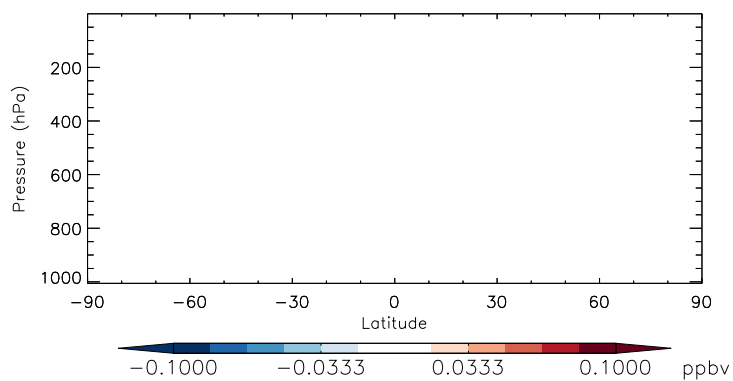


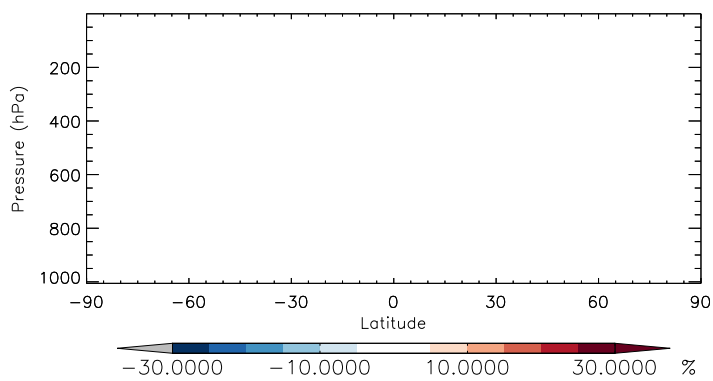
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

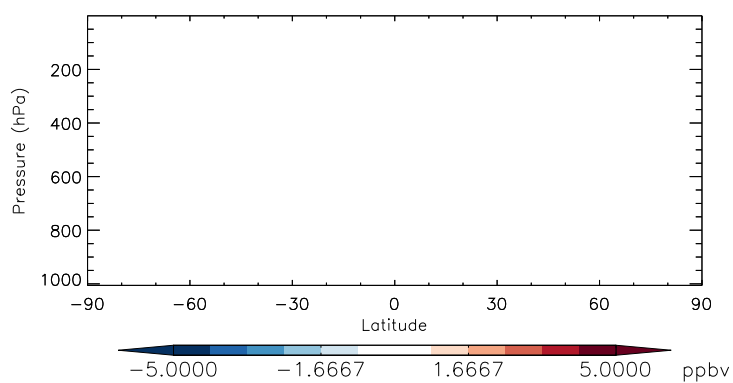
Zonal mean abs diff: NO



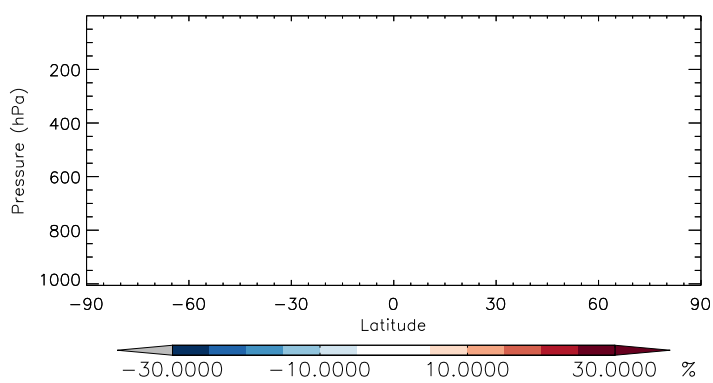
Zonal mean % diff: NO



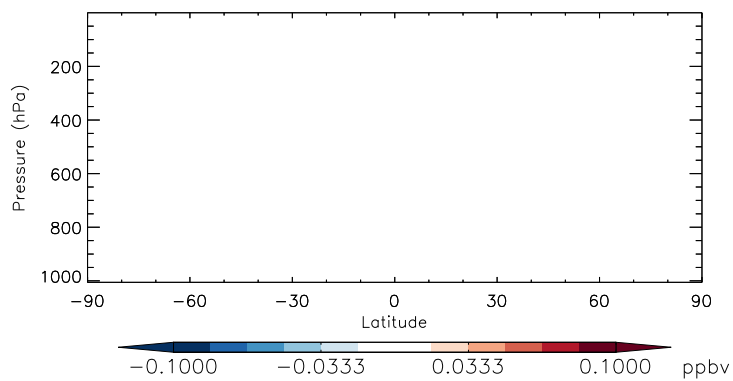
Zonal mean abs diff: O3



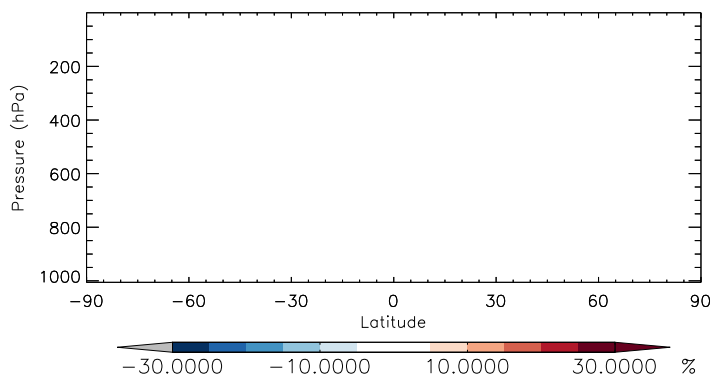
Zonal mean % diff: O3



Zonal mean abs diff: PAN



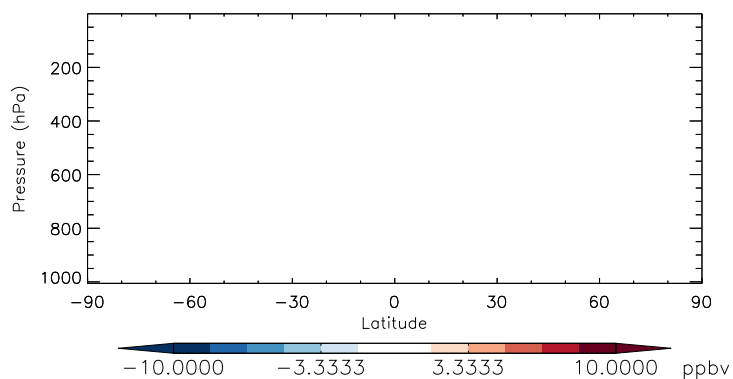
Zonal mean % diff: PAN



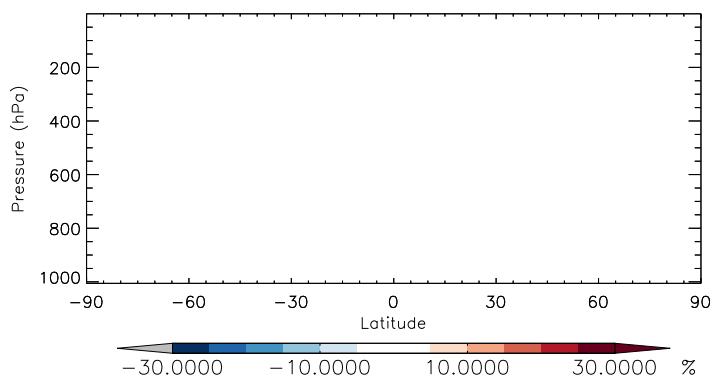
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

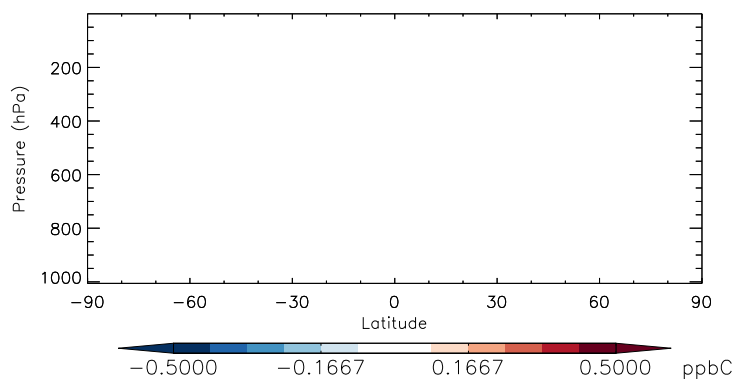
Zonal mean abs diff: CO



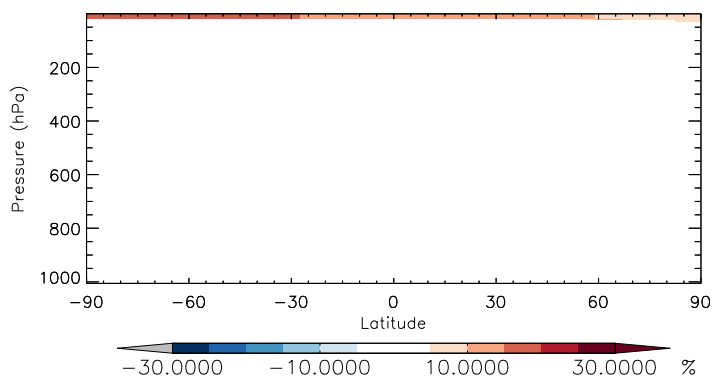
Zonal mean % diff: CO



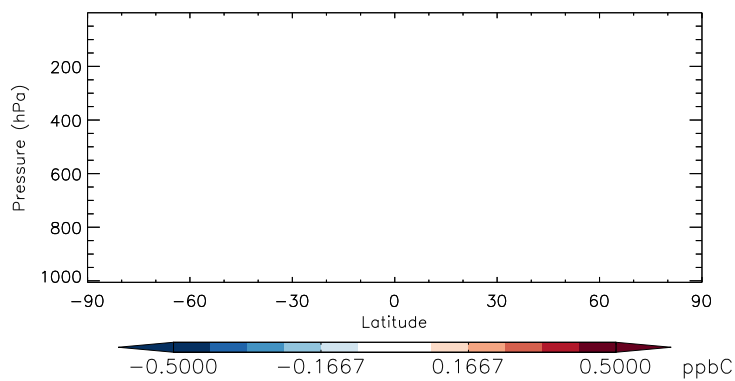
Zonal mean abs diff: ALK4



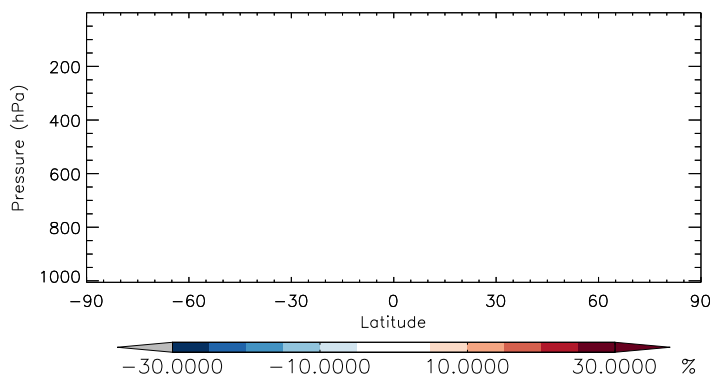
Zonal mean % diff: ALK4



Zonal mean abs diff: ISOP



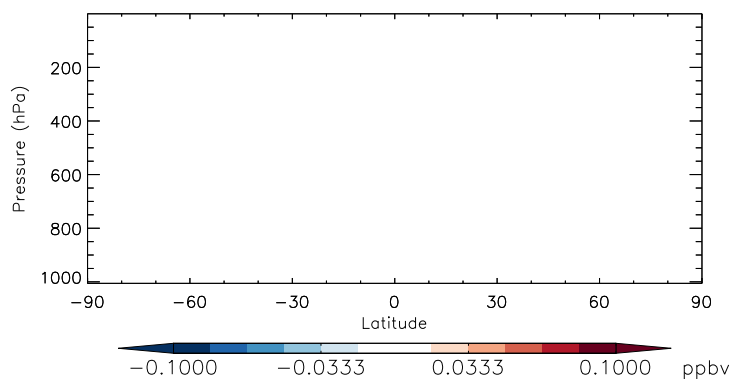
Zonal mean % diff: ISOP



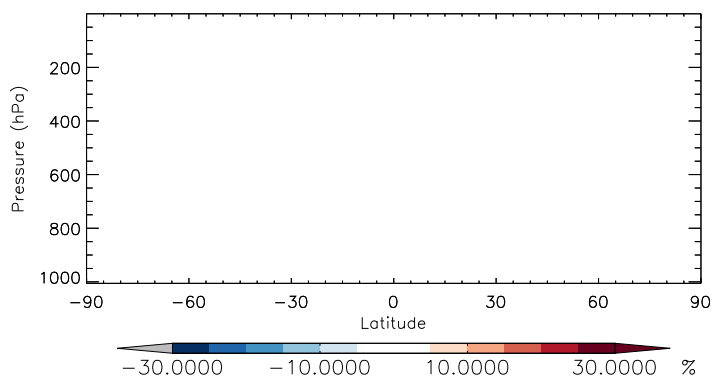
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

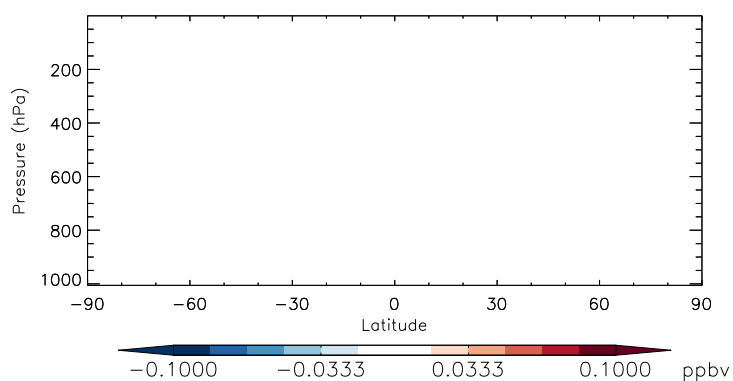
Zonal mean abs diff: HNO₃



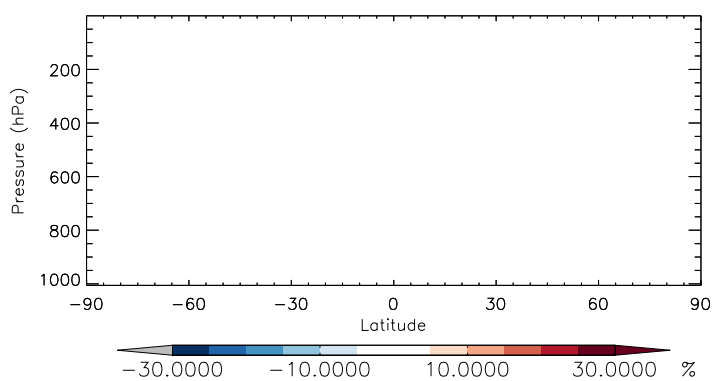
Zonal mean % diff: HNO₃



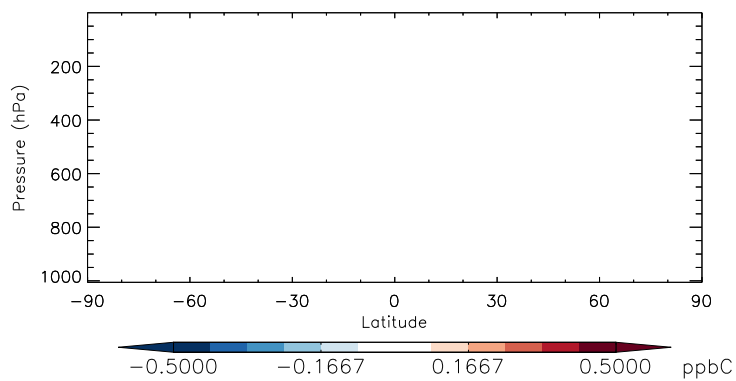
Zonal mean abs diff: H₂O₂



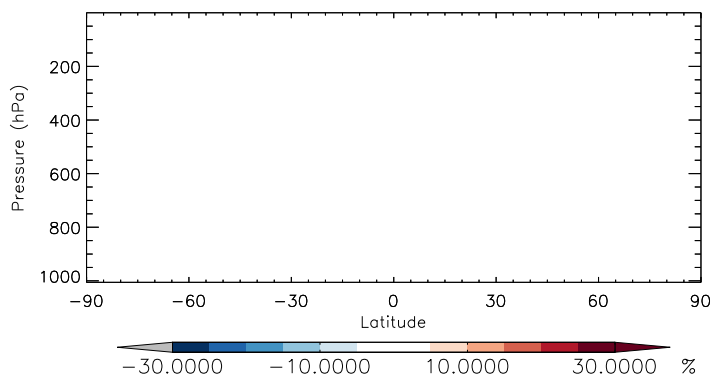
Zonal mean % diff: H₂O₂



Zonal mean abs diff: ACET



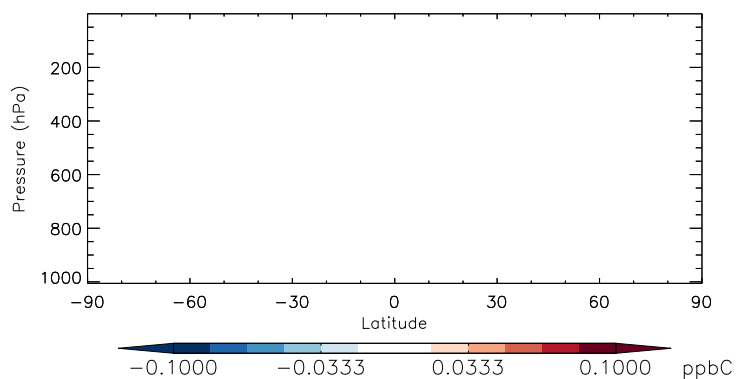
Zonal mean % diff: ACET



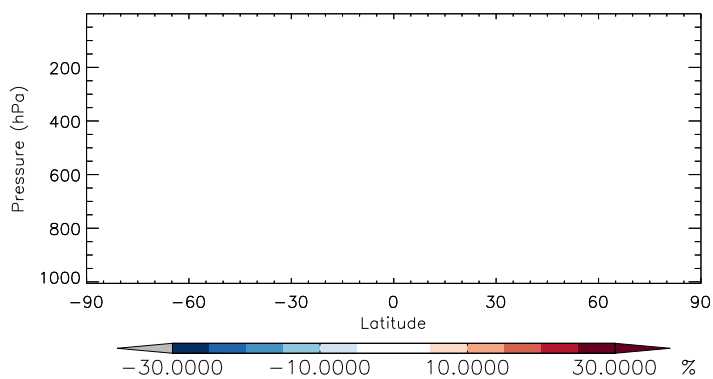
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

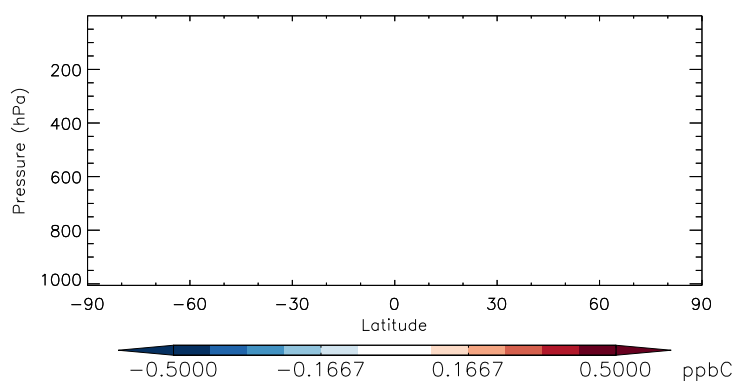
Zonal mean abs diff: MEK



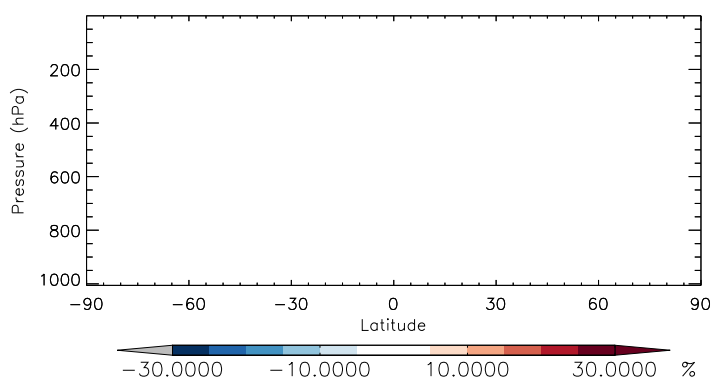
Zonal mean % diff: MEK



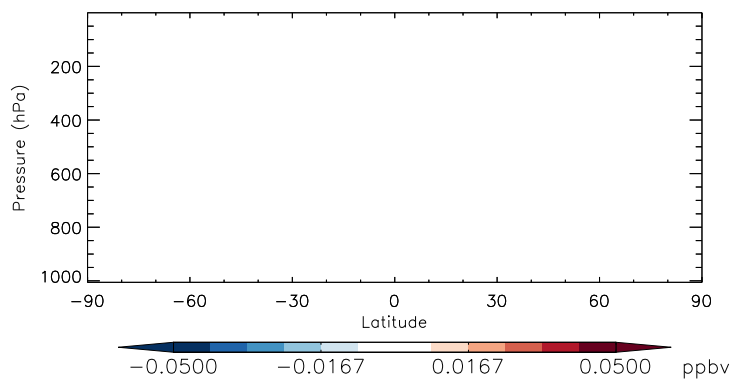
Zonal mean abs diff: ALD2



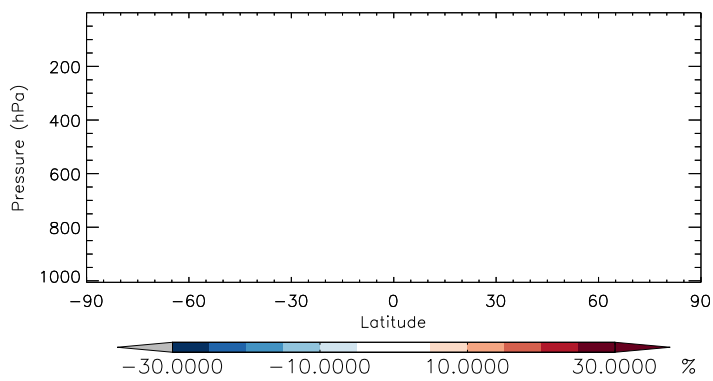
Zonal mean % diff: ALD2



Zonal mean abs diff: RCHO



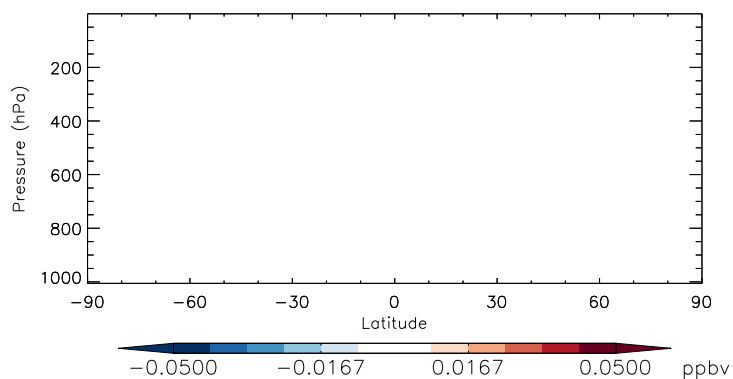
Zonal mean % diff: RCHO



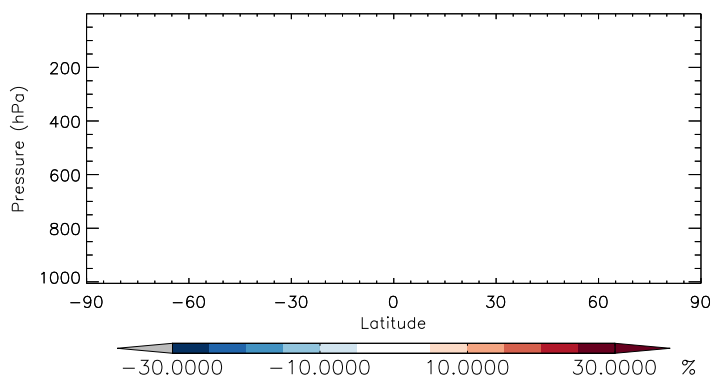
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

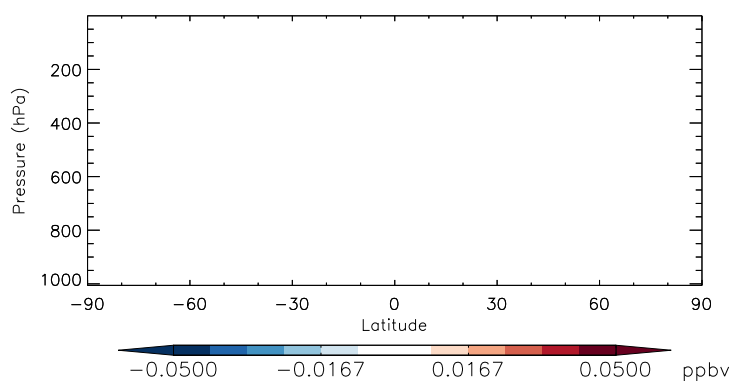
Zonal mean abs diff: MVK



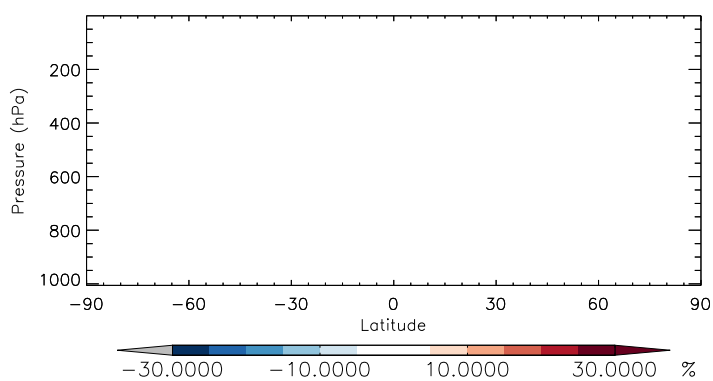
Zonal mean % diff: MVK



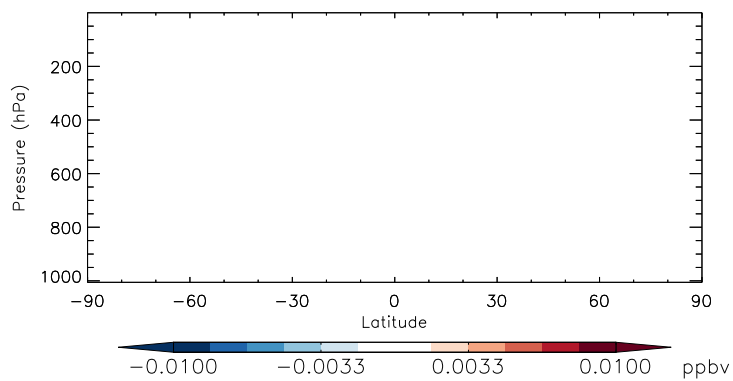
Zonal mean abs diff: MACR



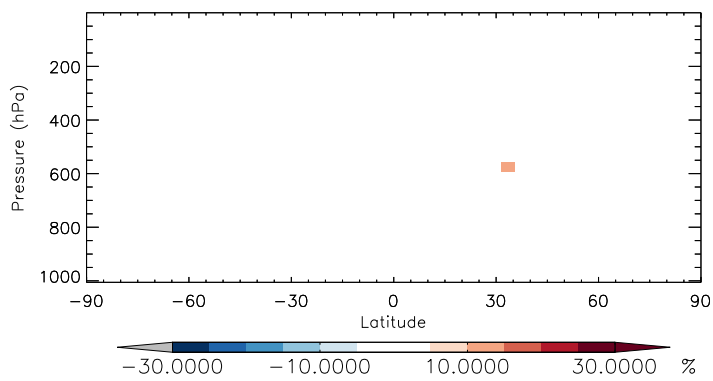
Zonal mean % diff: MACR



Zonal mean abs diff: PMN



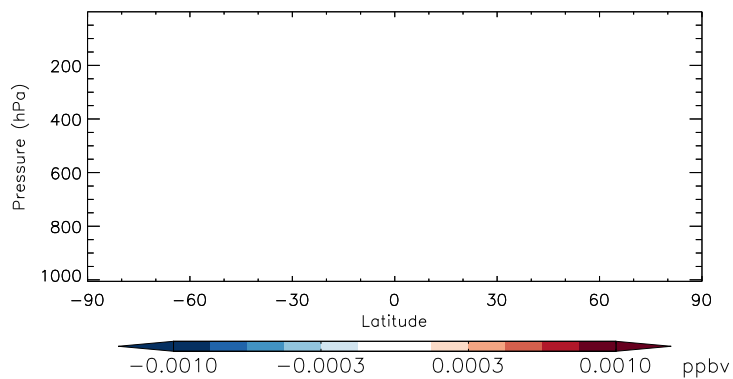
Zonal mean % diff: PMN



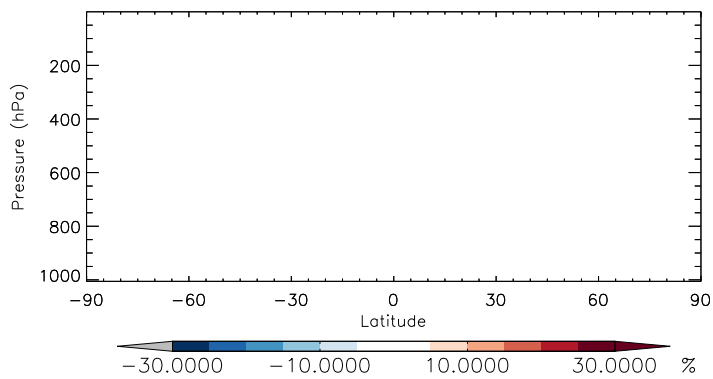
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

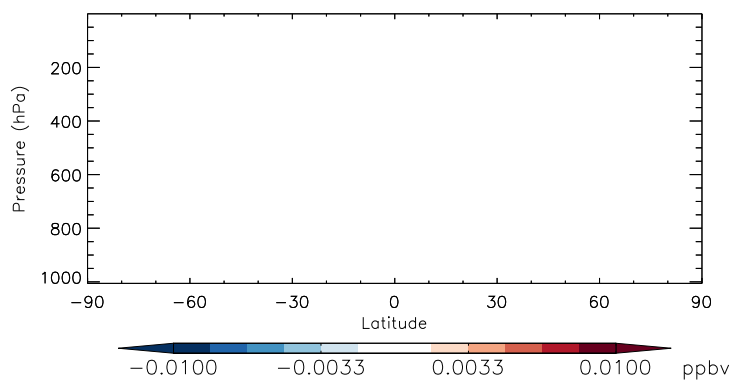
Zonal mean abs diff: PPN



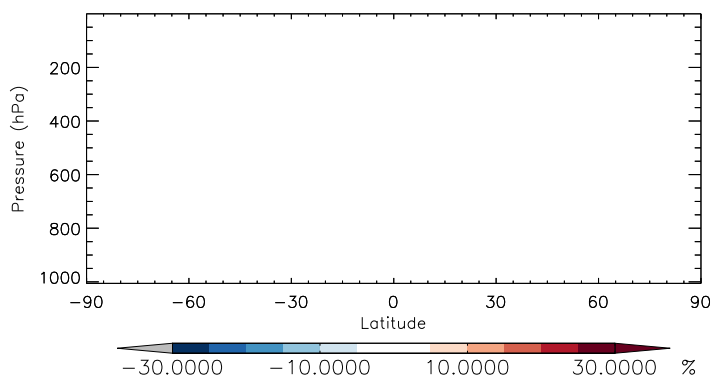
Zonal mean % diff: PPN



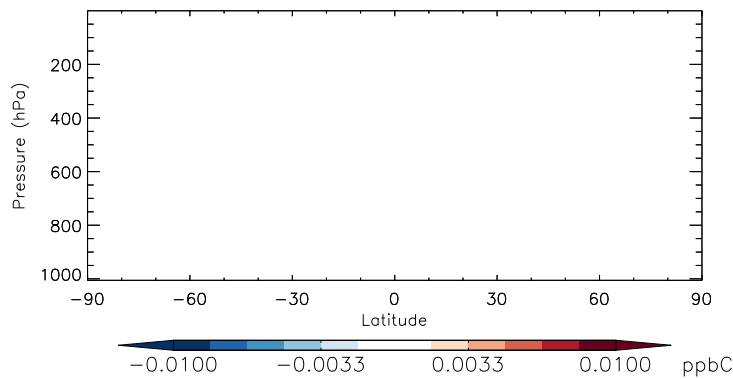
Zonal mean abs diff: R4N2



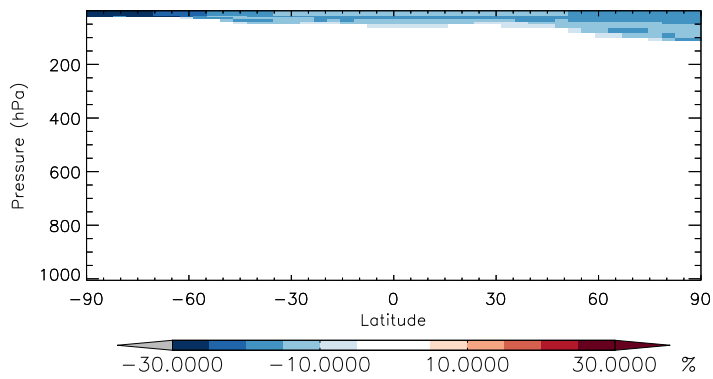
Zonal mean % diff: R4N2



Zonal mean abs diff: PRPE



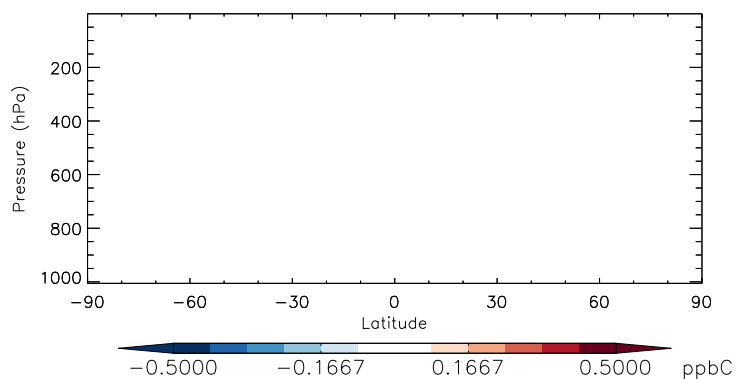
Zonal mean % diff: PRPE



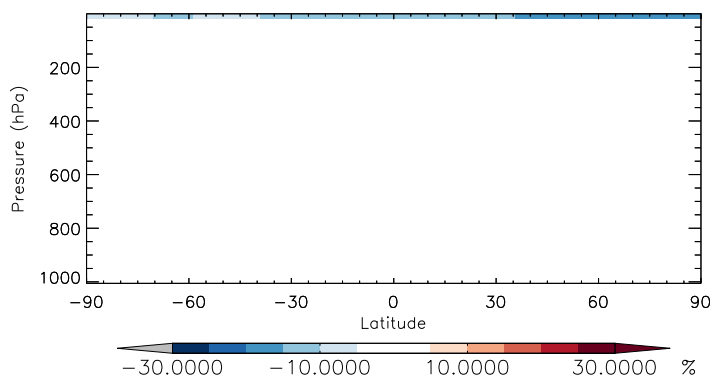
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

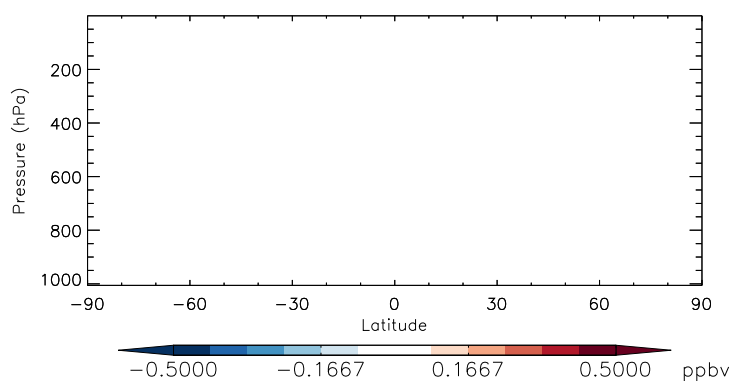
Zonal mean abs diff: C3H8



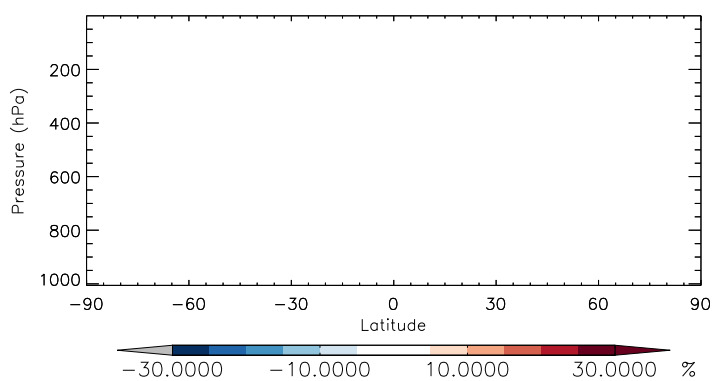
Zonal mean % diff: C3H8



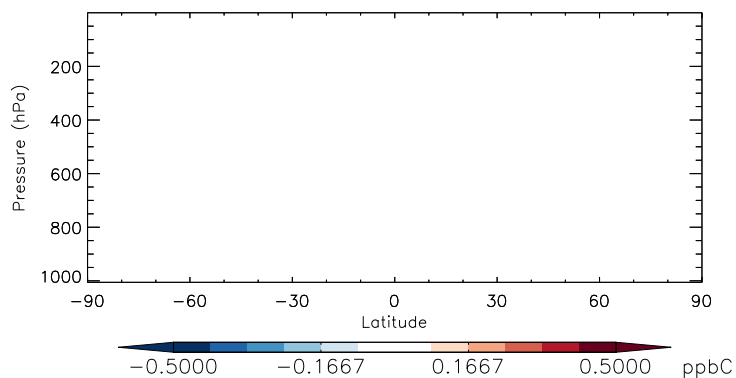
Zonal mean abs diff: CH2O



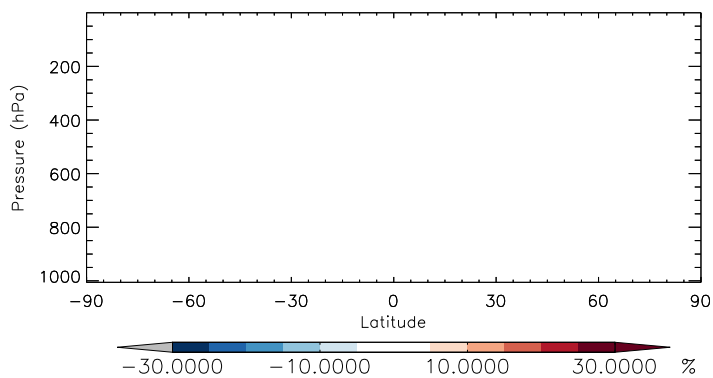
Zonal mean % diff: CH2O



Zonal mean abs diff: C2H6



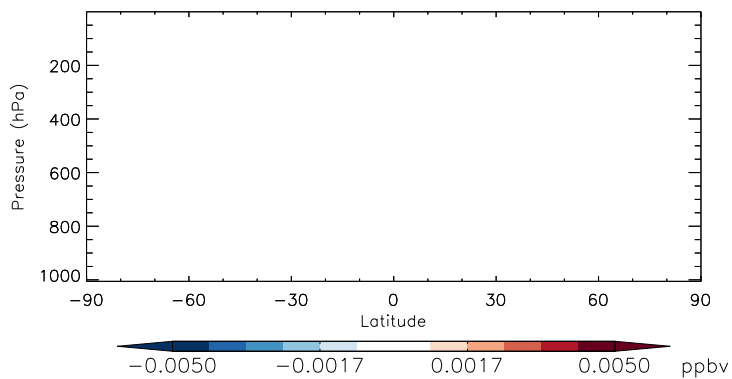
Zonal mean % diff: C2H6



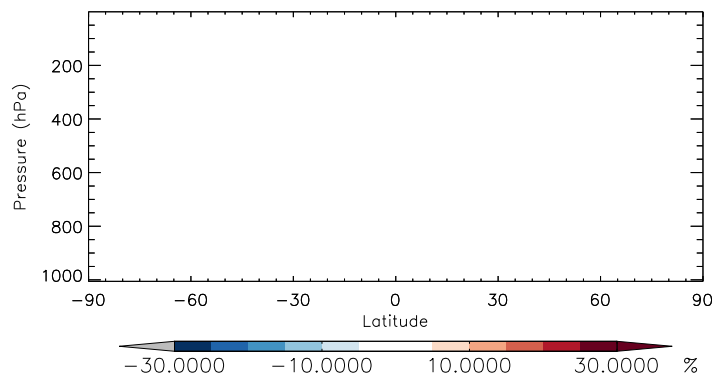
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

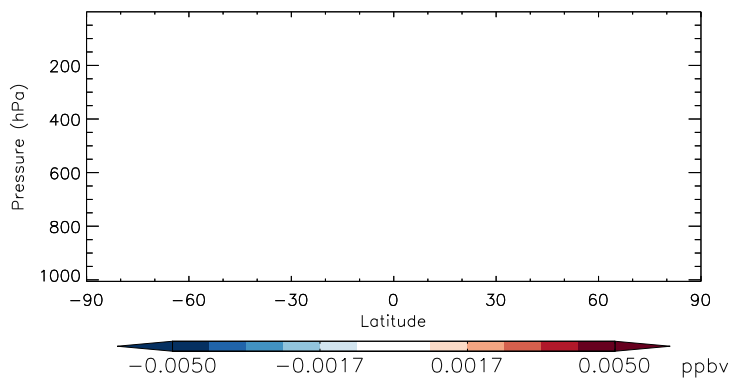
Zonal mean abs diff: N2O5



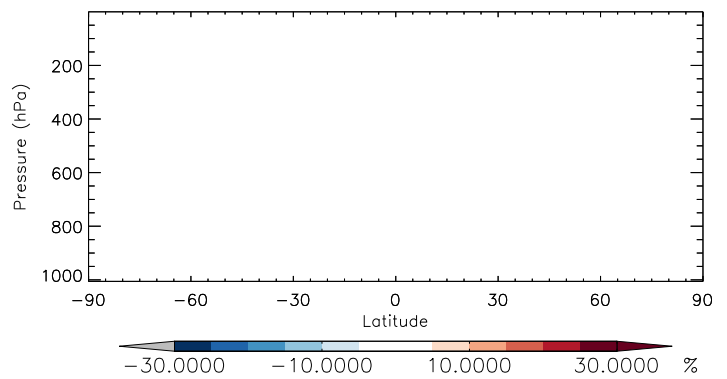
Zonal mean % diff: N2O5



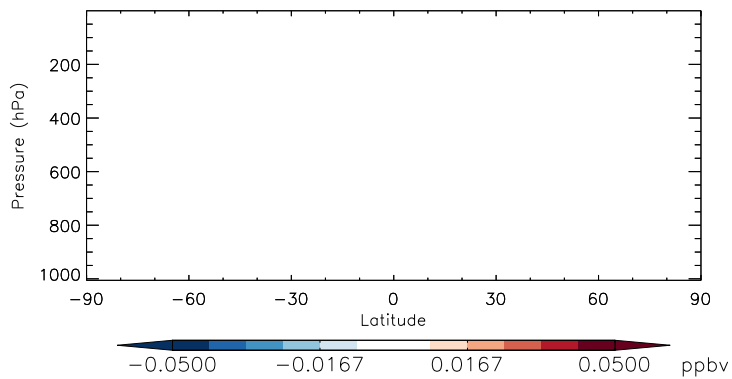
Zonal mean abs diff: HNO4



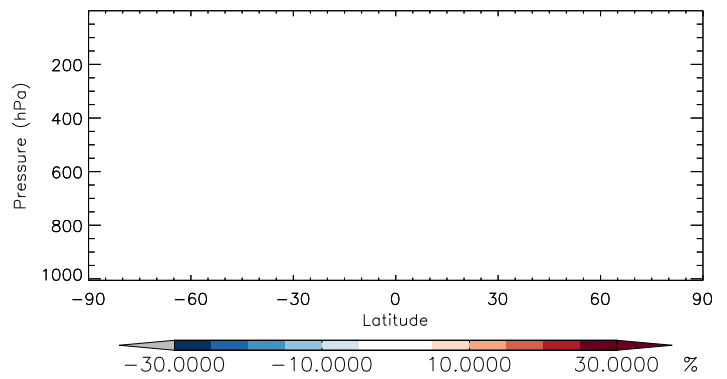
Zonal mean % diff: HNO4



Zonal mean abs diff: MP



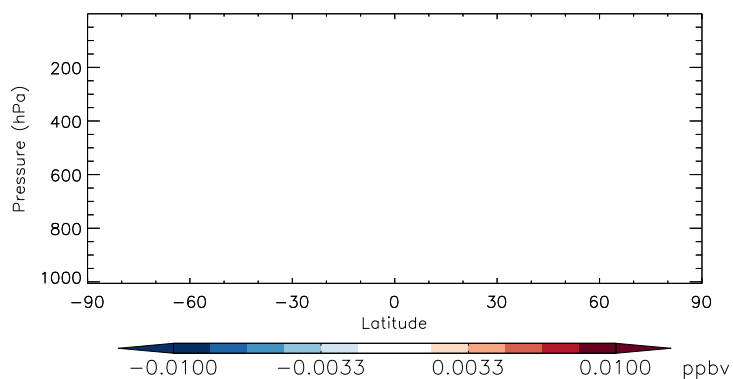
Zonal mean % diff: MP



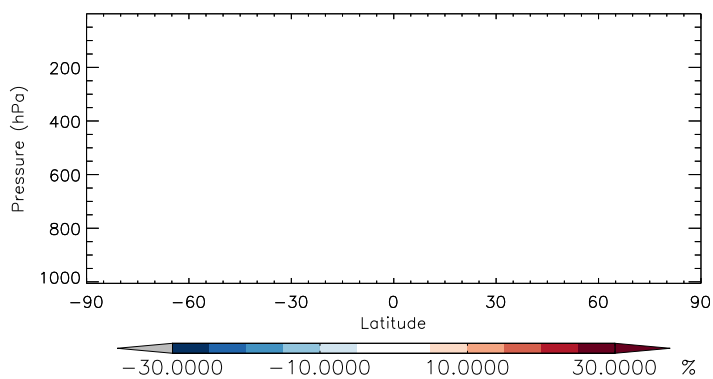
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

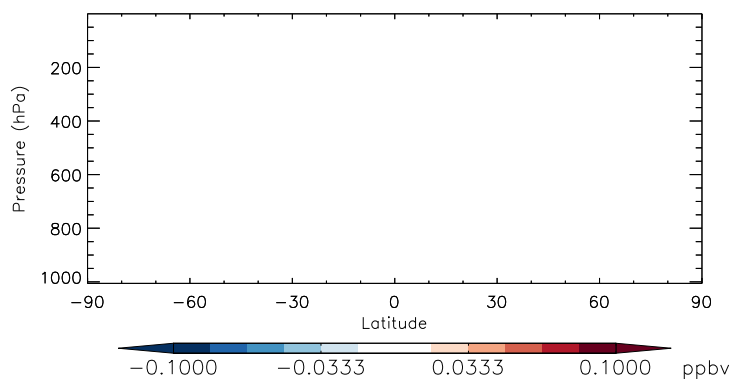
Zonal mean abs diff: DMS



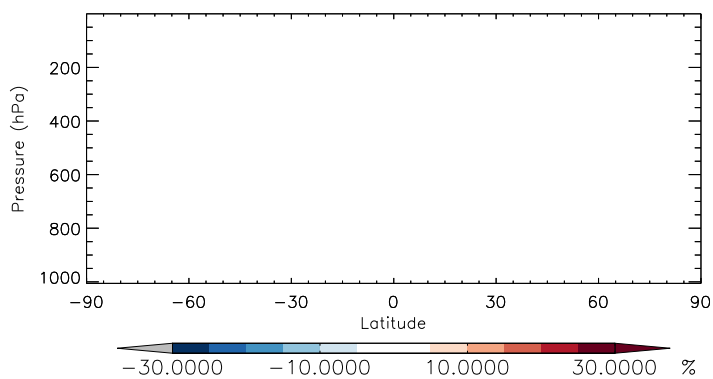
Zonal mean % diff: DMS



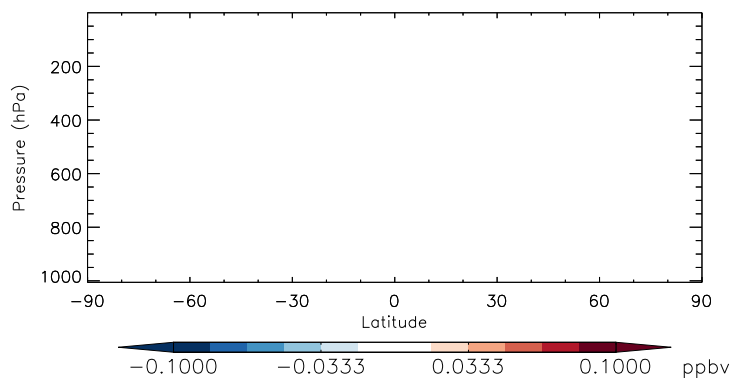
Zonal mean abs diff: SO2



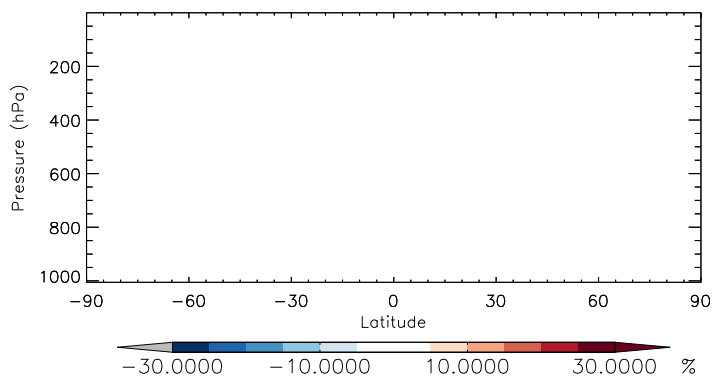
Zonal mean % diff: SO2



Zonal mean abs diff: SO4



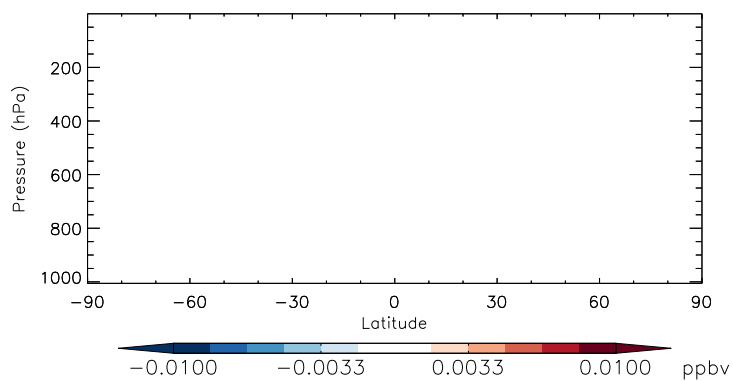
Zonal mean % diff: SO4



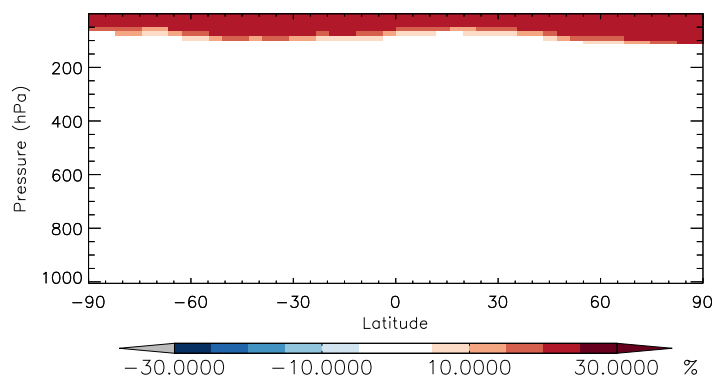
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

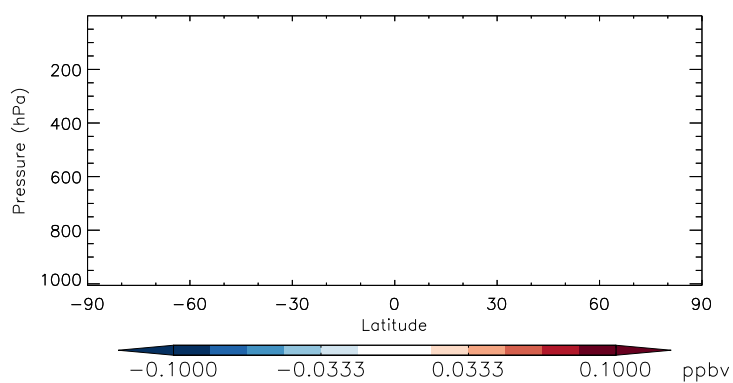
Zonal mean abs diff: SO₄s



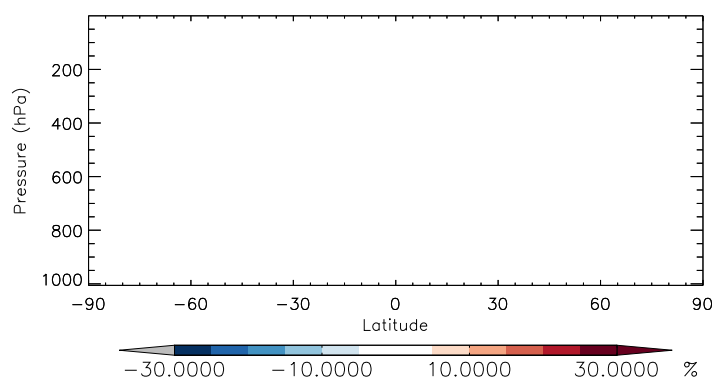
Zonal mean % diff: SO₄s



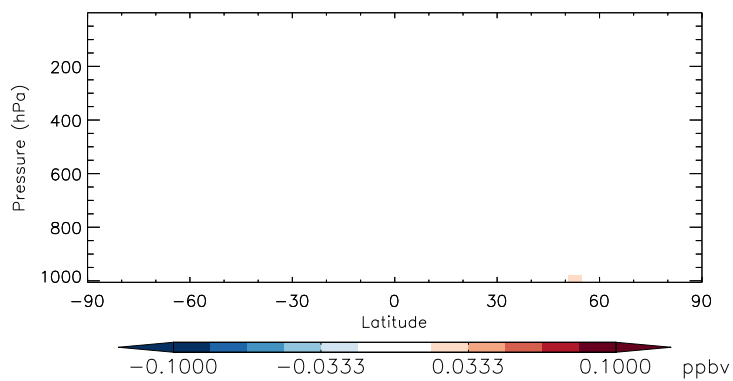
Zonal mean abs diff: MSA



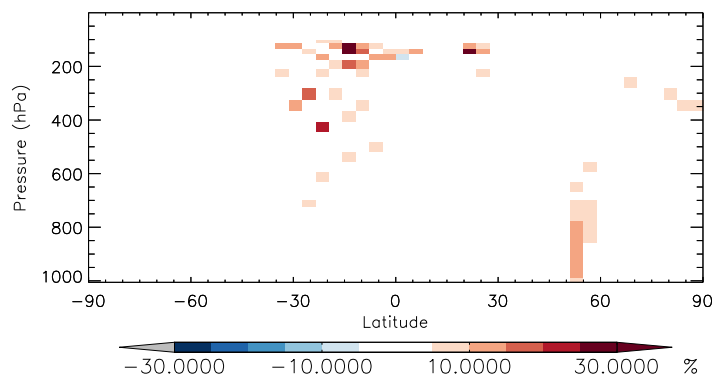
Zonal mean % diff: MSA



Zonal mean abs diff: NH₃



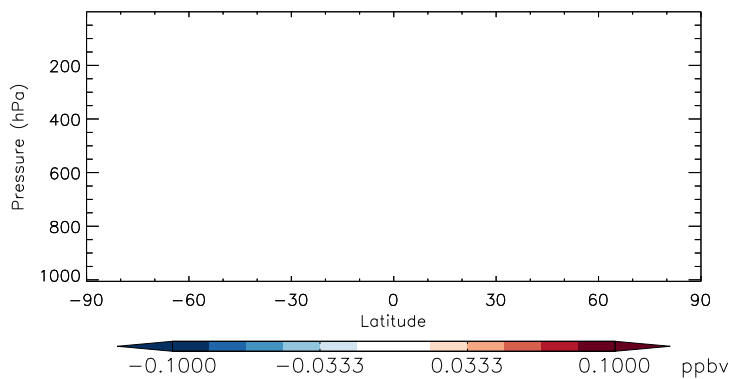
Zonal mean % diff: NH₃



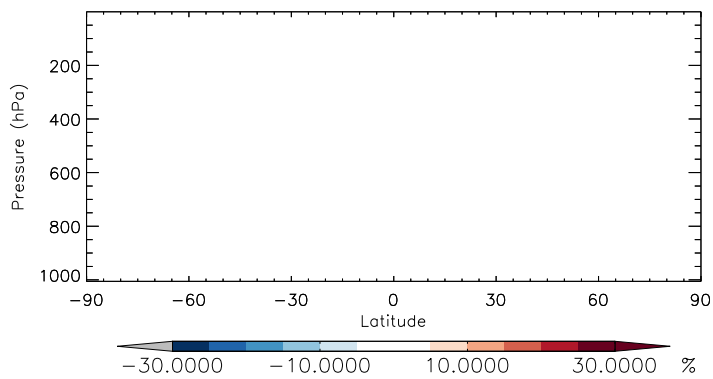
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

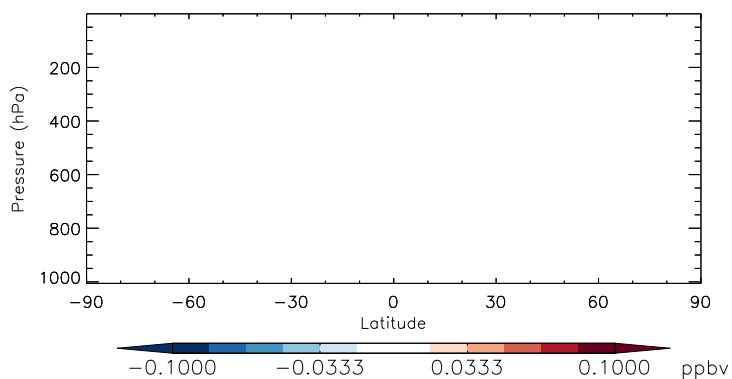
Zonal mean abs diff: NH4



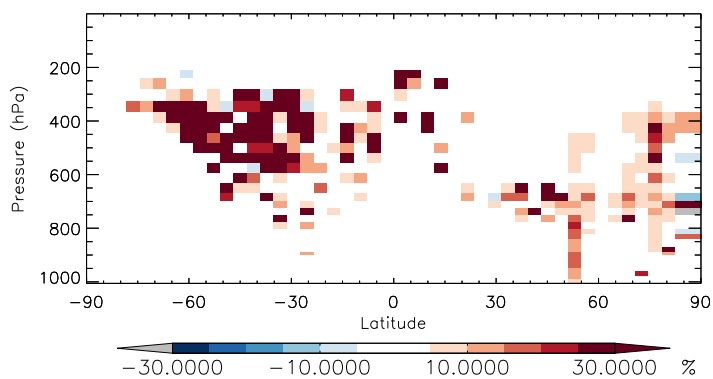
Zonal mean % diff: NH4



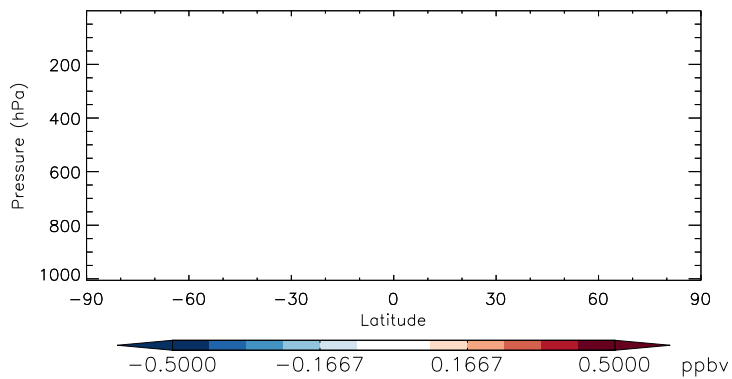
Zonal mean abs diff: NIT



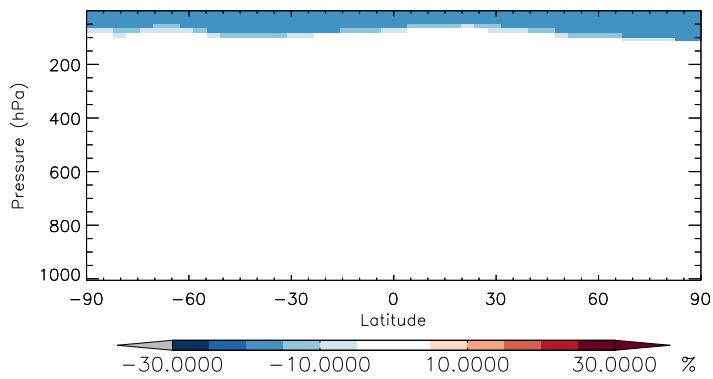
Zonal mean % diff: NIT



Zonal mean abs diff: NITs



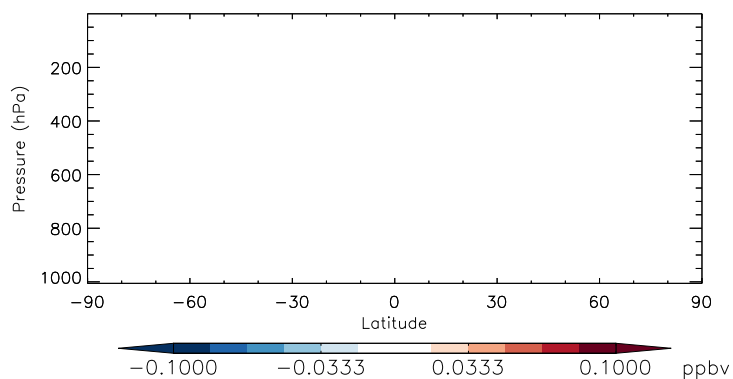
Zonal mean % diff: NITs



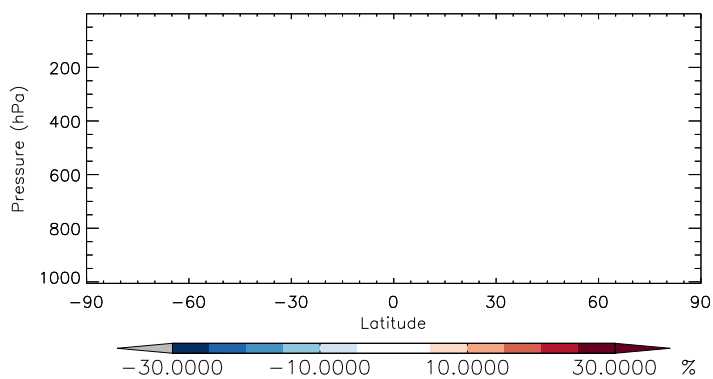
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

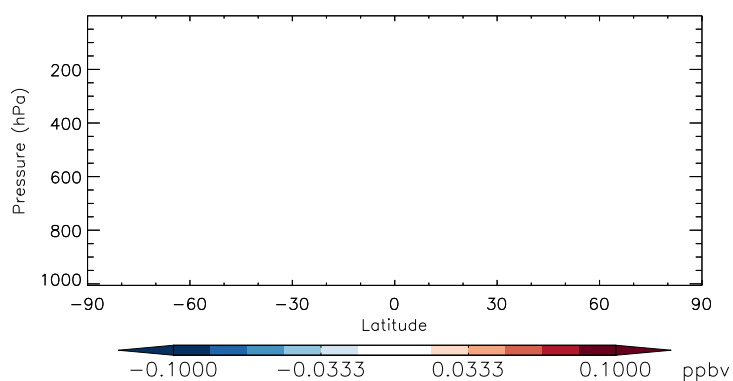
Zonal mean abs diff: BCPI



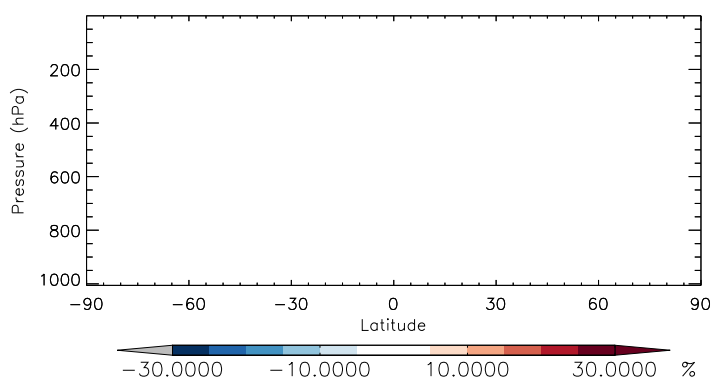
Zonal mean % diff: BCPI



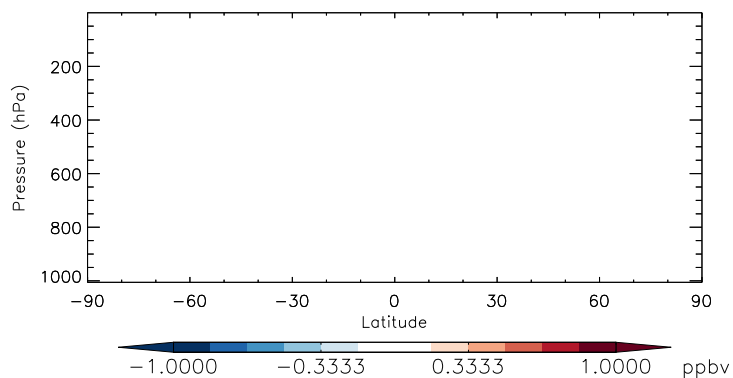
Zonal mean abs diff: OCPI



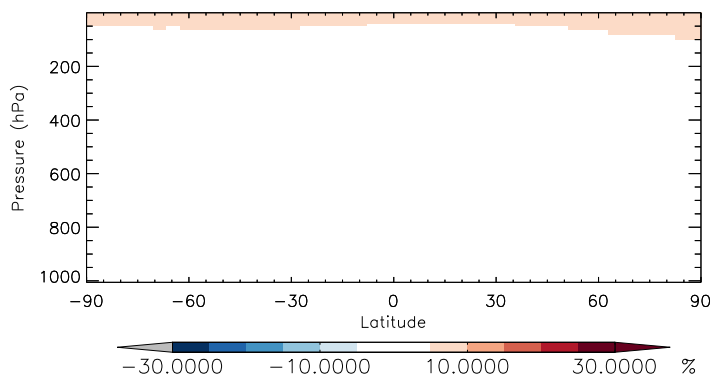
Zonal mean % diff: OCPI



Zonal mean abs diff: BCPO



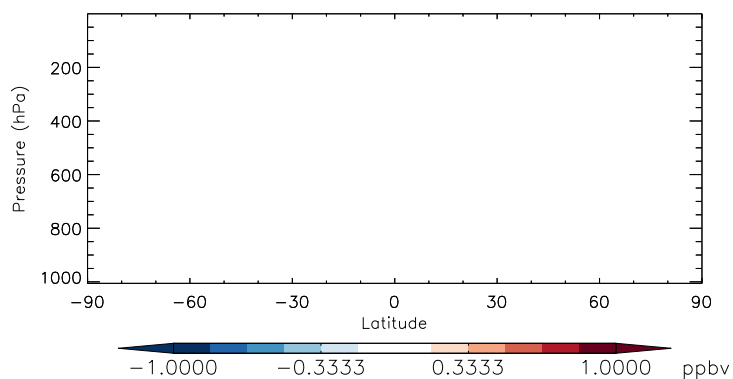
Zonal mean % diff: BCPO



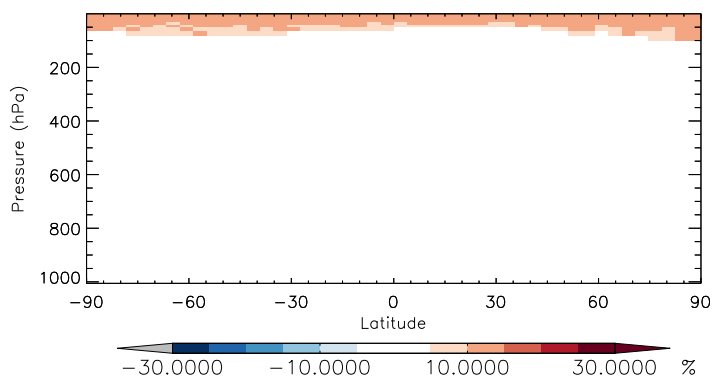
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

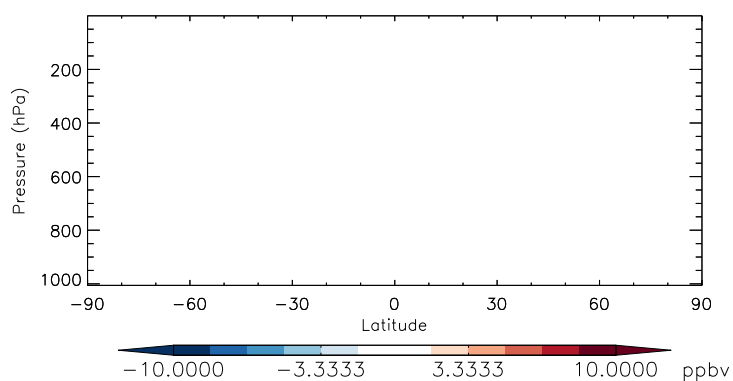
Zonal mean abs diff: OCPO



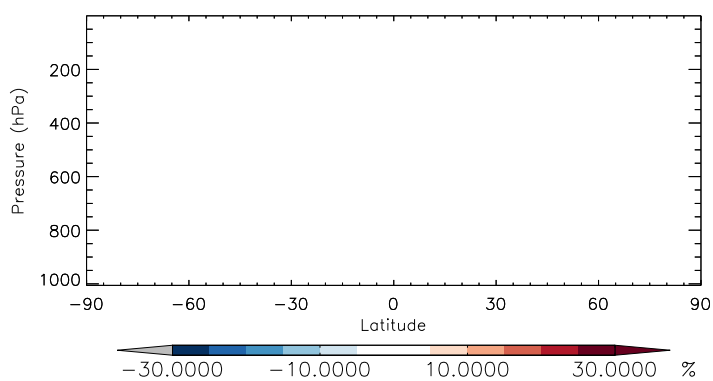
Zonal mean % diff: OCPO



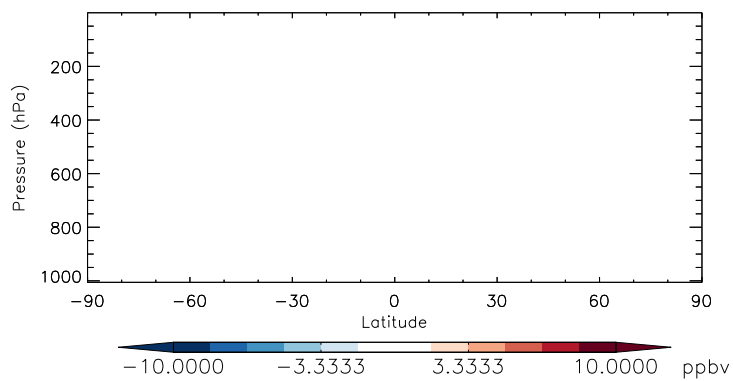
Zonal mean abs diff: DST1



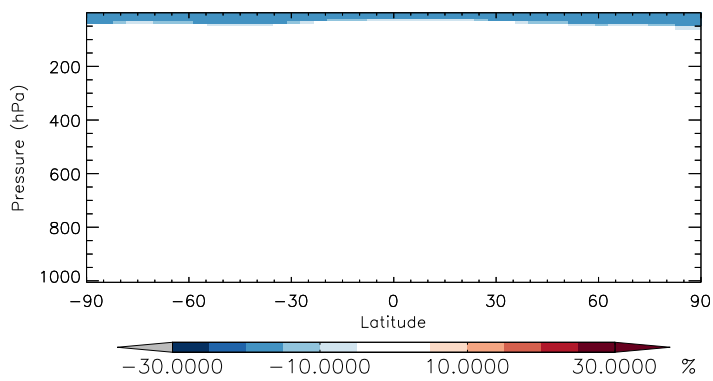
Zonal mean % diff: DST1



Zonal mean abs diff: DST2



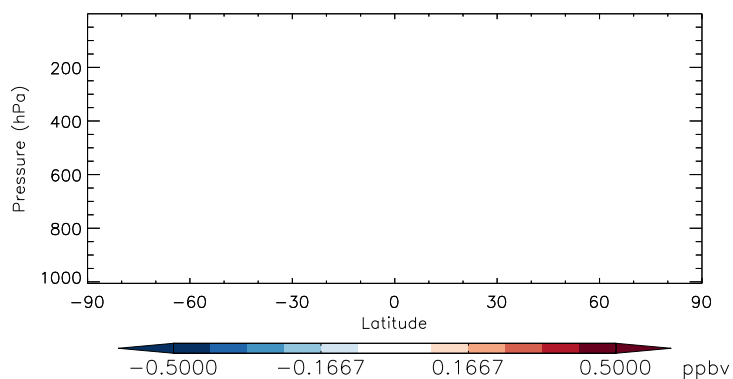
Zonal mean % diff: DST2



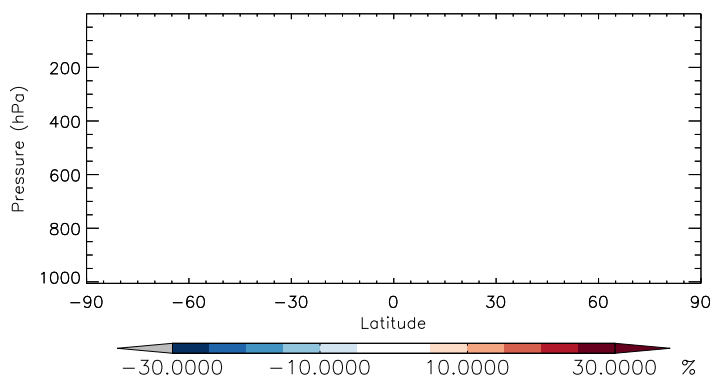
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

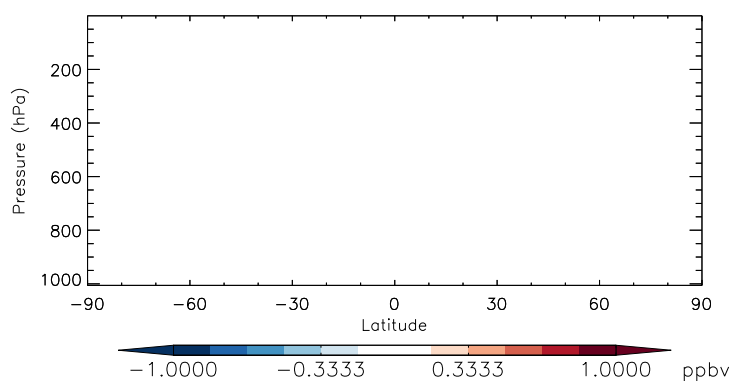
Zonal mean abs diff: DST3



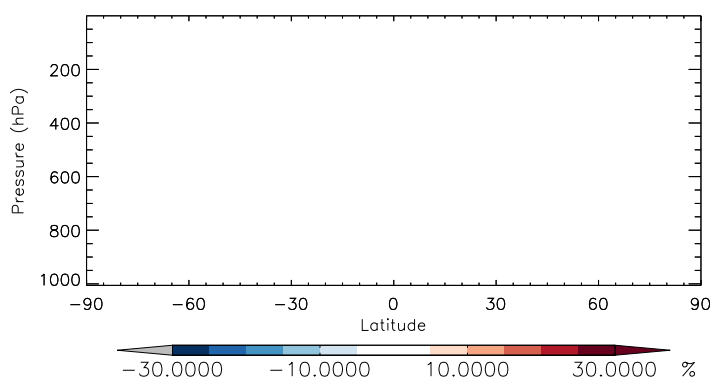
Zonal mean % diff: DST3



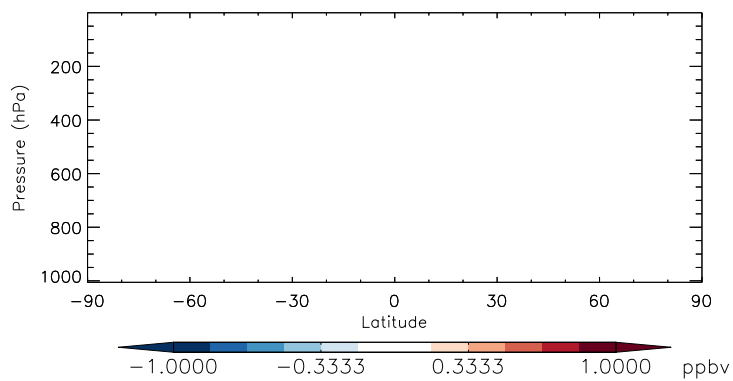
Zonal mean abs diff: DST4



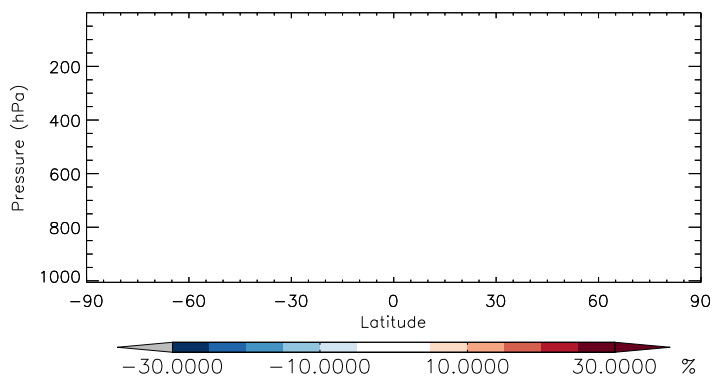
Zonal mean % diff: DST4



Zonal mean abs diff: SALA



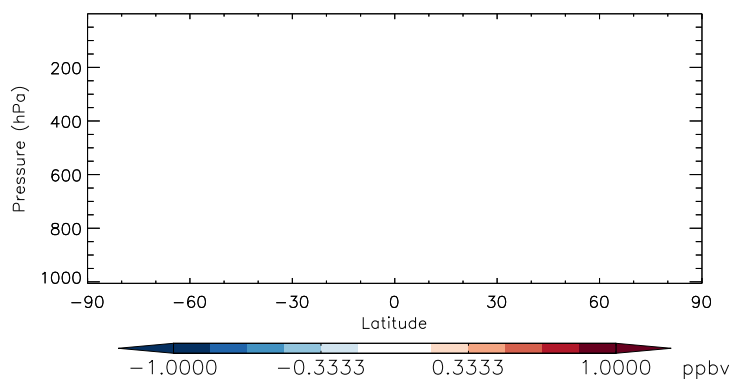
Zonal mean % diff: SALA



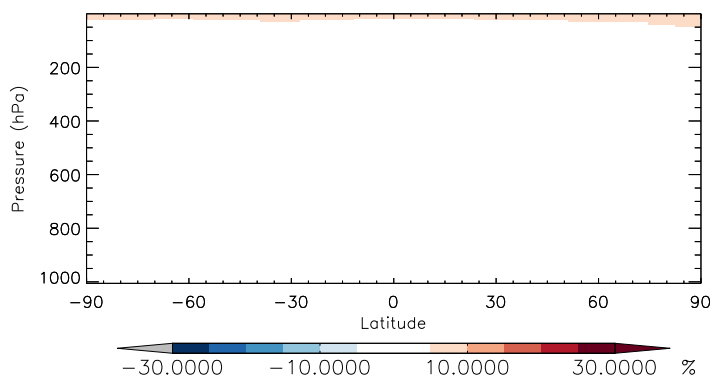
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

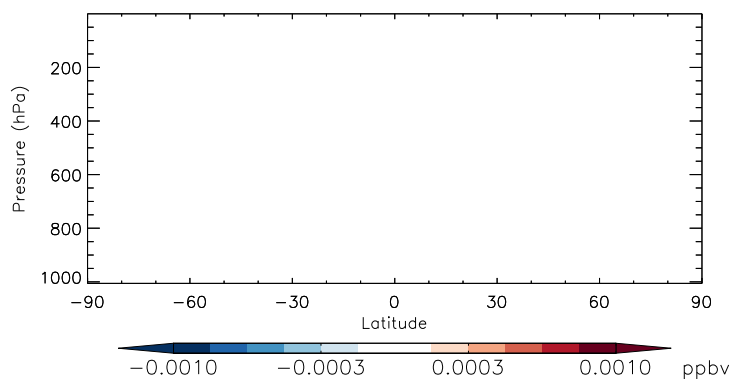
Zonal mean abs diff: SALC



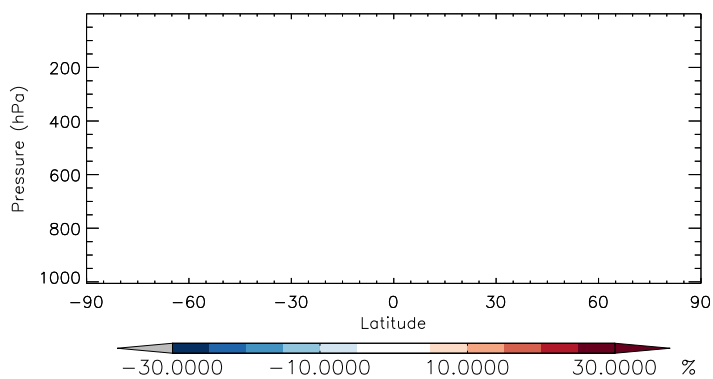
Zonal mean % diff: SALC



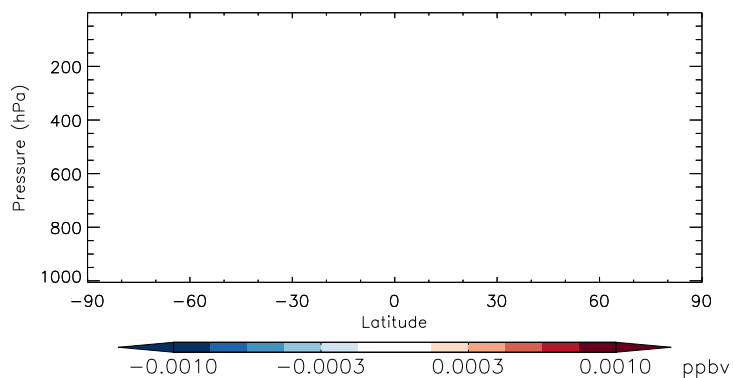
Zonal mean abs diff: Br2



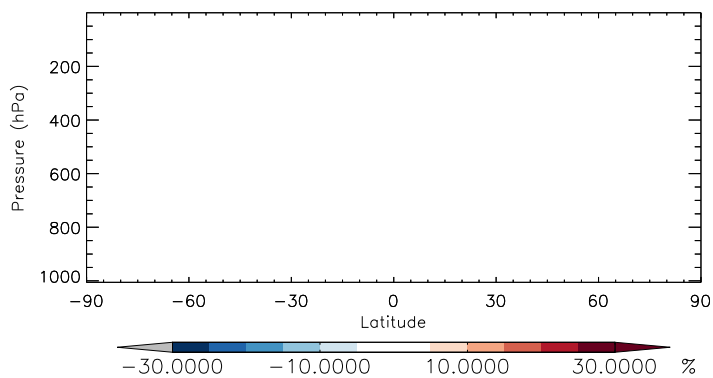
Zonal mean % diff: Br2



Zonal mean abs diff: Br



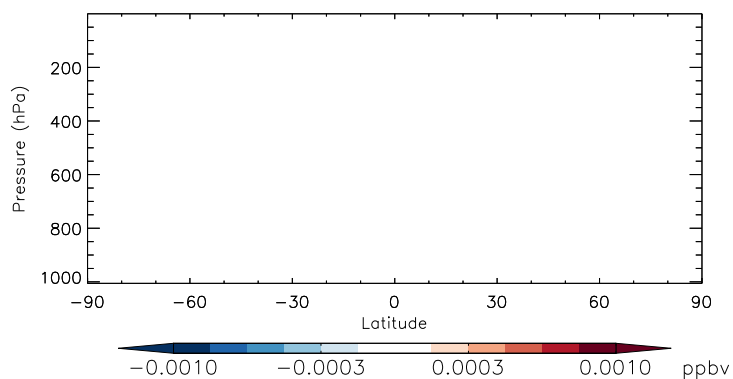
Zonal mean % diff: Br



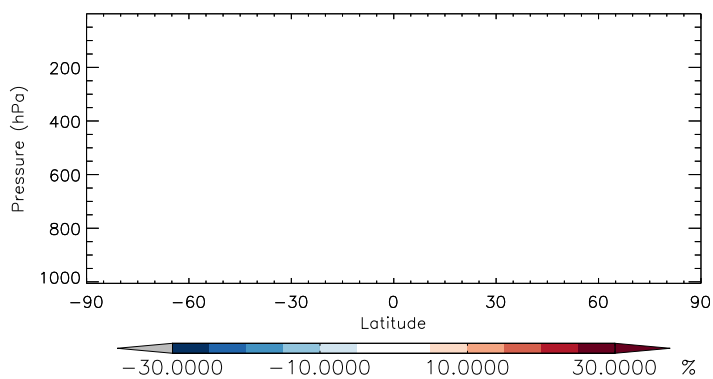
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

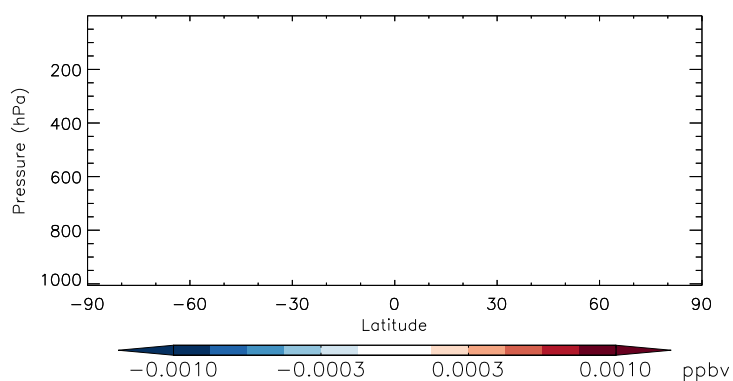
Zonal mean abs diff: BrO



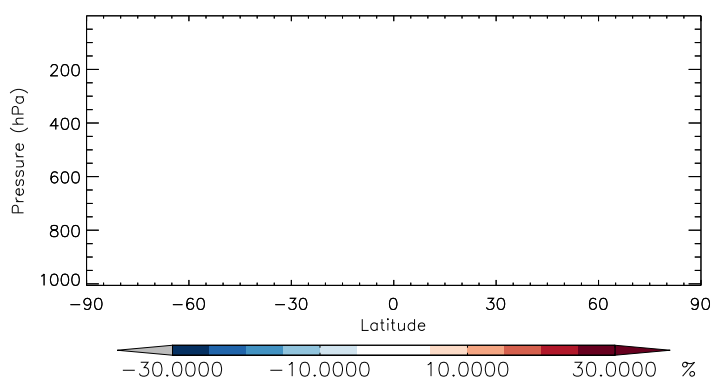
Zonal mean % diff: BrO



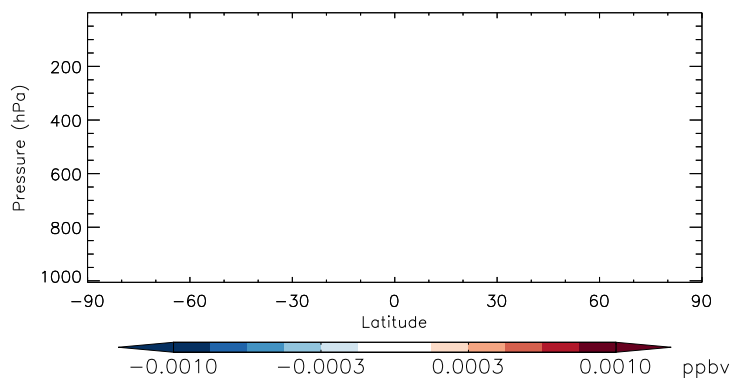
Zonal mean abs diff: HOBr



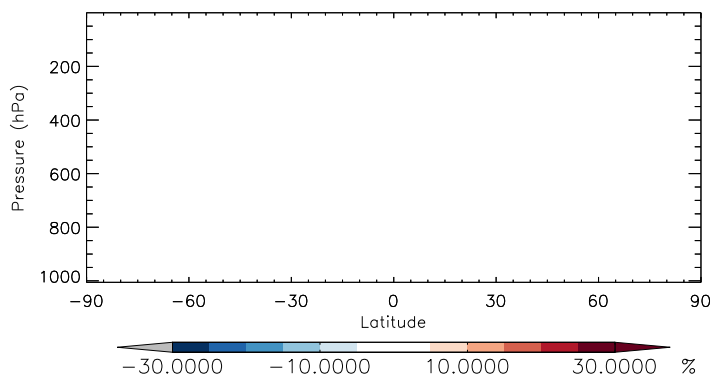
Zonal mean % diff: HOBr



Zonal mean abs diff: HBr



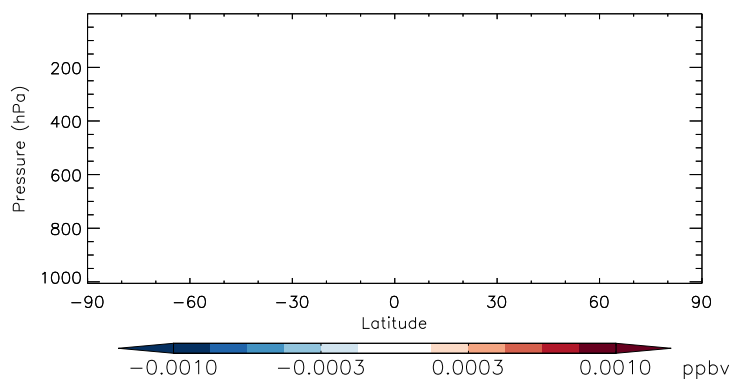
Zonal mean % diff: HBr



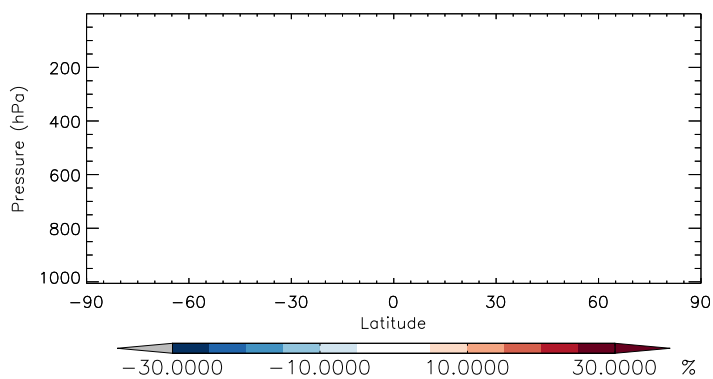
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

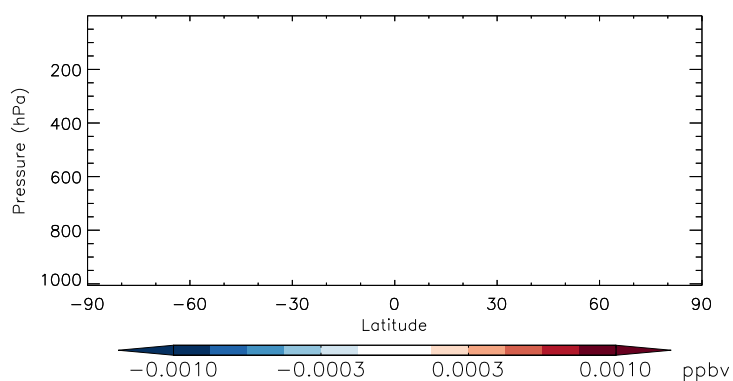
Zonal mean abs diff: BrNO2



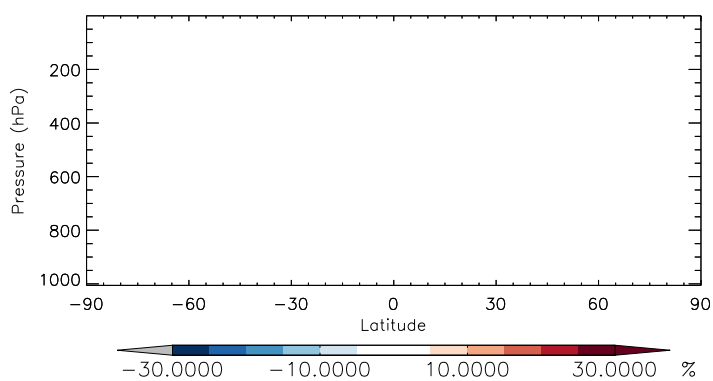
Zonal mean % diff: BrNO2



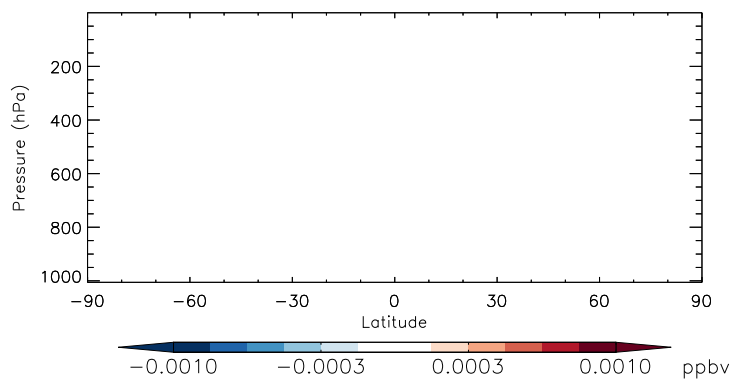
Zonal mean abs diff: BrNO3



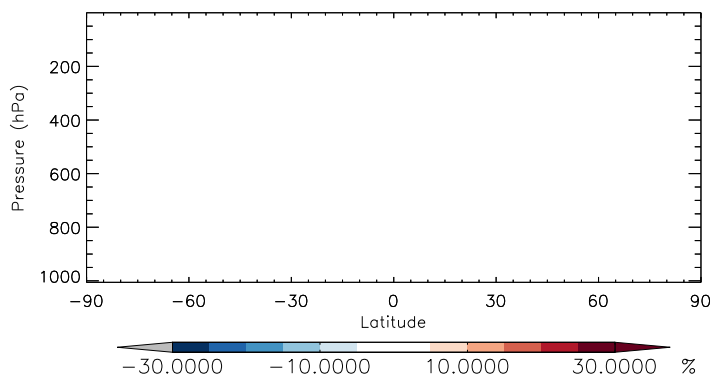
Zonal mean % diff: BrNO3



Zonal mean abs diff: CHBr3



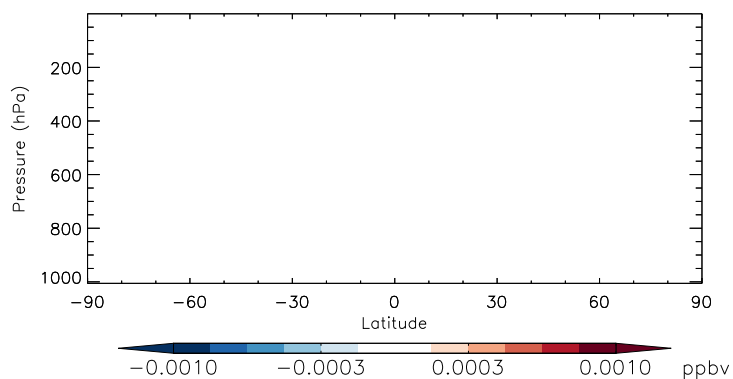
Zonal mean % diff: CHBr3



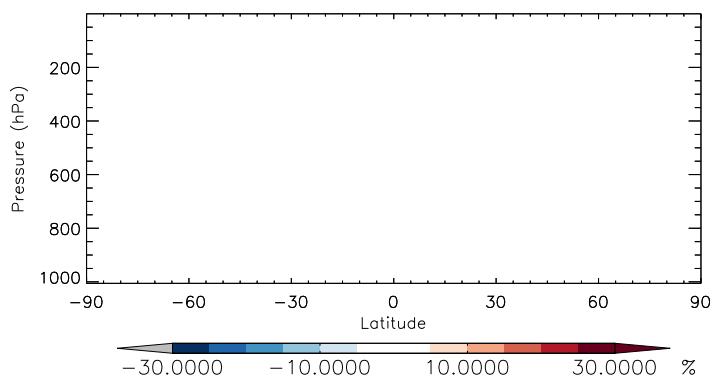
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

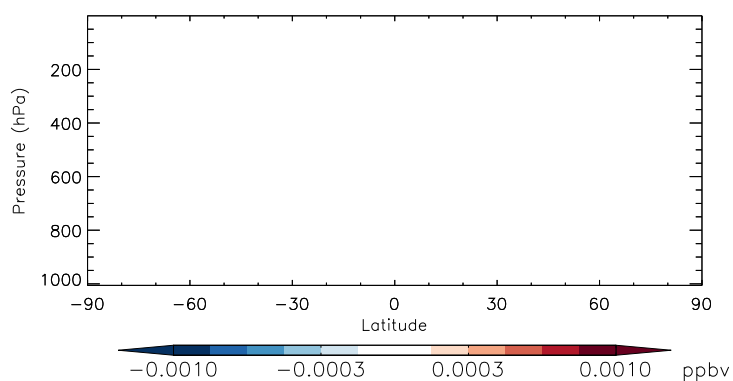
Zonal mean abs diff: CH₂Br₂



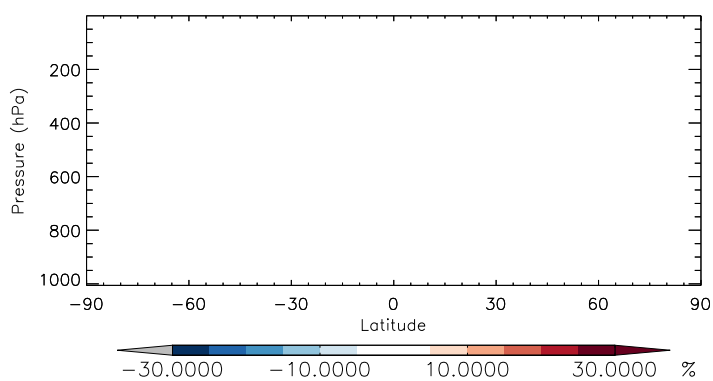
Zonal mean % diff: CH₂Br₂



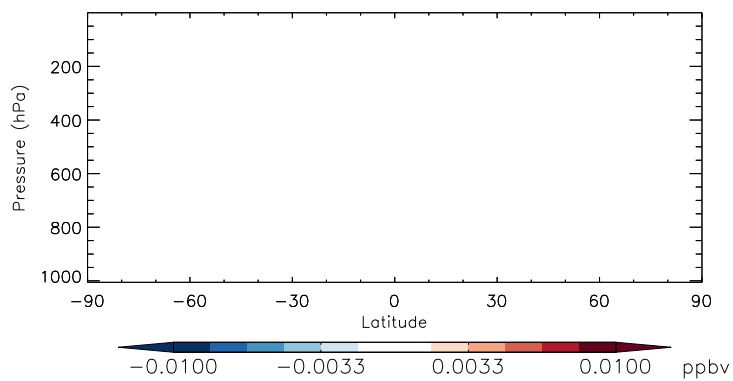
Zonal mean abs diff: CH₃Br



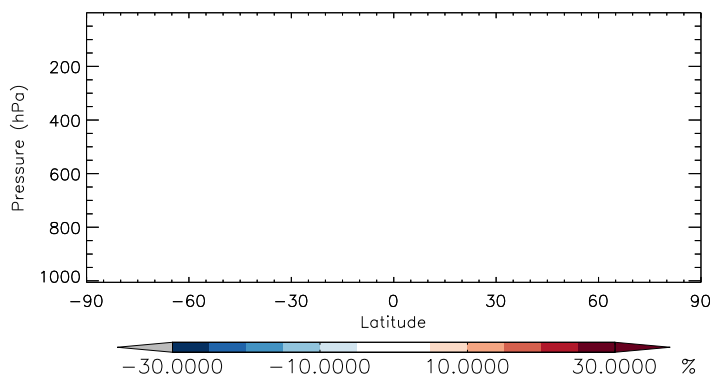
Zonal mean % diff: CH₃Br



Zonal mean abs diff: MPN



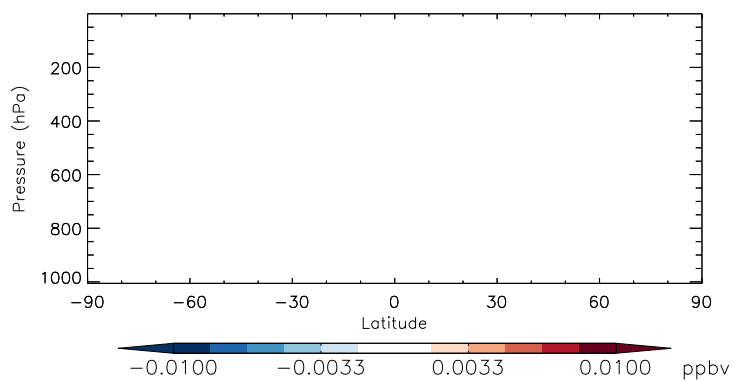
Zonal mean % diff: MPN



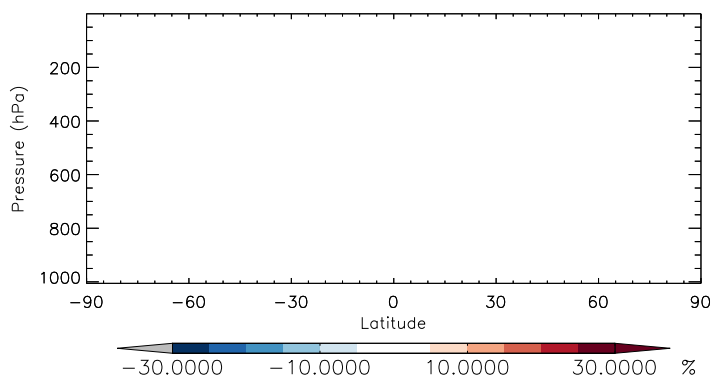
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

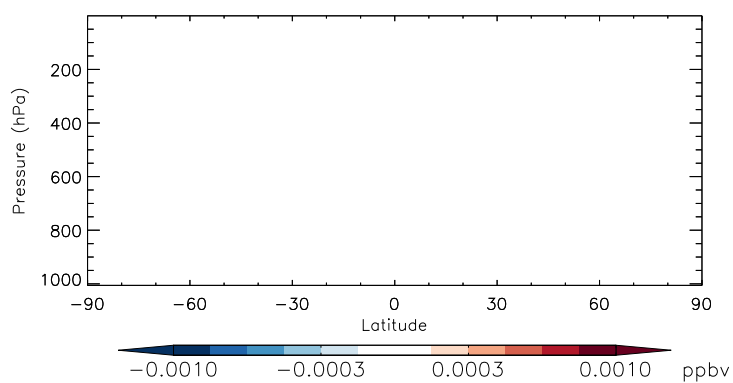
Zonal mean abs diff: ISOPN



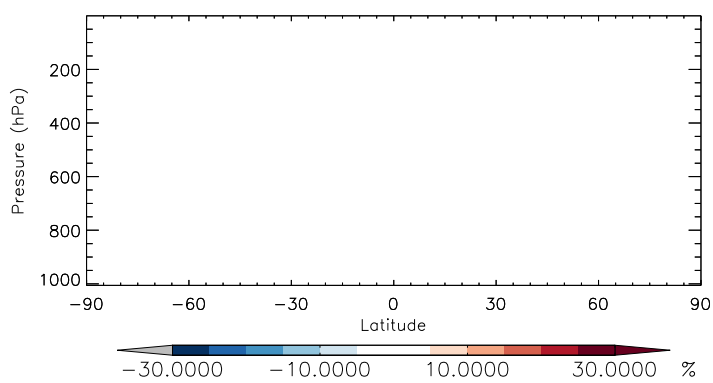
Zonal mean % diff: ISOPN



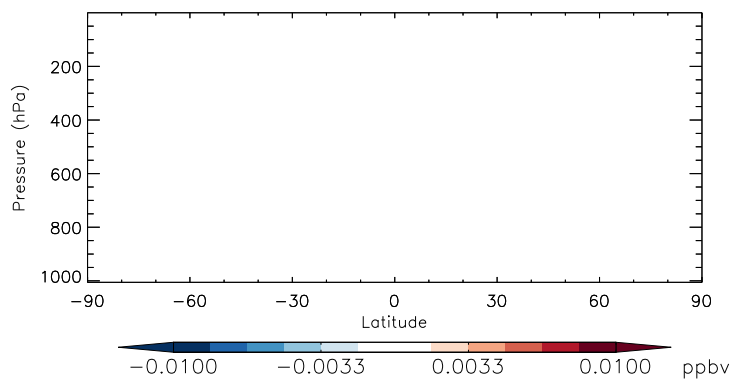
Zonal mean abs diff: MOBA



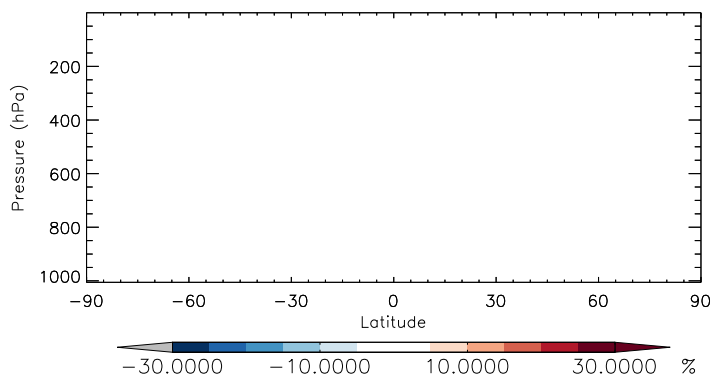
Zonal mean % diff: MOBA



Zonal mean abs diff: PROPNN



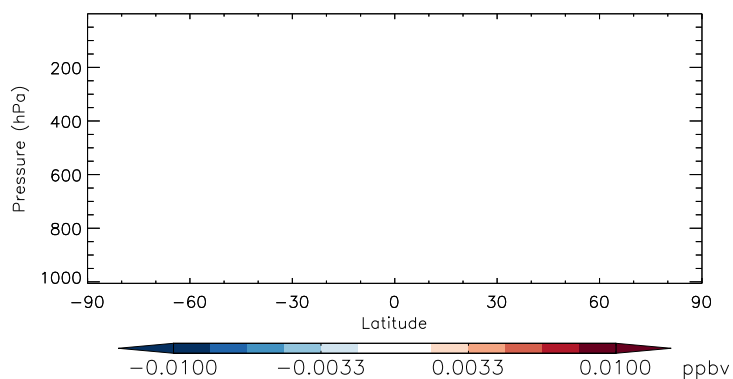
Zonal mean % diff: PROPNN



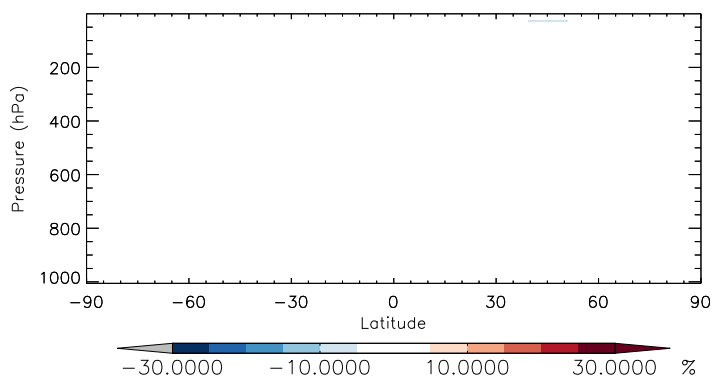
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

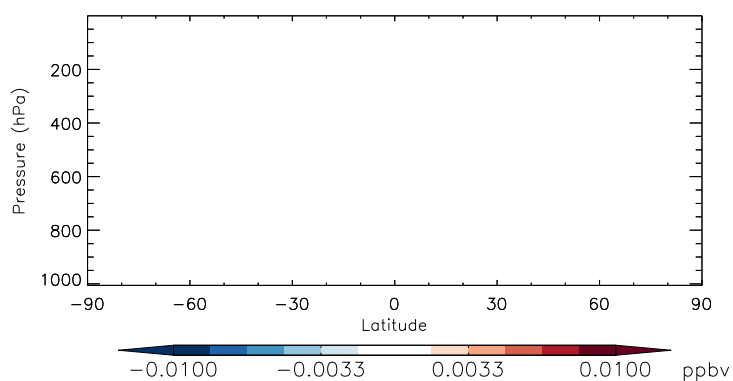
Zonal mean abs diff: HAC



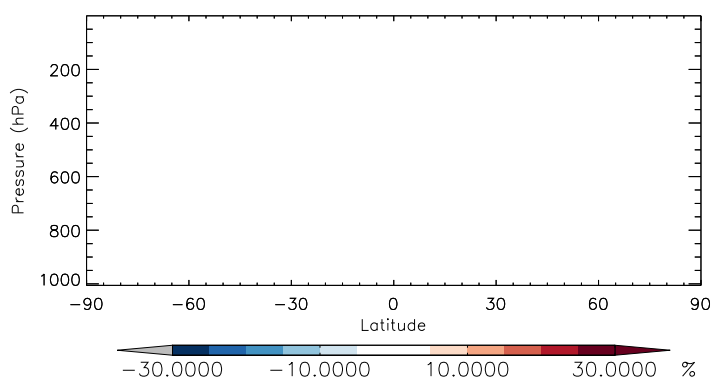
Zonal mean % diff: HAC



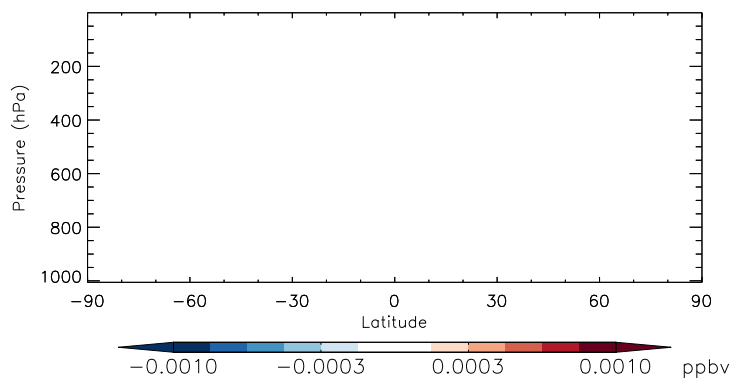
Zonal mean abs diff: GLYC



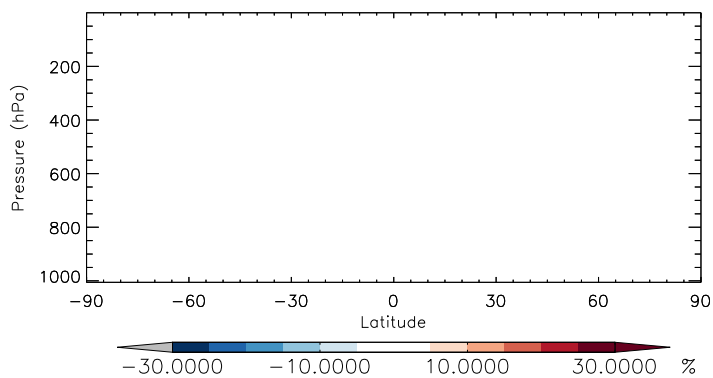
Zonal mean % diff: GLYC



Zonal mean abs diff: MMN



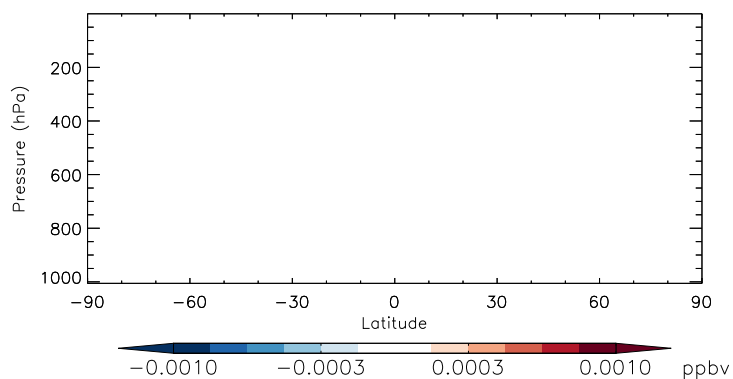
Zonal mean % diff: MMN



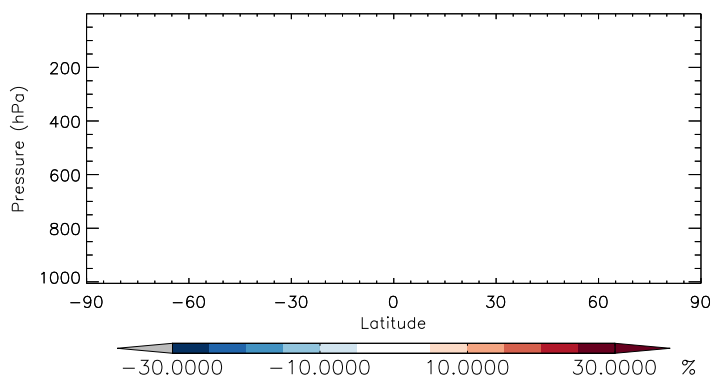
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

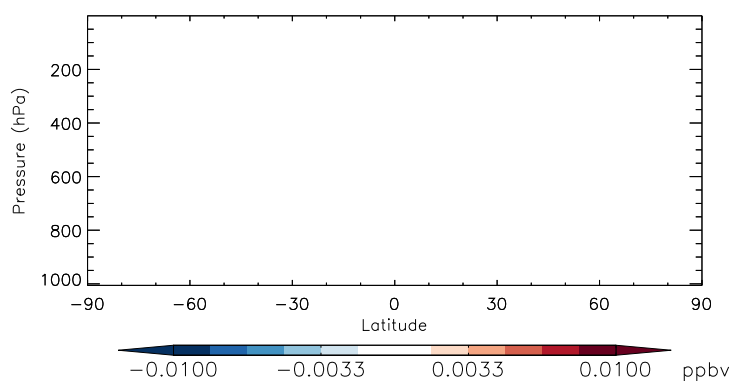
Zonal mean abs diff: RIP



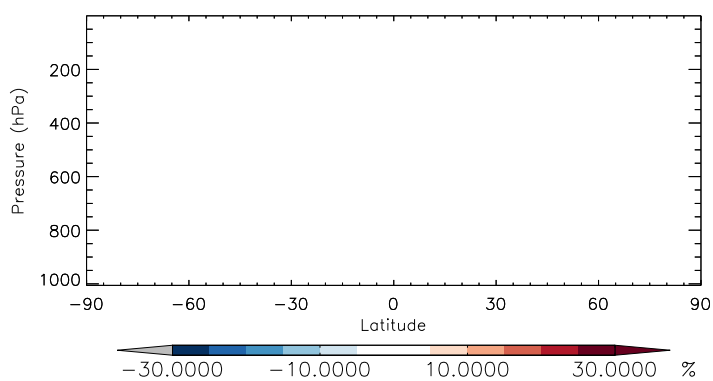
Zonal mean % diff: RIP



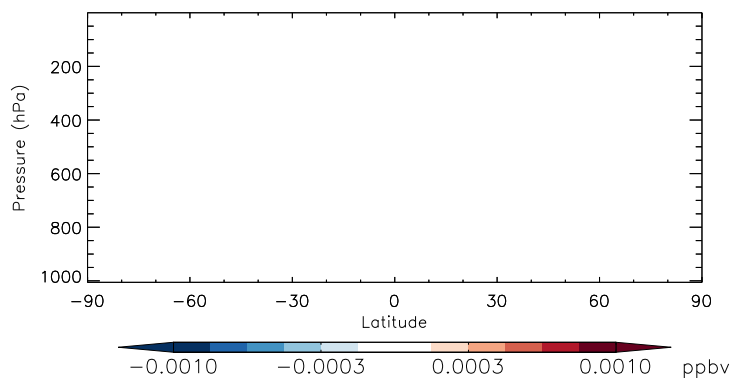
Zonal mean abs diff: IEPOX



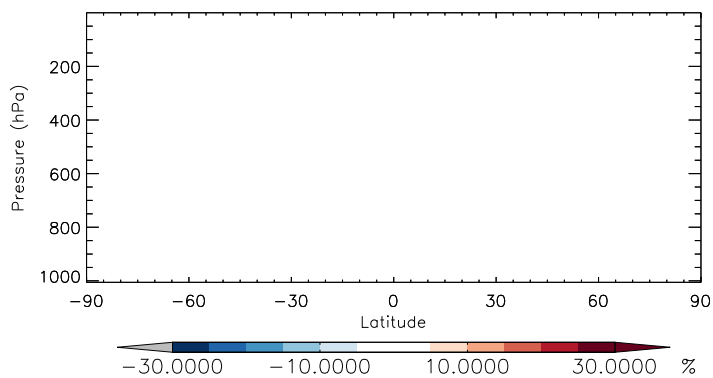
Zonal mean % diff: IEPOX



Zonal mean abs diff: MAP



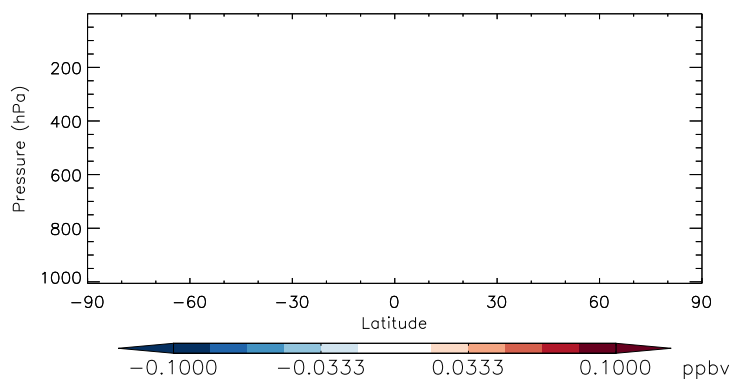
Zonal mean % diff: MAP



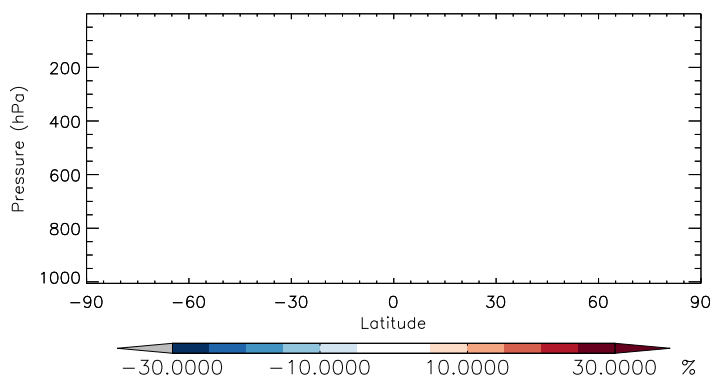
GEOS-Chem v9-02r.geos5 Zonal differences

ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

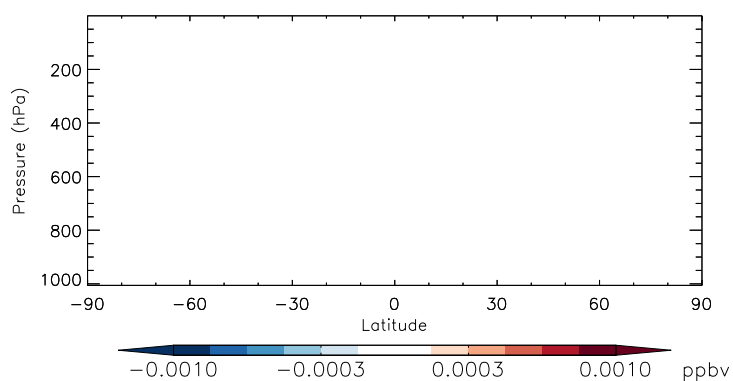
Zonal mean abs diff: NO2



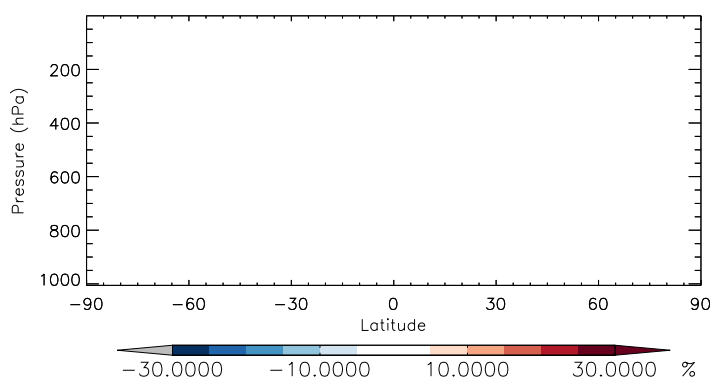
Zonal mean % diff: NO2



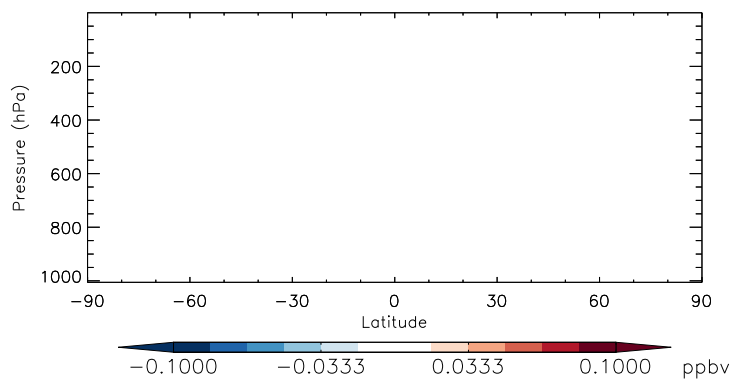
Zonal mean abs diff: NO3



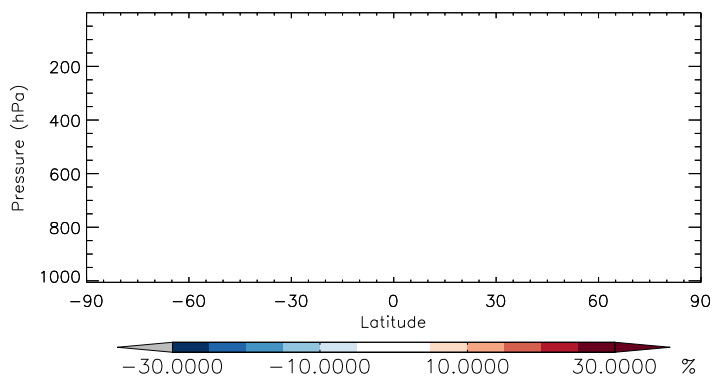
Zonal mean % diff: NO3



Zonal mean abs diff: HNO2

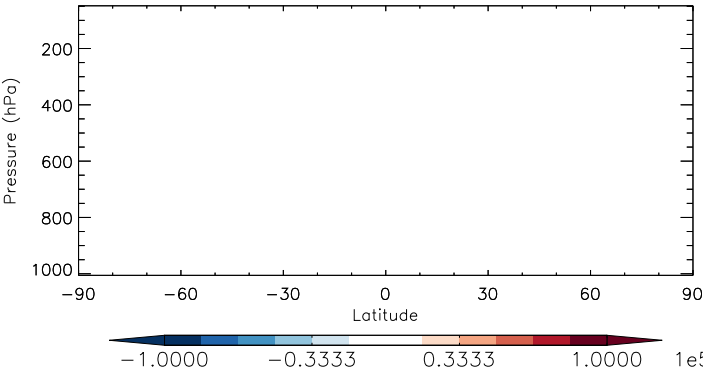


Zonal mean % diff: HNO2

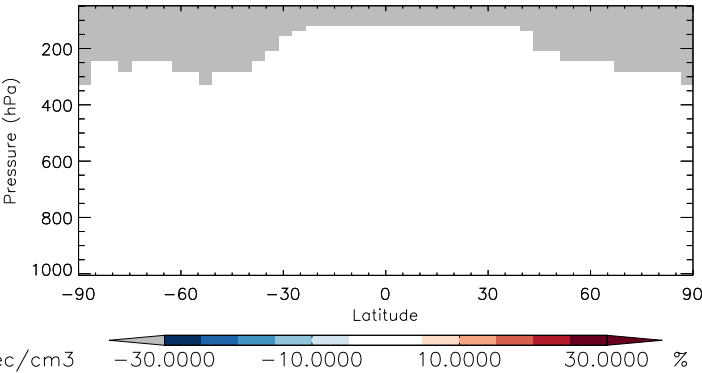


GEOS-Chem v9-02r.geos5 Zonal differences
ctm.bpch.v9-02r.geos5 - ctm.bpch.v9-02q

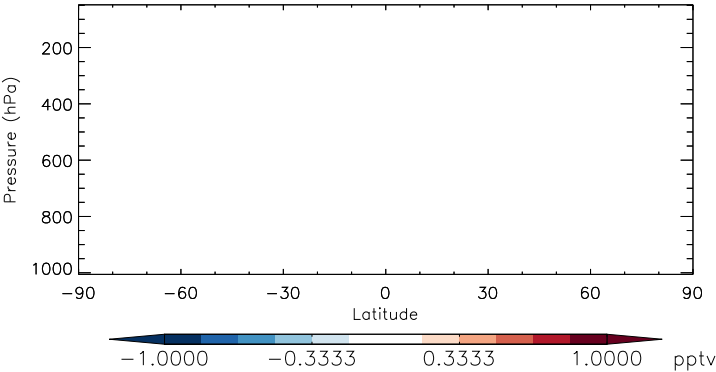
Zonal mean abs diff: OH



Zonal mean % diff: OH



Zonal mean abs diff: HO2



Zonal mean % diff: HO2

