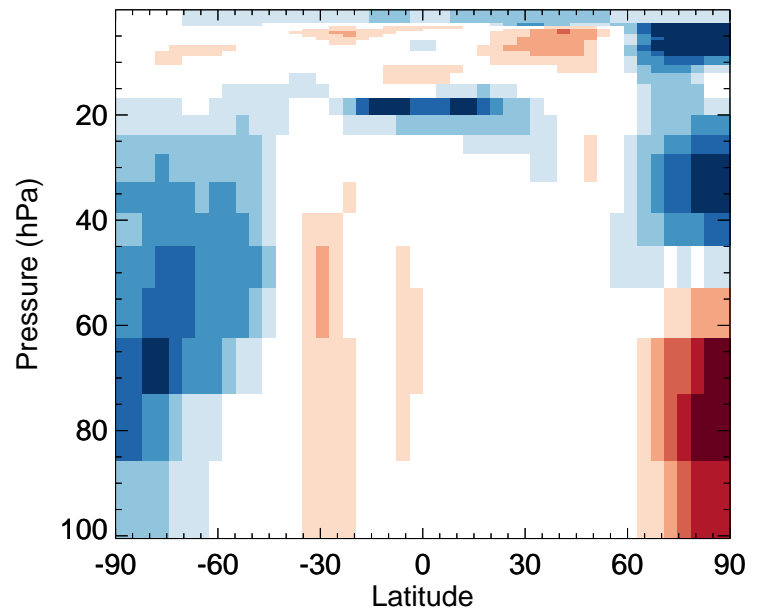
v11-02e-Run1 - v11-02e-Run0

CH<sub>2</sub>O - Strat zonal mean abs diff for Jan



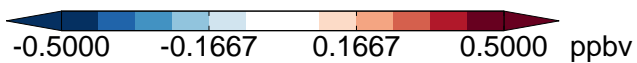
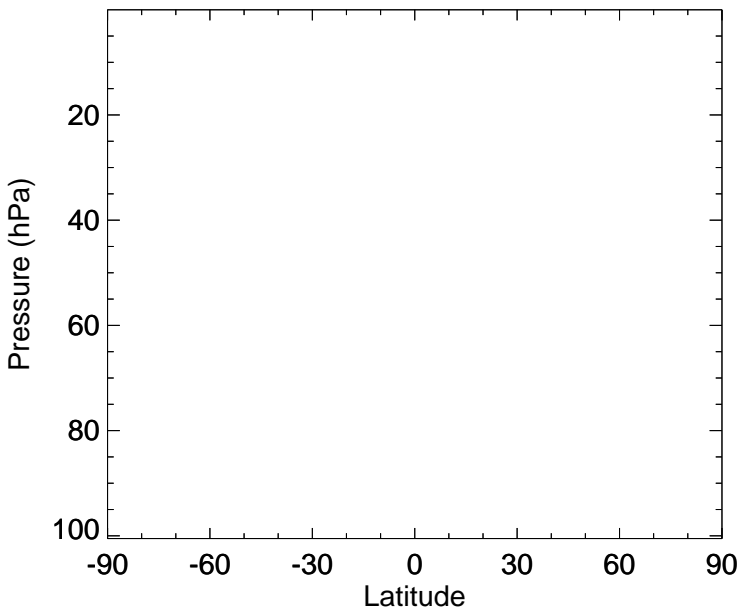
v11-02e-Run1 / v11-02e-Run0

CH<sub>2</sub>O - Strat zonal mean % diff for Jan



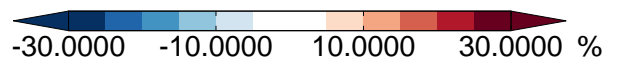
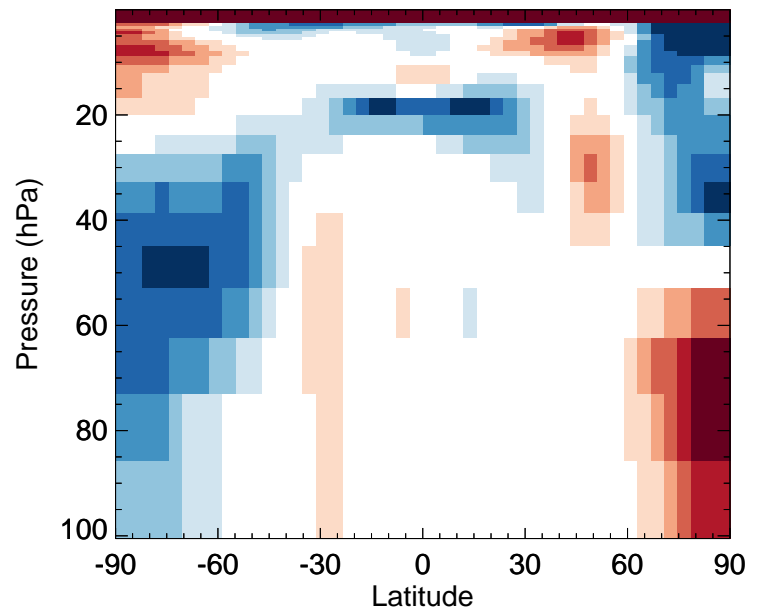
v11-02e-Run1 - v11-02d-Run1

CH<sub>2</sub>O - Strat zonal mean abs diff for Jan



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

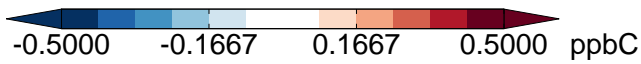
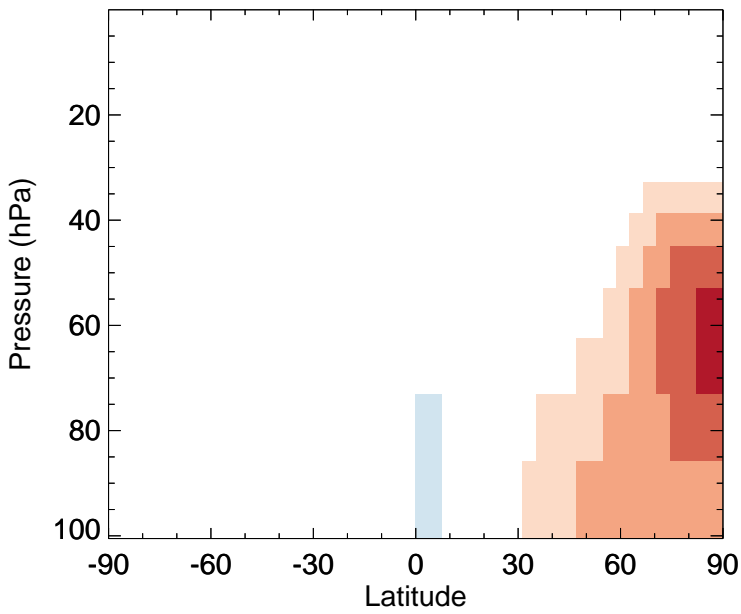
CH<sub>2</sub>O - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

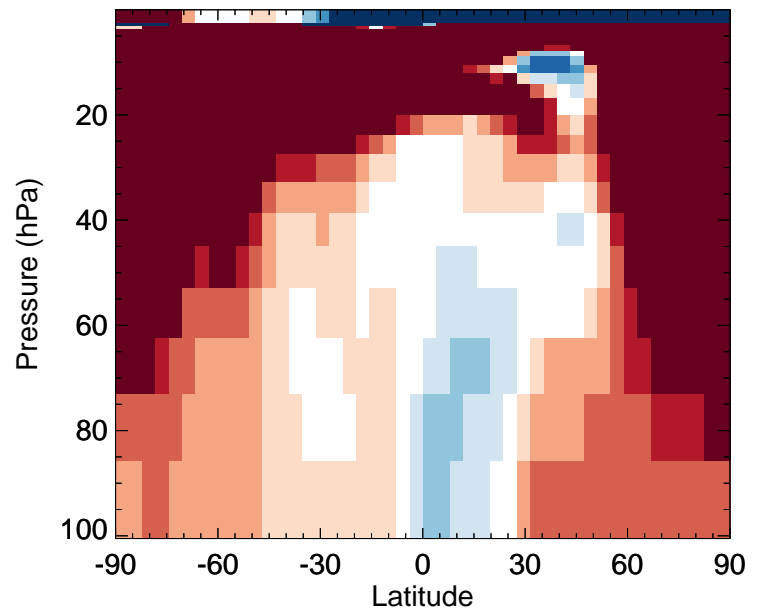
v11-02e-Run1 - v11-02e-Run0

C2H6 - Strat zonal mean abs diff for Jan



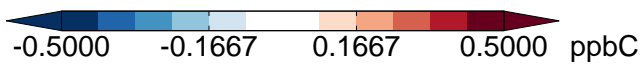
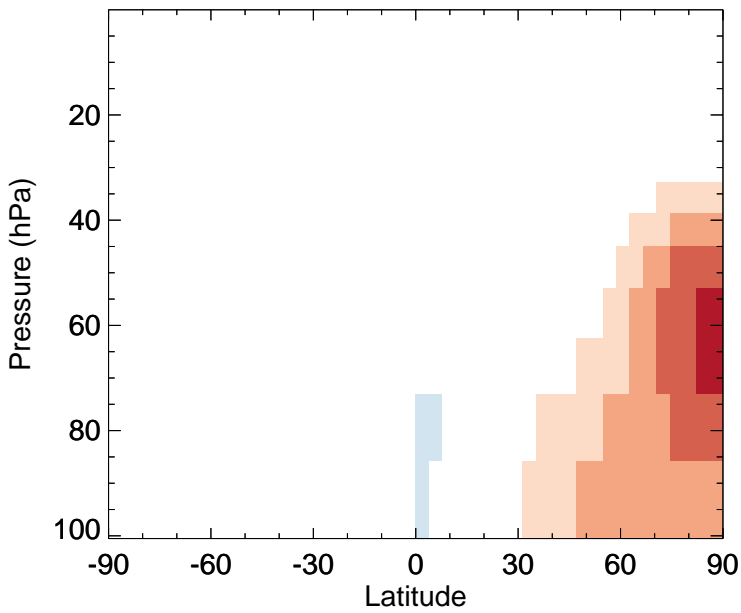
v11-02e-Run1 / v11-02e-Run0

C2H6 - Strat zonal mean % diff for Jan



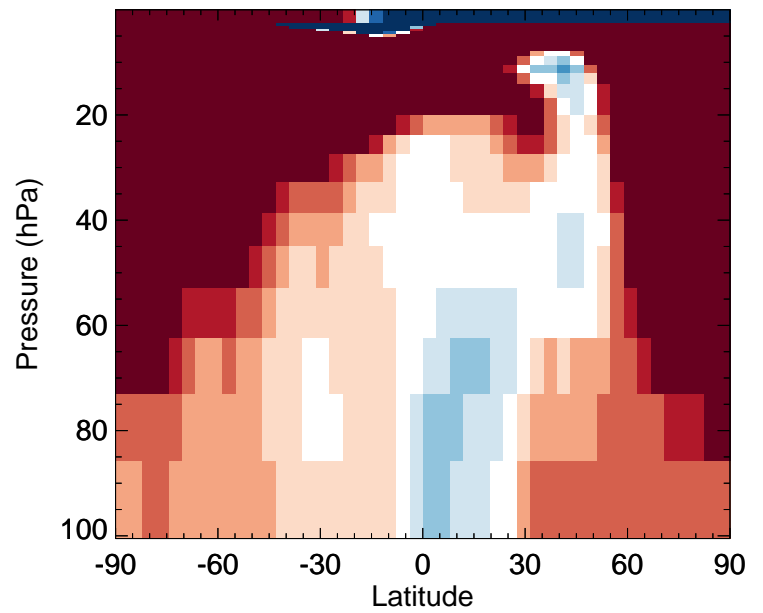
v11-02e-Run1 - v11-02d-Run1

C2H6 - Strat zonal mean abs diff for Jan



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

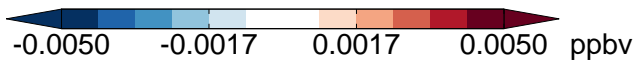
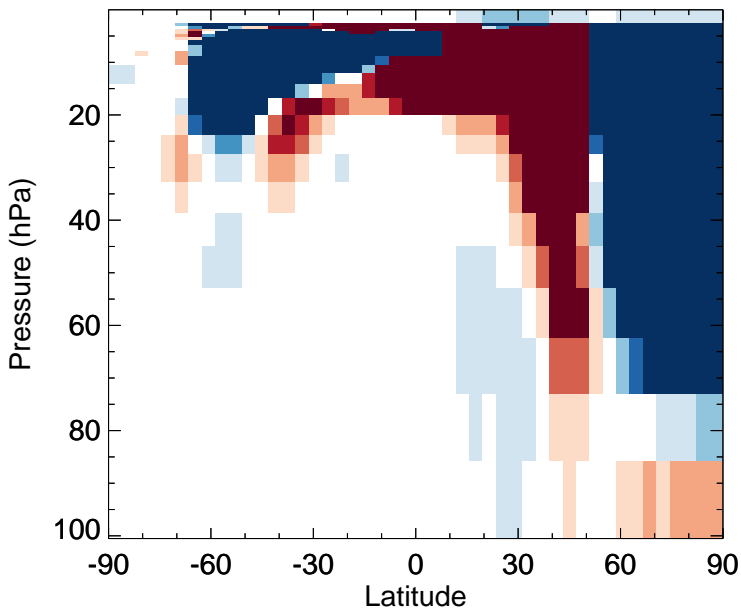
C2H6 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

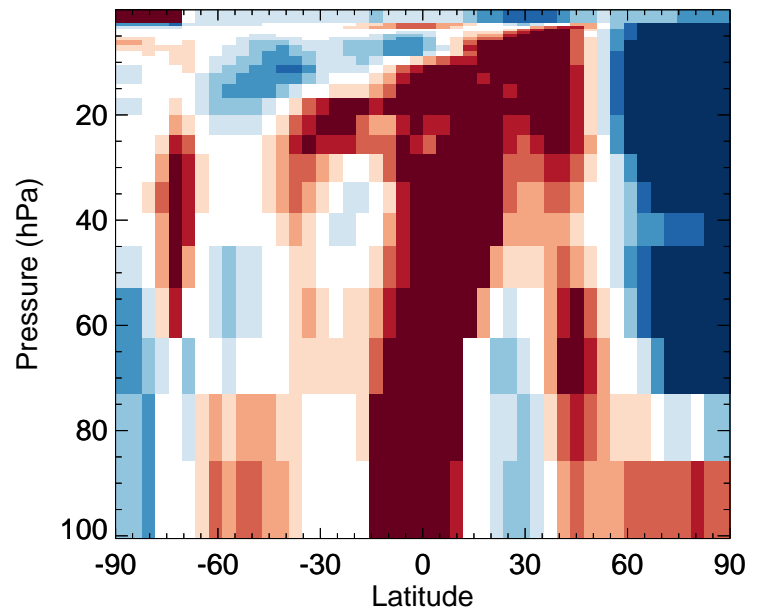
v11-02e-Run1 - v11-02e-Run0

N2O5 - Strat zonal mean abs diff for Jan



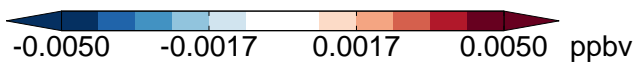
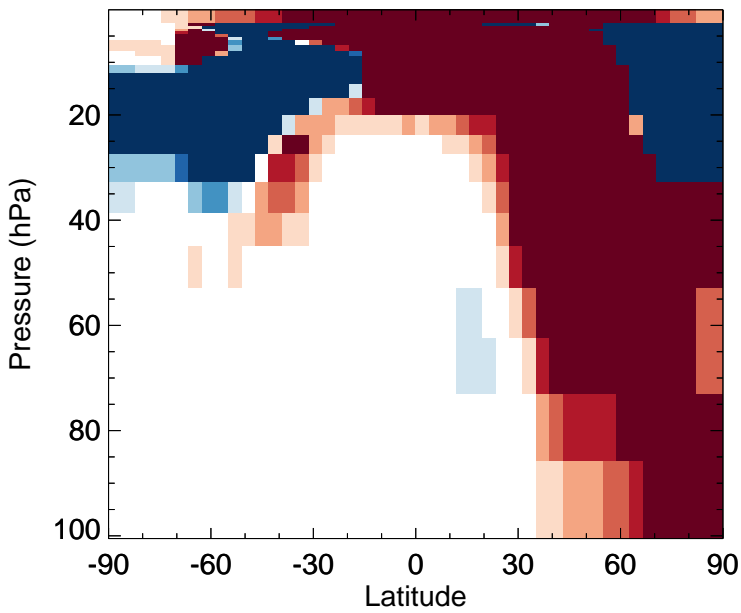
v11-02e-Run1 / v11-02e-Run0

N2O5 - Strat zonal mean % diff for Jan



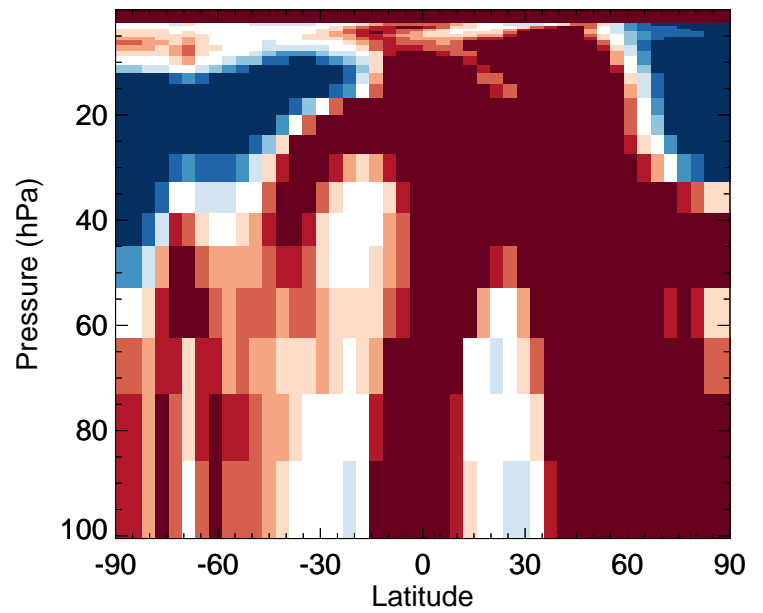
v11-02e-Run1 - v11-02d-Run1

N2O5 - Strat zonal mean abs diff for Jan



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

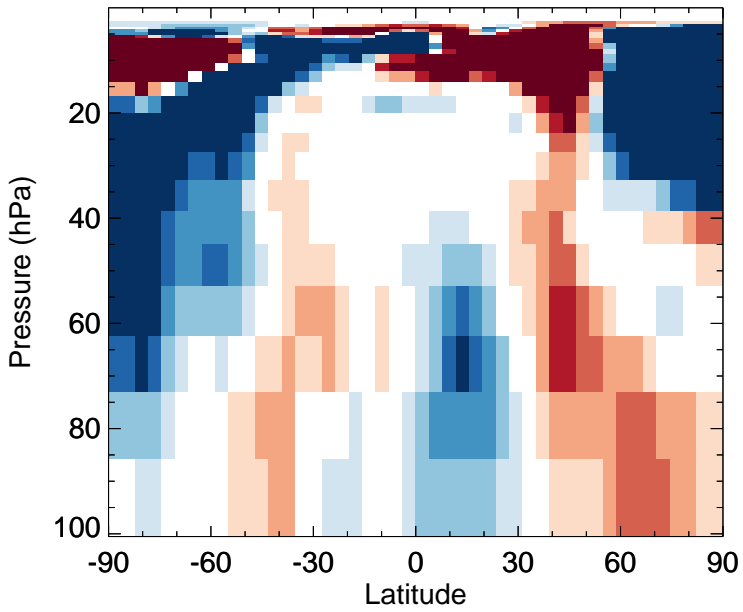
N2O5 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

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

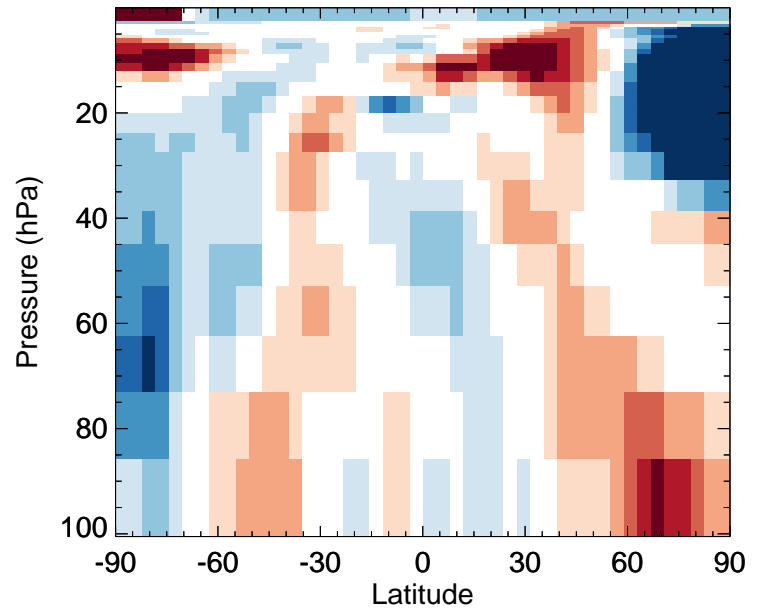
HNO<sub>4</sub> - Strat zonal mean abs diff for Jan



-0.0050 -0.0017 0.0017 0.0050 ppbv

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

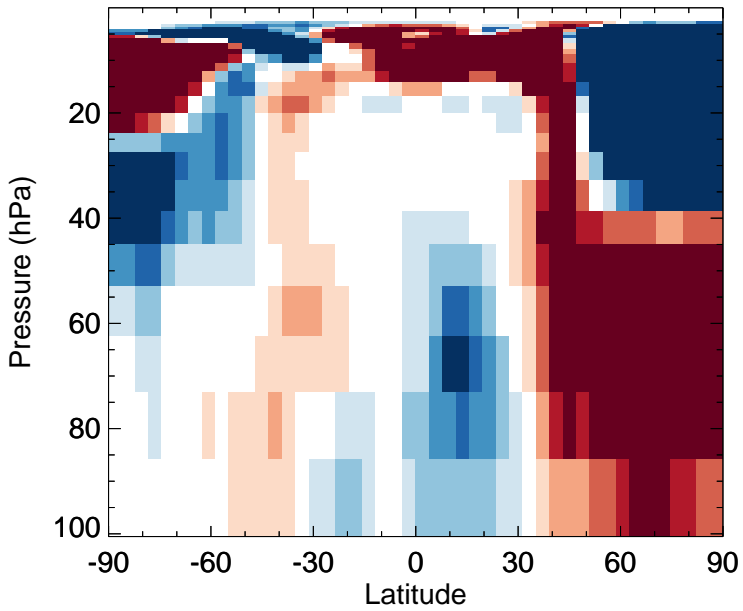
HNO<sub>4</sub> - Strat zonal mean % diff for Jan



-30.0000 -10.0000 10.0000 30.0000 %

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

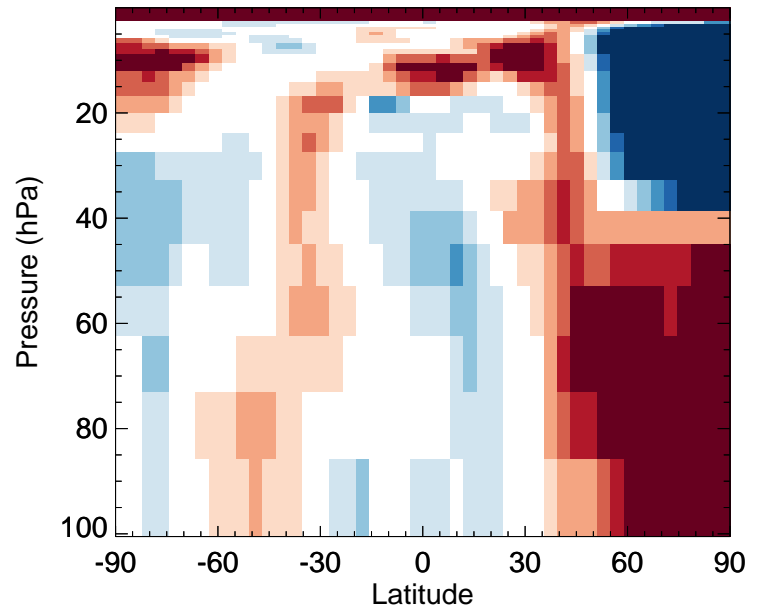
HNO<sub>4</sub> - Strat zonal mean abs diff for Jan



-0.0050 -0.0017 0.0017 0.0050 ppbv

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

HNO<sub>4</sub> - Strat zonal mean % diff for Jan

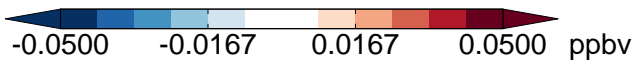
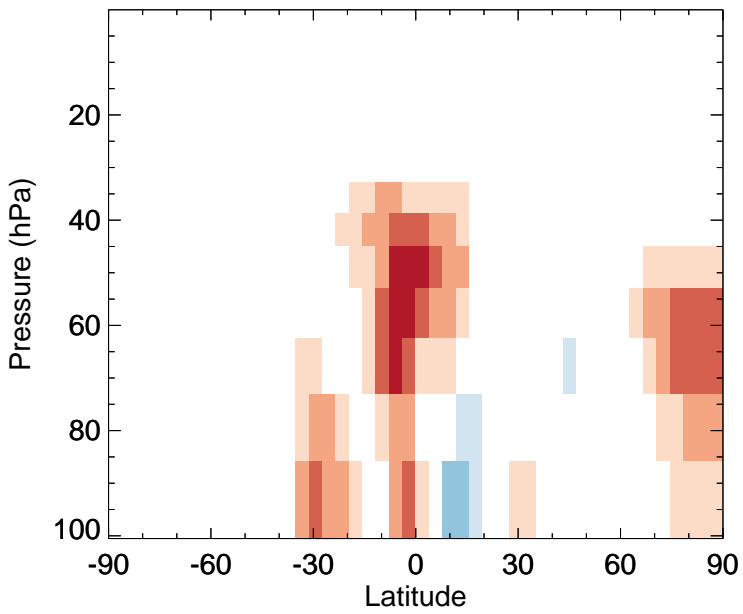


-30.0000 -10.0000 10.0000 30.0000 %

# GEOS-Chem Stratospheric Zonal Difference Maps

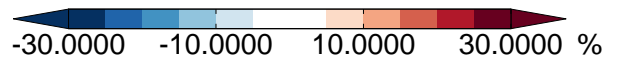
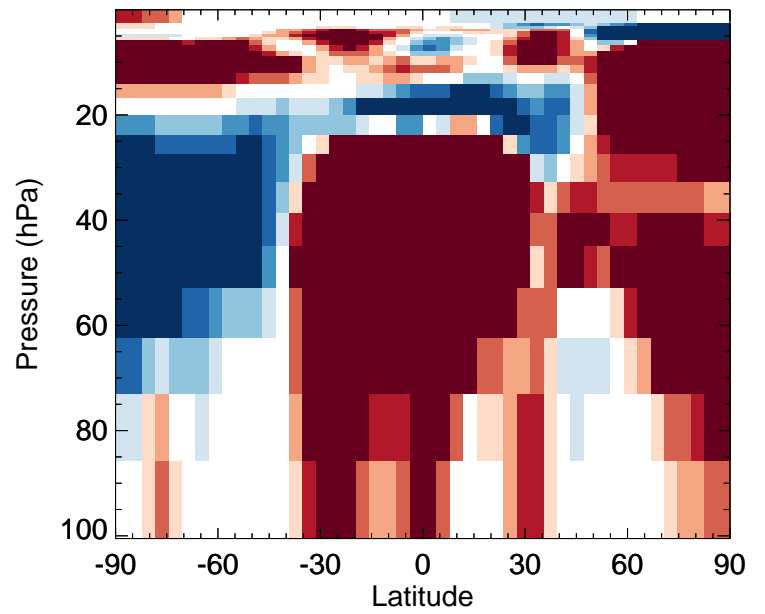
v11-02e-Run1 - v11-02e-Run0

MP - Strat zonal mean abs diff for Jan



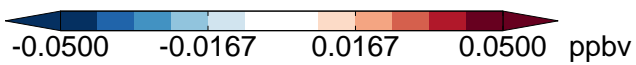
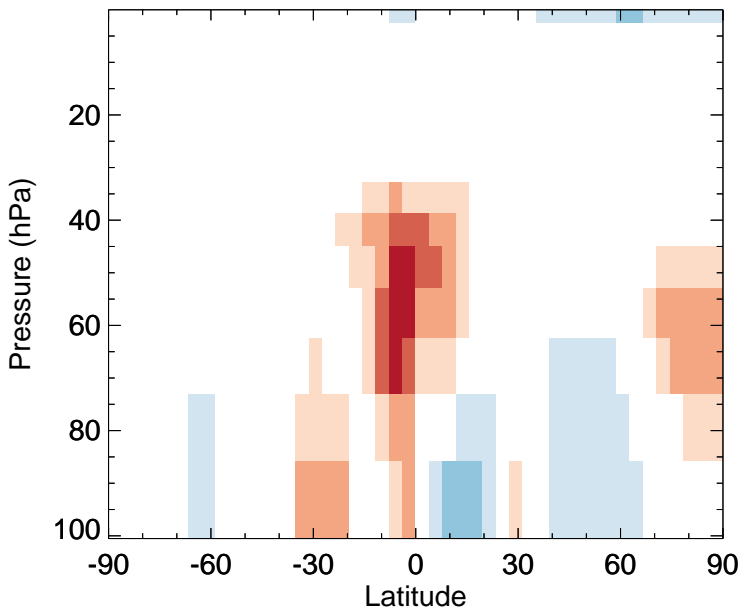
v11-02e-Run1 / v11-02e-Run0

MP - Strat zonal mean % diff for Jan



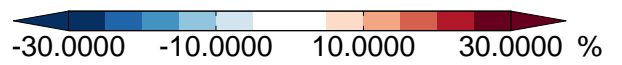
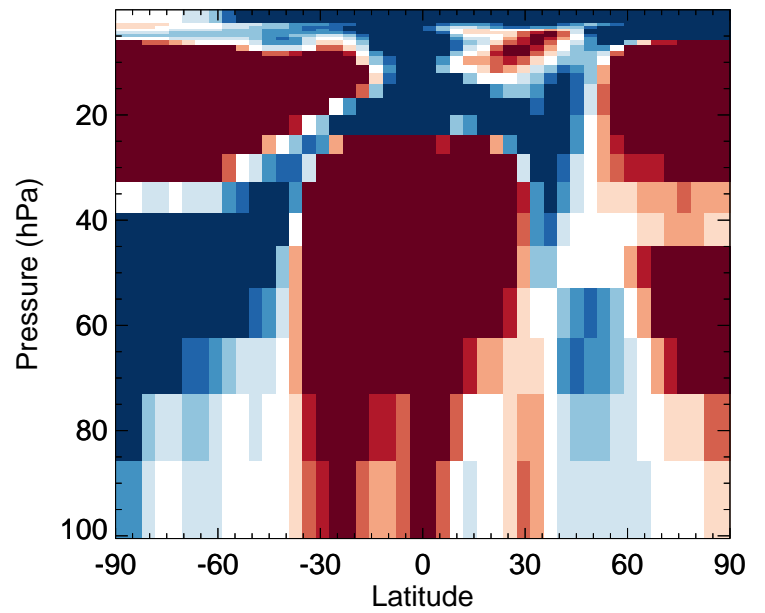
v11-02e-Run1 - v11-02d-Run1

MP - Strat zonal mean abs diff for Jan



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

MP - Strat zonal mean % diff for Jan

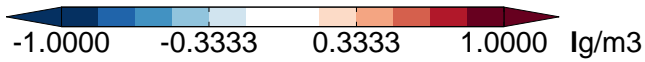




GEOS-Chem Stratospheric Zonal Difference Maps

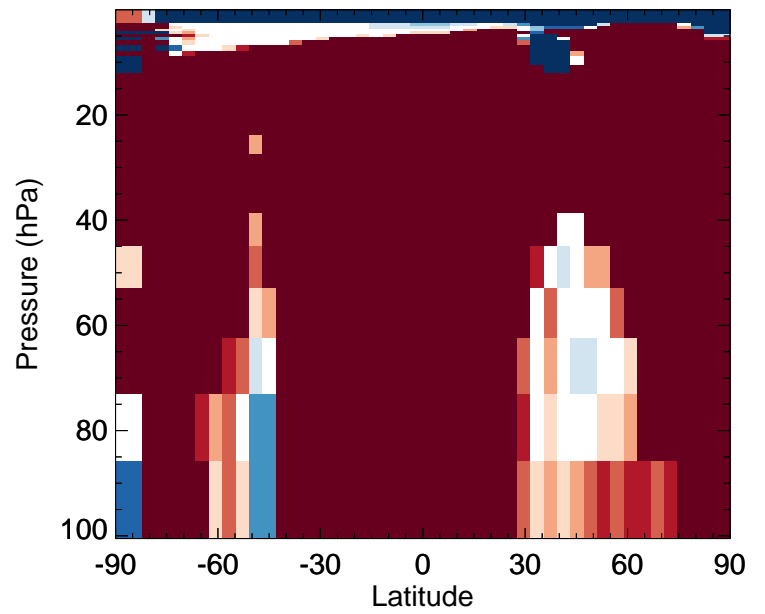
v11-02e-Run1 - v11-02e-Run0

DMS - Strat zonal mean abs diff for Jan



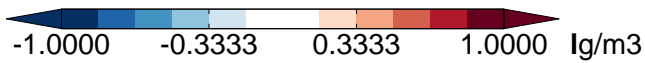
v11-02e-Run1 / v11-02e-Run0

DMS - Strat zonal mean % diff for Jan



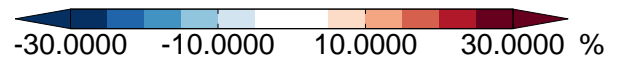
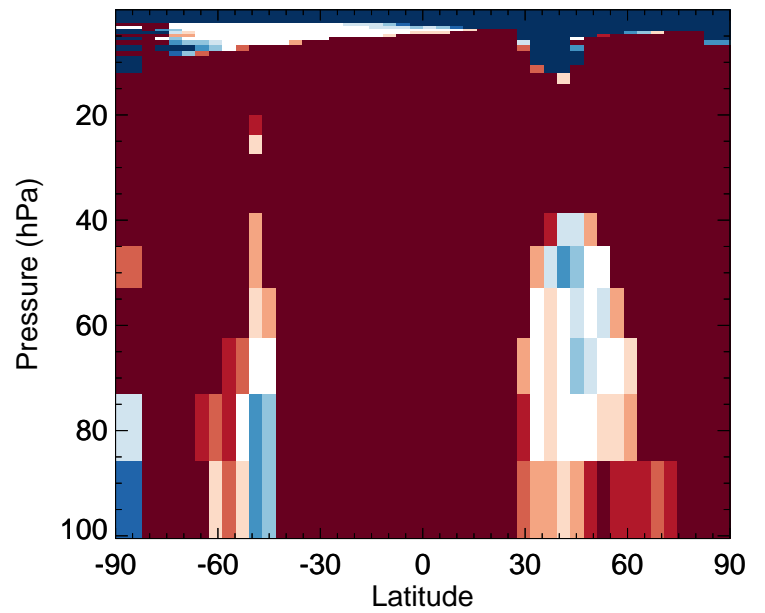
v11-02e-Run1 - v11-02d-Run1

DMS - Strat zonal mean abs diff for Jan



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

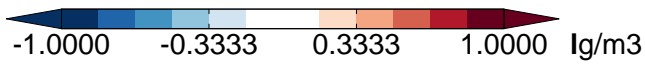
DMS - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

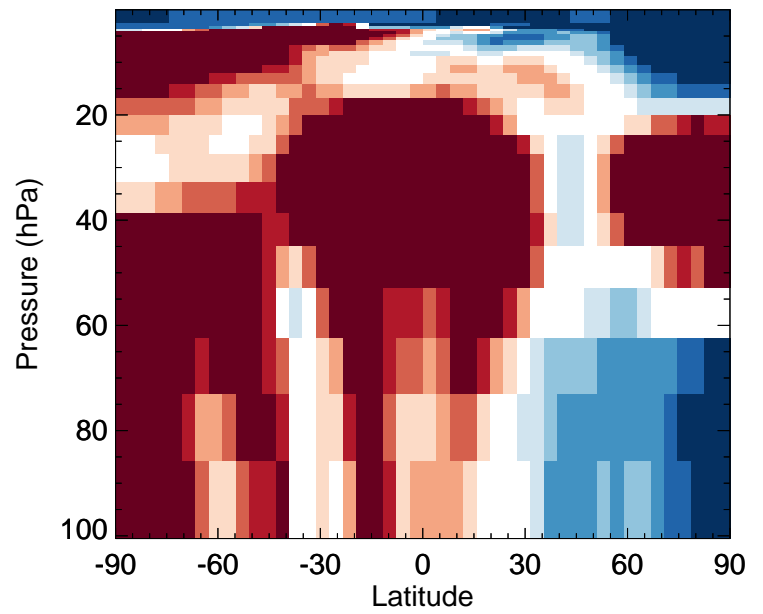
v11-02e-Run1 - v11-02e-Run0

SO2 - Strat zonal mean abs diff for Jan



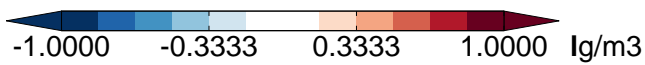
v11-02e-Run1 / v11-02e-Run0

SO2 - Strat zonal mean % diff for Jan



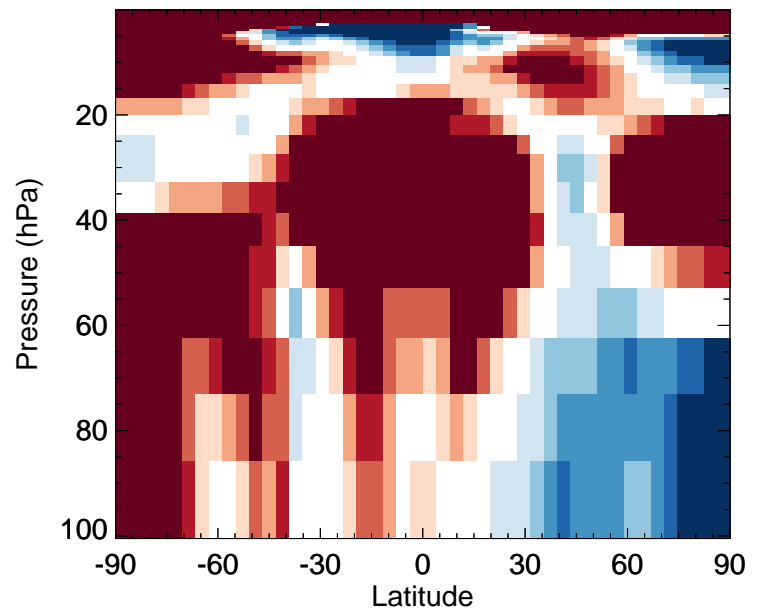
v11-02e-Run1 - v11-02d-Run1

SO2 - Strat zonal mean abs diff for Jan



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

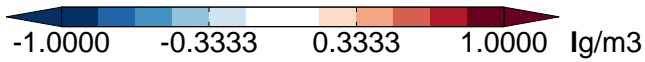
SO2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

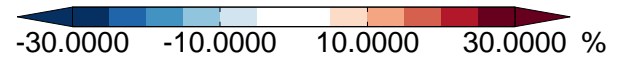
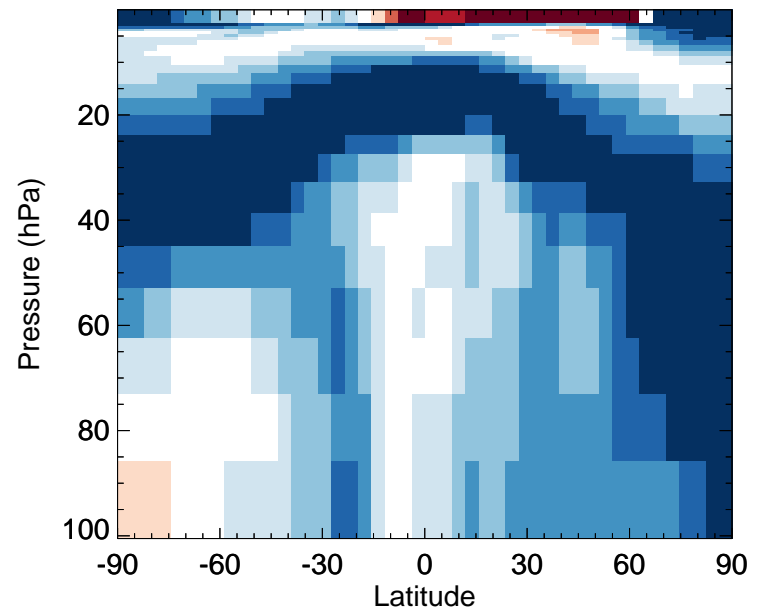
v11-02e-Run1 - v11-02e-Run0

SO4 - Strat zonal mean abs diff for Jan



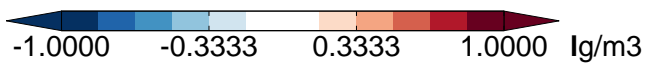
v11-02e-Run1 / v11-02e-Run0

SO4 - Strat zonal mean % diff for Jan



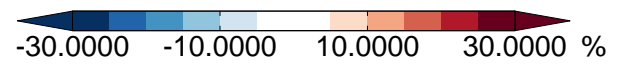
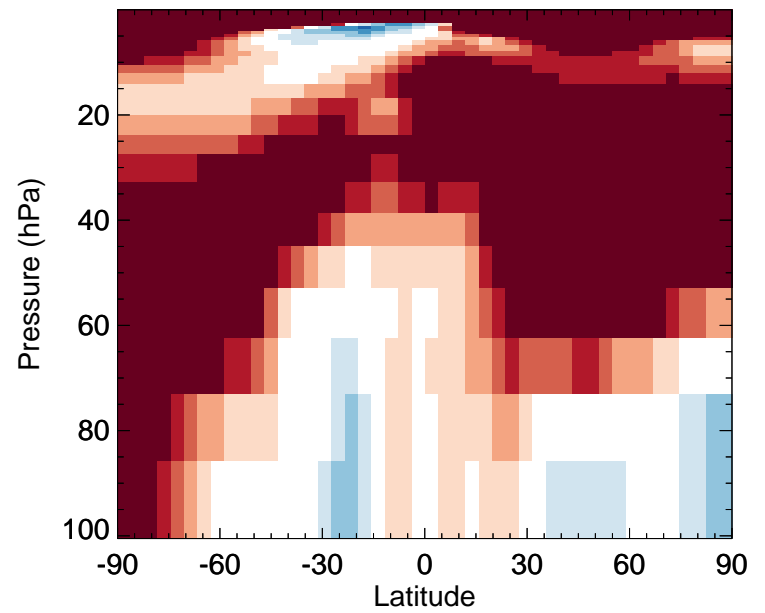
v11-02e-Run1 - v11-02d-Run1

SO4 - Strat zonal mean abs diff for Jan



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

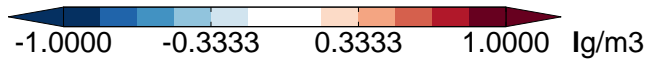
SO4 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

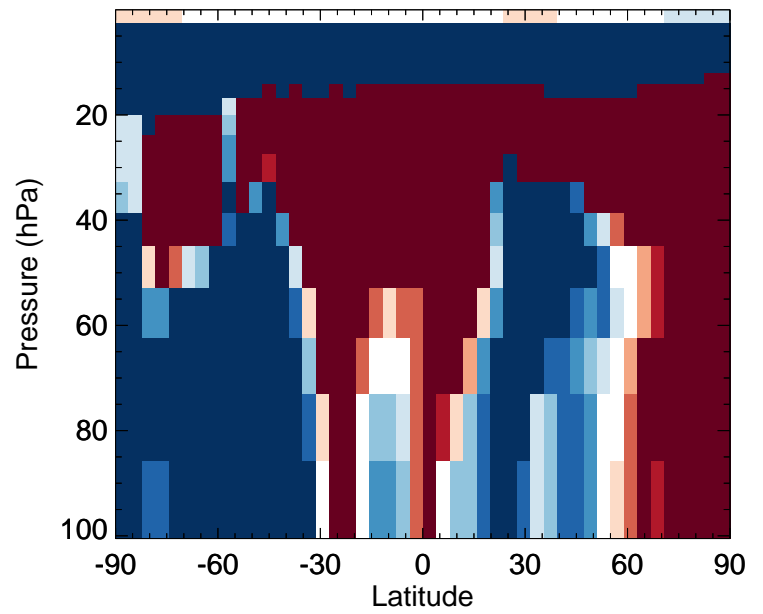
v11-02e-Run1 - v11-02e-Run0

SO4s - Strat zonal mean abs diff for Jan



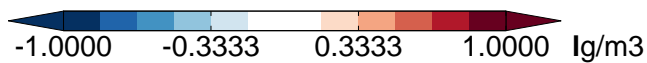
v11-02e-Run1 / v11-02e-Run0

SO4s - Strat zonal mean % diff for Jan



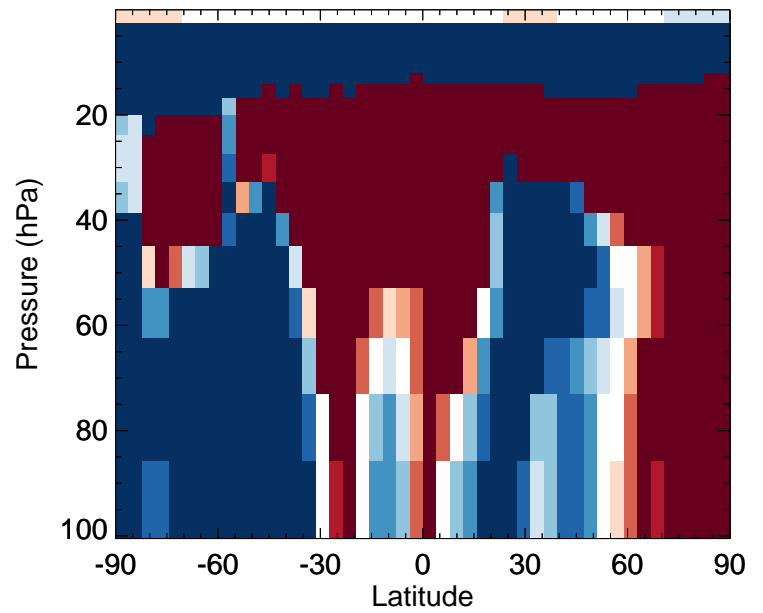
v11-02e-Run1 - v11-02d-Run1

SO4s - Strat zonal mean abs diff for Jan



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

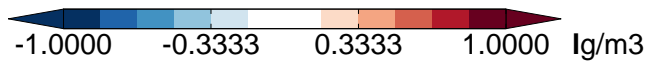
SO4s - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

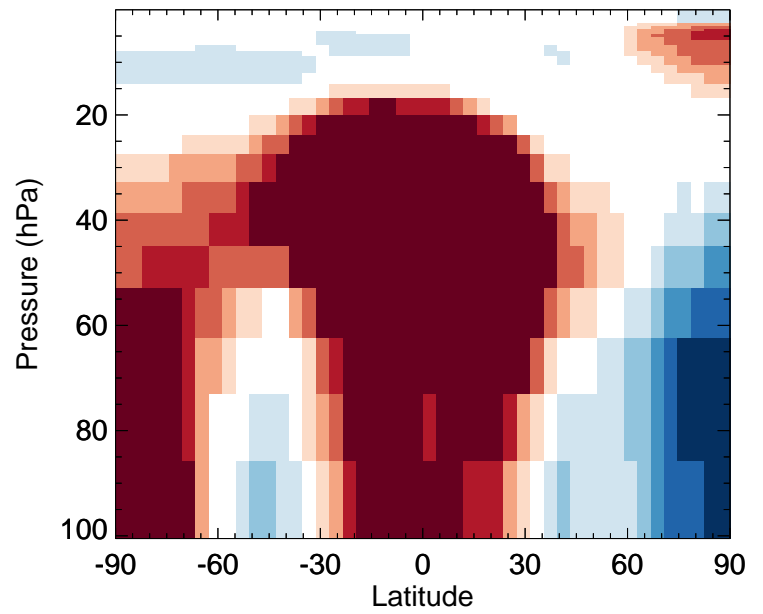
v11-02e-Run1 - v11-02e-Run0

MSA - Strat zonal mean abs diff for Jan



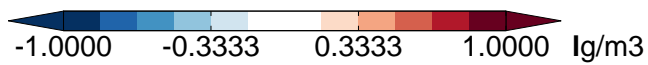
v11-02e-Run1 / v11-02e-Run0

MSA - Strat zonal mean % diff for Jan



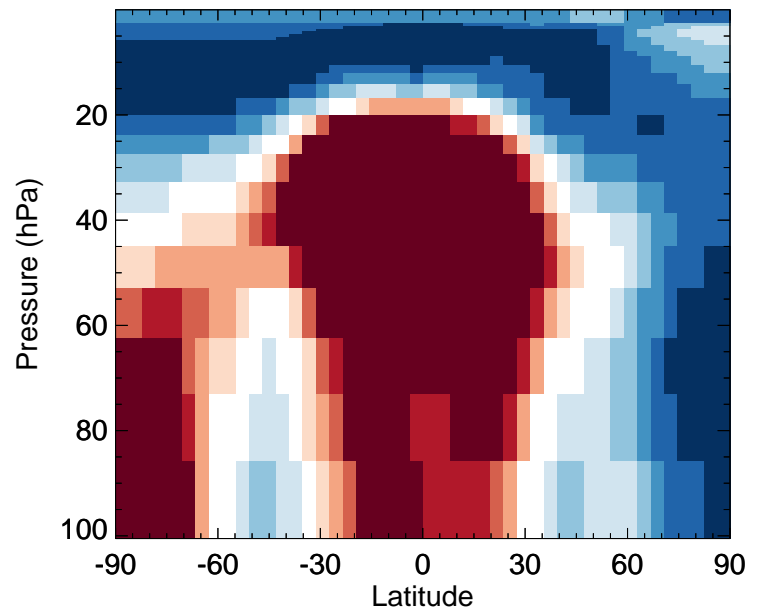
v11-02e-Run1 - v11-02d-Run1

MSA - Strat zonal mean abs diff for Jan



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

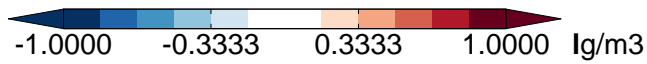
MSA - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

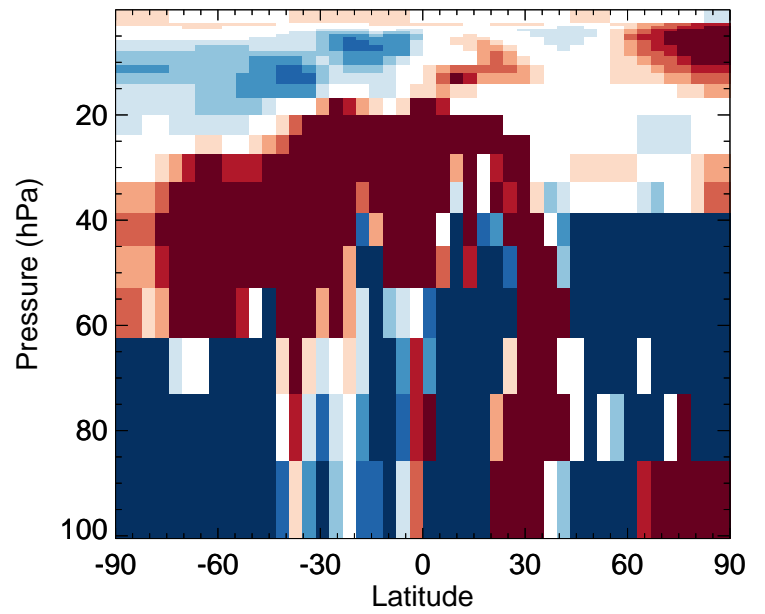
v11-02e-Run1 - v11-02e-Run0

NH3 - Strat zonal mean abs diff for Jan



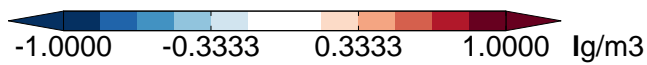
v11-02e-Run1 / v11-02e-Run0

NH3 - Strat zonal mean % diff for Jan



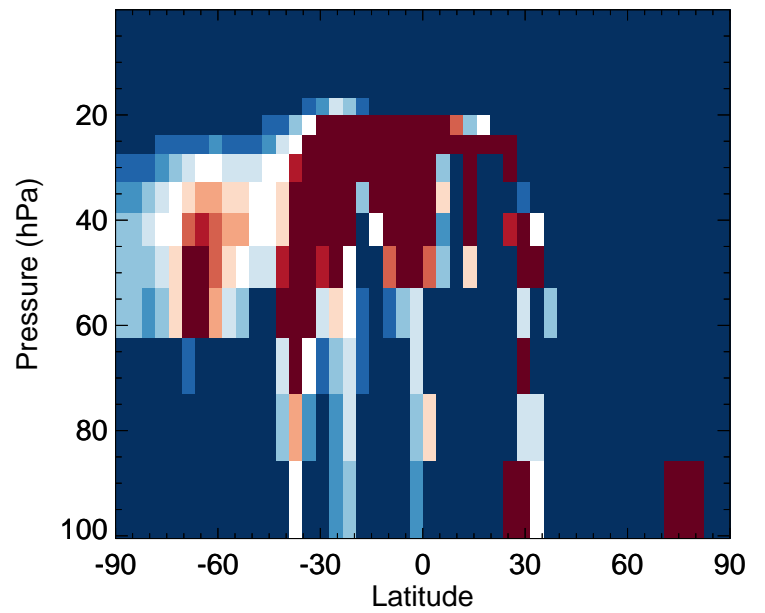
v11-02e-Run1 - v11-02d-Run1

NH3 - Strat zonal mean abs diff for Jan



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

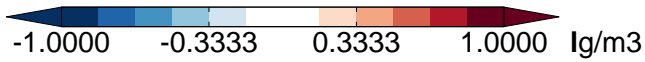
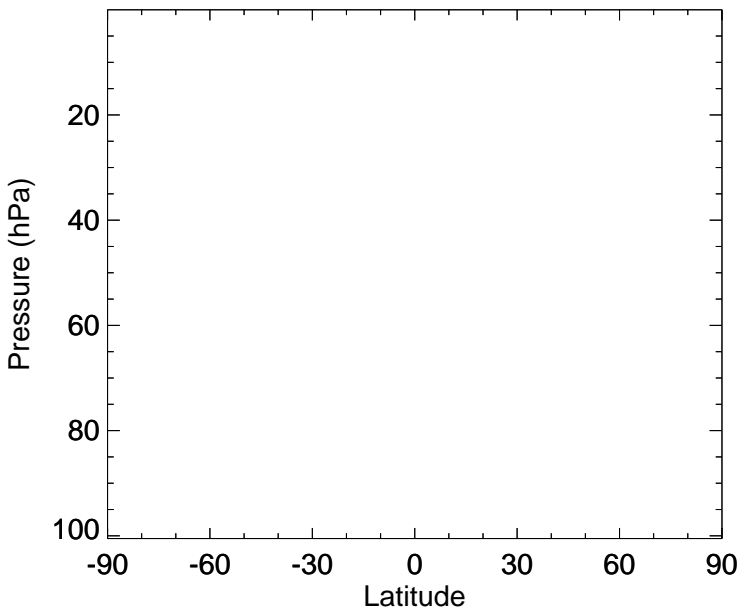
NH3 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

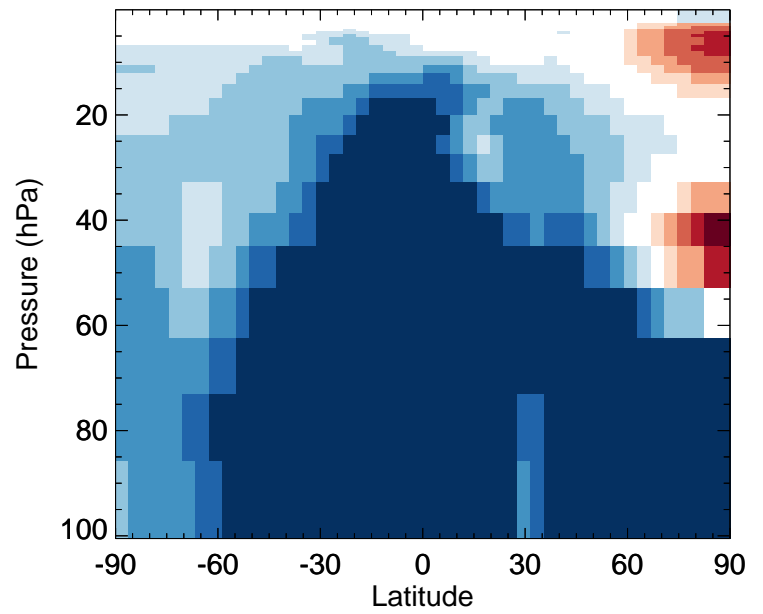
v11-02e-Run1 - v11-02e-Run0

NH4 - Strat zonal mean abs diff for Jan



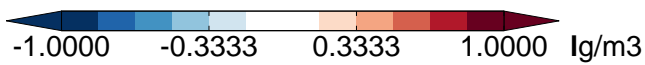
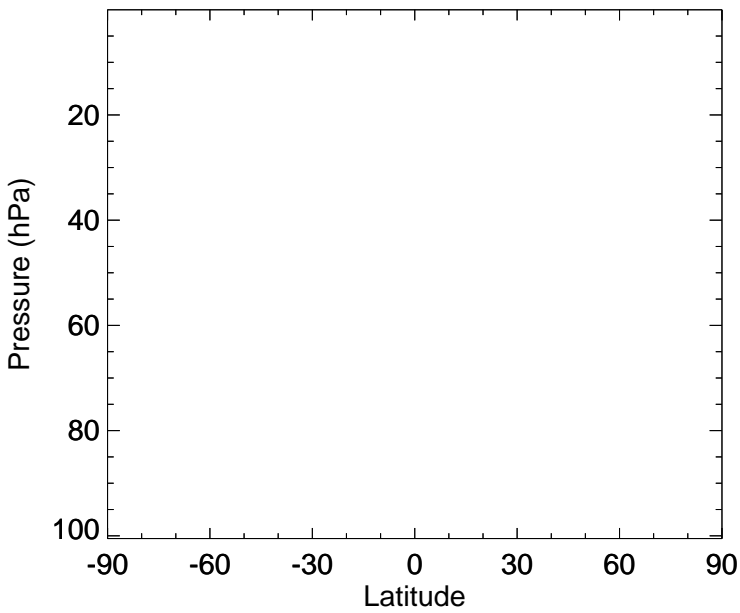
v11-02e-Run1 / v11-02e-Run0

NH4 - Strat zonal mean % diff for Jan



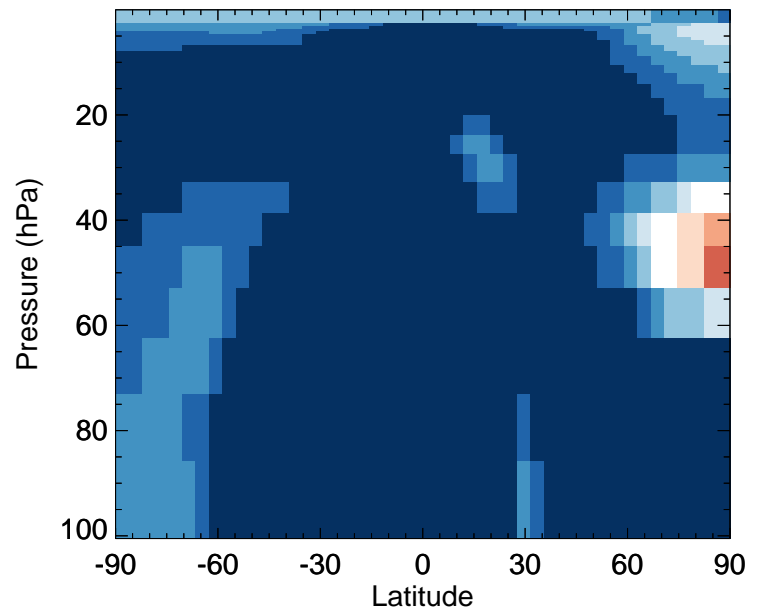
v11-02e-Run1 - v11-02d-Run1

NH4 - Strat zonal mean abs diff for Jan



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

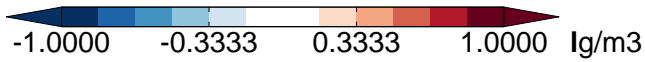
NH4 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

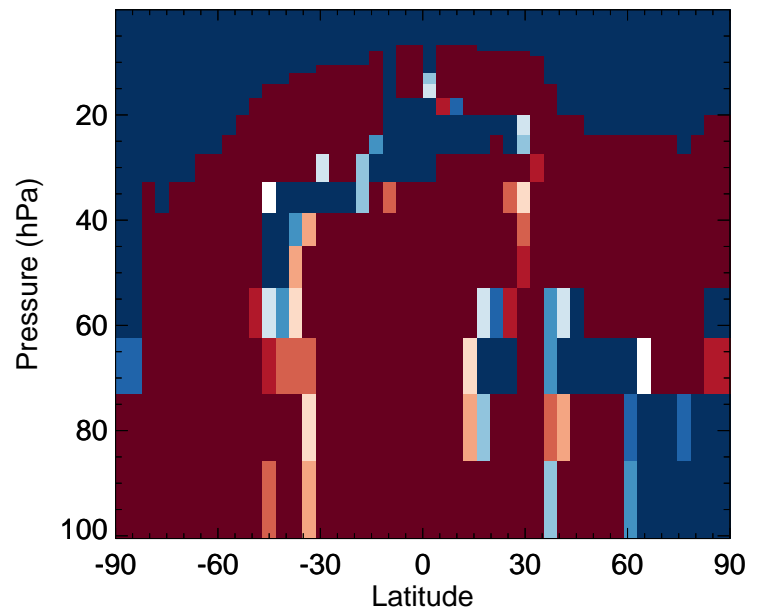
v11-02e-Run1 - v11-02e-Run0

NIT - Strat zonal mean abs diff for Jan



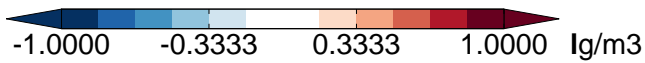
v11-02e-Run1 / v11-02e-Run0

NIT - Strat zonal mean % diff for Jan



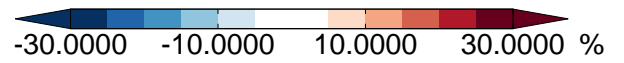
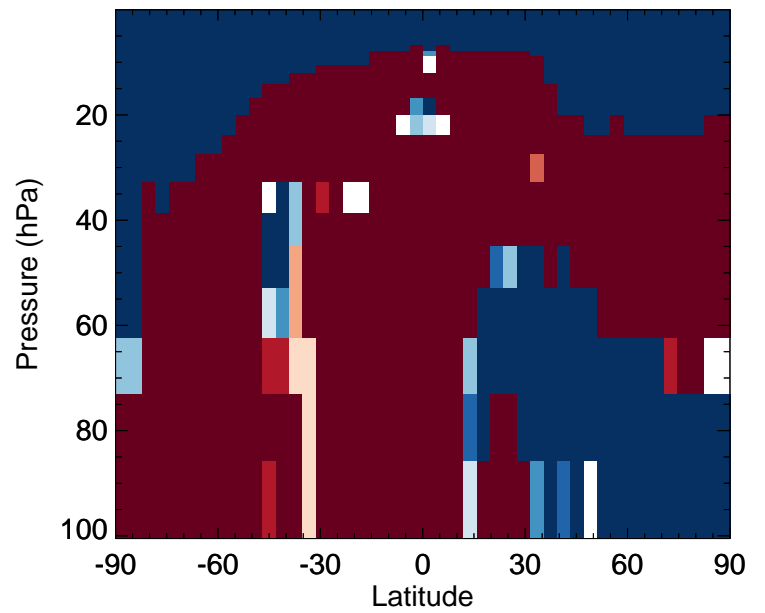
v11-02e-Run1 - v11-02d-Run1

NIT - Strat zonal mean abs diff for Jan



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

NIT - Strat zonal mean % diff for Jan

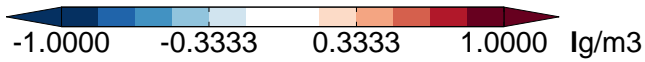
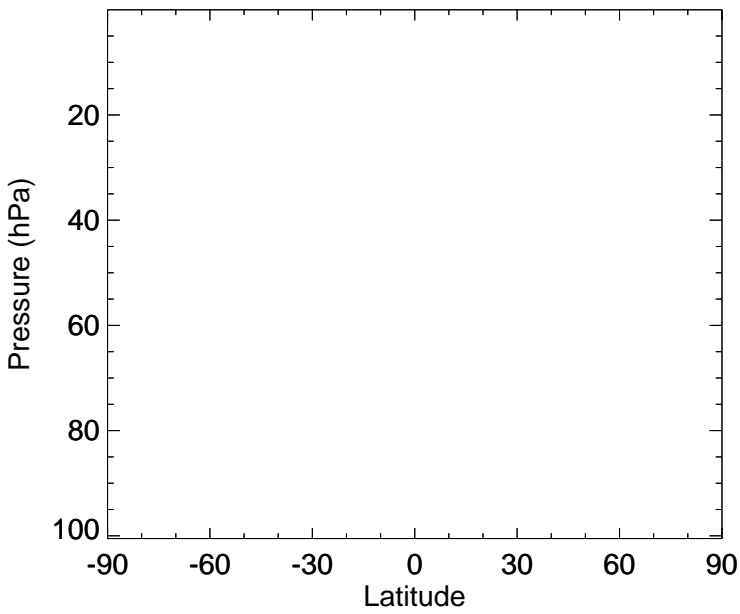




# GEOS-Chem Stratospheric Zonal Difference Maps

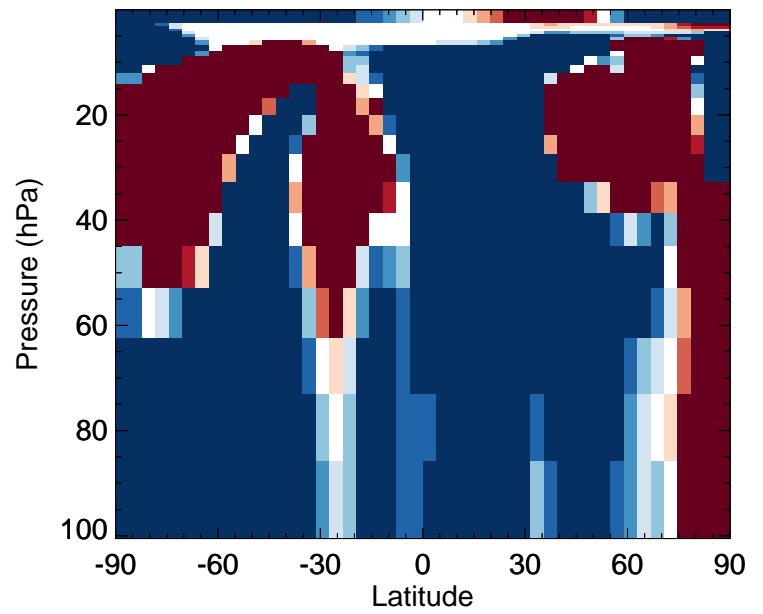
v11-02e-Run1 - v11-02e-Run0

NITs - Strat zonal mean abs diff for Jan



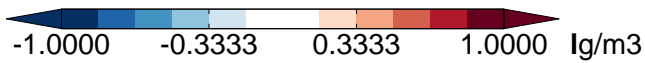
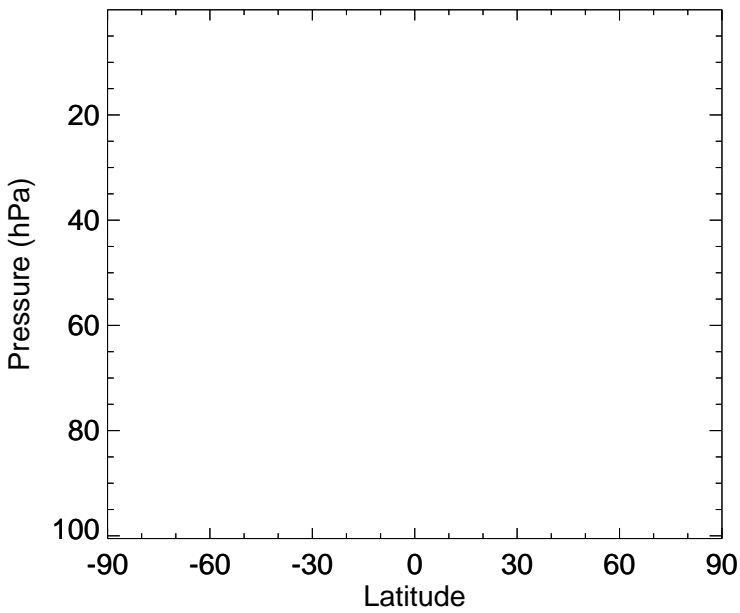
v11-02e-Run1 / v11-02e-Run0

NITs - Strat zonal mean % diff for Jan



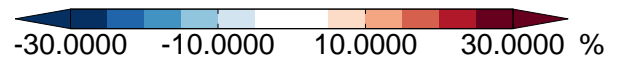
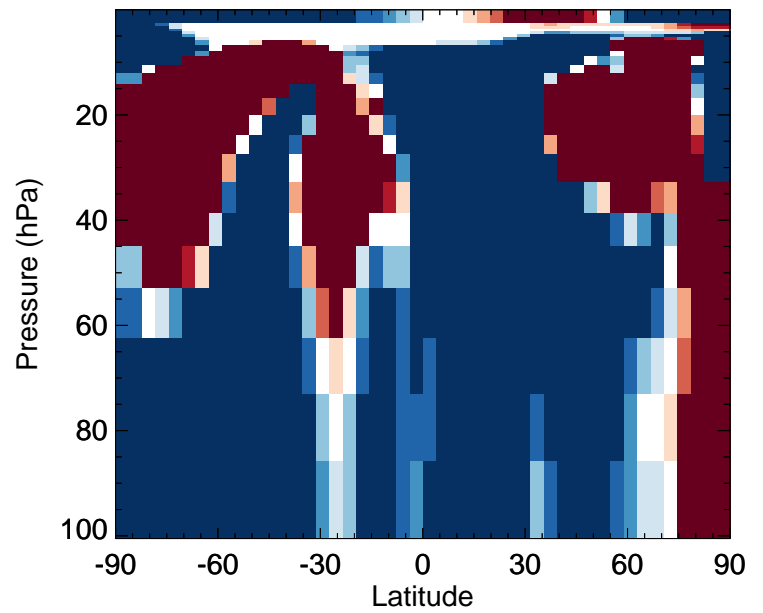
v11-02e-Run1 - v11-02d-Run1

NITs - Strat zonal mean abs diff for Jan



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

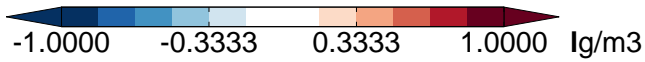
NITs - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

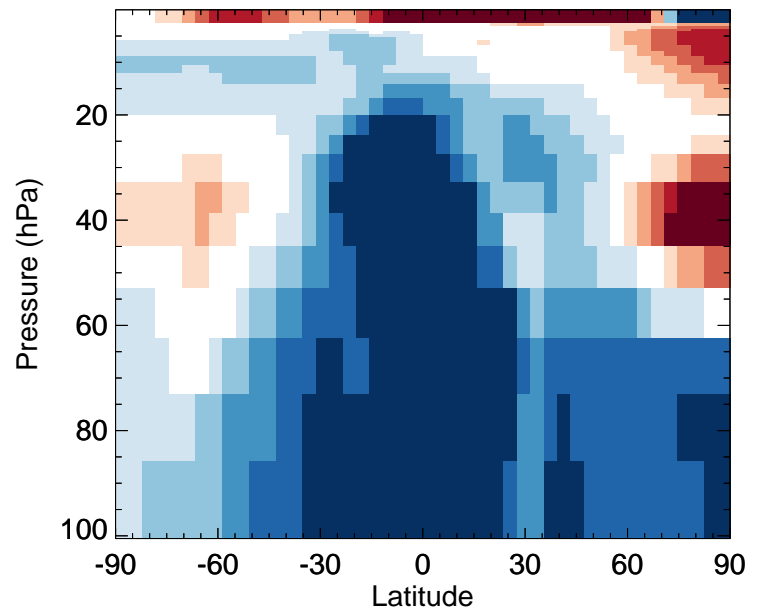
v11-02e-Run1 - v11-02e-Run0

BCPI - Strat zonal mean abs diff for Jan



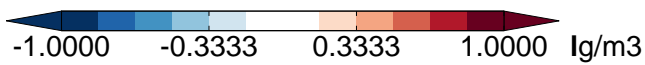
v11-02e-Run1 / v11-02e-Run0

BCPI - Strat zonal mean % diff for Jan



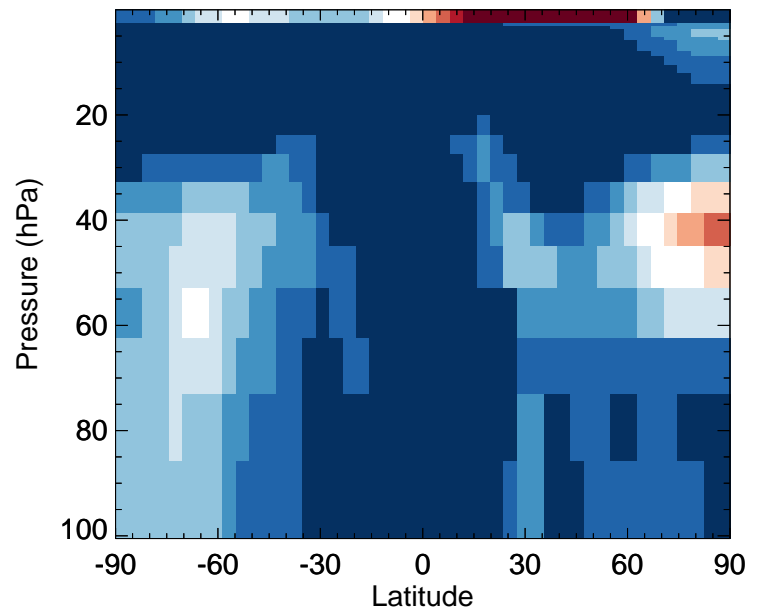
v11-02e-Run1 - v11-02d-Run1

BCPI - Strat zonal mean abs diff for Jan



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

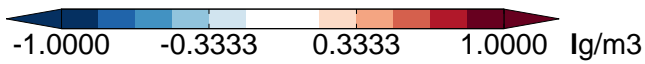
BCPI - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

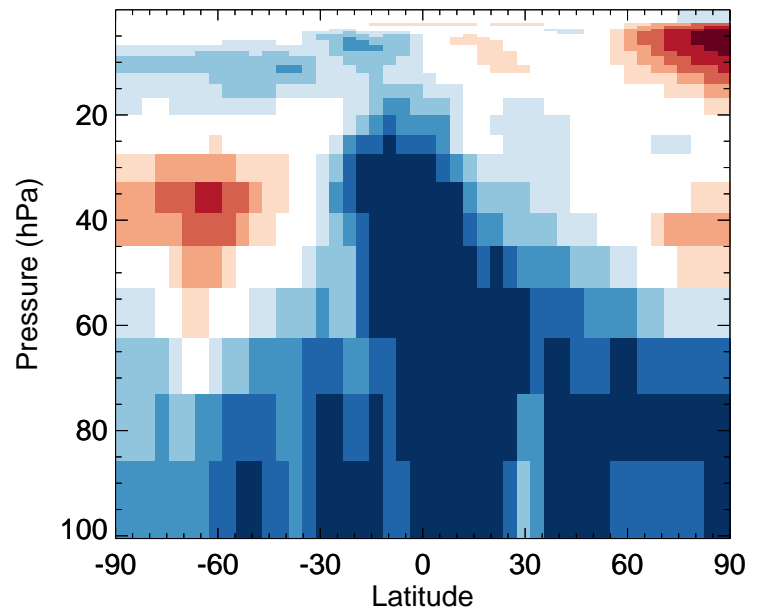
v11-02e-Run1 - v11-02e-Run0

OCPI - Strat zonal mean abs diff for Jan



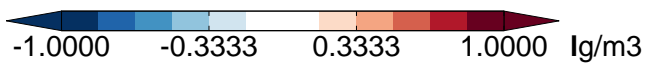
v11-02e-Run1 / v11-02e-Run0

OCPI - Strat zonal mean % diff for Jan



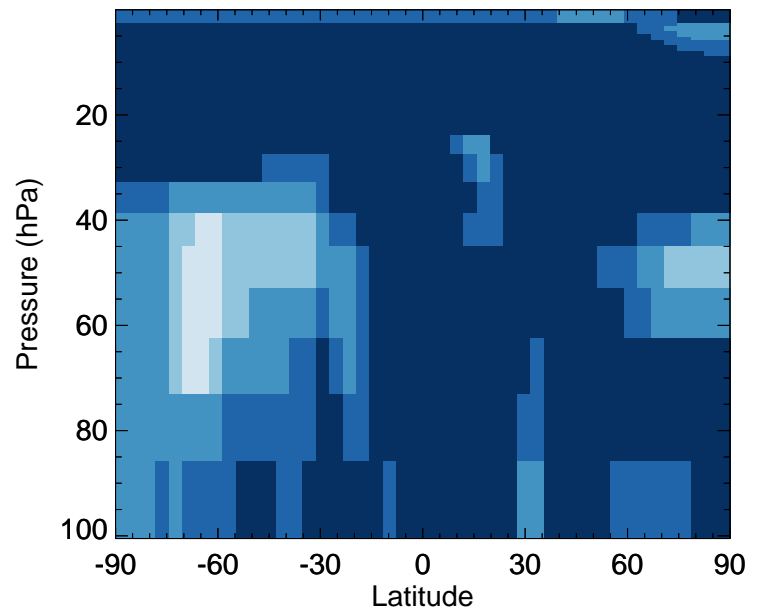
v11-02e-Run1 - v11-02d-Run1

OCPI - Strat zonal mean abs diff for Jan



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

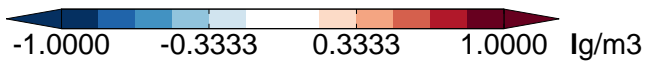
OCPI - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

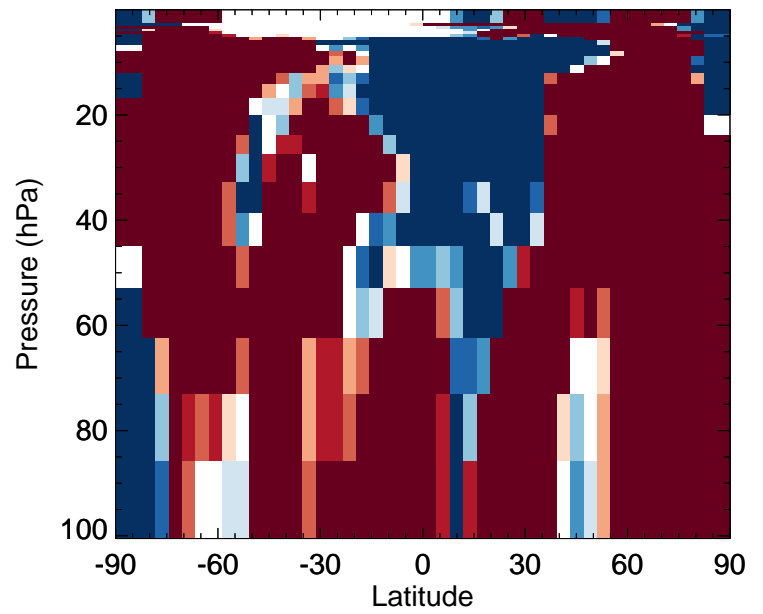
v11-02e-Run1 - v11-02e-Run0

BCPO - Strat zonal mean abs diff for Jan



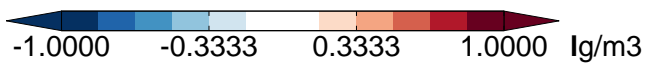
v11-02e-Run1 / v11-02e-Run0

BCPO - Strat zonal mean % diff for Jan



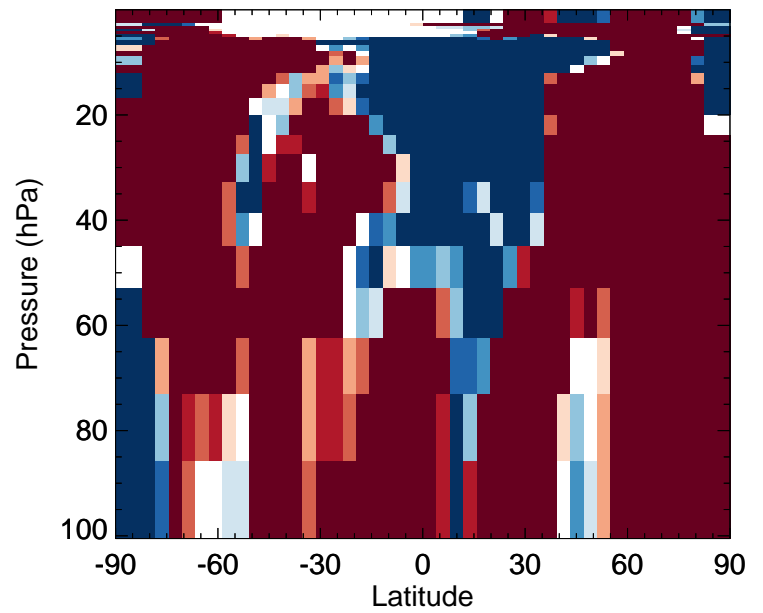
v11-02e-Run1 - v11-02d-Run1

BCPO - Strat zonal mean abs diff for Jan



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

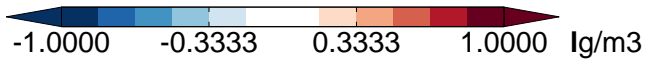
BCPO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

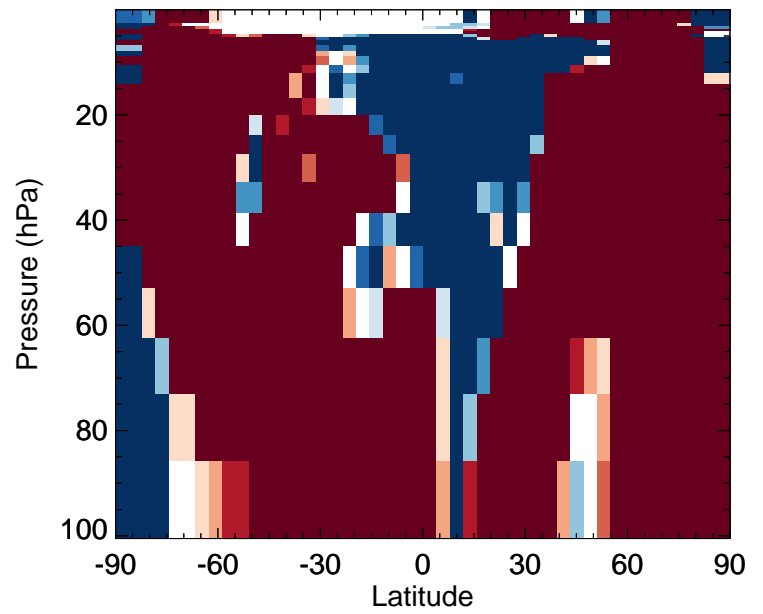
v11-02e-Run1 - v11-02e-Run0

OCPO - Strat zonal mean abs diff for Jan



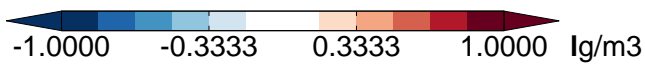
v11-02e-Run1 / v11-02e-Run0

OCPO - Strat zonal mean % diff for Jan



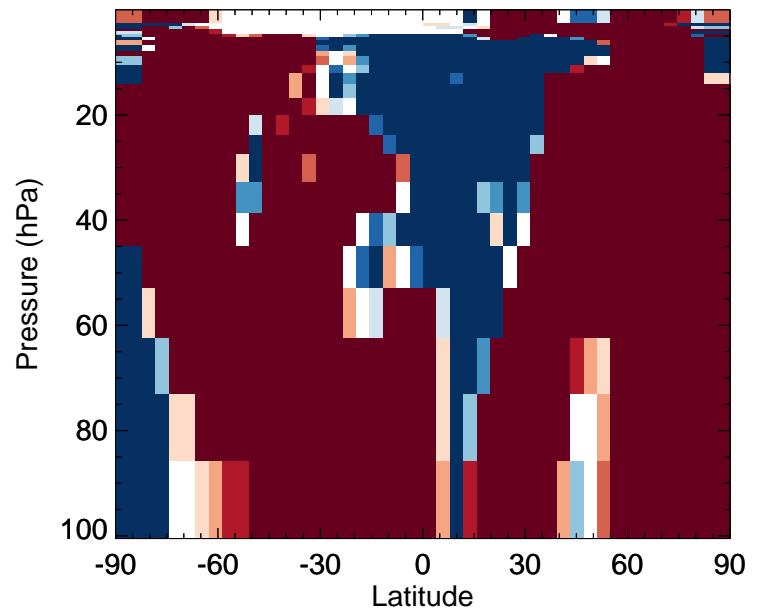
v11-02e-Run1 - v11-02d-Run1

OCPO - Strat zonal mean abs diff for Jan



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

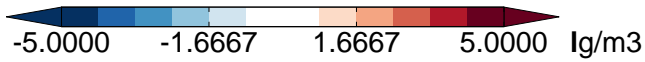
OCPO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

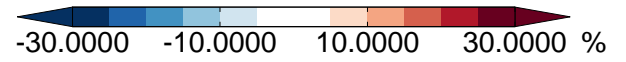
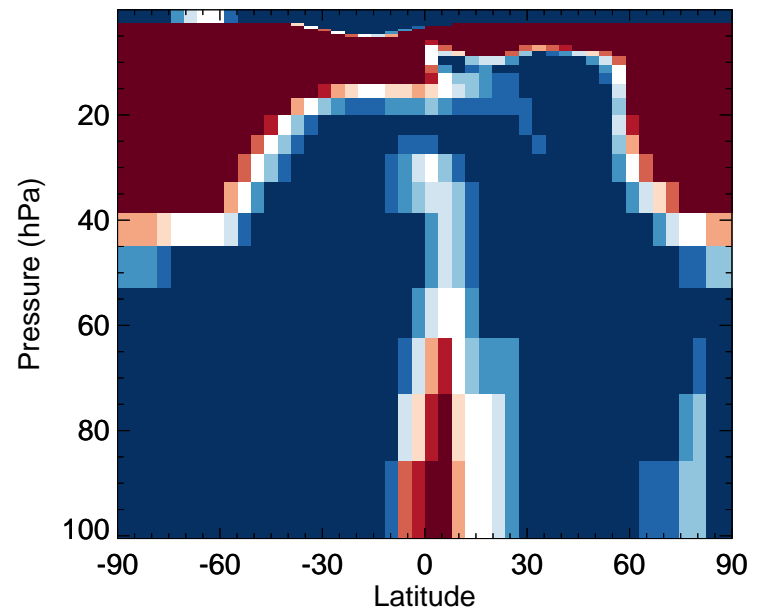
v11-02e-Run1 - v11-02e-Run0

DST1 - Strat zonal mean abs diff for Jan



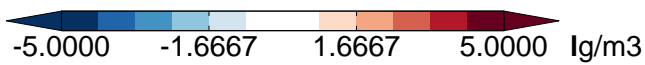
v11-02e-Run1 / v11-02e-Run0

DST1 - Strat zonal mean % diff for Jan



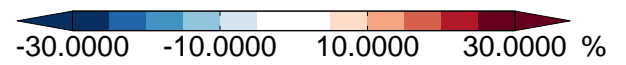
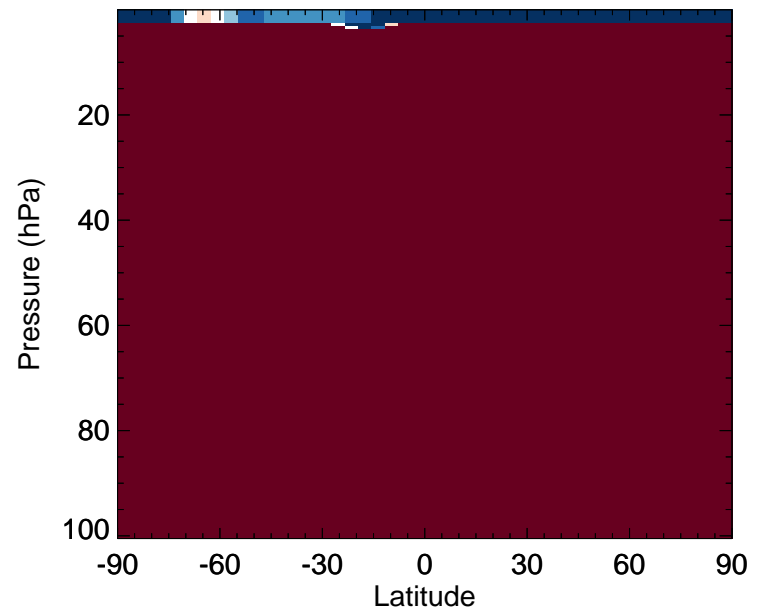
v11-02e-Run1 - v11-02d-Run1

DST1 - Strat zonal mean abs diff for Jan



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

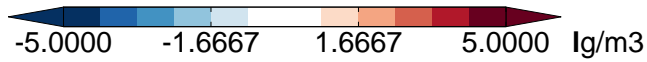
DST1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

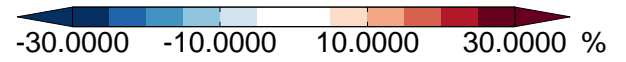
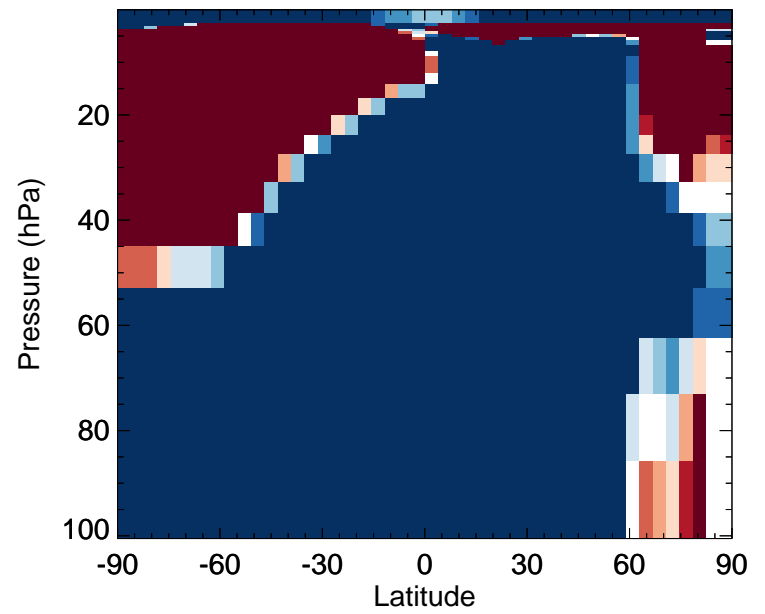
v11-02e-Run1 - v11-02e-Run0

DST2 - Strat zonal mean abs diff for Jan



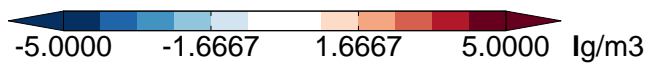
v11-02e-Run1 / v11-02e-Run0

DST2 - Strat zonal mean % diff for Jan



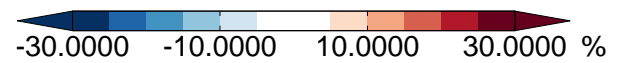
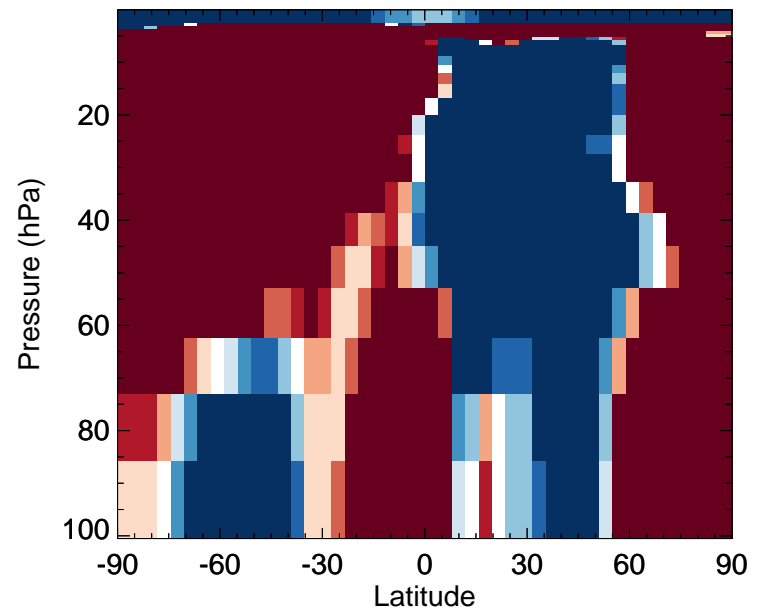
v11-02e-Run1 - v11-02d-Run1

DST2 - Strat zonal mean abs diff for Jan



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

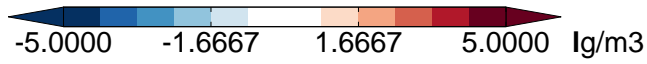
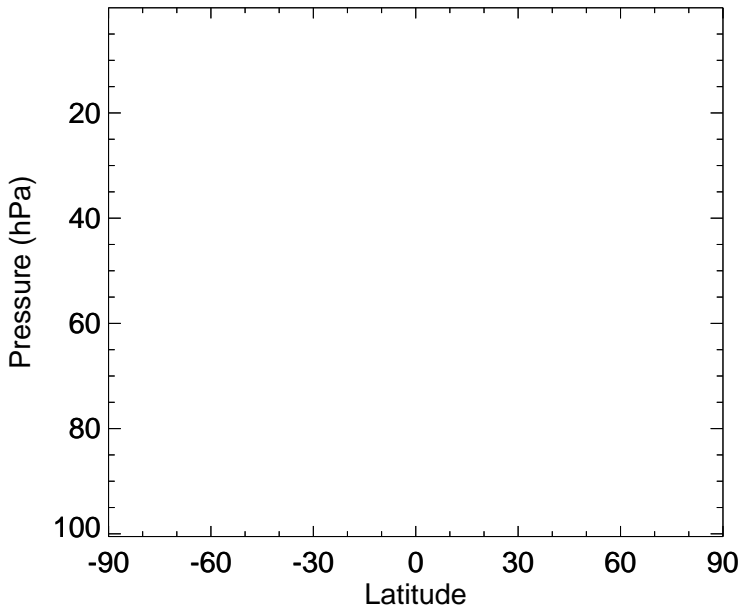
DST2 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

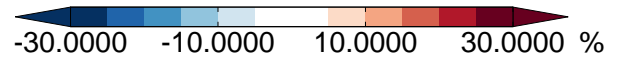
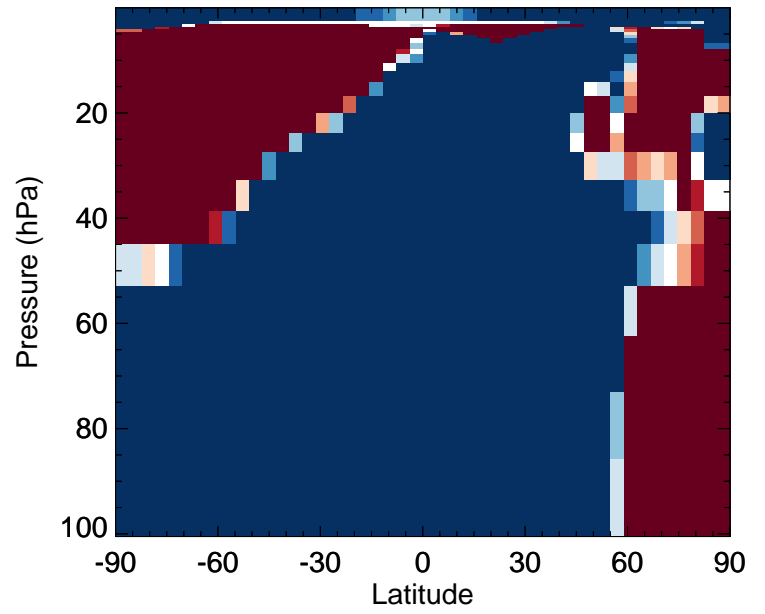
v11-02e-Run1 - v11-02e-Run0

DST3 - Strat zonal mean abs diff for Jan



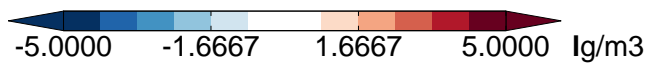
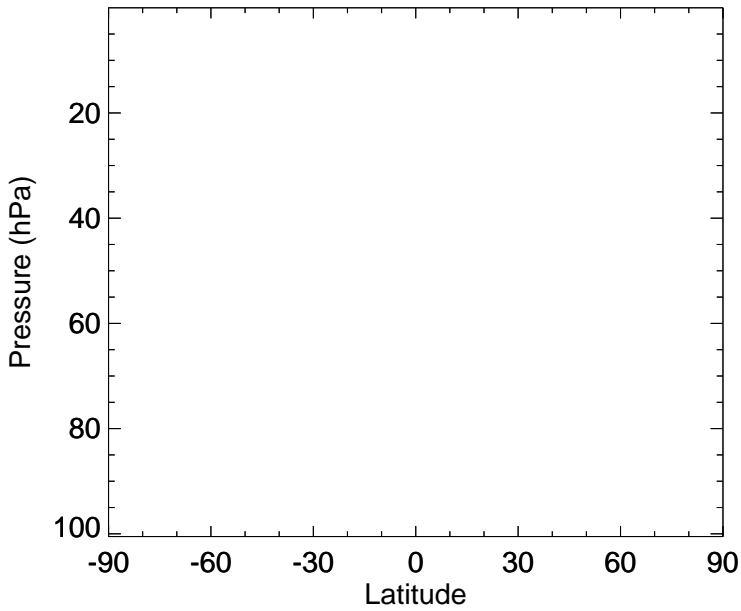
v11-02e-Run1 / v11-02e-Run0

DST3 - Strat zonal mean % diff for Jan



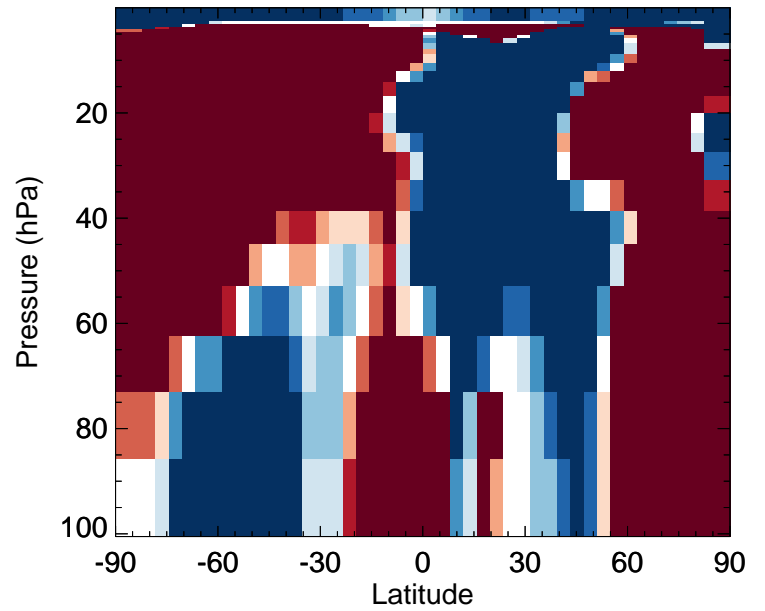
v11-02e-Run1 - v11-02d-Run1

DST3 - Strat zonal mean abs diff for Jan



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

DST3 - Strat zonal mean % diff for Jan

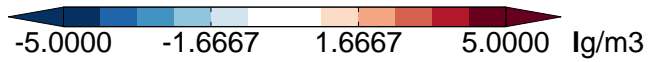




# GEOS-Chem Stratospheric Zonal Difference Maps

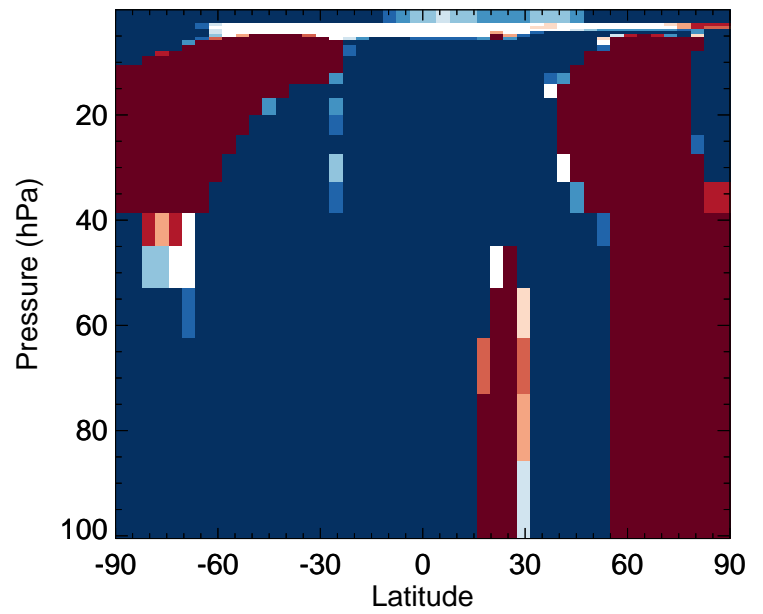
v11-02e-Run1 - v11-02e-Run0

DST4 - Strat zonal mean abs diff for Jan



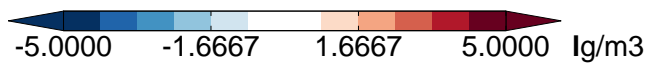
v11-02e-Run1 / v11-02e-Run0

DST4 - Strat zonal mean % diff for Jan



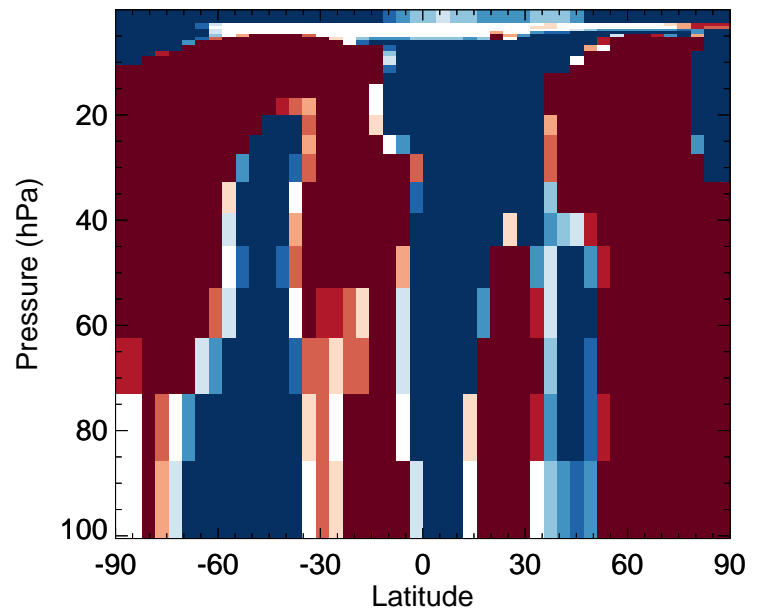
v11-02e-Run1 - v11-02d-Run1

DST4 - Strat zonal mean abs diff for Jan



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

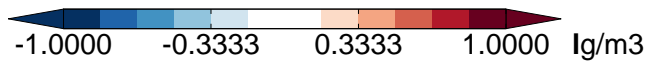
DST4 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

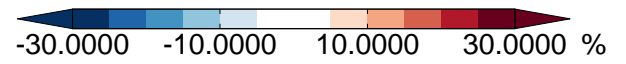
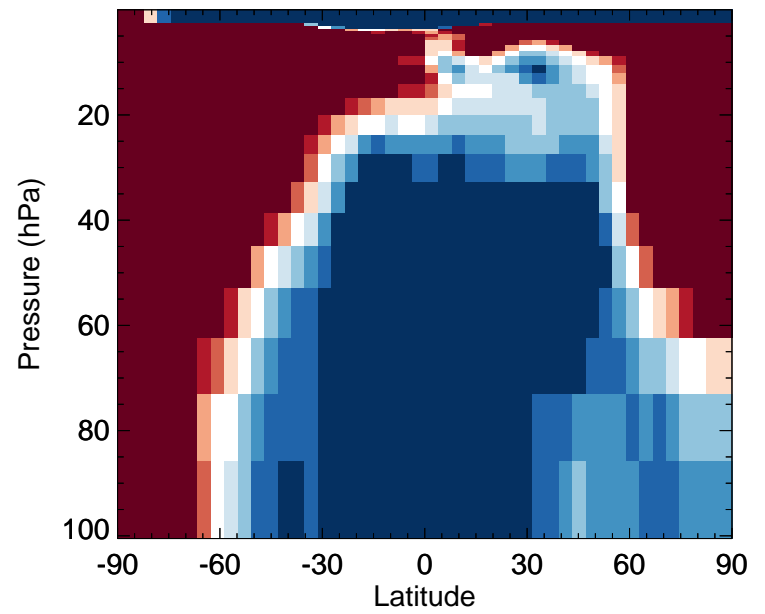
v11-02e-Run1 - v11-02e-Run0

SALA - Strat zonal mean abs diff for Jan



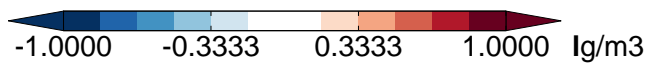
v11-02e-Run1 / v11-02e-Run0

SALA - Strat zonal mean % diff for Jan



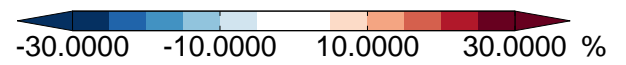
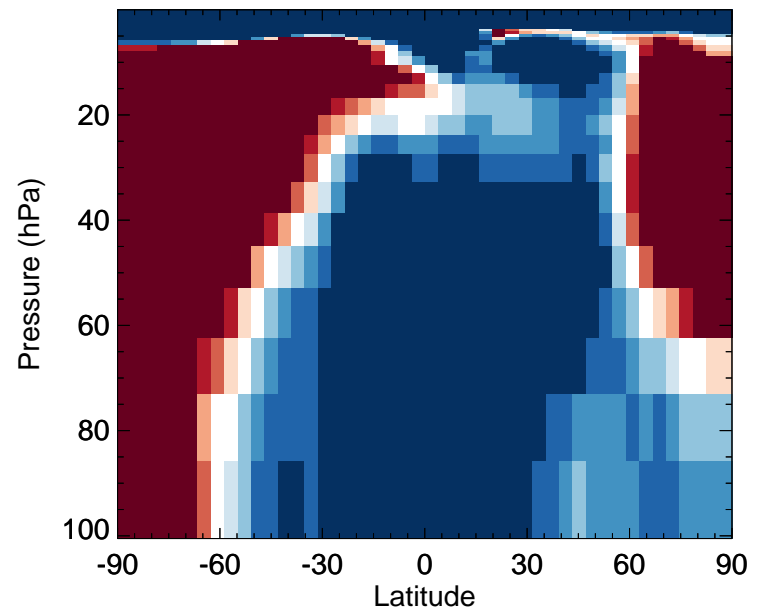
v11-02e-Run1 - v11-02d-Run1

SALA - Strat zonal mean abs diff for Jan



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

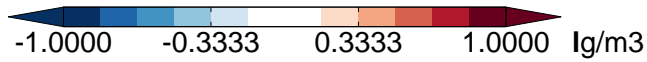
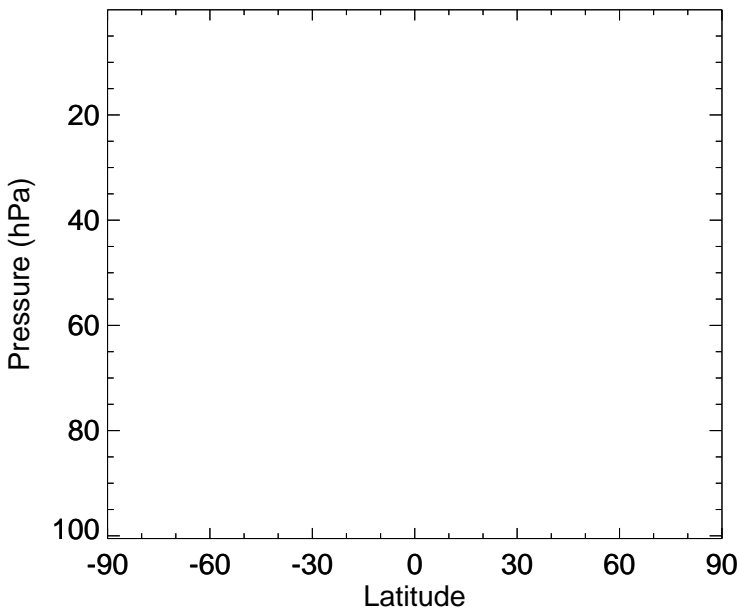
SALA - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

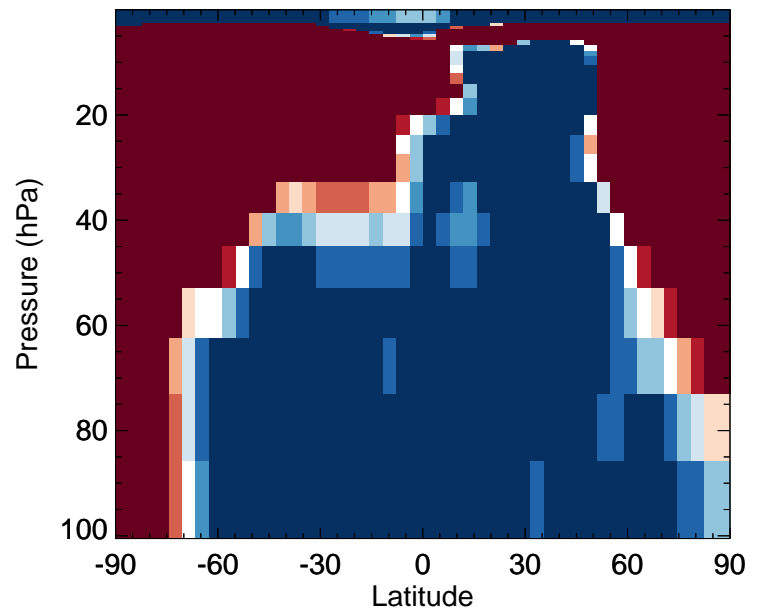
v11-02e-Run1 - v11-02e-Run0

SALC - Strat zonal mean abs diff for Jan



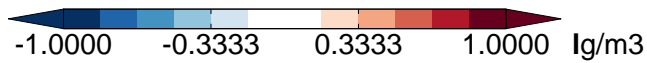
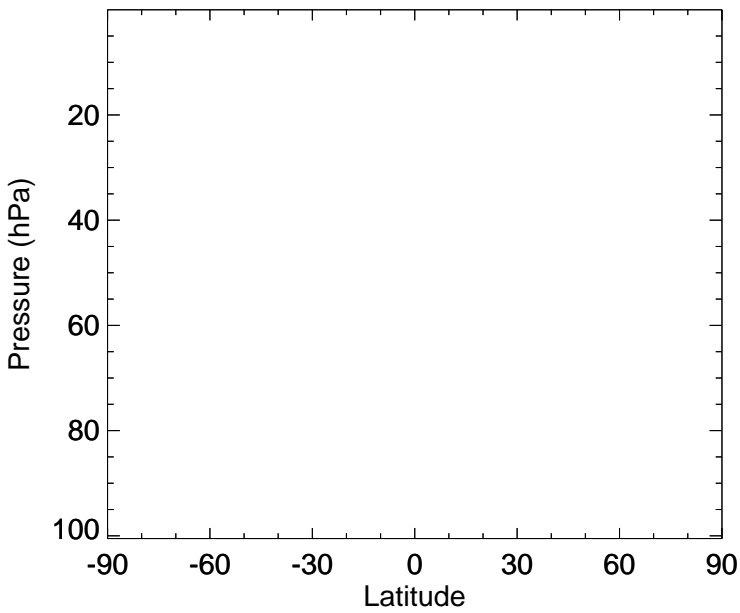
v11-02e-Run1 / v11-02e-Run0

SALC - Strat zonal mean % diff for Jan



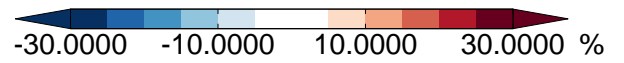
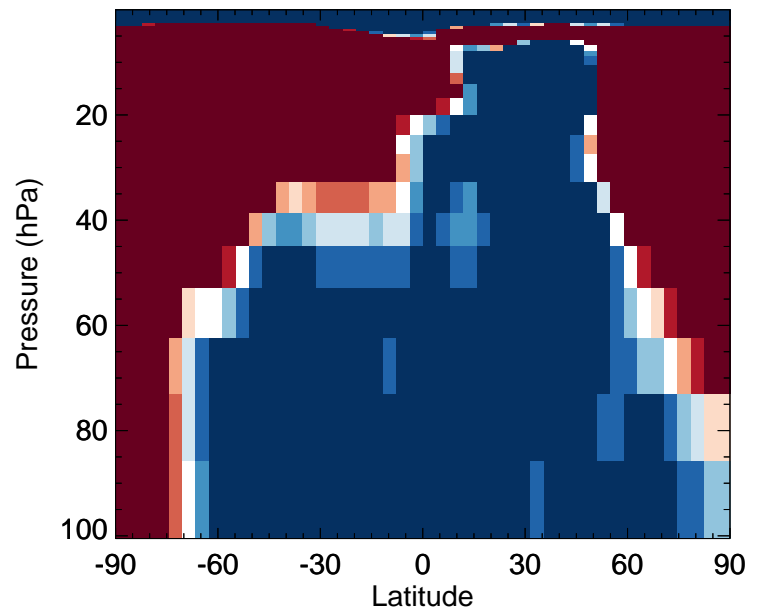
v11-02e-Run1 - v11-02d-Run1

SALC - Strat zonal mean abs diff for Jan



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

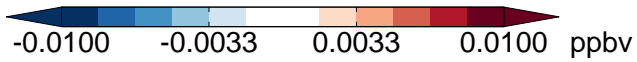
SALC - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

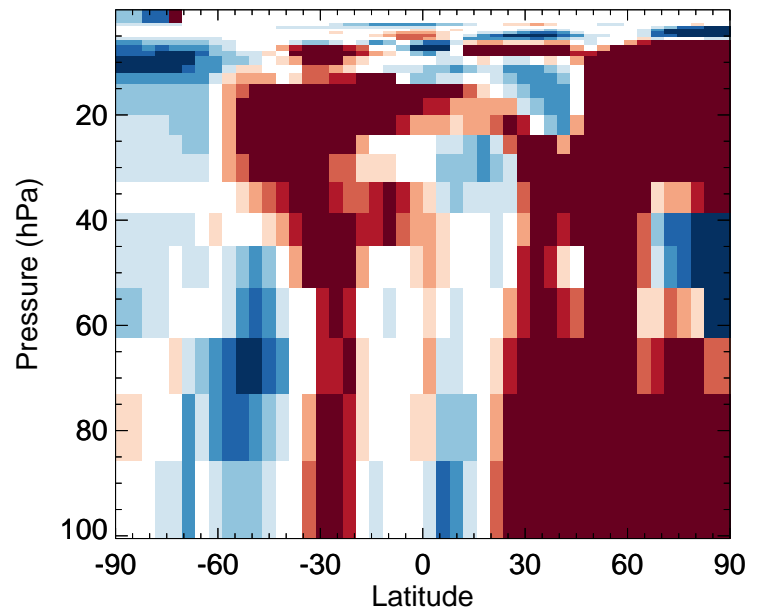
v11-02e-Run1 - v11-02e-Run0

Br2 - Strat zonal mean abs diff for Jan



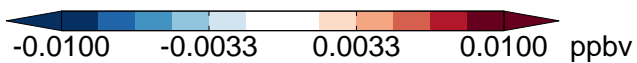
v11-02e-Run1 / v11-02e-Run0

Br2 - Strat zonal mean % diff for Jan



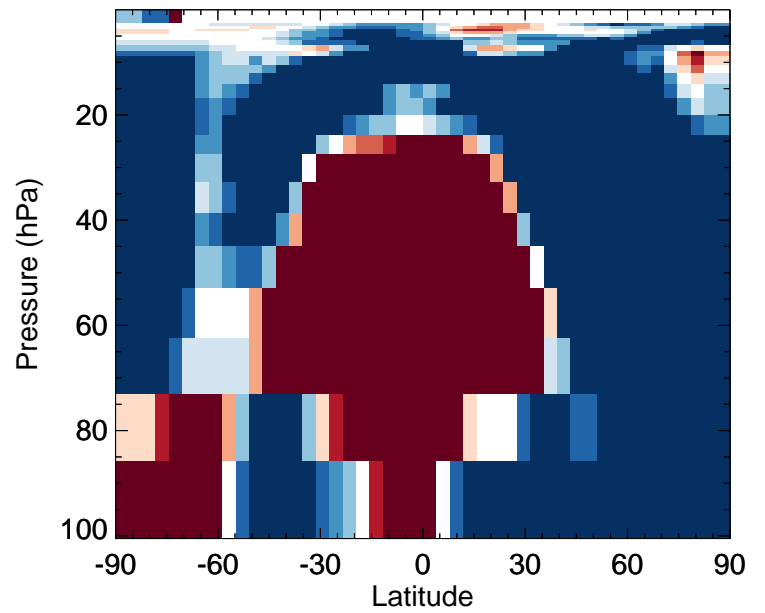
v11-02e-Run1 - v11-02d-Run1

Br2 - Strat zonal mean abs diff for Jan



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

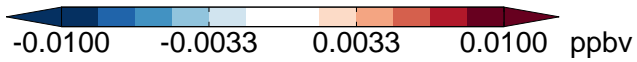
Br2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

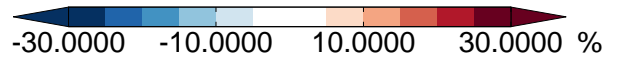
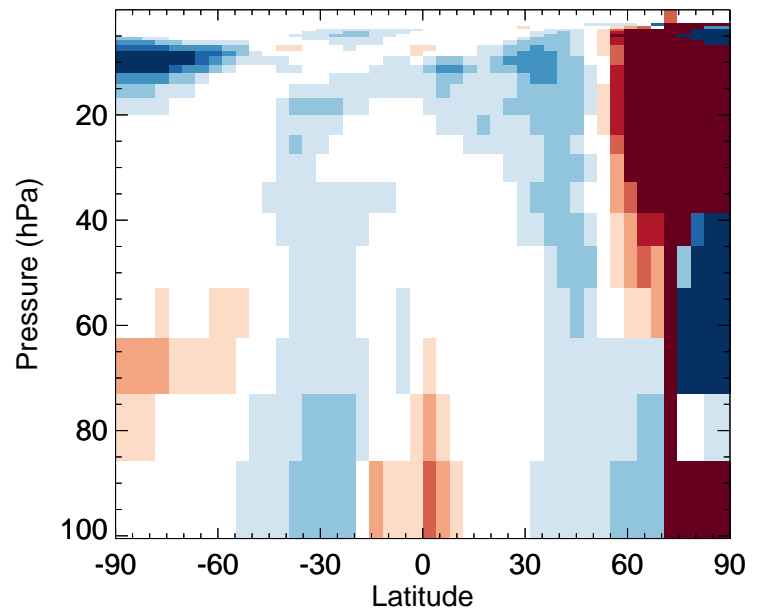
v11-02e-Run1 - v11-02e-Run0

Br - Strat zonal mean abs diff for Jan



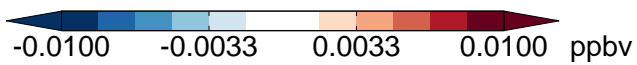
v11-02e-Run1 / v11-02e-Run0

Br - Strat zonal mean % diff for Jan



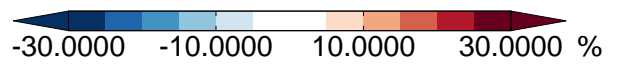
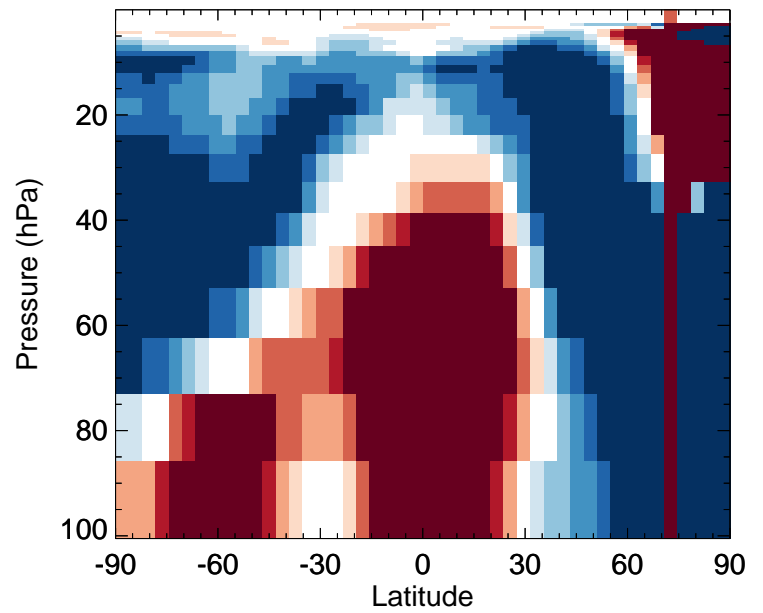
v11-02e-Run1 - v11-02d-Run1

Br - Strat zonal mean abs diff for Jan



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

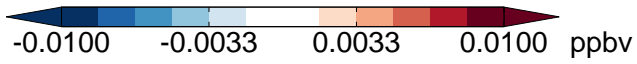
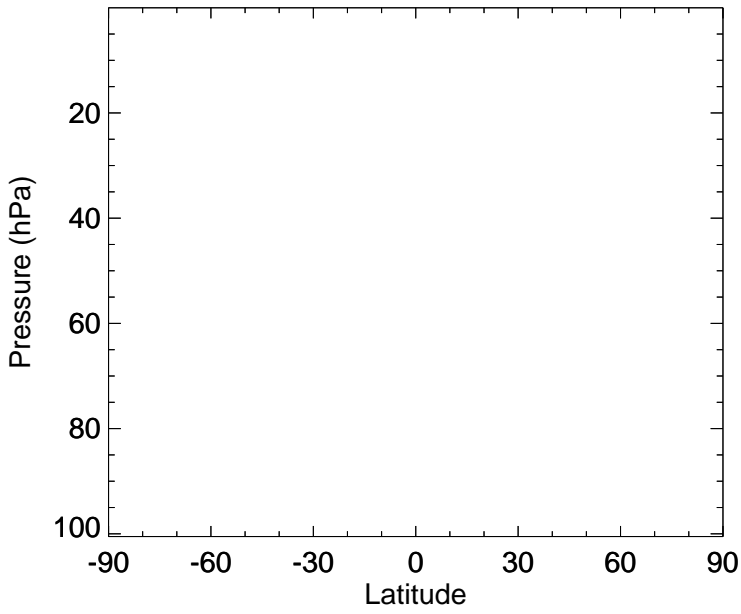
Br - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

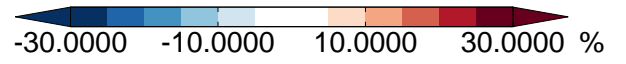
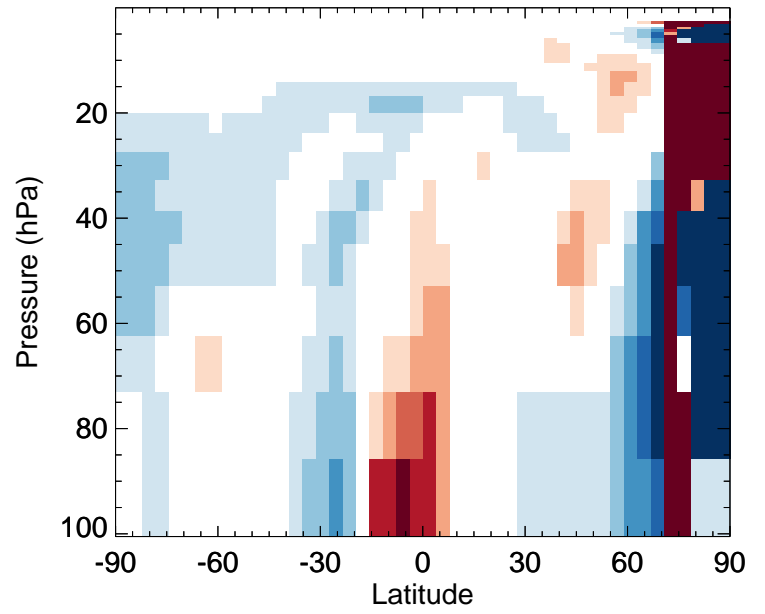
v11-02e-Run1 - v11-02e-Run0

BrO - Strat zonal mean abs diff for Jan



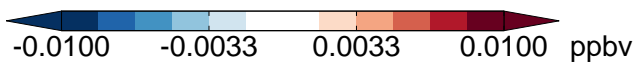
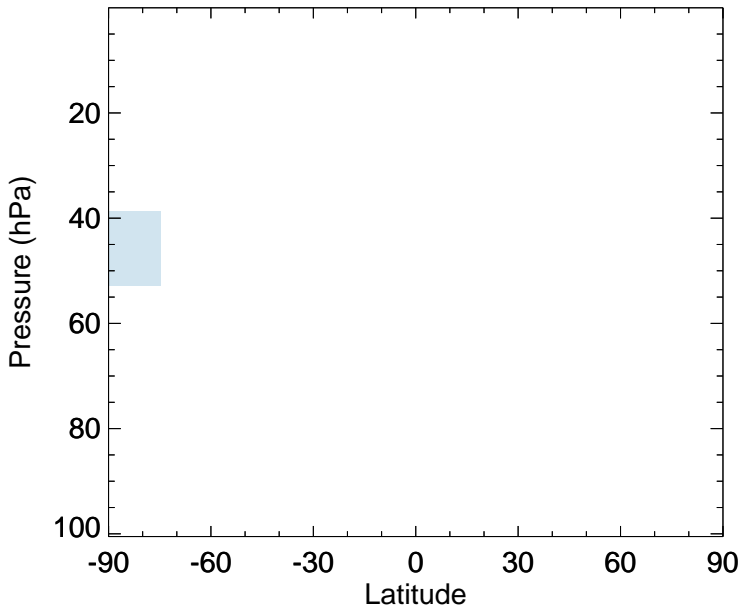
v11-02e-Run1 / v11-02e-Run0

BrO - Strat zonal mean % diff for Jan



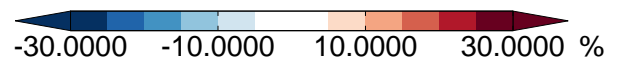
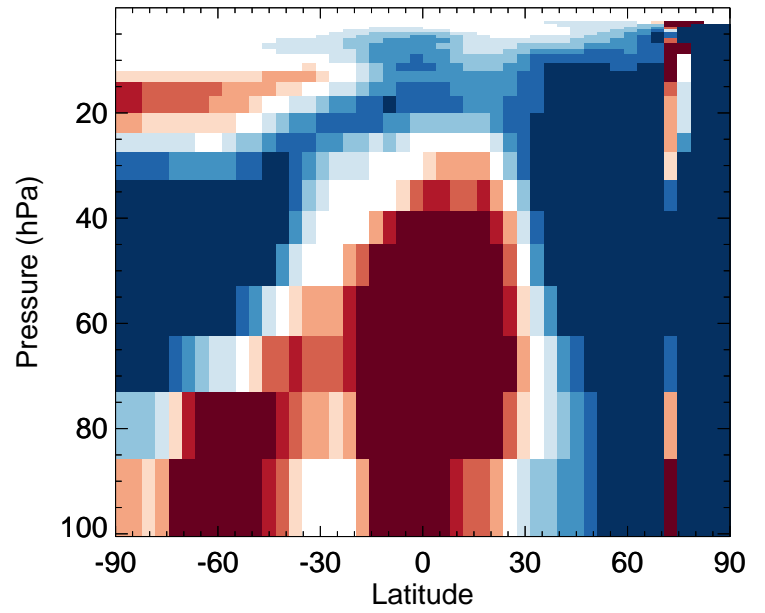
v11-02e-Run1 - v11-02d-Run1

BrO - Strat zonal mean abs diff for Jan



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

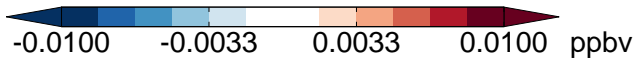
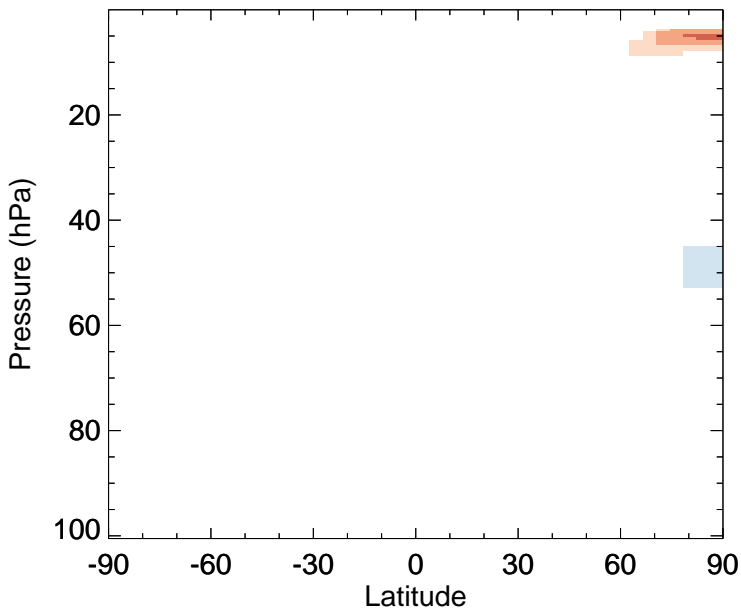
BrO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

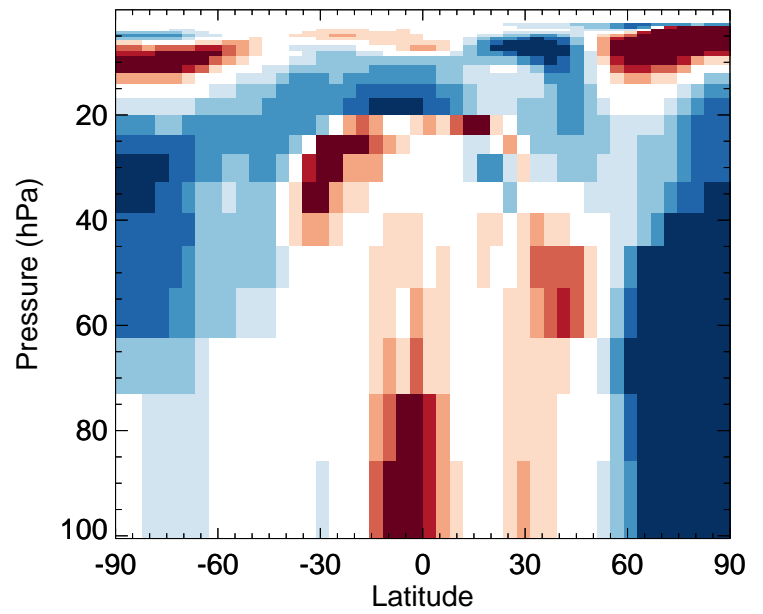
v11-02e-Run1 - v11-02e-Run0

HOBr - Strat zonal mean abs diff for Jan



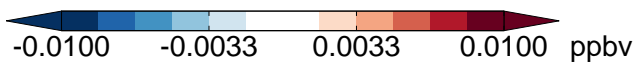
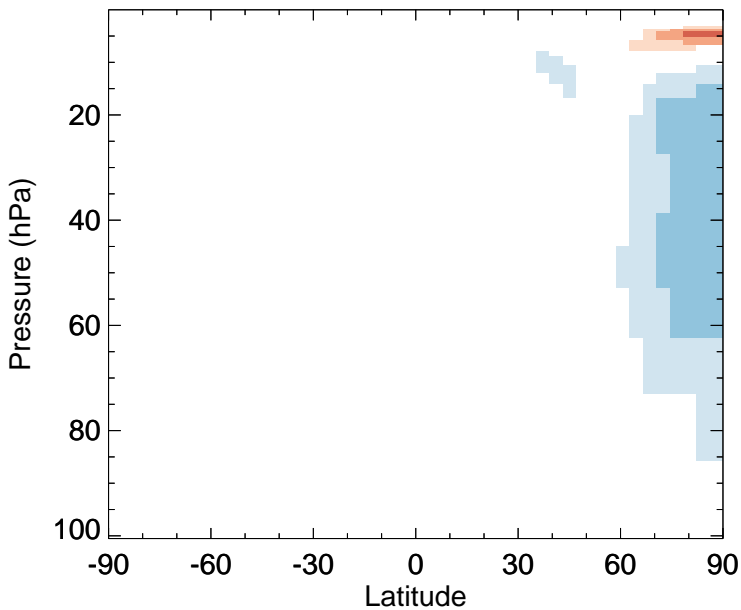
v11-02e-Run1 / v11-02e-Run0

HOBr - Strat zonal mean % diff for Jan



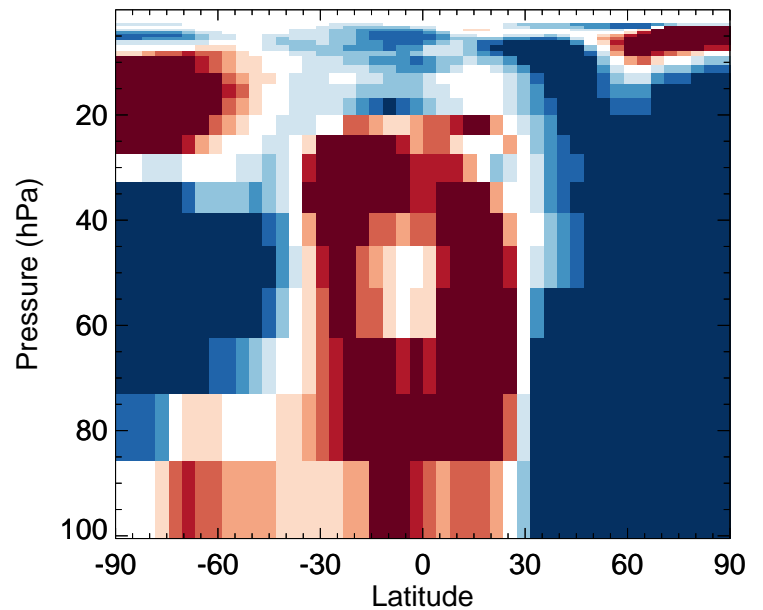
v11-02e-Run1 - v11-02d-Run1

HOBr - Strat zonal mean abs diff for Jan



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

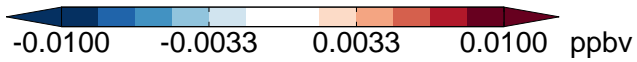
HOBr - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

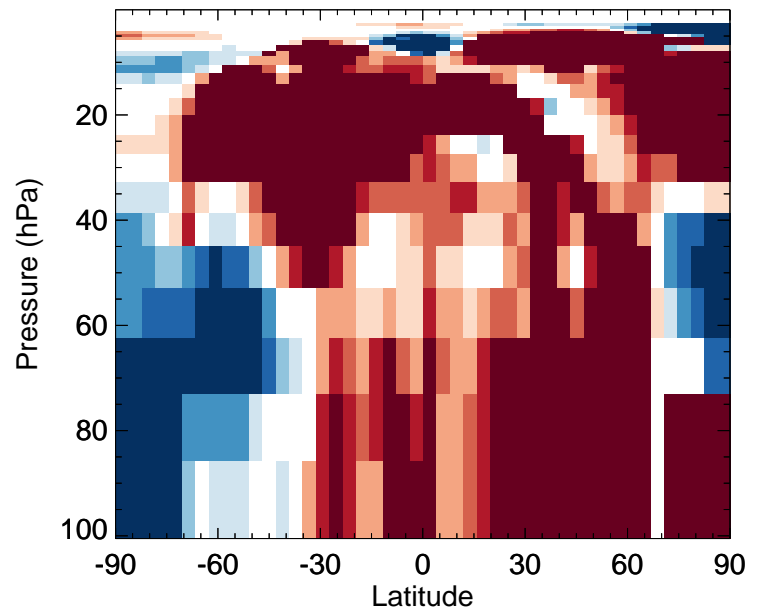
v11-02e-Run1 - v11-02e-Run0

HBr - Strat zonal mean abs diff for Jan



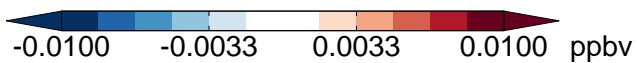
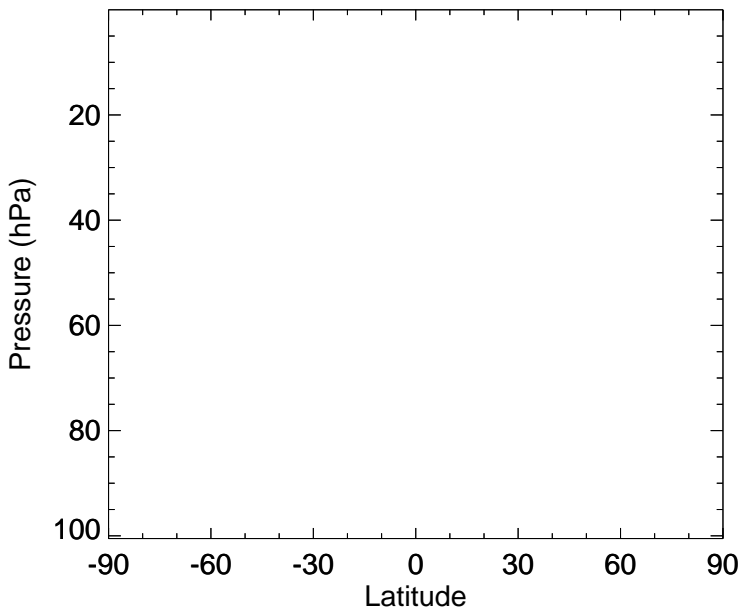
v11-02e-Run1 / v11-02e-Run0

HBr - Strat zonal mean % diff for Jan



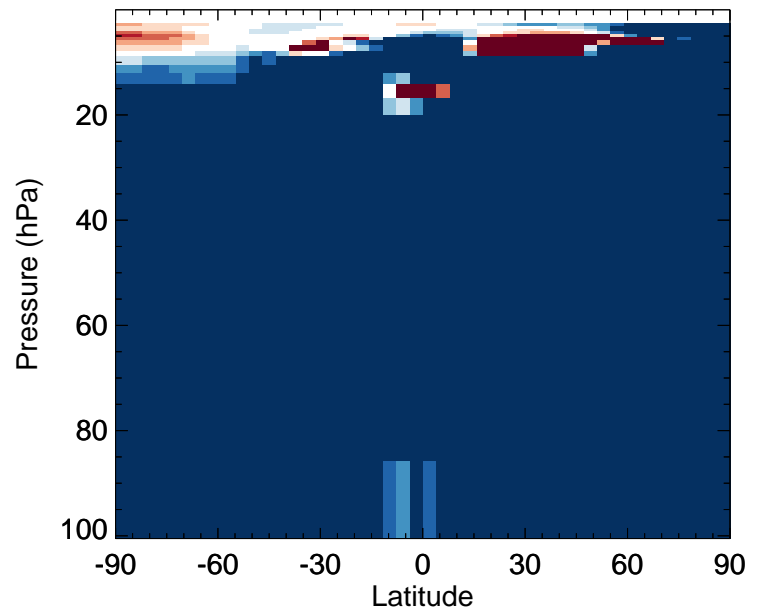
v11-02e-Run1 - v11-02d-Run1

HBr - Strat zonal mean abs diff for Jan



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

HBr - Strat zonal mean % diff for Jan

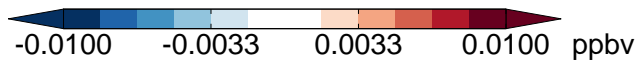




# GEOS-Chem Stratospheric Zonal Difference Maps

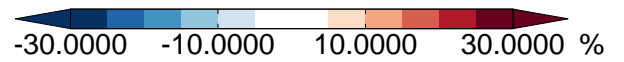
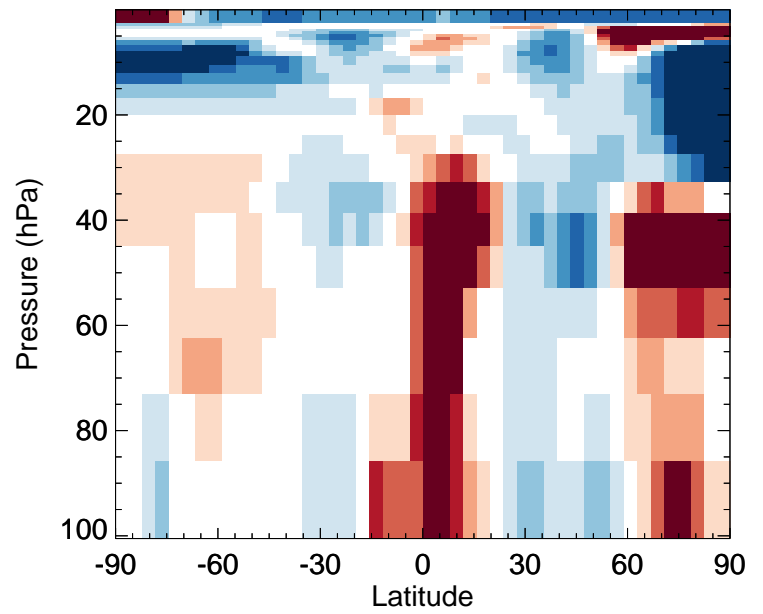
v11-02e-Run1 - v11-02e-Run0

BrNO<sub>2</sub> - Strat zonal mean abs diff for Jan



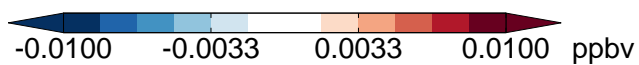
v11-02e-Run1 / v11-02e-Run0

BrNO<sub>2</sub> - Strat zonal mean % diff for Jan



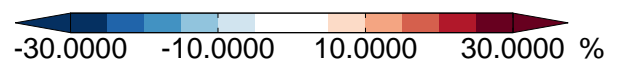
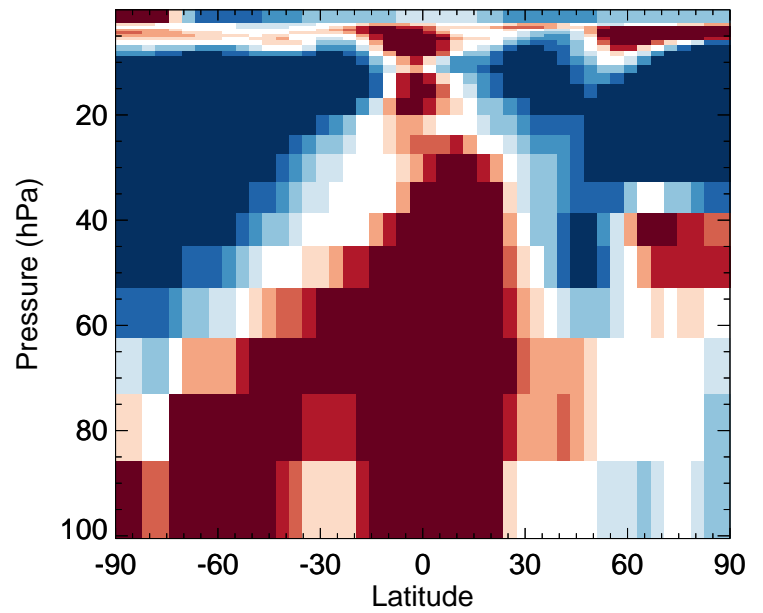
v11-02e-Run1 - v11-02d-Run1

BrNO<sub>2</sub> - Strat zonal mean abs diff for Jan



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

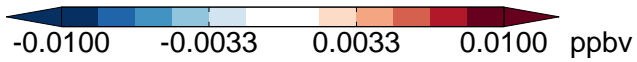
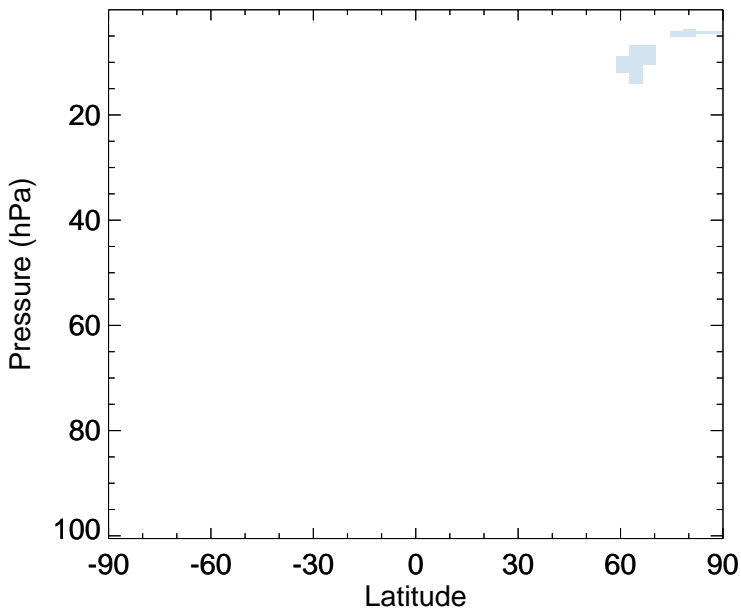
BrNO<sub>2</sub> - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

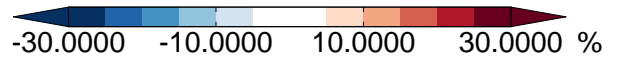
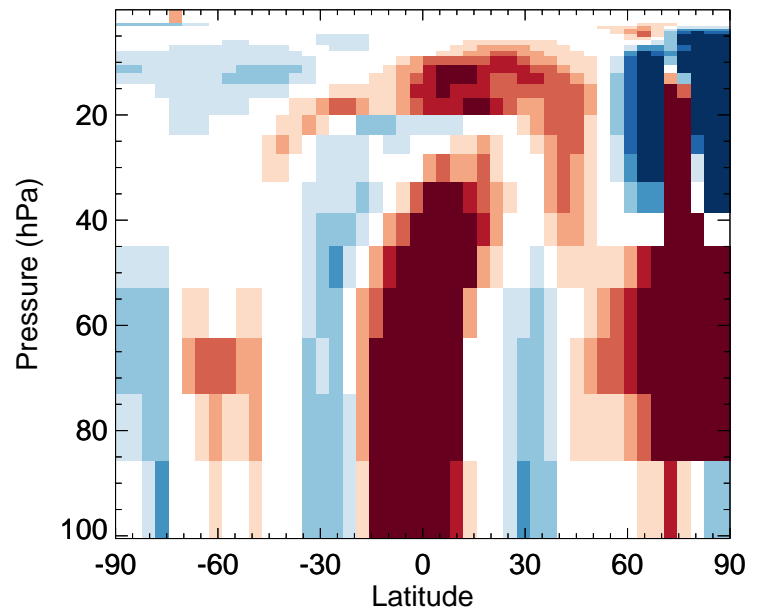
v11-02e-Run1 - v11-02e-Run0

BrNO<sub>3</sub> - Strat zonal mean abs diff for Jan



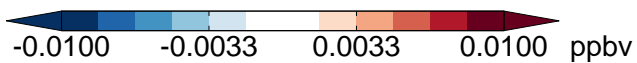
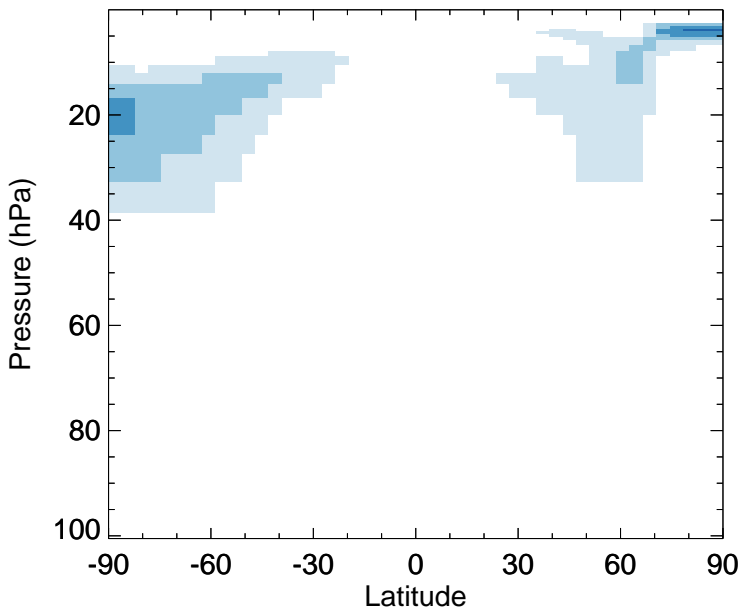
v11-02e-Run1 / v11-02e-Run0

BrNO<sub>3</sub> - Strat zonal mean % diff for Jan



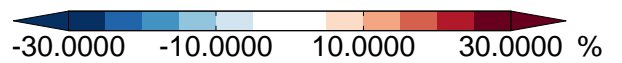
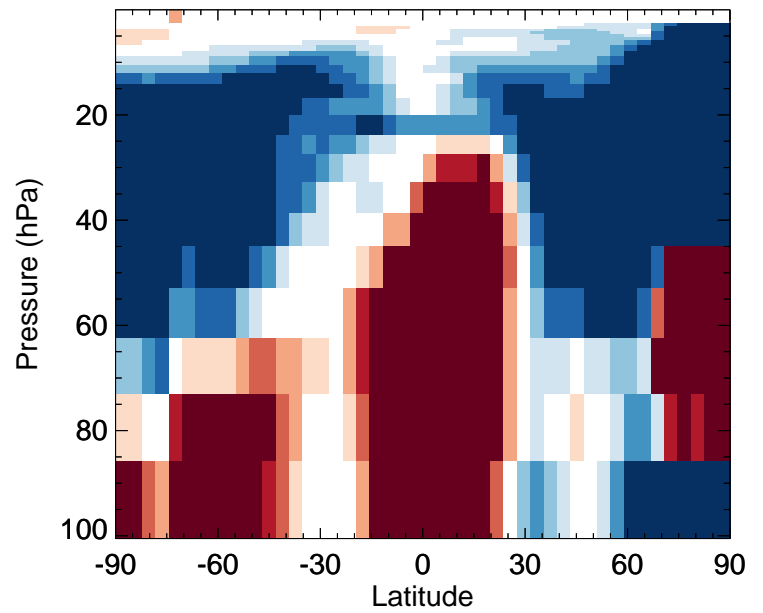
v11-02e-Run1 - v11-02d-Run1

BrNO<sub>3</sub> - Strat zonal mean abs diff for Jan



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

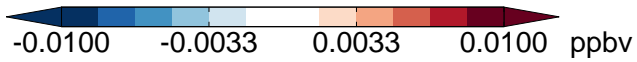
BrNO<sub>3</sub> - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

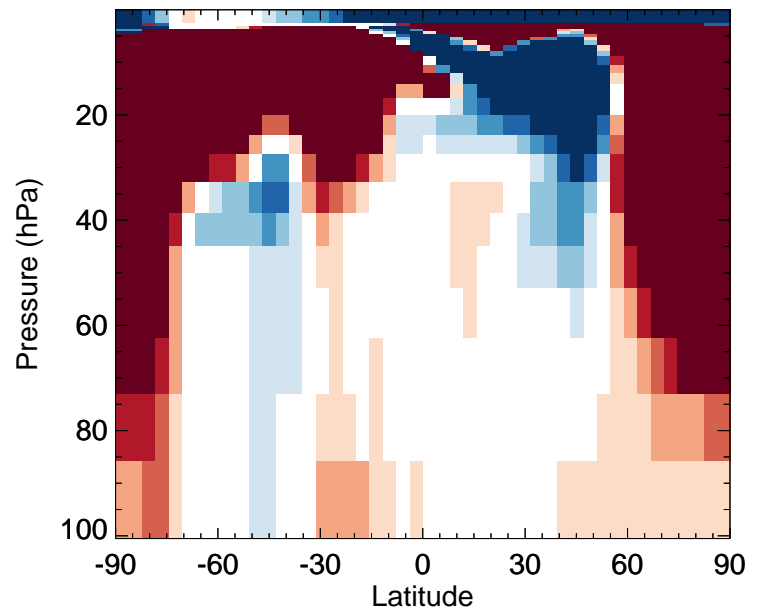
v11-02e-Run1 - v11-02e-Run0

CHBr3 - Strat zonal mean abs diff for Jan



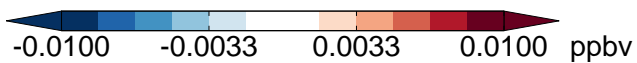
v11-02e-Run1 / v11-02e-Run0

CHBr3 - Strat zonal mean % diff for Jan



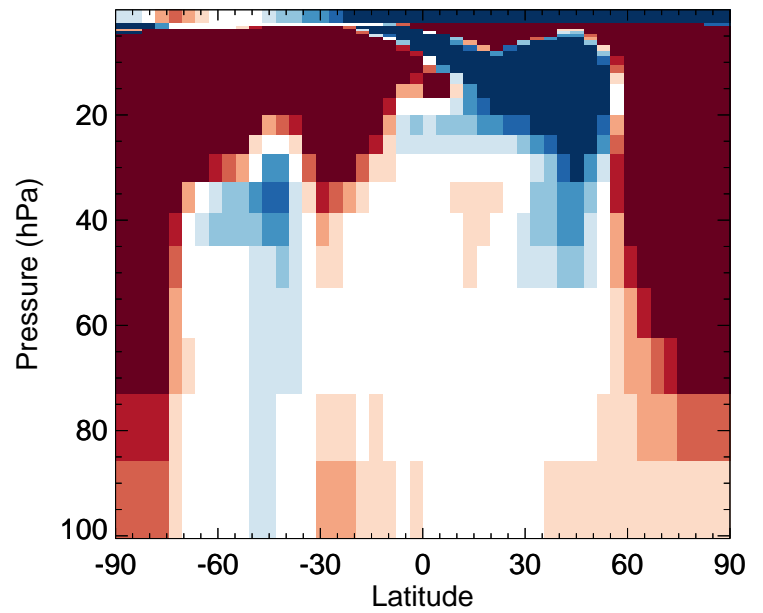
v11-02e-Run1 - v11-02d-Run1

CHBr3 - Strat zonal mean abs diff for Jan



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

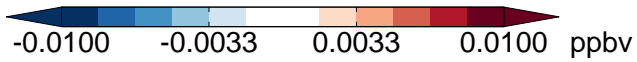
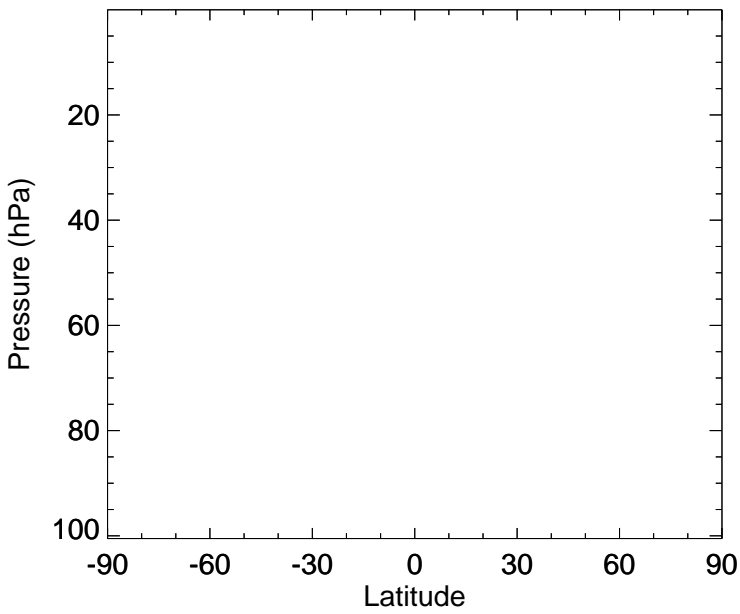
CHBr3 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

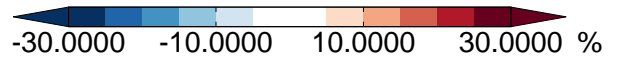
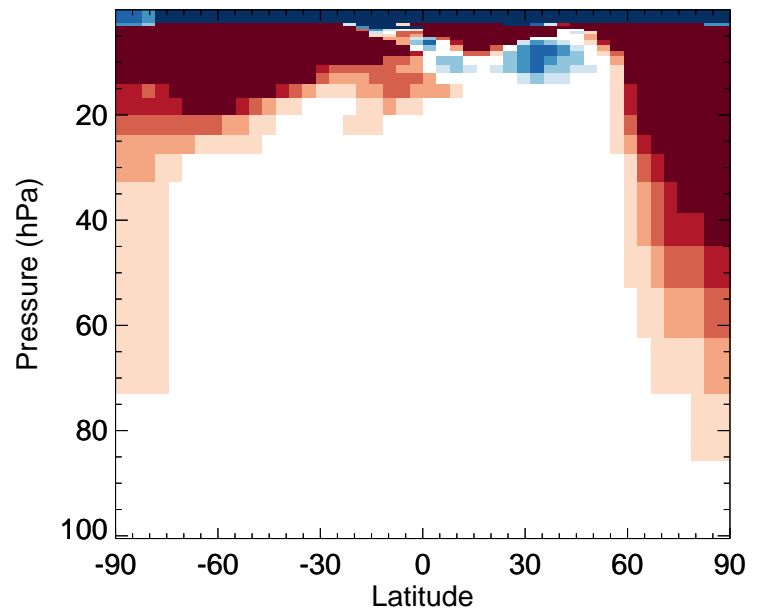
v11-02e-Run1 - v11-02e-Run0

CH2Br2 - Strat zonal mean abs diff for Jan



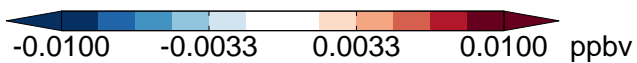
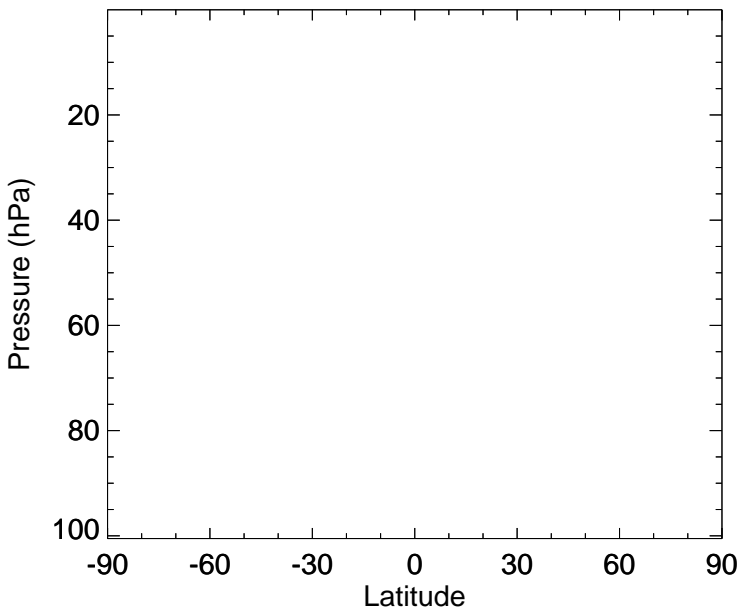
v11-02e-Run1 / v11-02e-Run0

CH2Br2 - Strat zonal mean % diff for Jan



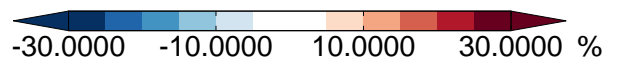
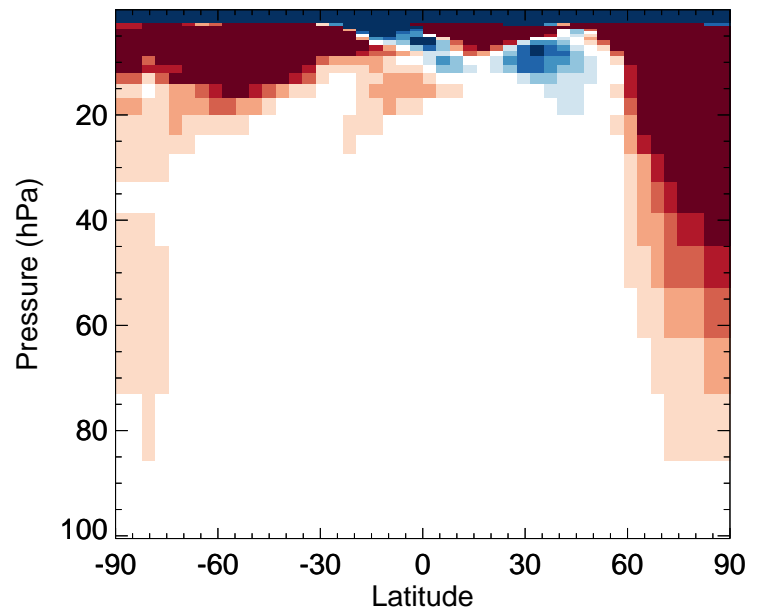
v11-02e-Run1 - v11-02d-Run1

CH2Br2 - Strat zonal mean abs diff for Jan



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

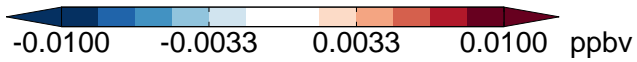
CH2Br2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

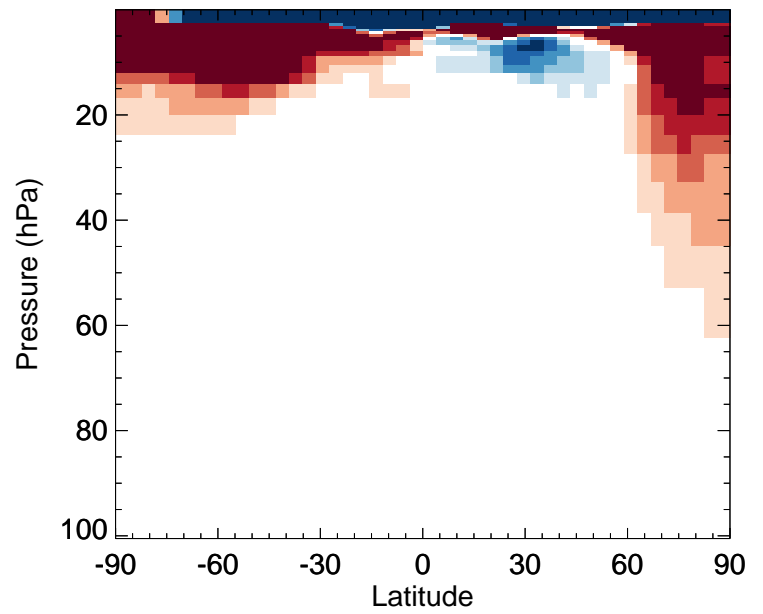
v11-02e-Run1 - v11-02e-Run0

CH3Br - Strat zonal mean abs diff for Jan



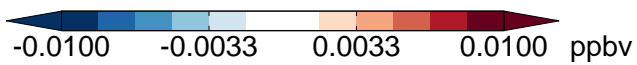
v11-02e-Run1 / v11-02e-Run0

CH3Br - Strat zonal mean % diff for Jan



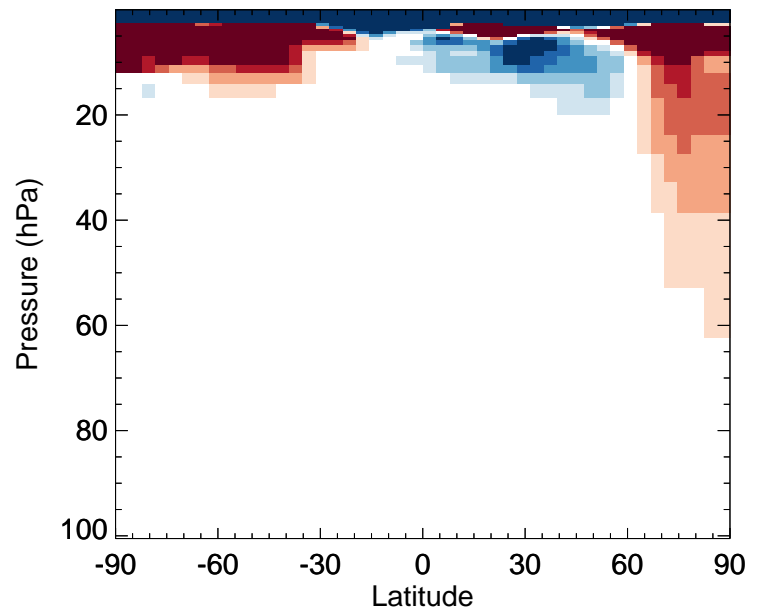
v11-02e-Run1 - v11-02d-Run1

CH3Br - Strat zonal mean abs diff for Jan



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

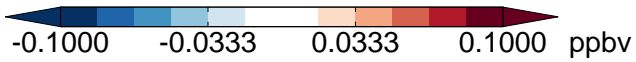
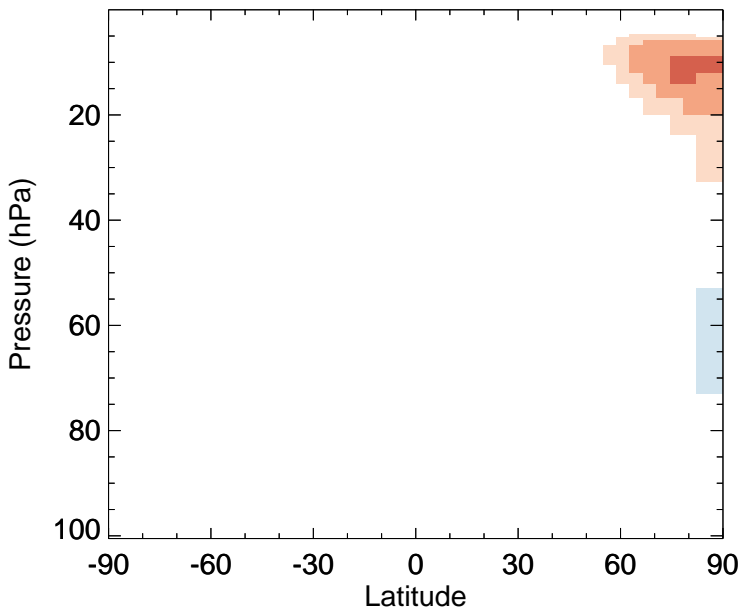
CH3Br - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

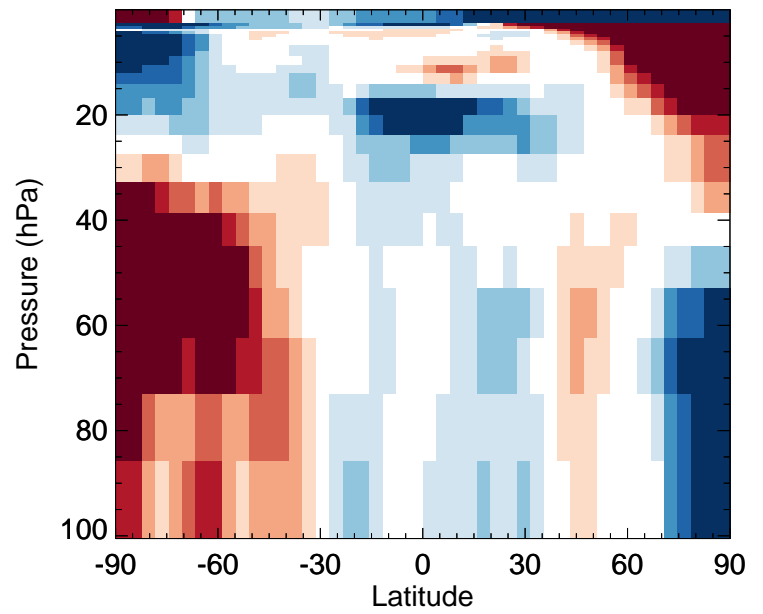
v11-02e-Run1 - v11-02e-Run0

MPN - Strat zonal mean abs diff for Jan



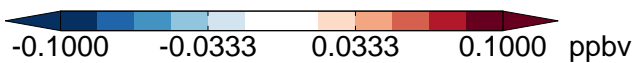
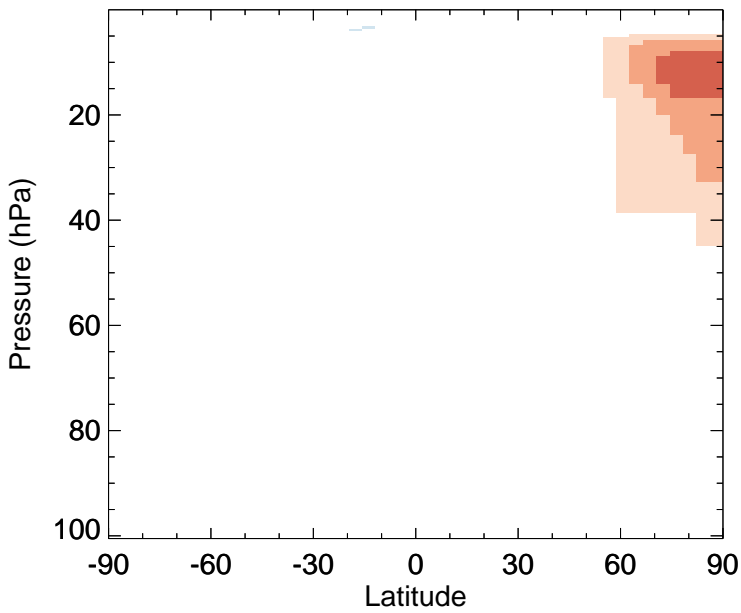
v11-02e-Run1 / v11-02e-Run0

MPN - Strat zonal mean % diff for Jan



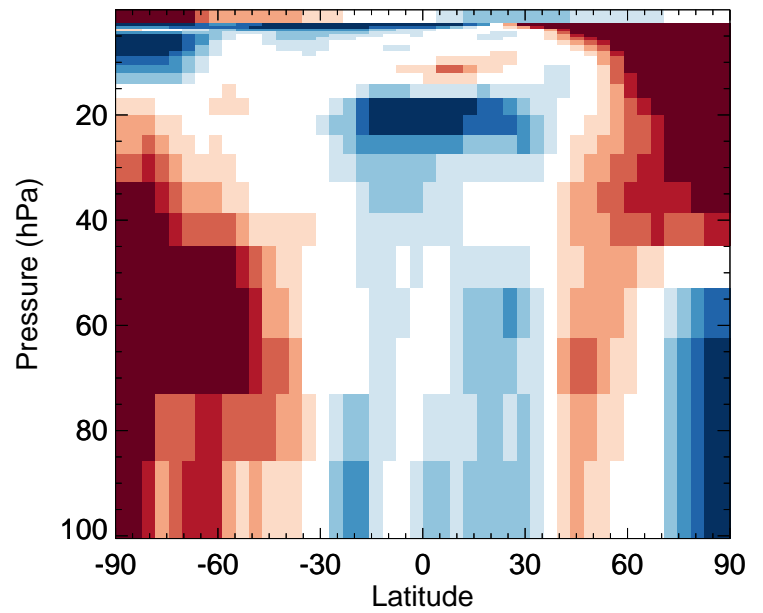
v11-02e-Run1 - v11-02d-Run1

MPN - Strat zonal mean abs diff for Jan



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

MPN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

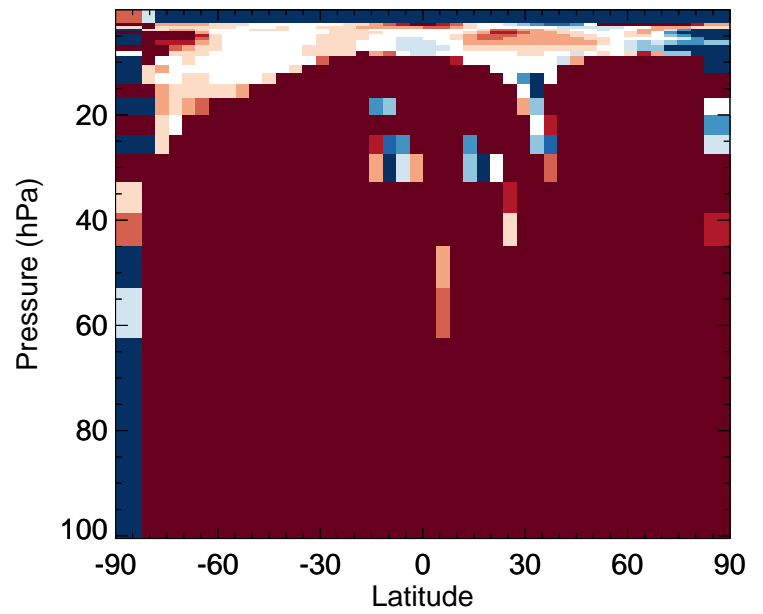
v11-02e-Run1 - v11-02e-Run0

ISOPND - Strat zonal mean abs diff for Jan



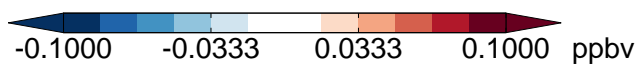
v11-02e-Run1 / v11-02e-Run0

ISOPND - Strat zonal mean % diff for Jan



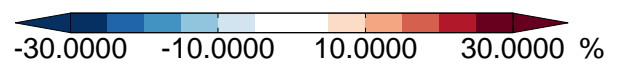
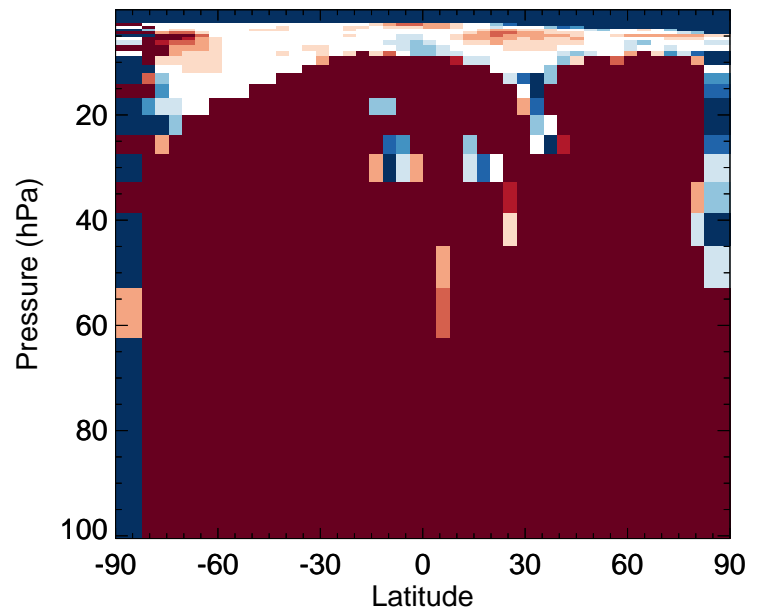
v11-02e-Run1 - v11-02d-Run1

ISOPND - Strat zonal mean abs diff for Jan



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

ISOPND - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

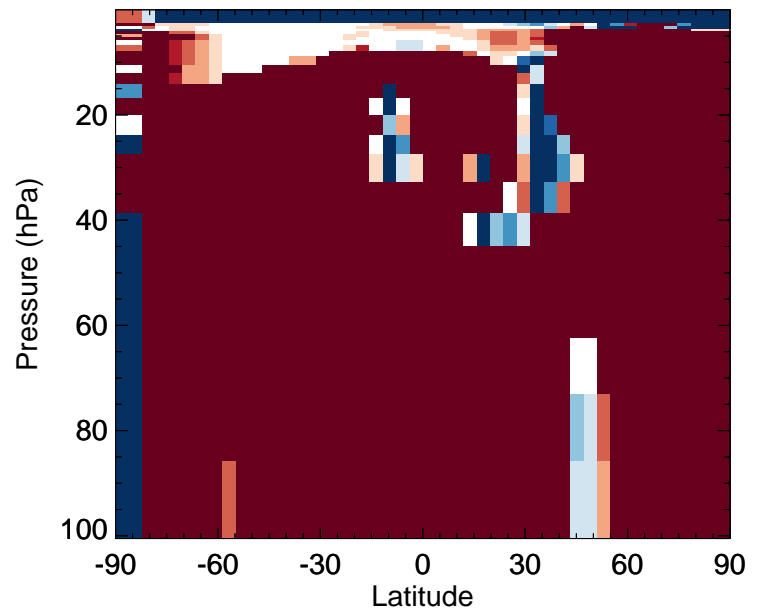
v11-02e-Run1 - v11-02e-Run0

ISOPNB - Strat zonal mean abs diff for Jan



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

ISOPNB - Strat zonal mean % diff for Jan



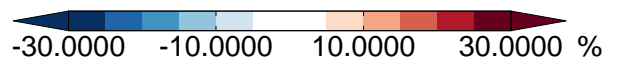
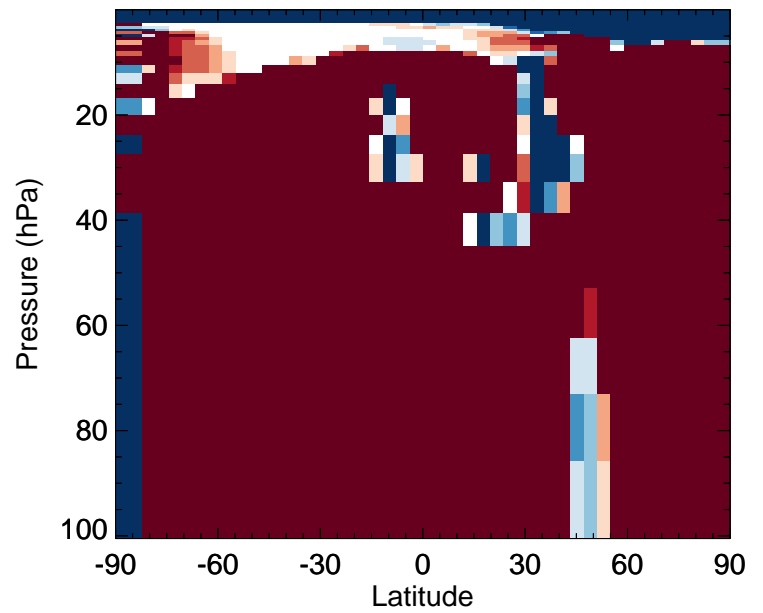
v11-02e-Run1 - v11-02d-Run1

ISOPNB - Strat zonal mean abs diff for Jan



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

ISOPNB - Strat zonal mean % diff for Jan

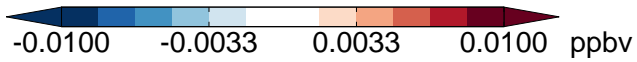




# GEOS-Chem Stratospheric Zonal Difference Maps

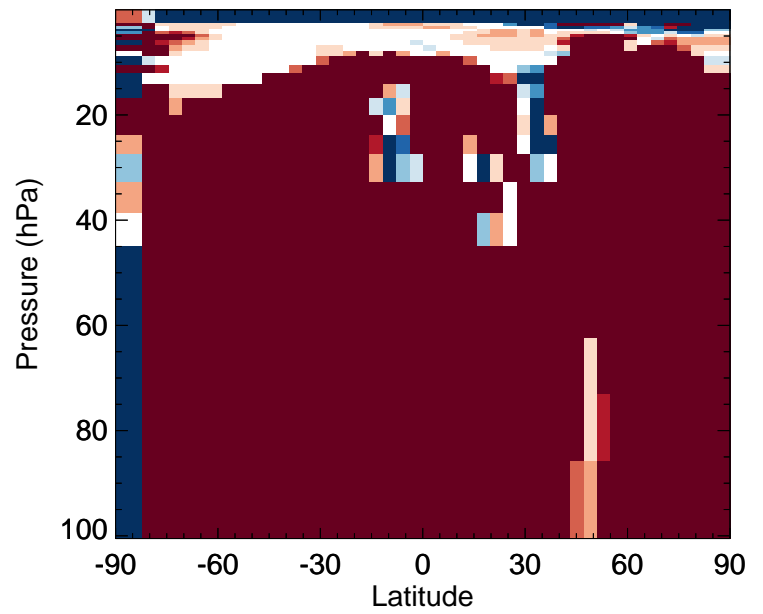
v11-02e-Run1 - v11-02e-Run0

MOBA - Strat zonal mean abs diff for Jan



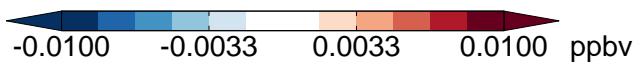
v11-02e-Run1 / v11-02e-Run0

MOBA - Strat zonal mean % diff for Jan



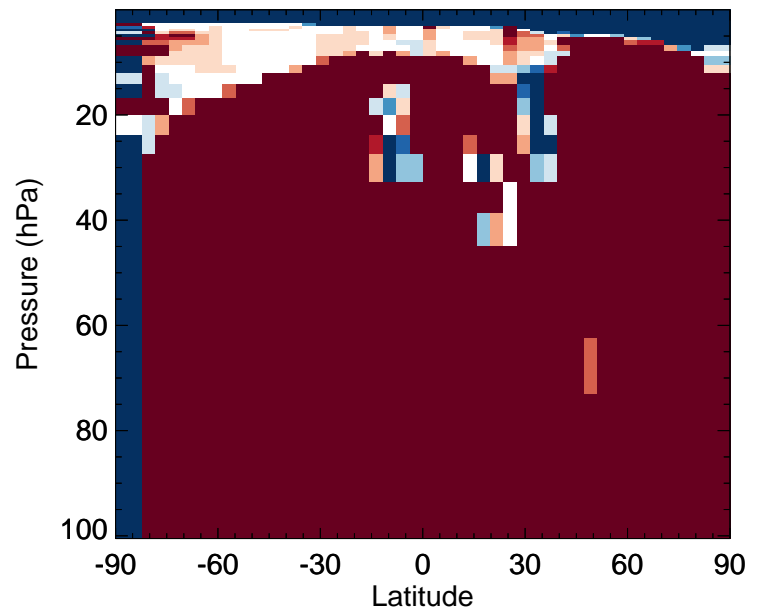
v11-02e-Run1 - v11-02d-Run1

MOBA - Strat zonal mean abs diff for Jan



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

MOBA - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

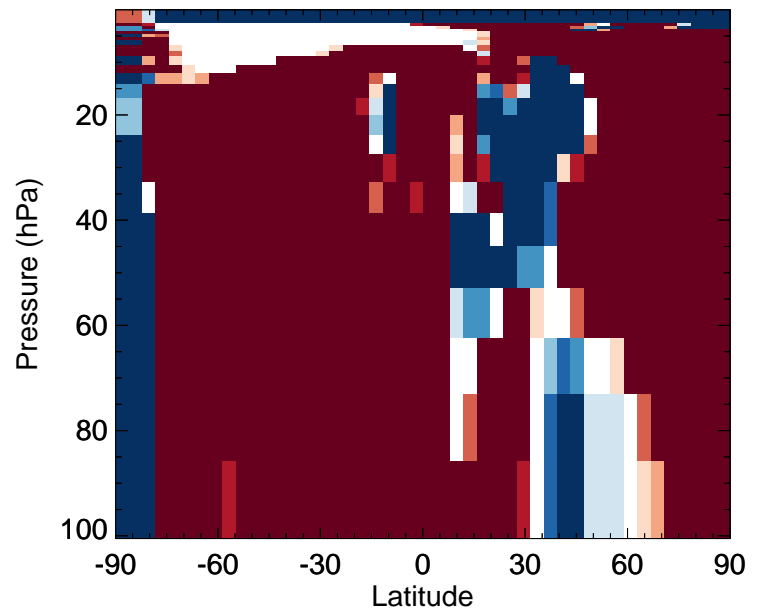
v11-02e-Run1 - v11-02e-Run0

PROPNN - Strat zonal mean abs diff for Jan



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

PROPNN - Strat zonal mean % diff for Jan



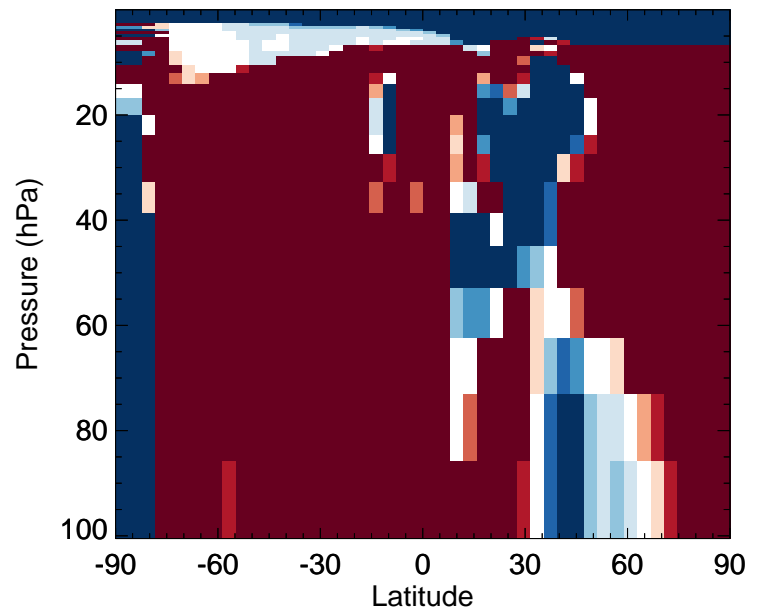
v11-02e-Run1 - v11-02d-Run1

PROPNN - Strat zonal mean abs diff for Jan



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

PROPNN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

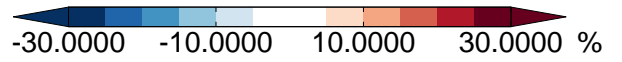
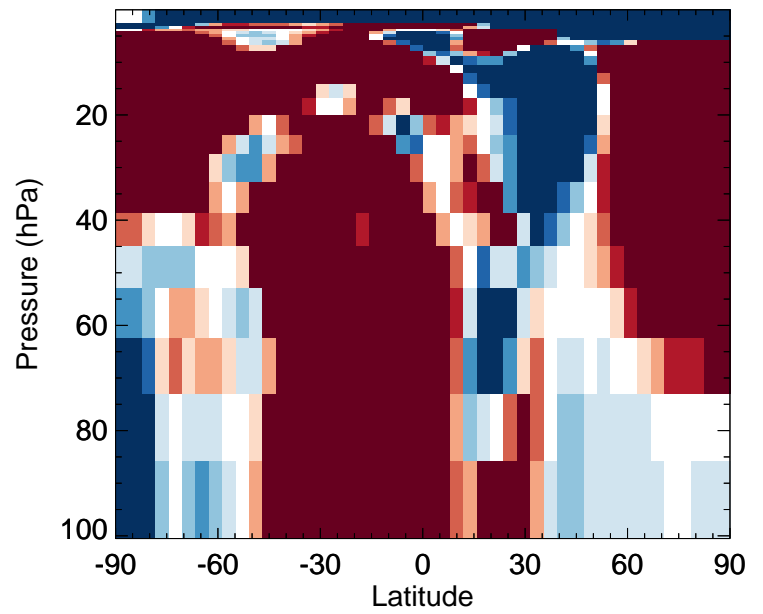
v11-02e-Run1 - v11-02e-Run0

HAC - Strat zonal mean abs diff for Jan



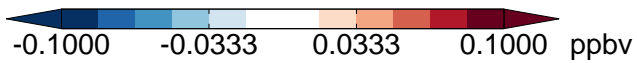
v11-02e-Run1 / v11-02e-Run0

HAC - Strat zonal mean % diff for Jan



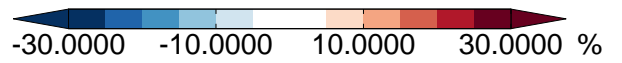
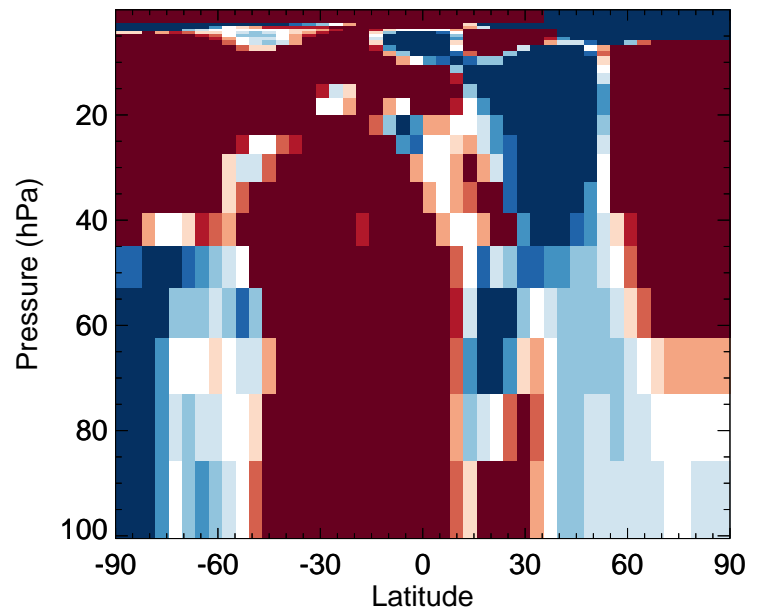
v11-02e-Run1 - v11-02d-Run1

HAC - Strat zonal mean abs diff for Jan



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

HAC - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

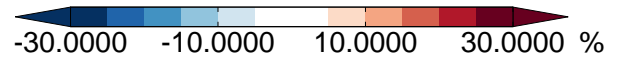
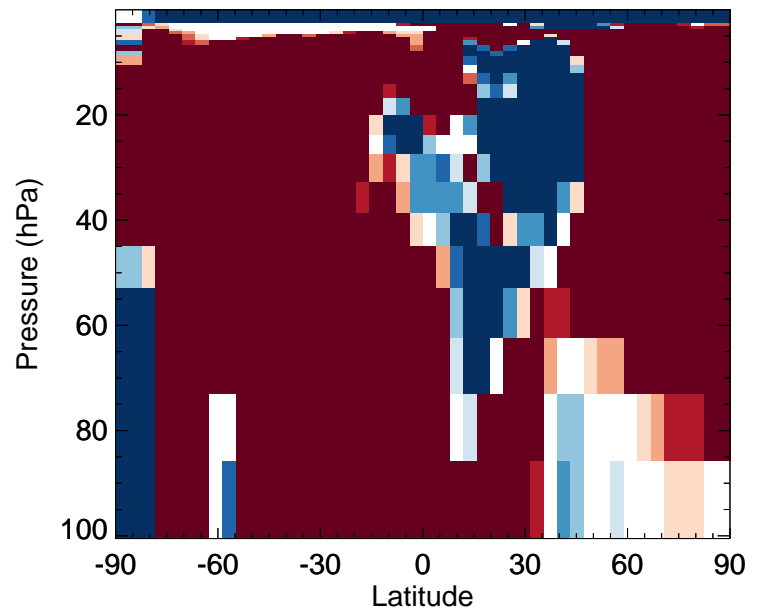
v11-02e-Run1 - v11-02e-Run0

GLYC - Strat zonal mean abs diff for Jan



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

GLYC - Strat zonal mean % diff for Jan



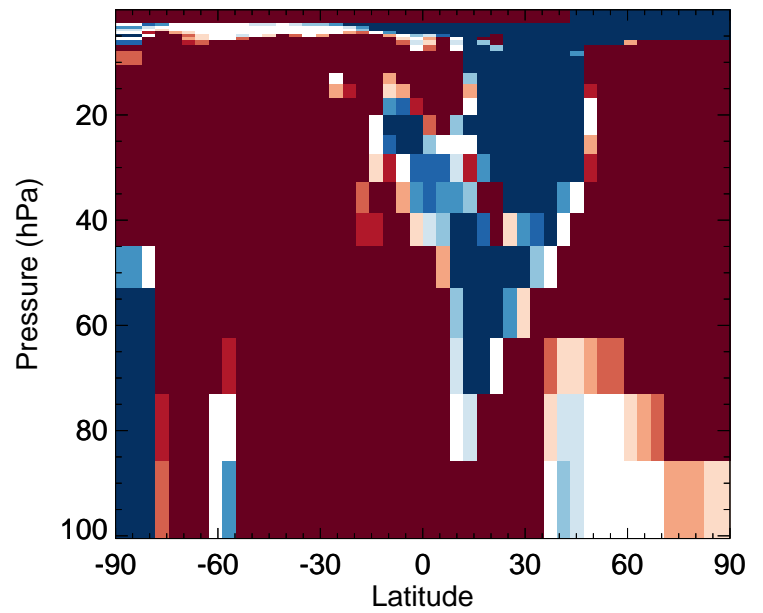
v11-02e-Run1 - v11-02d-Run1

GLYC - Strat zonal mean abs diff for Jan



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

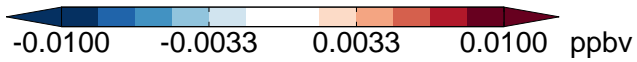
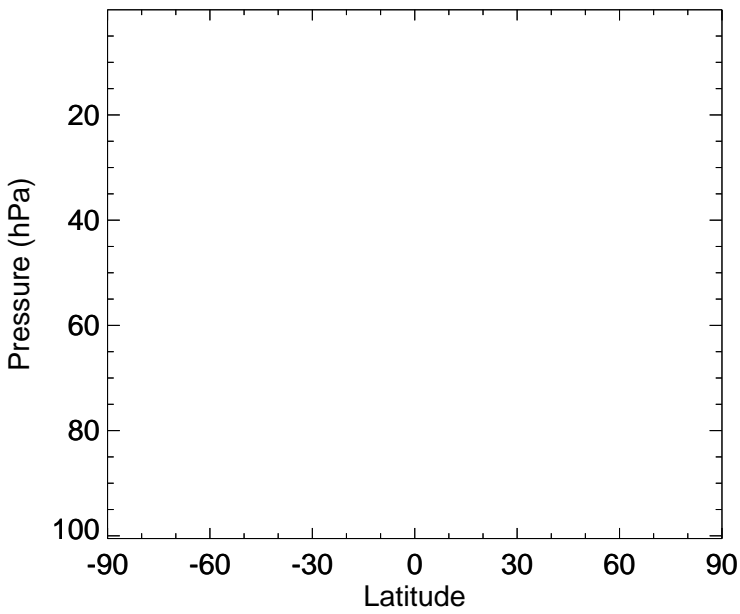
GLYC - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

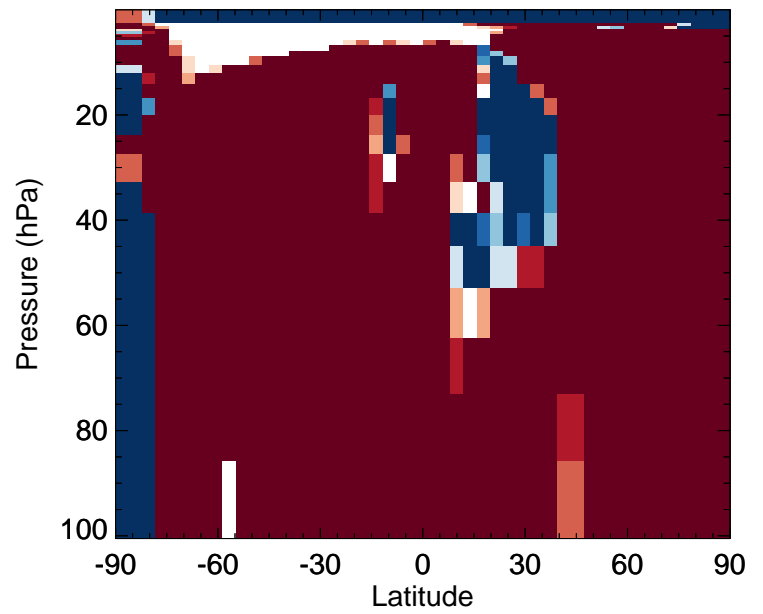
v11-02e-Run1 - v11-02e-Run0

MVKN - Strat zonal mean abs diff for Jan



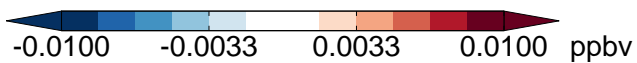
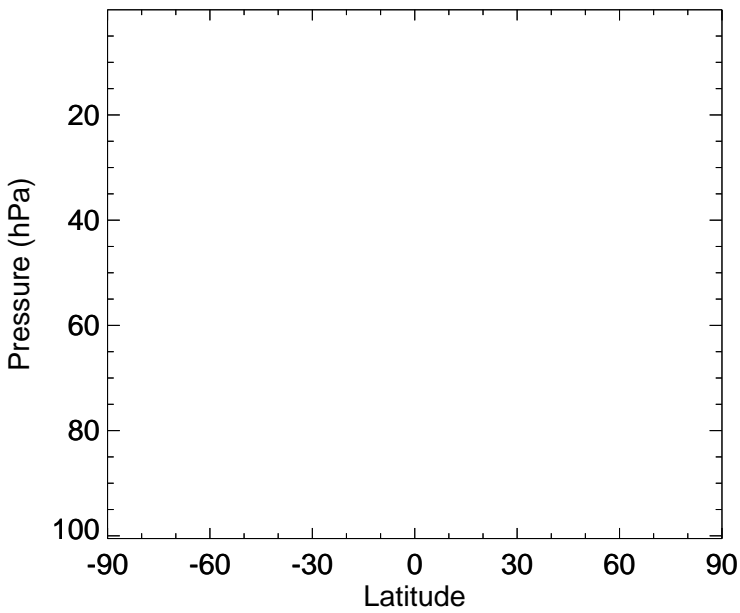
v11-02e-Run1 / v11-02e-Run0

MVKN - Strat zonal mean % diff for Jan



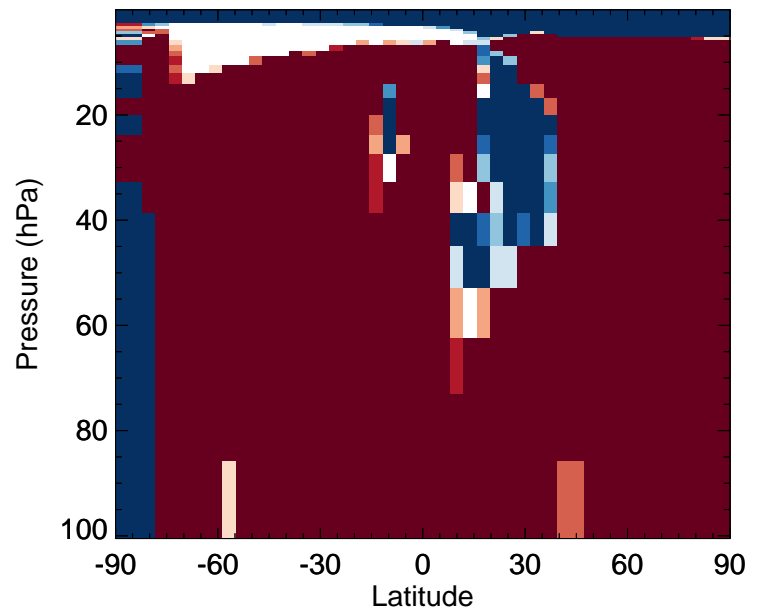
v11-02e-Run1 - v11-02d-Run1

MVKN - Strat zonal mean abs diff for Jan



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

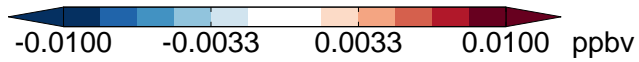
MVKN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

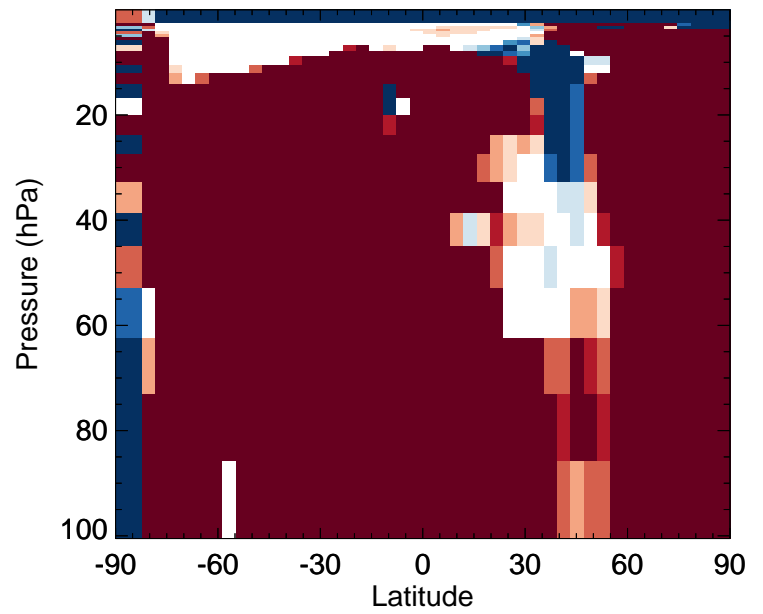
v11-02e-Run1 - v11-02e-Run0

MACRN - Strat zonal mean abs diff for Jan



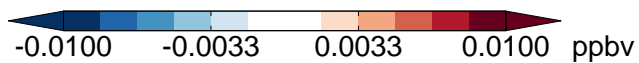
v11-02e-Run1 / v11-02e-Run0

MACRN - Strat zonal mean % diff for Jan



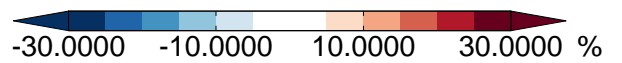
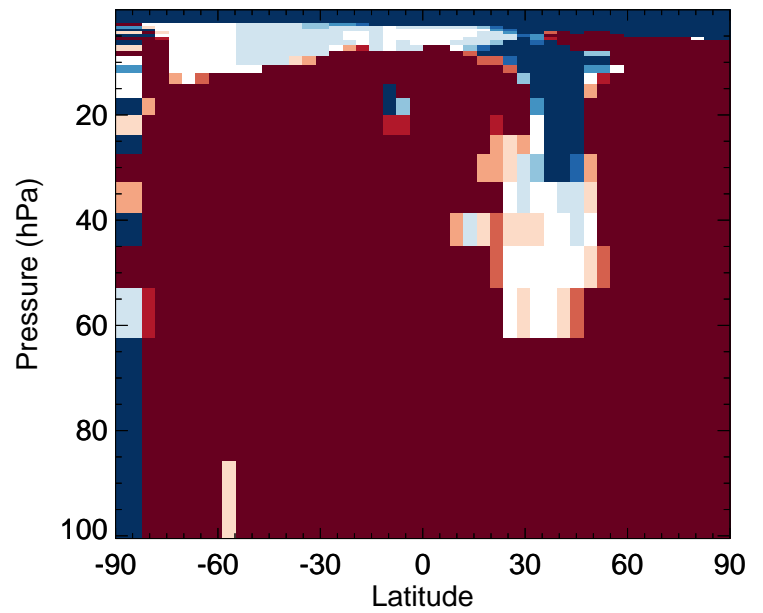
v11-02e-Run1 - v11-02d-Run1

MACRN - Strat zonal mean abs diff for Jan



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

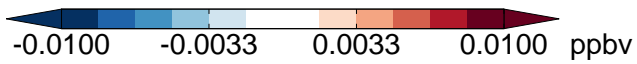
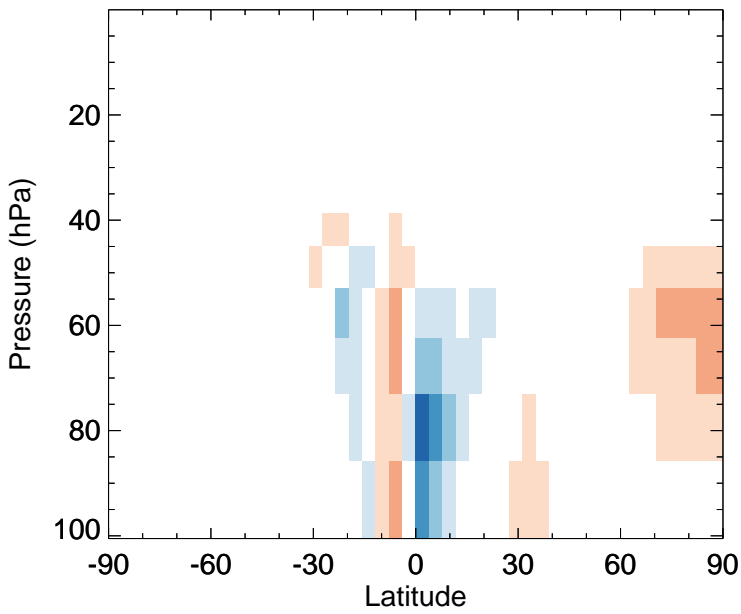
MACRN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

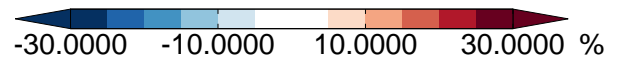
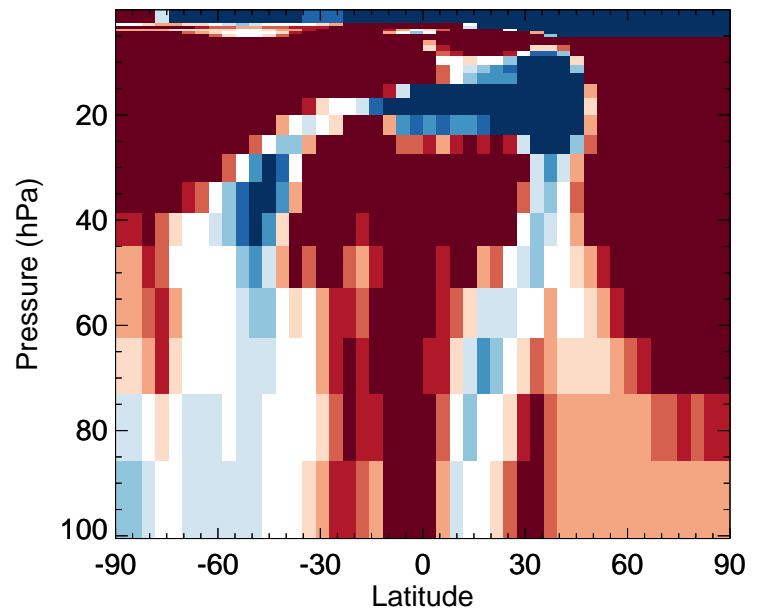
v11-02e-Run1 - v11-02e-Run0

MAP - Strat zonal mean abs diff for Jan



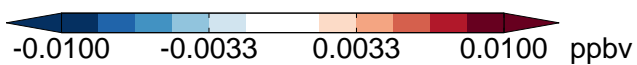
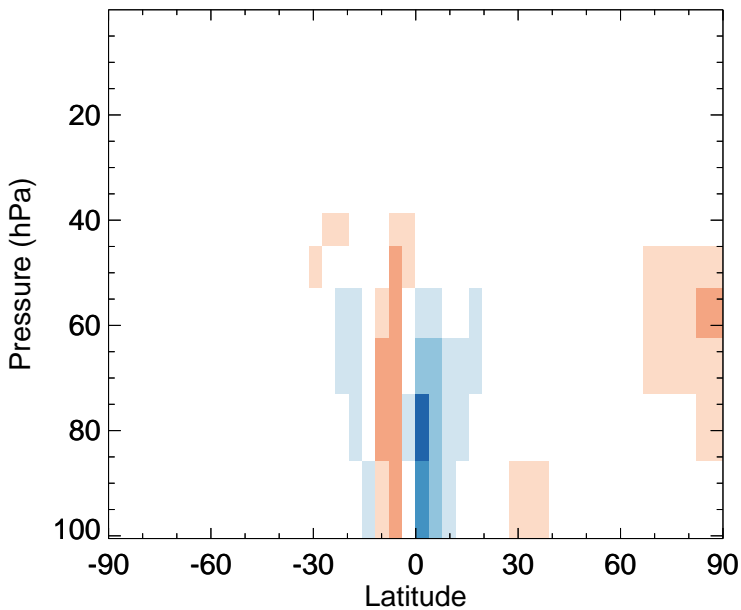
v11-02e-Run1 / v11-02e-Run0

MAP - Strat zonal mean % diff for Jan



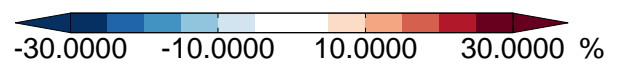
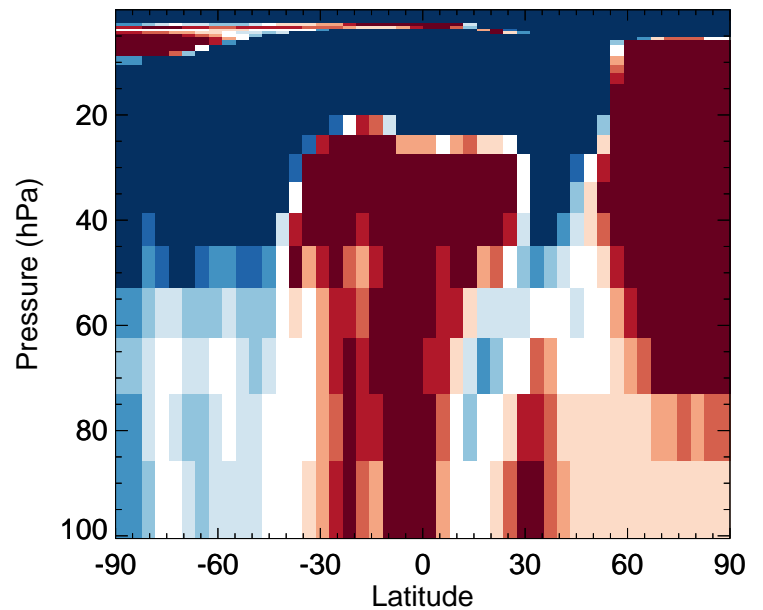
v11-02e-Run1 - v11-02d-Run1

MAP - Strat zonal mean abs diff for Jan



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

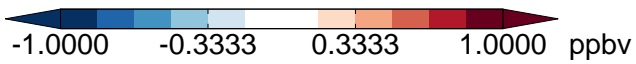
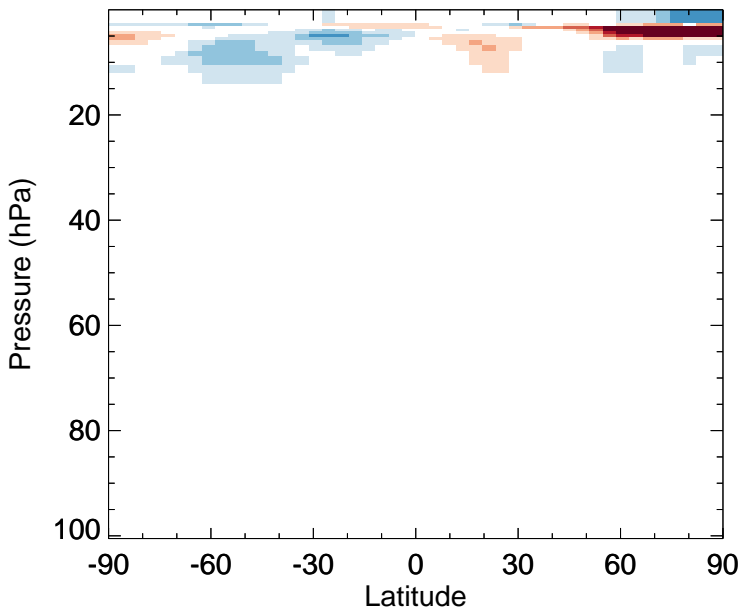
MAP - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

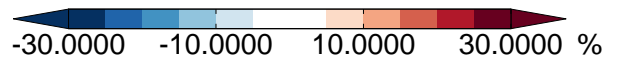
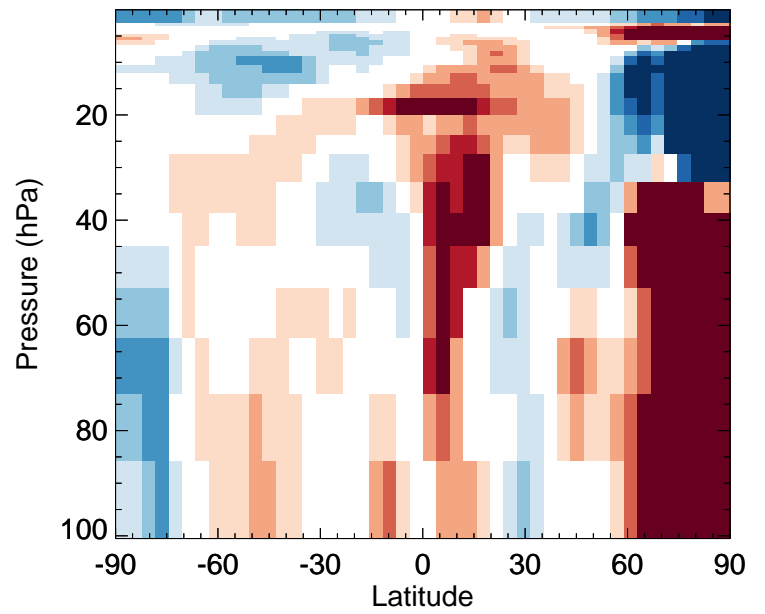
v11-02e-Run1 - v11-02e-Run0

NO2 - Strat zonal mean abs diff for Jan



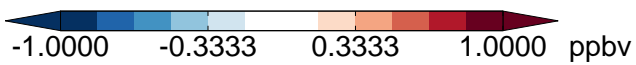
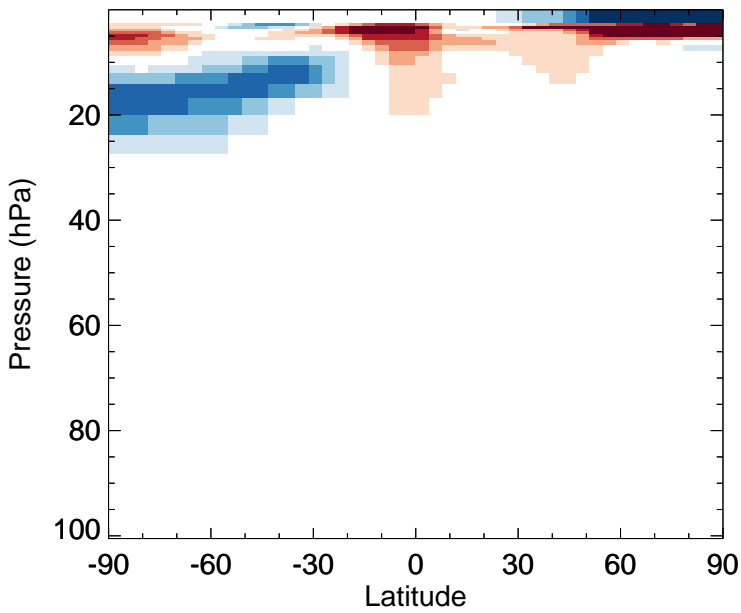
v11-02e-Run1 / v11-02e-Run0

NO2 - Strat zonal mean % diff for Jan



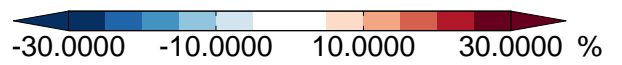
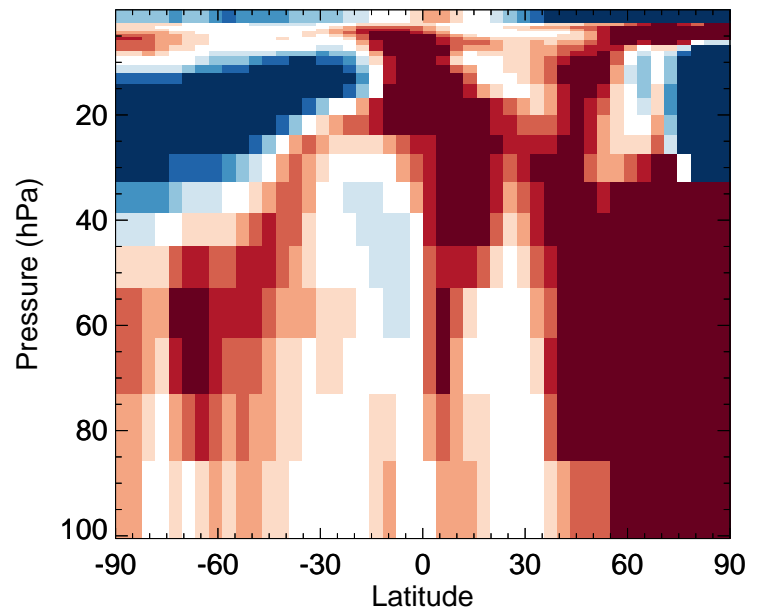
v11-02e-Run1 - v11-02d-Run1

NO2 - Strat zonal mean abs diff for Jan



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

NO2 - Strat zonal mean % diff for Jan

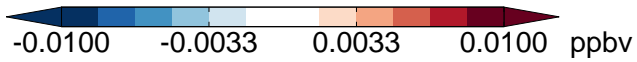
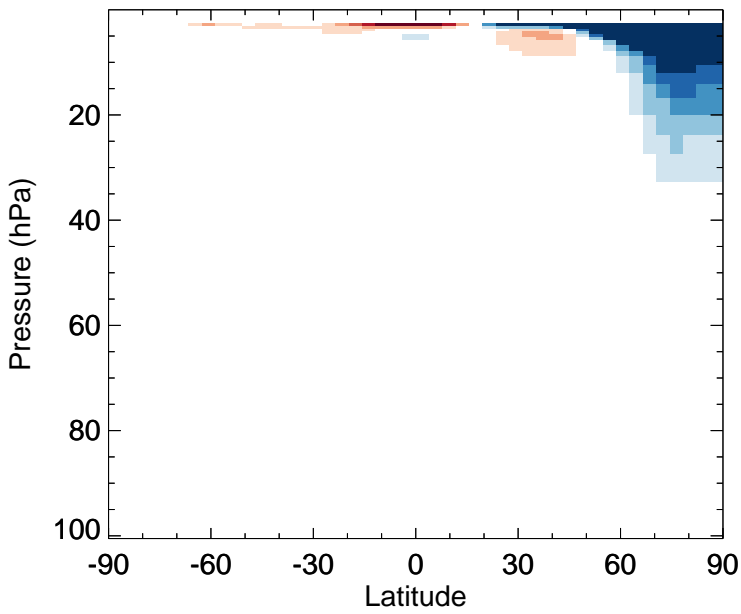




# GEOS-Chem Stratospheric Zonal Difference Maps

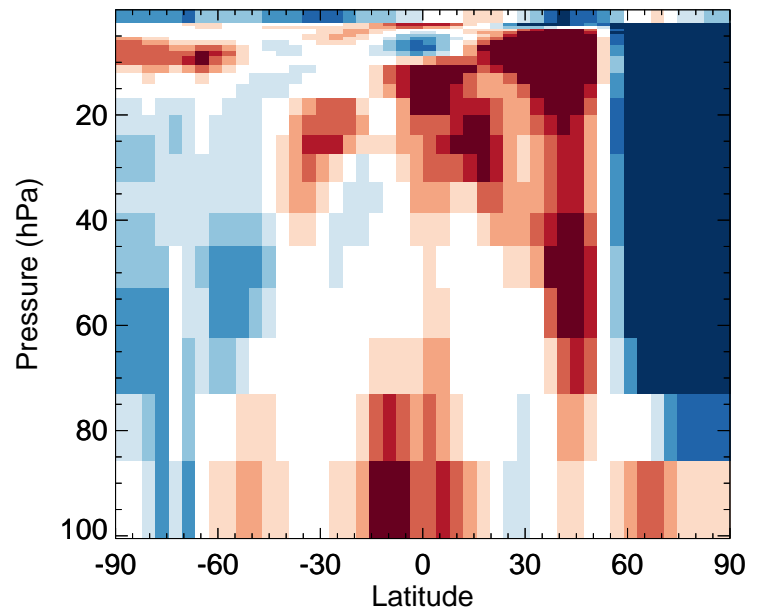
v11-02e-Run1 - v11-02e-Run0

NO<sub>3</sub> - Strat zonal mean abs diff for Jan



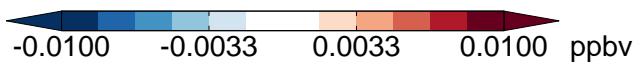
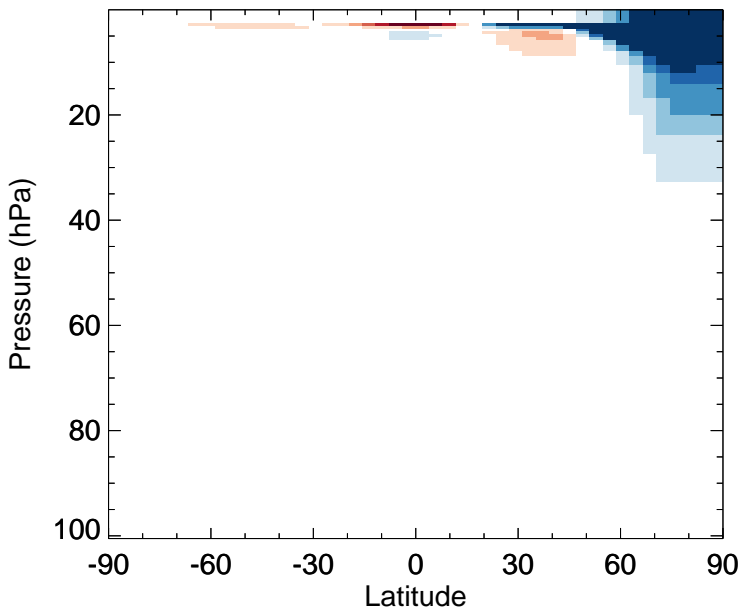
v11-02e-Run1 / v11-02e-Run0

NO<sub>3</sub> - Strat zonal mean % diff for Jan



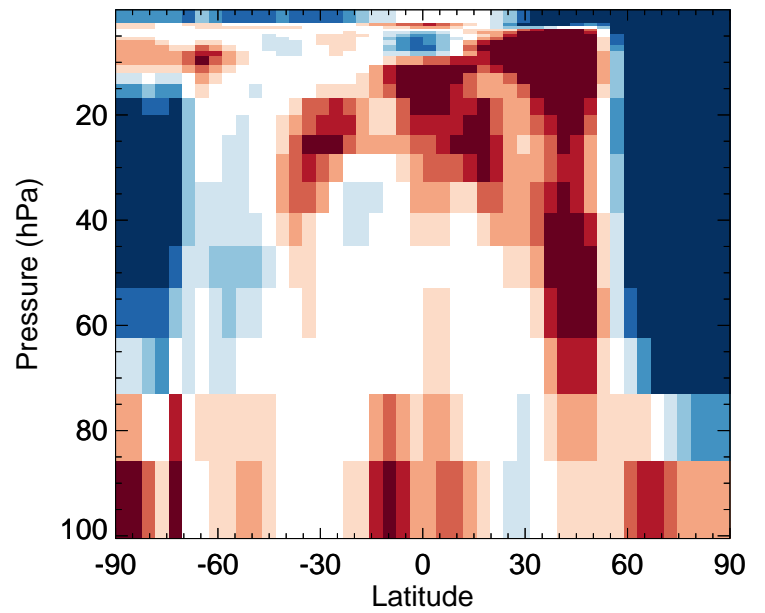
v11-02e-Run1 - v11-02d-Run1

NO<sub>3</sub> - Strat zonal mean abs diff for Jan



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

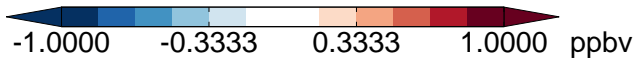
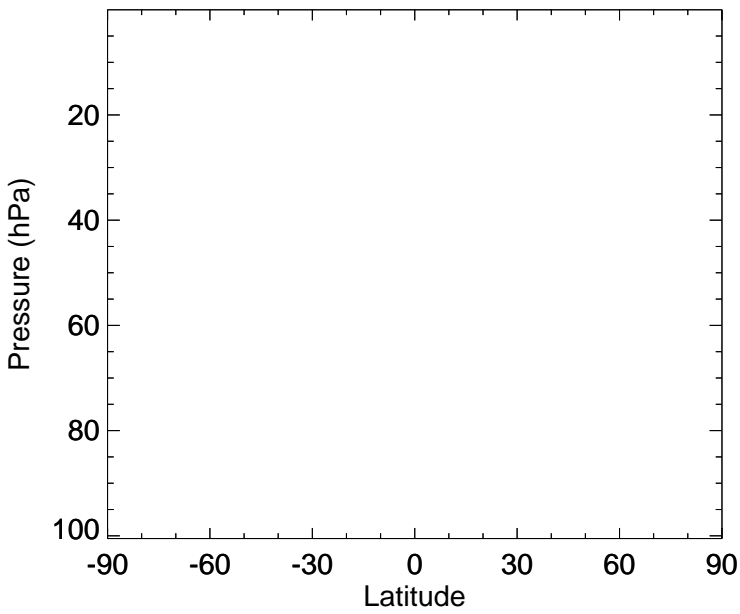
NO<sub>3</sub> - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

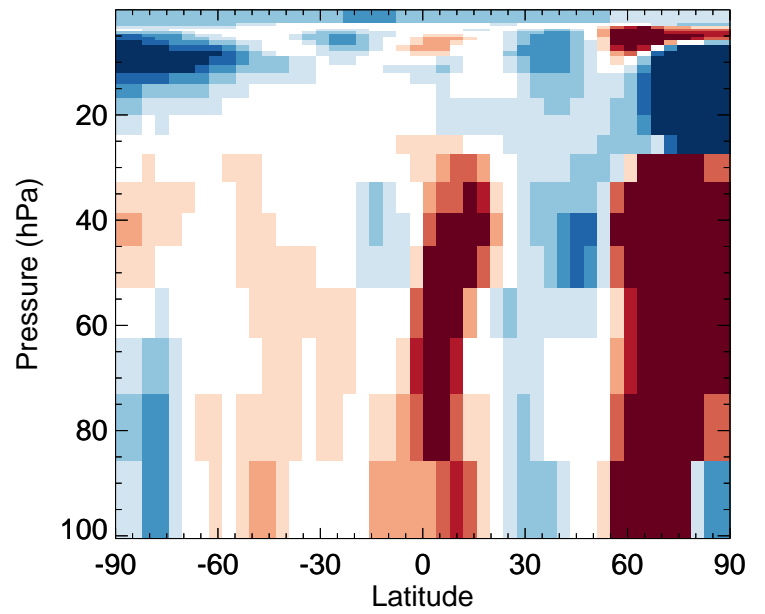
v11-02e-Run1 - v11-02e-Run0

HNO<sub>2</sub> - Strat zonal mean abs diff for Jan



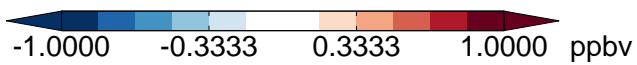
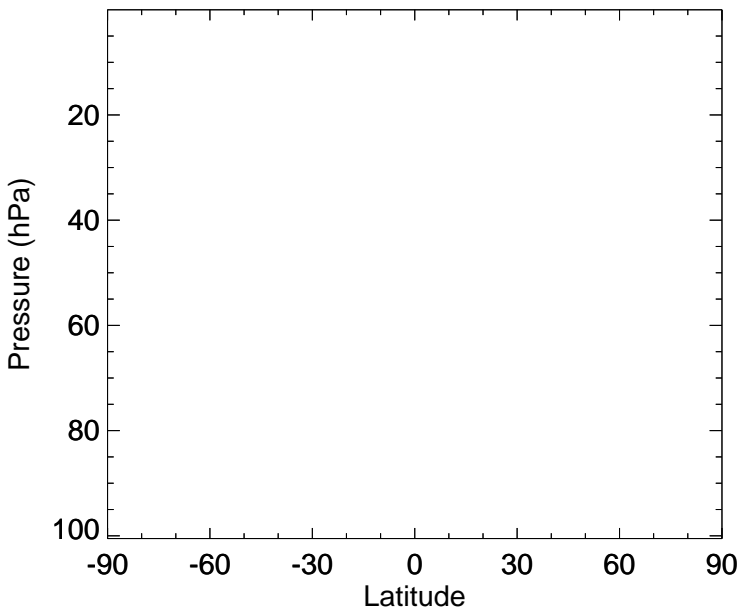
v11-02e-Run1 / v11-02e-Run0

HNO<sub>2</sub> - Strat zonal mean % diff for Jan



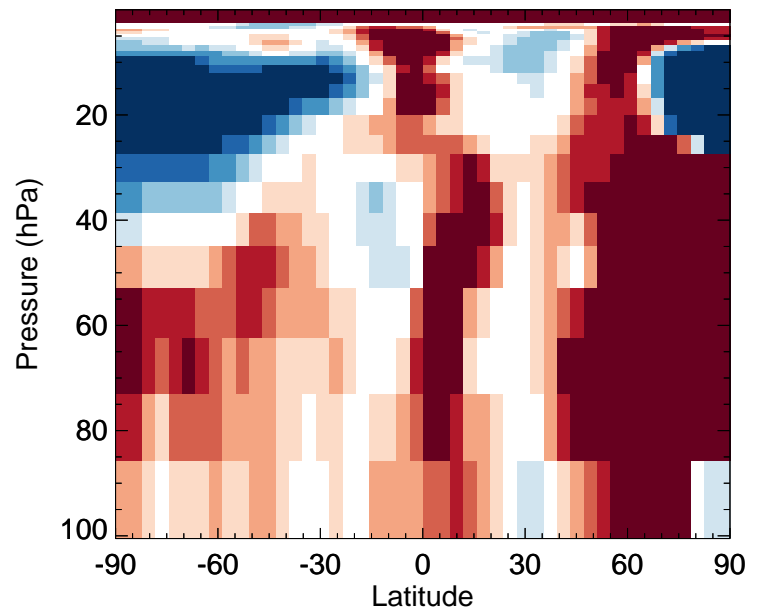
v11-02e-Run1 - v11-02d-Run1

HNO<sub>2</sub> - Strat zonal mean abs diff for Jan



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

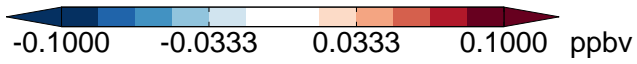
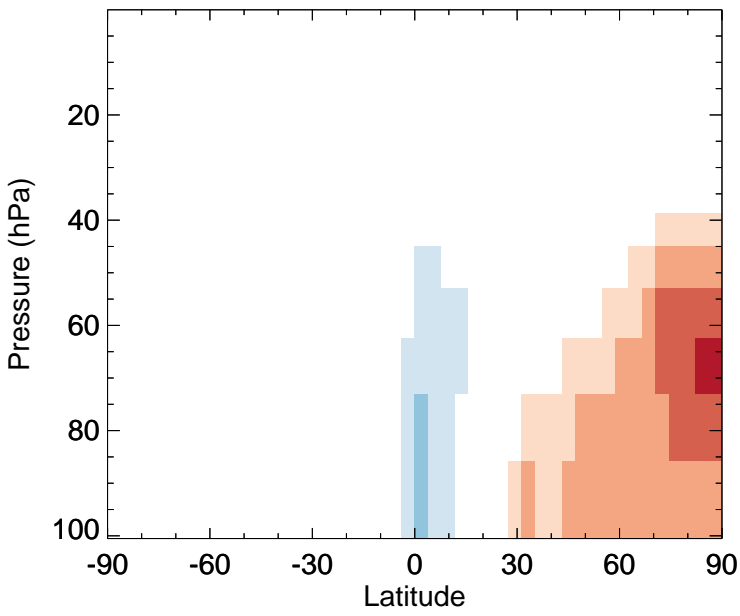
HNO<sub>2</sub> - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

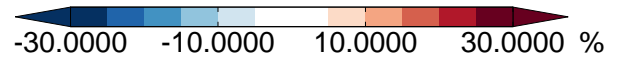
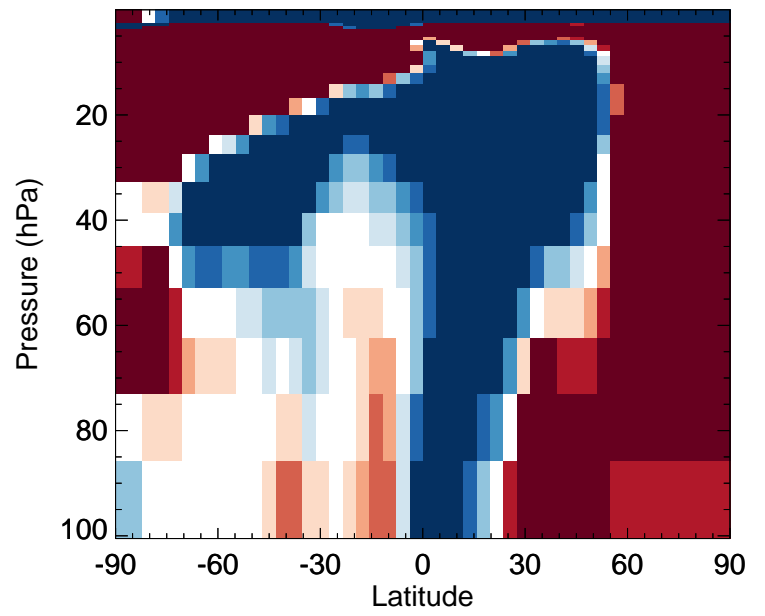
v11-02e-Run1 - v11-02e-Run0

BENZ - Strat zonal mean abs diff for Jan



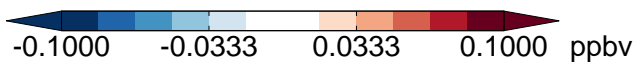
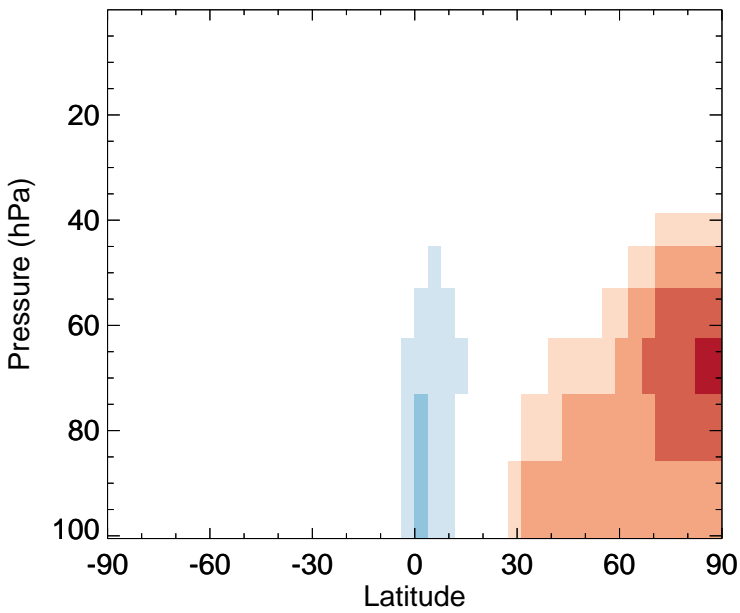
v11-02e-Run1 / v11-02e-Run0

BENZ - Strat zonal mean % diff for Jan



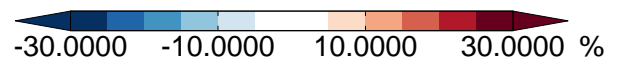
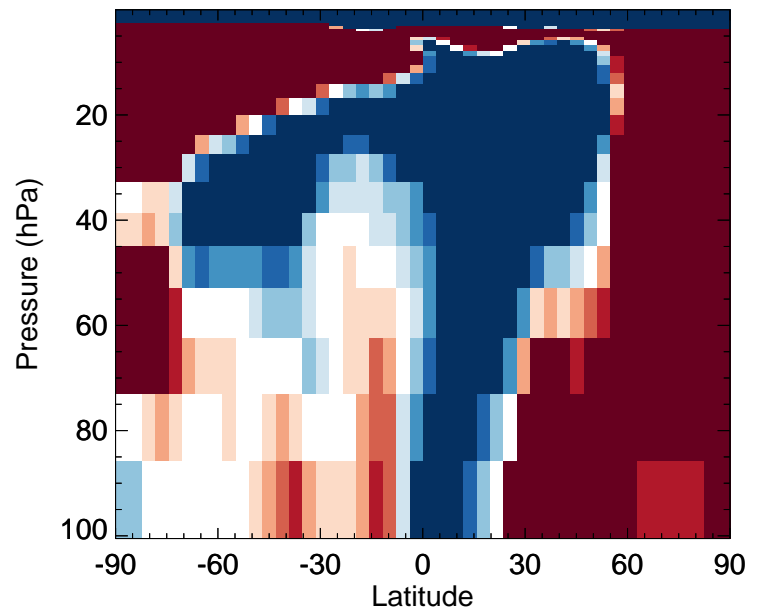
v11-02e-Run1 - v11-02d-Run1

BENZ - Strat zonal mean abs diff for Jan



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

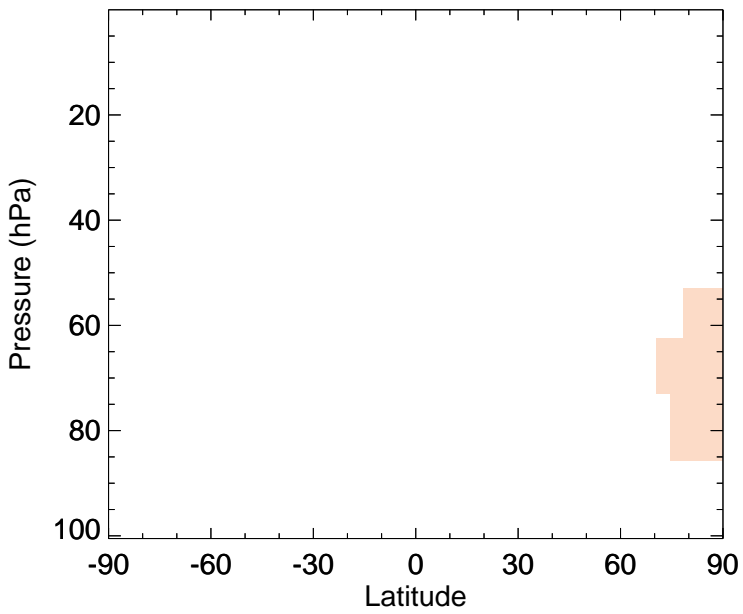
BENZ - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

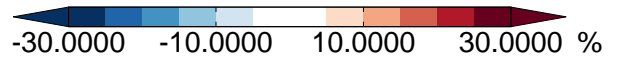
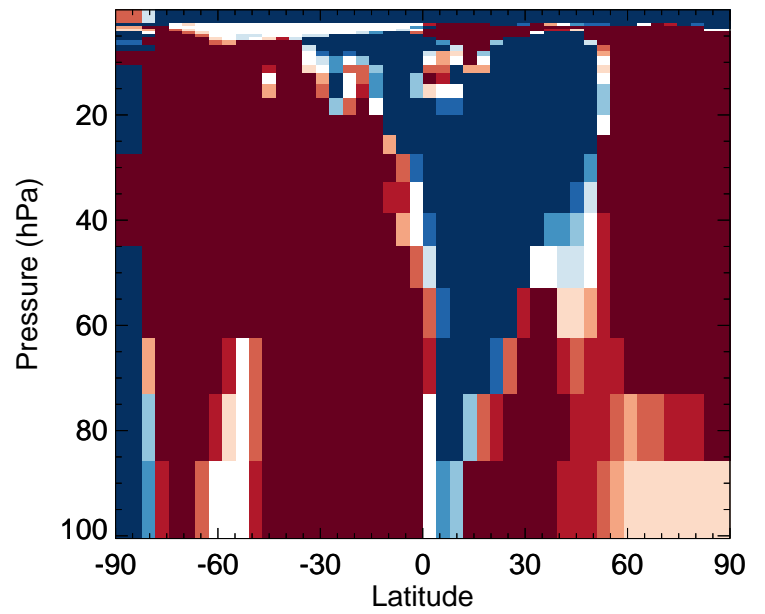
v11-02e-Run1 - v11-02e-Run0

TOLU - Strat zonal mean abs diff for Jan



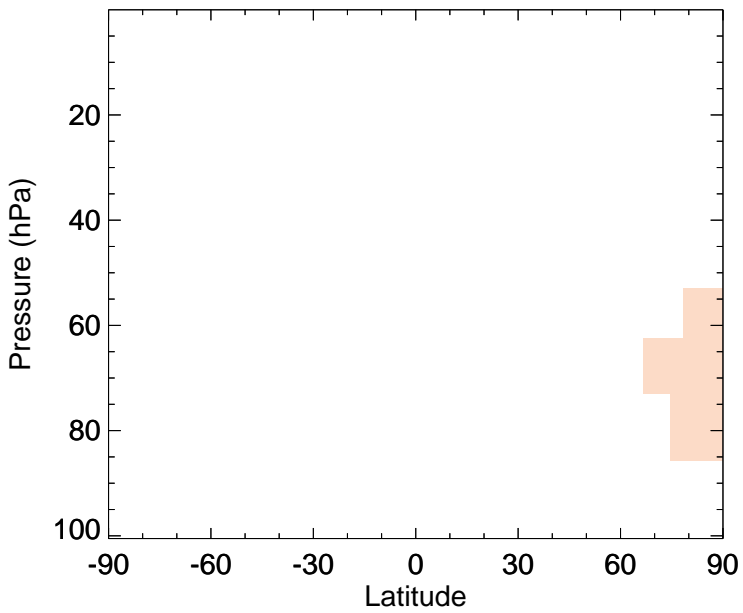
v11-02e-Run1 / v11-02e-Run0

TOLU - Strat zonal mean % diff for Jan



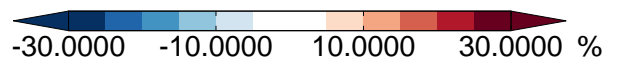
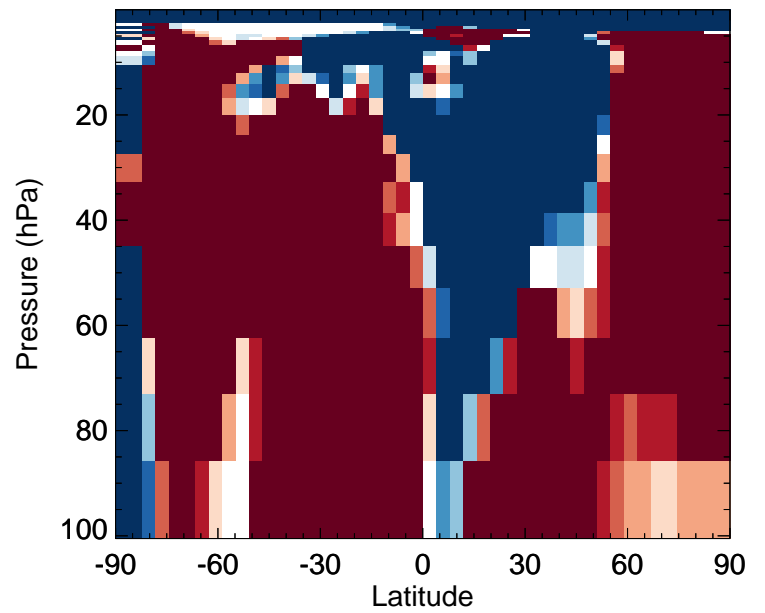
v11-02e-Run1 - v11-02d-Run1

TOLU - Strat zonal mean abs diff for Jan



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

TOLU - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

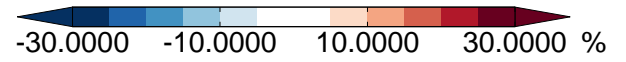
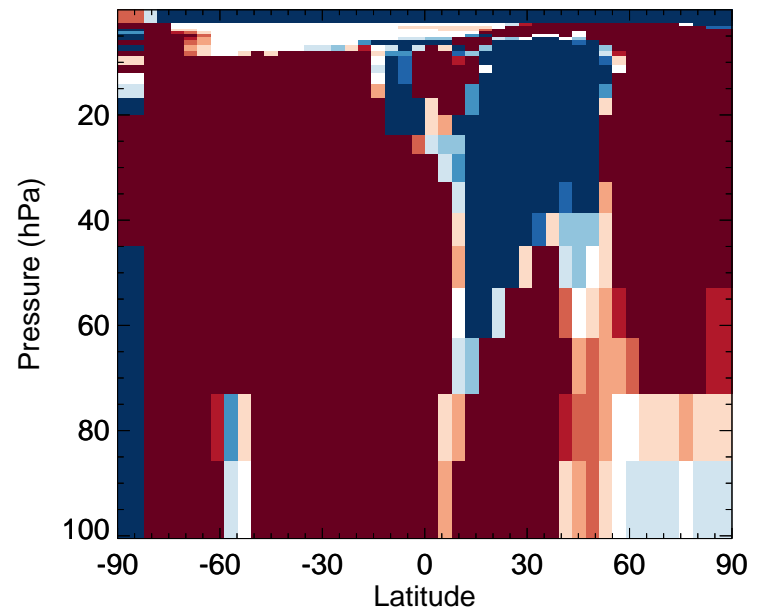
v11-02e-Run1 - v11-02e-Run0

XYLE - Strat zonal mean abs diff for Jan



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

XYLE - Strat zonal mean % diff for Jan



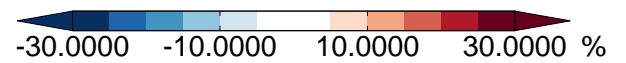
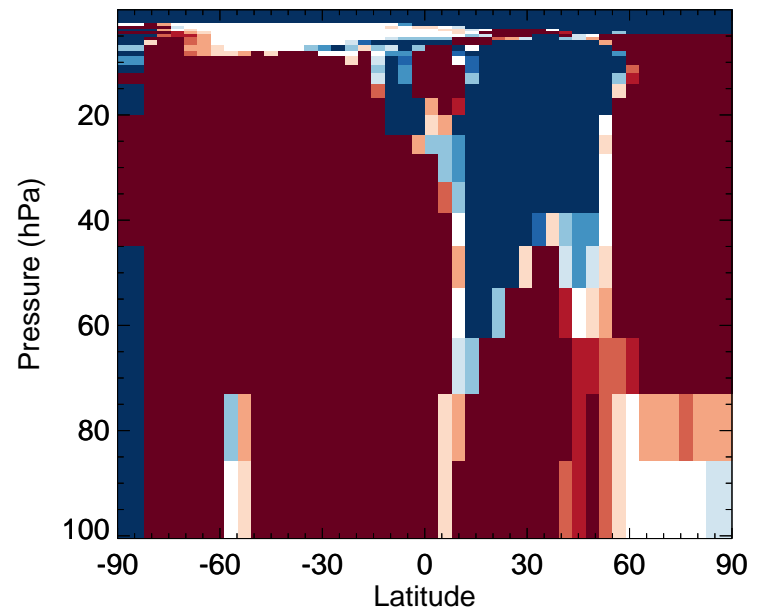
v11-02e-Run1 - v11-02d-Run1

XYLE - Strat zonal mean abs diff for Jan



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

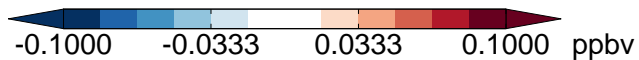
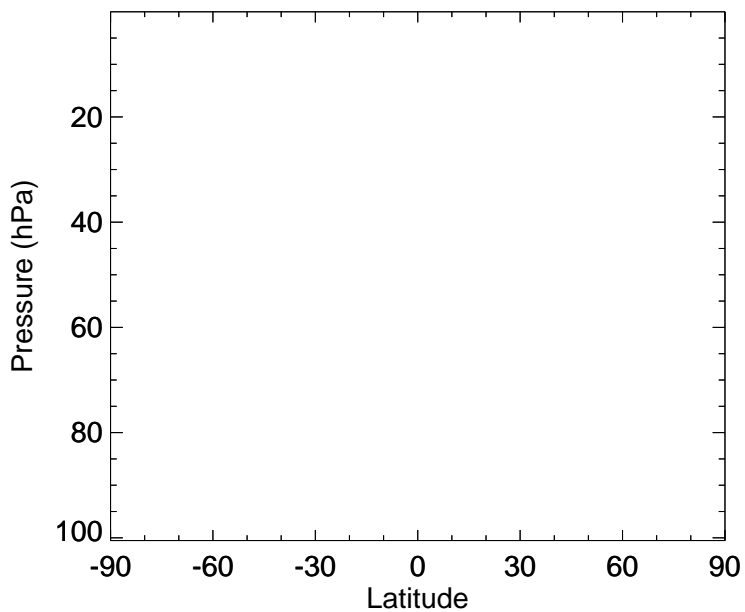
XYLE - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

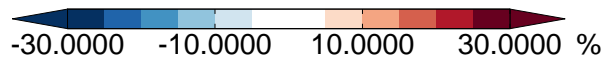
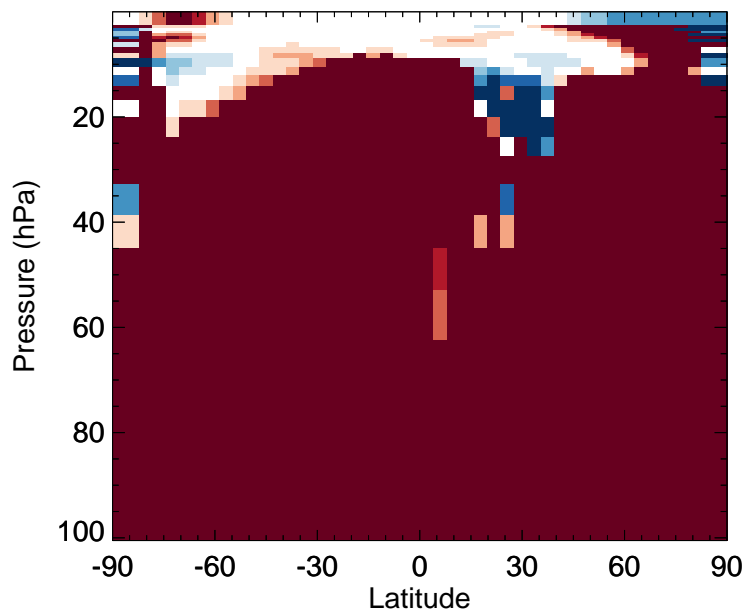
v11-02e-Run1 - v11-02e-Run0

MTPA - Strat zonal mean abs diff for Jan



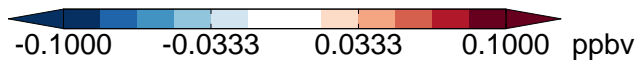
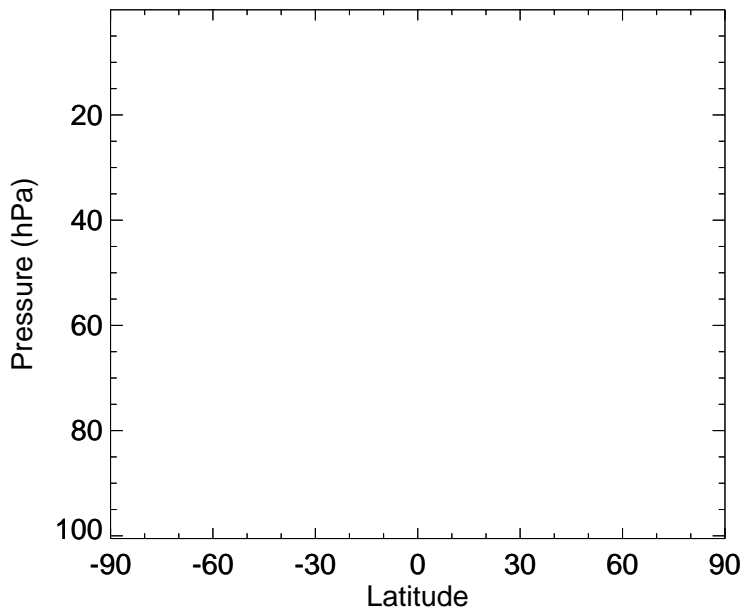
v11-02e-Run1 / v11-02e-Run0

MTPA - Strat zonal mean % diff for Jan



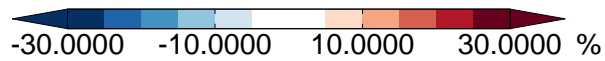
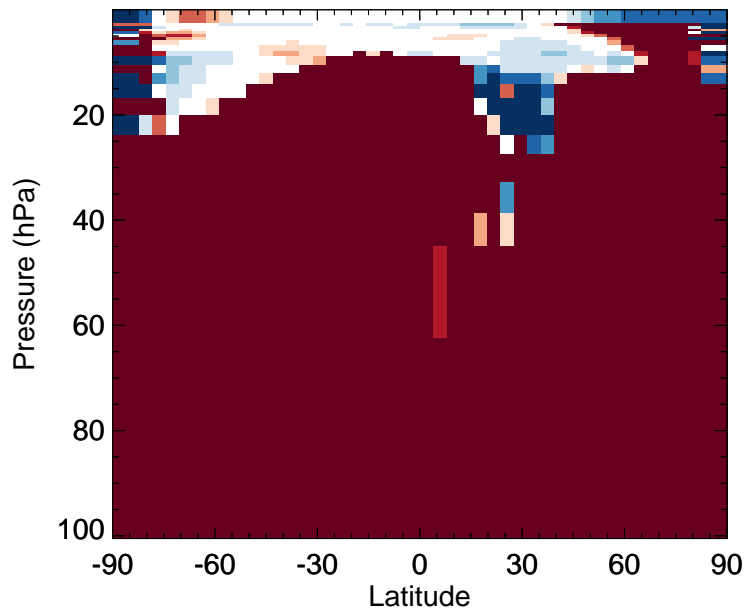
v11-02e-Run1 - v11-02d-Run1

MTPA - Strat zonal mean abs diff for Jan



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

MTPA - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

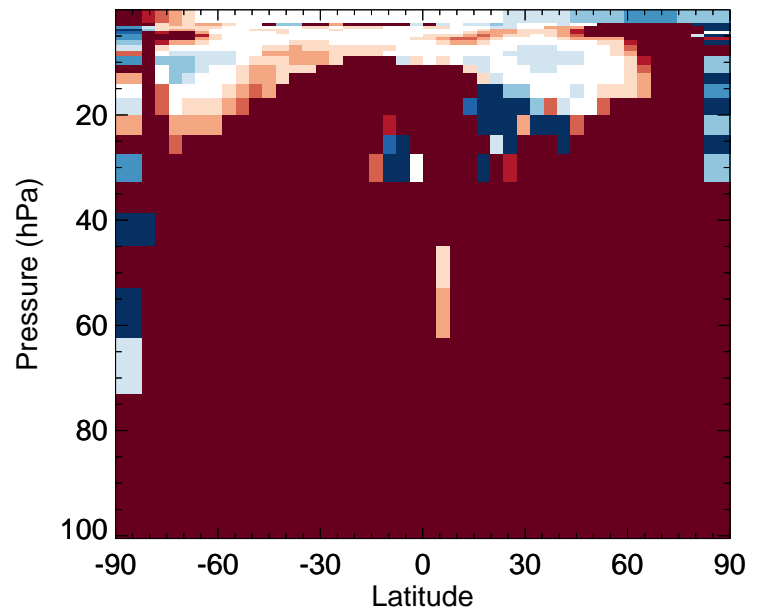
v11-02e-Run1 - v11-02e-Run0

LIMO - Strat zonal mean abs diff for Jan



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

LIMO - Strat zonal mean % diff for Jan



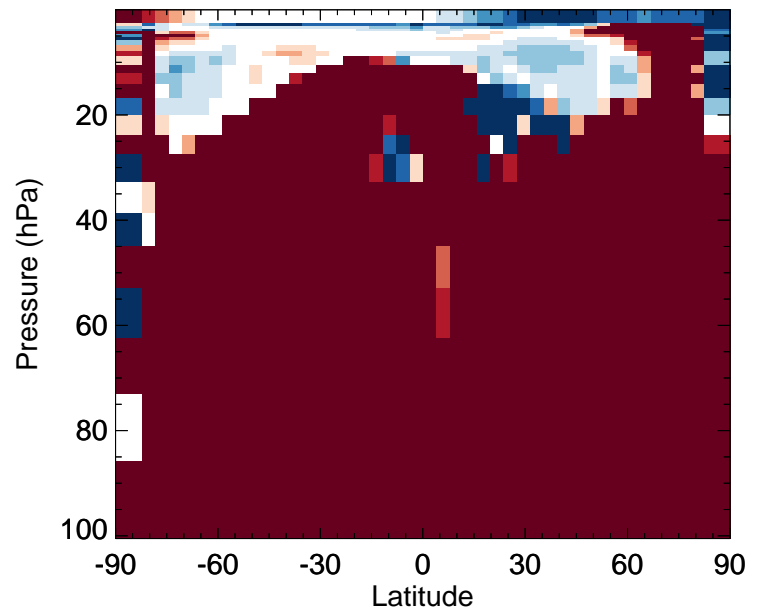
v11-02e-Run1 - v11-02d-Run1

LIMO - Strat zonal mean abs diff for Jan



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

LIMO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

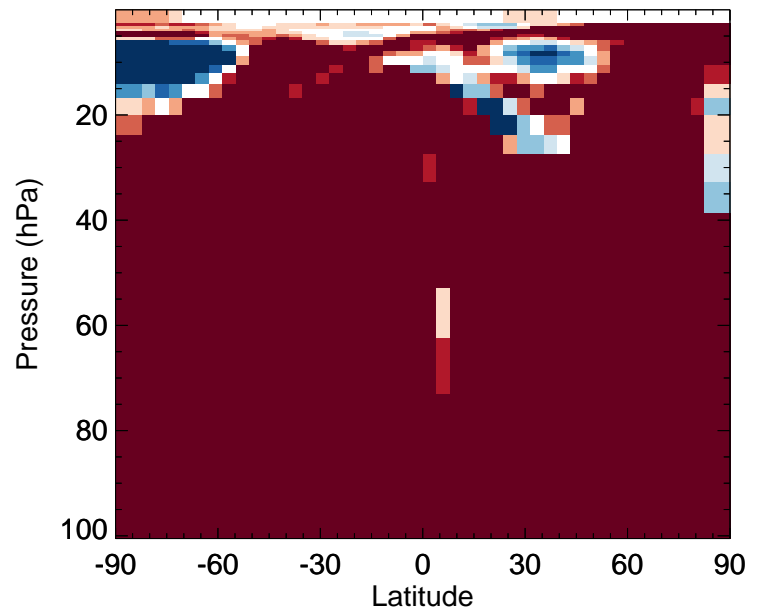
v11-02e-Run1 - v11-02e-Run0

MTPO - Strat zonal mean abs diff for Jan



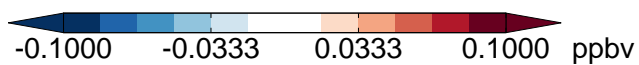
v11-02e-Run1 / v11-02e-Run0

MTPO - Strat zonal mean % diff for Jan



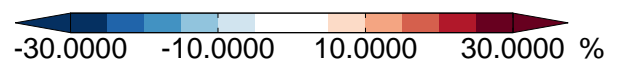
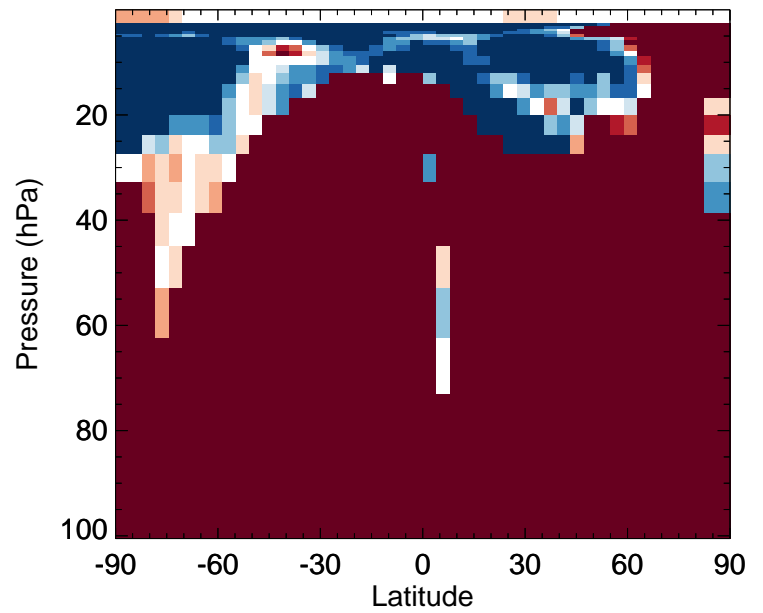
v11-02e-Run1 - v11-02d-Run1

MTPO - Strat zonal mean abs diff for Jan



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

MTPO - Strat zonal mean % diff for Jan





# GEOS-Chem Stratospheric Zonal Difference Maps

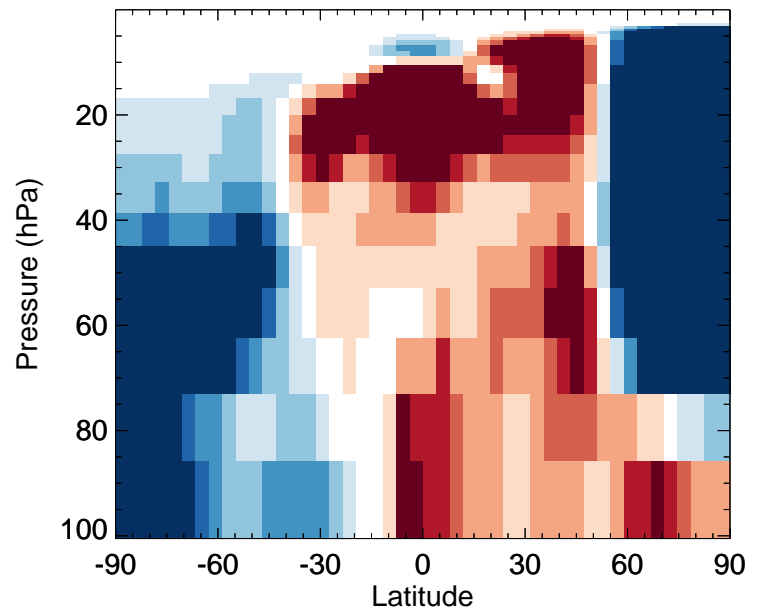
v11-02e-Run1 - v11-02e-Run0

TSOG1 - Strat zonal mean abs diff for Jan



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

TSOG1 - Strat zonal mean % diff for Jan



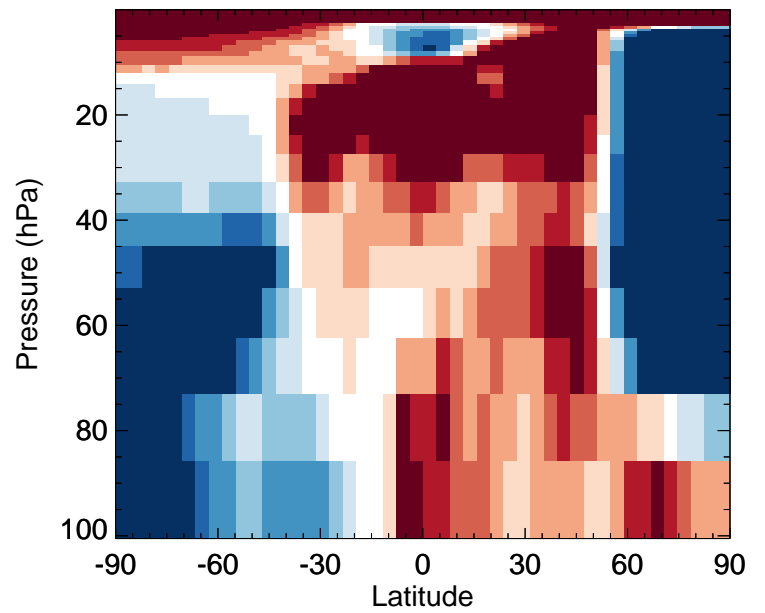
v11-02e-Run1 - v11-02d-Run1

TSOG1 - Strat zonal mean abs diff for Jan



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

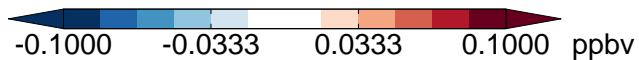
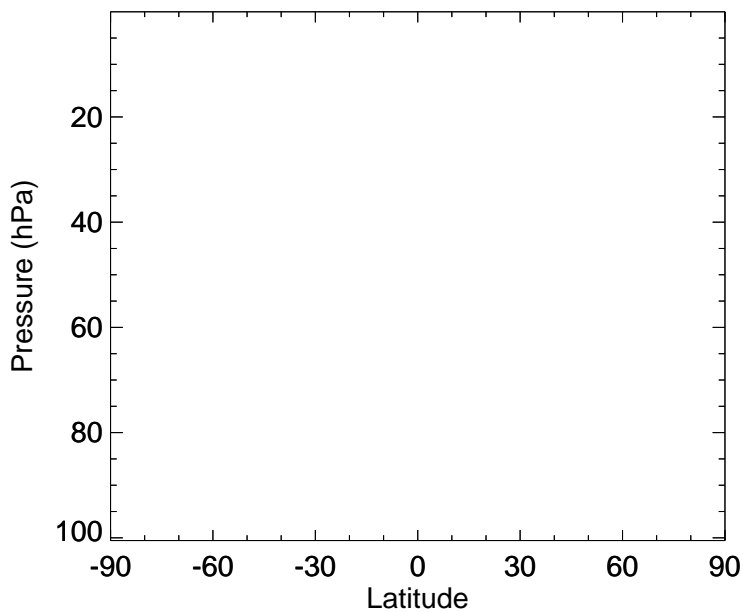
TSOG1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

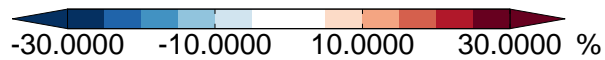
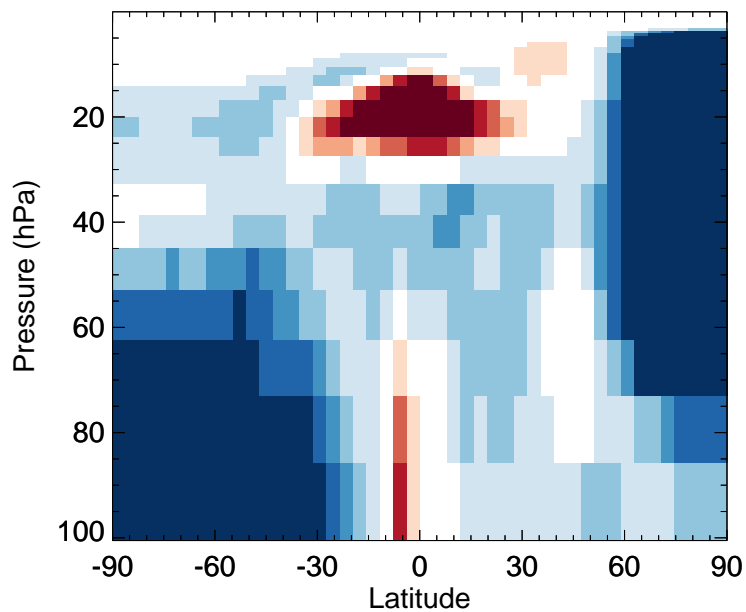
v11-02e-Run1 - v11-02e-Run0

TSOG2 - Strat zonal mean abs diff for Jan



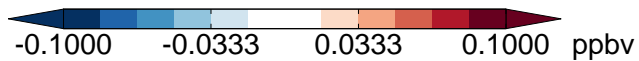
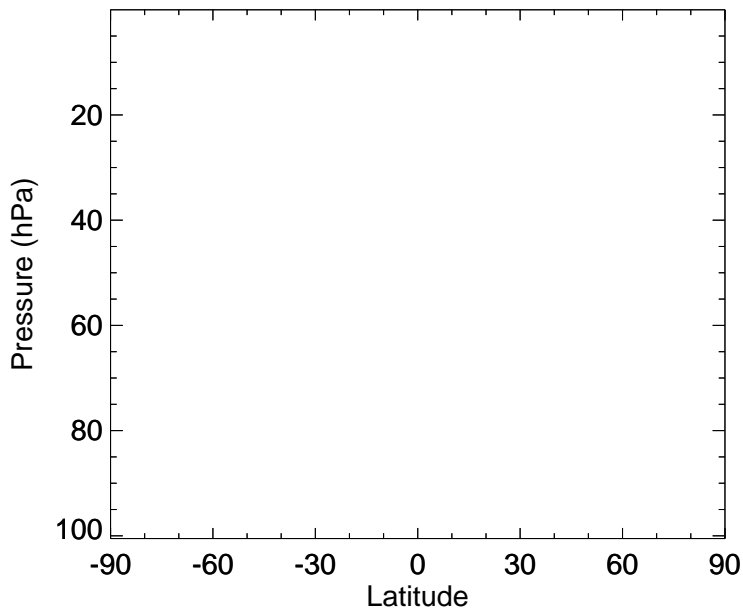
v11-02e-Run1 / v11-02e-Run0

TSOG2 - Strat zonal mean % diff for Jan



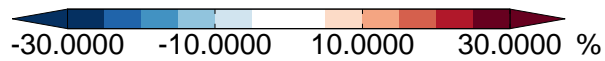
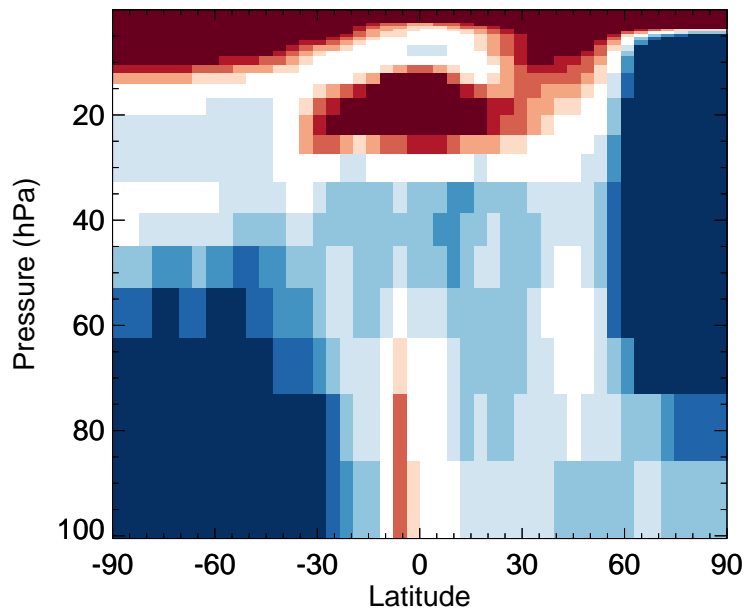
v11-02e-Run1 - v11-02d-Run1

TSOG2 - Strat zonal mean abs diff for Jan



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

TSOG2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

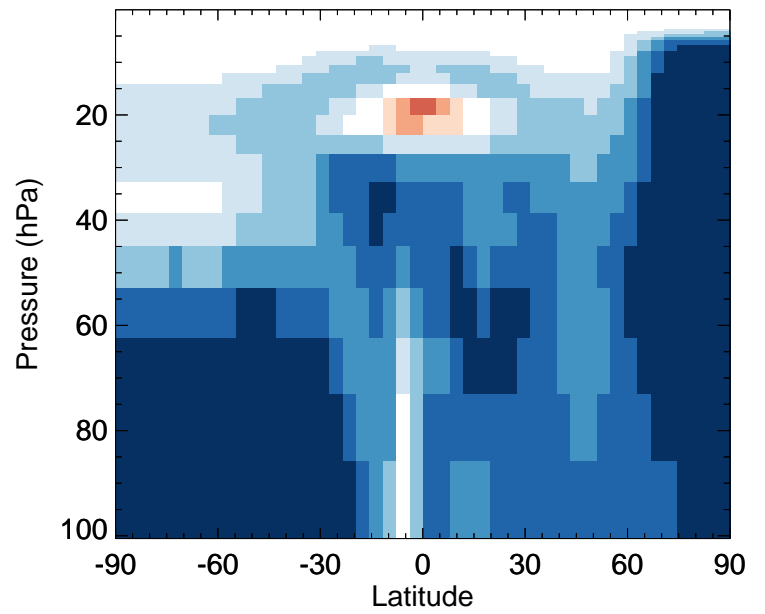
v11-02e-Run1 - v11-02e-Run0

TSOG3 - Strat zonal mean abs diff for Jan



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

TSOG3 - Strat zonal mean % diff for Jan



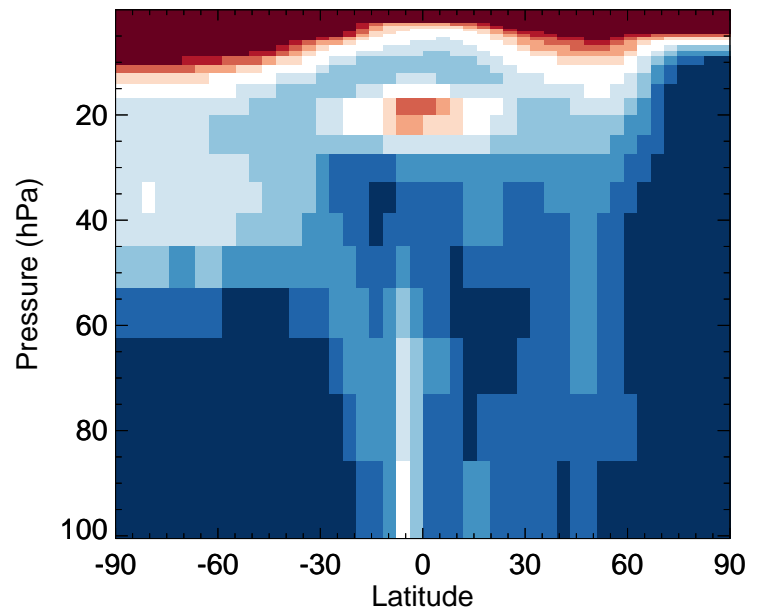
v11-02e-Run1 - v11-02d-Run1

TSOG3 - Strat zonal mean abs diff for Jan



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

TSOG3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

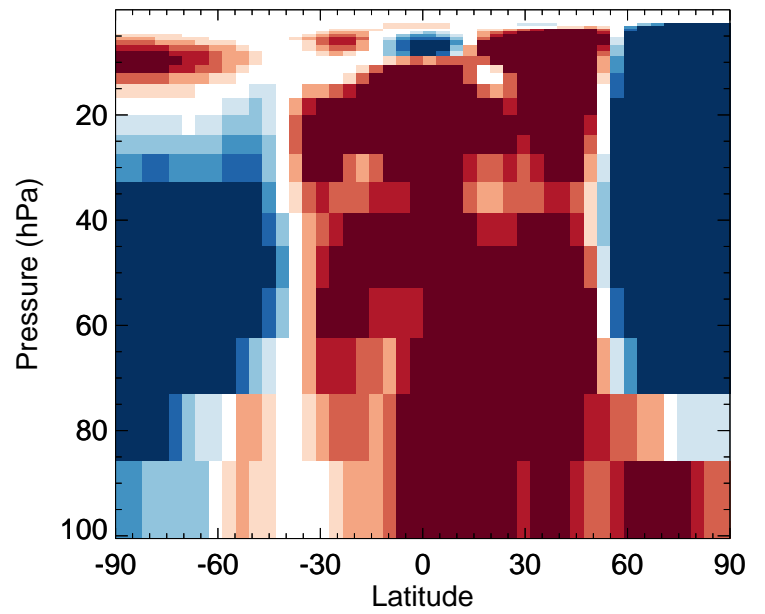
v11-02e-Run1 - v11-02e-Run0

TSOG0 - Strat zonal mean abs diff for Jan



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

TSOG0 - Strat zonal mean % diff for Jan



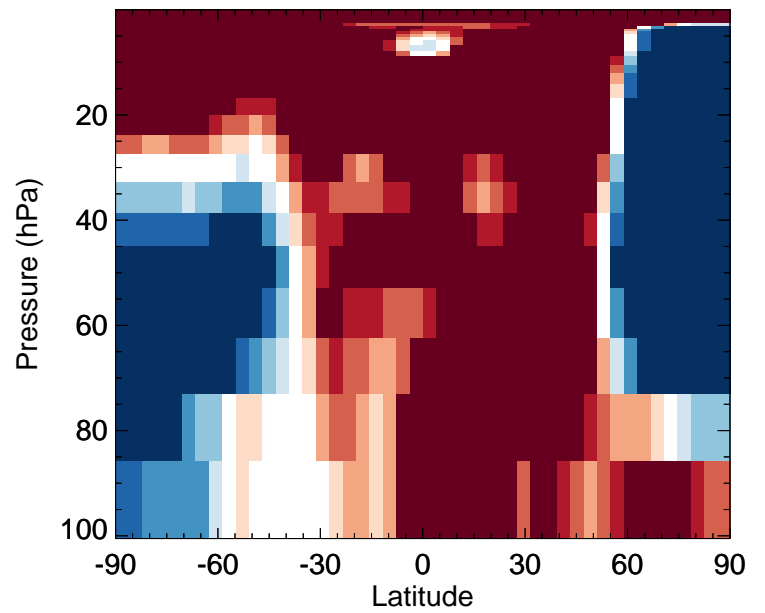
v11-02e-Run1 - v11-02d-Run1

TSOG0 - Strat zonal mean abs diff for Jan



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

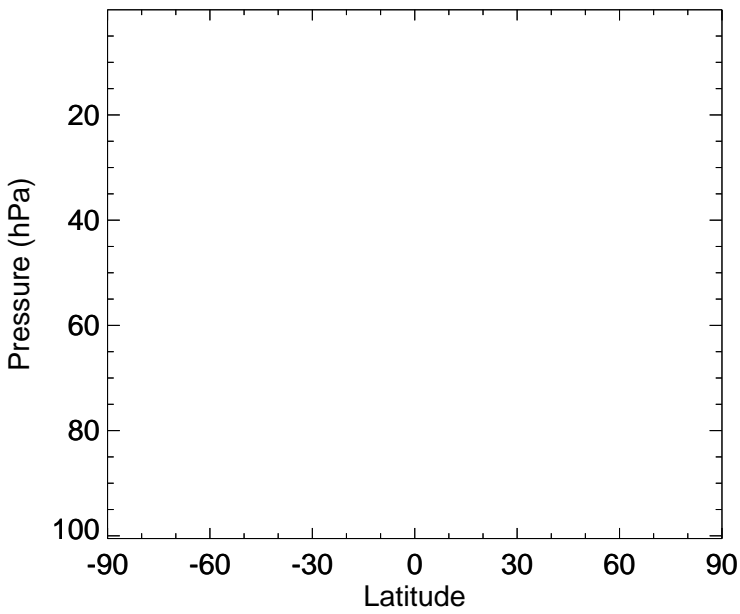
TSOG0 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

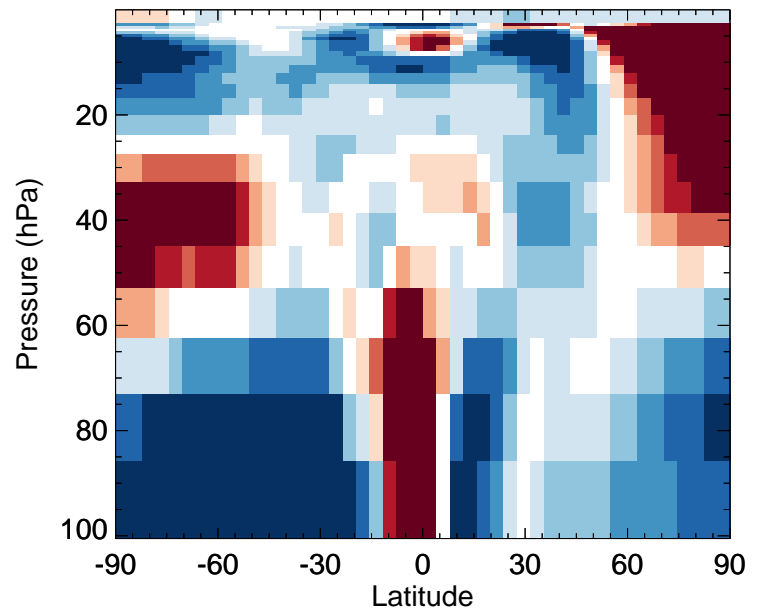
v11-02e-Run1 - v11-02e-Run0

TSOA1 - Strat zonal mean abs diff for Jan



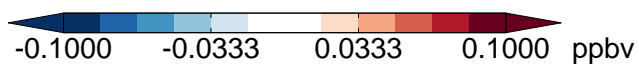
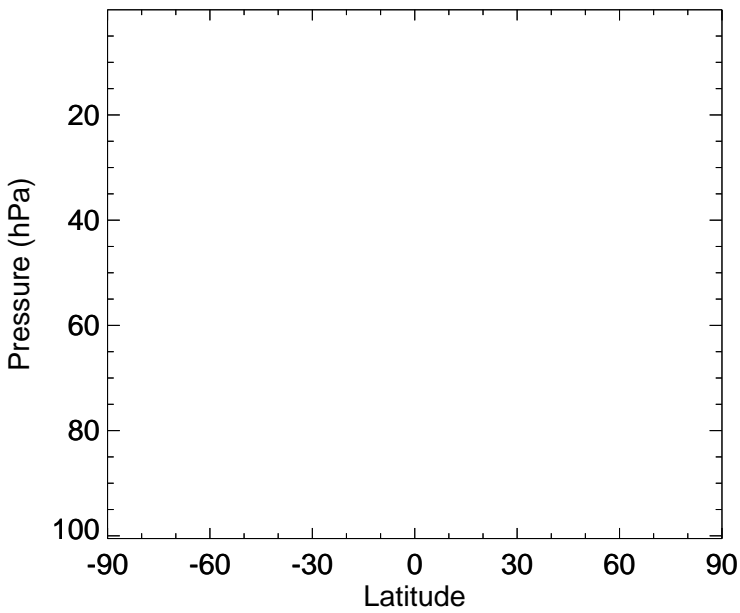
v11-02e-Run1 / v11-02e-Run0

TSOA1 - Strat zonal mean % diff for Jan



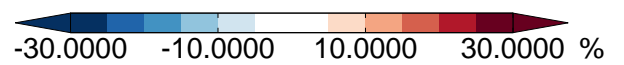
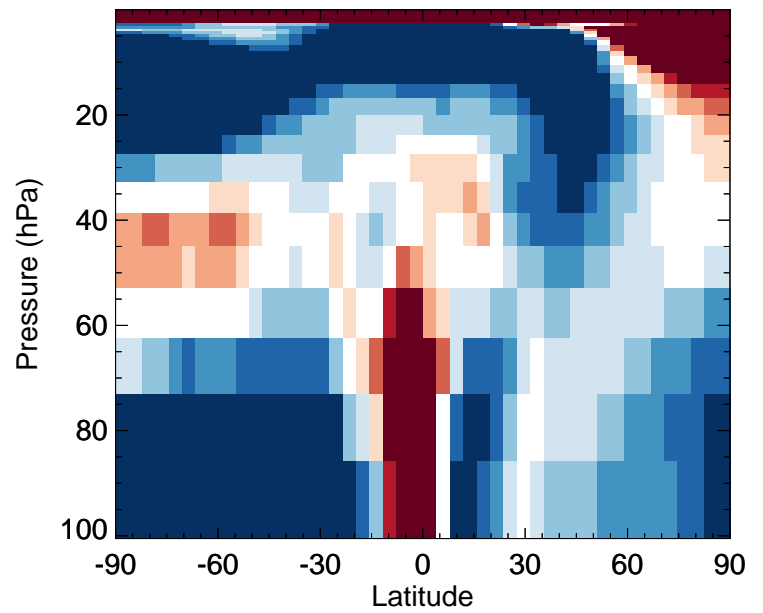
v11-02e-Run1 - v11-02d-Run1

TSOA1 - Strat zonal mean abs diff for Jan



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

TSOA1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

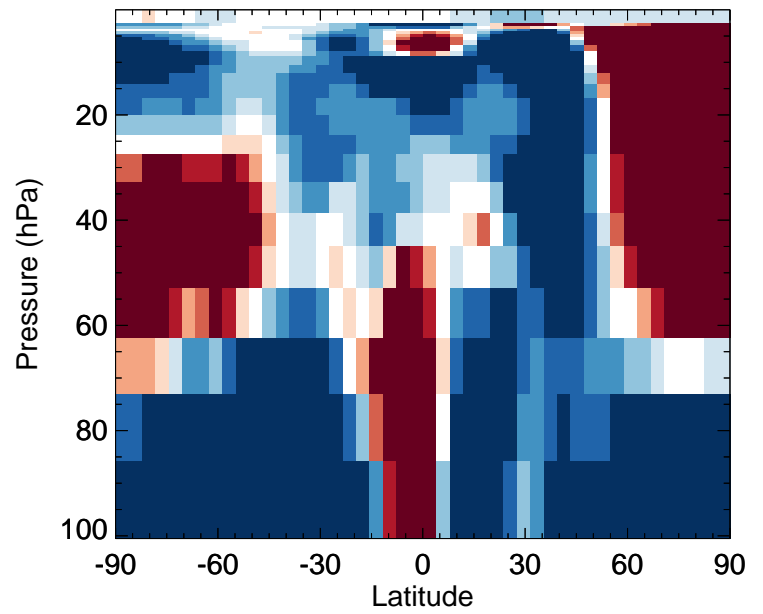
v11-02e-Run1 - v11-02e-Run0

TSOA2 - Strat zonal mean abs diff for Jan



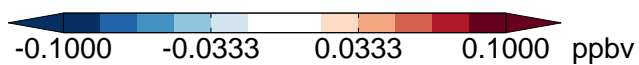
v11-02e-Run1 / v11-02e-Run0

TSOA2 - Strat zonal mean % diff for Jan



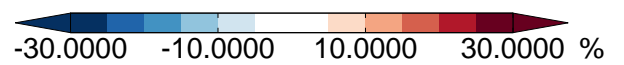
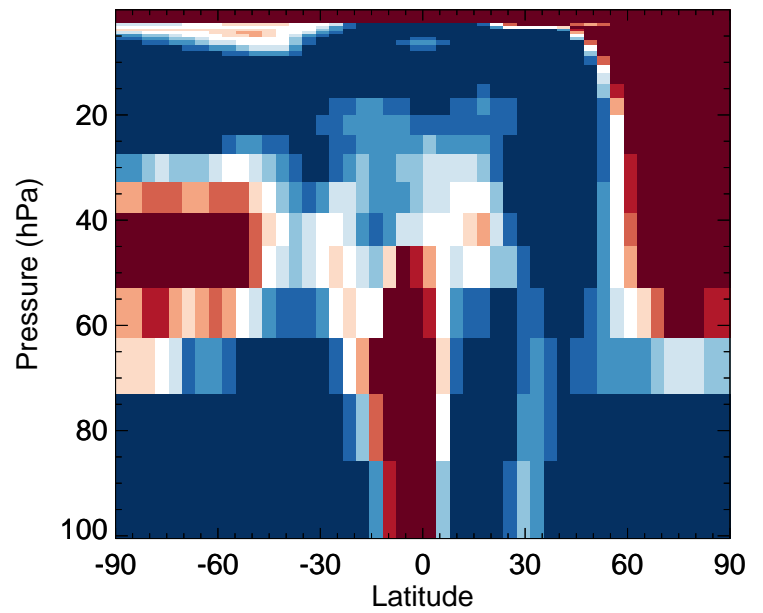
v11-02e-Run1 - v11-02d-Run1

TSOA2 - Strat zonal mean abs diff for Jan



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

TSOA2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

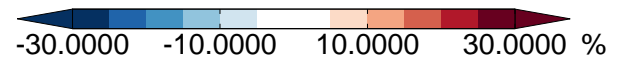
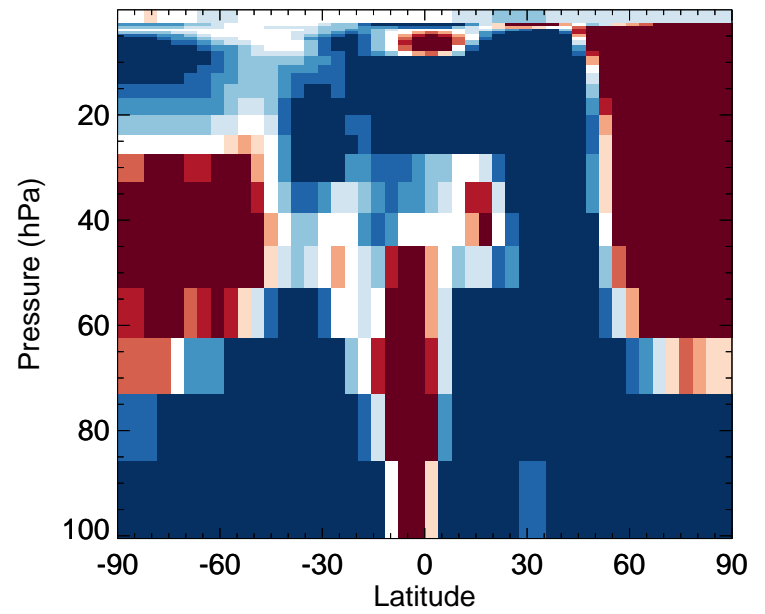
v11-02e-Run1 - v11-02e-Run0

TSOA3 - Strat zonal mean abs diff for Jan



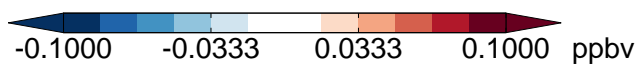
v11-02e-Run1 / v11-02e-Run0

TSOA3 - Strat zonal mean % diff for Jan



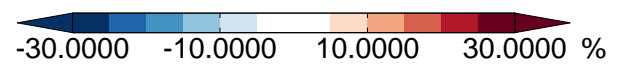
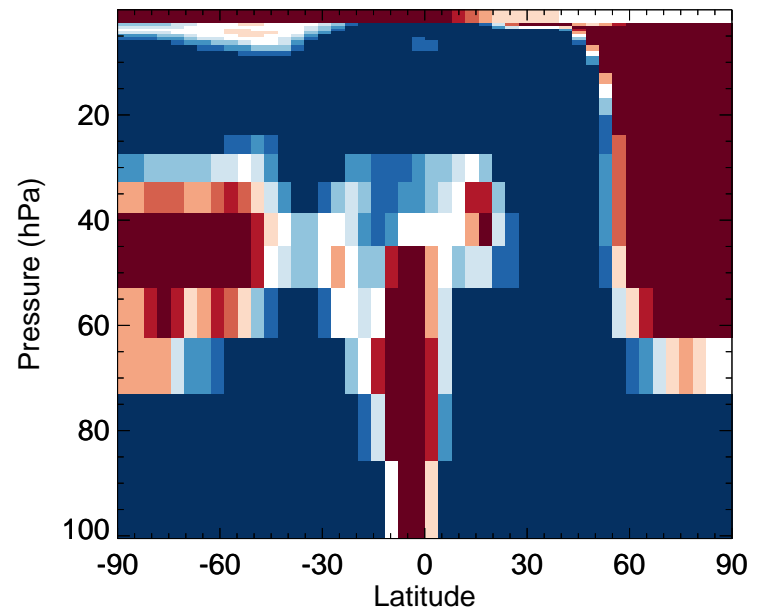
v11-02e-Run1 - v11-02d-Run1

TSOA3 - Strat zonal mean abs diff for Jan



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

TSOA3 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

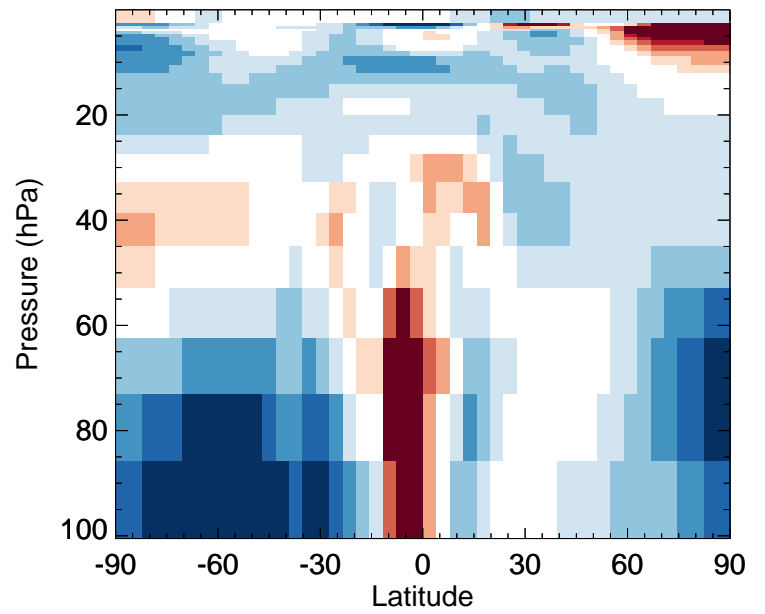
v11-02e-Run1 - v11-02e-Run0

TSOA0 - Strat zonal mean abs diff for Jan



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

TSOA0 - Strat zonal mean % diff for Jan



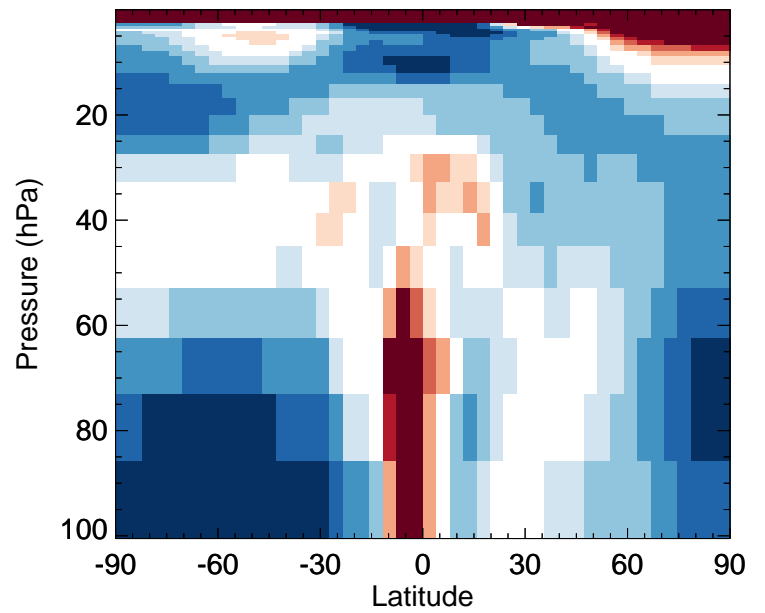
v11-02e-Run1 - v11-02d-Run1

TSOA0 - Strat zonal mean abs diff for Jan



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

TSOA0 - Strat zonal mean % diff for Jan





# GEOS-Chem Stratospheric Zonal Difference Maps

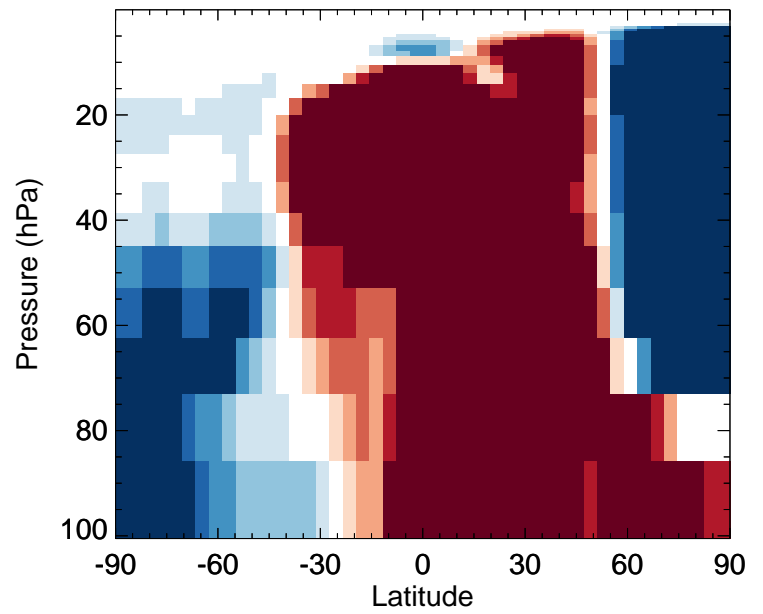
v11-02e-Run1 - v11-02e-Run0

ISOG1 - Strat zonal mean abs diff for Jan



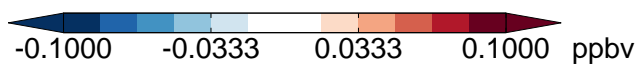
v11-02e-Run1 / v11-02e-Run0

ISOG1 - Strat zonal mean % diff for Jan



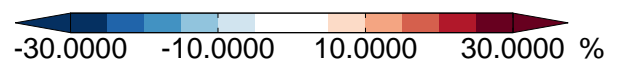
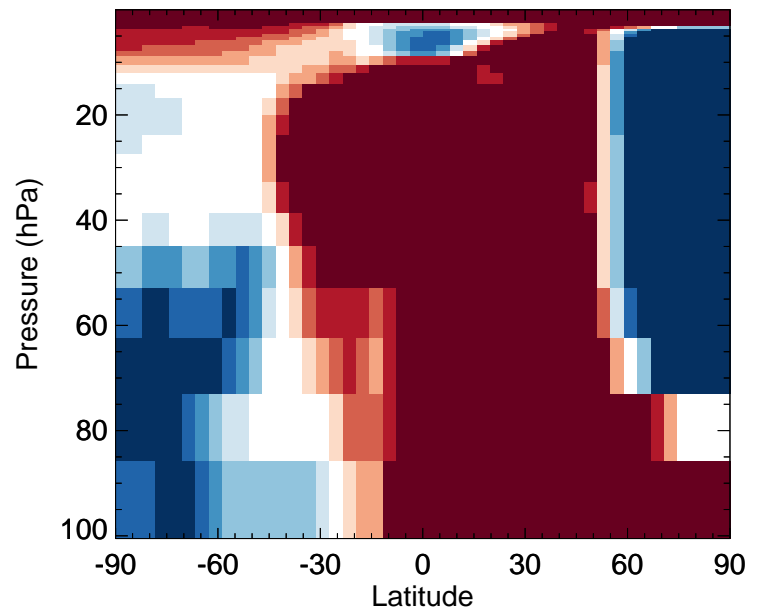
v11-02e-Run1 - v11-02d-Run1

ISOG1 - Strat zonal mean abs diff for Jan



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

ISOG1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

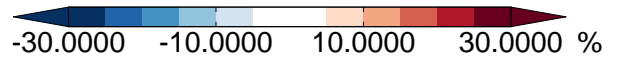
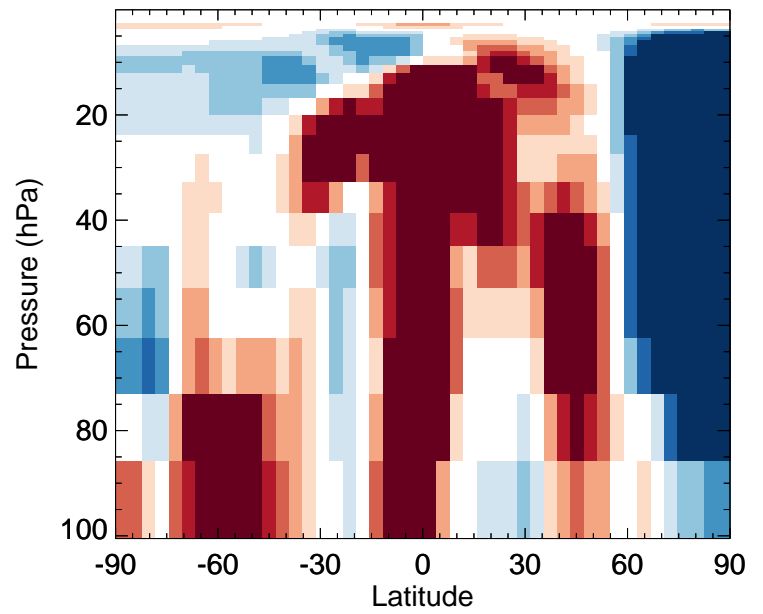
v11-02e-Run1 - v11-02e-Run0

ISOG2 - Strat zonal mean abs diff for Jan



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

ISOG2 - Strat zonal mean % diff for Jan



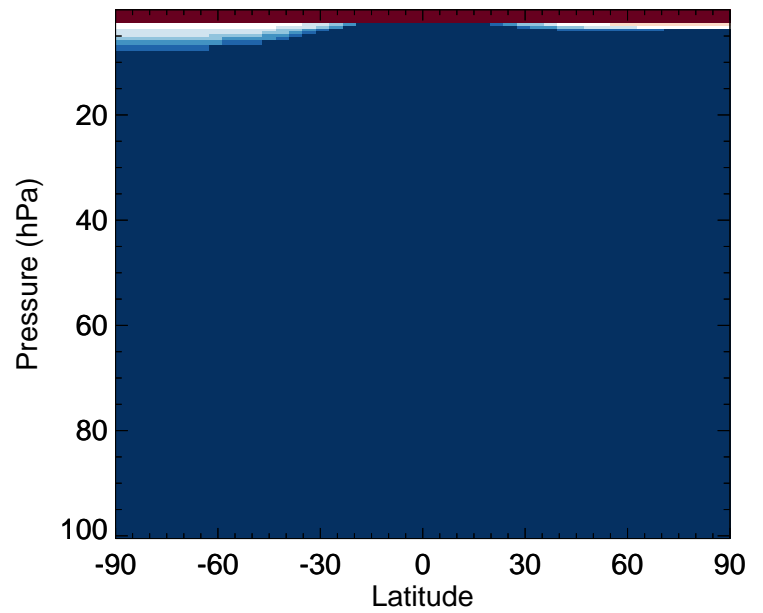
v11-02e-Run1 - v11-02d-Run1

ISOG2 - Strat zonal mean abs diff for Jan



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

ISOG2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

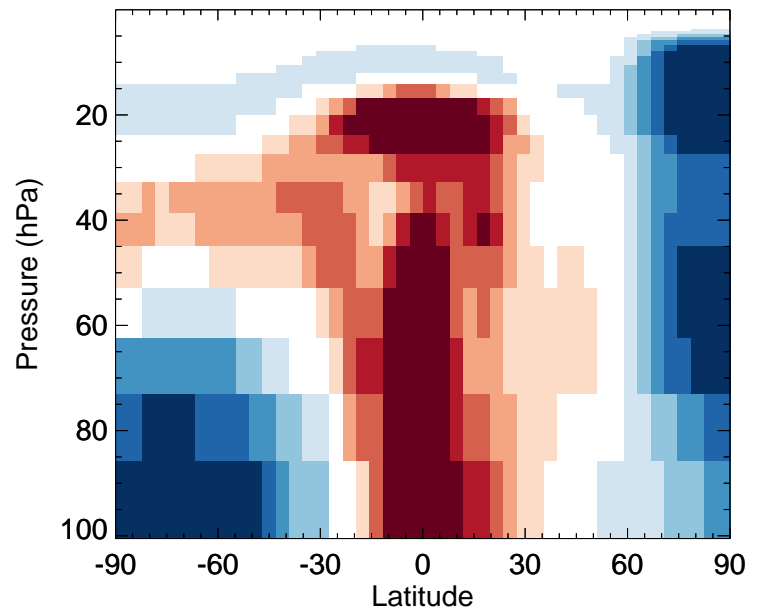
v11-02e-Run1 - v11-02e-Run0

ISO3 - Strat zonal mean abs diff for Jan



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

ISO3 - Strat zonal mean % diff for Jan



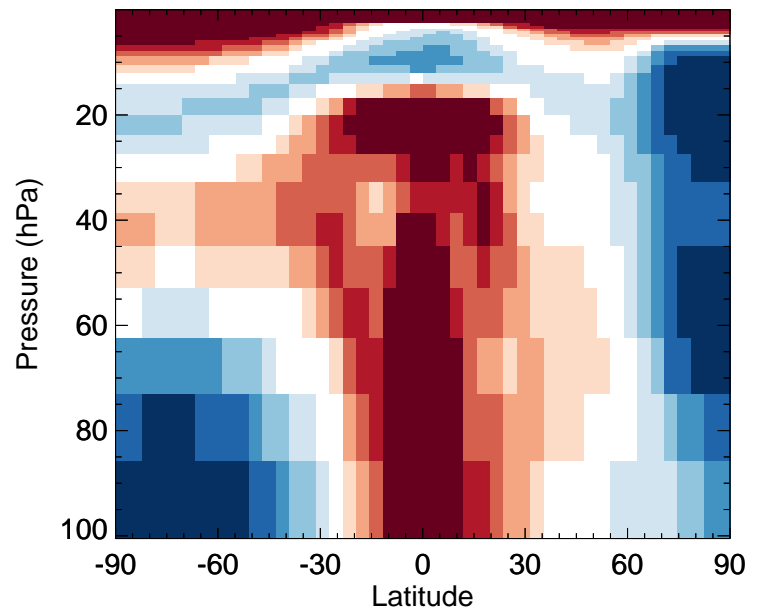
v11-02e-Run1 - v11-02d-Run1

ISO3 - Strat zonal mean abs diff for Jan



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

ISO3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

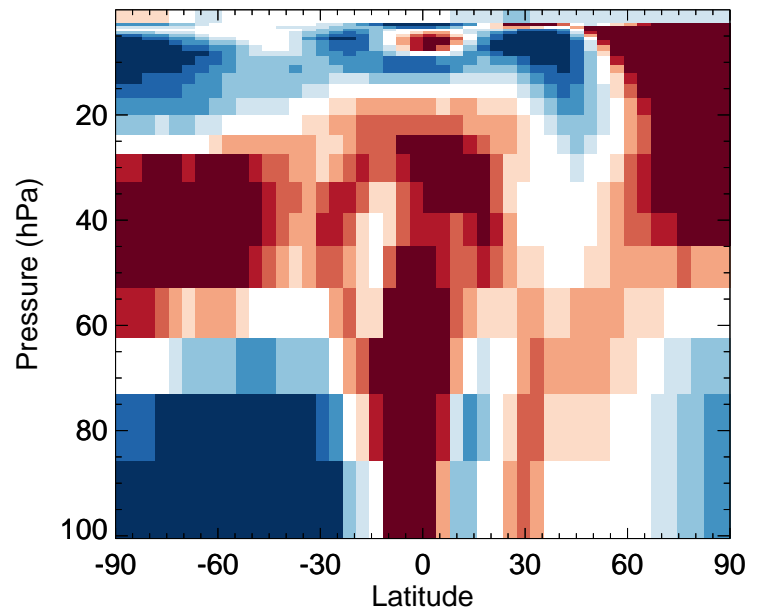
v11-02e-Run1 - v11-02e-Run0

ISOA1 - Strat zonal mean abs diff for Jan



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

ISOA1 - Strat zonal mean % diff for Jan



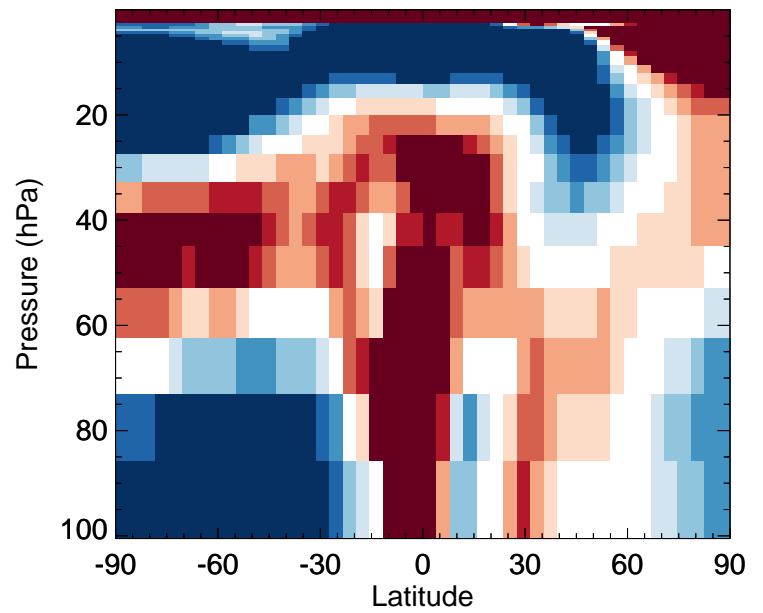
v11-02e-Run1 - v11-02d-Run1

ISOA1 - Strat zonal mean abs diff for Jan



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

ISOA1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

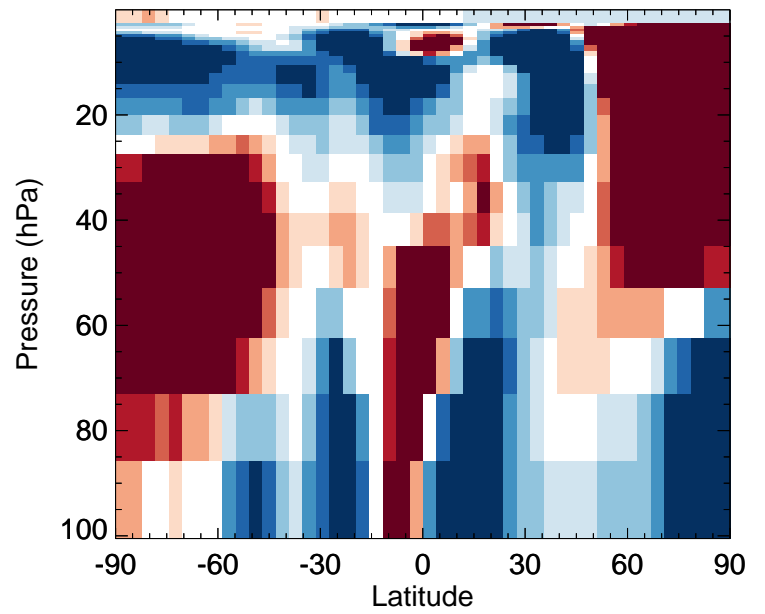
v11-02e-Run1 - v11-02e-Run0

ISOA2 - Strat zonal mean abs diff for Jan



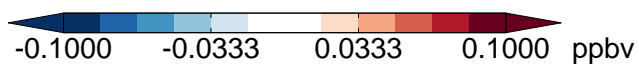
v11-02e-Run1 / v11-02e-Run0

ISOA2 - Strat zonal mean % diff for Jan



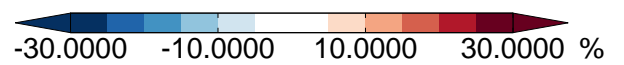
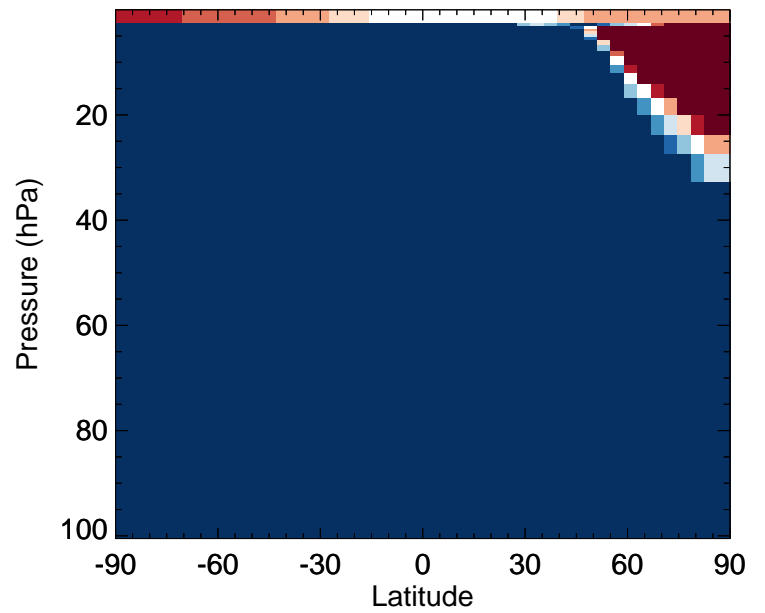
v11-02e-Run1 - v11-02d-Run1

ISOA2 - Strat zonal mean abs diff for Jan



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

ISOA2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

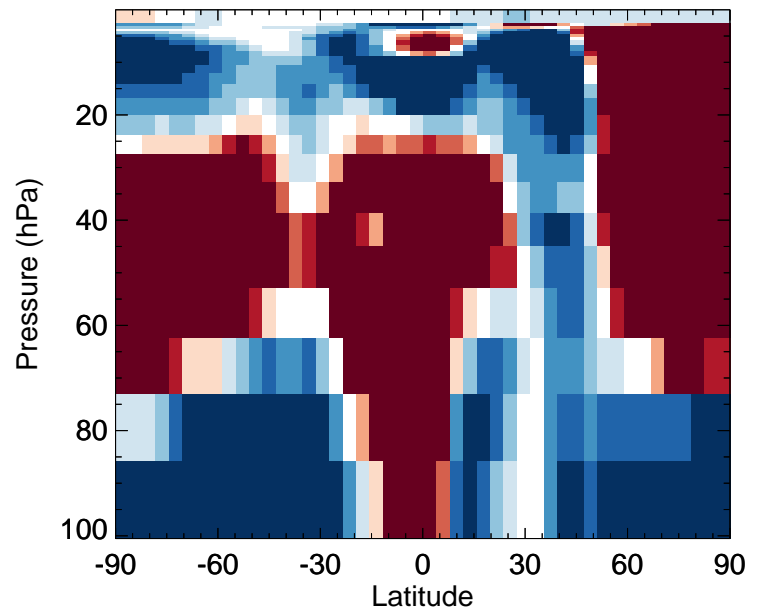
v11-02e-Run1 - v11-02e-Run0

ISOA3 - Strat zonal mean abs diff for Jan



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

ISOA3 - Strat zonal mean % diff for Jan



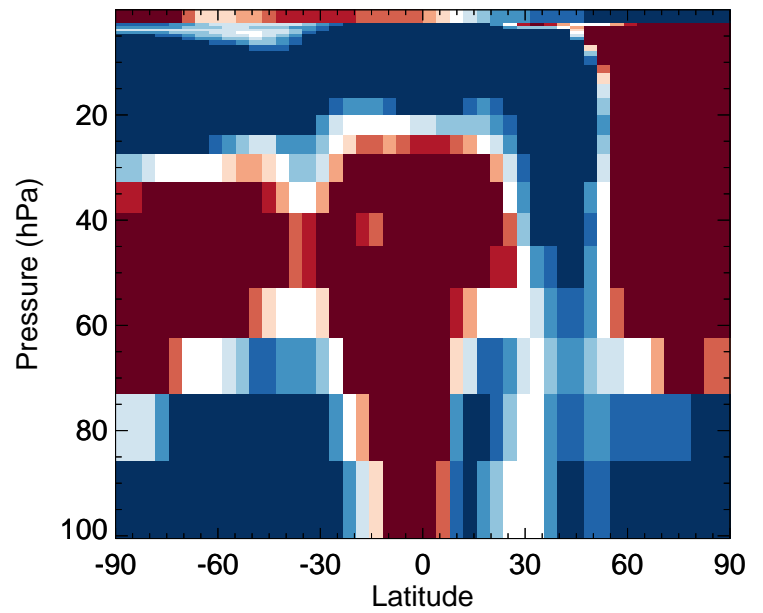
v11-02e-Run1 - v11-02d-Run1

ISOA3 - Strat zonal mean abs diff for Jan



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

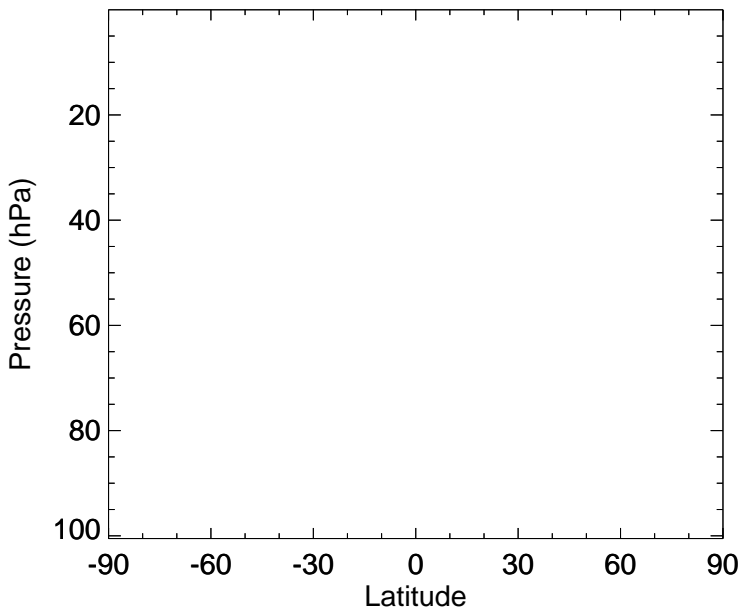
ISOA3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

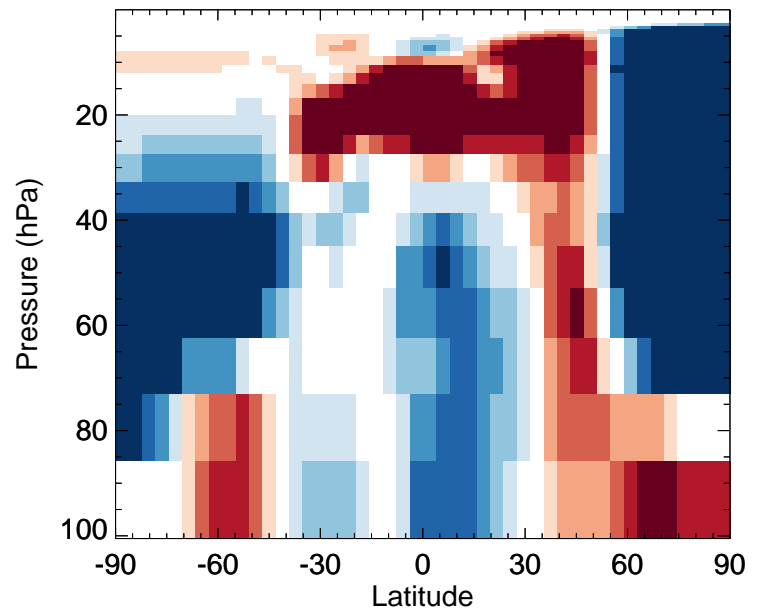
v11-02e-Run1 - v11-02e-Run0

ASOG1 - Strat zonal mean abs diff for Jan



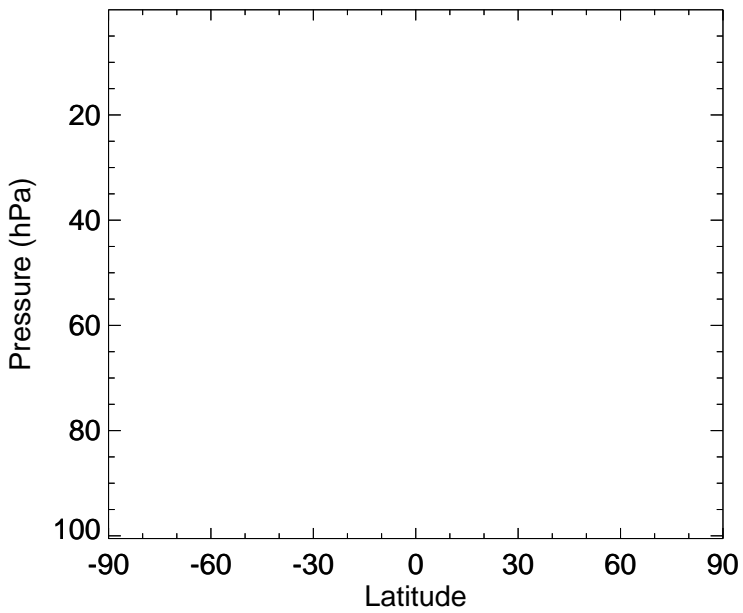
v11-02e-Run1 / v11-02e-Run0

ASOG1 - Strat zonal mean % diff for Jan



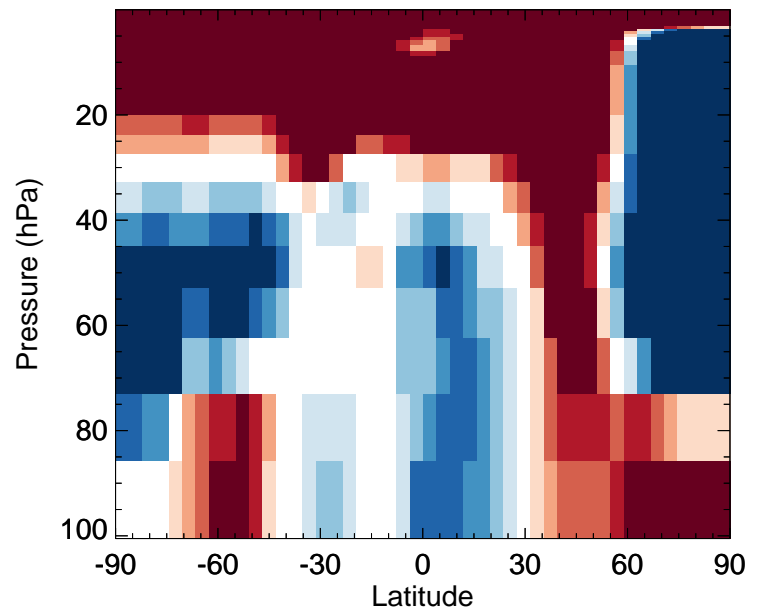
v11-02e-Run1 - v11-02d-Run1

ASOG1 - Strat zonal mean abs diff for Jan



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

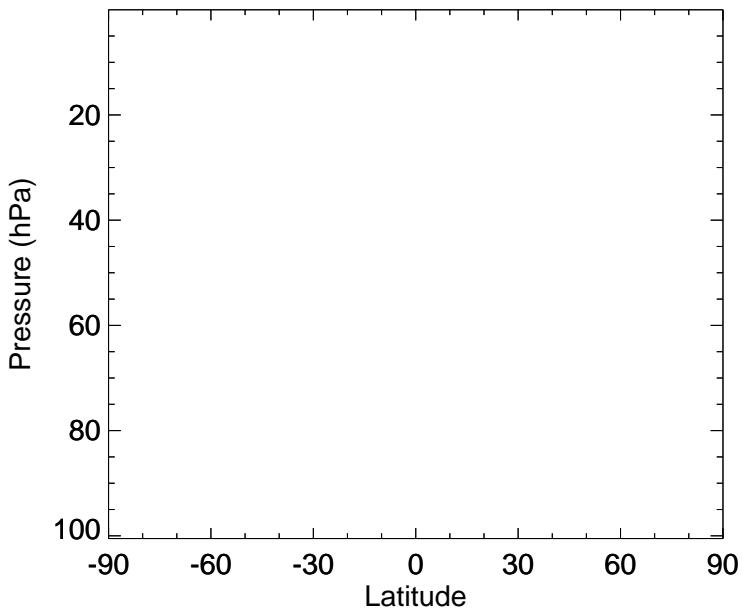
ASOG1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

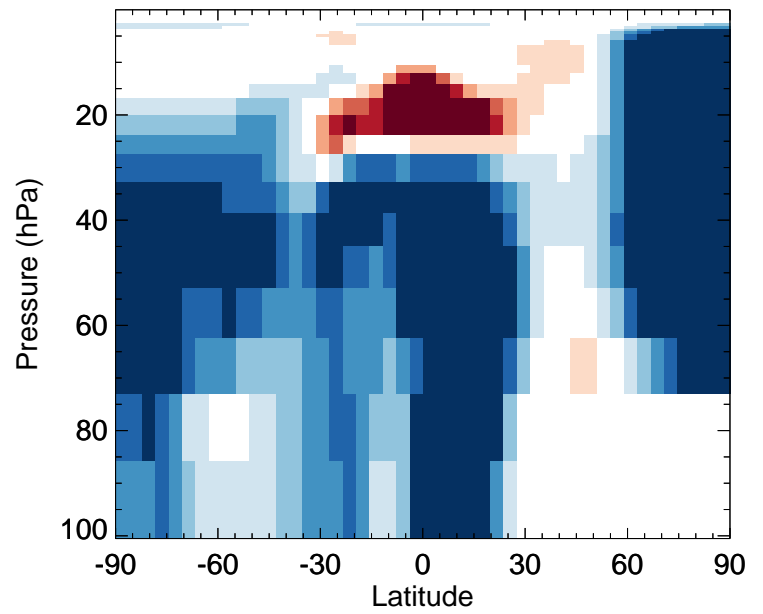
v11-02e-Run1 - v11-02e-Run0

ASOG2 - Strat zonal mean abs diff for Jan



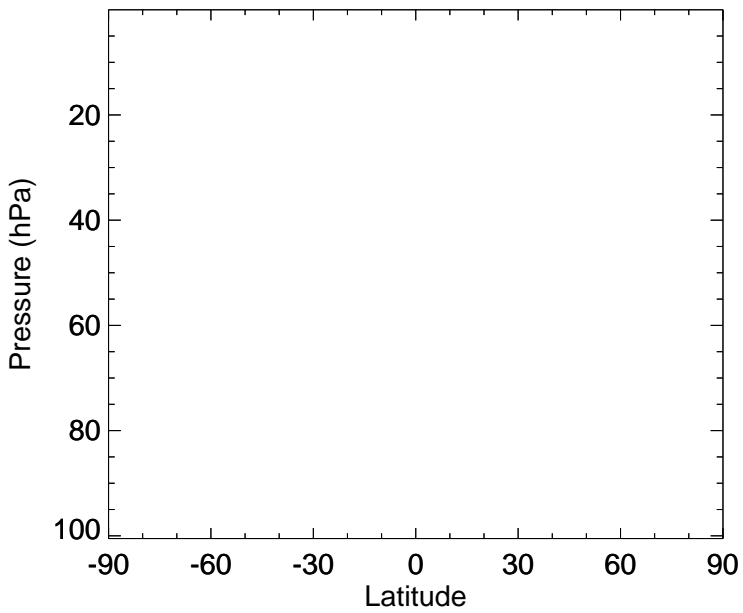
v11-02e-Run1 / v11-02e-Run0

ASOG2 - Strat zonal mean % diff for Jan



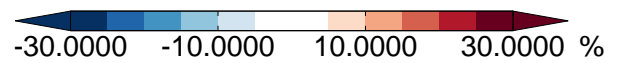
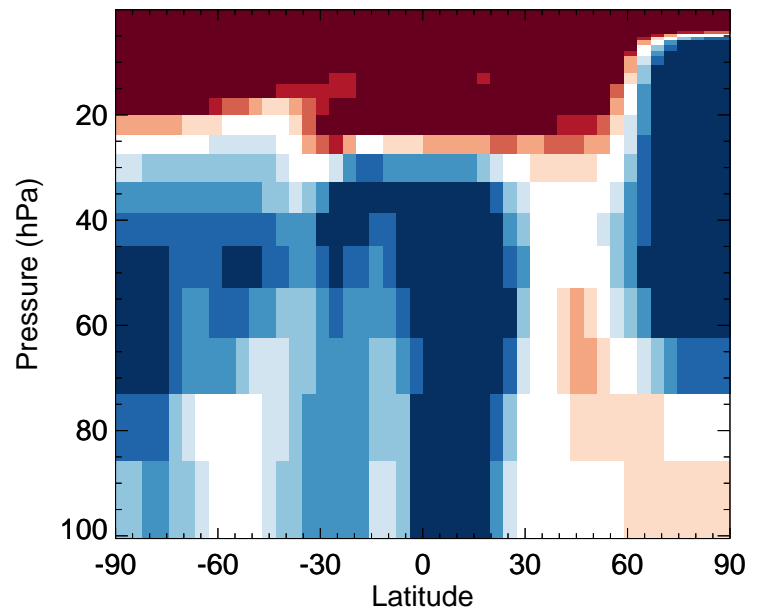
v11-02e-Run1 - v11-02d-Run1

ASOG2 - Strat zonal mean abs diff for Jan



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

ASOG2 - Strat zonal mean % diff for Jan

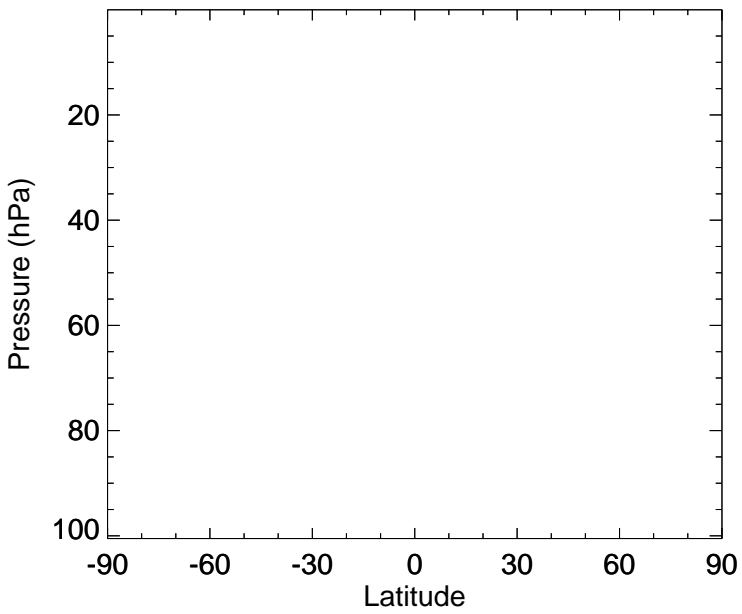




# GEOS-Chem Stratospheric Zonal Difference Maps

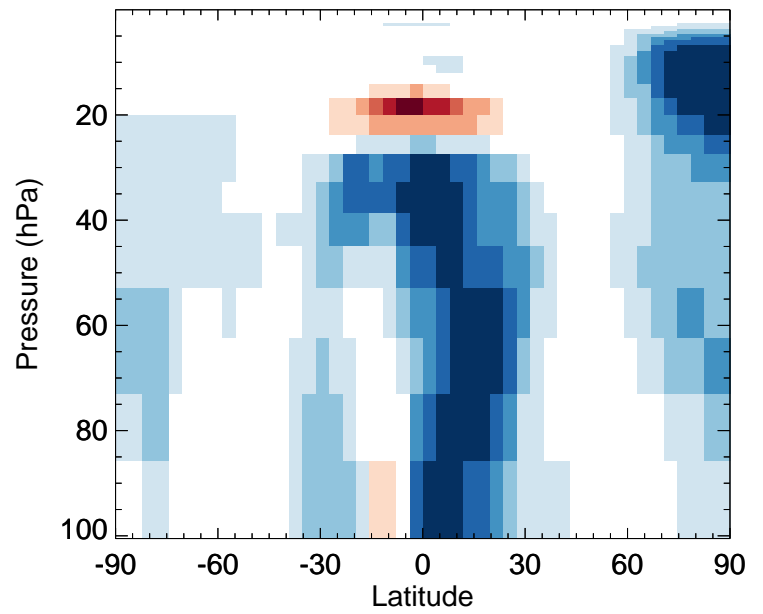
v11-02e-Run1 - v11-02e-Run0

ASOG3 - Strat zonal mean abs diff for Jan



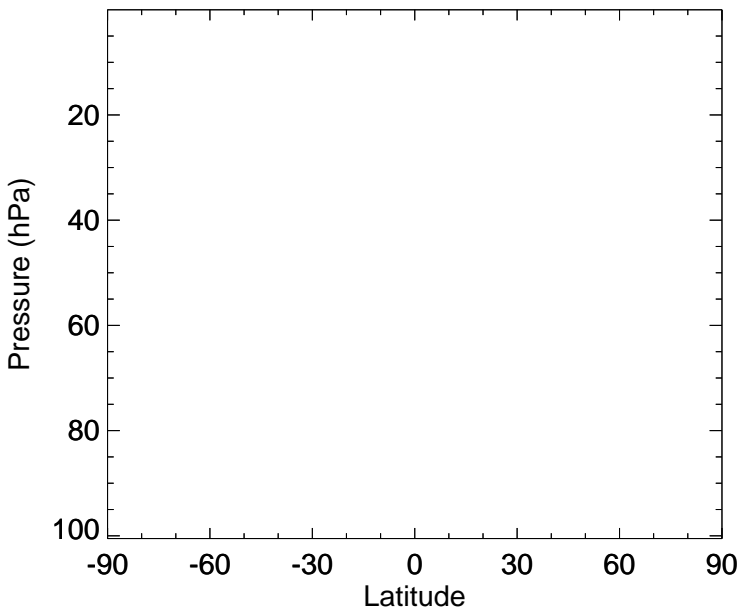
v11-02e-Run1 / v11-02e-Run0

ASOG3 - Strat zonal mean % diff for Jan



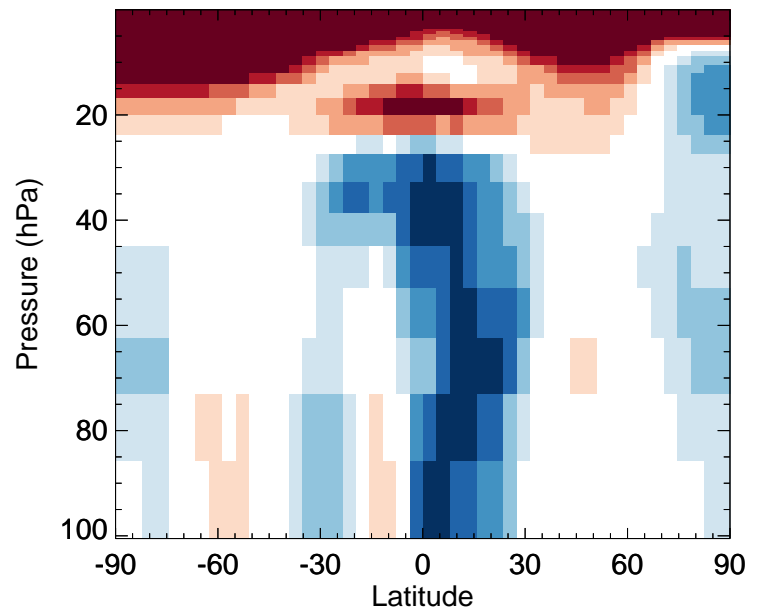
v11-02e-Run1 - v11-02d-Run1

ASOG3 - Strat zonal mean abs diff for Jan



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

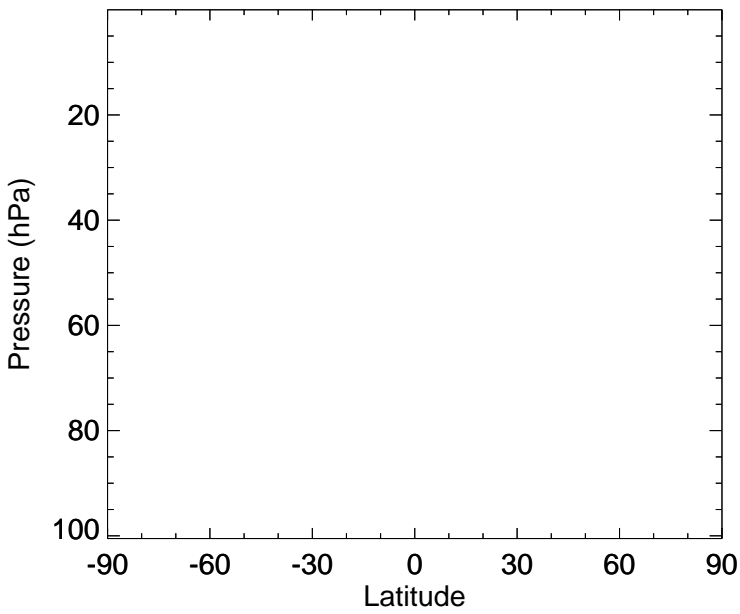
ASOG3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

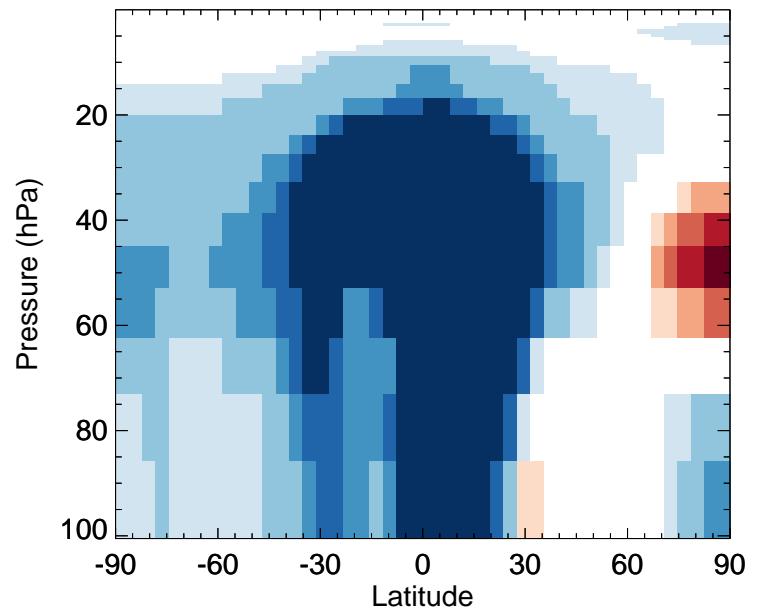
v11-02e-Run1 - v11-02e-Run0

ASOAN - Strat zonal mean abs diff for Jan



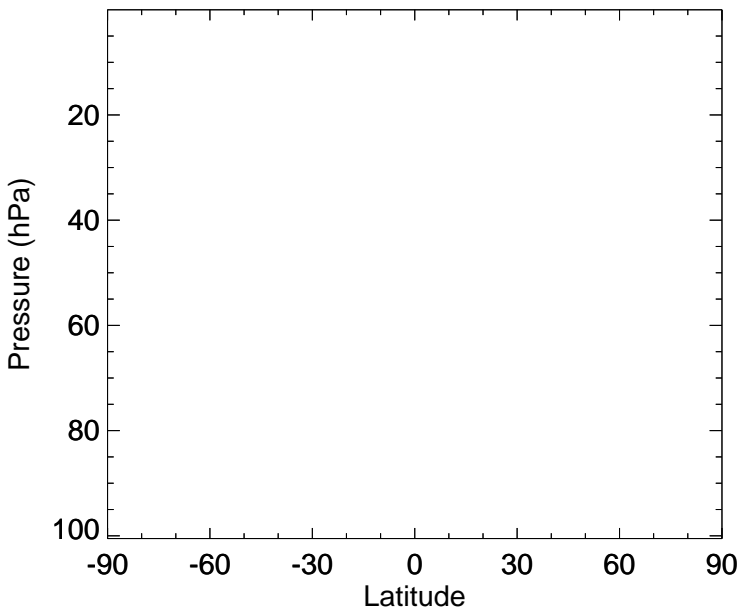
v11-02e-Run1 / v11-02e-Run0

ASOAN - Strat zonal mean % diff for Jan



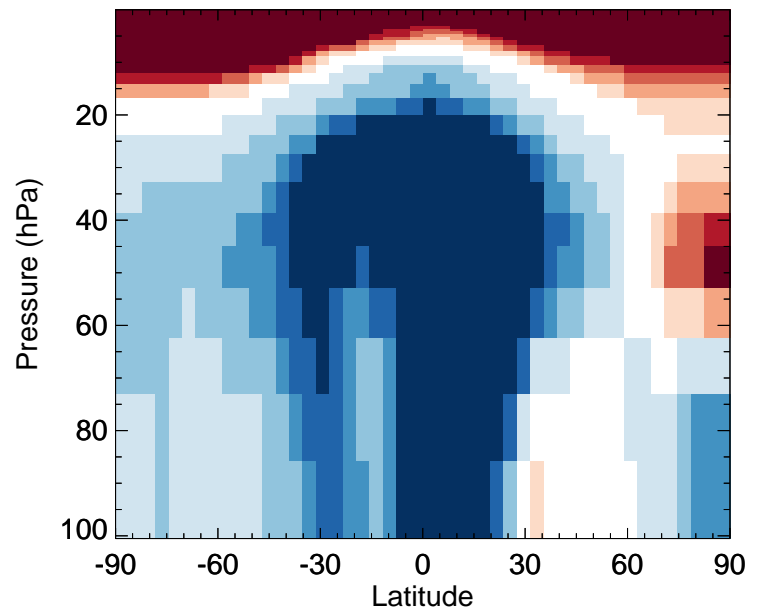
v11-02e-Run1 - v11-02d-Run1

ASOAN - Strat zonal mean abs diff for Jan



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

ASOAN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

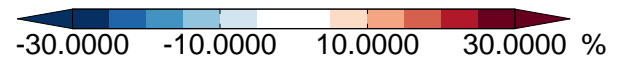
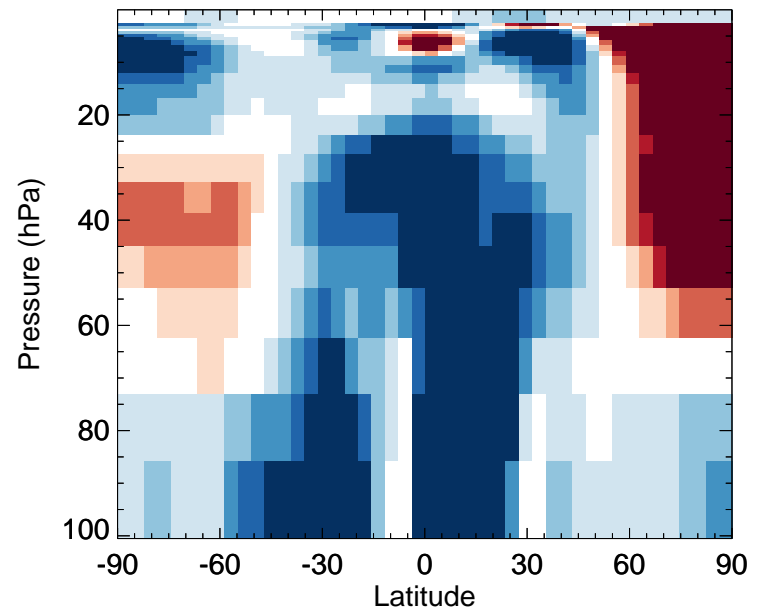
v11-02e-Run1 - v11-02e-Run0

ASOA1 - Strat zonal mean abs diff for Jan



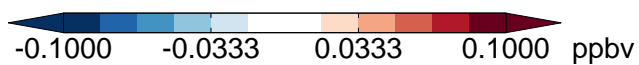
v11-02e-Run1 / v11-02e-Run0

ASOA1 - Strat zonal mean % diff for Jan



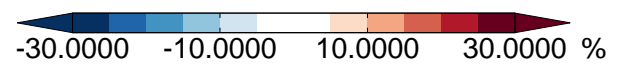
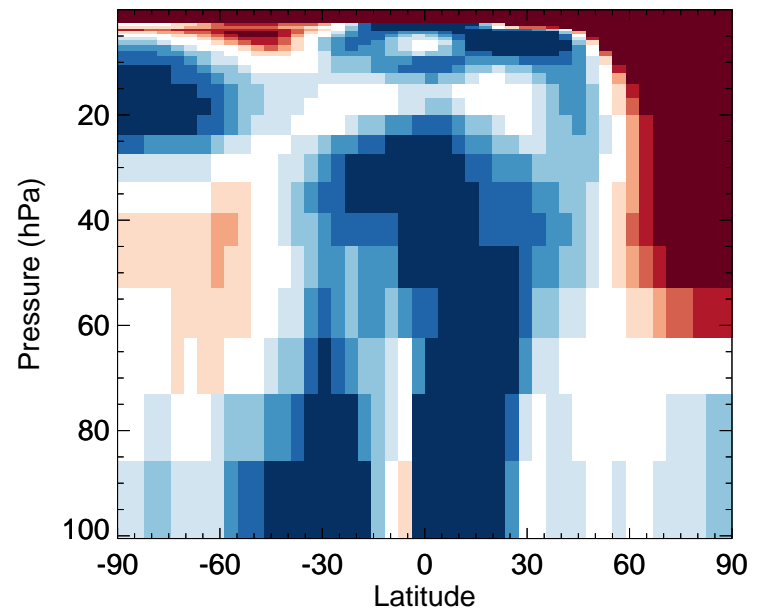
v11-02e-Run1 - v11-02d-Run1

ASOA1 - Strat zonal mean abs diff for Jan



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

ASOA1 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

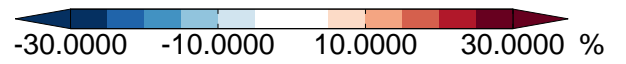
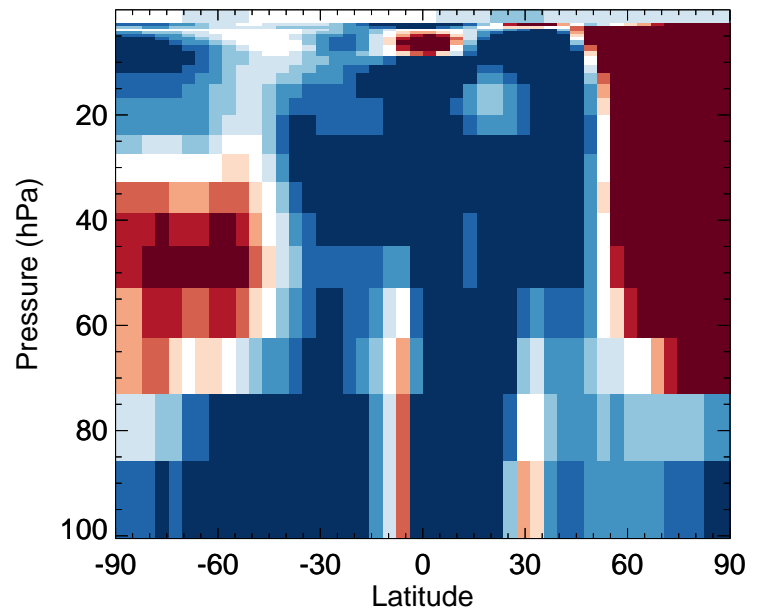
v11-02e-Run1 - v11-02e-Run0

ASOA2 - Strat zonal mean abs diff for Jan



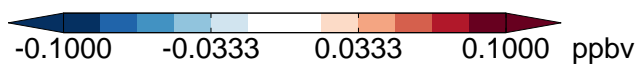
v11-02e-Run1 / v11-02e-Run0

ASOA2 - Strat zonal mean % diff for Jan



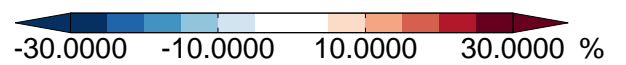
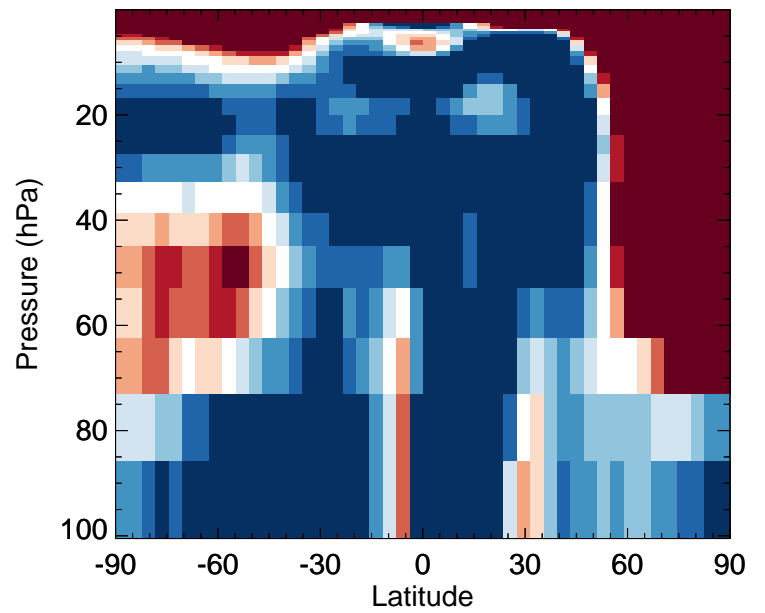
v11-02e-Run1 - v11-02d-Run1

ASOA2 - Strat zonal mean abs diff for Jan



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

ASOA2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

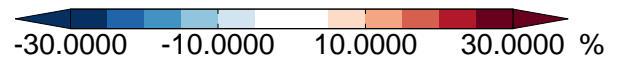
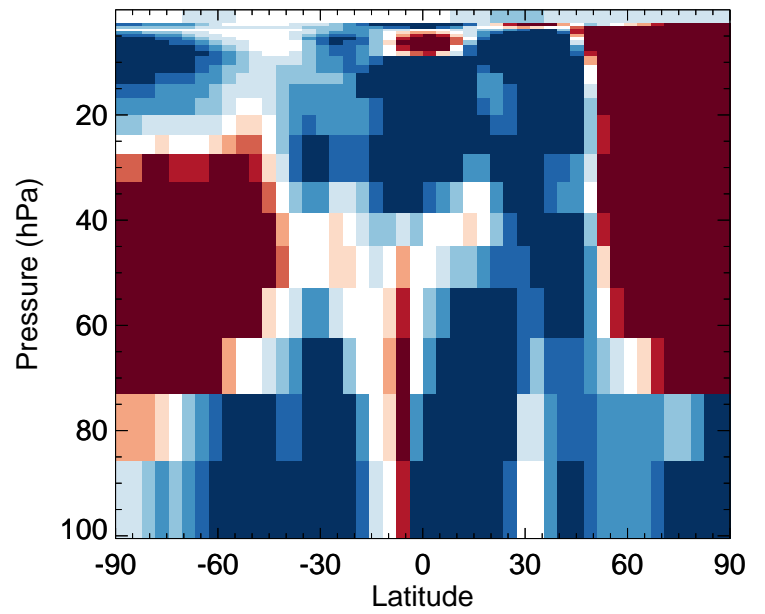
v11-02e-Run1 - v11-02e-Run0

ASOA3 - Strat zonal mean abs diff for Jan



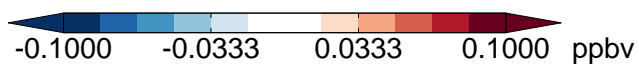
v11-02e-Run1 / v11-02e-Run0

ASOA3 - Strat zonal mean % diff for Jan



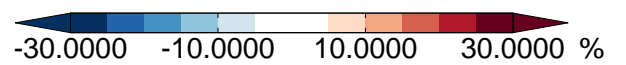
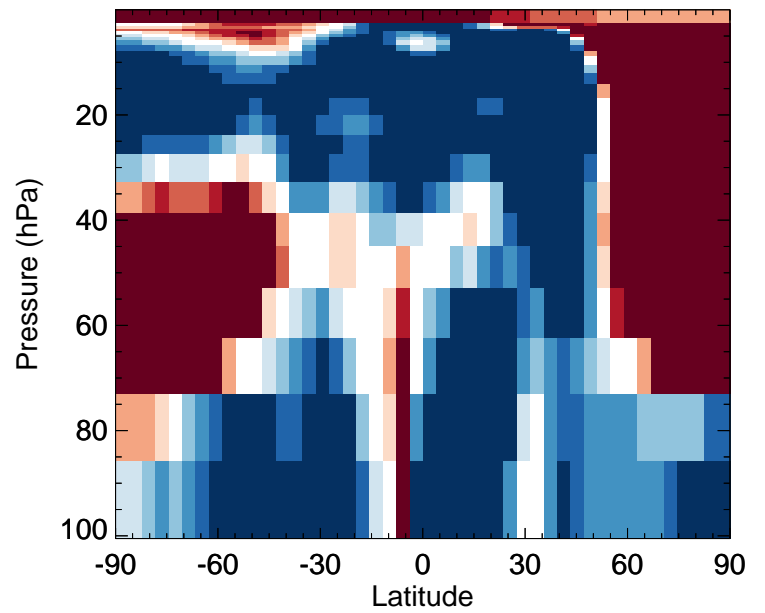
v11-02e-Run1 - v11-02d-Run1

ASOA3 - Strat zonal mean abs diff for Jan



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

ASOA3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

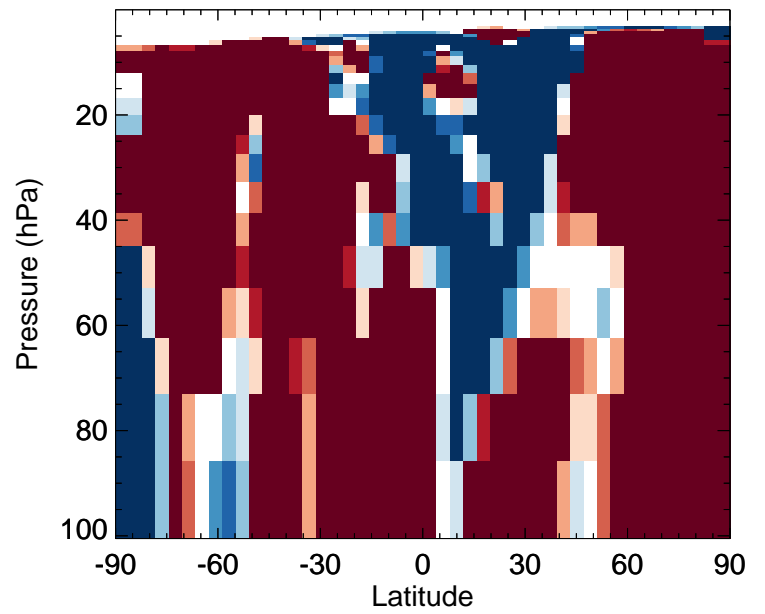
v11-02e-Run1 - v11-02e-Run0

SOAP - Strat zonal mean abs diff for Jan



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

SOAP - Strat zonal mean % diff for Jan



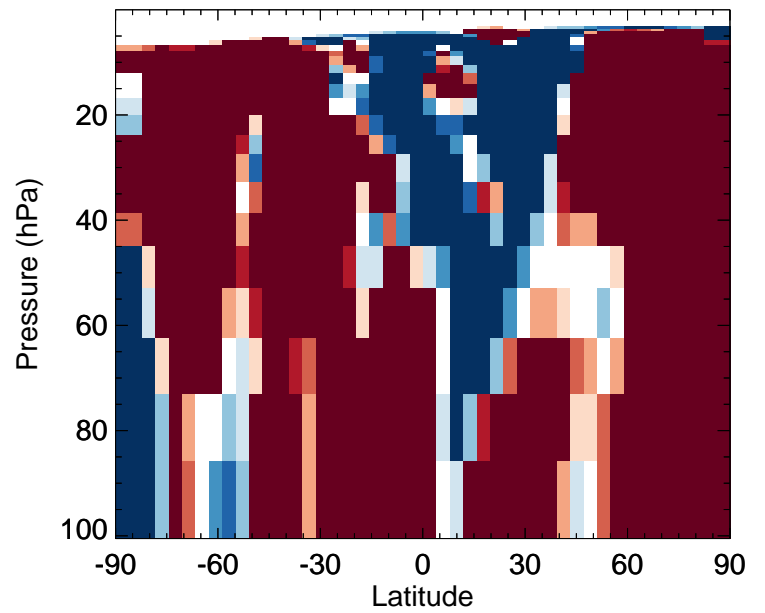
v11-02e-Run1 - v11-02d-Run1

SOAP - Strat zonal mean abs diff for Jan



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

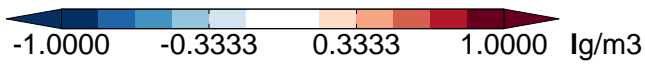
SOAP - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

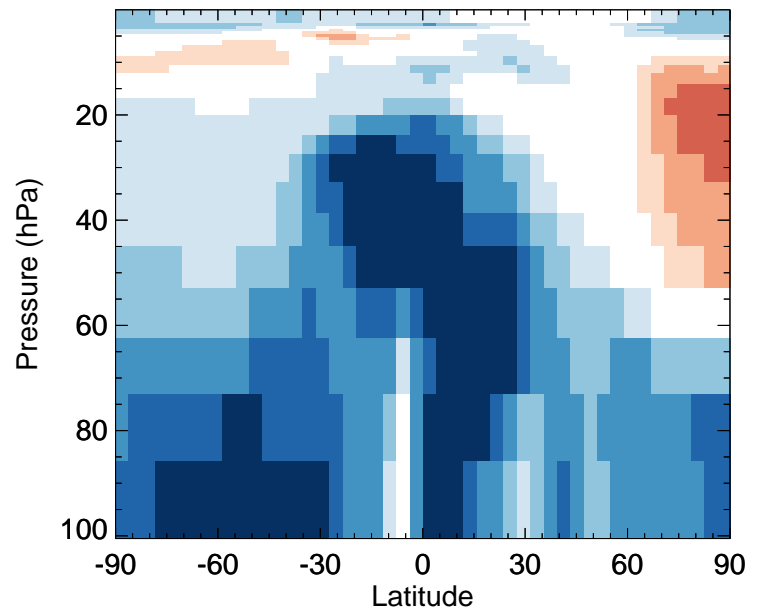
v11-02e-Run1 - v11-02e-Run0

SOAS - Strat zonal mean abs diff for Jan



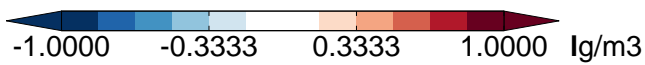
v11-02e-Run1 / v11-02e-Run0

SOAS - Strat zonal mean % diff for Jan



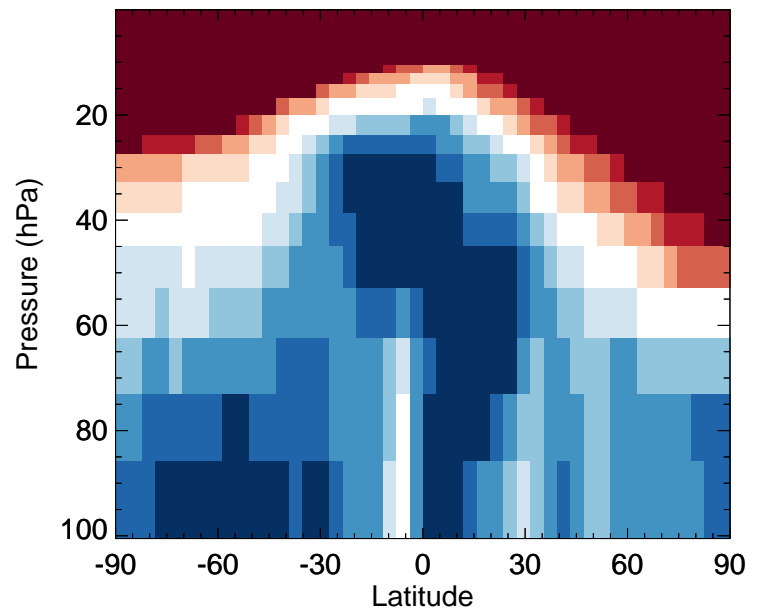
v11-02e-Run1 - v11-02d-Run1

SOAS - Strat zonal mean abs diff for Jan



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

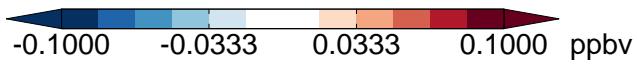
SOAS - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

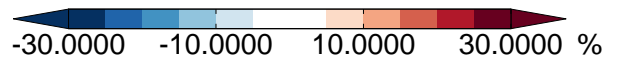
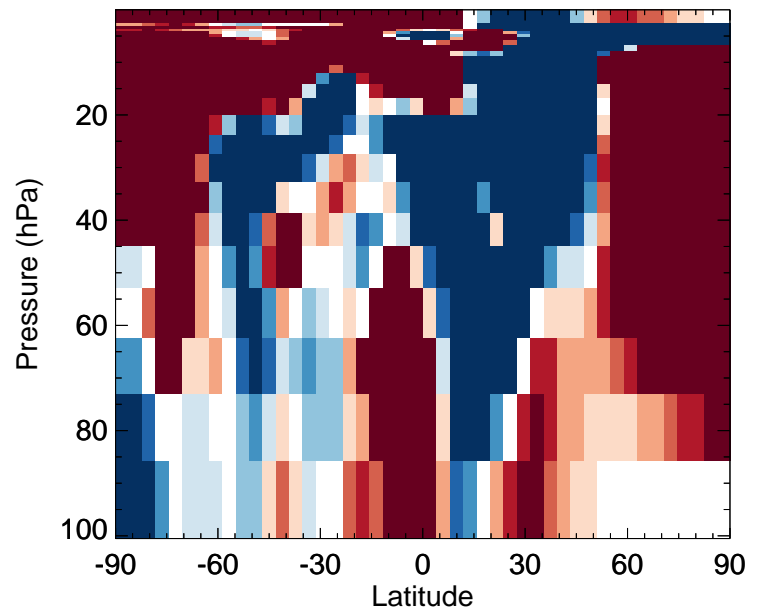
v11-02e-Run1 - v11-02e-Run0

EOH - Strat zonal mean abs diff for Jan



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

EOH - Strat zonal mean % diff for Jan



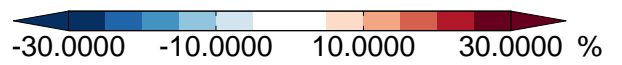
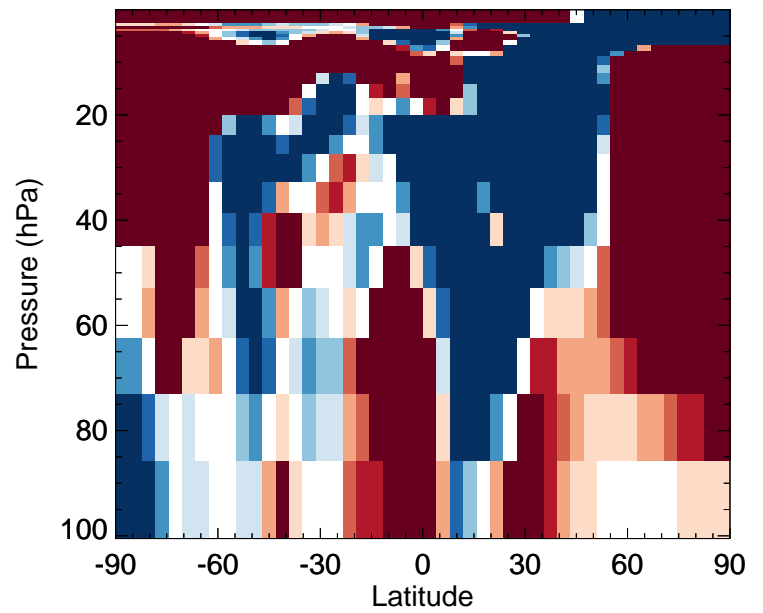
v11-02e-Run1 - v11-02d-Run1

EOH - Strat zonal mean abs diff for Jan



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

EOH - Strat zonal mean % diff for Jan





# GEOS-Chem Stratospheric Zonal Difference Maps

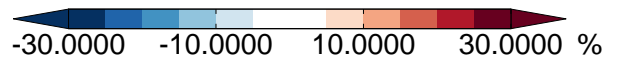
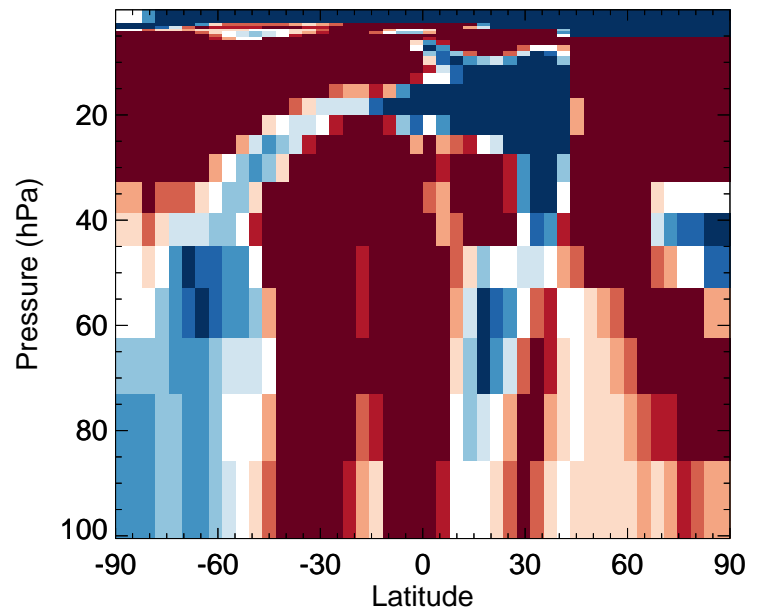
v11-02e-Run1 - v11-02e-Run0

MGLY - Strat zonal mean abs diff for Jan



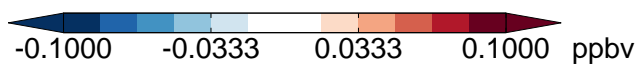
v11-02e-Run1 / v11-02e-Run0

MGLY - Strat zonal mean % diff for Jan



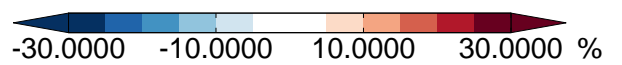
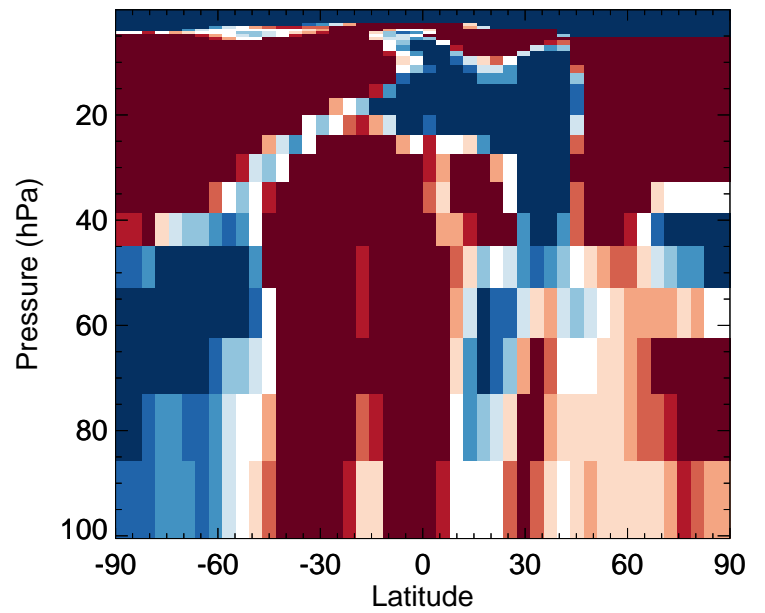
v11-02e-Run1 - v11-02d-Run1

MGLY - Strat zonal mean abs diff for Jan



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

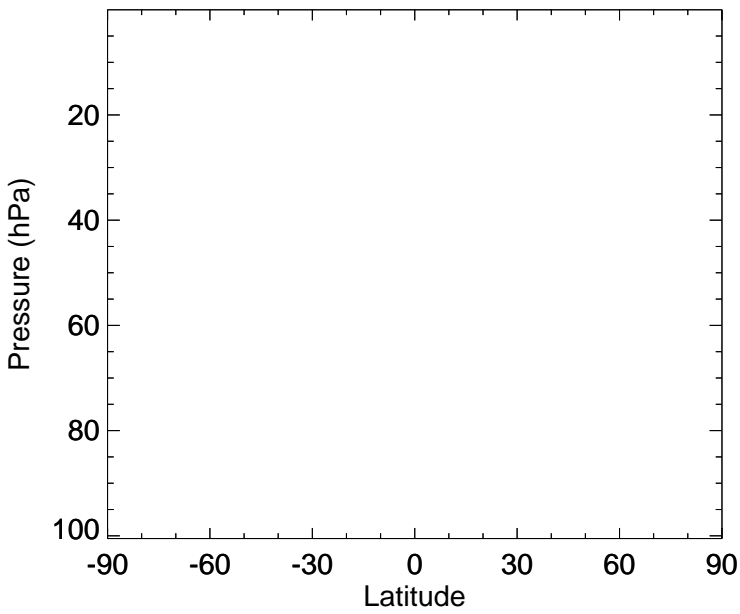
MGLY - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

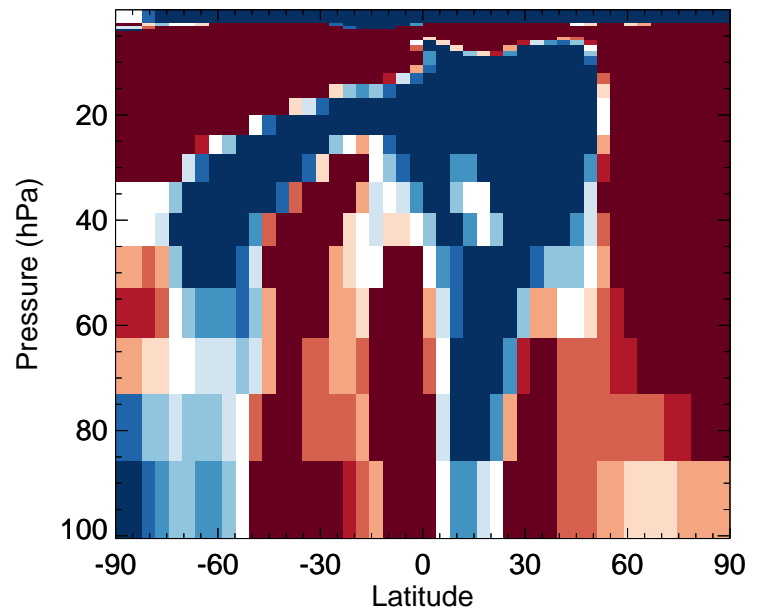
v11-02e-Run1 - v11-02e-Run0

GLYX - Strat zonal mean abs diff for Jan



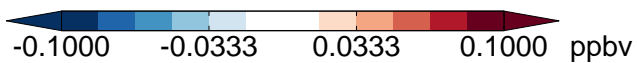
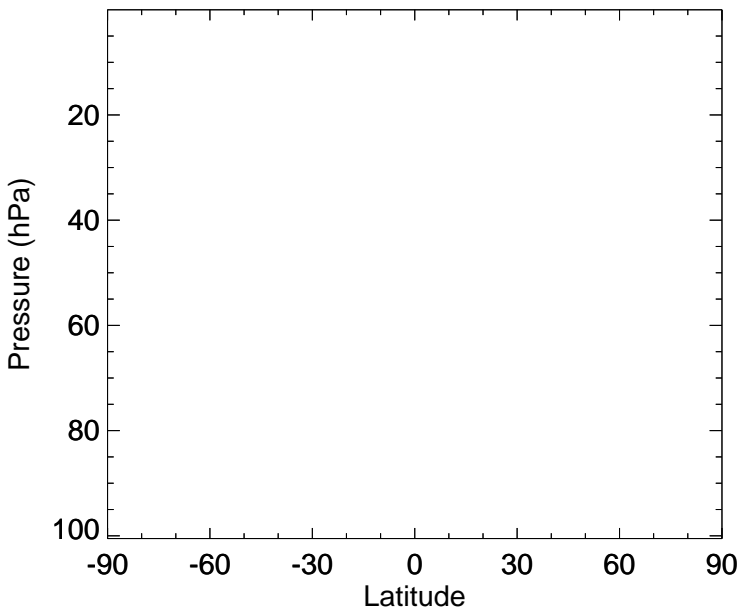
v11-02e-Run1 / v11-02e-Run0

GLYX - Strat zonal mean % diff for Jan



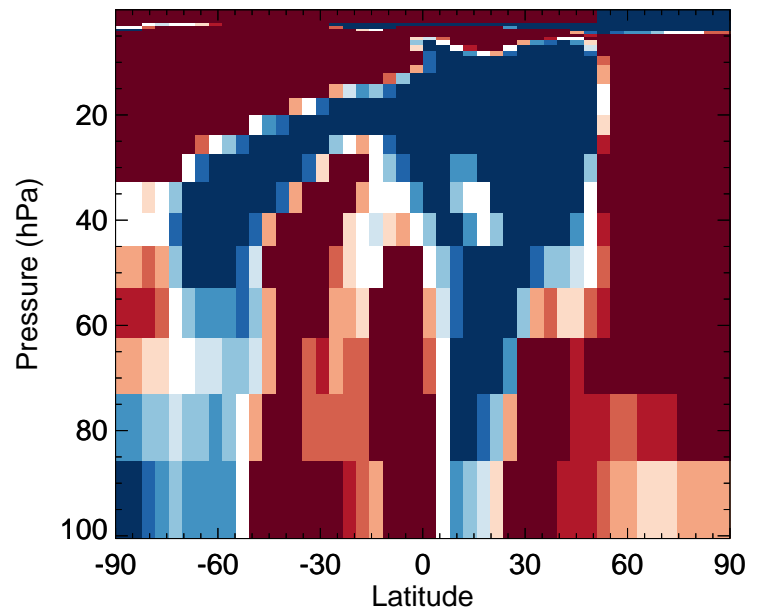
v11-02e-Run1 - v11-02d-Run1

GLYX - Strat zonal mean abs diff for Jan



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

GLYX - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

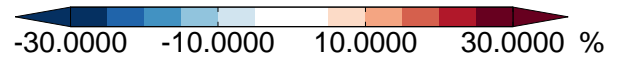
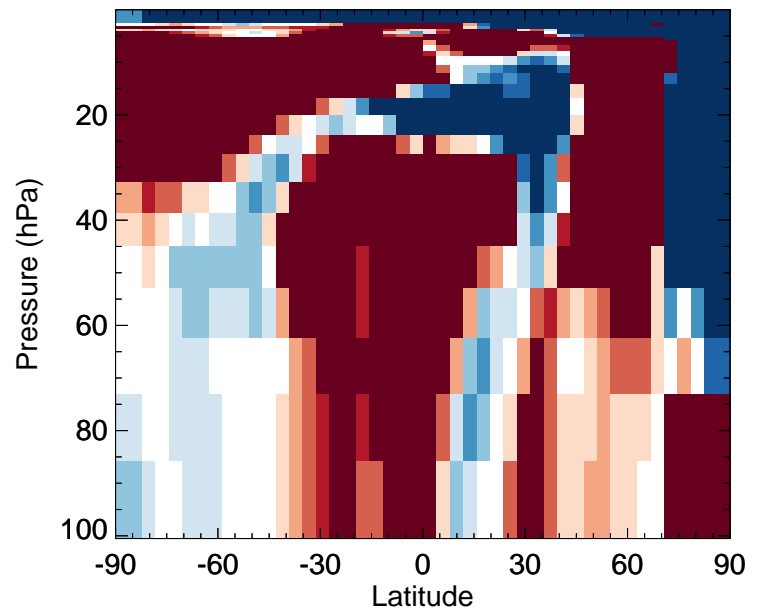
v11-02e-Run1 - v11-02e-Run0

ACTA - Strat zonal mean abs diff for Jan



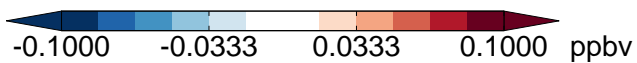
v11-02e-Run1 / v11-02e-Run0

ACTA - Strat zonal mean % diff for Jan



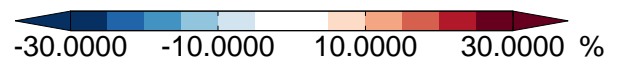
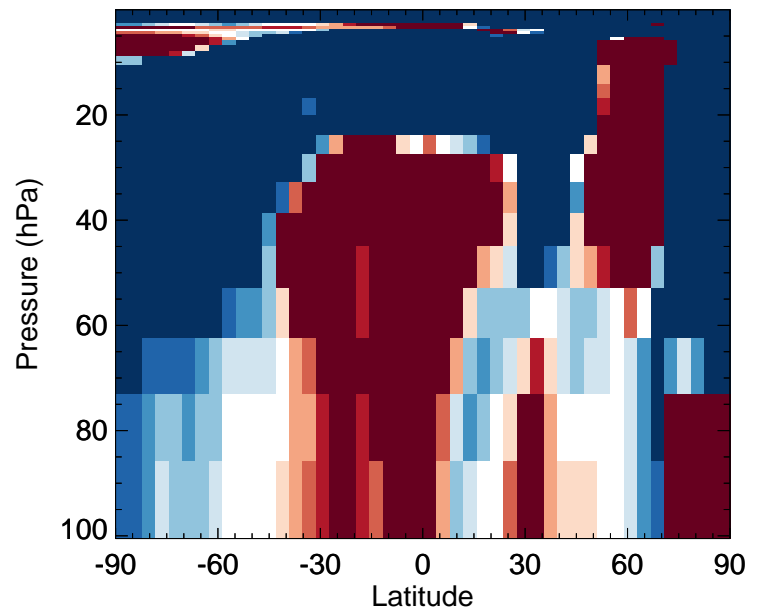
v11-02e-Run1 - v11-02d-Run1

ACTA - Strat zonal mean abs diff for Jan



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

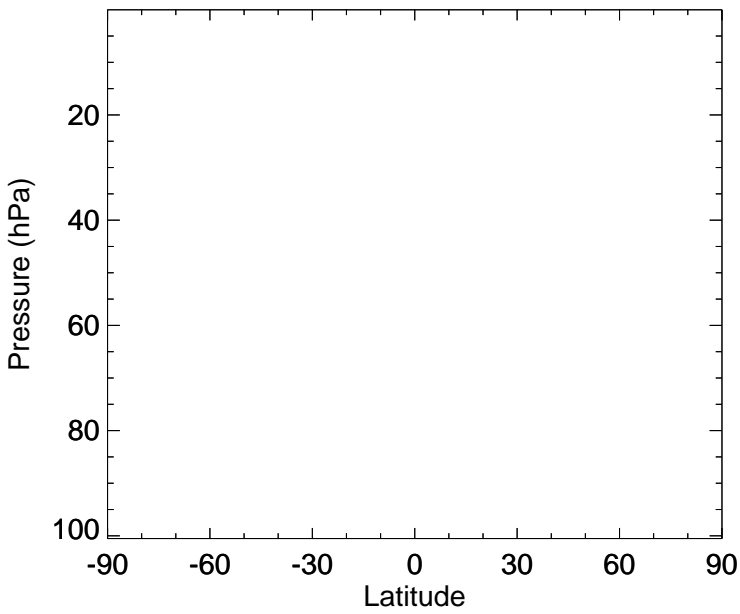
ACTA - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

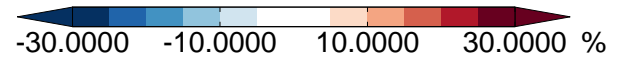
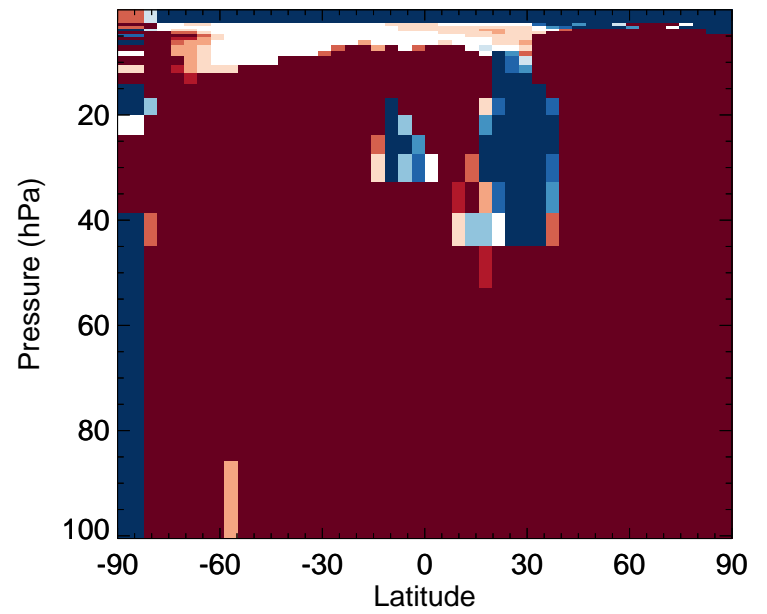
v11-02e-Run1 - v11-02e-Run0

HPALD - Strat zonal mean abs diff for Jan



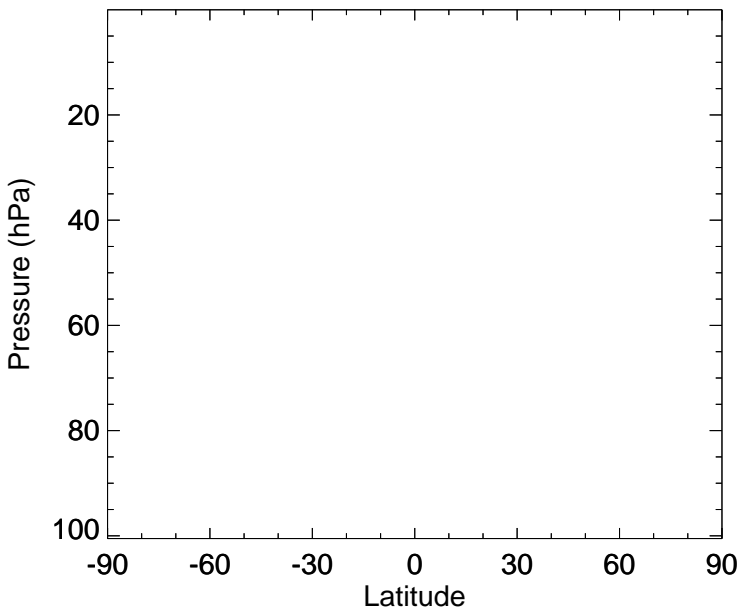
v11-02e-Run1 / v11-02e-Run0

HPALD - Strat zonal mean % diff for Jan



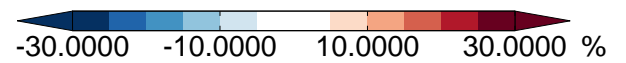
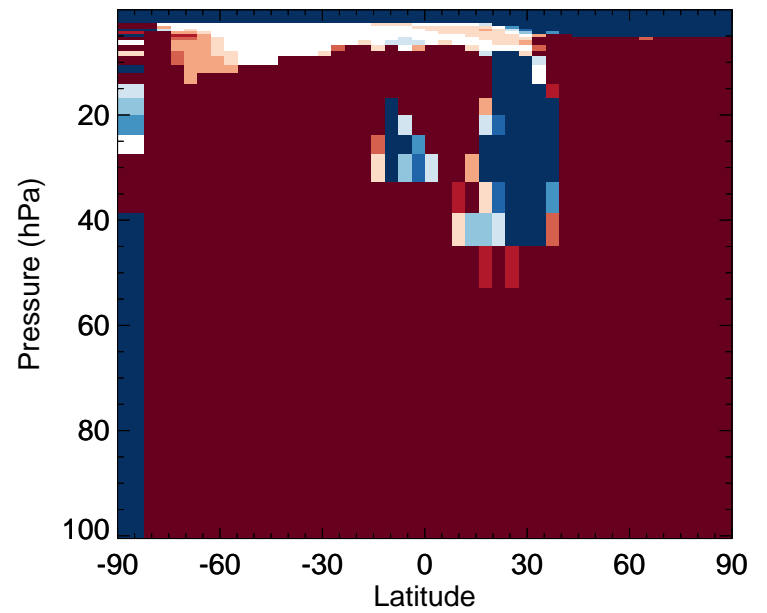
v11-02e-Run1 - v11-02d-Run1

HPALD - Strat zonal mean abs diff for Jan



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

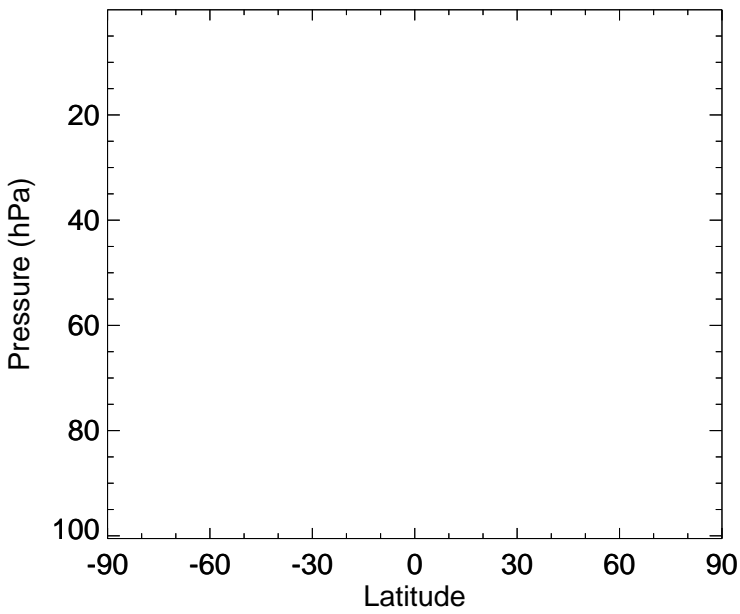
HPALD - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

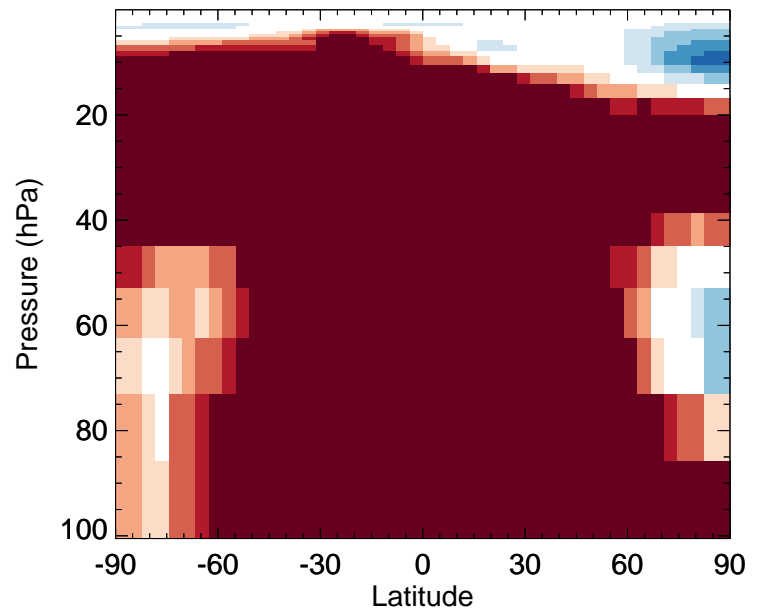
v11-02e-Run1 - v11-02e-Run0

DHDN - Strat zonal mean abs diff for Jan



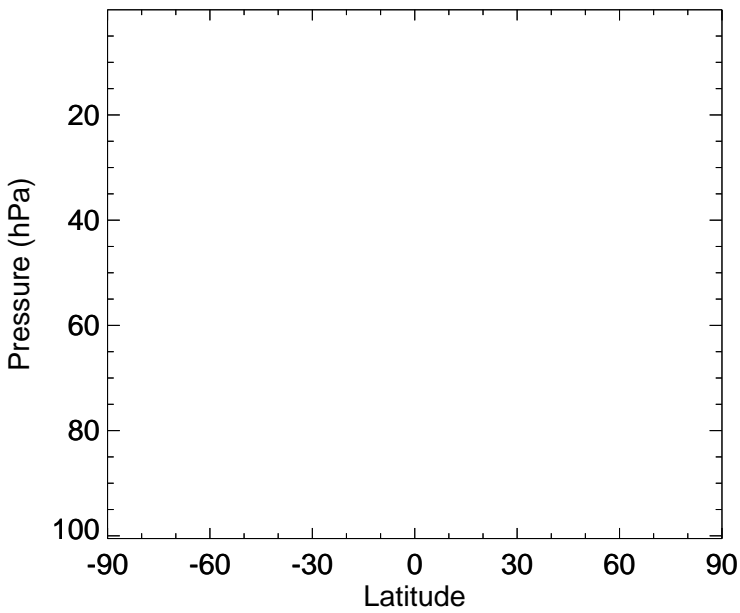
v11-02e-Run1 / v11-02e-Run0

DHDN - Strat zonal mean % diff for Jan



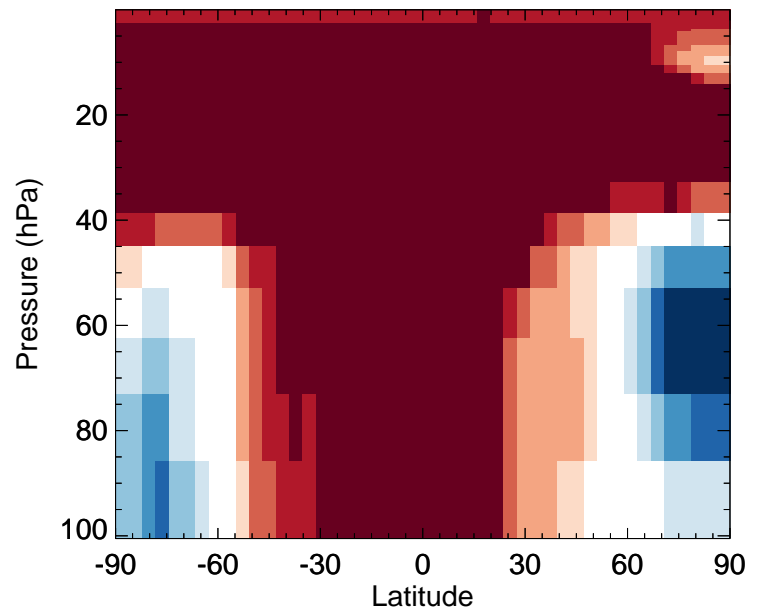
v11-02e-Run1 - v11-02d-Run1

DHDN - Strat zonal mean abs diff for Jan



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

DHDN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

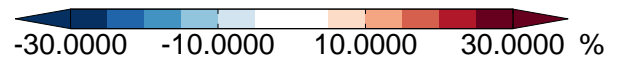
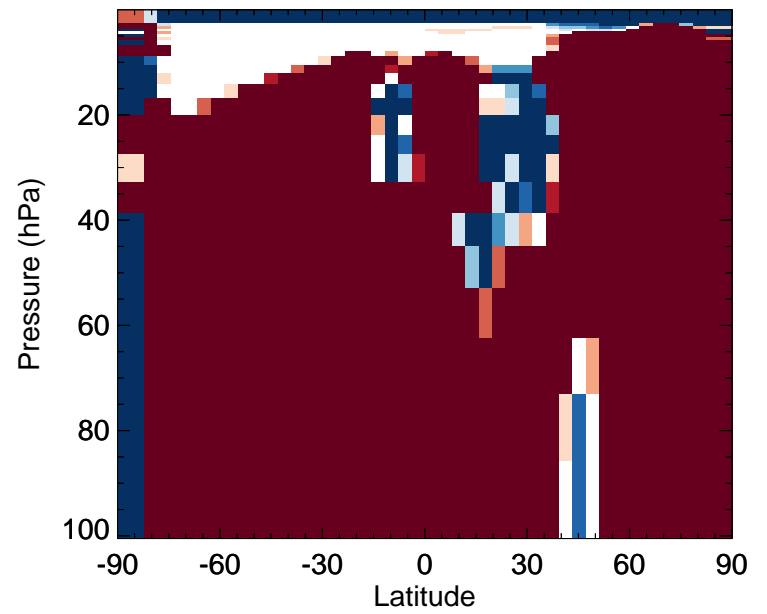
v11-02e-Run1 - v11-02e-Run0

ETHLN - Strat zonal mean abs diff for Jan



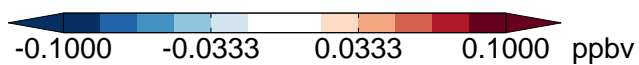
v11-02e-Run1 / v11-02e-Run0

ETHLN - Strat zonal mean % diff for Jan



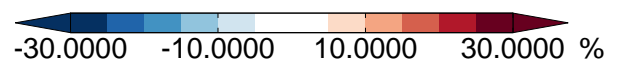
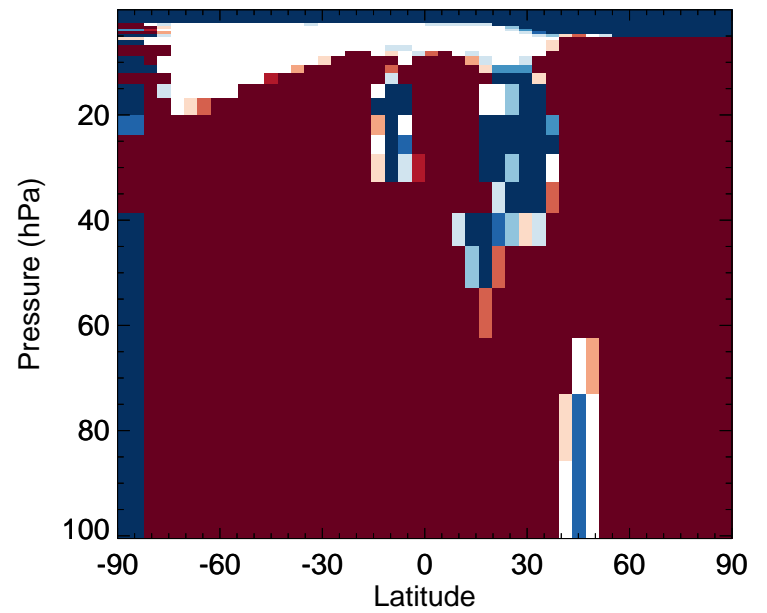
v11-02e-Run1 - v11-02d-Run1

ETHLN - Strat zonal mean abs diff for Jan



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

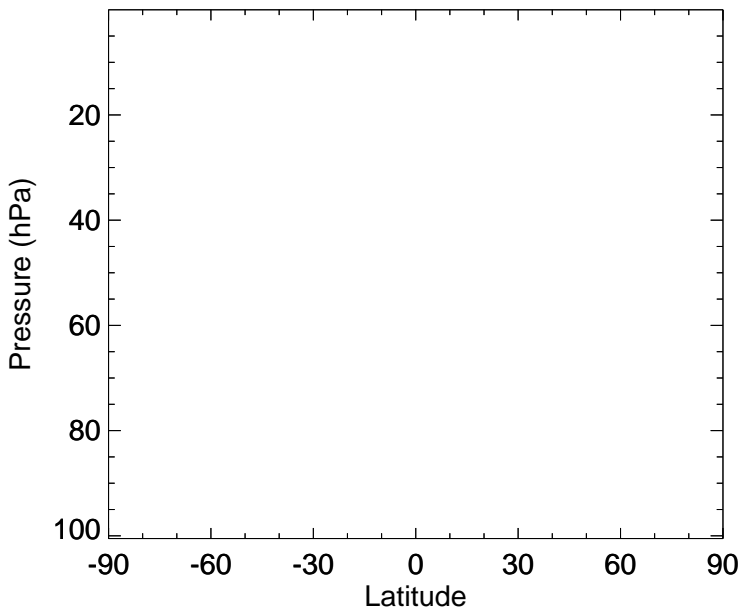
ETHLN - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

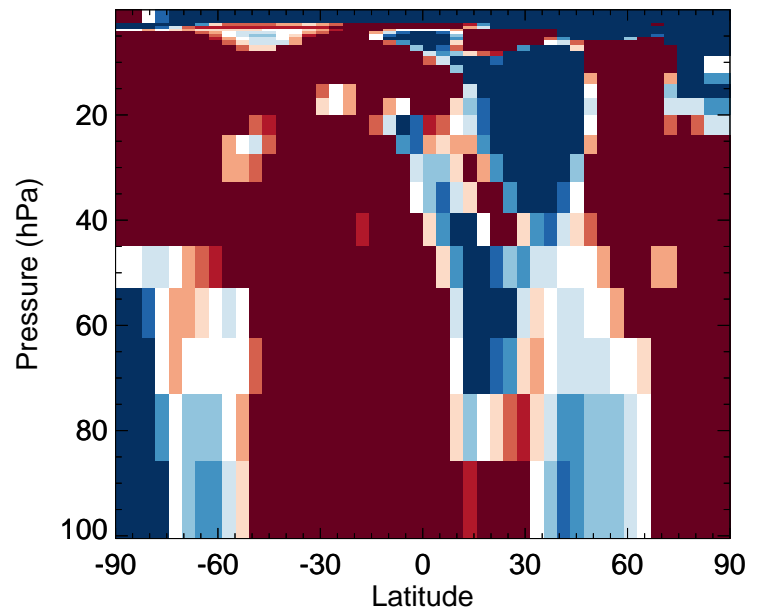
v11-02e-Run1 - v11-02e-Run0

HCOOH - Strat zonal mean abs diff for Jan



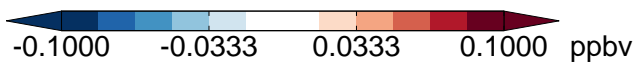
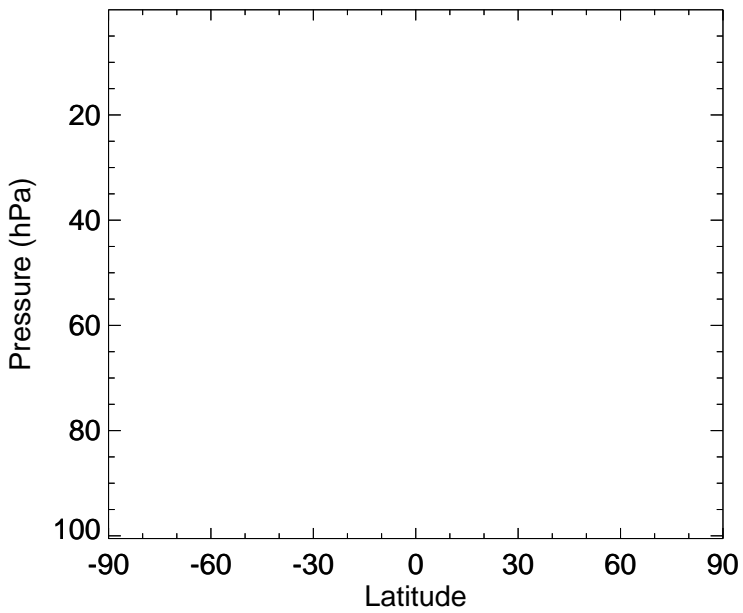
v11-02e-Run1 / v11-02e-Run0

HCOOH - Strat zonal mean % diff for Jan



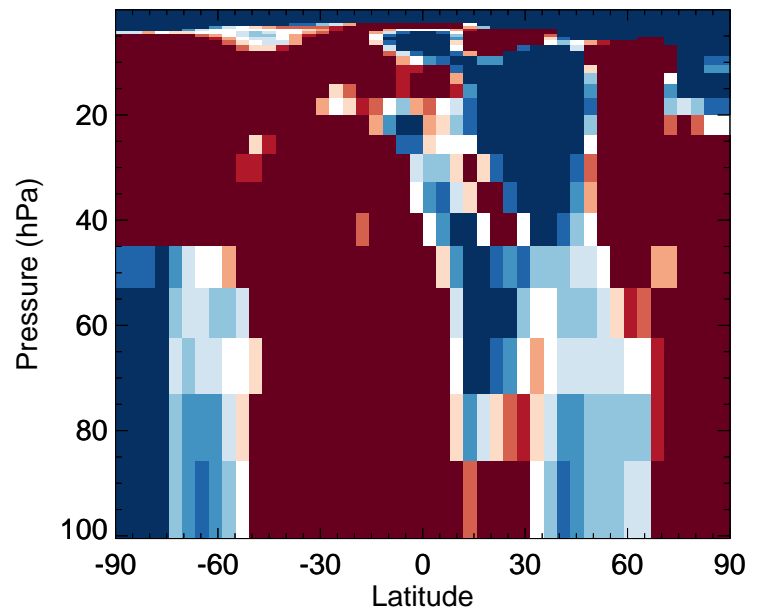
v11-02e-Run1 - v11-02d-Run1

HCOOH - Strat zonal mean abs diff for Jan



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

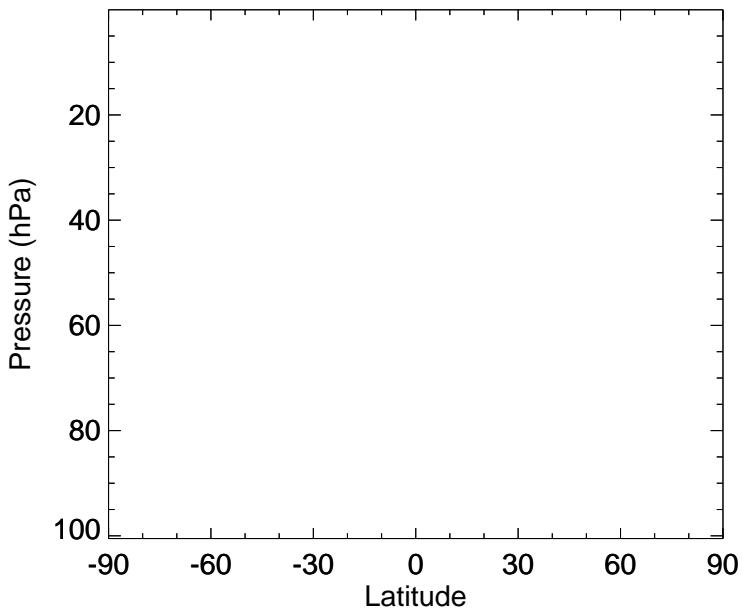
HCOOH - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

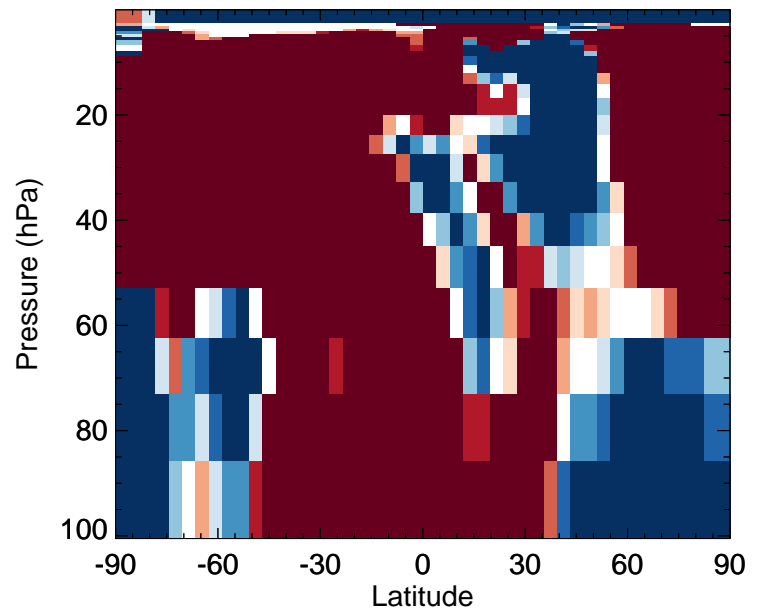
v11-02e-Run1 - v11-02e-Run0

IEPOXA - Strat zonal mean abs diff for Jan



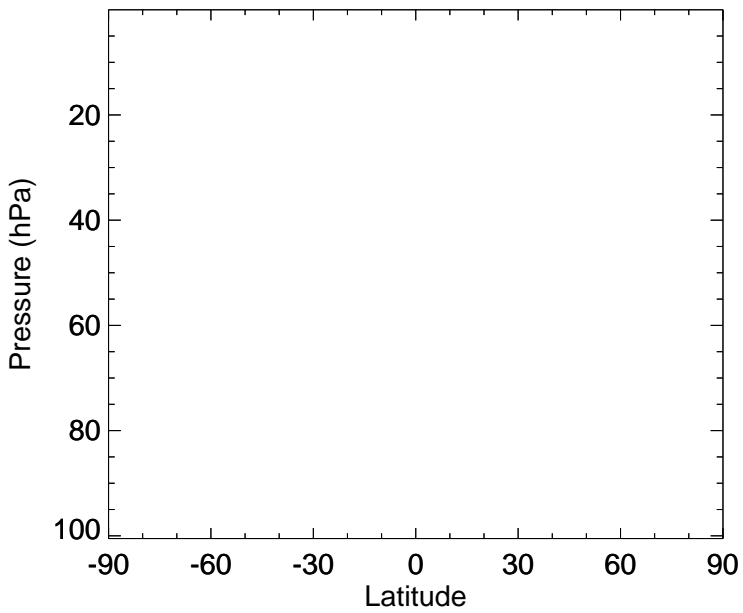
v11-02e-Run1 / v11-02e-Run0

IEPOXA - Strat zonal mean % diff for Jan



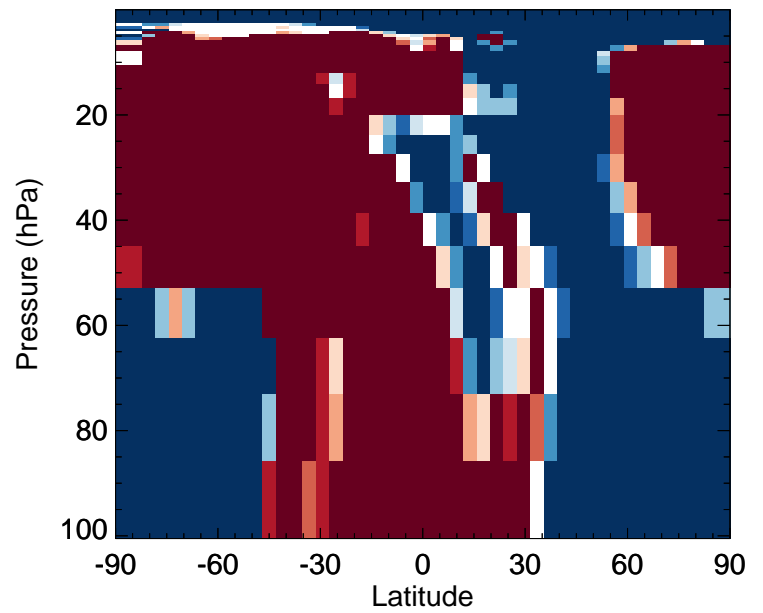
v11-02e-Run1 - v11-02d-Run1

IEPOXA - Strat zonal mean abs diff for Jan



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

IEPOXA - Strat zonal mean % diff for Jan

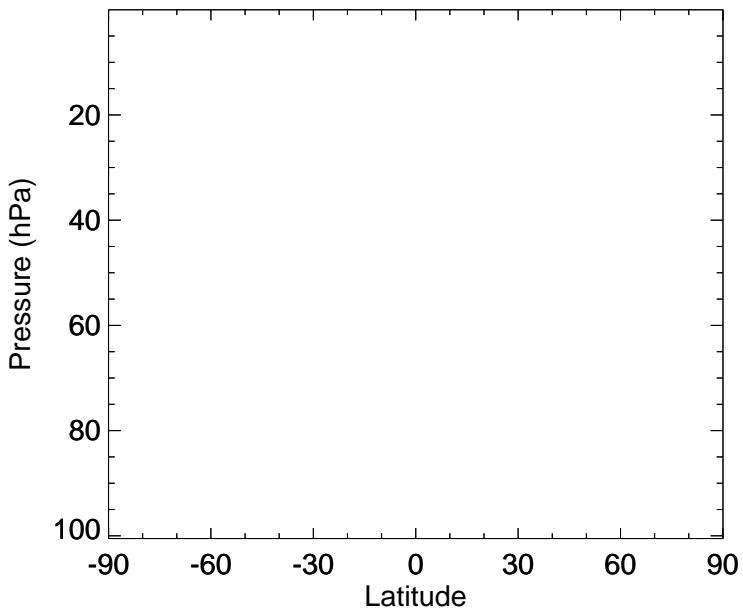




# GEOS-Chem Stratospheric Zonal Difference Maps

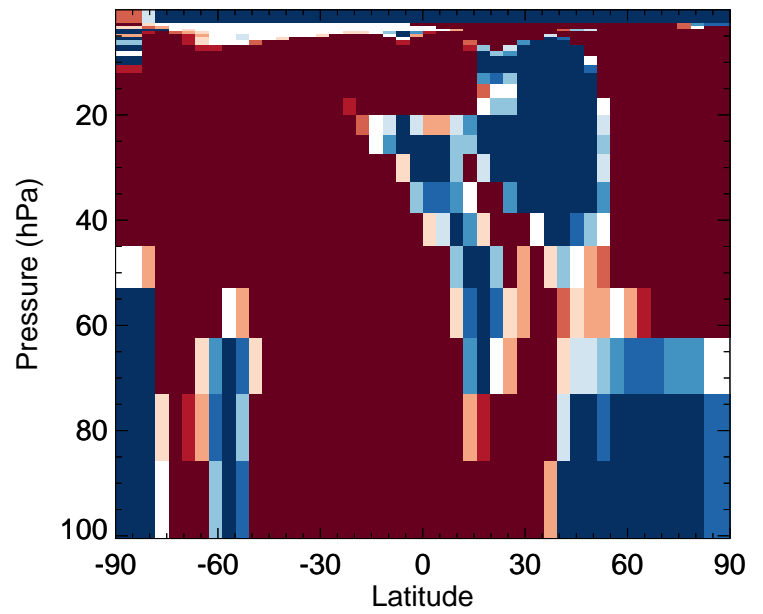
v11-02e-Run1 - v11-02e-Run0

IEPOXB - Strat zonal mean abs diff for Jan



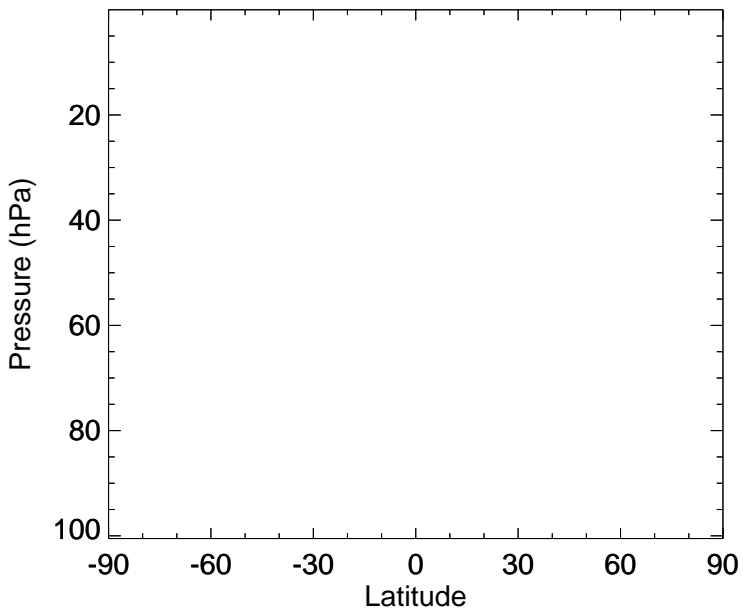
v11-02e-Run1 / v11-02e-Run0

IEPOXB - Strat zonal mean % diff for Jan



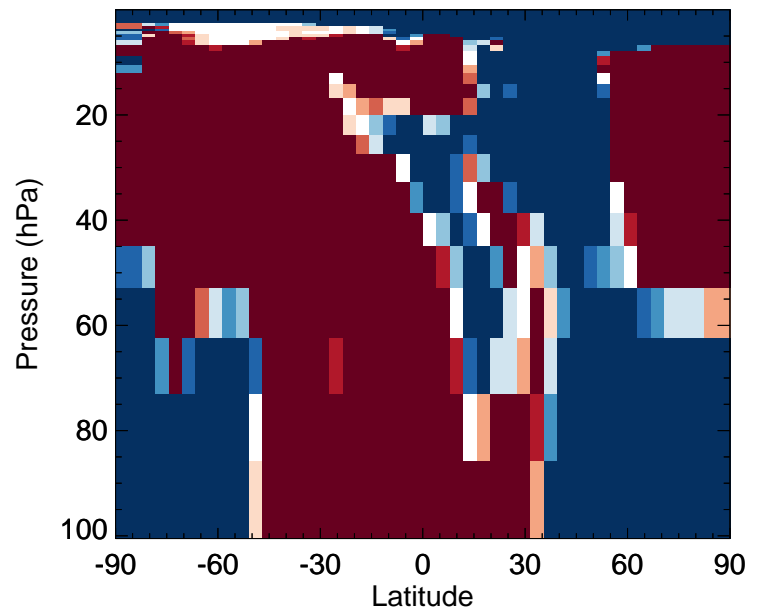
v11-02e-Run1 - v11-02d-Run1

IEPOXB - Strat zonal mean abs diff for Jan



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

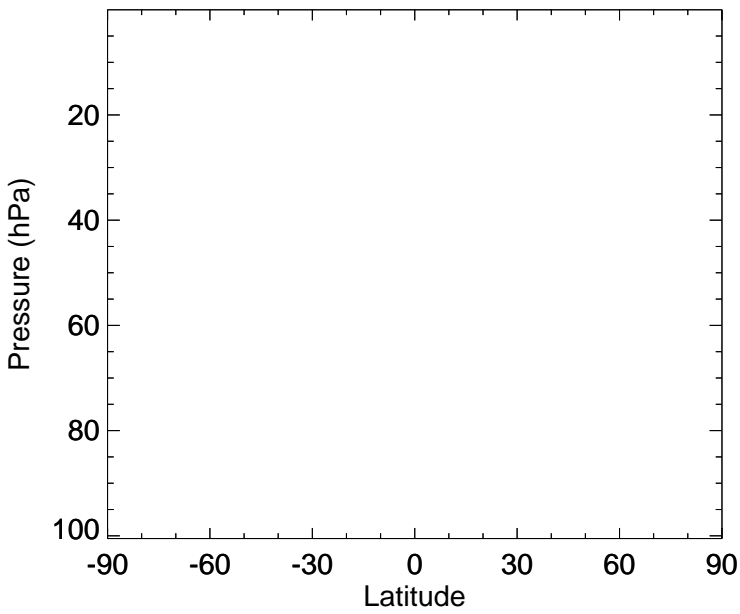
IEPOXB - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

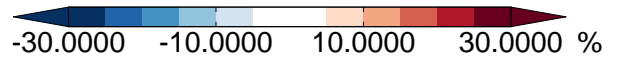
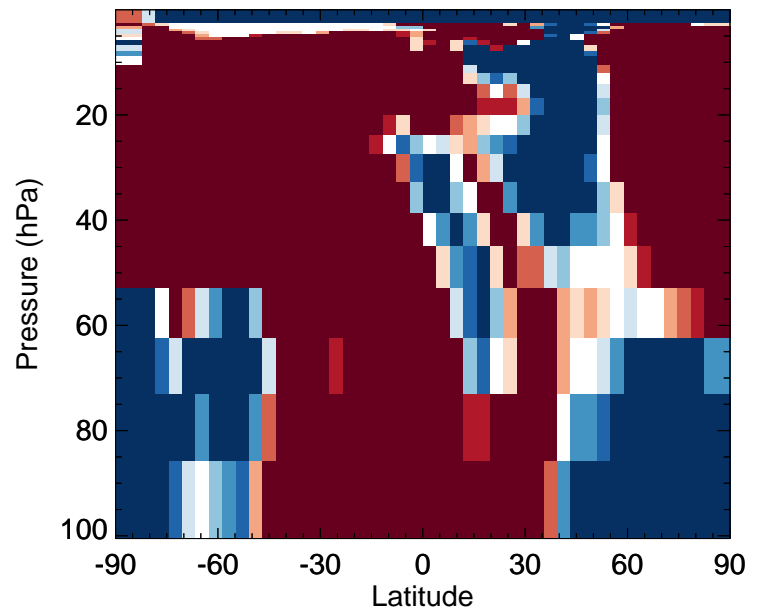
v11-02e-Run1 - v11-02e-Run0

IEPOXD - Strat zonal mean abs diff for Jan



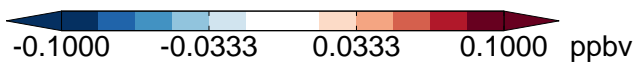
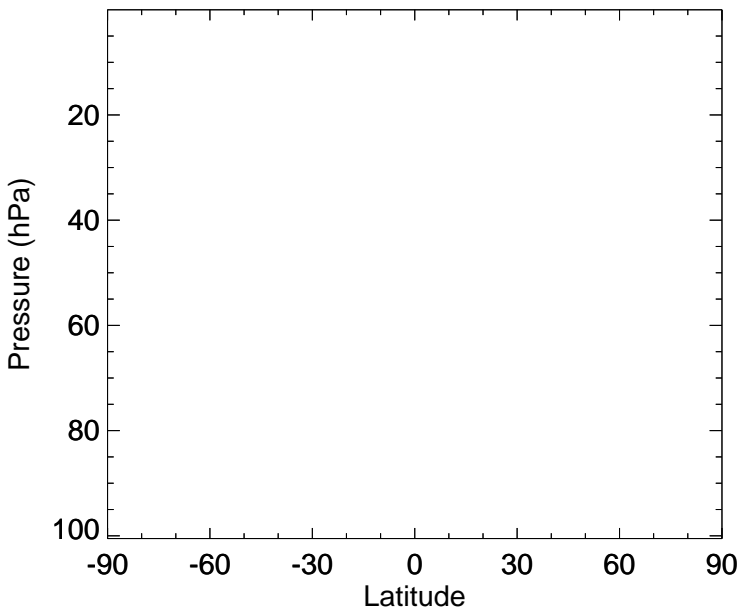
v11-02e-Run1 / v11-02e-Run0

IEPOXD - Strat zonal mean % diff for Jan



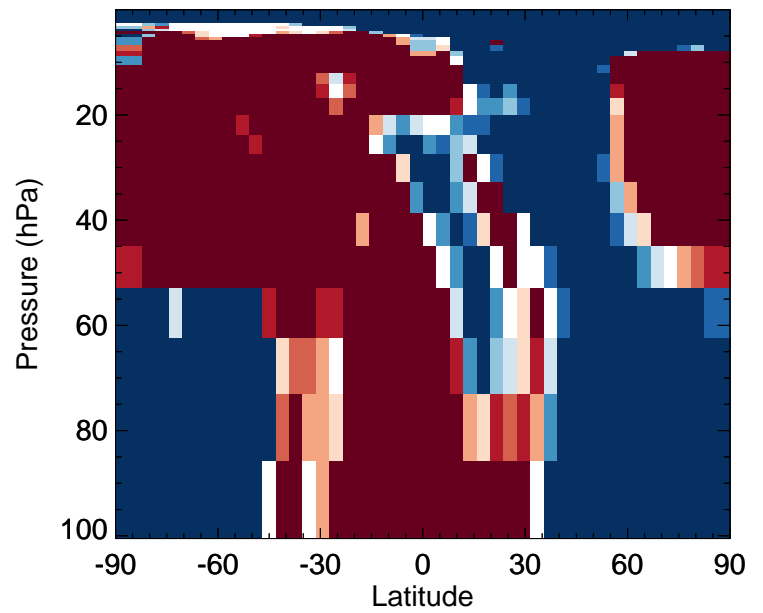
v11-02e-Run1 - v11-02d-Run1

IEPOXD - Strat zonal mean abs diff for Jan



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

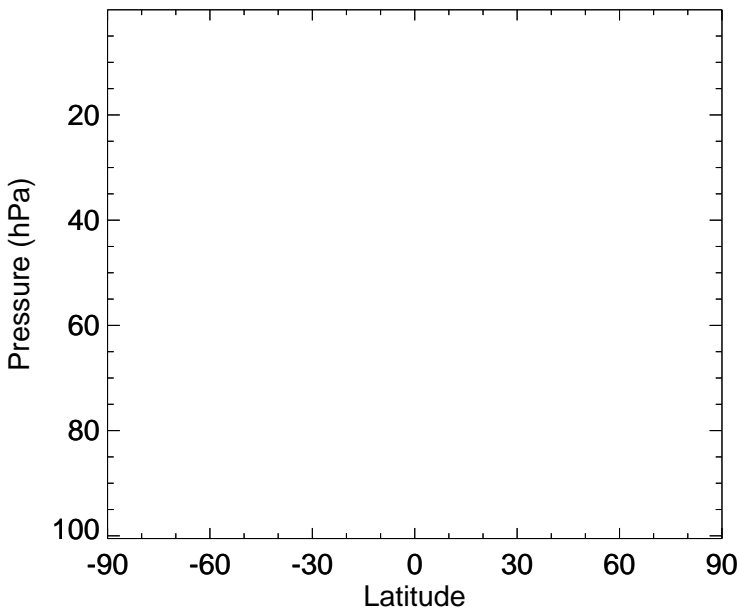
IEPOXD - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

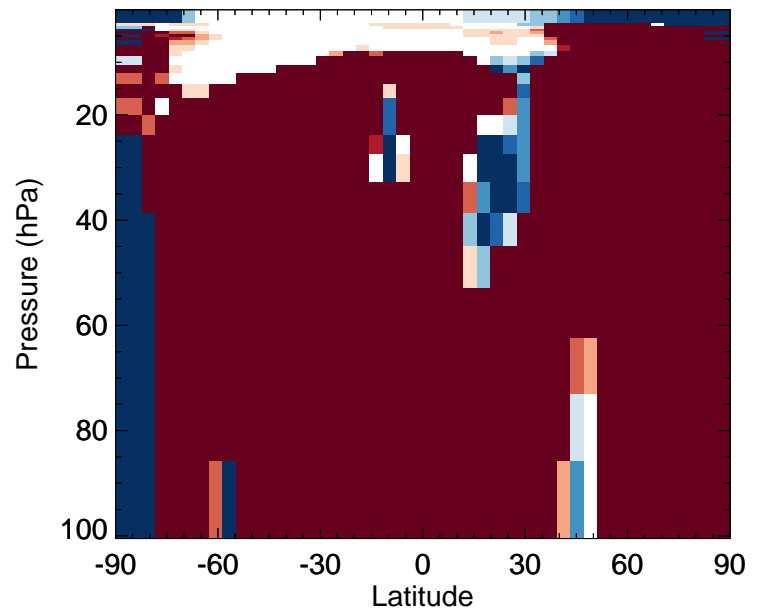
v11-02e-Run1 - v11-02e-Run0

ISN1 - Strat zonal mean abs diff for Jan



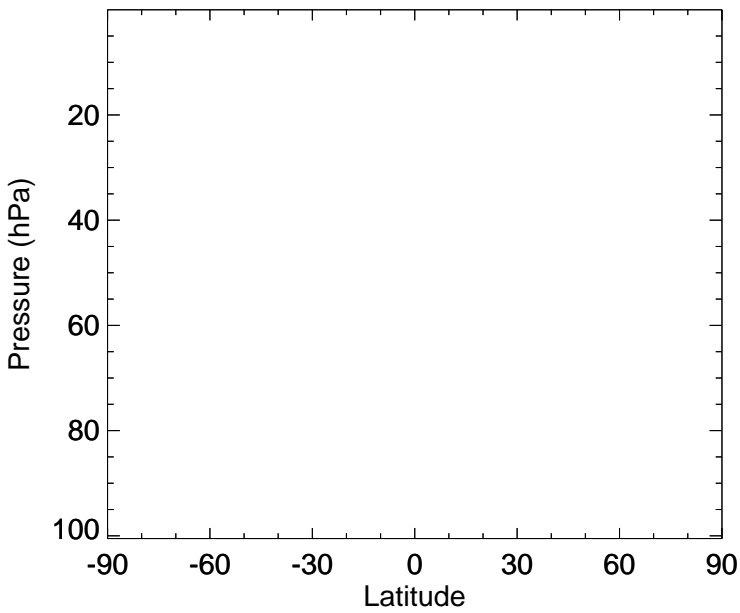
v11-02e-Run1 / v11-02e-Run0

ISN1 - Strat zonal mean % diff for Jan



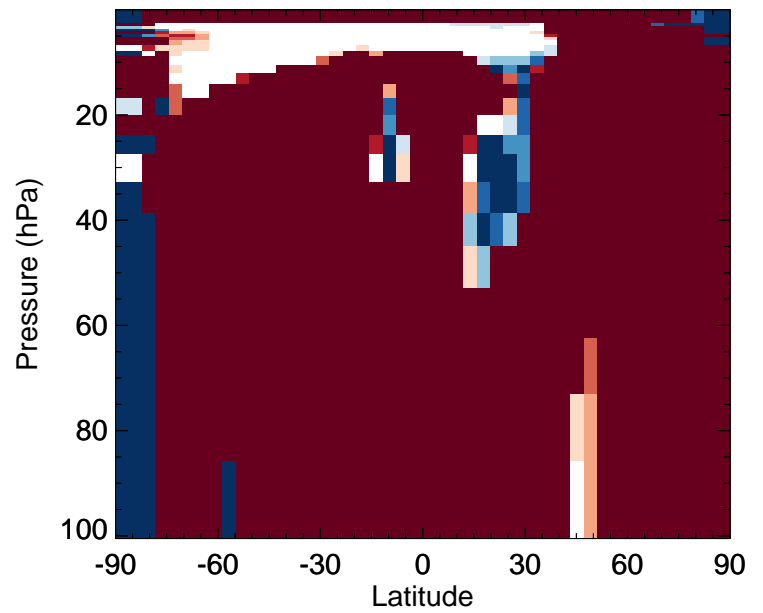
v11-02e-Run1 - v11-02d-Run1

ISN1 - Strat zonal mean abs diff for Jan



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

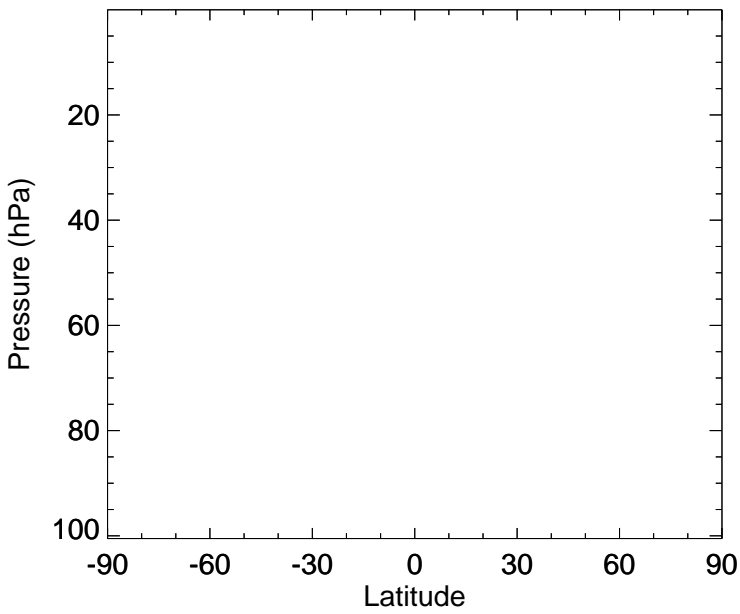
ISN1 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

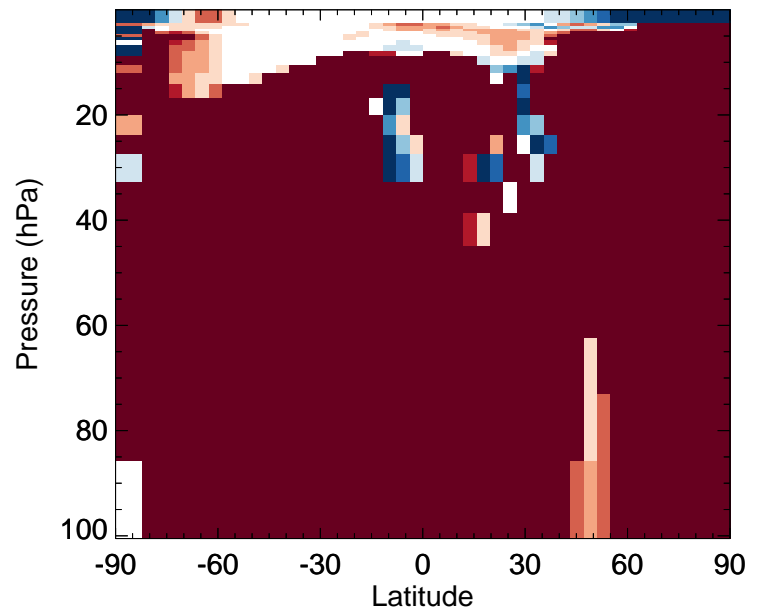
v11-02e-Run1 - v11-02e-Run0

RIPA - Strat zonal mean abs diff for Jan



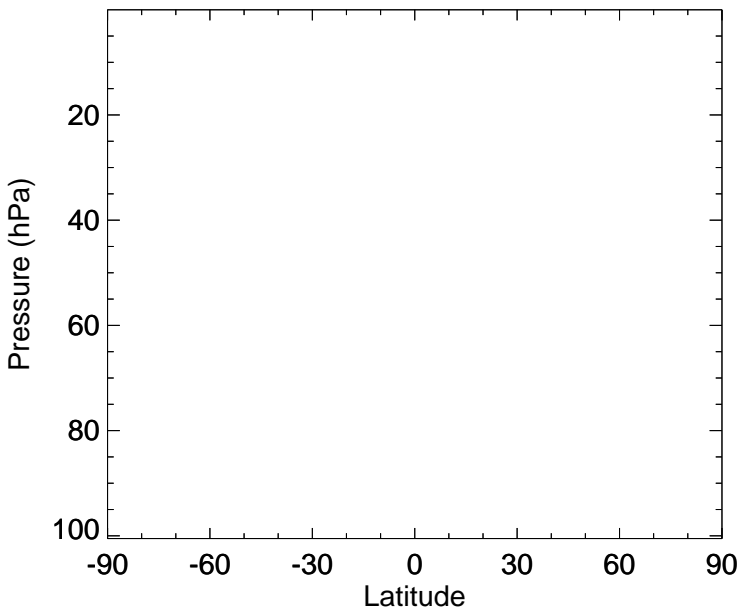
v11-02e-Run1 / v11-02e-Run0

RIPA - Strat zonal mean % diff for Jan



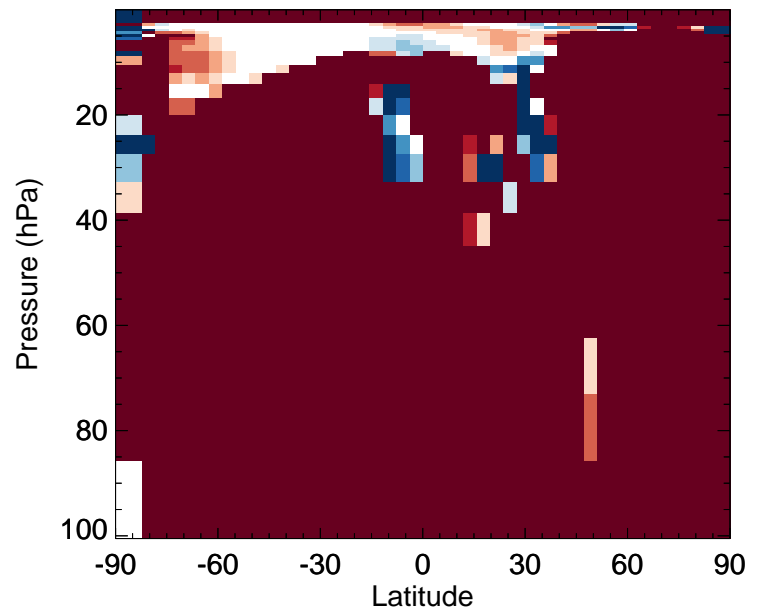
v11-02e-Run1 - v11-02d-Run1

RIPA - Strat zonal mean abs diff for Jan



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

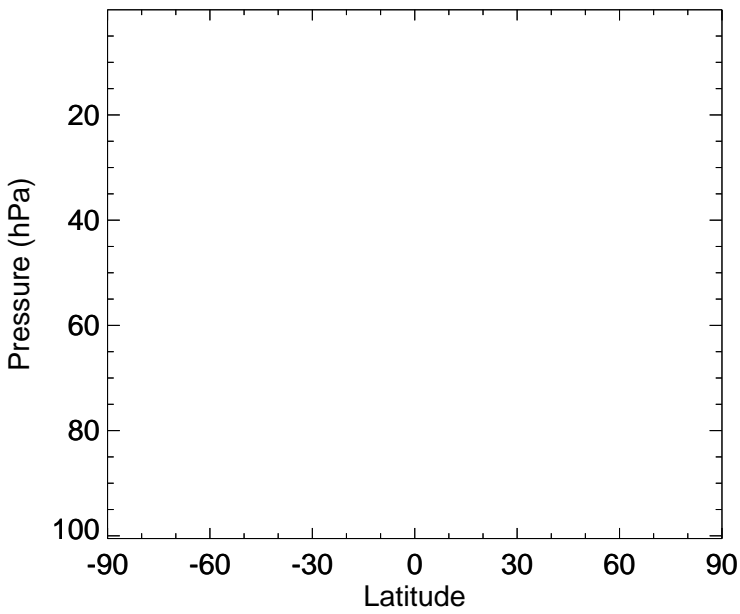
RIPA - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

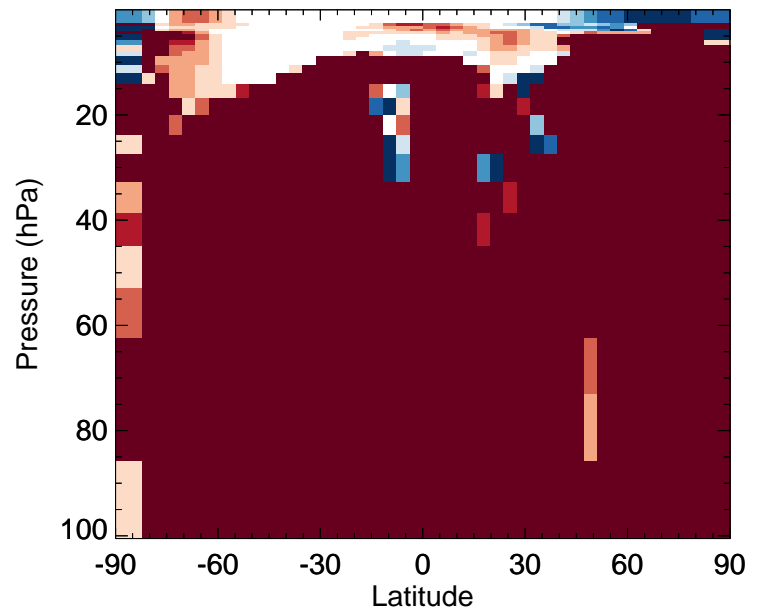
v11-02e-Run1 - v11-02e-Run0

RIPB - Strat zonal mean abs diff for Jan



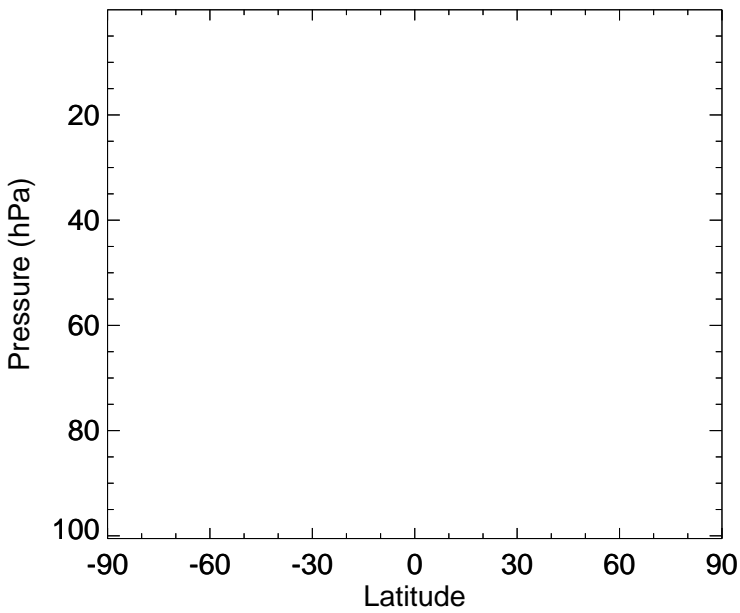
v11-02e-Run1 / v11-02e-Run0

RIPB - Strat zonal mean % diff for Jan



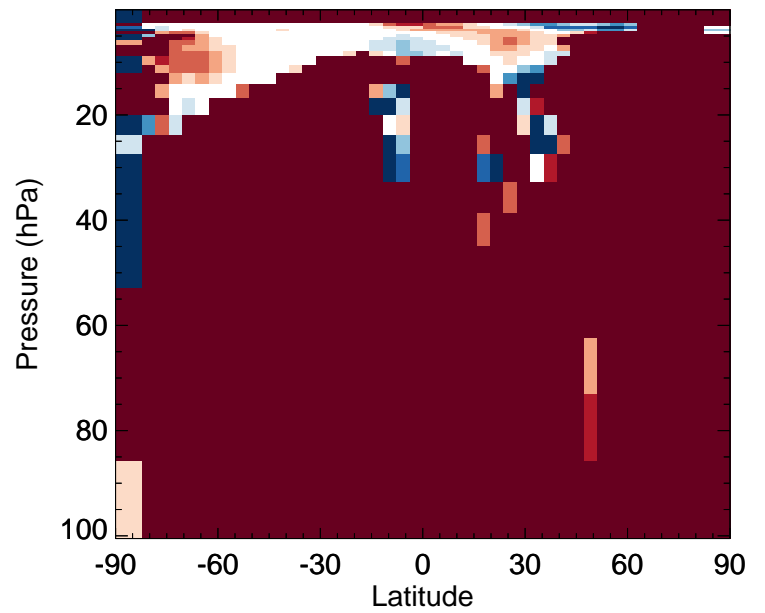
v11-02e-Run1 - v11-02d-Run1

RIPB - Strat zonal mean abs diff for Jan



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

RIPB - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

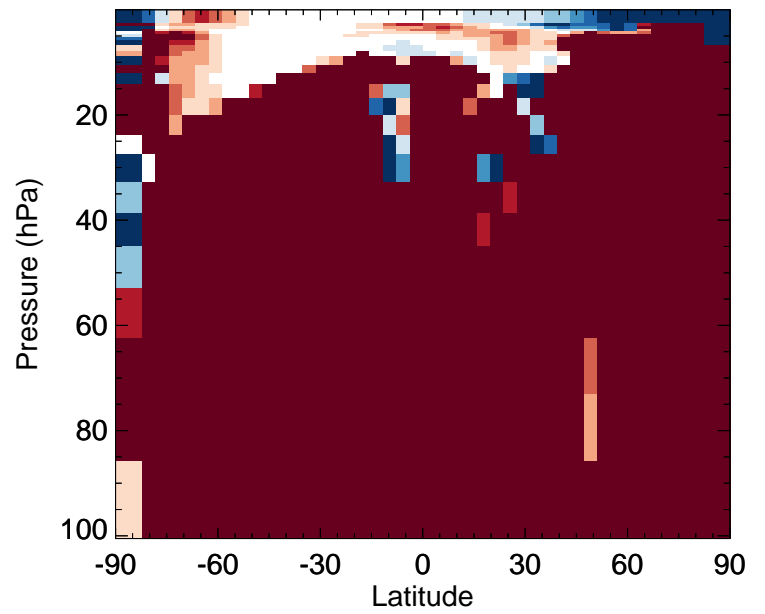
v11-02e-Run1 - v11-02e-Run0

RIPD - Strat zonal mean abs diff for Jan



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

RIPD - Strat zonal mean % diff for Jan



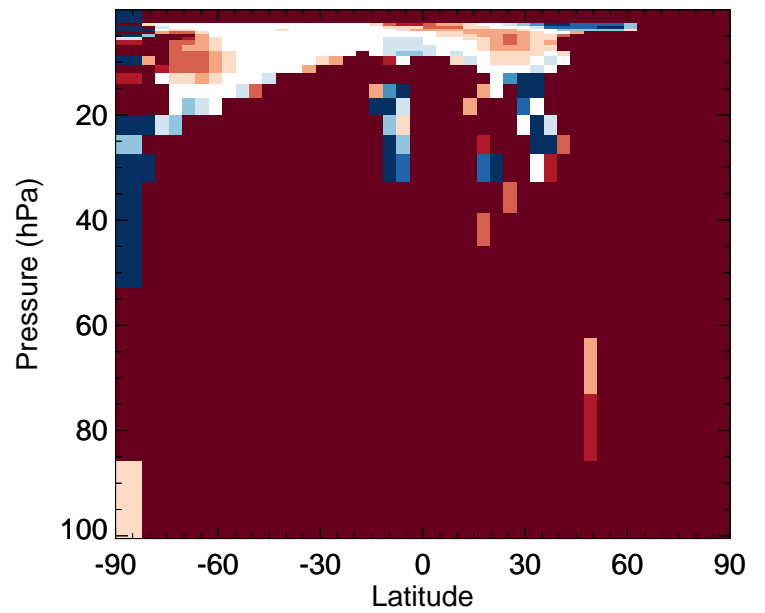
v11-02e-Run1 - v11-02d-Run1

RIPD - Strat zonal mean abs diff for Jan



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

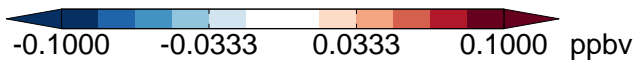
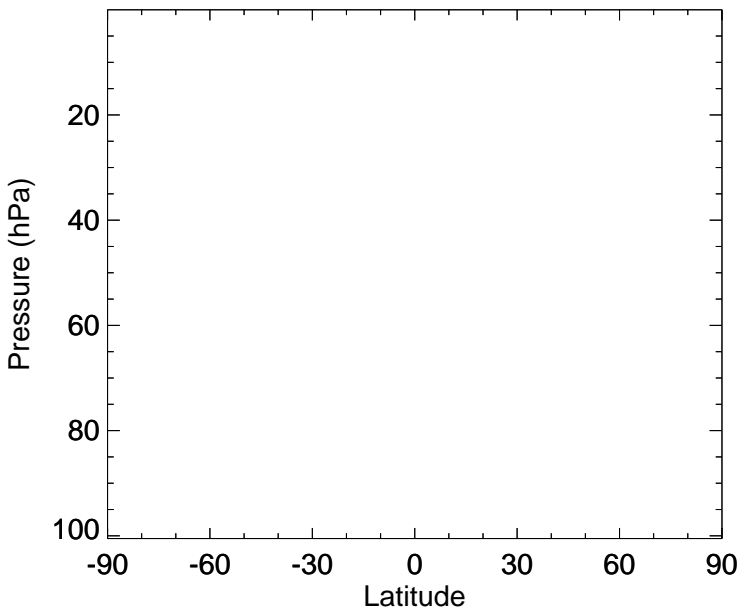
RIPD - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

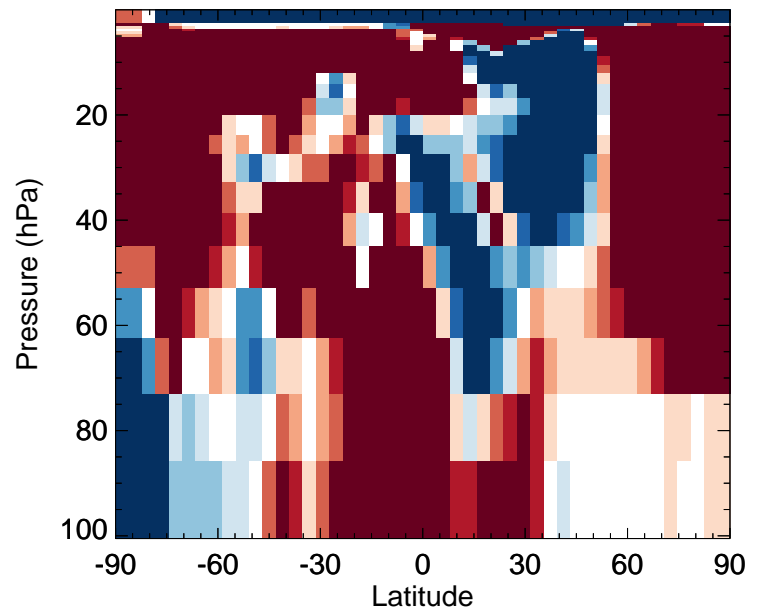
v11-02e-Run1 - v11-02e-Run0

IMAE - Strat zonal mean abs diff for Jan



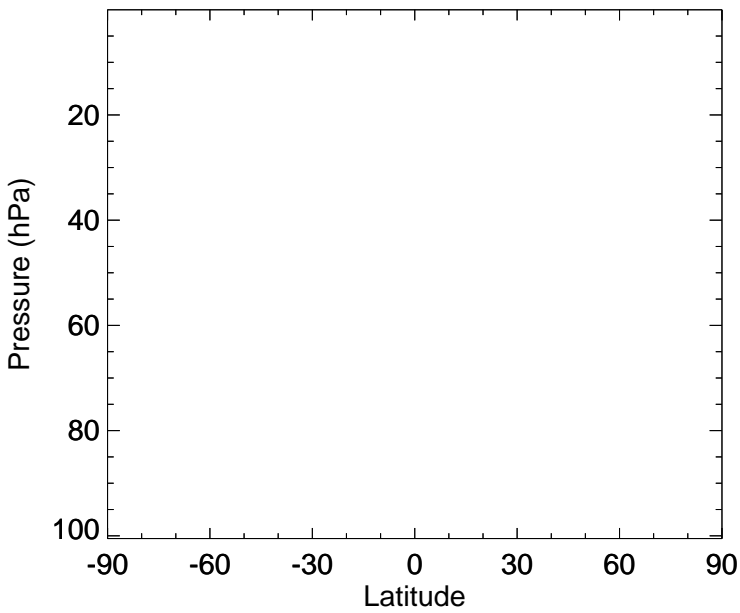
v11-02e-Run1 / v11-02e-Run0

IMAE - Strat zonal mean % diff for Jan



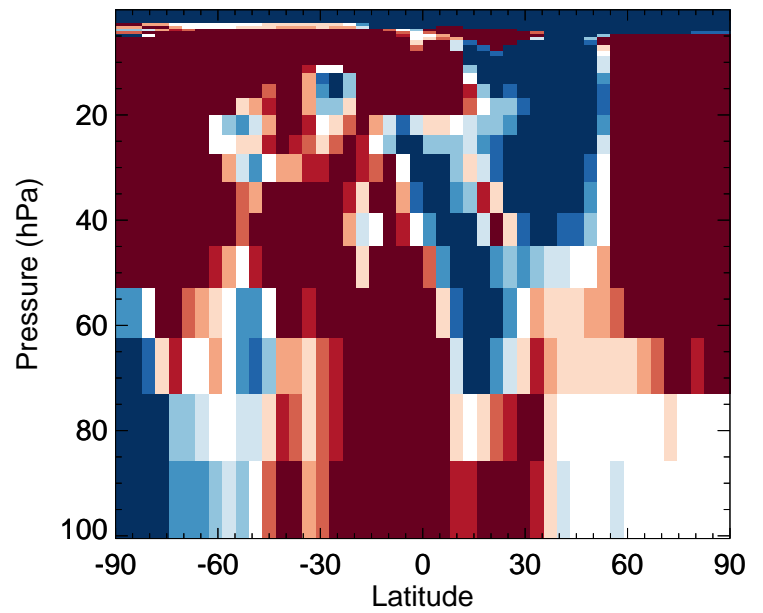
v11-02e-Run1 - v11-02d-Run1

IMAE - Strat zonal mean abs diff for Jan



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

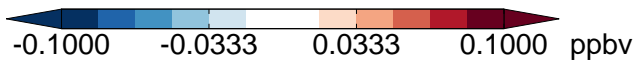
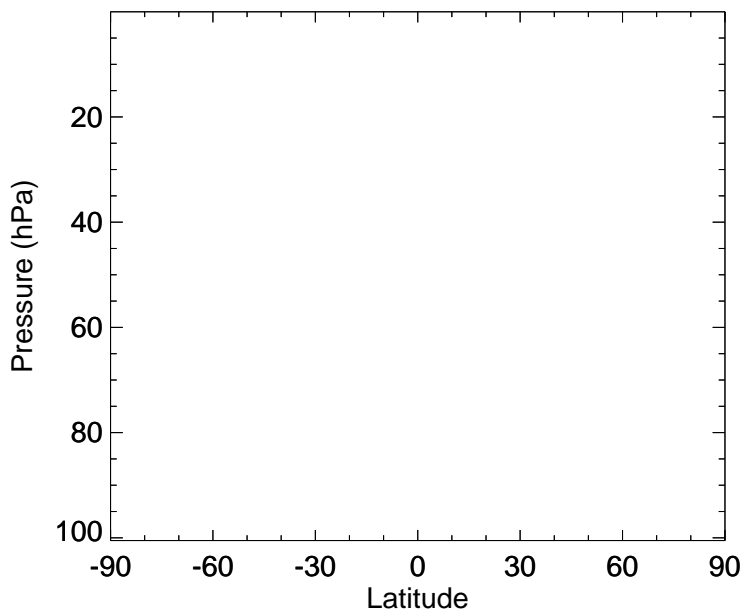
IMAE - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

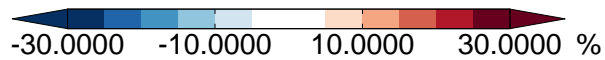
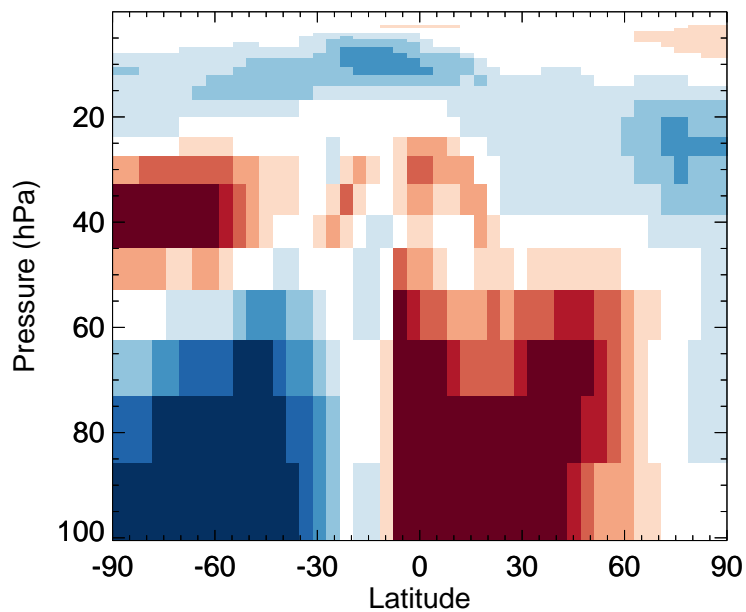
v11-02e-Run1 - v11-02e-Run0

SOAIE - Strat zonal mean abs diff for Jan



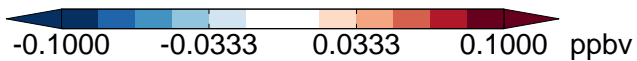
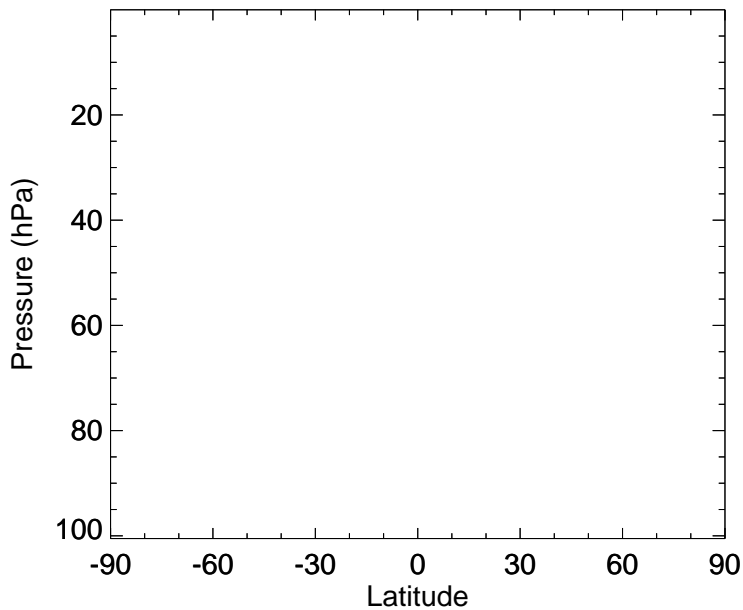
v11-02e-Run1 / v11-02e-Run0

SOAIE - Strat zonal mean % diff for Jan



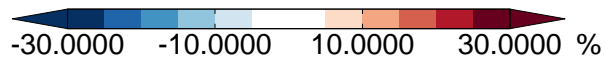
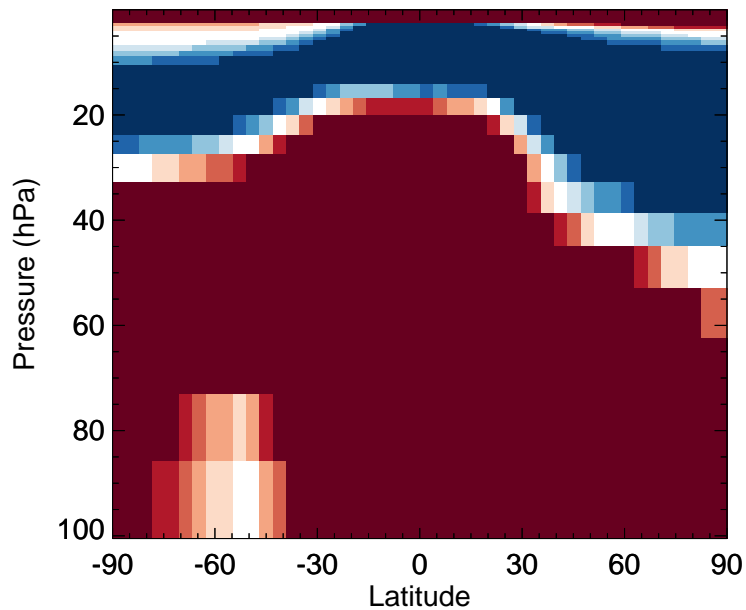
v11-02e-Run1 - v11-02d-Run1

SOAIE - Strat zonal mean abs diff for Jan



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

SOAIE - Strat zonal mean % diff for Jan





# GEOS-Chem Stratospheric Zonal Difference Maps

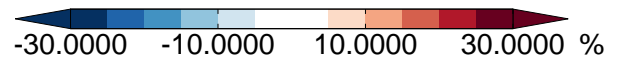
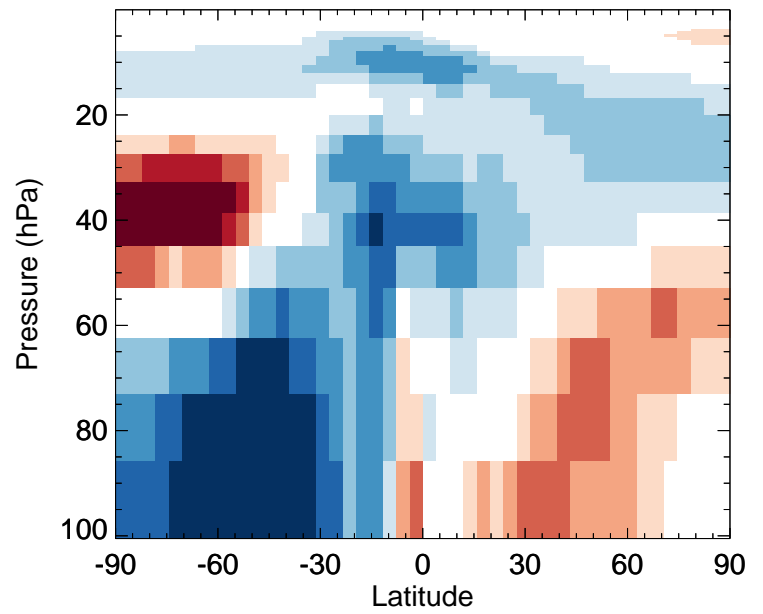
v11-02e-Run1 - v11-02e-Run0

SOAME - Strat zonal mean abs diff for Jan



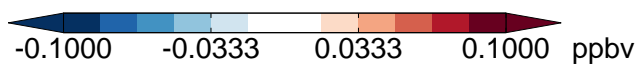
v11-02e-Run1 / v11-02e-Run0

SOAME - Strat zonal mean % diff for Jan



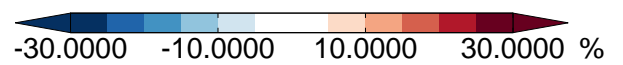
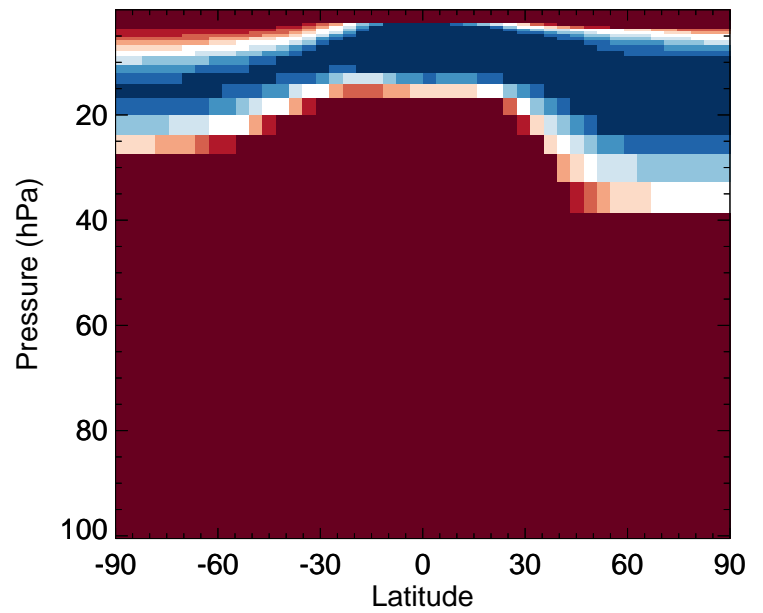
v11-02e-Run1 - v11-02d-Run1

SOAME - Strat zonal mean abs diff for Jan



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

SOAME - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

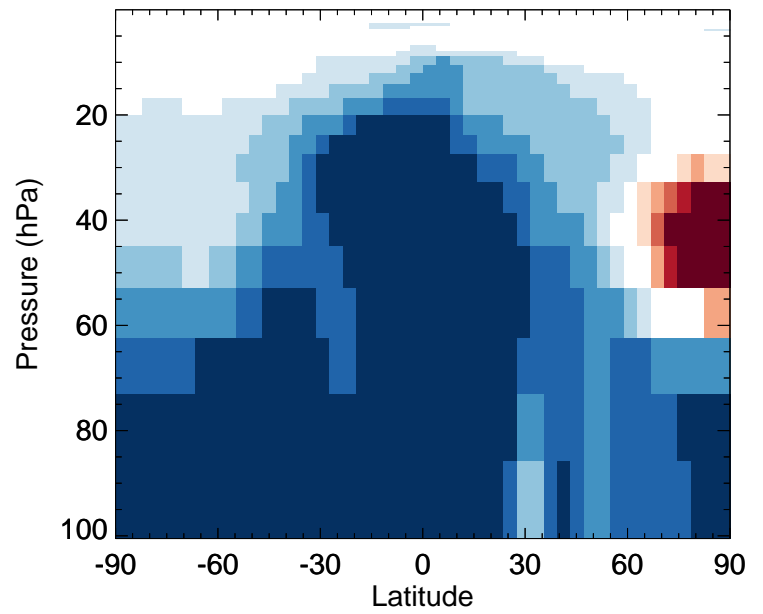
v11-02e-Run1 - v11-02e-Run0

SOAGX - Strat zonal mean abs diff for Jan



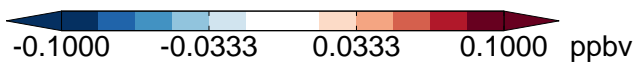
v11-02e-Run1 / v11-02e-Run0

SOAGX - Strat zonal mean % diff for Jan



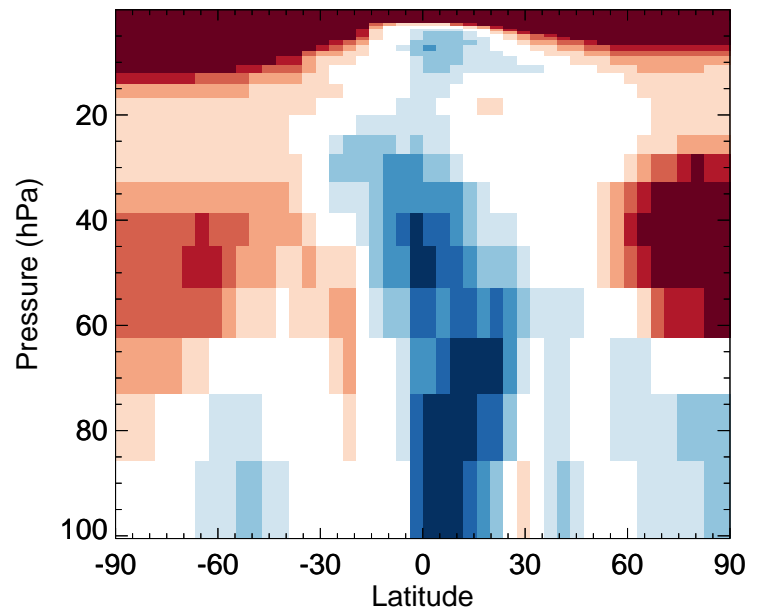
v11-02e-Run1 - v11-02d-Run1

SOAGX - Strat zonal mean abs diff for Jan



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

SOAGX - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

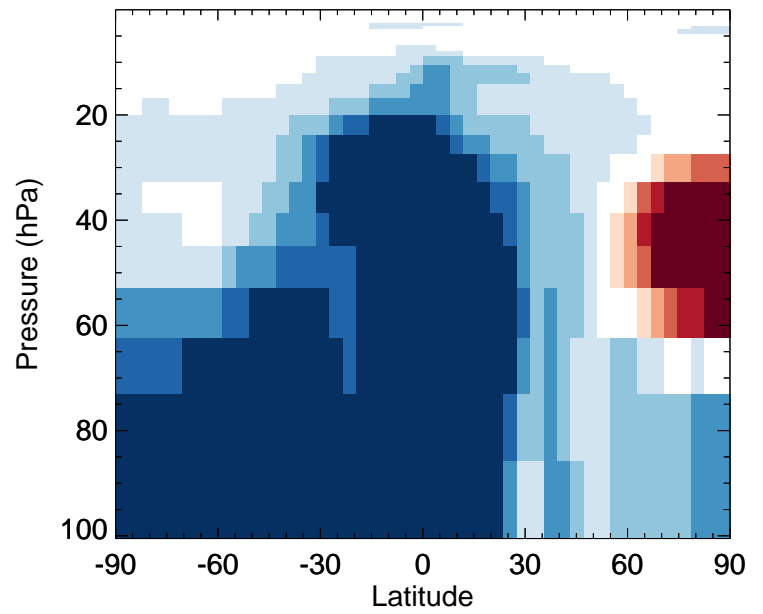
v11-02e-Run1 - v11-02e-Run0

SOAMG - Strat zonal mean abs diff for Jan



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

SOAMG - Strat zonal mean % diff for Jan



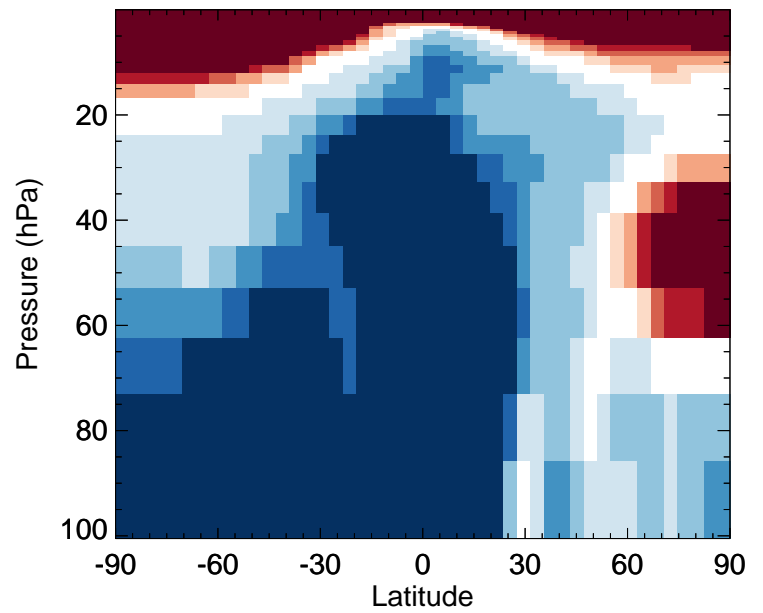
v11-02e-Run1 - v11-02d-Run1

SOAMG - Strat zonal mean abs diff for Jan



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

SOAMG - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

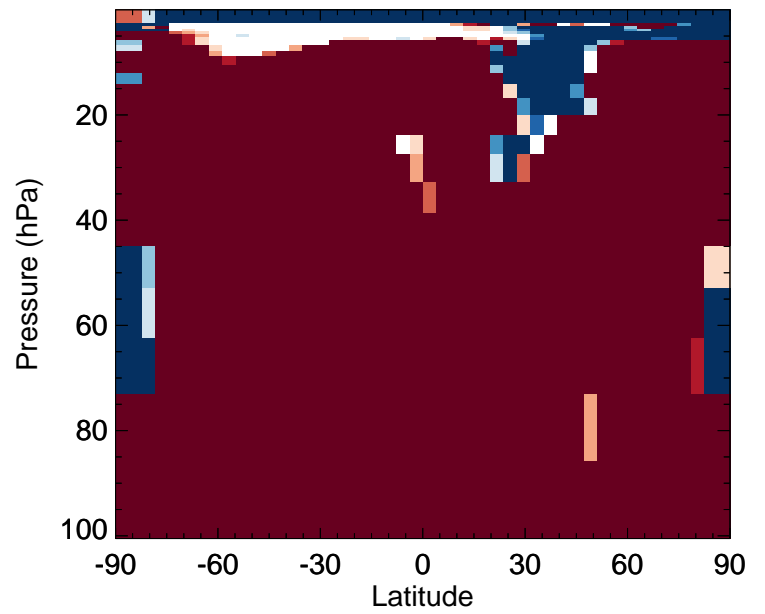
v11-02e-Run1 - v11-02e-Run0

LVOC - Strat zonal mean abs diff for Jan



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

LVOC - Strat zonal mean % diff for Jan



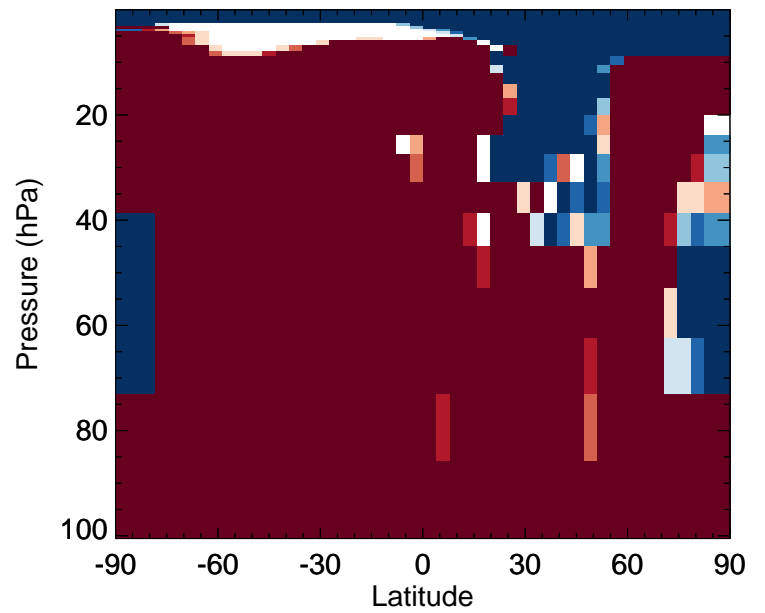
v11-02e-Run1 - v11-02d-Run1

LVOC - Strat zonal mean abs diff for Jan



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

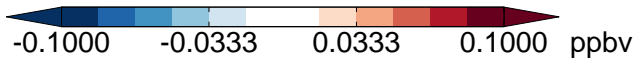
LVOC - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

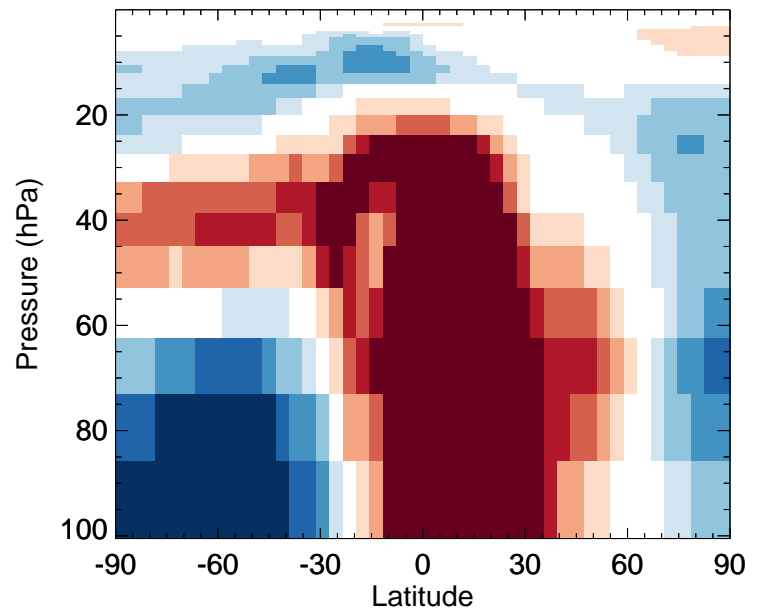
v11-02e-Run1 - v11-02e-Run0

LVOCOA - Strat zonal mean abs diff for Jan



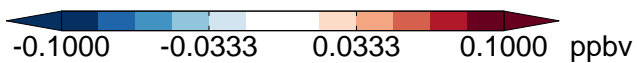
v11-02e-Run1 / v11-02e-Run0

LVOCOA - Strat zonal mean % diff for Jan



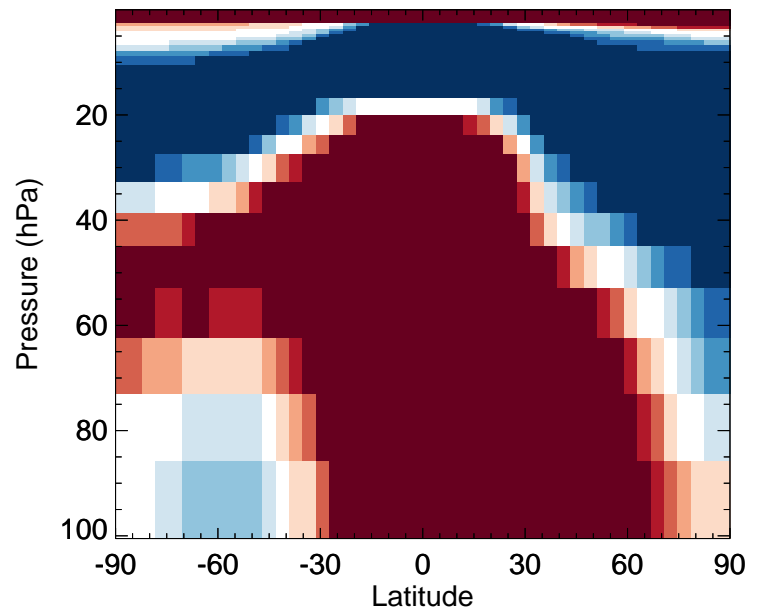
v11-02e-Run1 - v11-02d-Run1

LVOCOA - Strat zonal mean abs diff for Jan



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

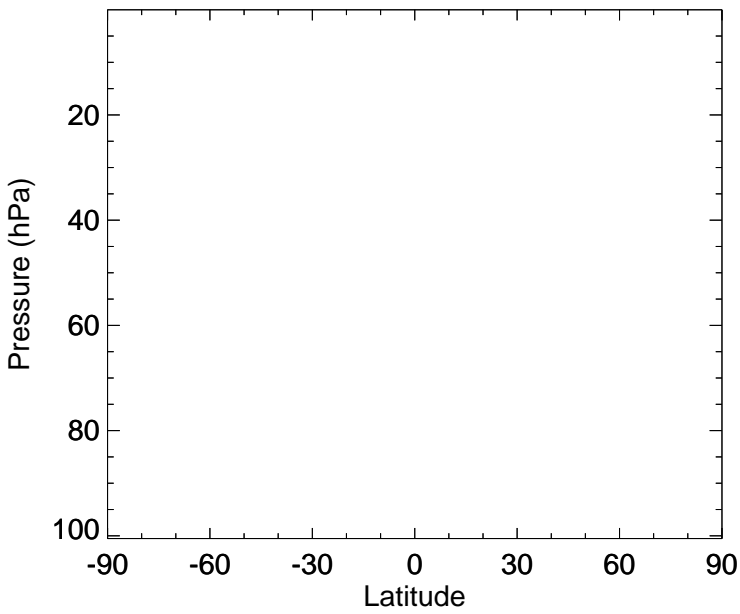
LVOCOA - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

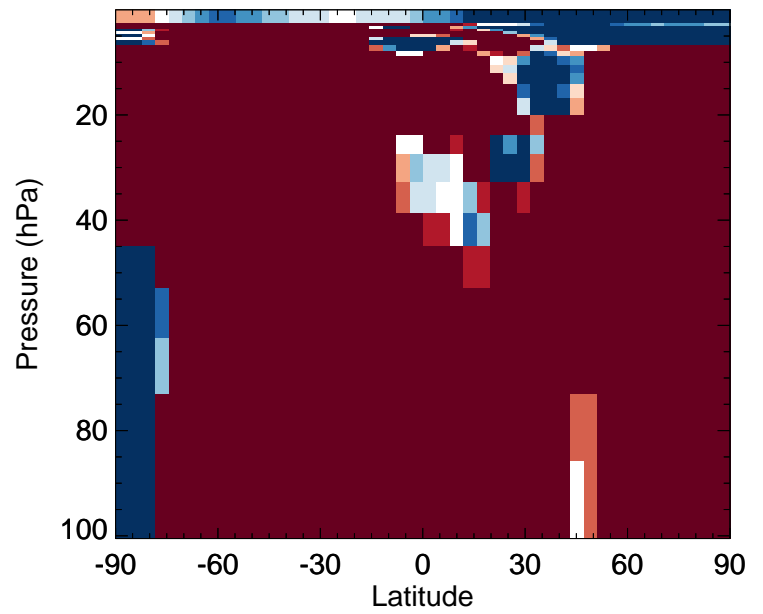
v11-02e-Run1 - v11-02e-Run0

ISN1OG - Strat zonal mean abs diff for Jan



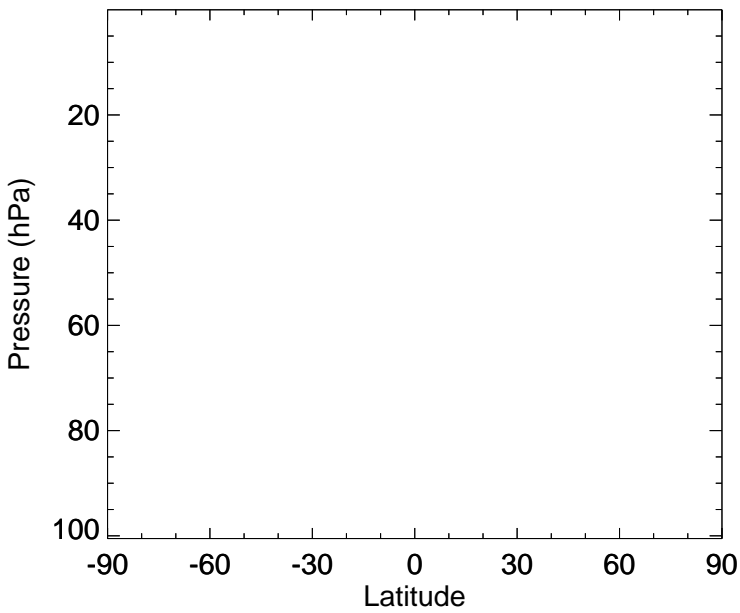
v11-02e-Run1 / v11-02e-Run0

ISN1OG - Strat zonal mean % diff for Jan



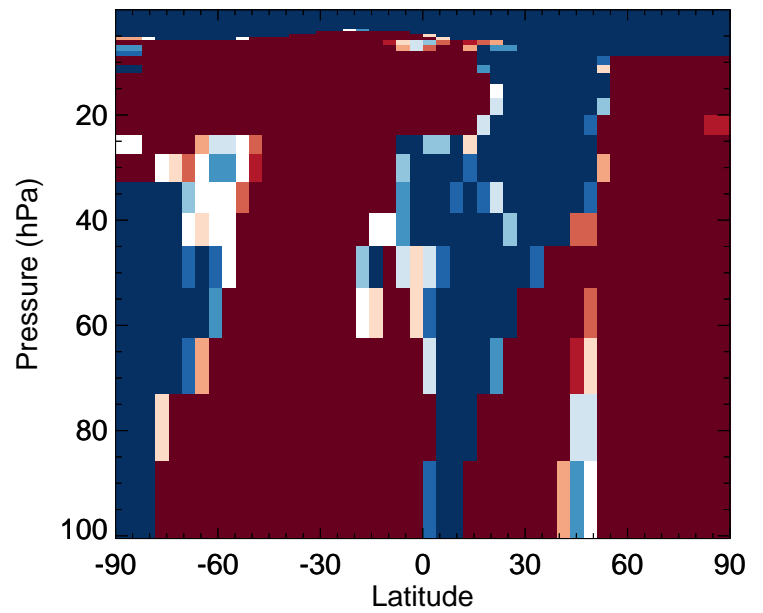
v11-02e-Run1 - v11-02d-Run1

ISN1OG - Strat zonal mean abs diff for Jan



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

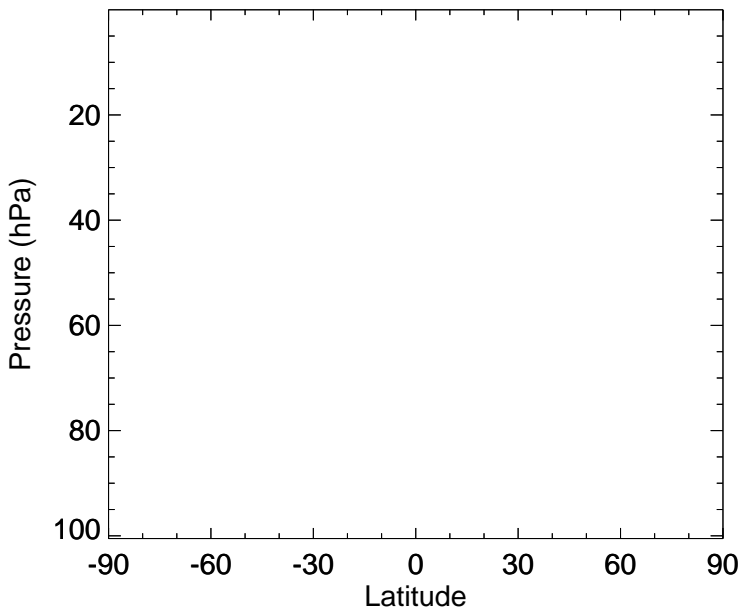
ISN1OG - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

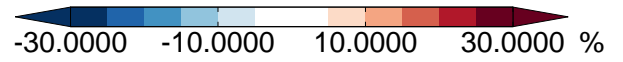
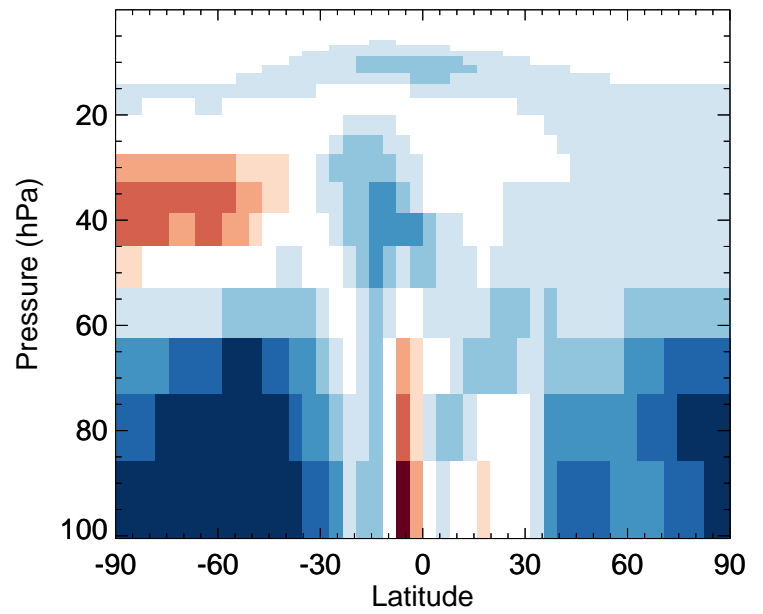
v11-02e-Run1 - v11-02e-Run0

ISN10A - Strat zonal mean abs diff for Jan



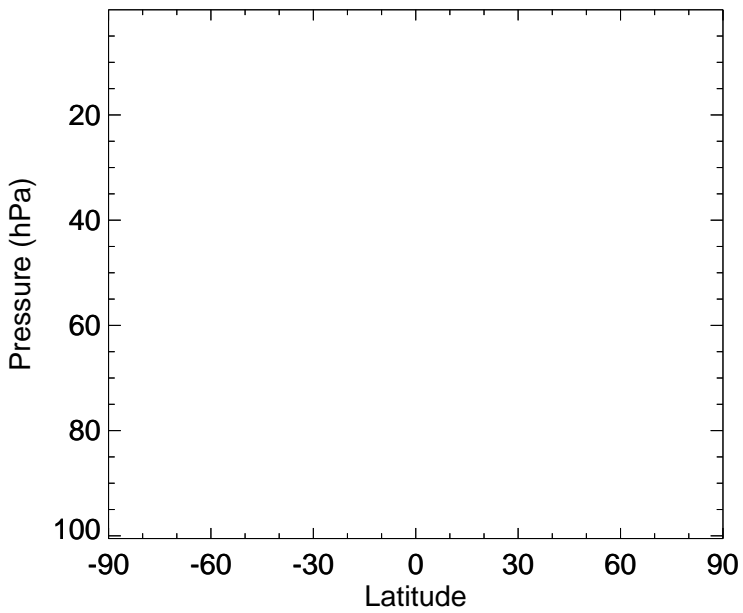
v11-02e-Run1 / v11-02e-Run0

ISN10A - Strat zonal mean % diff for Jan



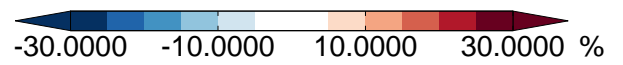
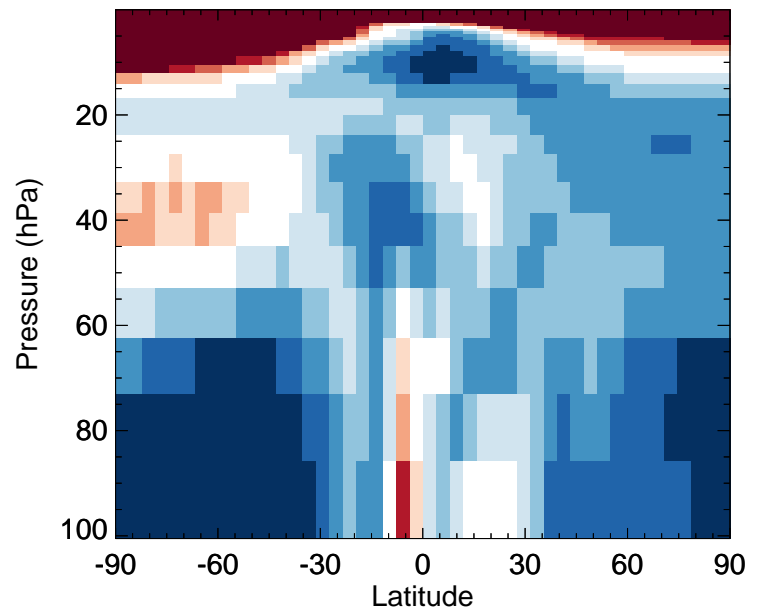
v11-02e-Run1 - v11-02d-Run1

ISN10A - Strat zonal mean abs diff for Jan



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

ISN10A - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

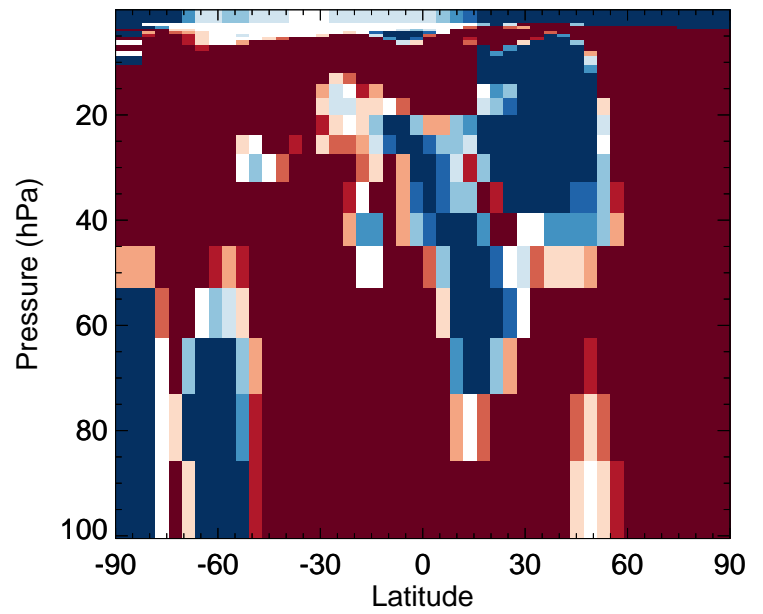
v11-02e-Run1 - v11-02e-Run0

MONITS - Strat zonal mean abs diff for Jan



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

MONITS - Strat zonal mean % diff for Jan



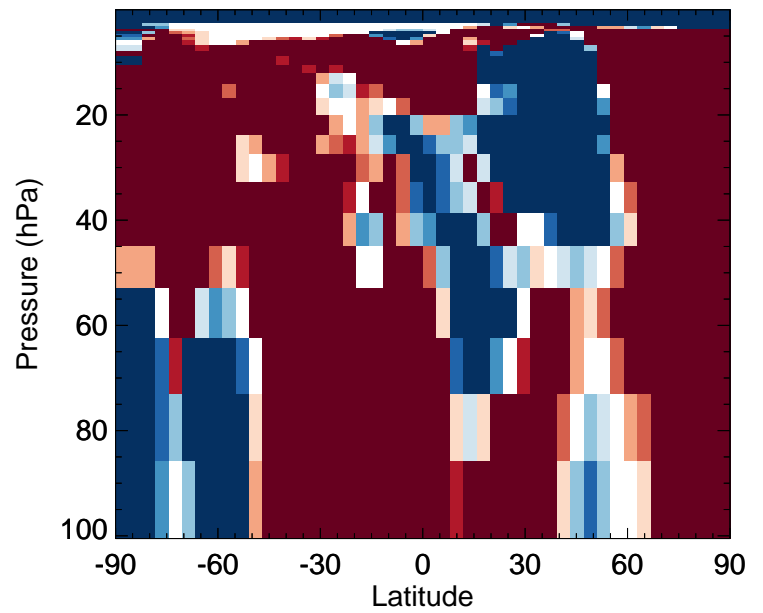
v11-02e-Run1 - v11-02d-Run1

MONITS - Strat zonal mean abs diff for Jan



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

MONITS - Strat zonal mean % diff for Jan





# GEOS-Chem Stratospheric Zonal Difference Maps

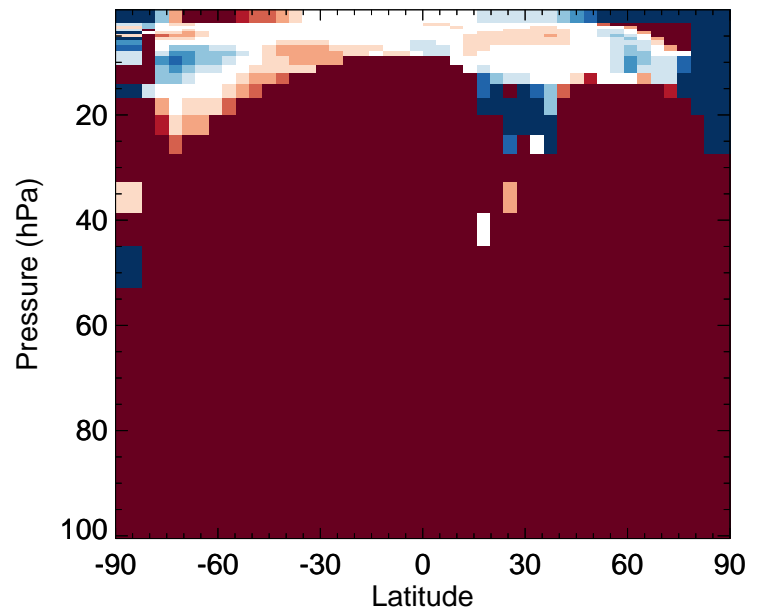
v11-02e-Run1 - v11-02e-Run0

MONITU - Strat zonal mean abs diff for Jan



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

MONITU - Strat zonal mean % diff for Jan



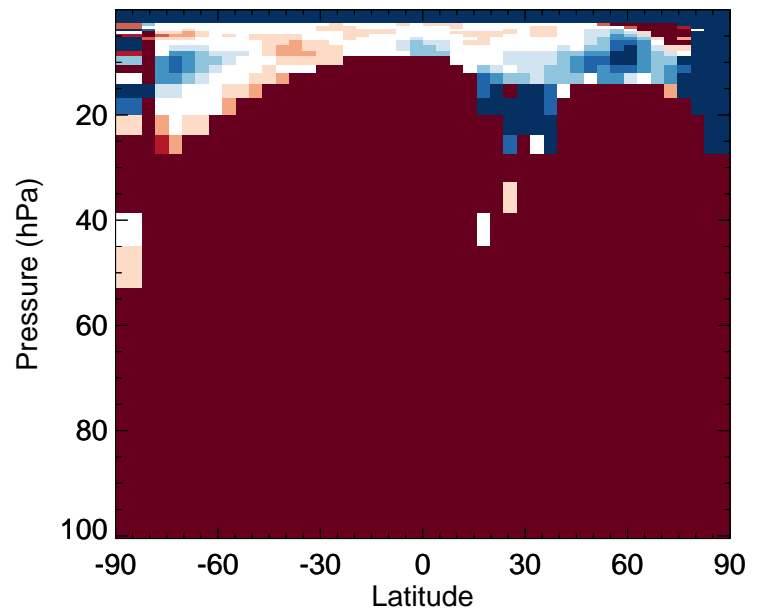
v11-02e-Run1 - v11-02d-Run1

MONITU - Strat zonal mean abs diff for Jan



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

MONITU - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

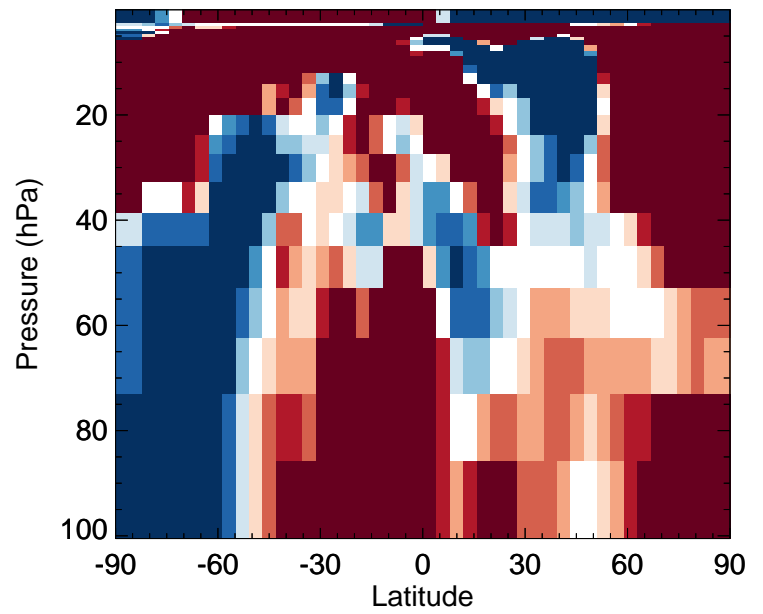
v11-02e-Run1 - v11-02e-Run0

HONIT - Strat zonal mean abs diff for Jan



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

HONIT - Strat zonal mean % diff for Jan



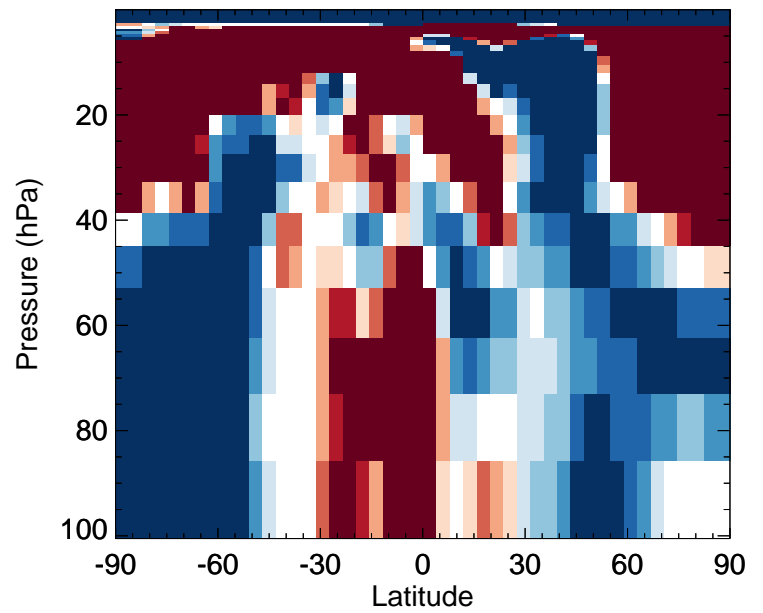
v11-02e-Run1 - v11-02d-Run1

HONIT - Strat zonal mean abs diff for Jan



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

HONIT - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

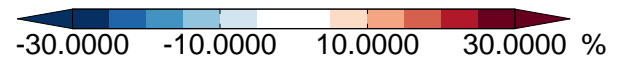
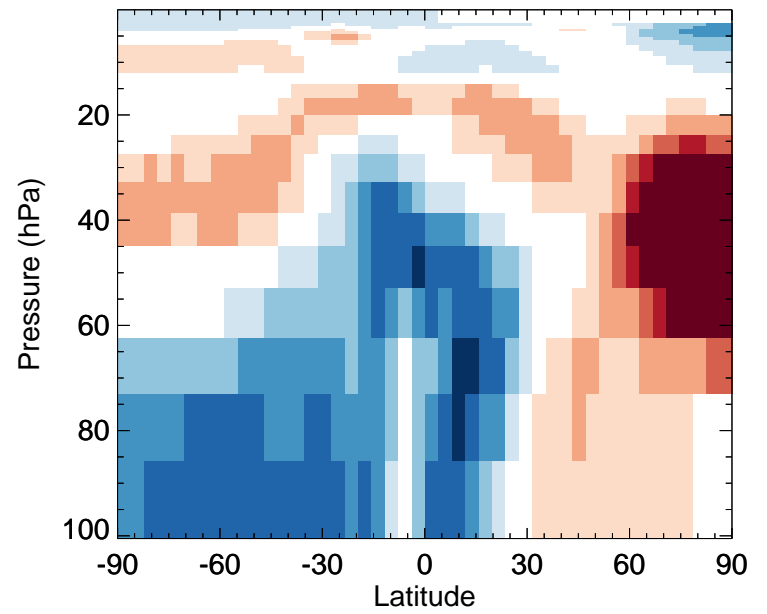
v11-02e-Run1 - v11-02e-Run0

IONITA - Strat zonal mean abs diff for Jan



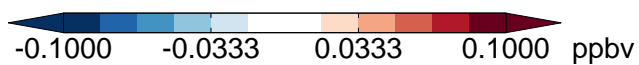
v11-02e-Run1 / v11-02e-Run0

IONITA - Strat zonal mean % diff for Jan



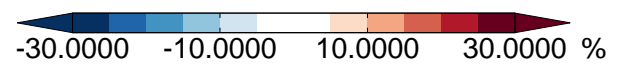
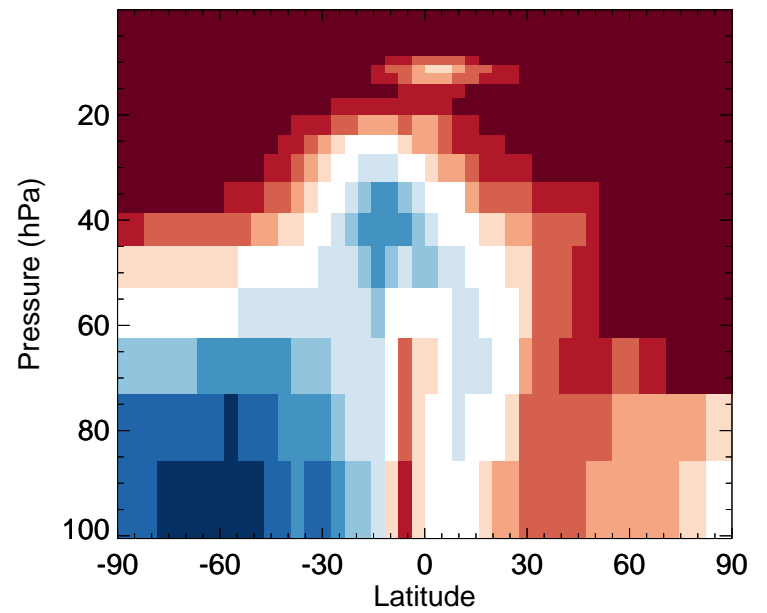
v11-02e-Run1 - v11-02d-Run1

IONITA - Strat zonal mean abs diff for Jan



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

IONITA - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

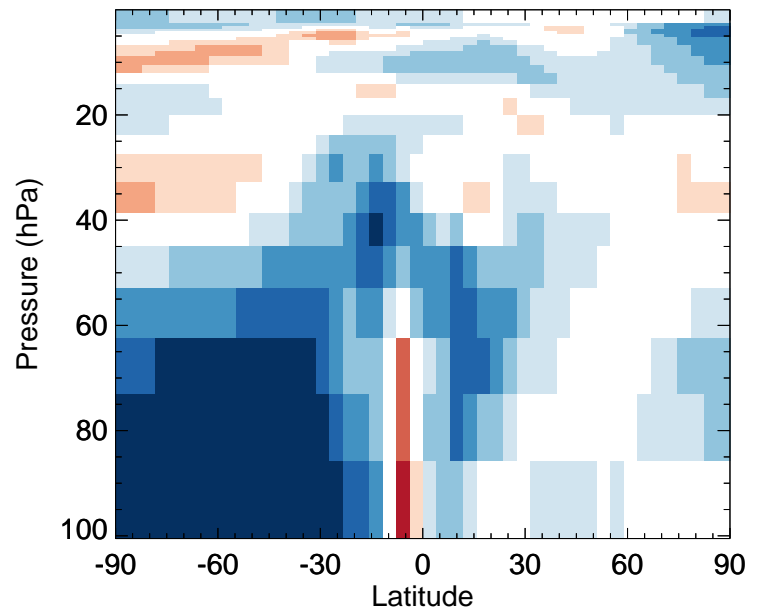
v11-02e-Run1 - v11-02e-Run0

MONITA - Strat zonal mean abs diff for Jan



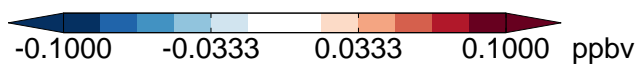
v11-02e-Run1 / v11-02e-Run0

MONITA - Strat zonal mean % diff for Jan



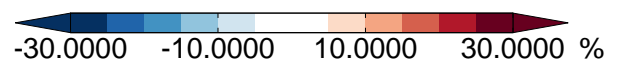
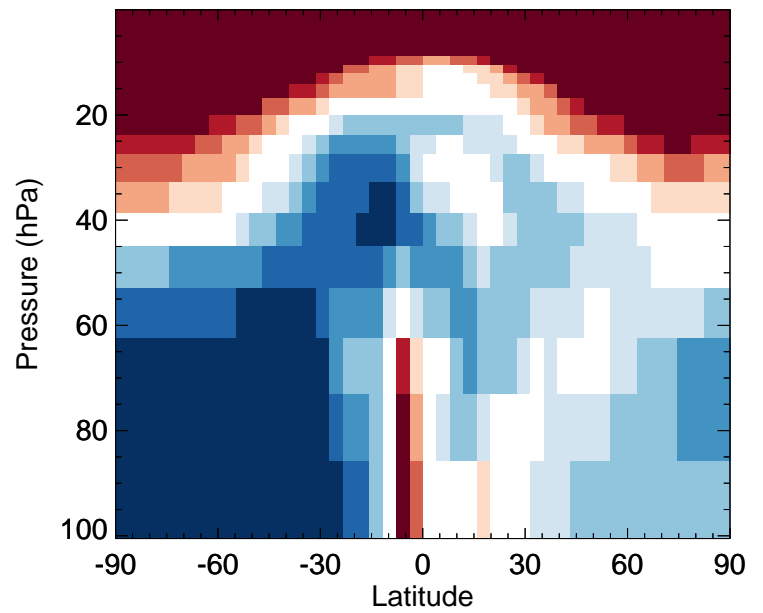
v11-02e-Run1 - v11-02d-Run1

MONITA - Strat zonal mean abs diff for Jan



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

MONITA - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

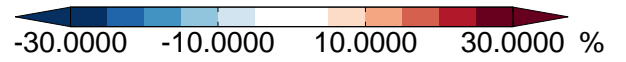
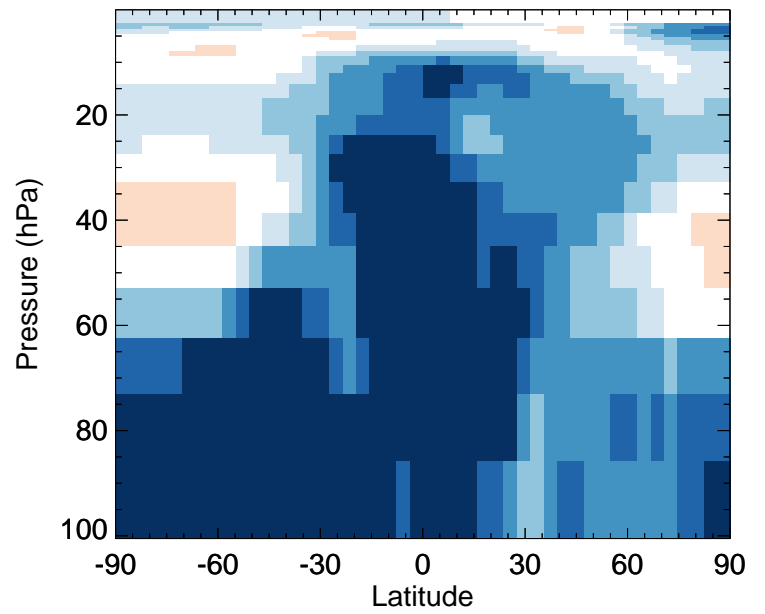
v11-02e-Run1 - v11-02e-Run0

INDIOL - Strat zonal mean abs diff for Jan



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

INDIOL - Strat zonal mean % diff for Jan



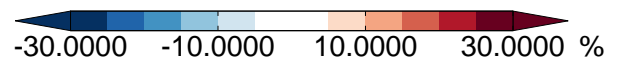
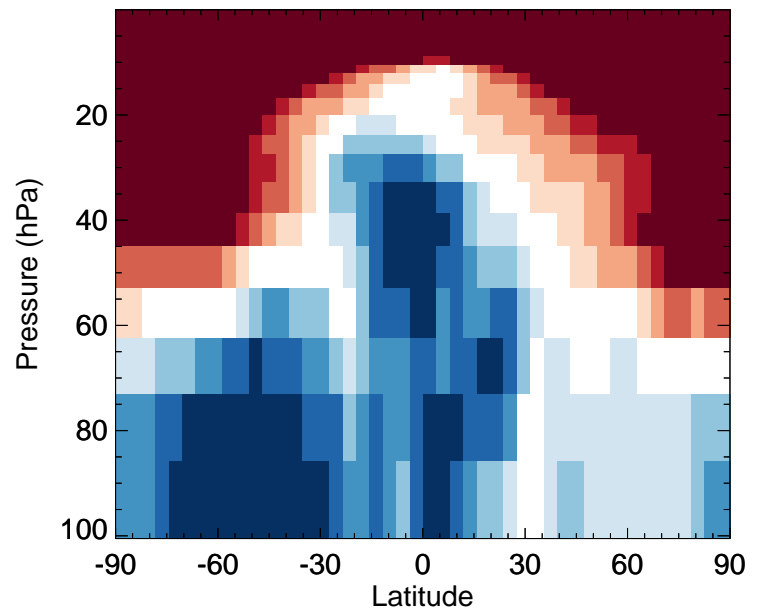
v11-02e-Run1 - v11-02d-Run1

INDIOL - Strat zonal mean abs diff for Jan



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

INDIOL - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

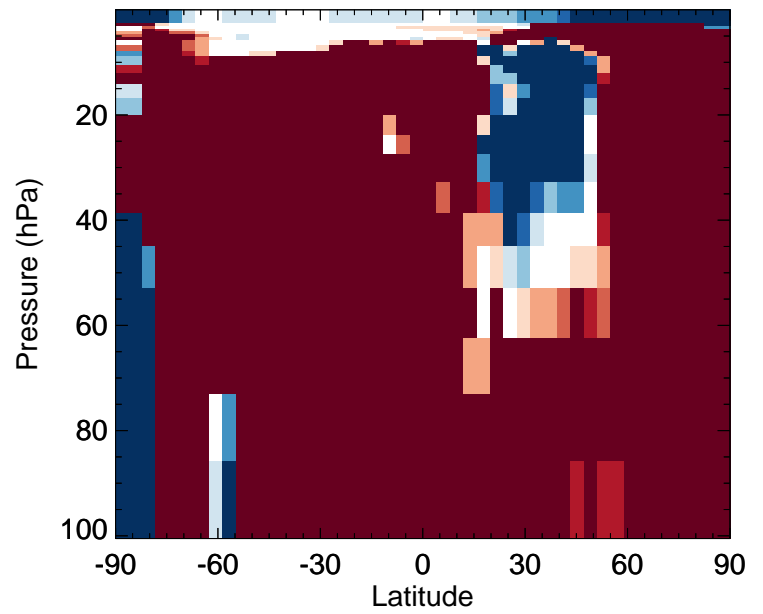
v11-02e-Run1 - v11-02e-Run0

IPMN - Strat zonal mean abs diff for Jan



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

IPMN - Strat zonal mean % diff for Jan



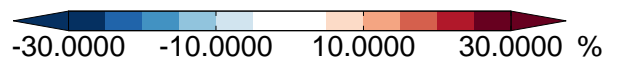
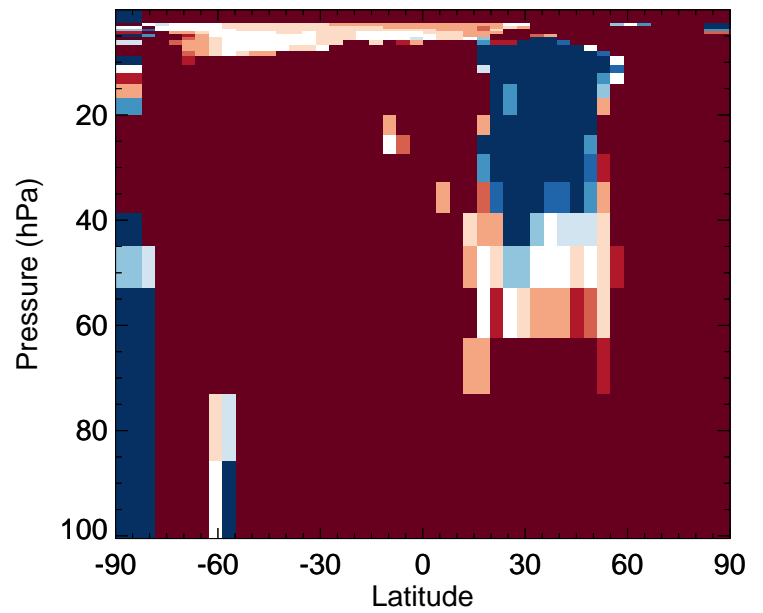
v11-02e-Run1 - v11-02d-Run1

IPMN - Strat zonal mean abs diff for Jan



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

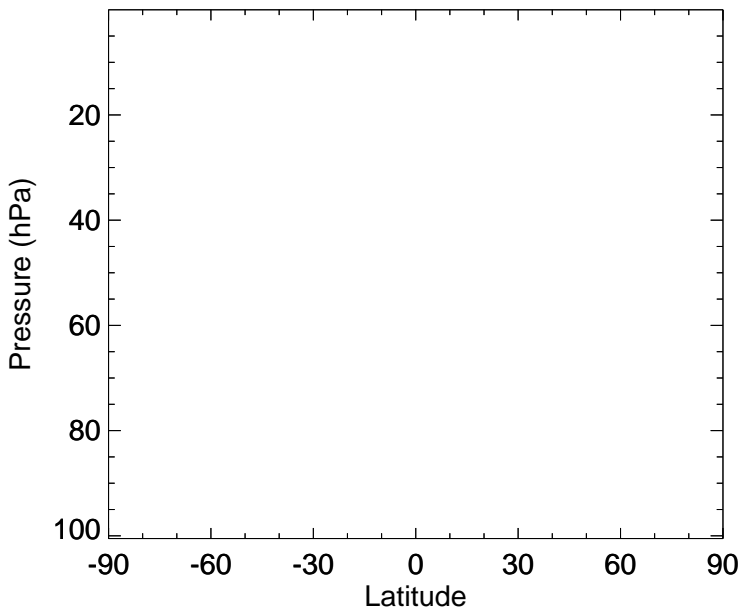
IPMN - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

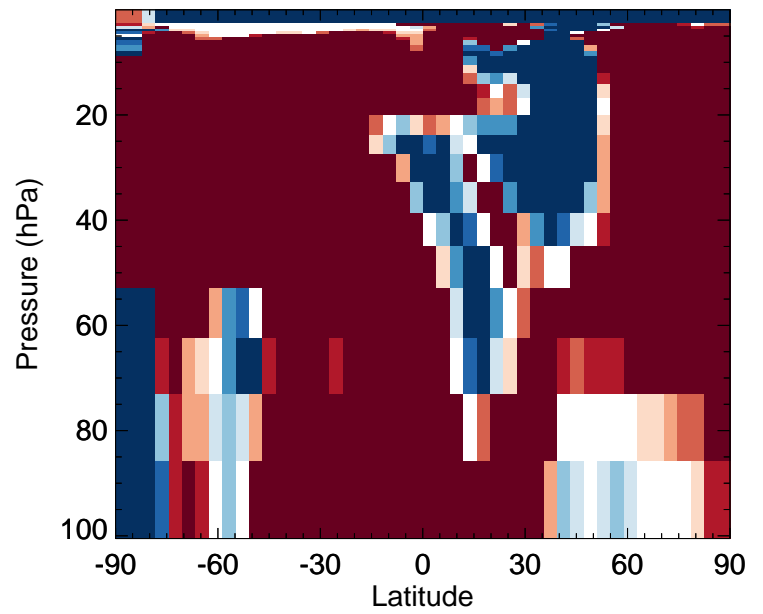
v11-02e-Run1 - v11-02e-Run0

HC187 - Strat zonal mean abs diff for Jan



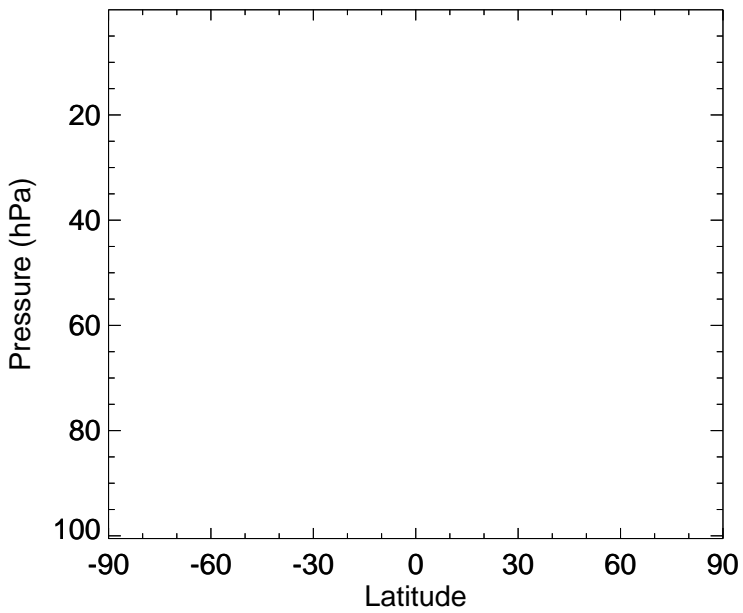
v11-02e-Run1 / v11-02e-Run0

HC187 - Strat zonal mean % diff for Jan



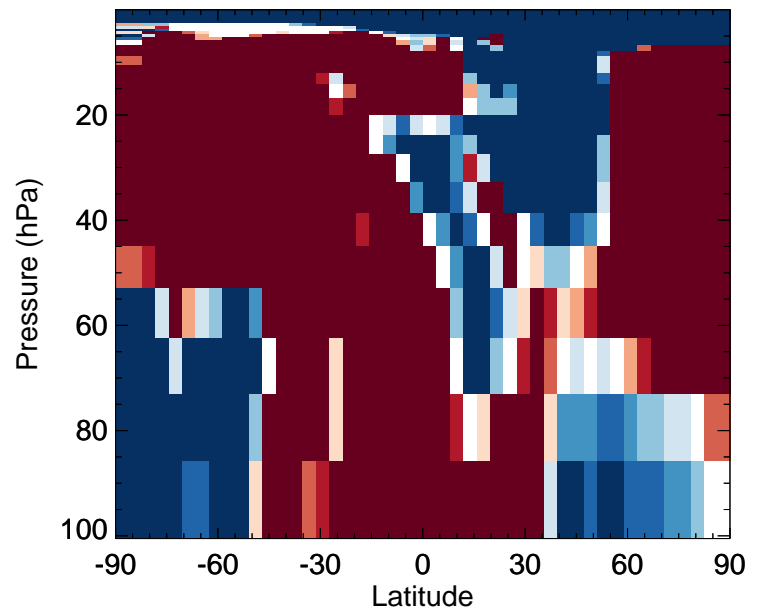
v11-02e-Run1 - v11-02d-Run1

HC187 - Strat zonal mean abs diff for Jan



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

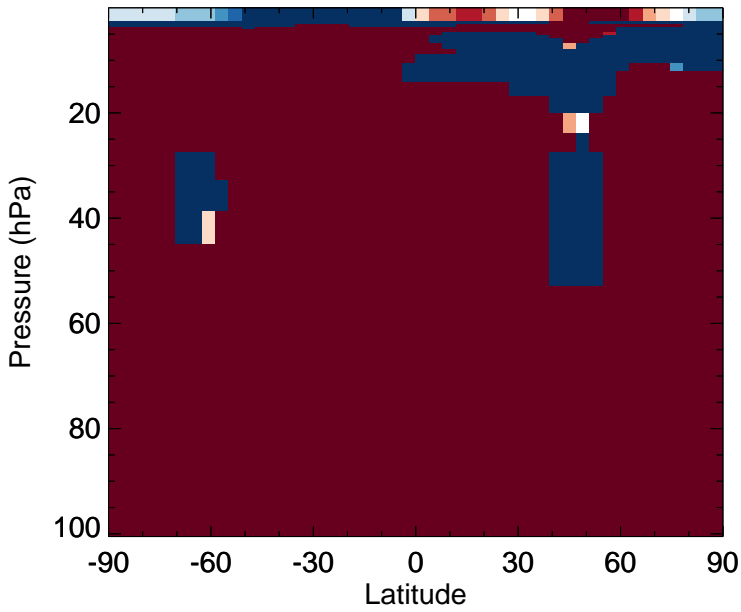
HC187 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

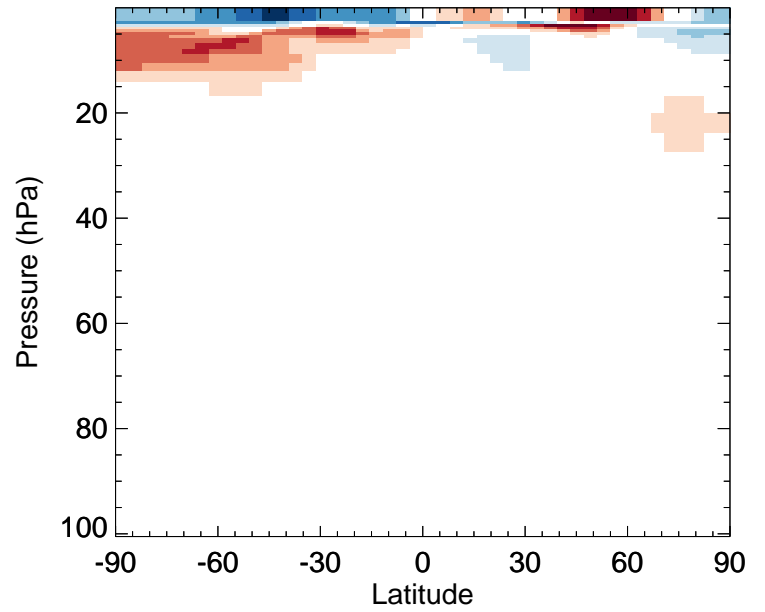
v11-02e-Run1 - v11-02e-Run0

N2O - Strat zonal mean abs diff for Jan



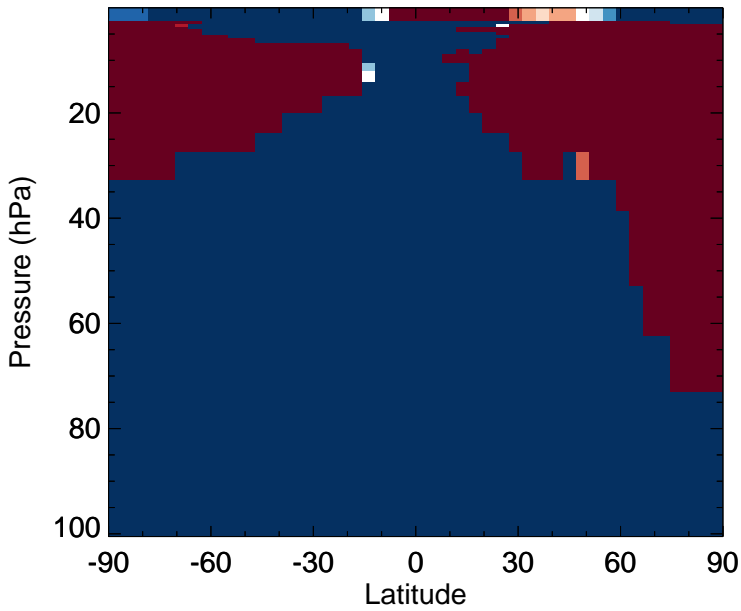
v11-02e-Run1 / v11-02e-Run0

N2O - Strat zonal mean % diff for Jan



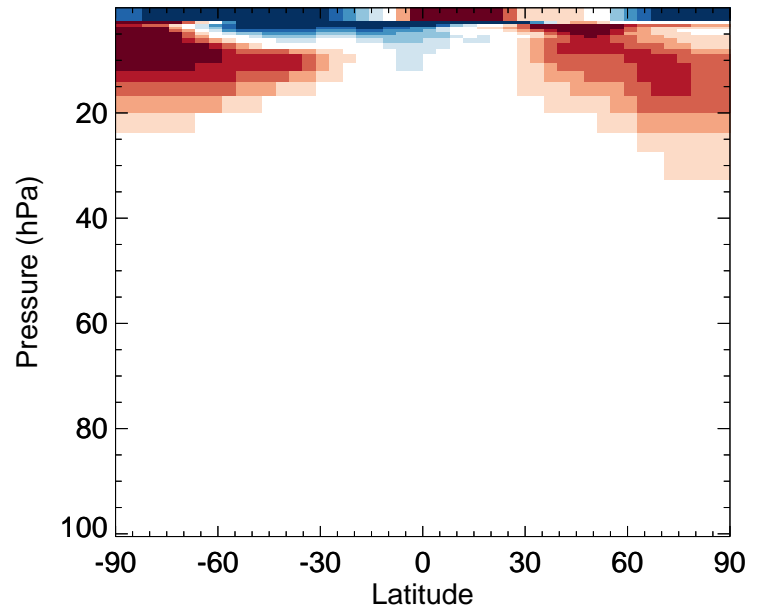
v11-02e-Run1 - v11-02d-Run1

N2O - Strat zonal mean abs diff for Jan



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

N2O - Strat zonal mean % diff for Jan

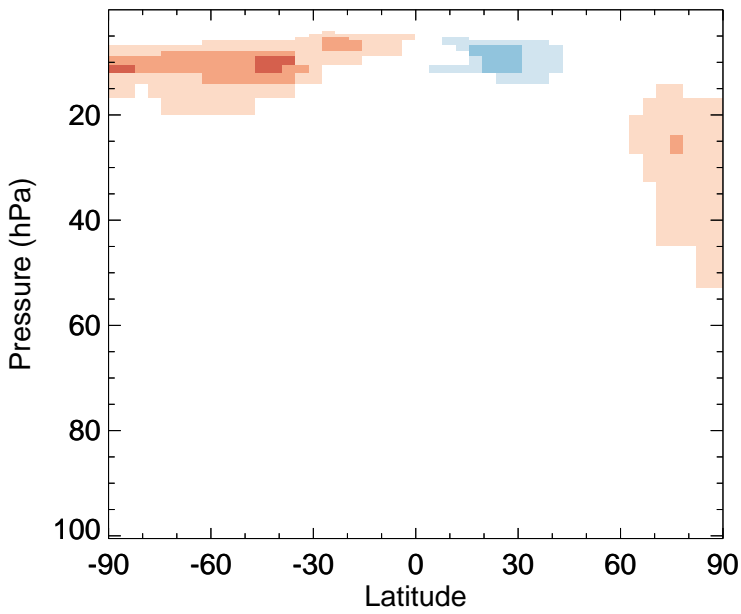




# GEOS-Chem Stratospheric Zonal Difference Maps

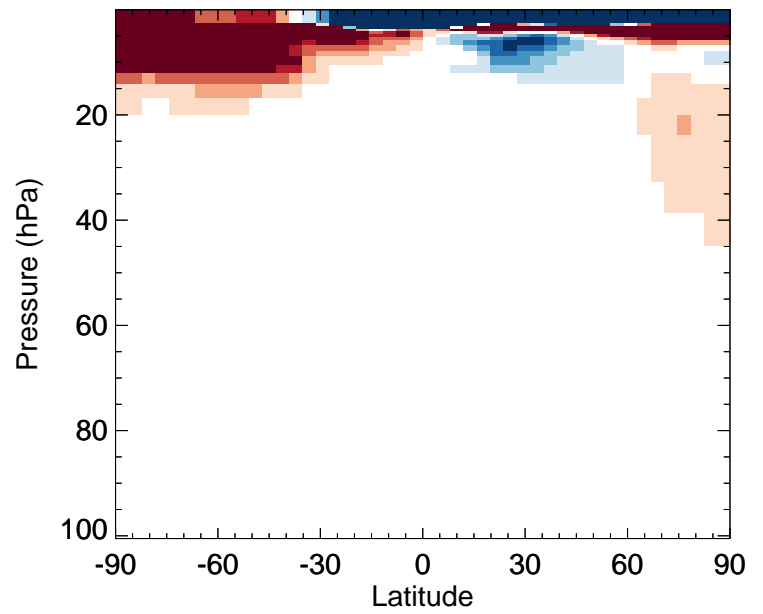
v11-02e-Run1 - v11-02e-Run0

OCS - Strat zonal mean abs diff for Jan



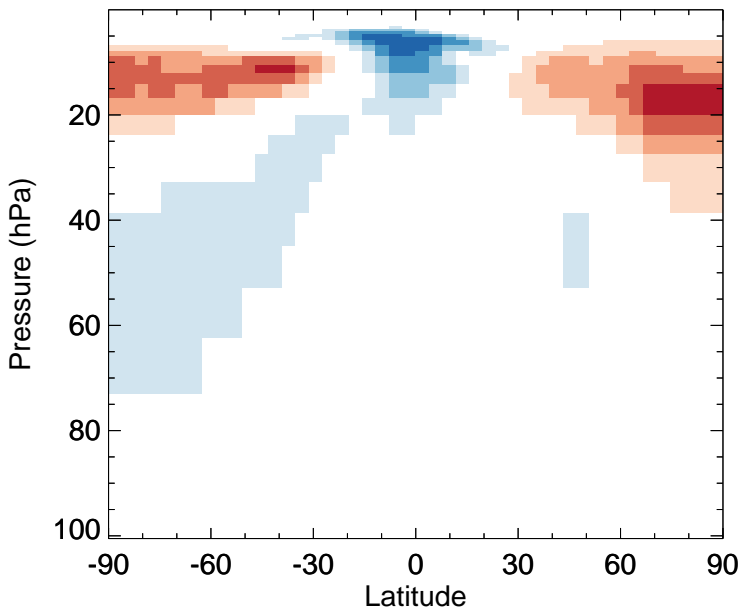
v11-02e-Run1 / v11-02e-Run0

OCS - Strat zonal mean % diff for Jan



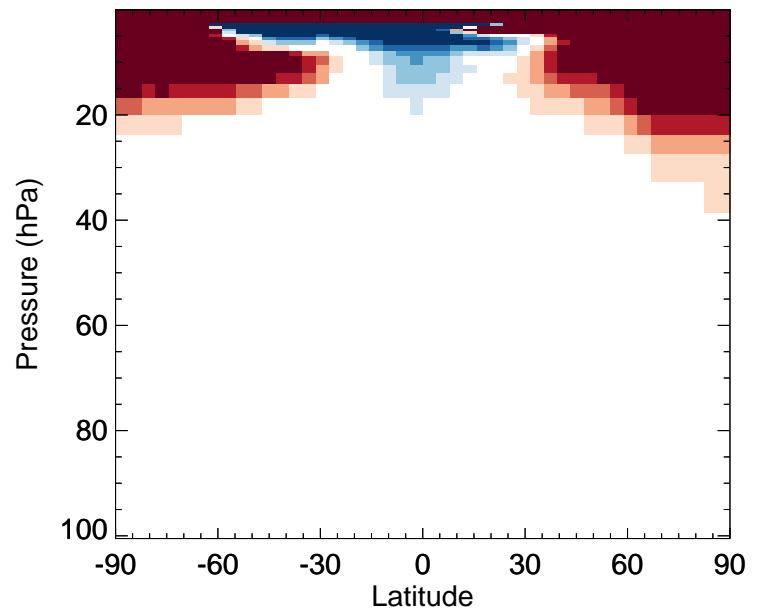
v11-02e-Run1 - v11-02d-Run1

OCS - Strat zonal mean abs diff for Jan



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

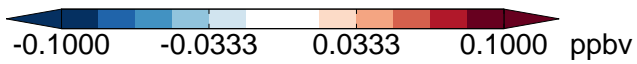
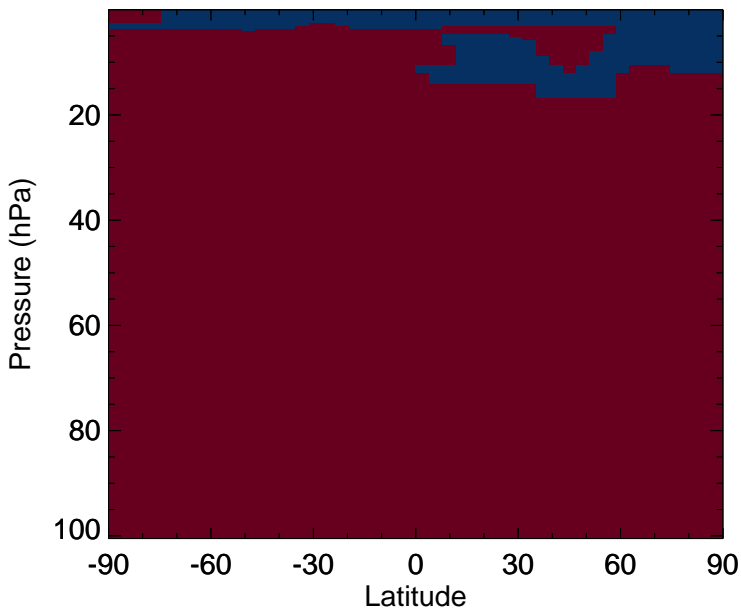
OCS - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

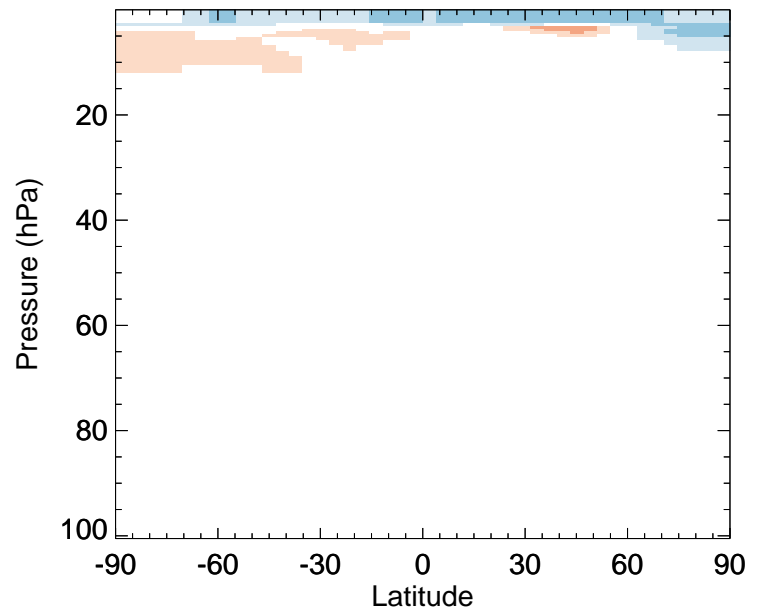
v11-02e-Run1 - v11-02e-Run0

CH4 - Strat zonal mean abs diff for Jan



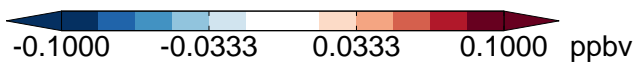
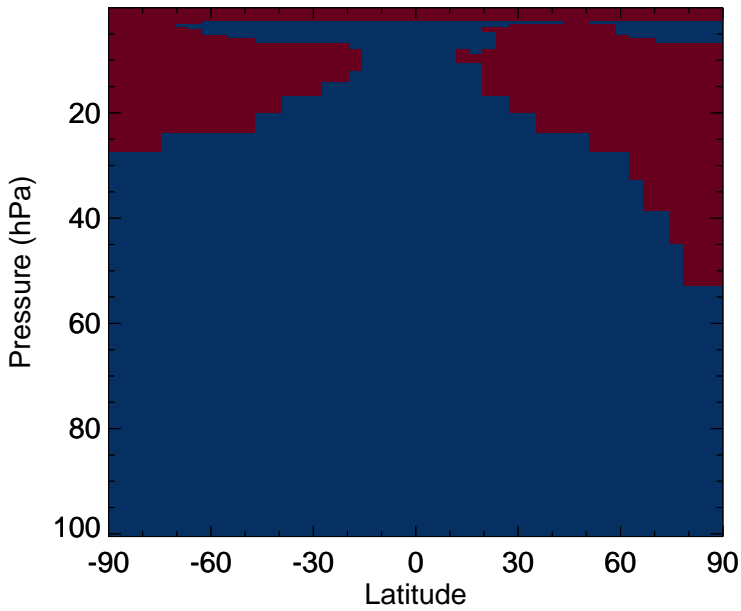
v11-02e-Run1 / v11-02e-Run0

CH4 - Strat zonal mean % diff for Jan



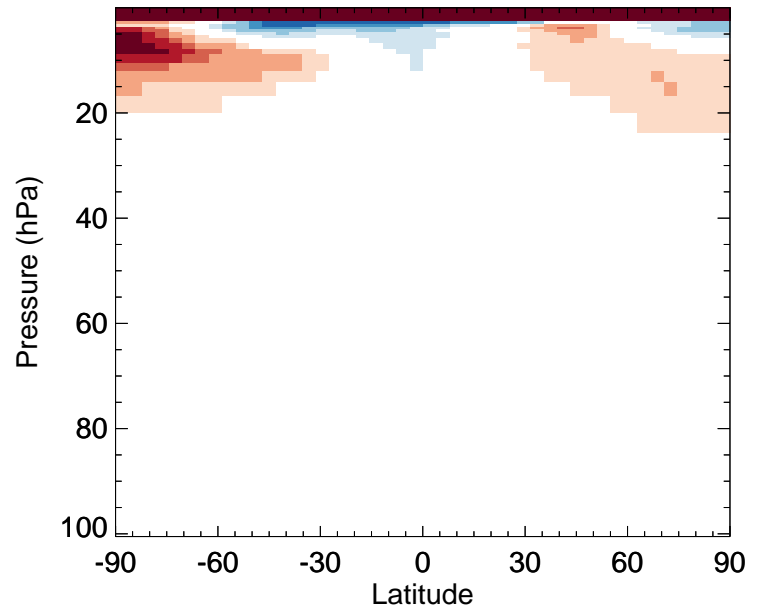
v11-02e-Run1 - v11-02d-Run1

CH4 - Strat zonal mean abs diff for Jan



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

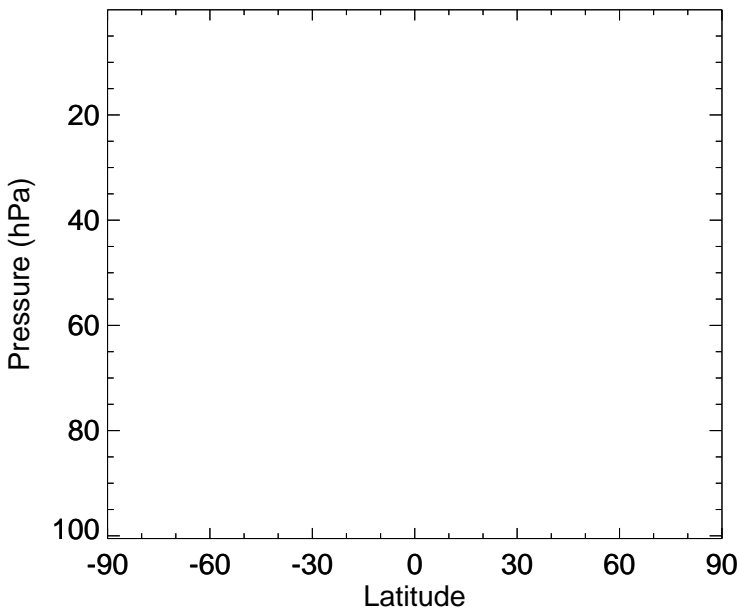
CH4 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

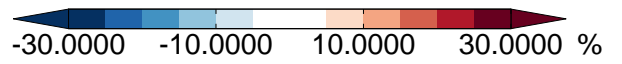
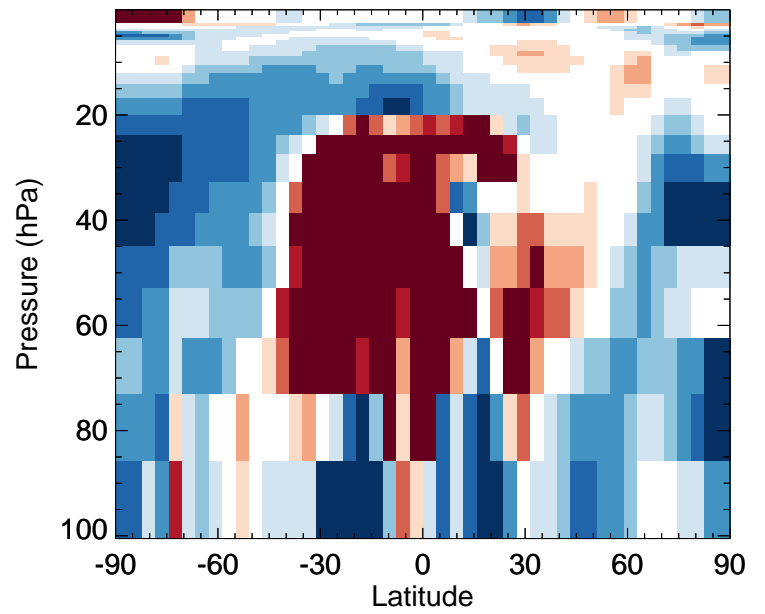
v11-02e-Run1 - v11-02e-Run0

BrCl - Strat zonal mean abs diff for Jan



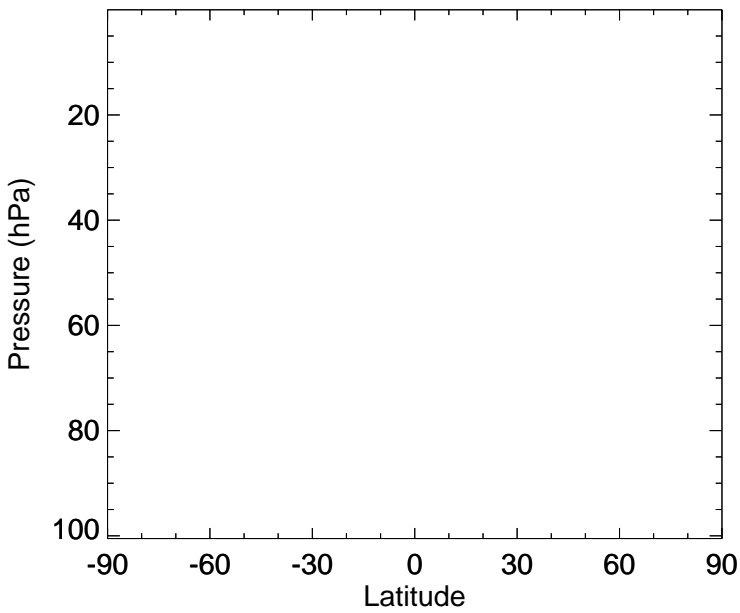
v11-02e-Run1 / v11-02e-Run0

BrCl - Strat zonal mean % diff for Jan



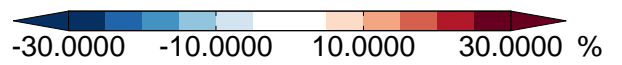
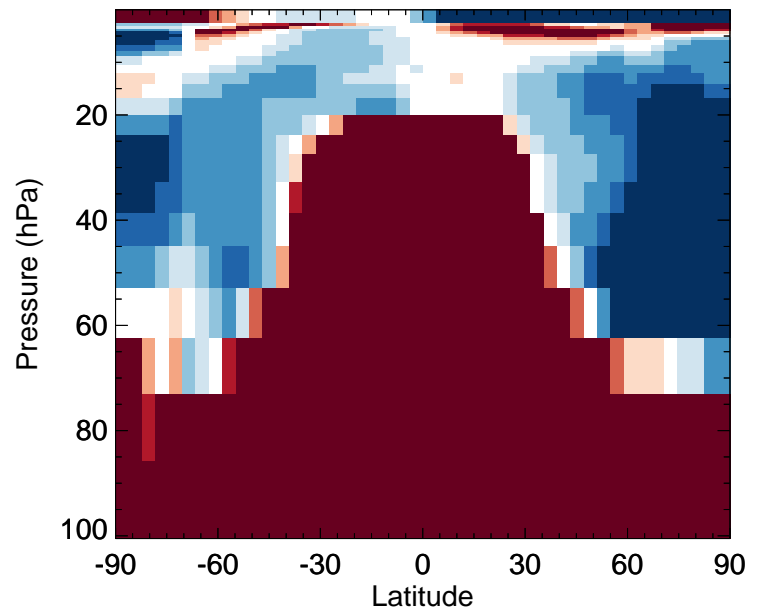
v11-02e-Run1 - v11-02d-Run1

BrCl - Strat zonal mean abs diff for Jan



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

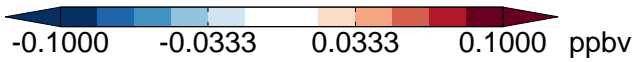
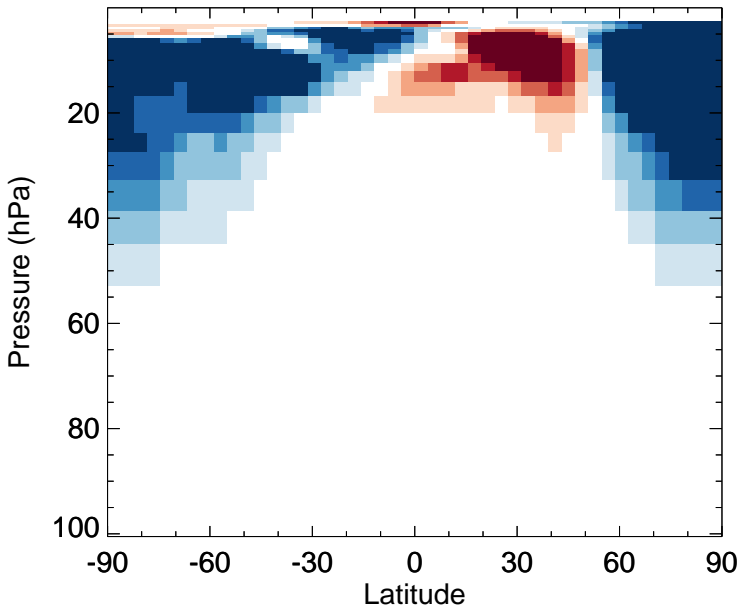
BrCl - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

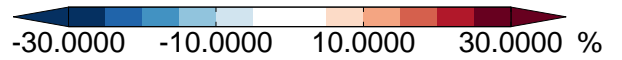
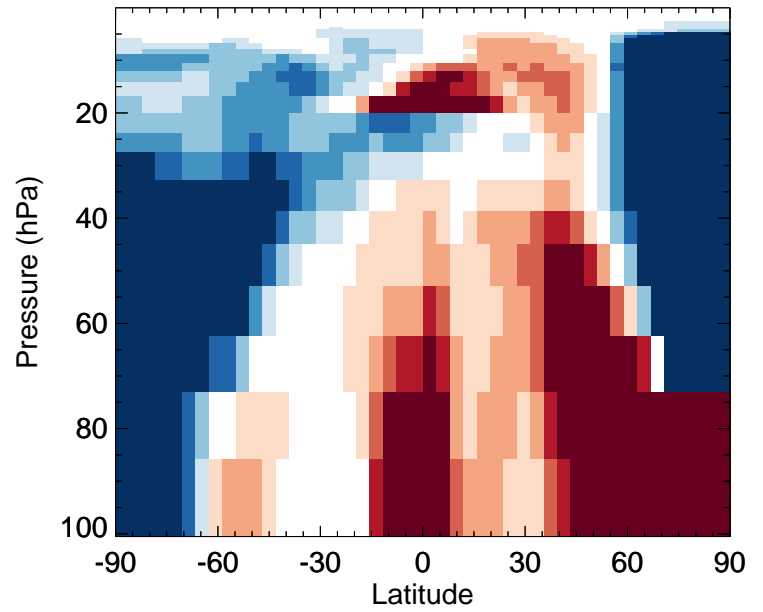
v11-02e-Run1 - v11-02e-Run0

HCl - Strat zonal mean abs diff for Jan



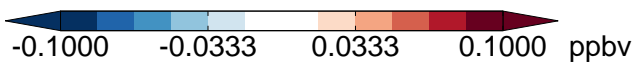
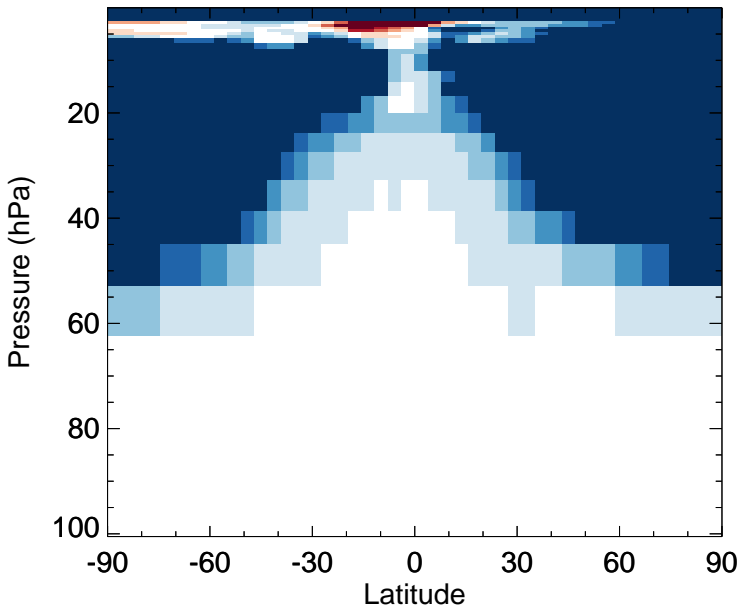
v11-02e-Run1 / v11-02e-Run0

HCl - Strat zonal mean % diff for Jan



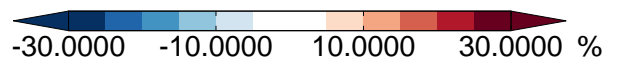
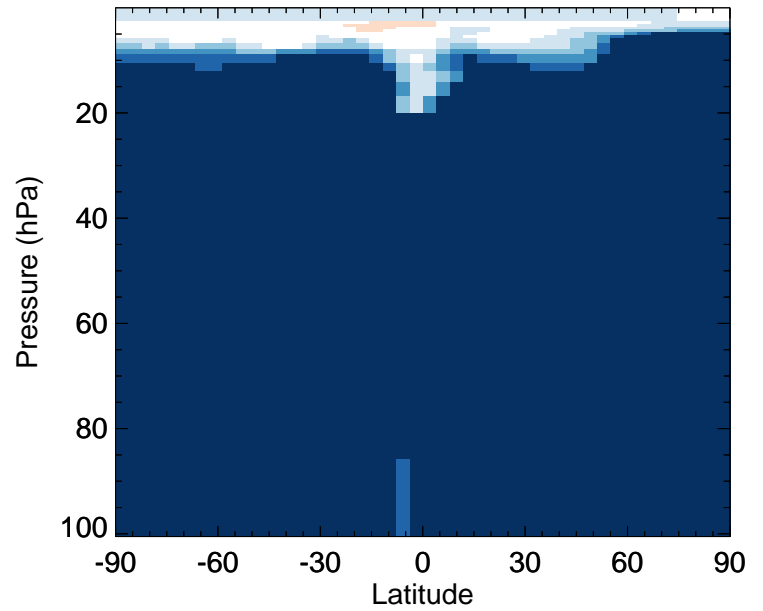
v11-02e-Run1 - v11-02d-Run1

HCl - Strat zonal mean abs diff for Jan



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

HCl - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

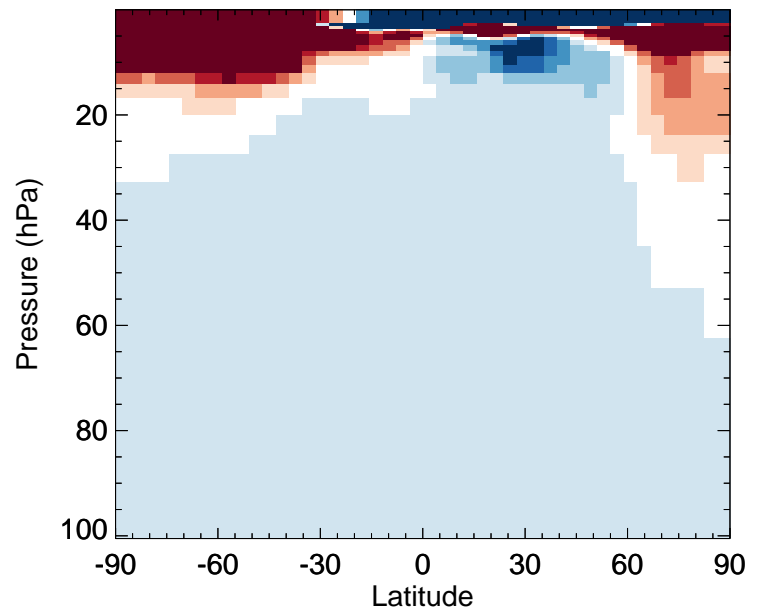
v11-02e-Run1 - v11-02e-Run0

CCI4 - Strat zonal mean abs diff for Jan



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

CCI4 - Strat zonal mean % diff for Jan



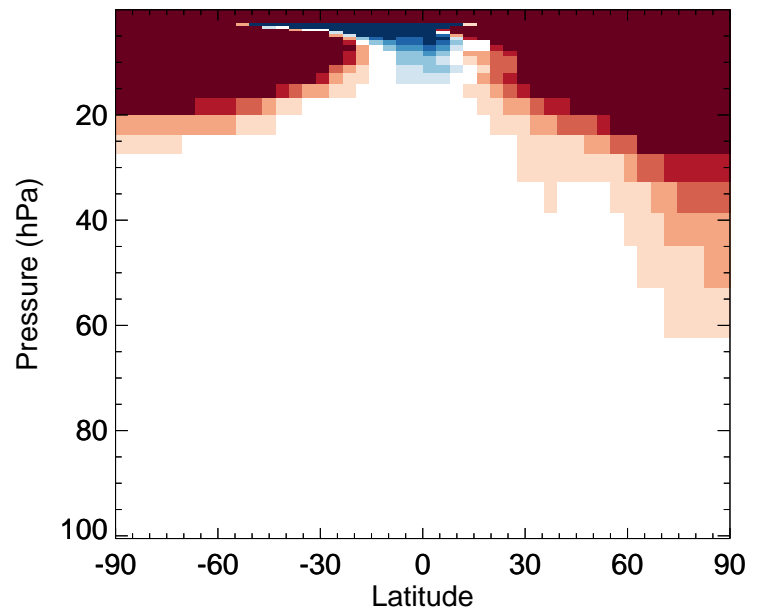
v11-02e-Run1 - v11-02d-Run1

CCI4 - Strat zonal mean abs diff for Jan



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

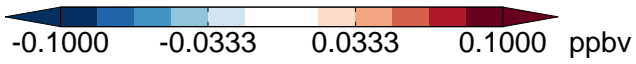
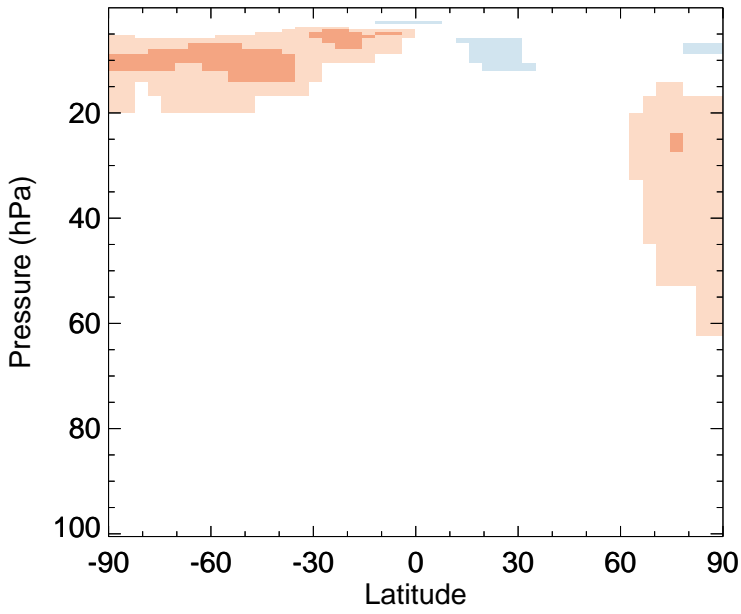
CCI4 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

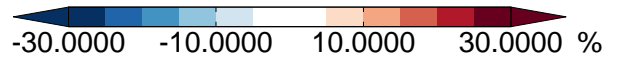
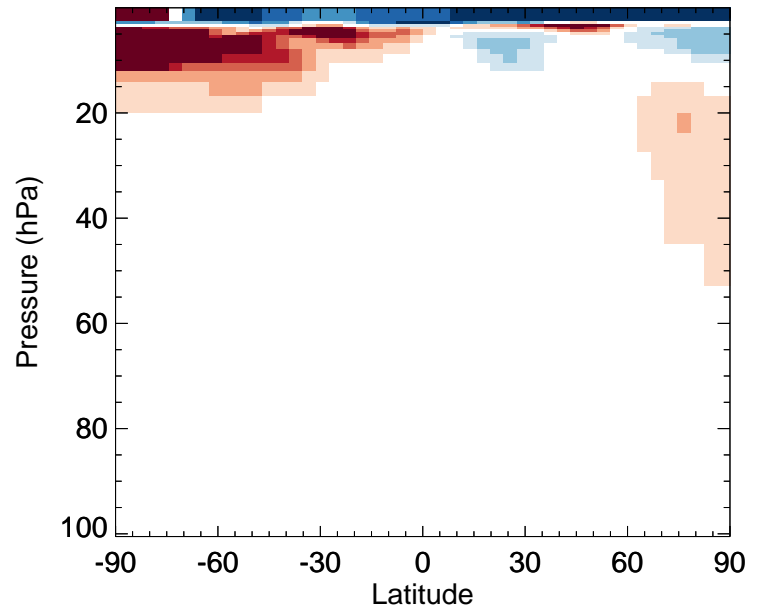
v11-02e-Run1 - v11-02e-Run0

CH3Cl - Strat zonal mean abs diff for Jan



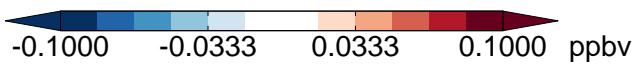
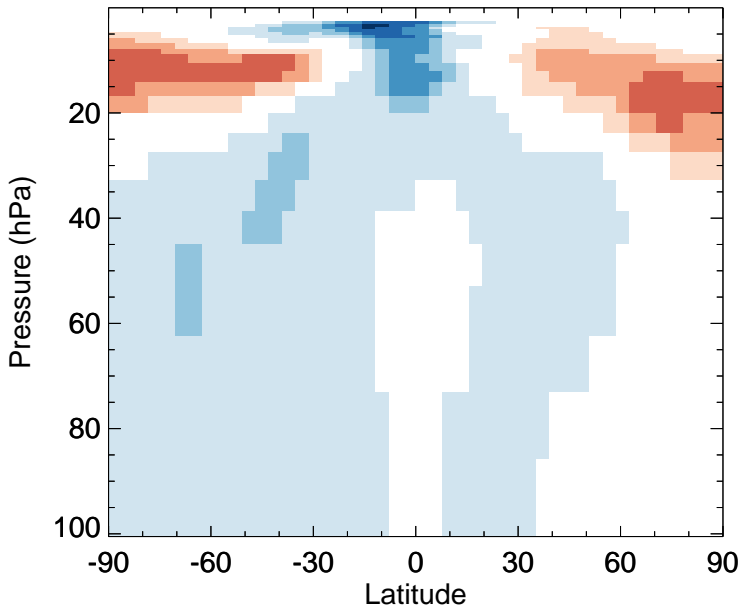
v11-02e-Run1 / v11-02e-Run0

CH3Cl - Strat zonal mean % diff for Jan



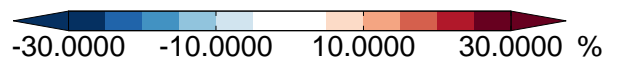
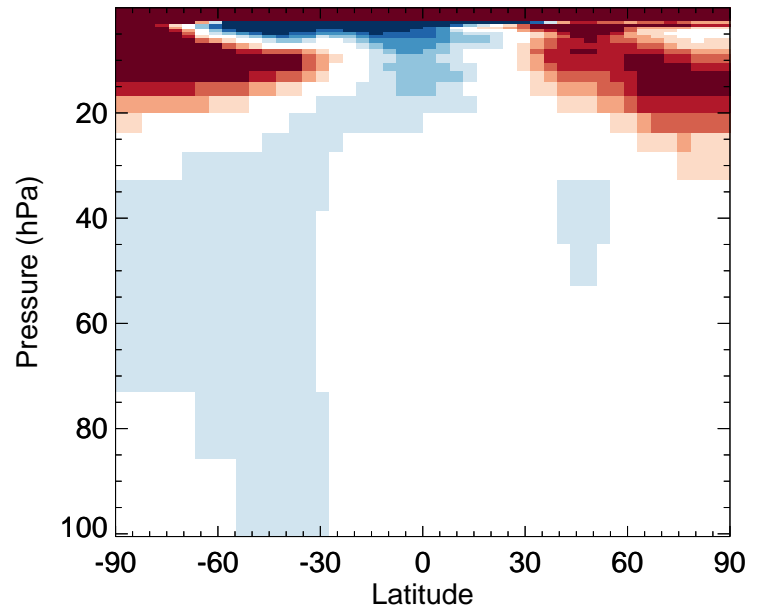
v11-02e-Run1 - v11-02d-Run1

CH3Cl - Strat zonal mean abs diff for Jan



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

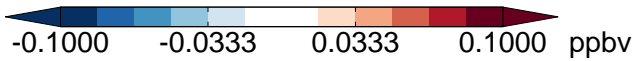
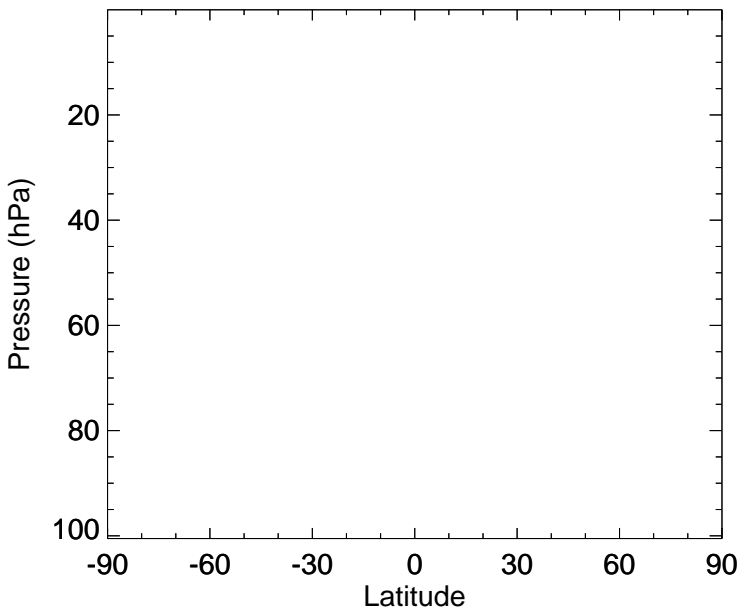
CH3Cl - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

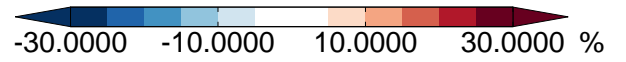
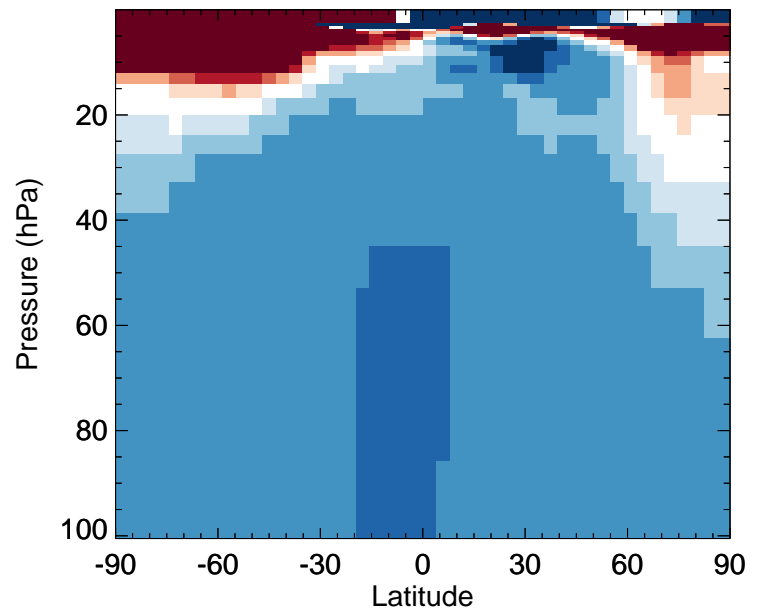
v11-02e-Run1 - v11-02e-Run0

CH3CCI3 - Strat zonal mean abs diff for Jan



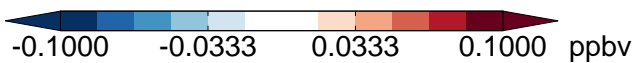
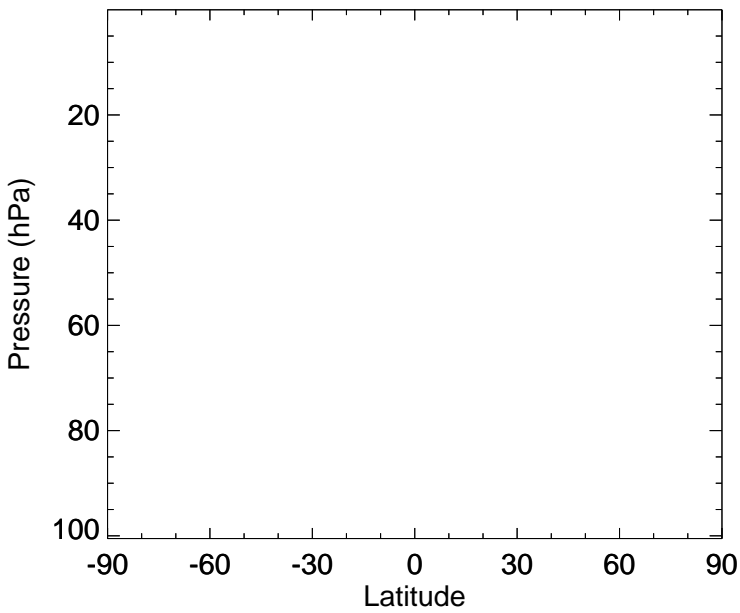
v11-02e-Run1 / v11-02e-Run0

CH3CCI3 - Strat zonal mean % diff for Jan



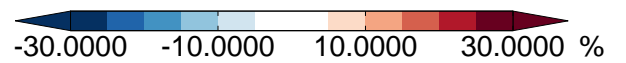
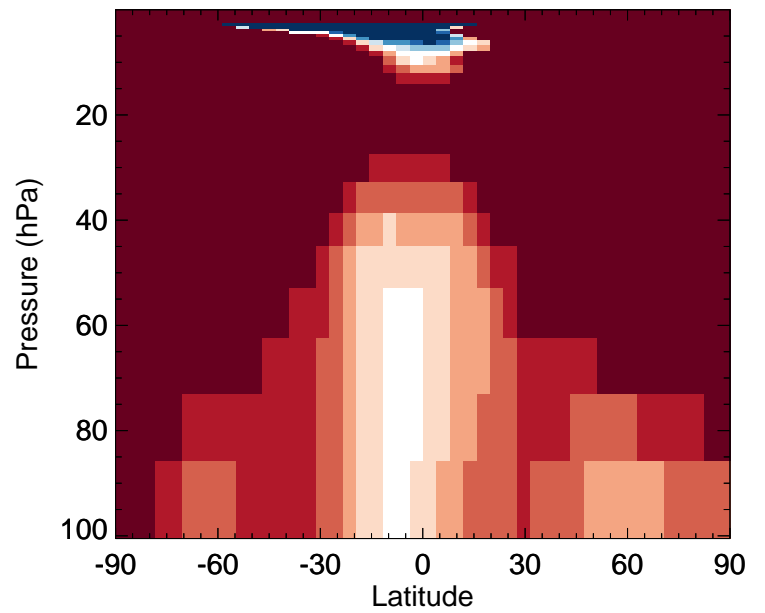
v11-02e-Run1 - v11-02d-Run1

CH3CCI3 - Strat zonal mean abs diff for Jan



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

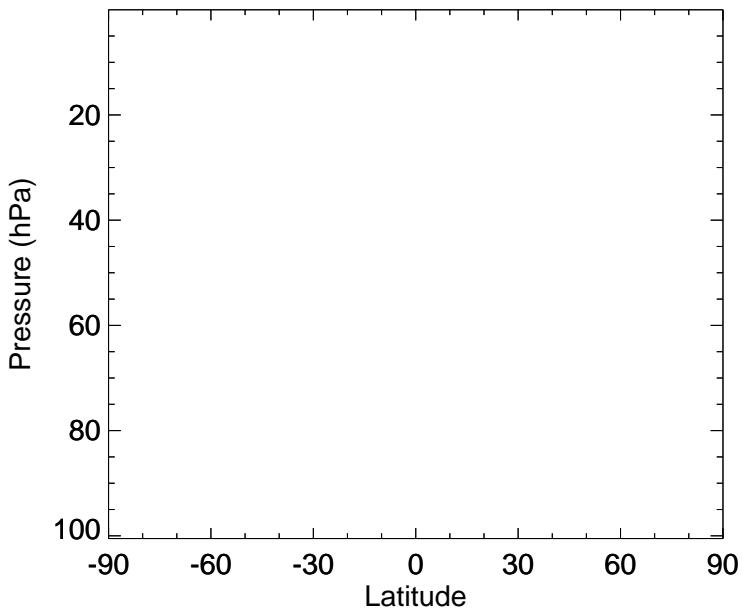
CH3CCI3 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

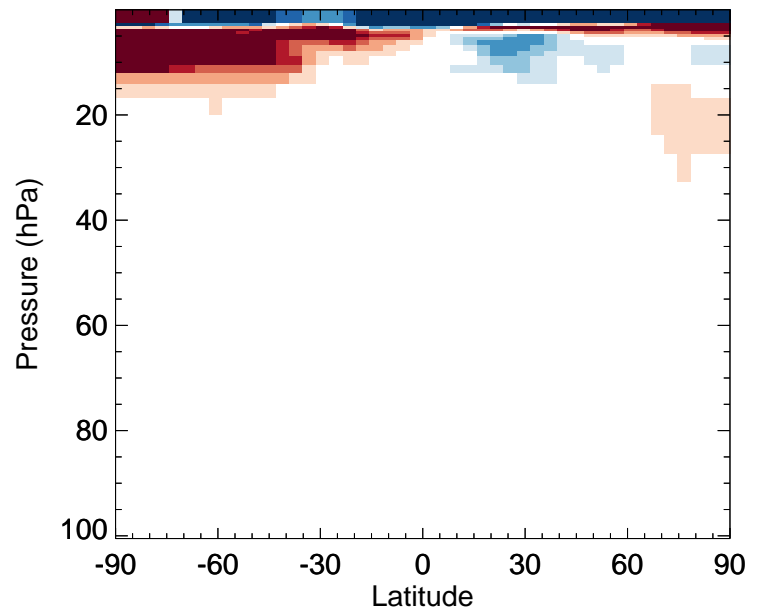
v11-02e-Run1 - v11-02e-Run0

CFC113 - Strat zonal mean abs diff for Jan



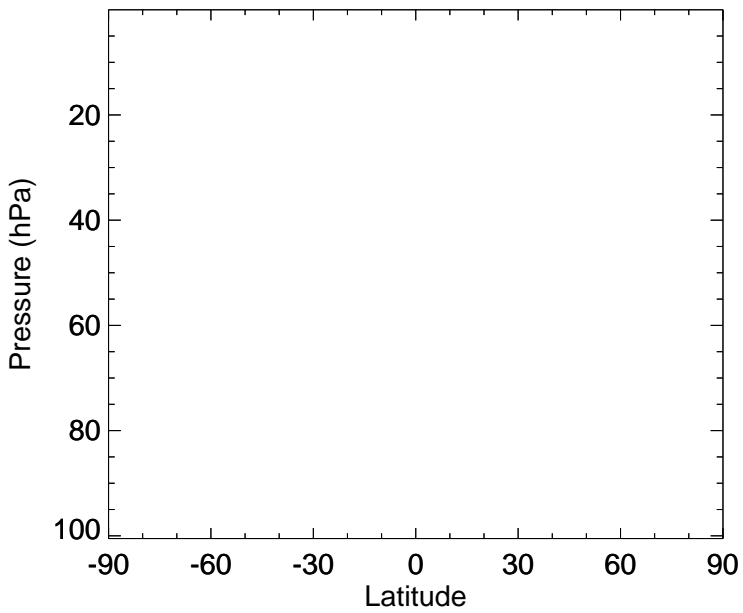
v11-02e-Run1 / v11-02e-Run0

CFC113 - Strat zonal mean % diff for Jan



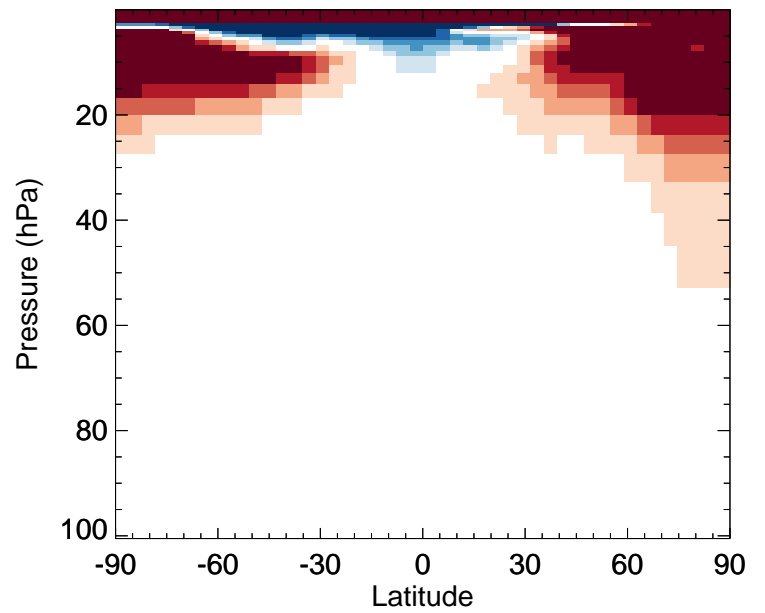
v11-02e-Run1 - v11-02d-Run1

CFC113 - Strat zonal mean abs diff for Jan



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

CFC113 - Strat zonal mean % diff for Jan

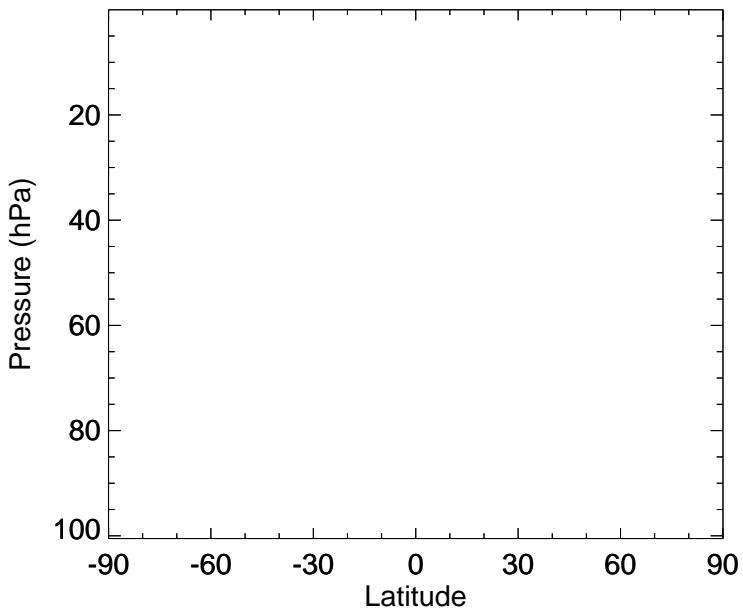




# GEOS-Chem Stratospheric Zonal Difference Maps

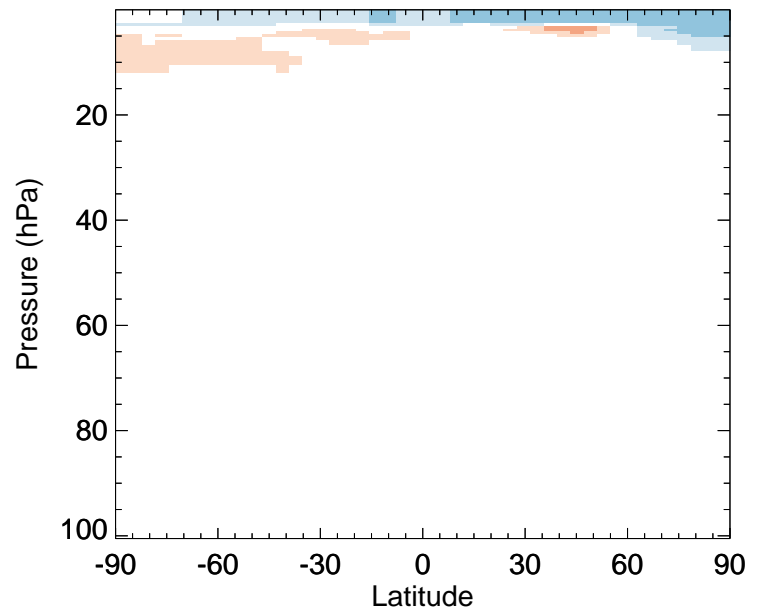
v11-02e-Run1 - v11-02e-Run0

CFC114 - Strat zonal mean abs diff for Jan



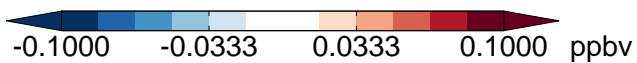
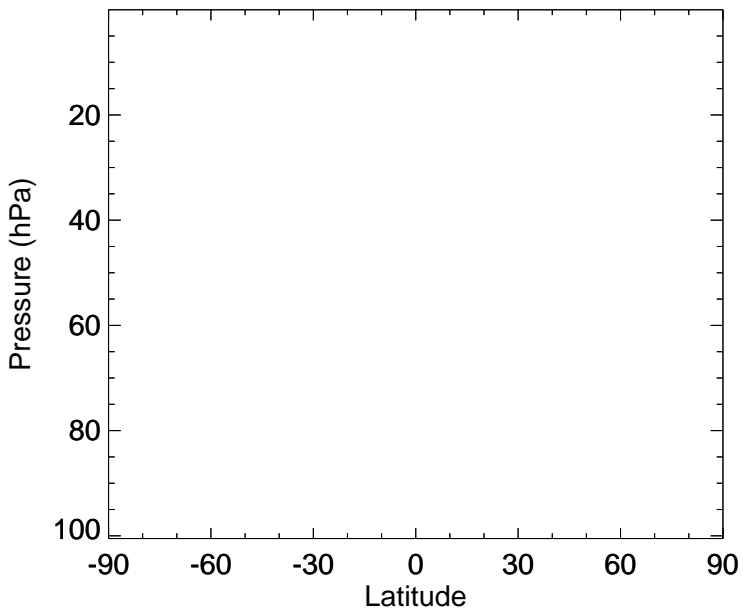
v11-02e-Run1 / v11-02e-Run0

CFC114 - Strat zonal mean % diff for Jan



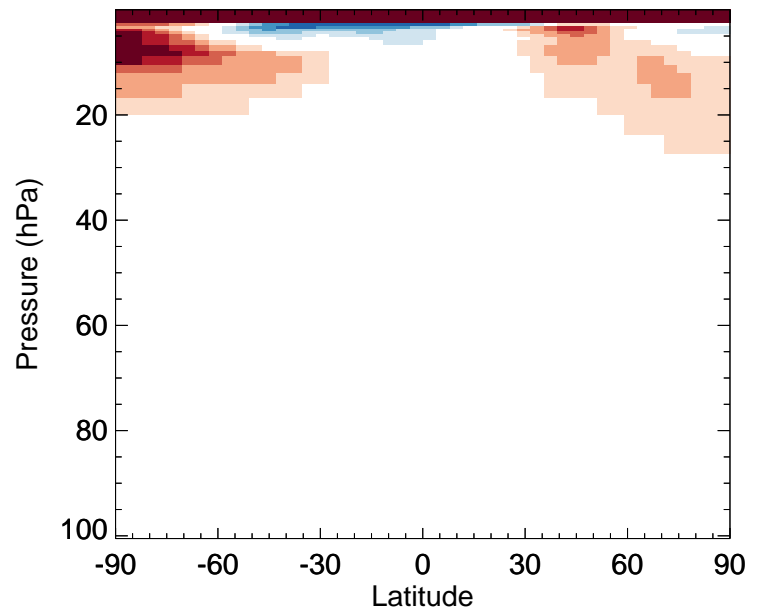
v11-02e-Run1 - v11-02d-Run1

CFC114 - Strat zonal mean abs diff for Jan



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

CFC114 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

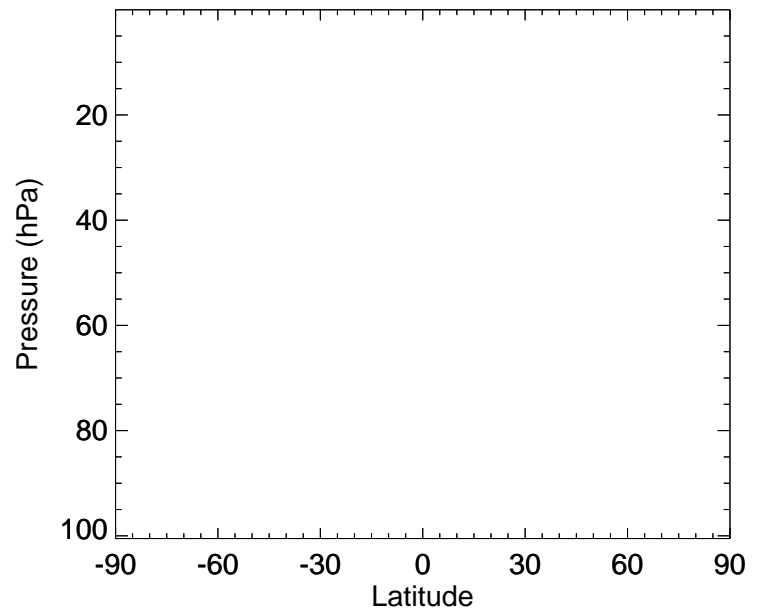
v11-02e-Run1 - v11-02e-Run0

CFC115 - Strat zonal mean abs diff for Jan



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

CFC115 - Strat zonal mean % diff for Jan



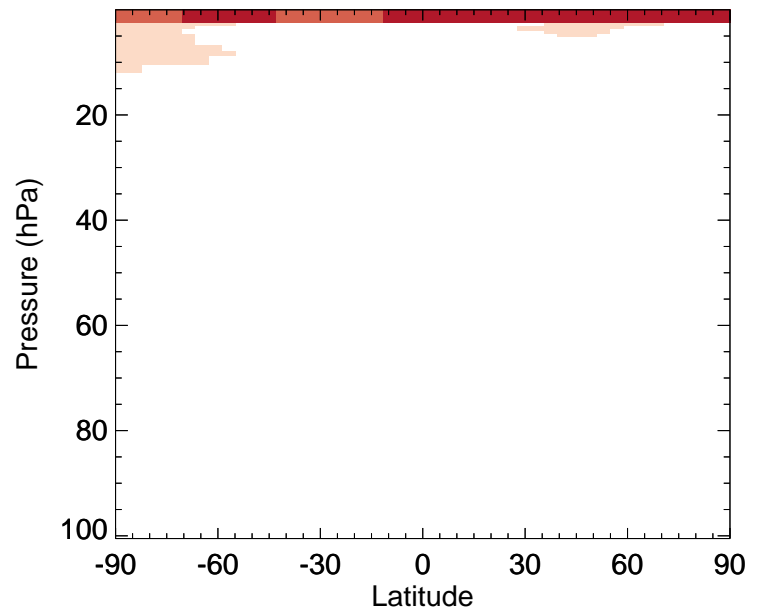
v11-02e-Run1 - v11-02d-Run1

CFC115 - Strat zonal mean abs diff for Jan



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

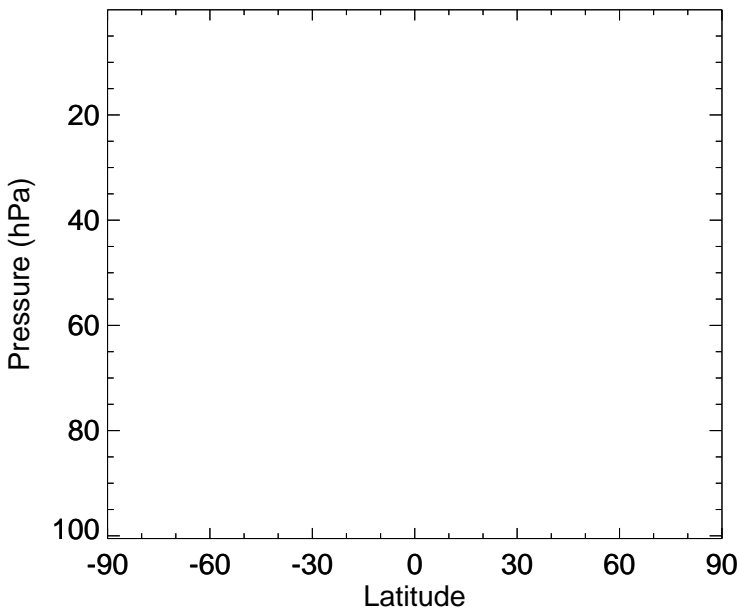
CFC115 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

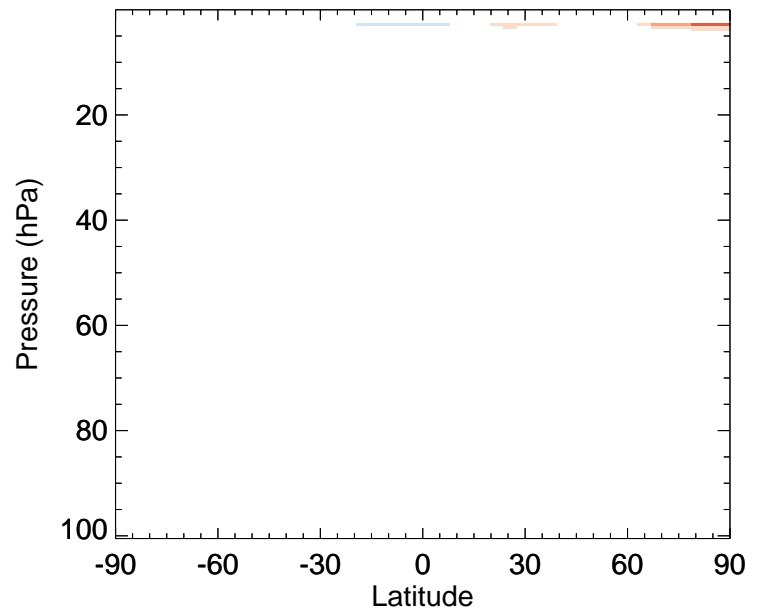
v11-02e-Run1 - v11-02e-Run0

HCFC123 - Strat zonal mean abs diff for Jan



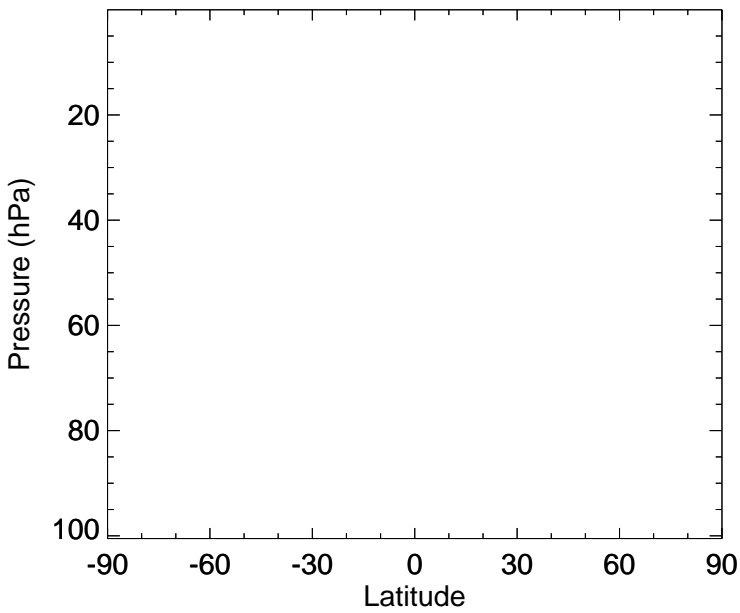
v11-02e-Run1 / v11-02e-Run0

HCFC123 - Strat zonal mean % diff for Jan



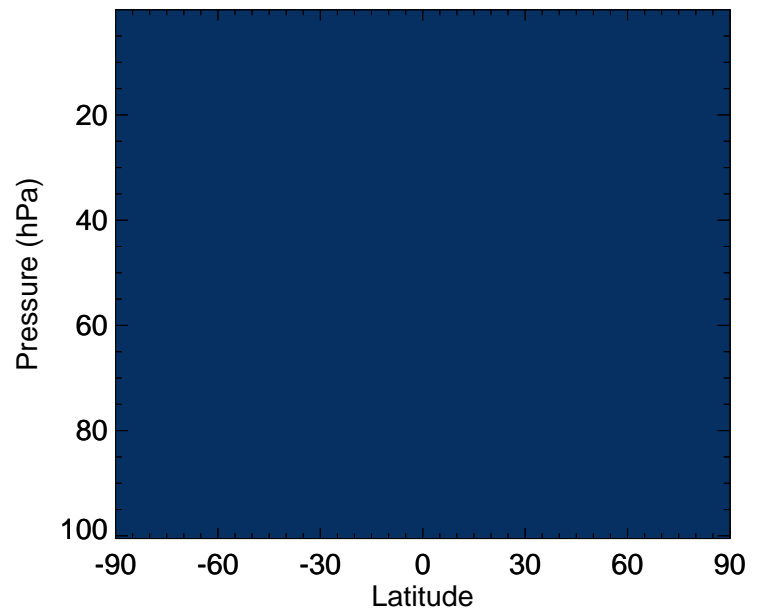
v11-02e-Run1 - v11-02d-Run1

HCFC123 - Strat zonal mean abs diff for Jan



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

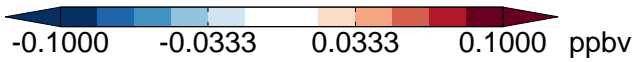
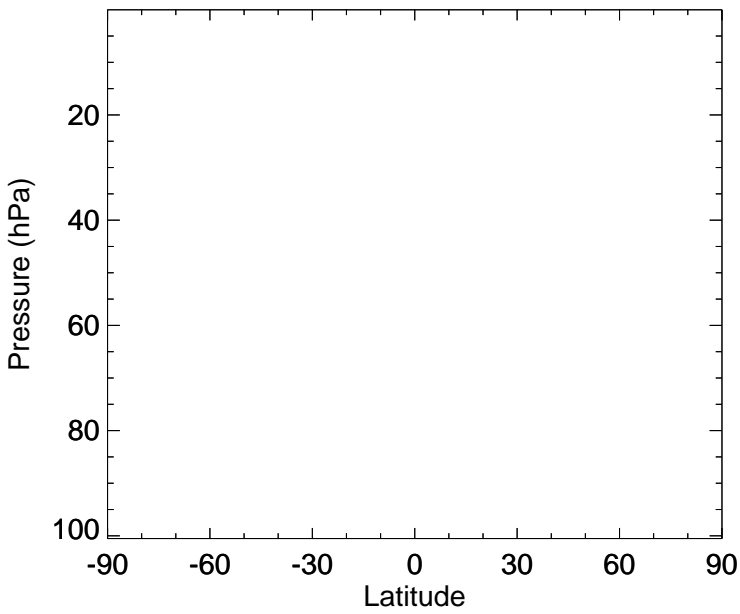
HCFC123 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

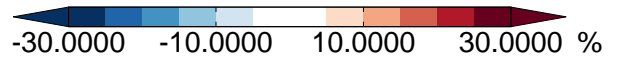
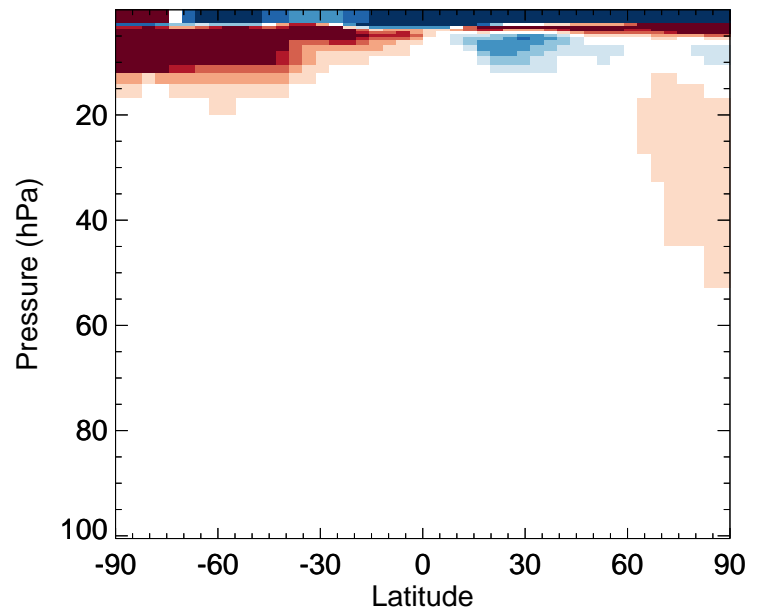
v11-02e-Run1 - v11-02e-Run0

HCFC141b - Strat zonal mean abs diff for Jan



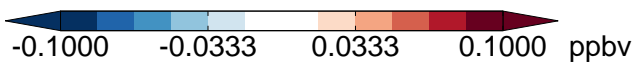
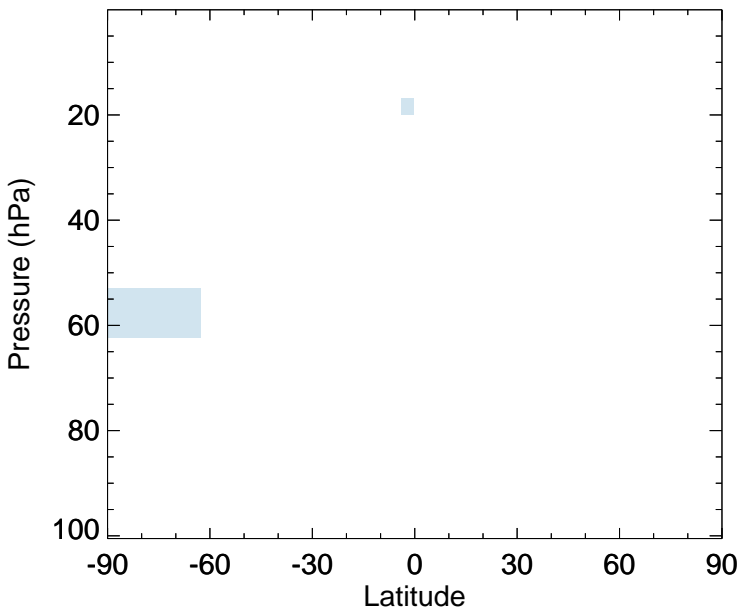
v11-02e-Run1 / v11-02e-Run0

HCFC141b - Strat zonal mean % diff for Jan



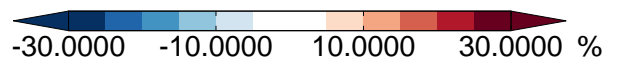
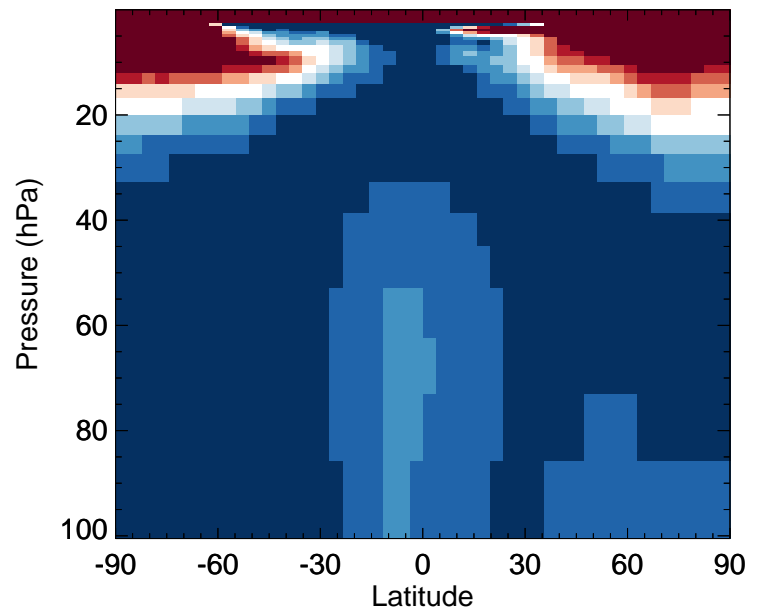
v11-02e-Run1 - v11-02d-Run1

HCFC141b - Strat zonal mean abs diff for Jan



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

HCFC141b - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

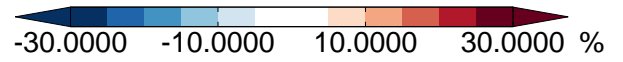
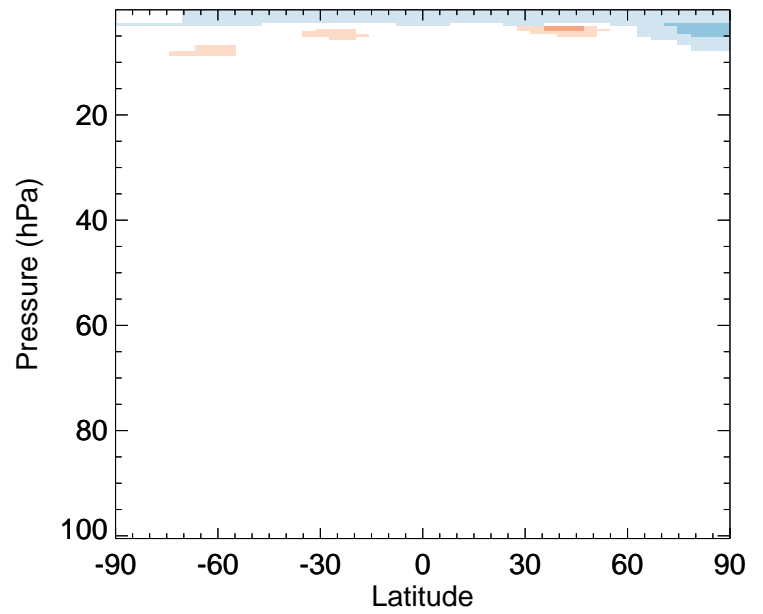
v11-02e-Run1 - v11-02e-Run0

HCFC142b - Strat zonal mean abs diff for Jan



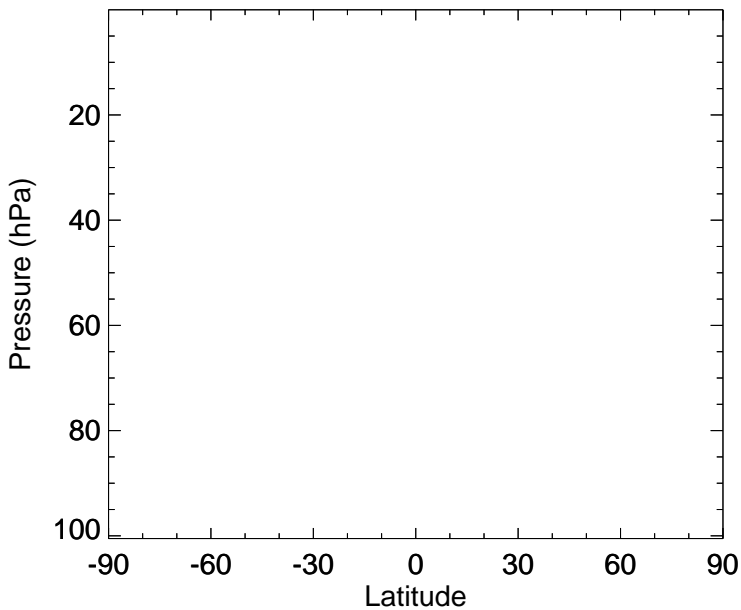
v11-02e-Run1 / v11-02e-Run0

HCFC142b - Strat zonal mean % diff for Jan



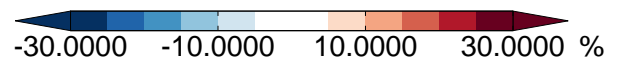
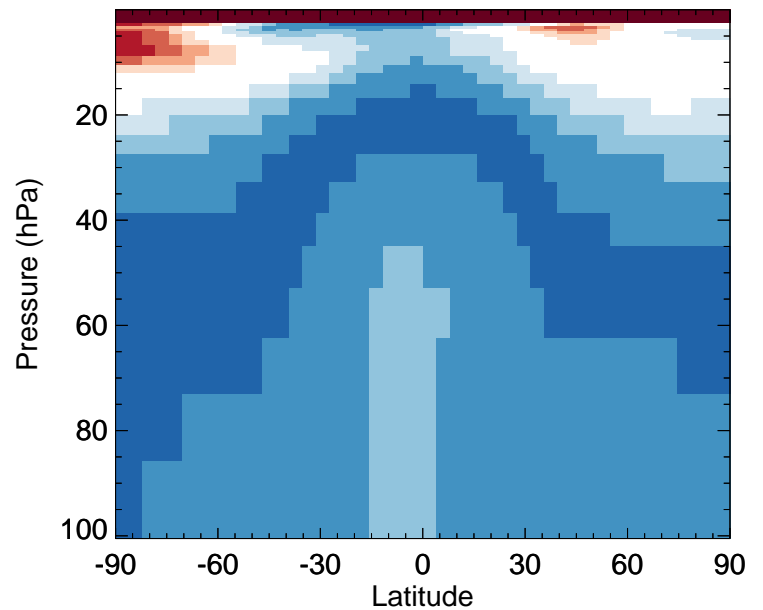
v11-02e-Run1 - v11-02d-Run1

HCFC142b - Strat zonal mean abs diff for Jan



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

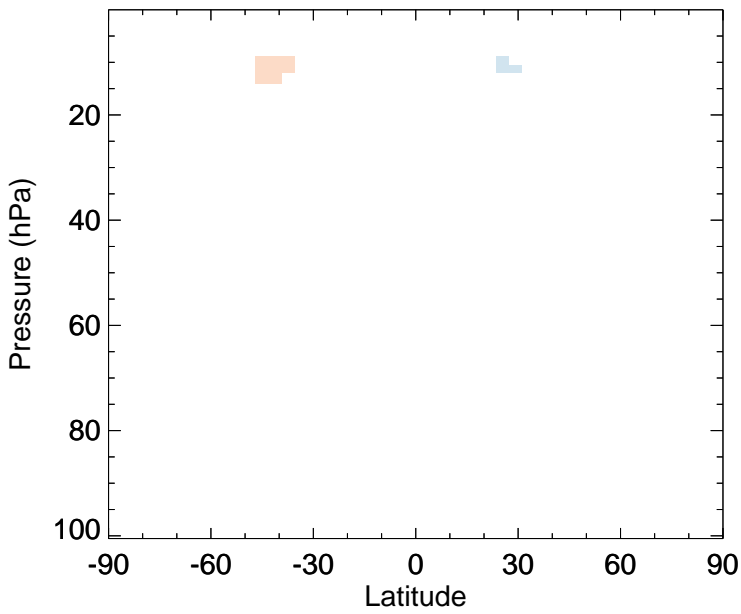
HCFC142b - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

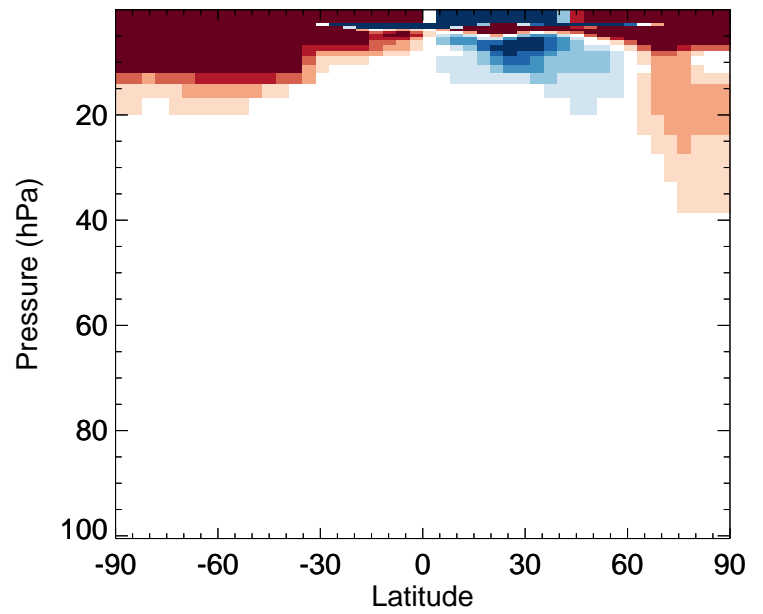
v11-02e-Run1 - v11-02e-Run0

CFC11 - Strat zonal mean abs diff for Jan



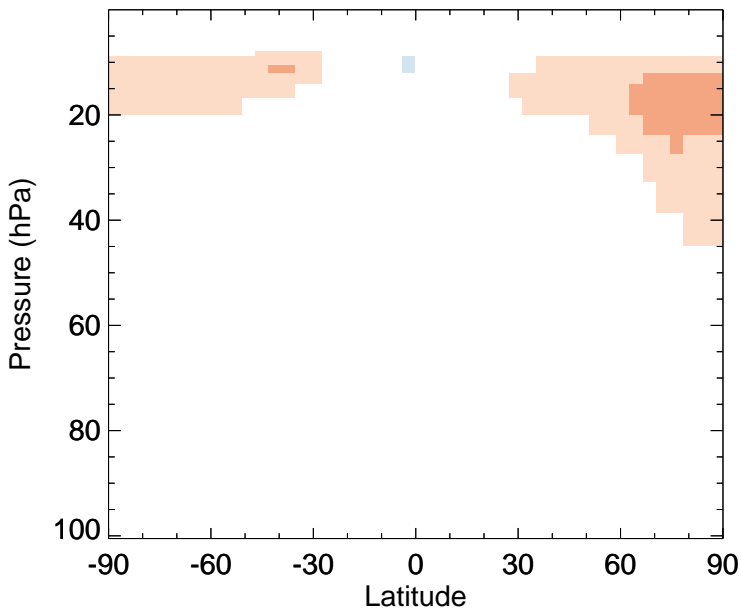
v11-02e-Run1 / v11-02e-Run0

CFC11 - Strat zonal mean % diff for Jan



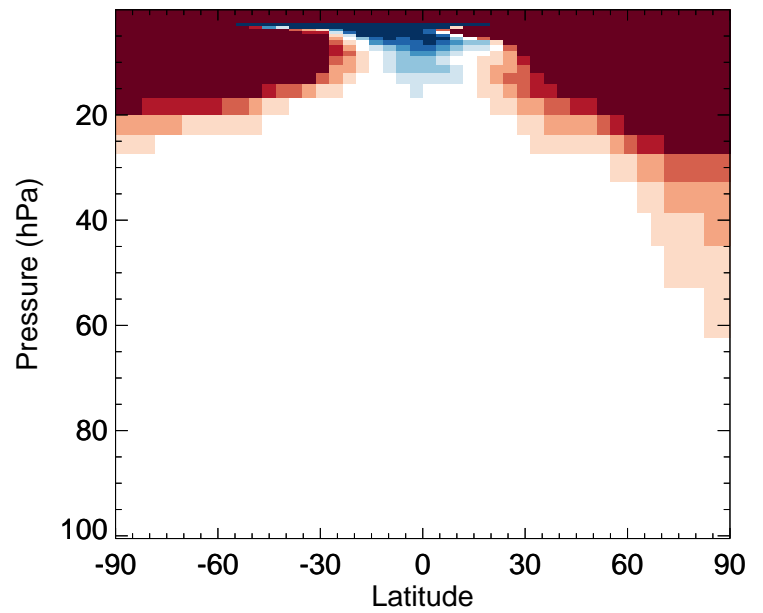
v11-02e-Run1 - v11-02d-Run1

CFC11 - Strat zonal mean abs diff for Jan



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

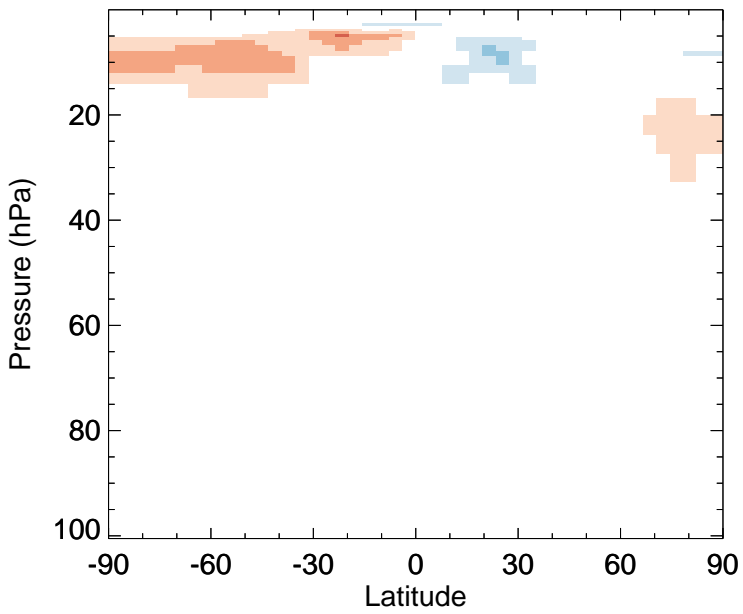
CFC11 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

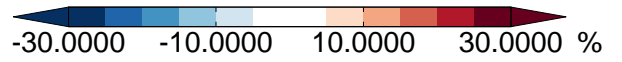
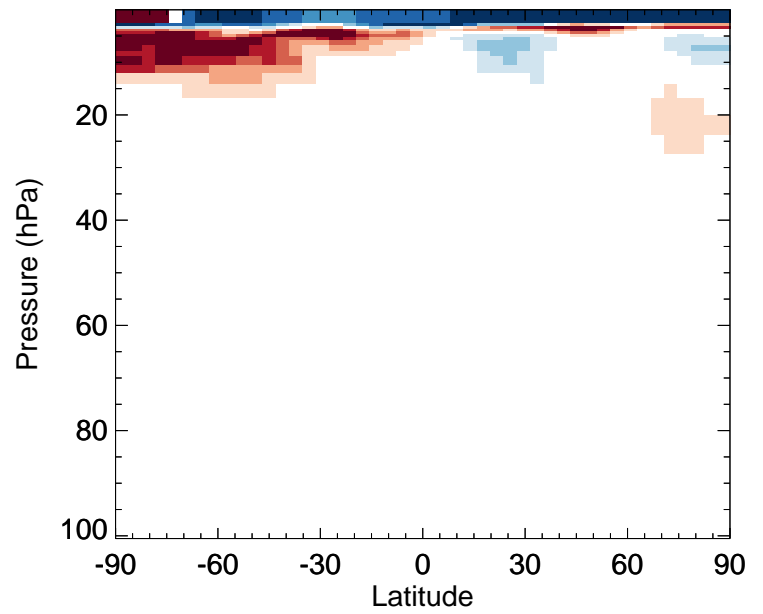
v11-02e-Run1 - v11-02e-Run0

CFC12 - Strat zonal mean abs diff for Jan



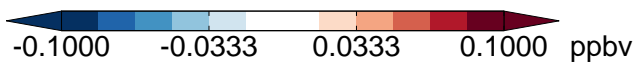
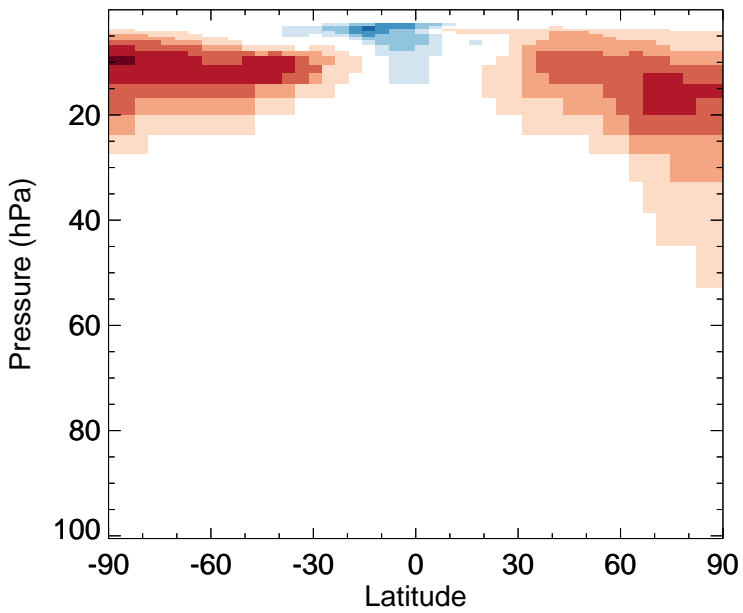
v11-02e-Run1 / v11-02e-Run0

CFC12 - Strat zonal mean % diff for Jan



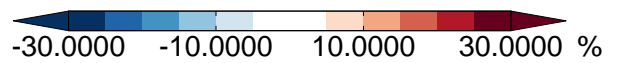
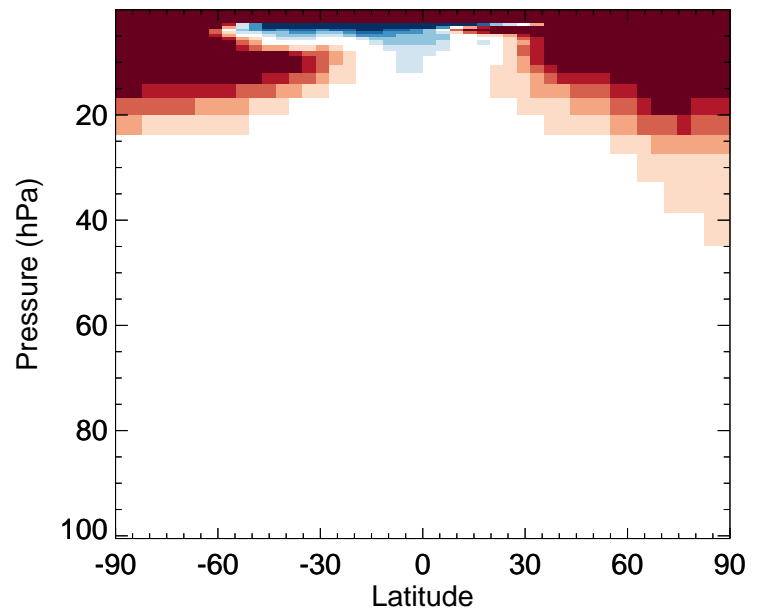
v11-02e-Run1 - v11-02d-Run1

CFC12 - Strat zonal mean abs diff for Jan



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

CFC12 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

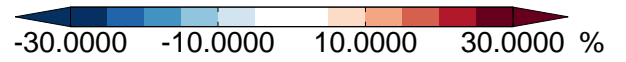
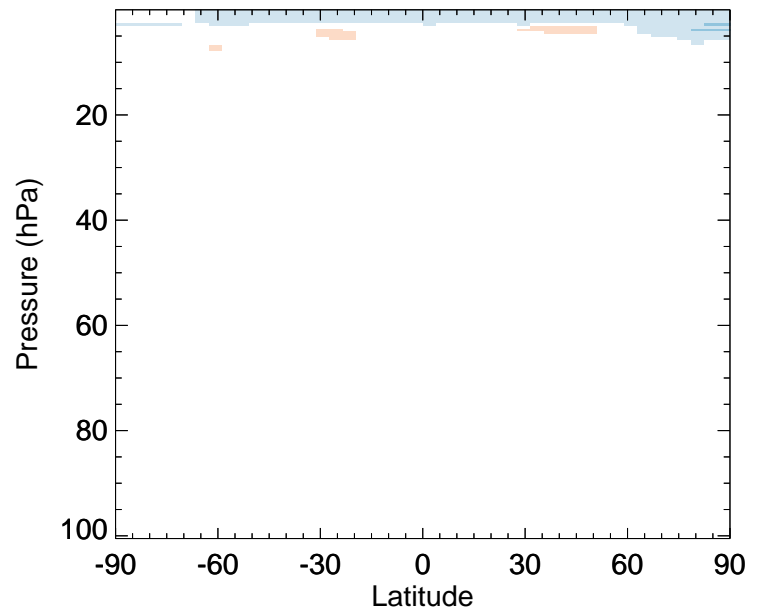
v11-02e-Run1 - v11-02e-Run0

HCFC22 - Strat zonal mean abs diff for Jan



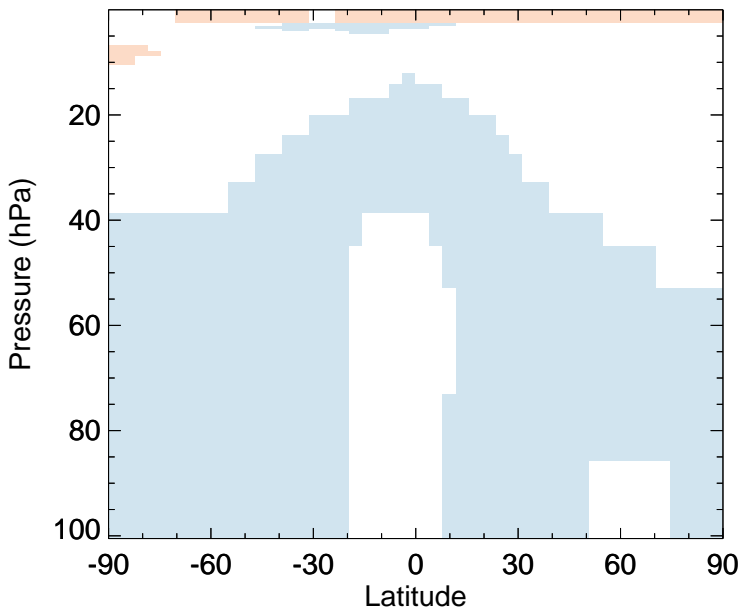
v11-02e-Run1 / v11-02e-Run0

HCFC22 - Strat zonal mean % diff for Jan



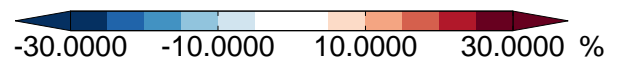
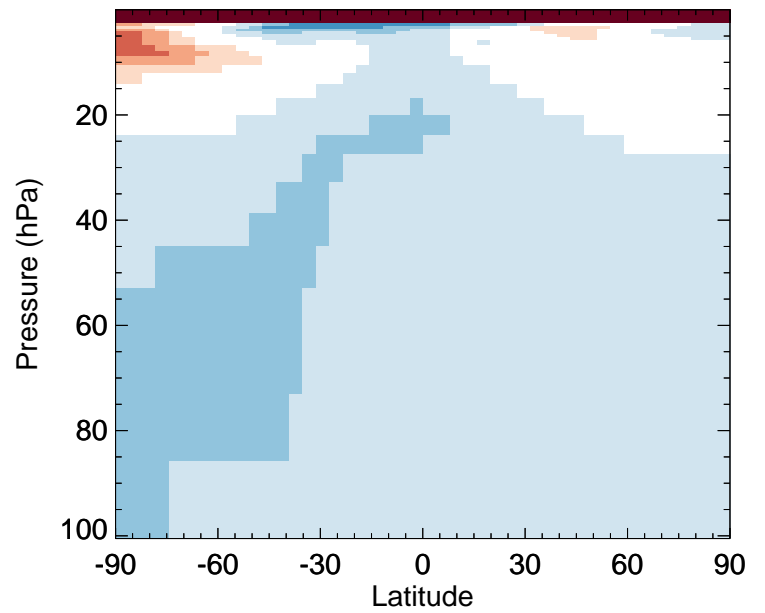
v11-02e-Run1 - v11-02d-Run1

HCFC22 - Strat zonal mean abs diff for Jan



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

HCFC22 - Strat zonal mean % diff for Jan

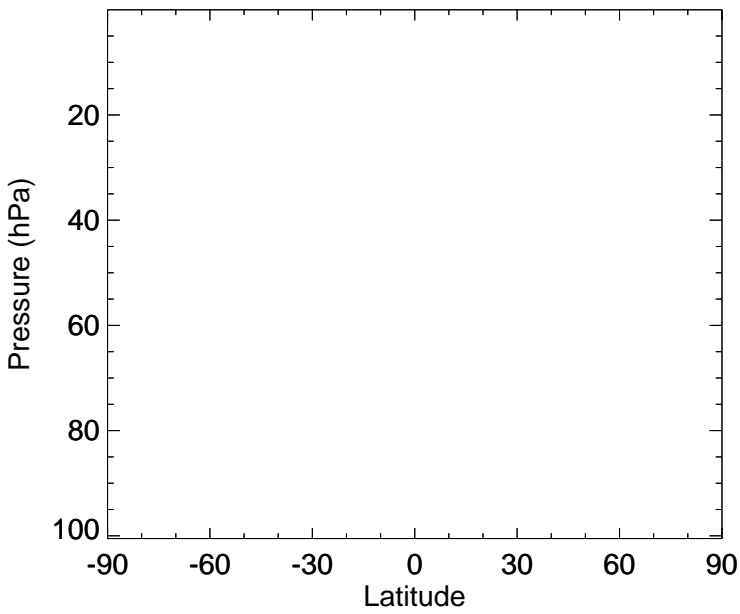




# GEOS-Chem Stratospheric Zonal Difference Maps

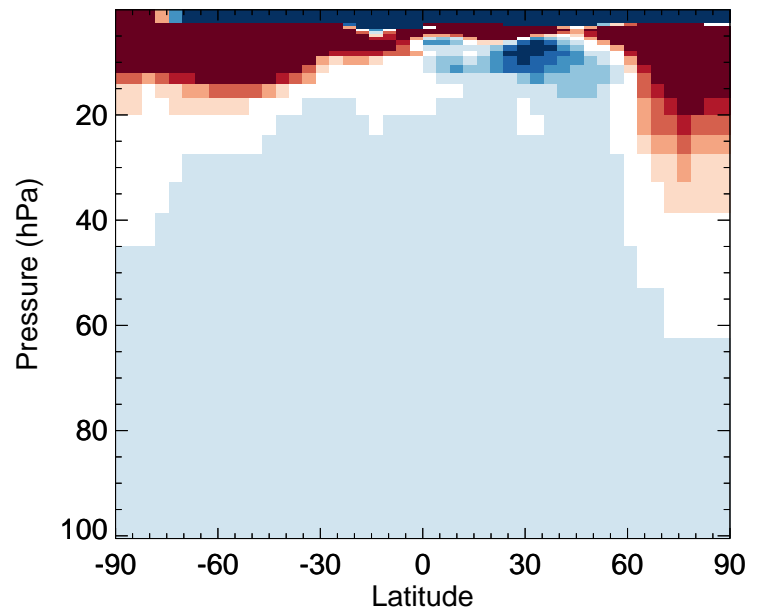
v11-02e-Run1 - v11-02e-Run0

H1211 - Strat zonal mean abs diff for Jan



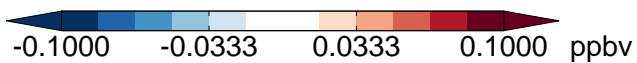
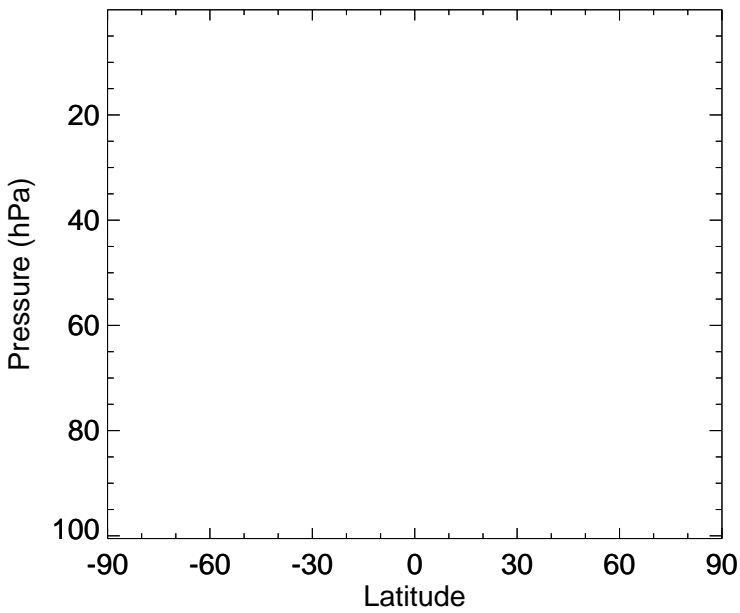
v11-02e-Run1 / v11-02e-Run0

H1211 - Strat zonal mean % diff for Jan



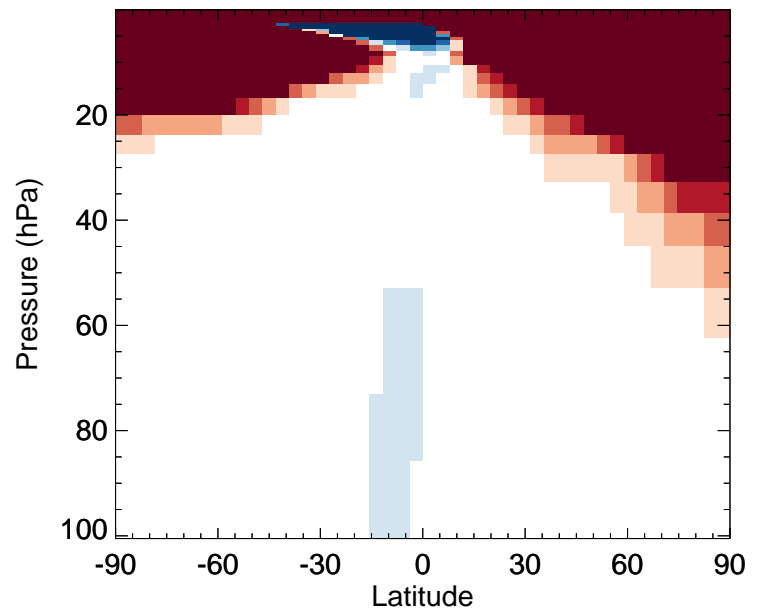
v11-02e-Run1 - v11-02d-Run1

H1211 - Strat zonal mean abs diff for Jan



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

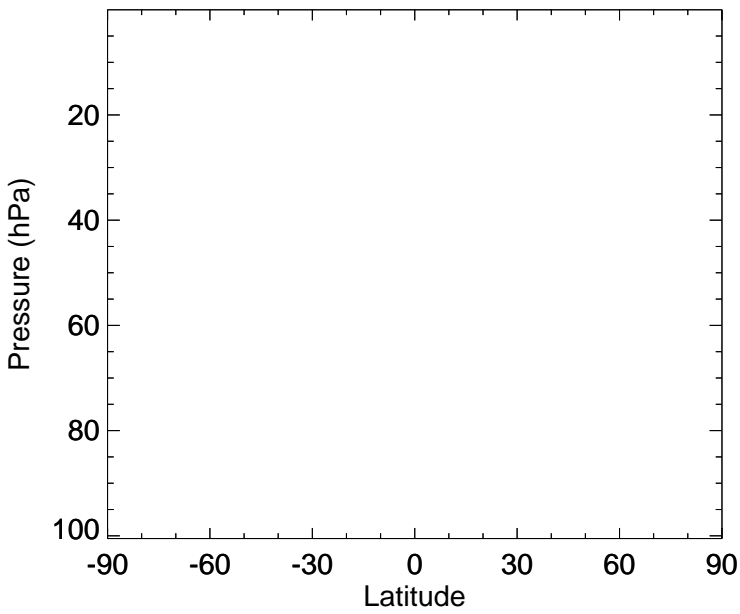
H1211 - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

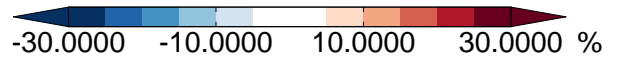
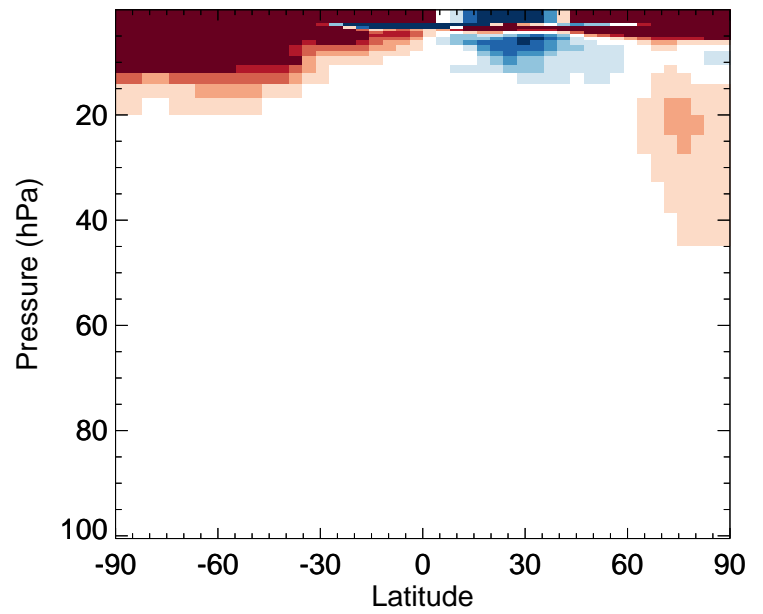
v11-02e-Run1 - v11-02e-Run0

H1301 - Strat zonal mean abs diff for Jan



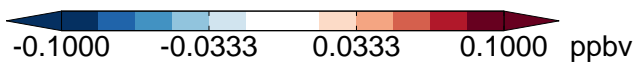
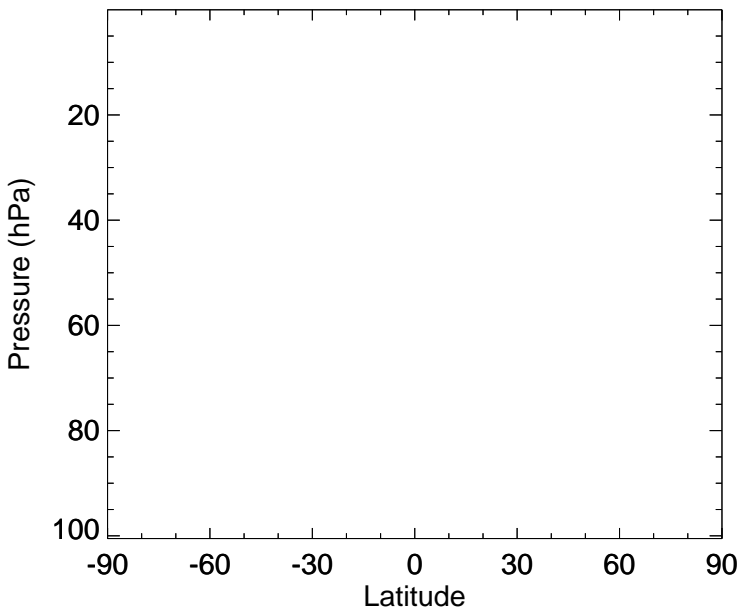
v11-02e-Run1 / v11-02e-Run0

H1301 - Strat zonal mean % diff for Jan



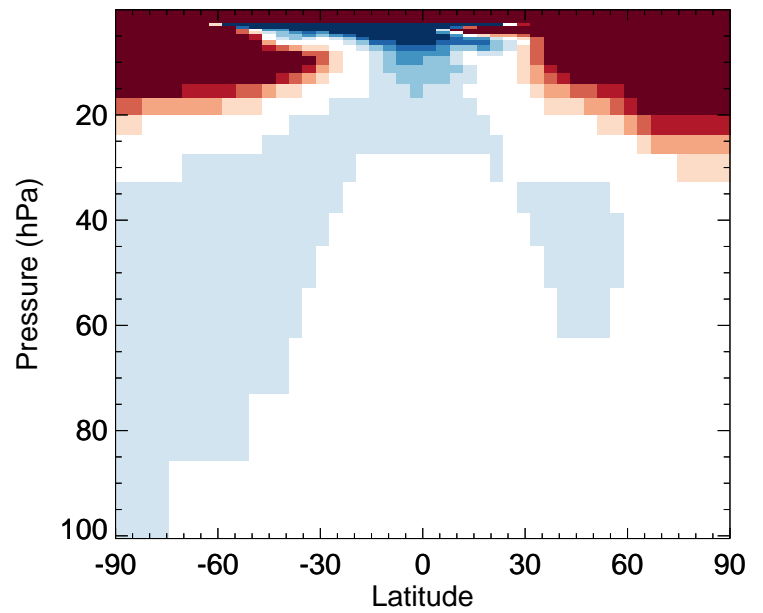
v11-02e-Run1 - v11-02d-Run1

H1301 - Strat zonal mean abs diff for Jan



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

H1301 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

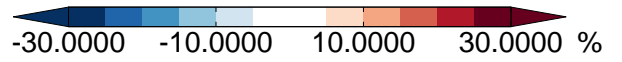
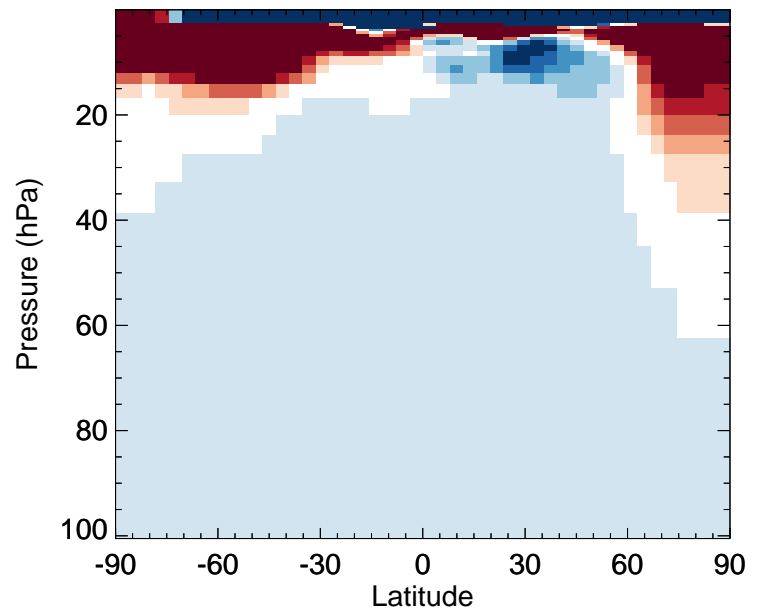
v11-02e-Run1 - v11-02e-Run0

H2402 - Strat zonal mean abs diff for Jan



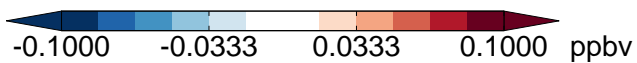
v11-02e-Run1 / v11-02e-Run0

H2402 - Strat zonal mean % diff for Jan



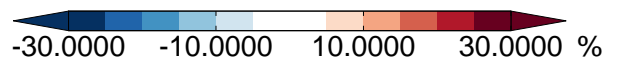
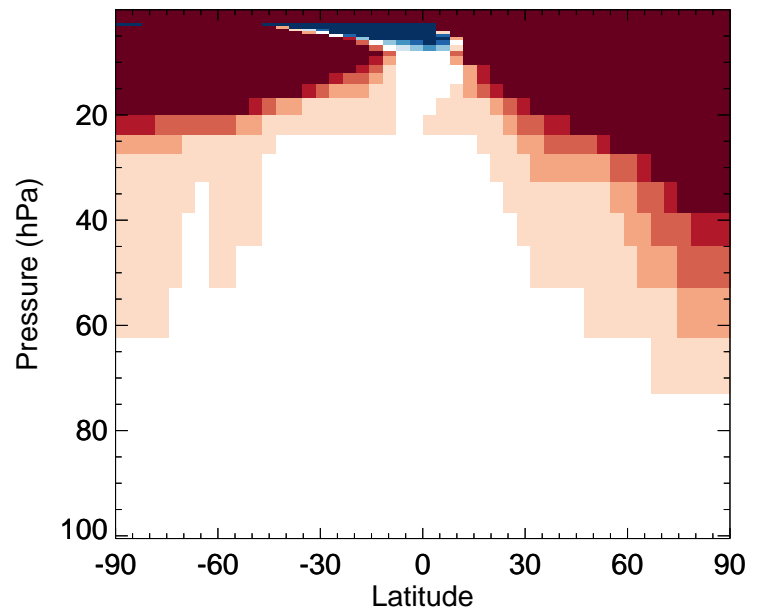
v11-02e-Run1 - v11-02d-Run1

H2402 - Strat zonal mean abs diff for Jan



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

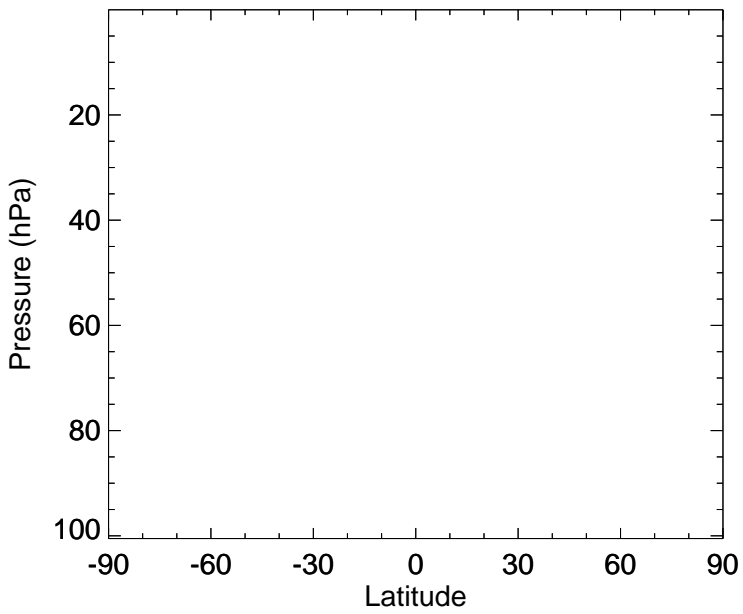
H2402 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

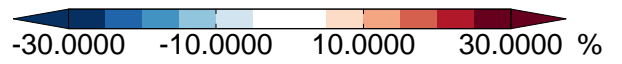
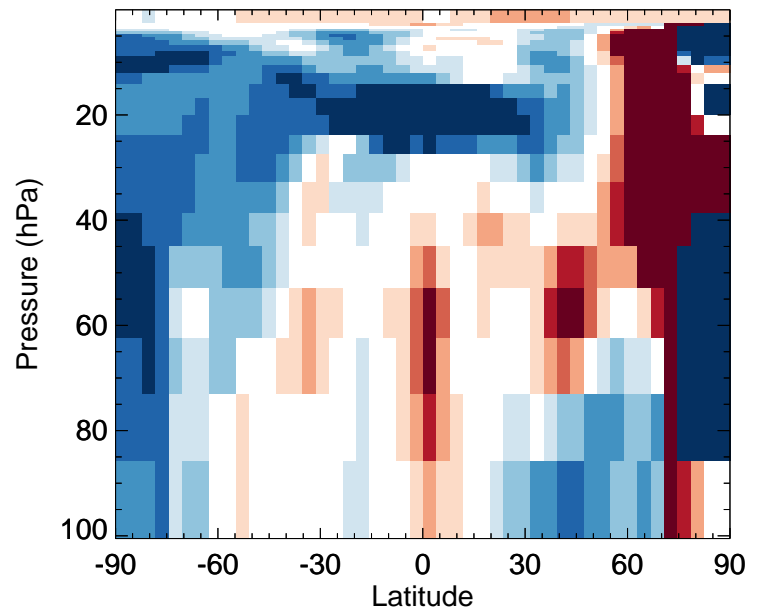
v11-02e-Run1 - v11-02e-Run0

Cl - Strat zonal mean abs diff for Jan



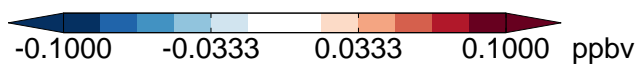
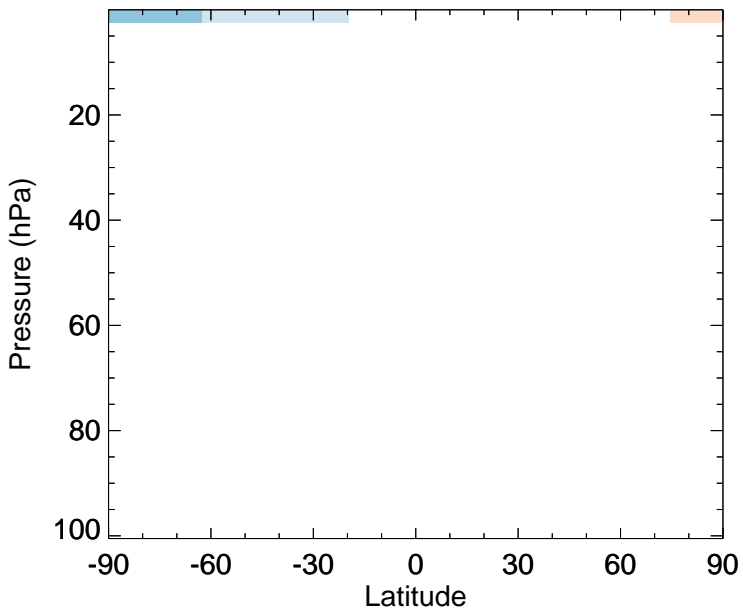
v11-02e-Run1 / v11-02e-Run0

Cl - Strat zonal mean % diff for Jan



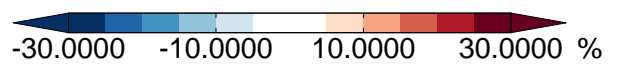
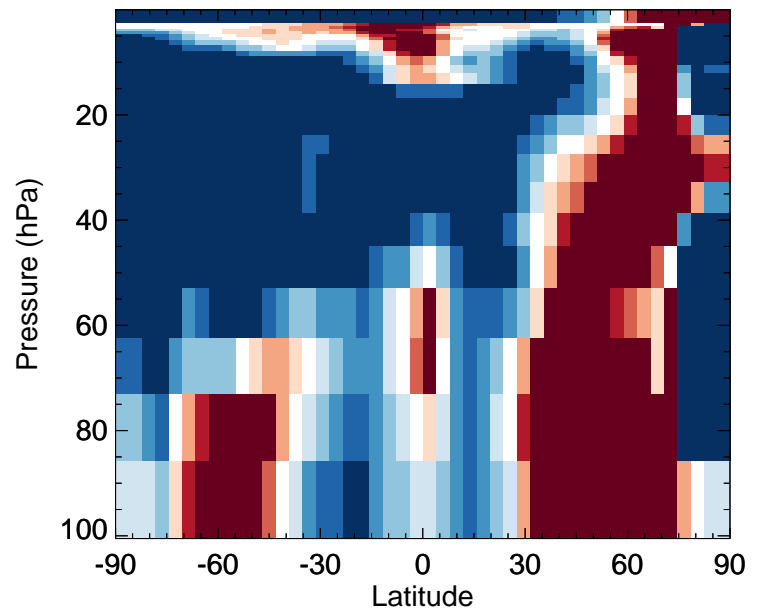
v11-02e-Run1 - v11-02d-Run1

Cl - Strat zonal mean abs diff for Jan



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

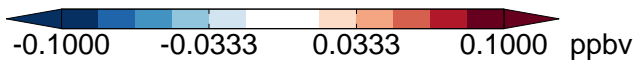
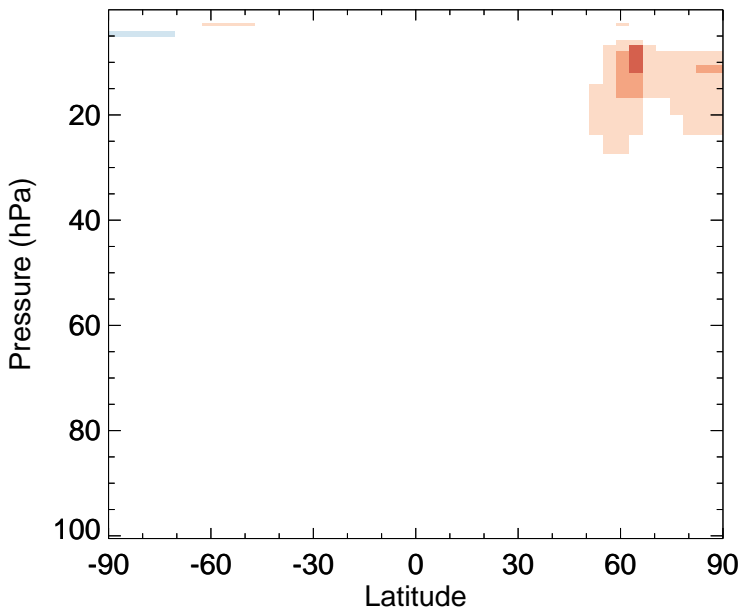
Cl - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

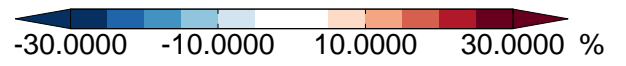
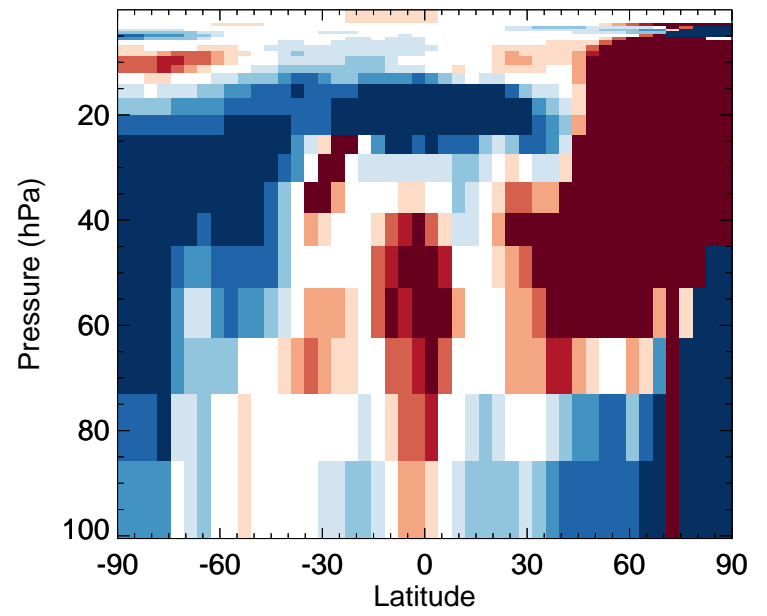
v11-02e-Run1 - v11-02e-Run0

CIO - Strat zonal mean abs diff for Jan



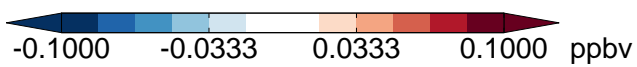
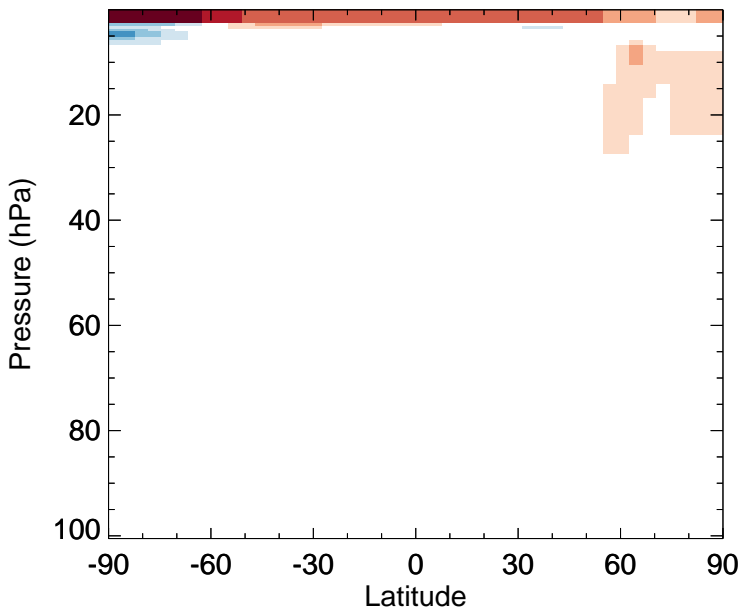
v11-02e-Run1 / v11-02e-Run0

CIO - Strat zonal mean % diff for Jan



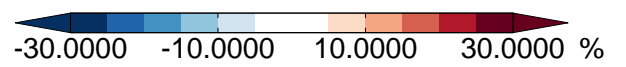
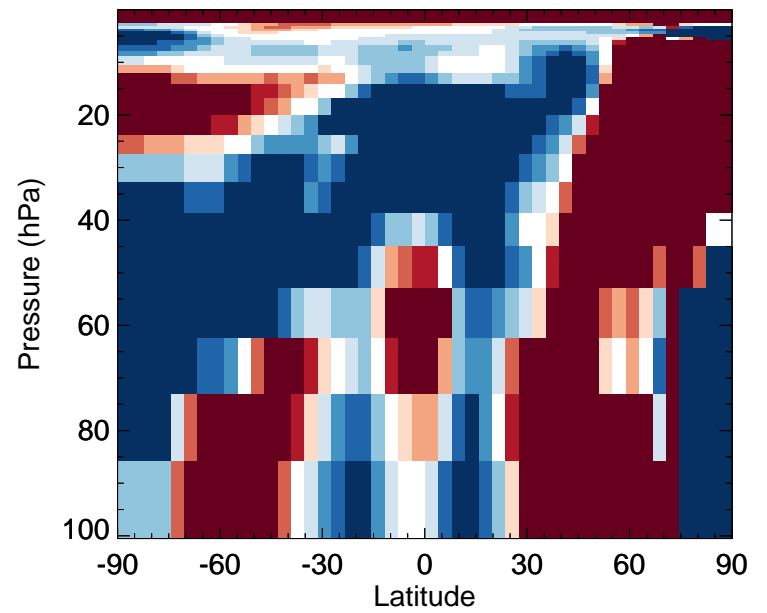
v11-02e-Run1 - v11-02d-Run1

CIO - Strat zonal mean abs diff for Jan



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

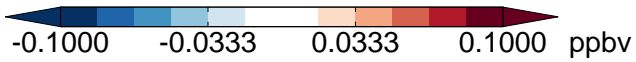
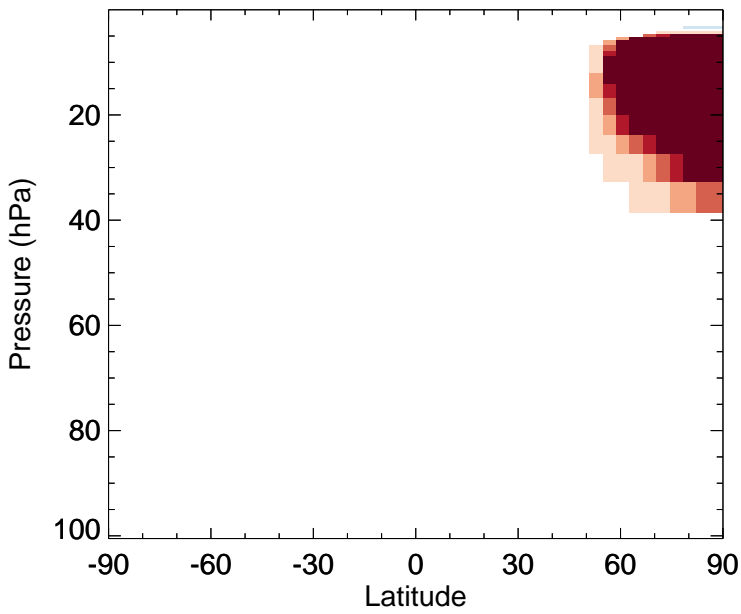
CIO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

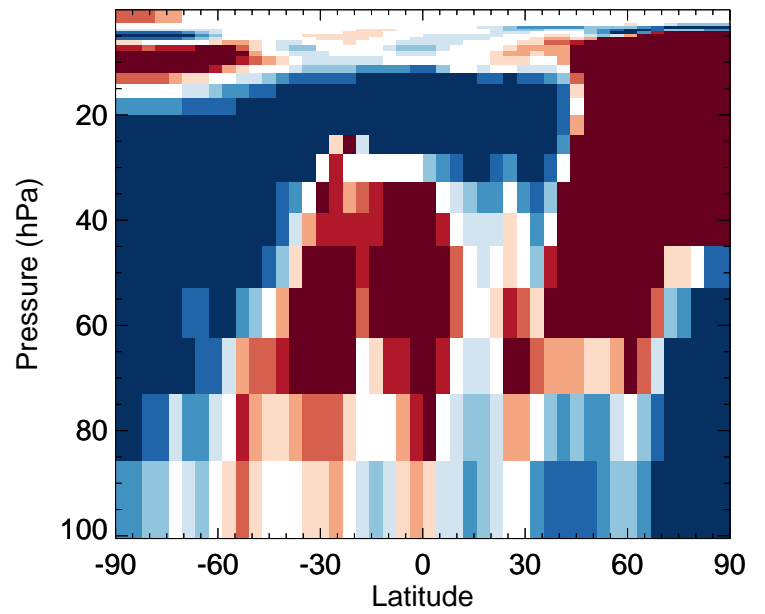
v11-02e-Run1 - v11-02e-Run0

HOCl - Strat zonal mean abs diff for Jan



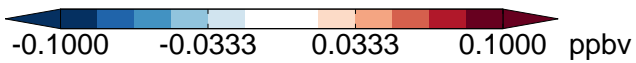
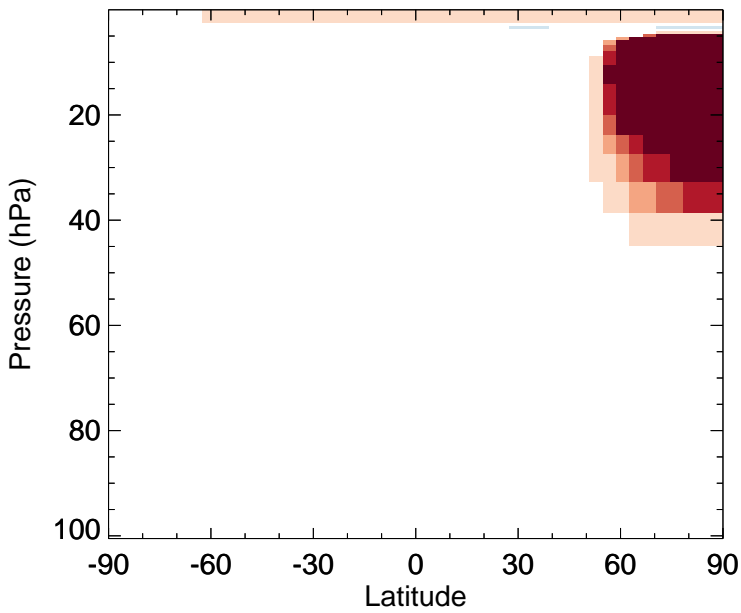
v11-02e-Run1 / v11-02e-Run0

HOCl - Strat zonal mean % diff for Jan



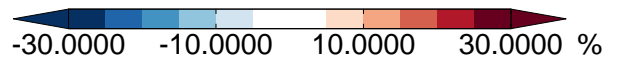
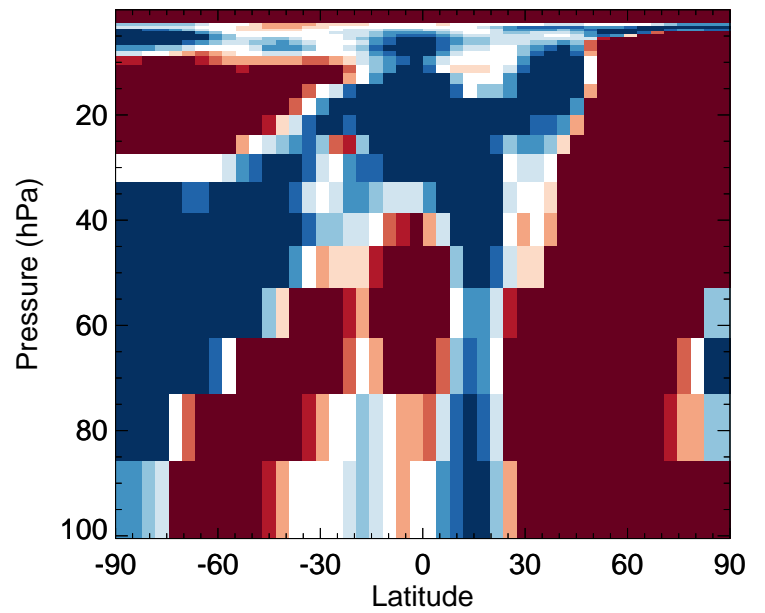
v11-02e-Run1 - v11-02d-Run1

HOCl - Strat zonal mean abs diff for Jan



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

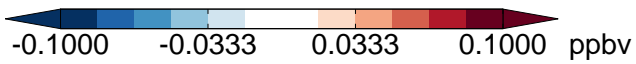
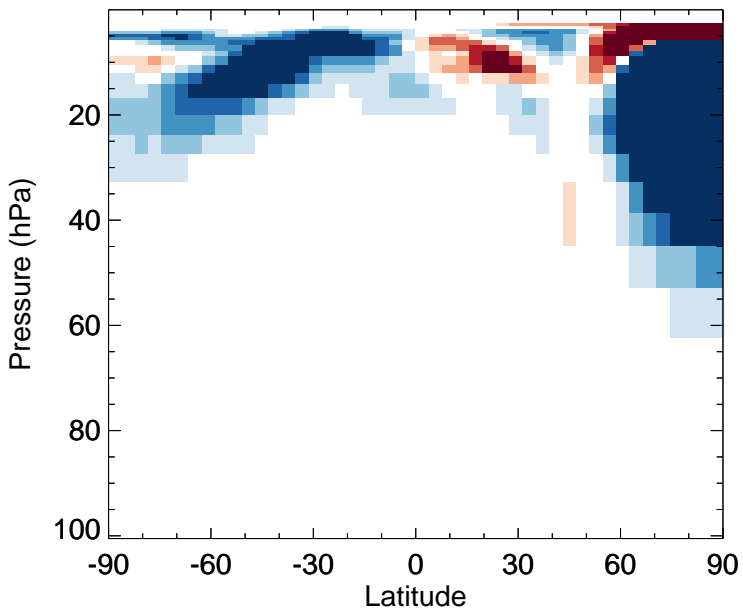
HOCl - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

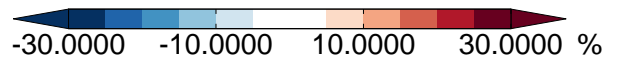
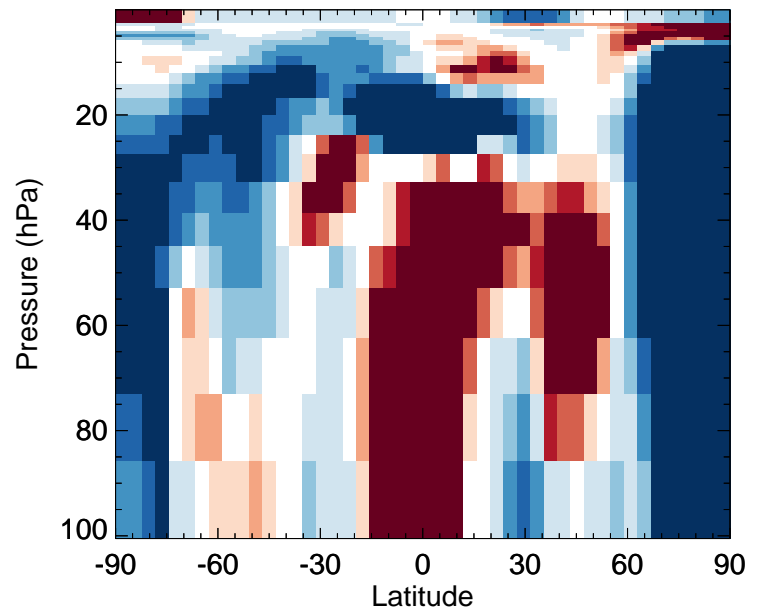
v11-02e-Run1 - v11-02e-Run0

CINO3 - Strat zonal mean abs diff for Jan



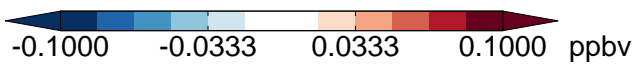
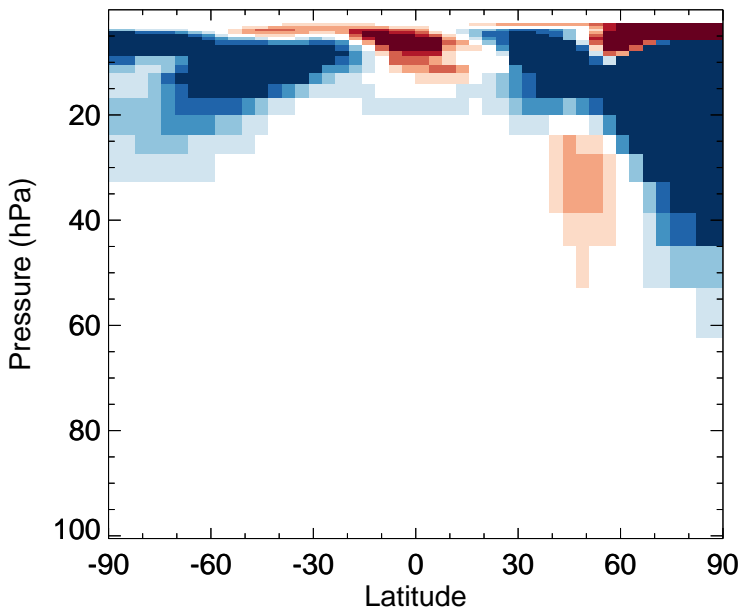
v11-02e-Run1 / v11-02e-Run0

CINO3 - Strat zonal mean % diff for Jan



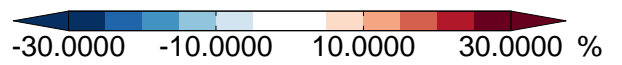
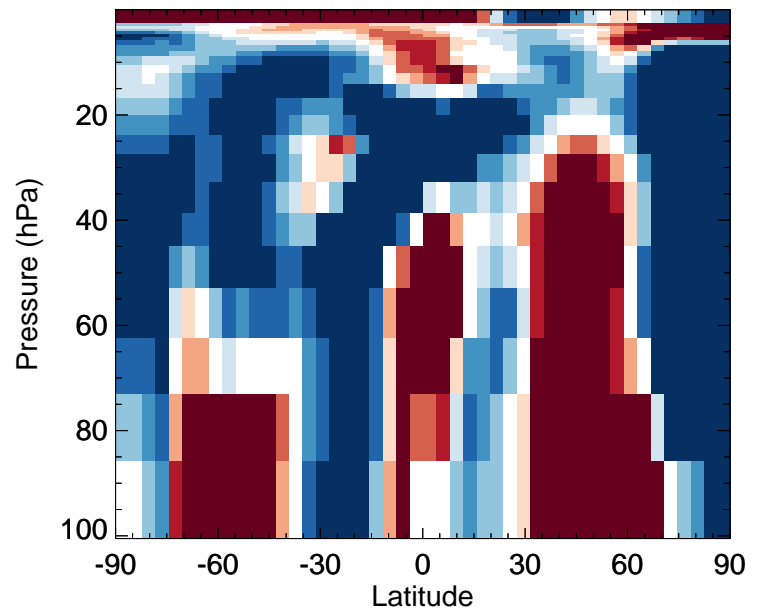
v11-02e-Run1 - v11-02d-Run1

CINO3 - Strat zonal mean abs diff for Jan



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

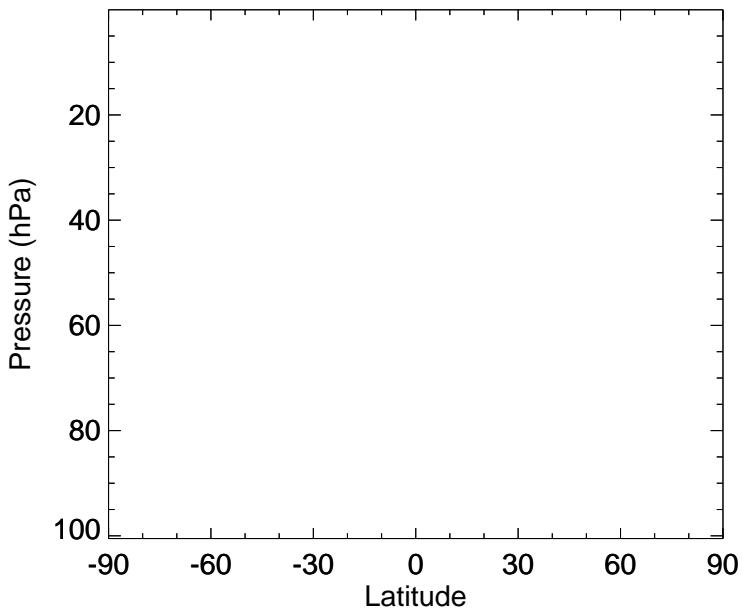
CINO3 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

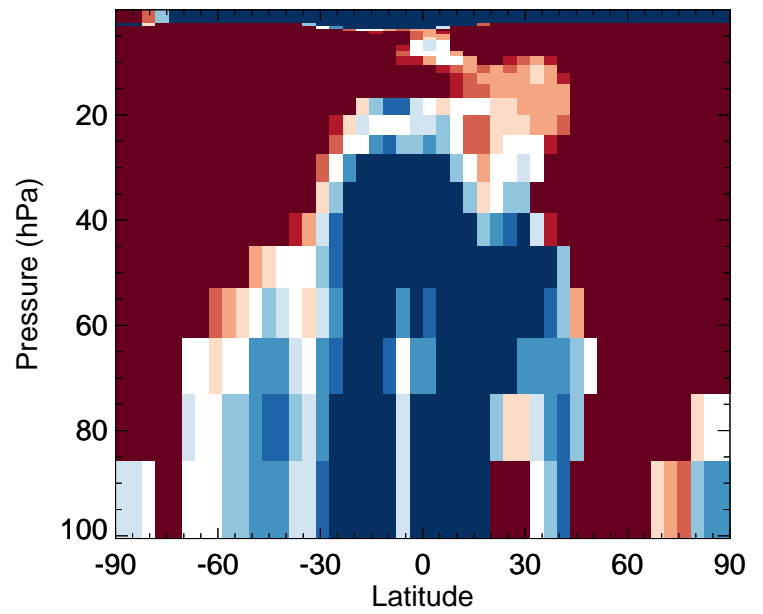
v11-02e-Run1 - v11-02e-Run0

CINO2 - Strat zonal mean abs diff for Jan



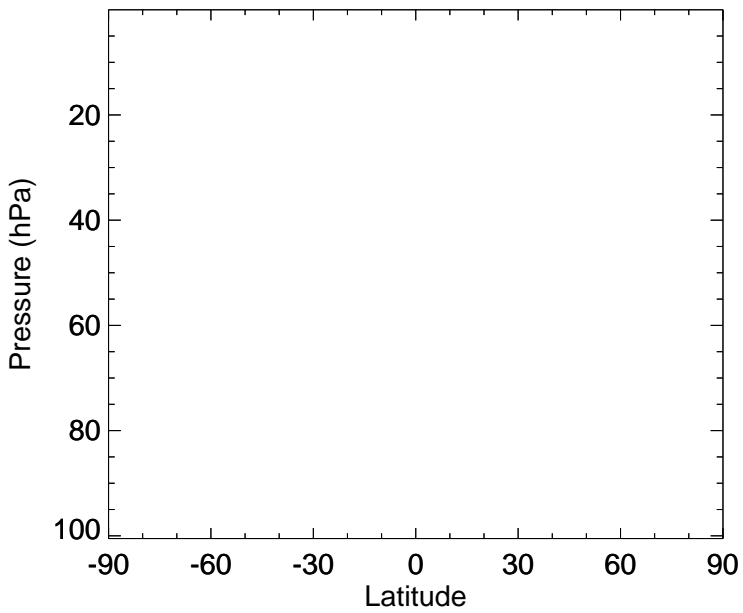
v11-02e-Run1 / v11-02e-Run0

CINO2 - Strat zonal mean % diff for Jan



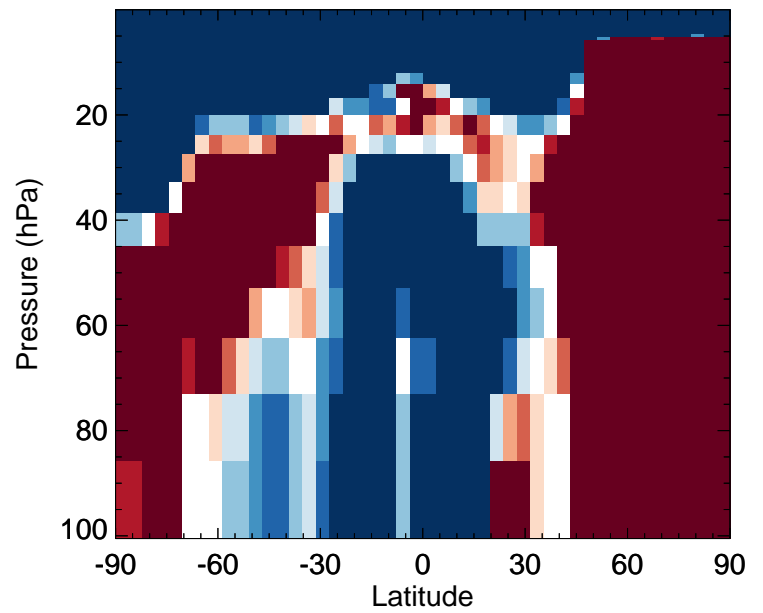
v11-02e-Run1 - v11-02d-Run1

CINO2 - Strat zonal mean abs diff for Jan



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

CINO2 - Strat zonal mean % diff for Jan





# GEOS-Chem Stratospheric Zonal Difference Maps

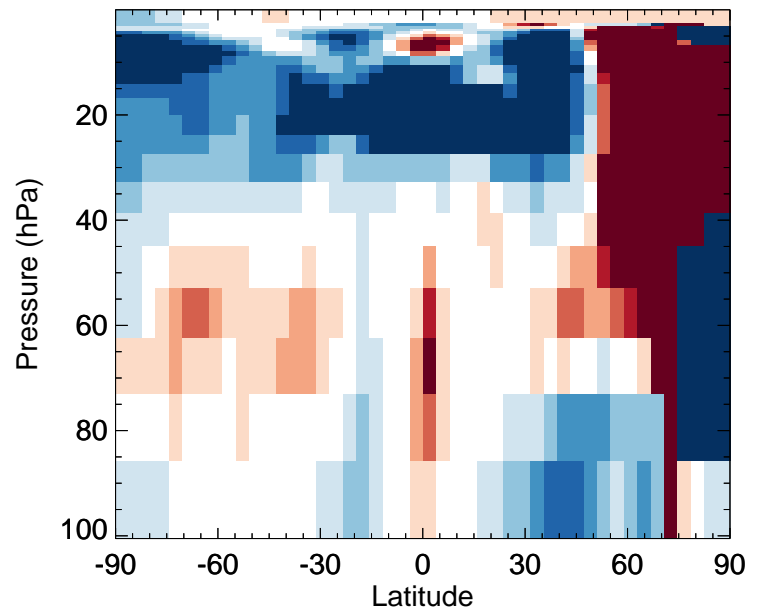
v11-02e-Run1 - v11-02e-Run0

CIOO - Strat zonal mean abs diff for Jan



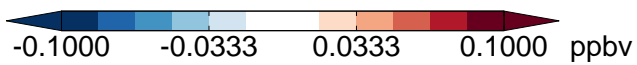
v11-02e-Run1 / v11-02e-Run0

CIOO - Strat zonal mean % diff for Jan



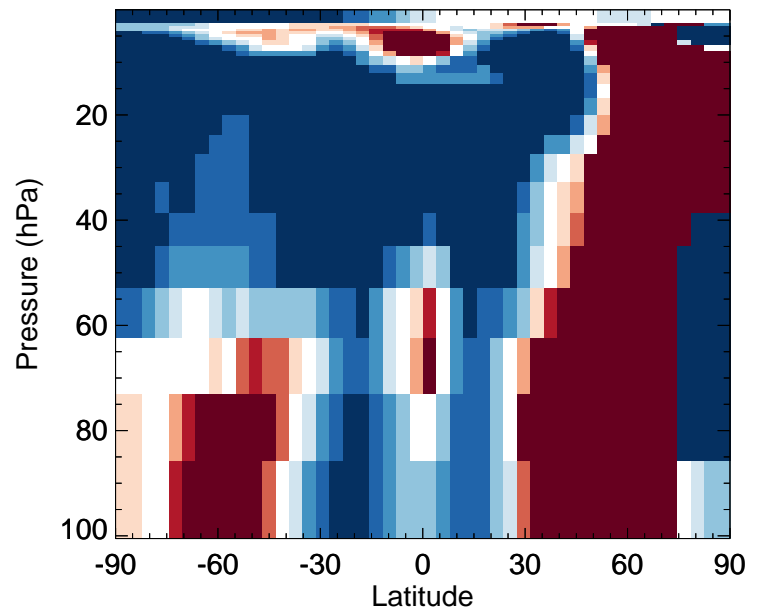
v11-02e-Run1 - v11-02d-Run1

CIOO - Strat zonal mean abs diff for Jan



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

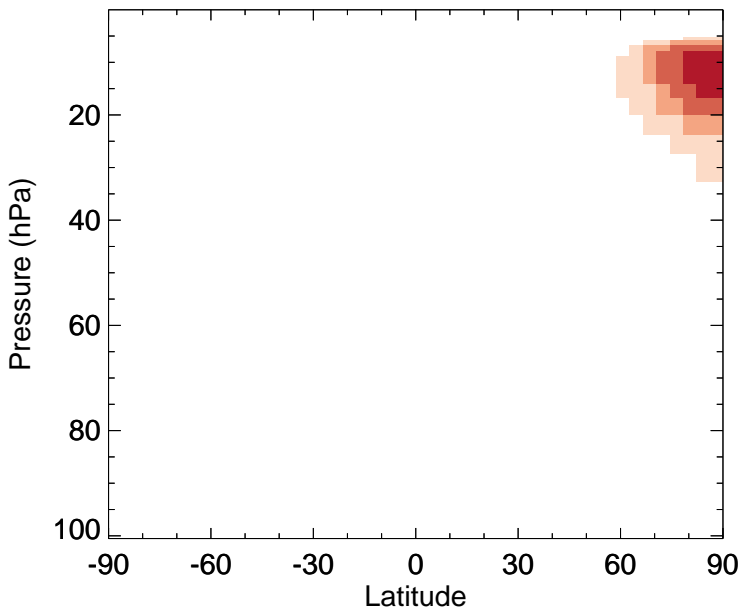
CIOO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

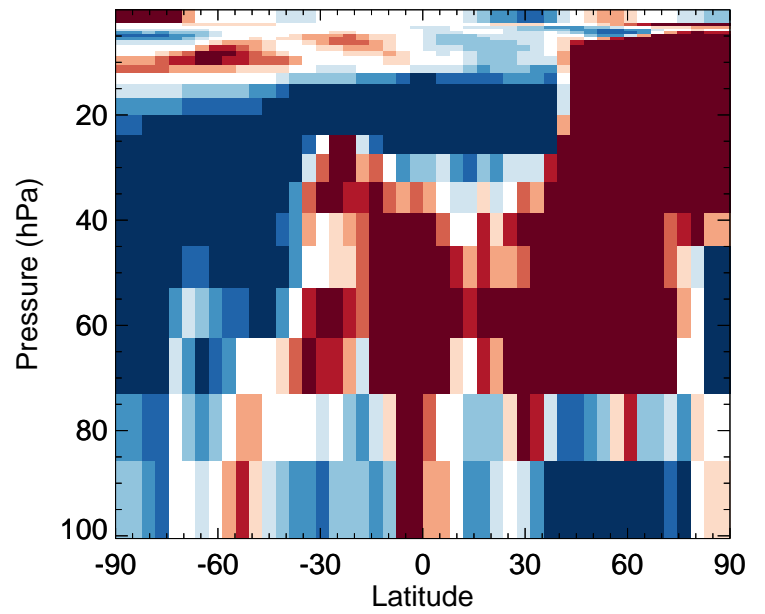
v11-02e-Run1 - v11-02e-Run0

OCIO - Strat zonal mean abs diff for Jan



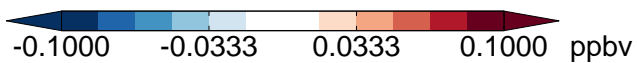
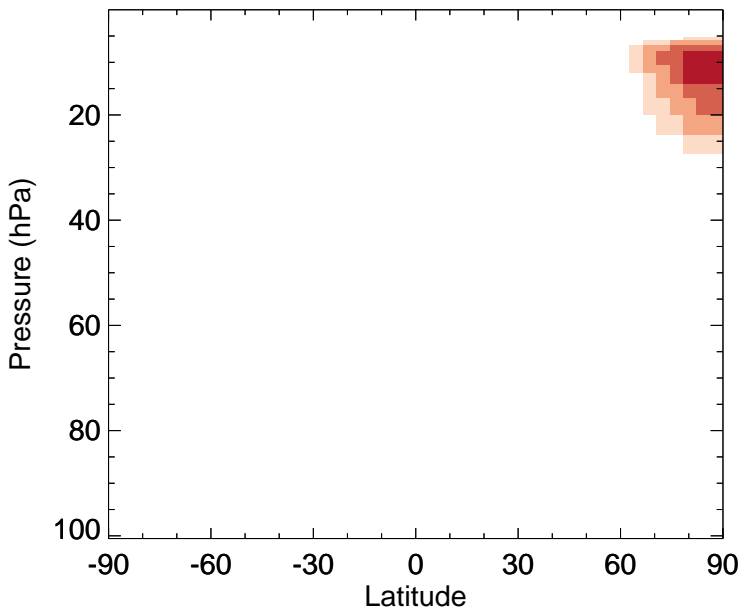
v11-02e-Run1 / v11-02e-Run0

OCIO - Strat zonal mean % diff for Jan



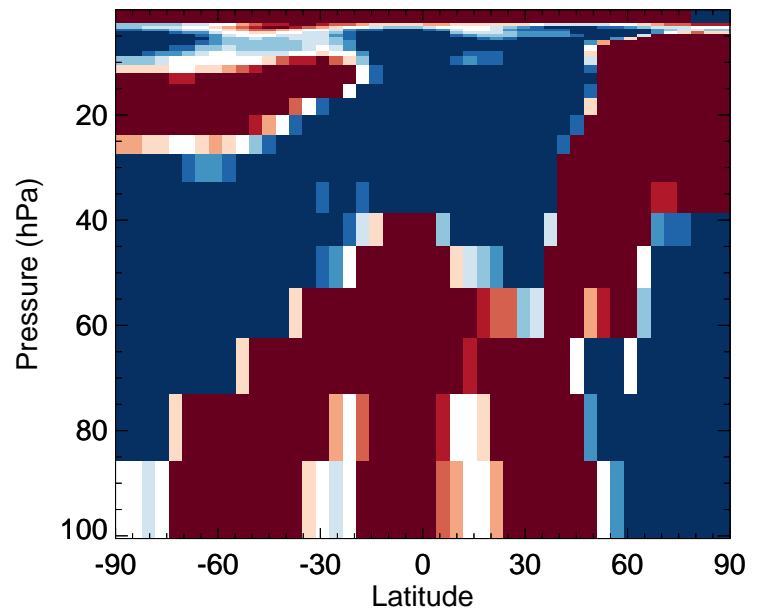
v11-02e-Run1 - v11-02d-Run1

OCIO - Strat zonal mean abs diff for Jan



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

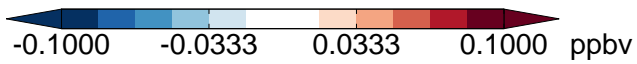
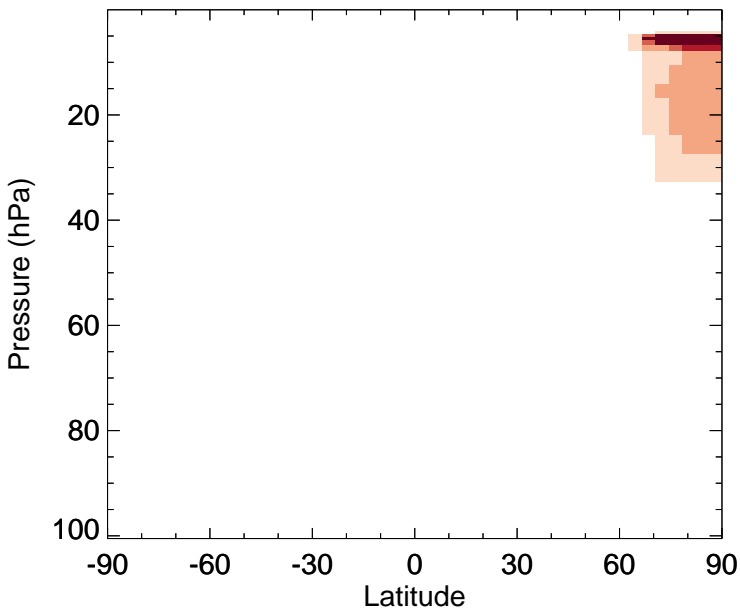
OCIO - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

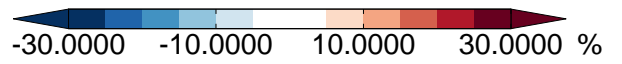
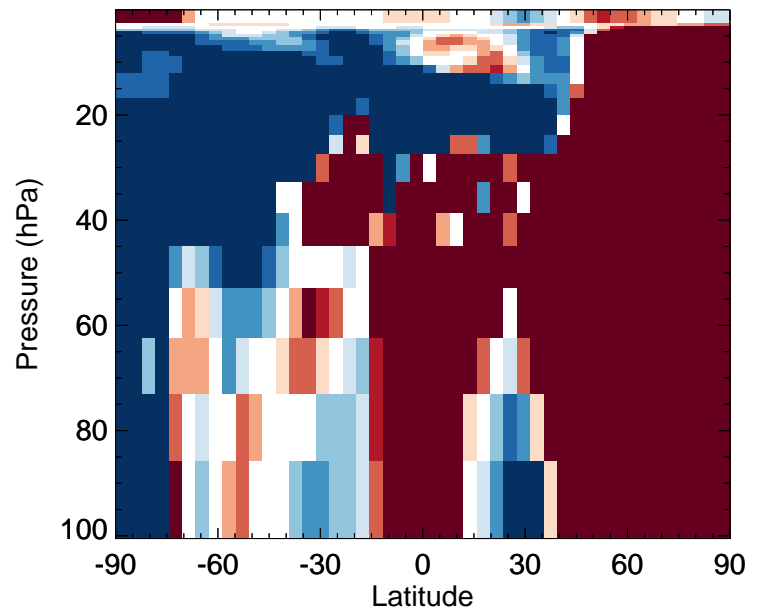
v11-02e-Run1 - v11-02e-Run0

Cl<sub>2</sub> - Strat zonal mean abs diff for Jan



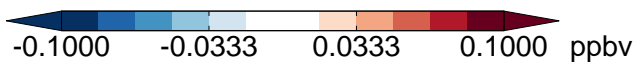
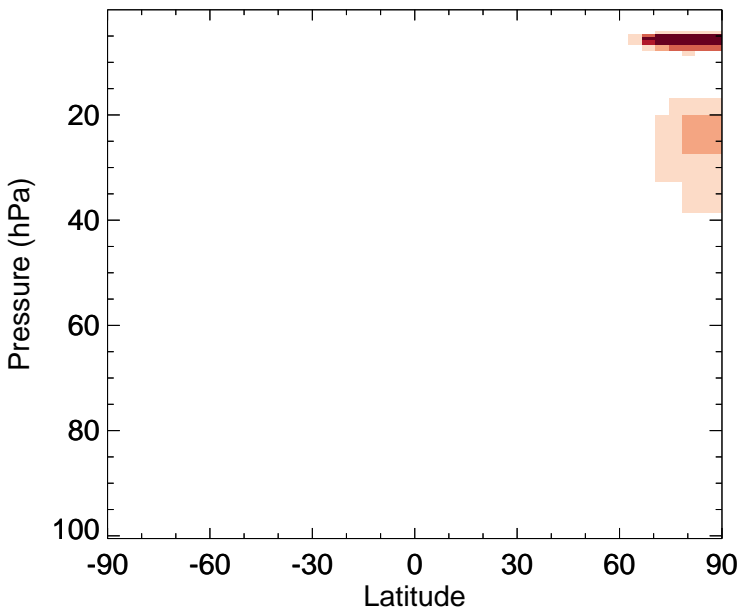
v11-02e-Run1 / v11-02e-Run0

Cl<sub>2</sub> - Strat zonal mean % diff for Jan



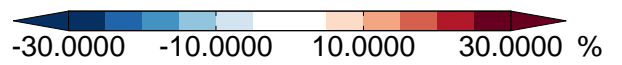
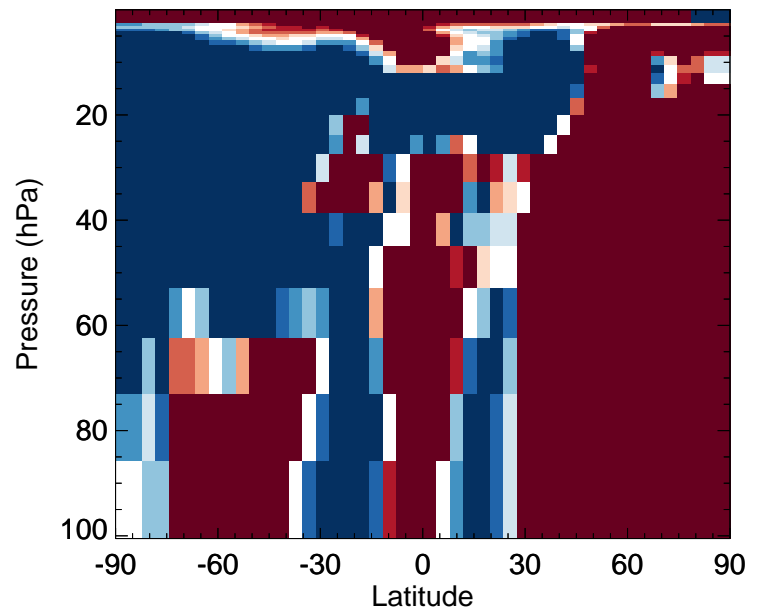
v11-02e-Run1 - v11-02d-Run1

Cl<sub>2</sub> - Strat zonal mean abs diff for Jan



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

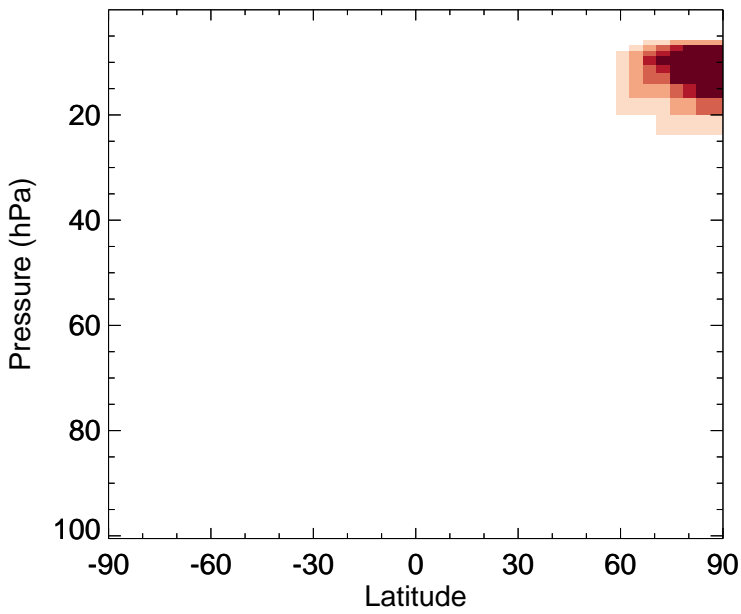
Cl<sub>2</sub> - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

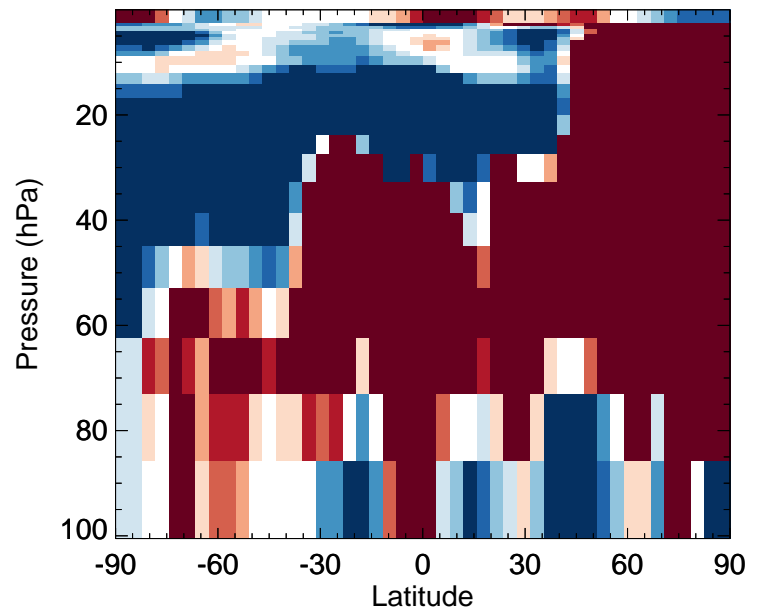
v11-02e-Run1 - v11-02e-Run0

Cl2O2 - Strat zonal mean abs diff for Jan



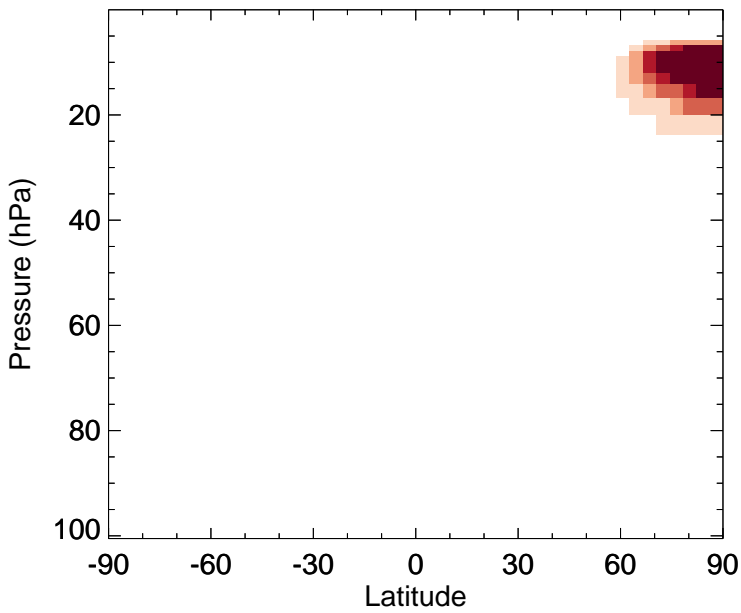
v11-02e-Run1 / v11-02e-Run0

Cl2O2 - Strat zonal mean % diff for Jan



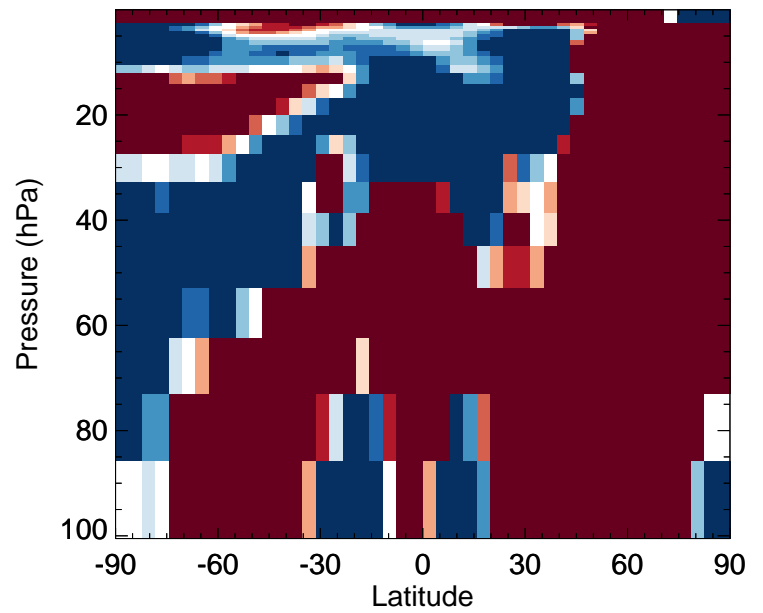
v11-02e-Run1 - v11-02d-Run1

Cl2O2 - Strat zonal mean abs diff for Jan



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

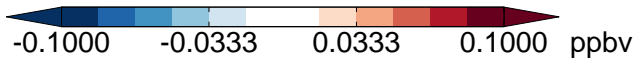
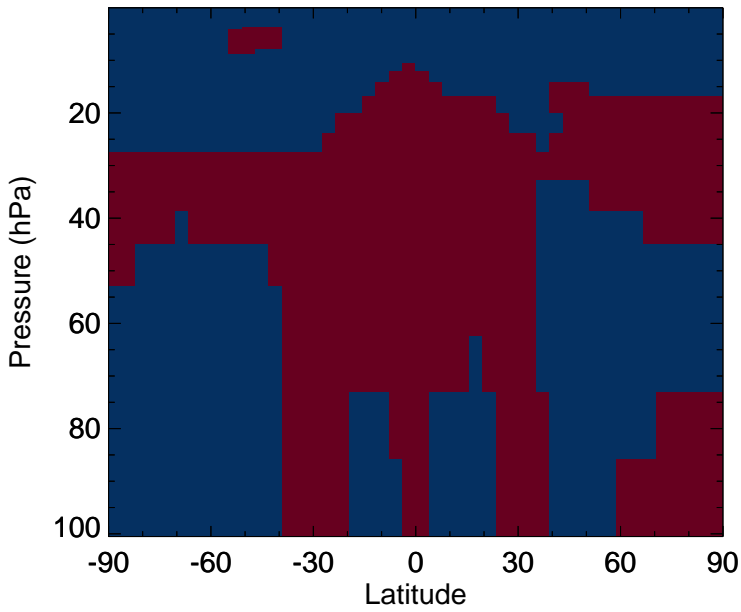
Cl2O2 - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

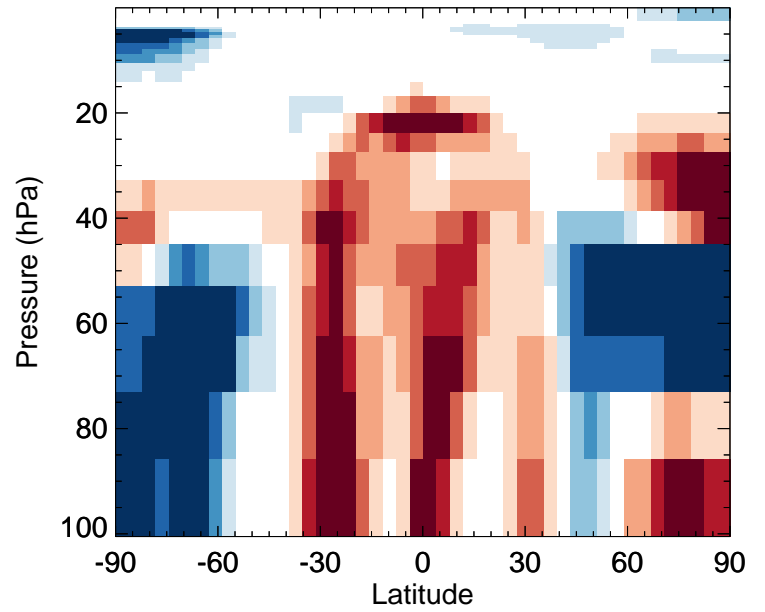
v11-02e-Run1 - v11-02e-Run0

H<sub>2</sub>O - Strat zonal mean abs diff for Jan



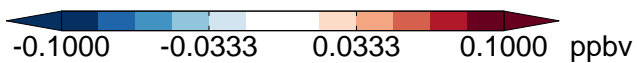
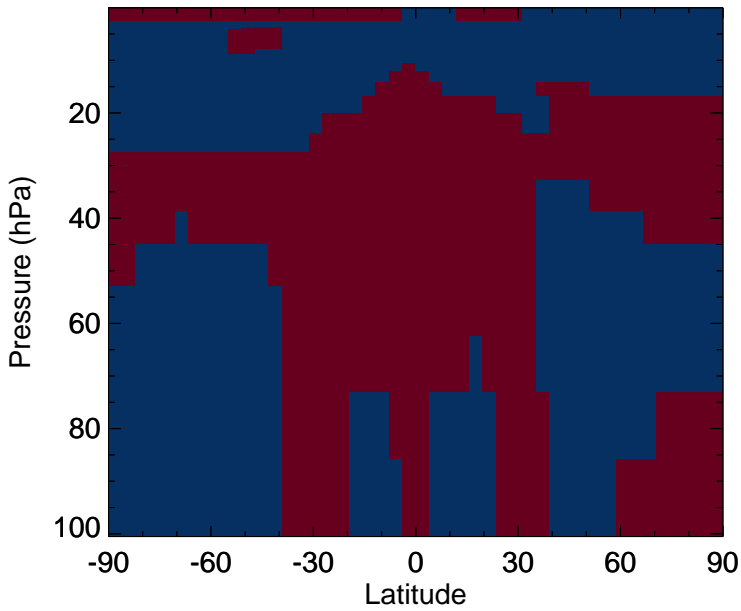
v11-02e-Run1 / v11-02e-Run0

H<sub>2</sub>O - Strat zonal mean % diff for Jan



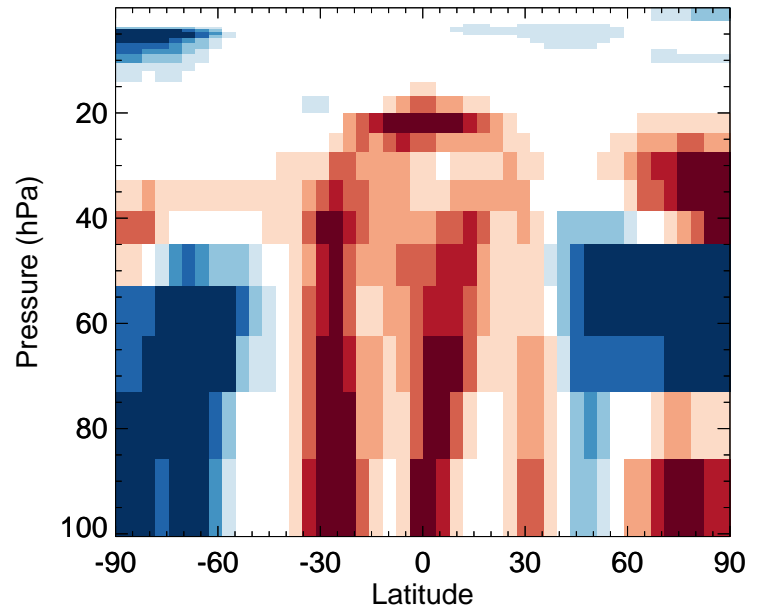
v11-02e-Run1 - v11-02d-Run1

H<sub>2</sub>O - Strat zonal mean abs diff for Jan



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

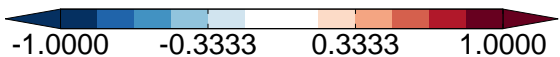
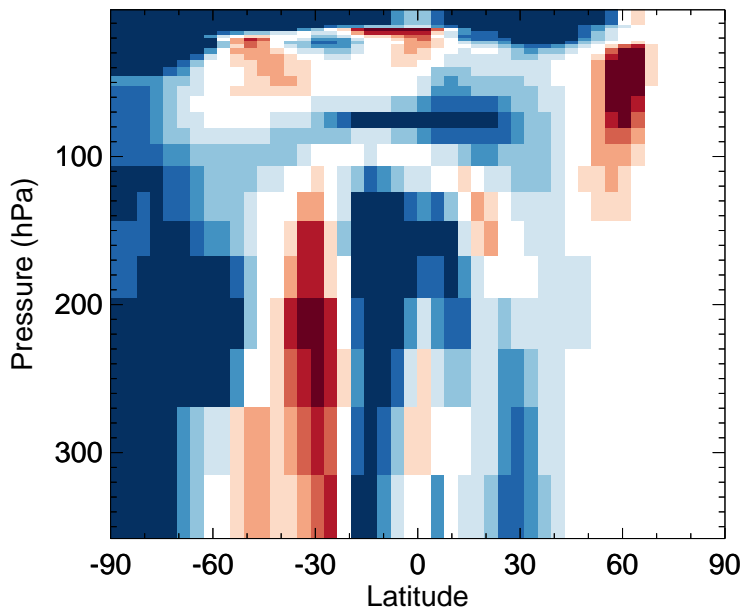
H<sub>2</sub>O - Strat zonal mean % diff for Jan



# GEOS-Chem Stratospheric Zonal Difference Maps

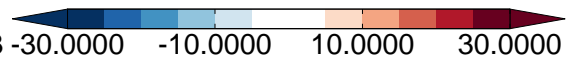
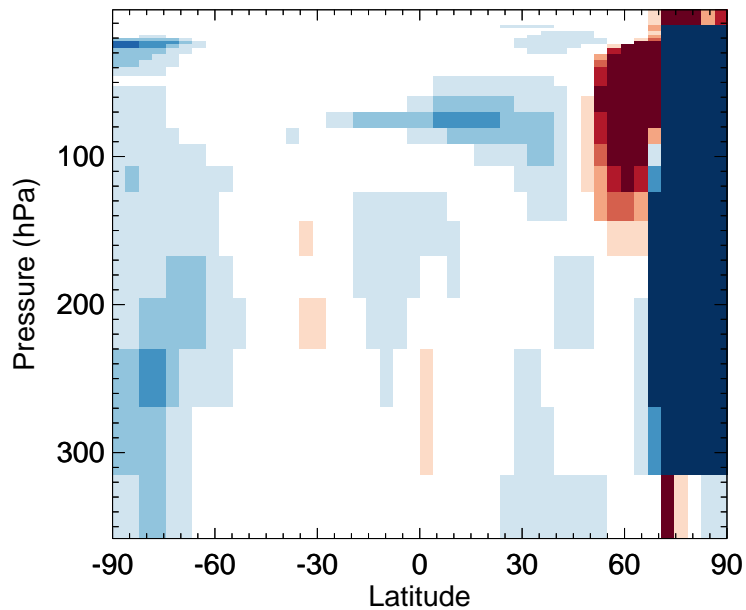
v11-02e-Run1 - v11-02e-Run0

OH - Strat zonal mean abs diff for Jan



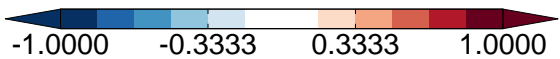
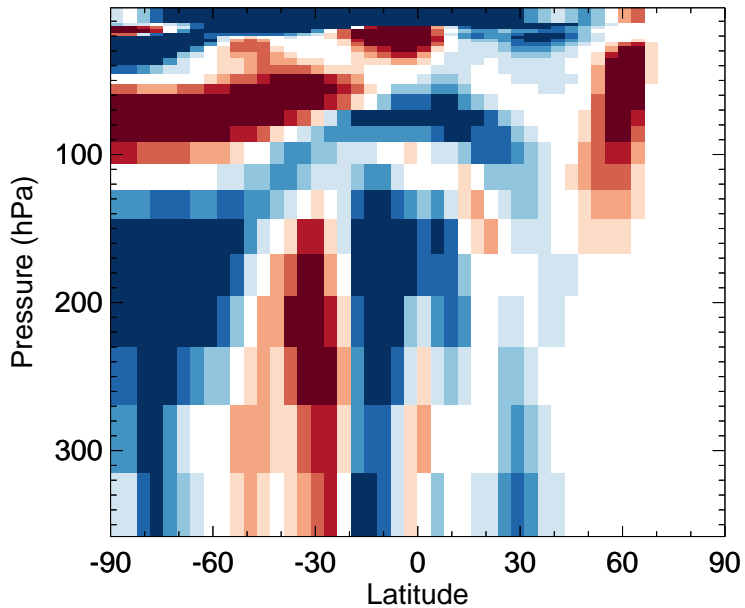
v11-02e-Run1 / v11-02e-Run0

OH - Strat zonal mean % diff for Jan



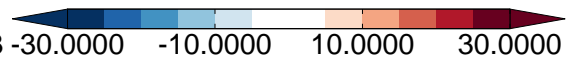
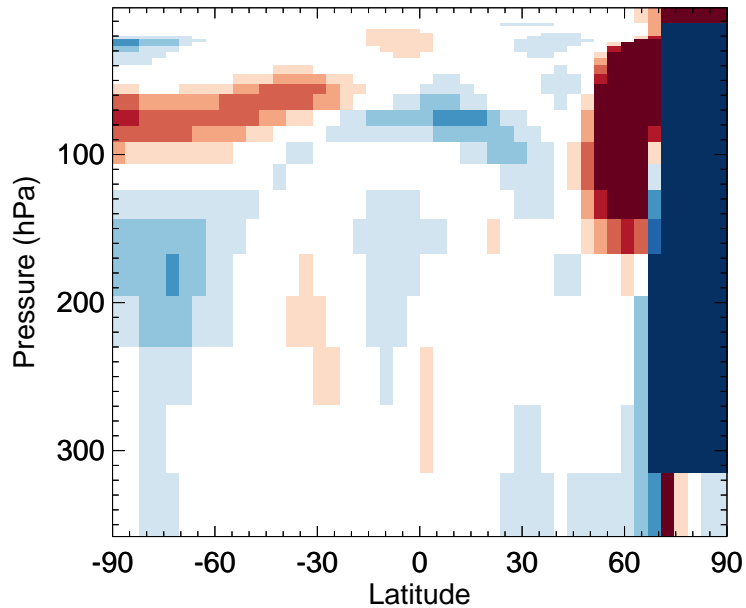
v11-02e-Run1 - v11-02d-Run1

OH - Strat zonal mean abs diff for Jan



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

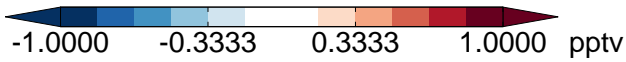
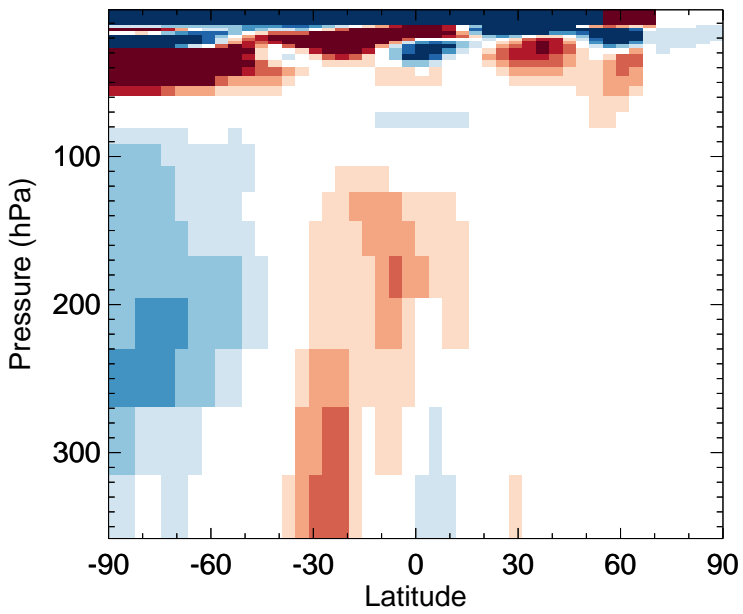
OH - Strat zonal mean % diff for Jan



GEOS-Chem Stratospheric Zonal Difference Maps

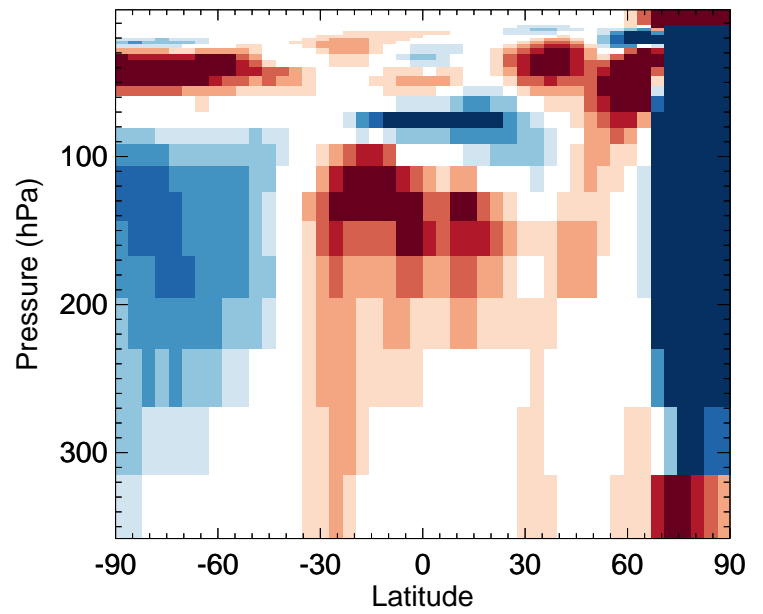
v11-02e-Run1 - v11-02e-Run0

HO2 - Strat zonal mean abs diff for Jan



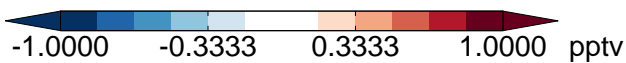
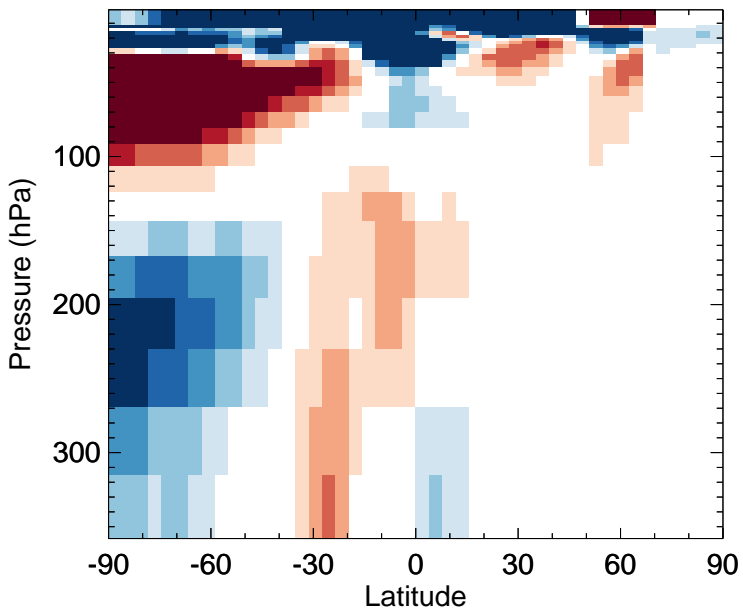
v11-02e-Run1 / v11-02e-Run0

HO2 - Strat zonal mean % diff for Jan



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

HO2 - Strat zonal mean abs diff for Jan



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

HO2 - Strat zonal mean % diff for Jan

