

HIPPO CROSS-SECTIONS

PROCESSED Sat Mar 10 22:00:43 MST 2012

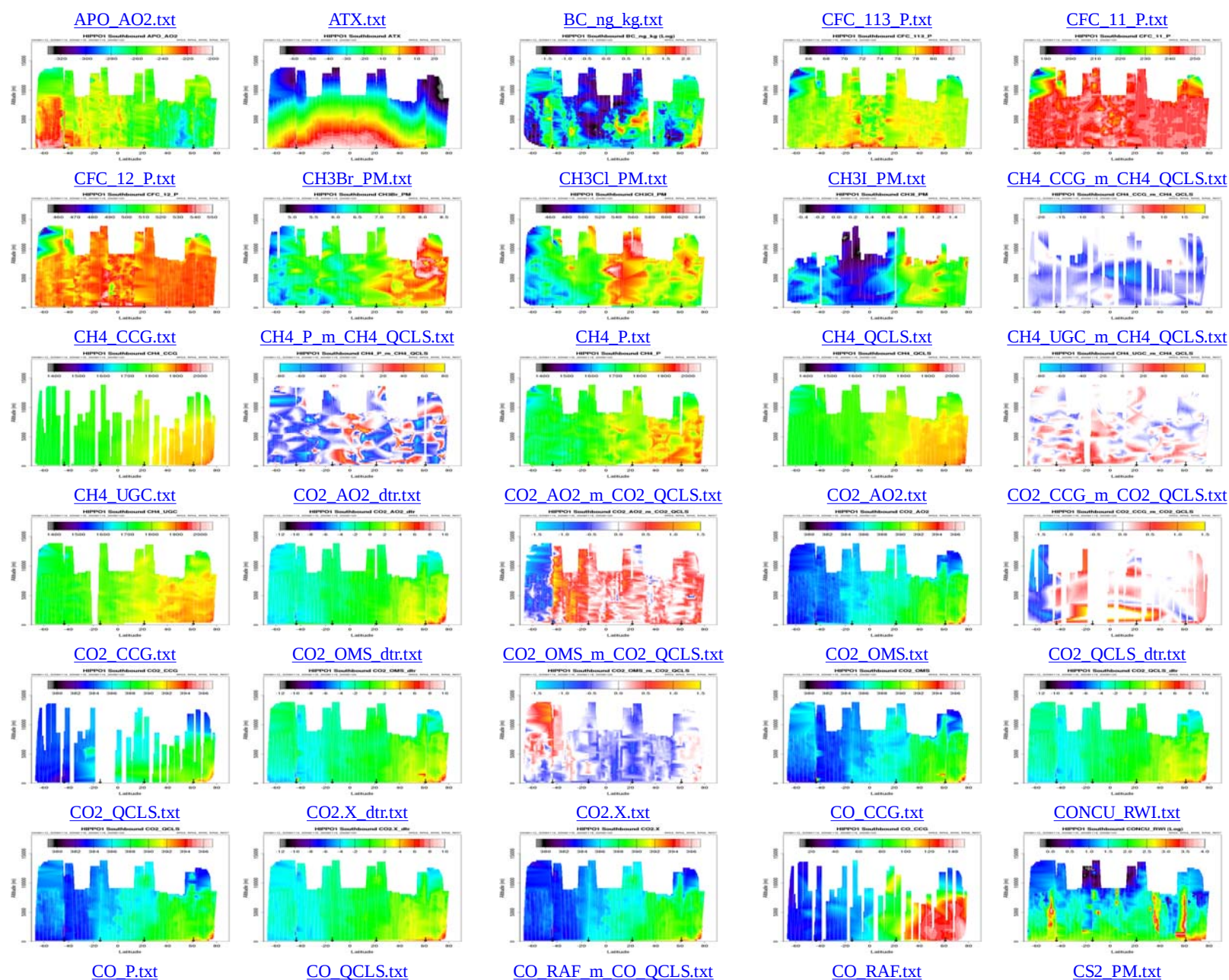
[VS. ALT AND LAT](#)
[VS. ALT AND SIN\(LAT\)](#)
[VS. THETA AND LAT](#)
[VS. THETA AND SIN\(LAT\)](#)
[VS. PRESS AND LAT](#)
[VS. PRESS AND SIN\(LAT\)](#)

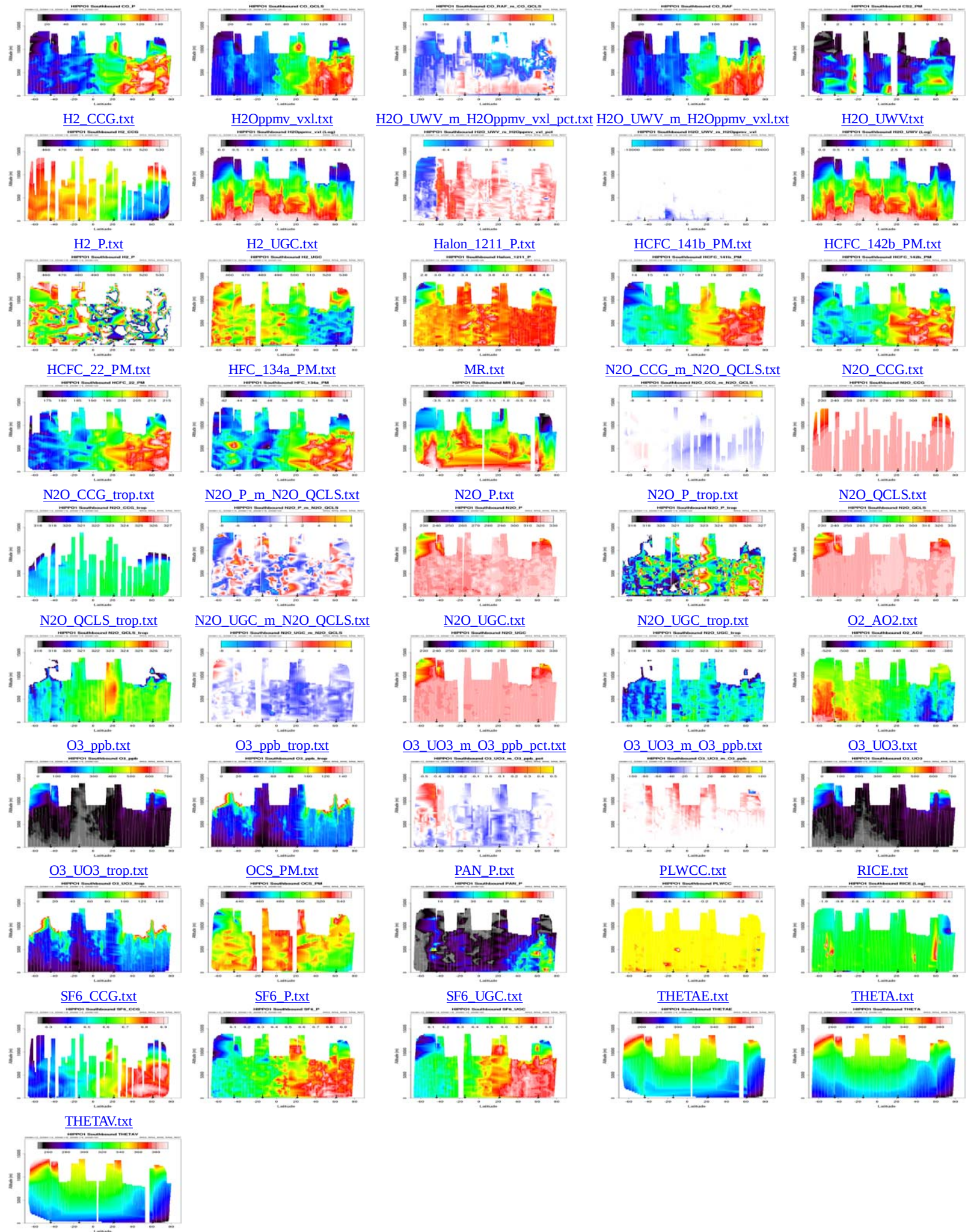
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ALL PLOTS VS. GGALT AND GGLAT

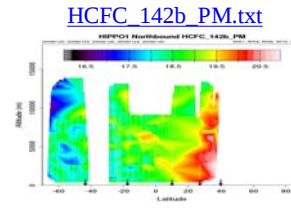
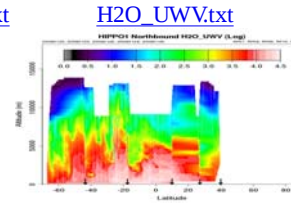
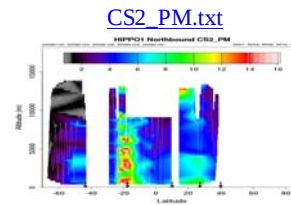
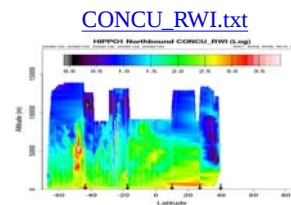
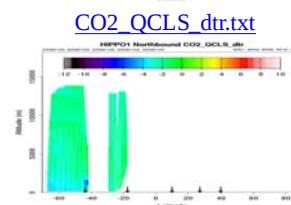
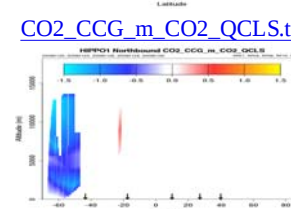
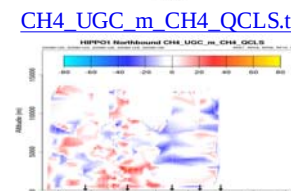
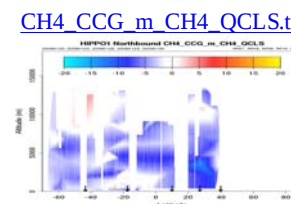
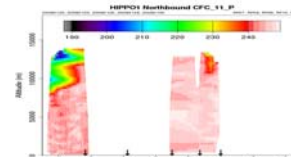
HIPPO1: January, 2009

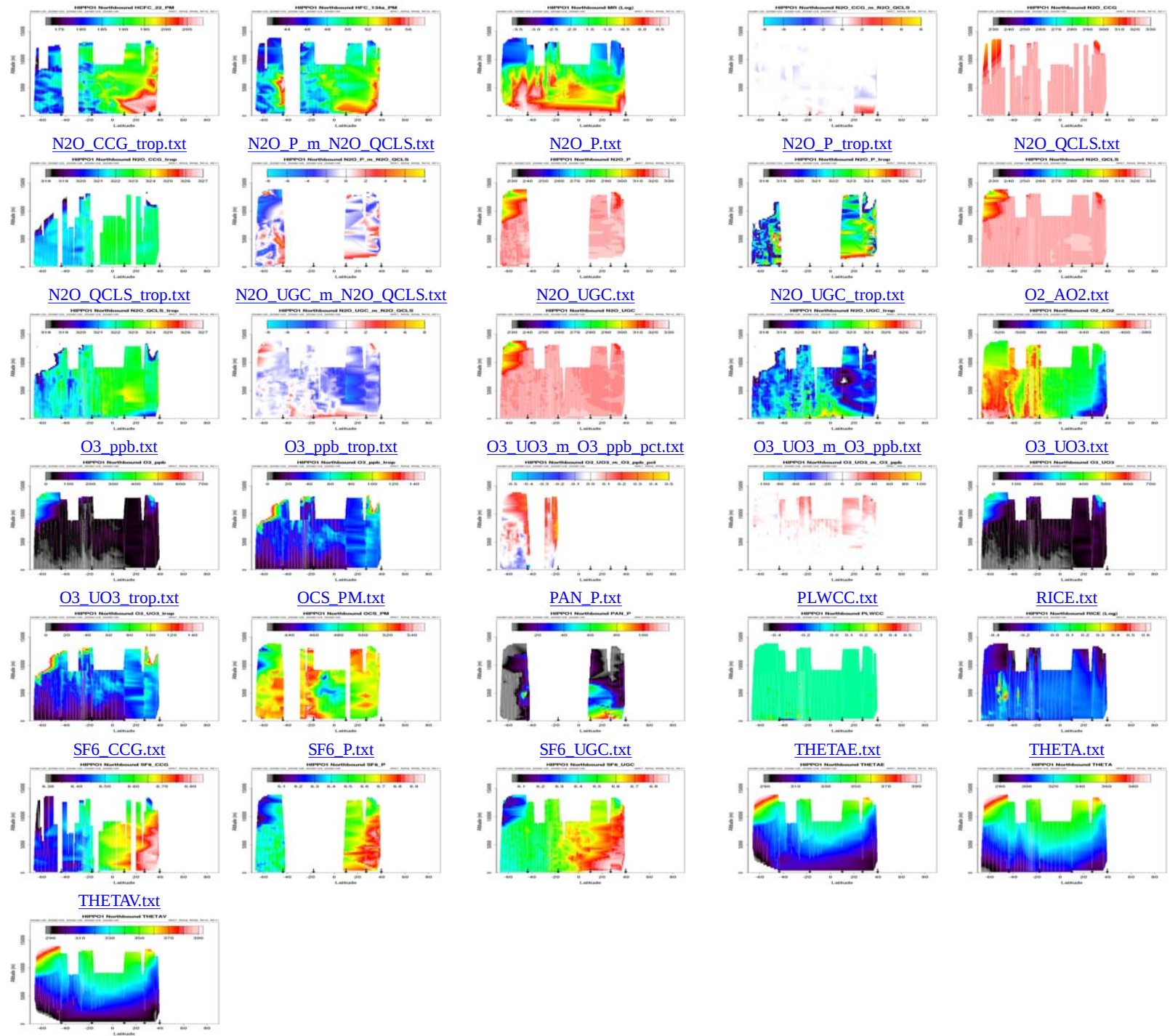
Southbound





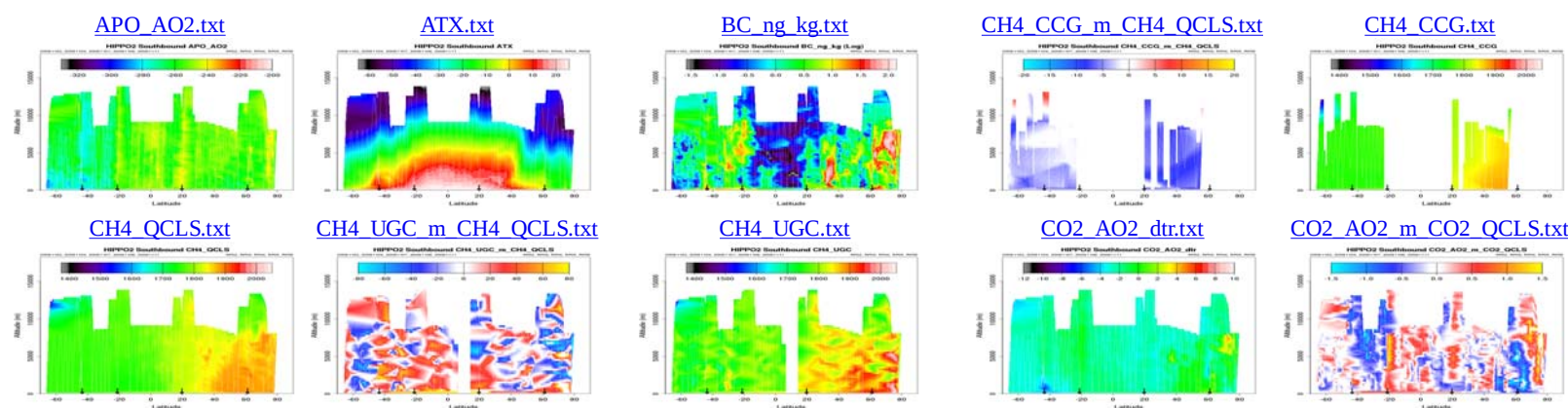
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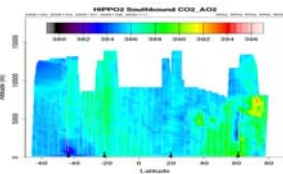
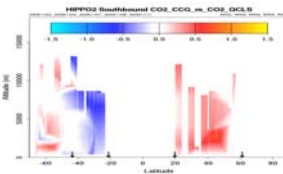
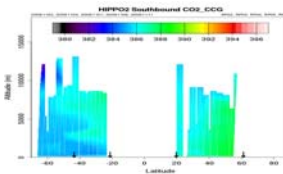
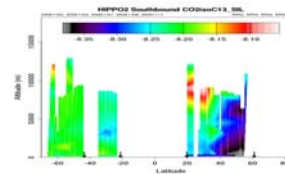
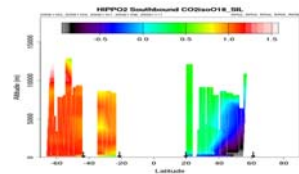
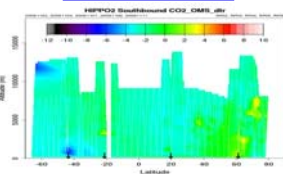
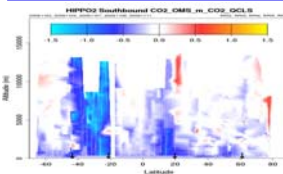
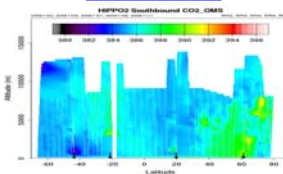
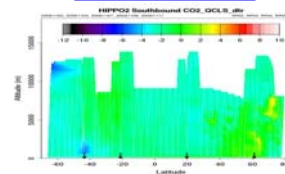
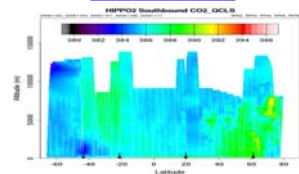
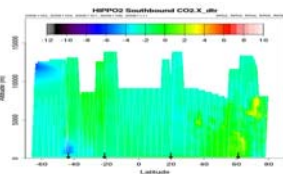
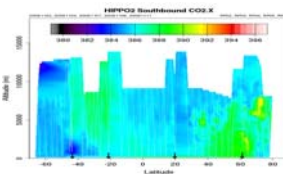
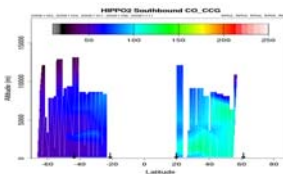
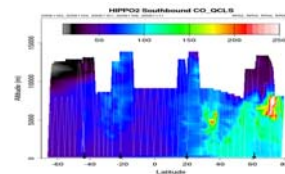
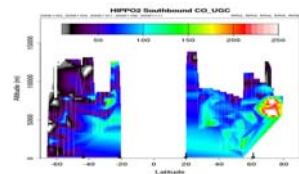
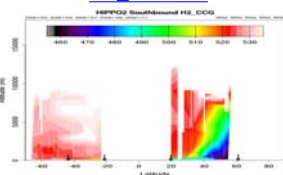
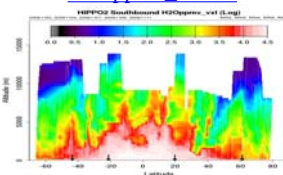
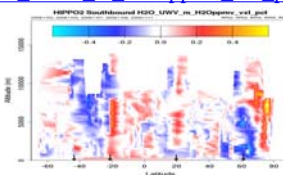
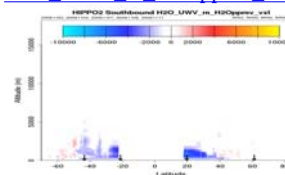
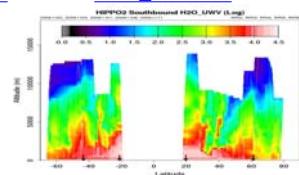
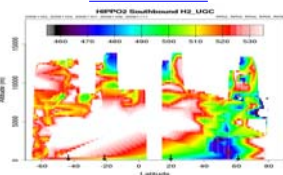
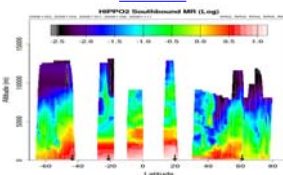
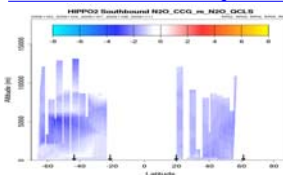
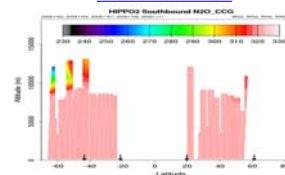
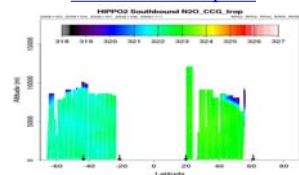
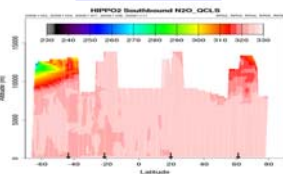
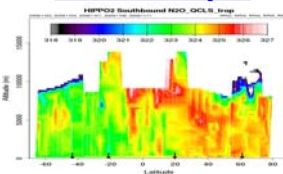
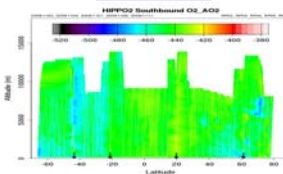
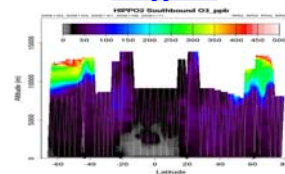
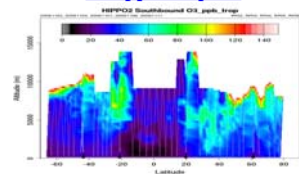
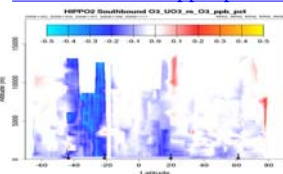
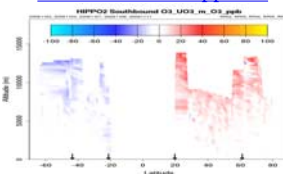
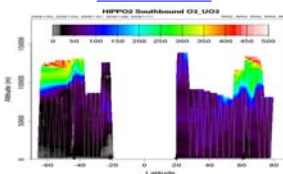
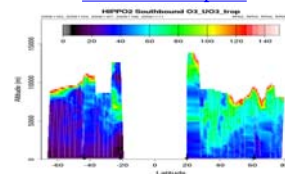
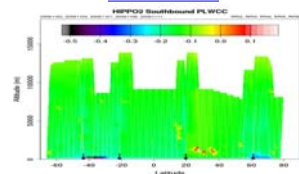
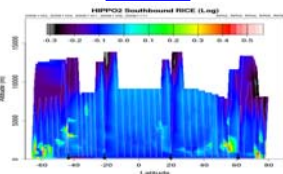
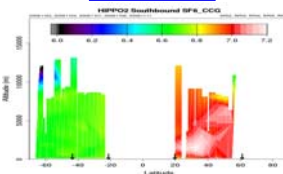
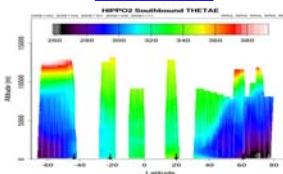
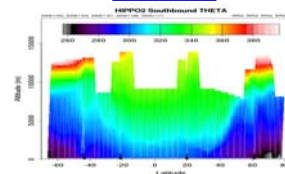
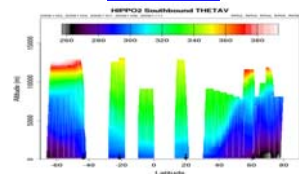




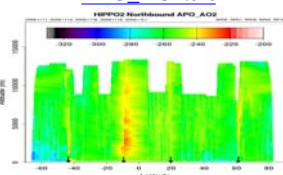
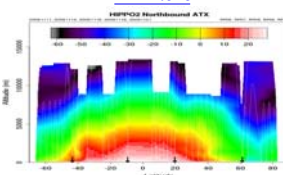
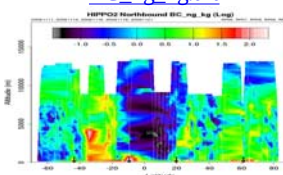
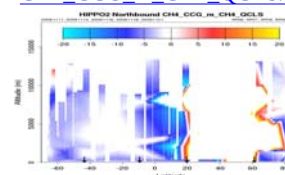
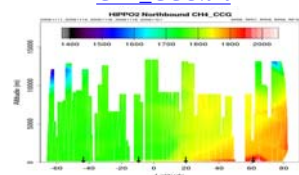
HIPPO2: November, 2009

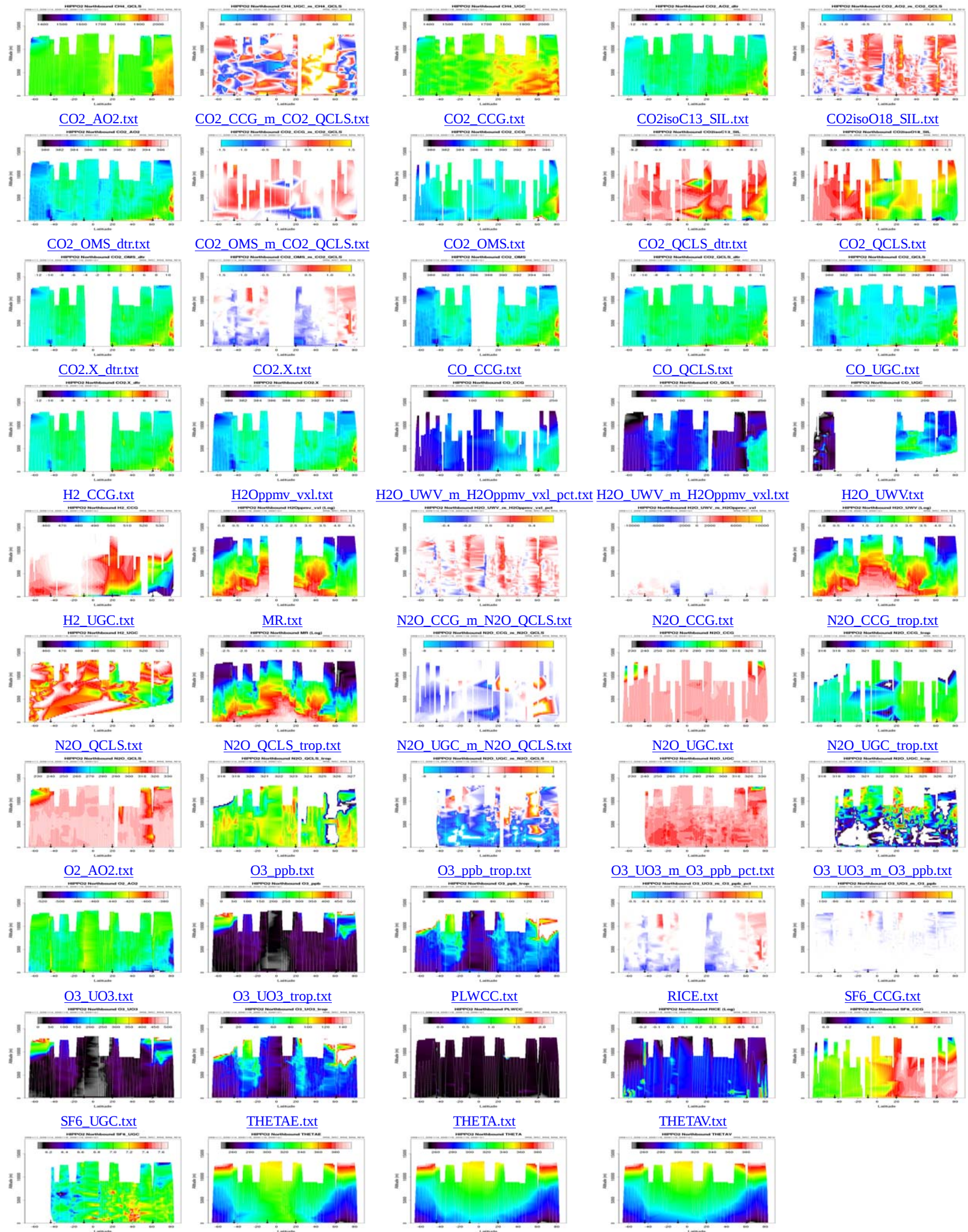
Southbound



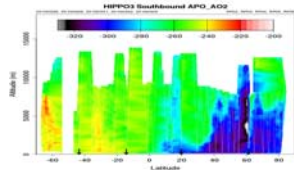
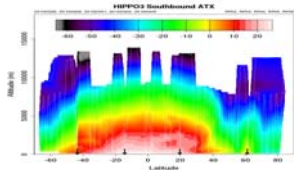
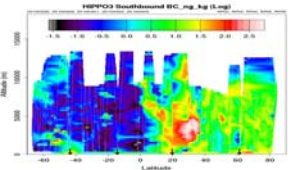
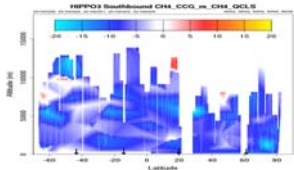
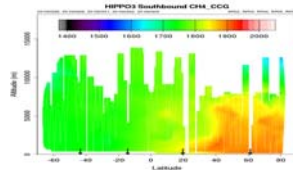
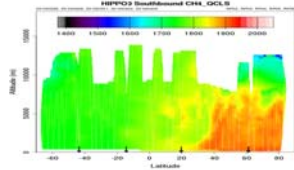
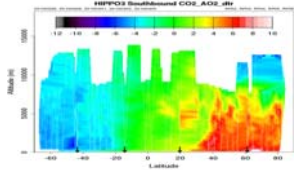
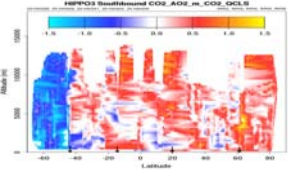
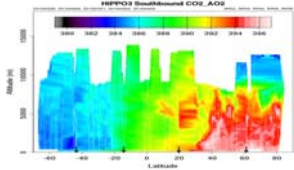
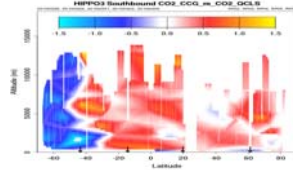
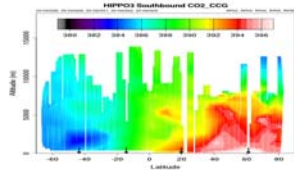
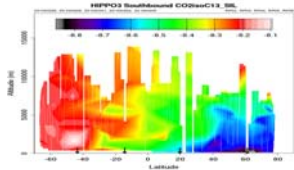
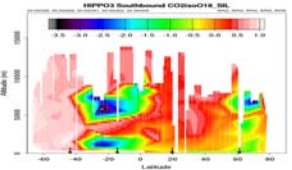
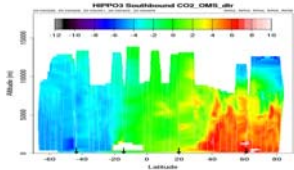
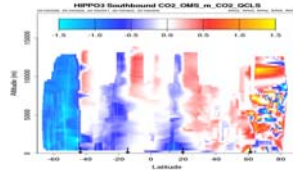
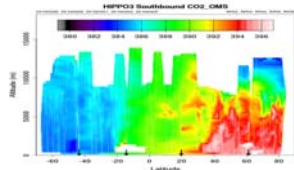
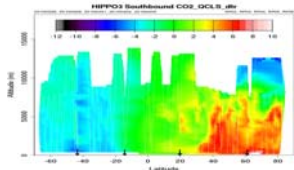
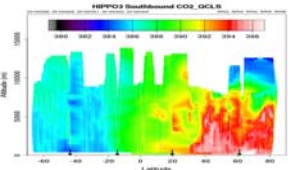
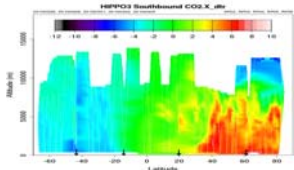
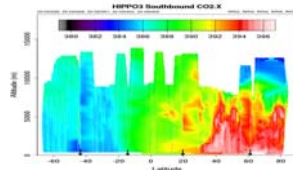
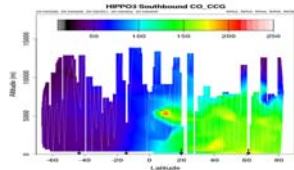
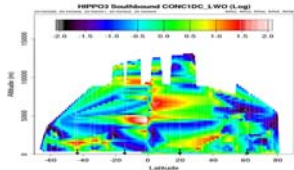
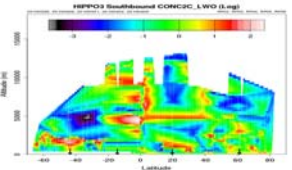
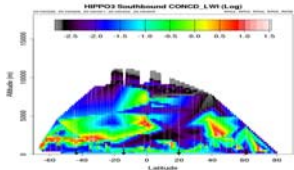
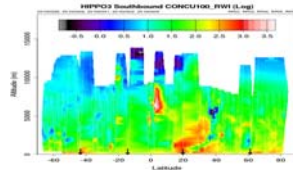
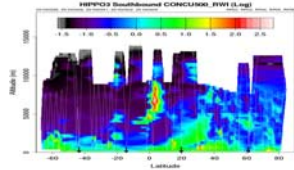
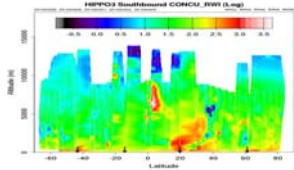
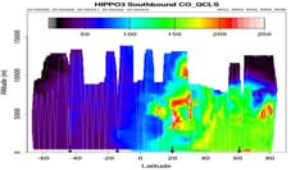
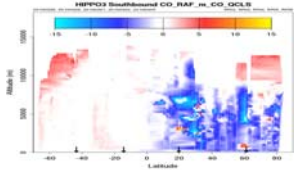
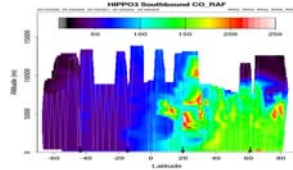
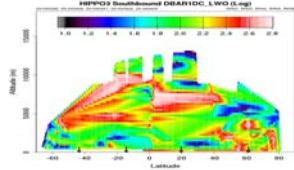
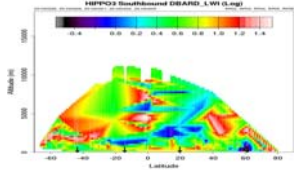
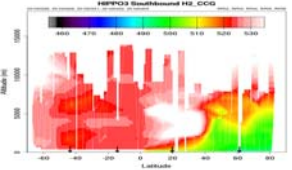
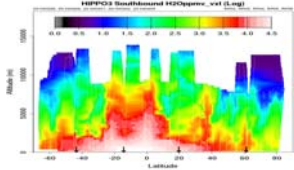
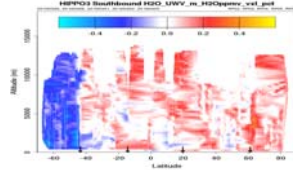
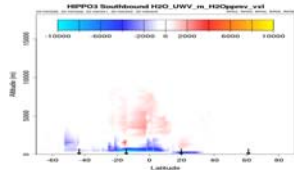
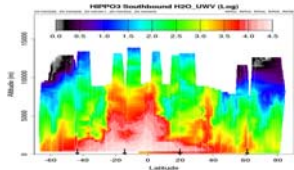
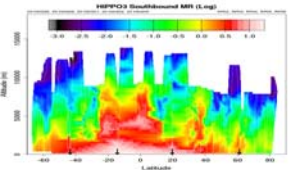
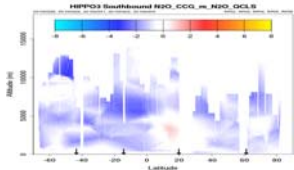
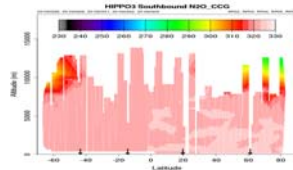
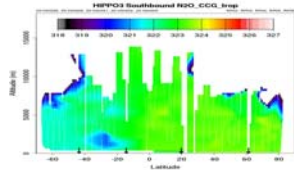
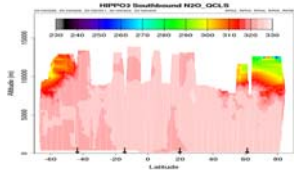
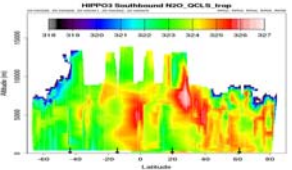
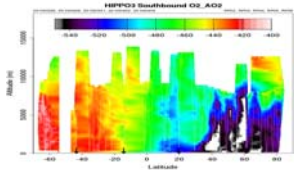
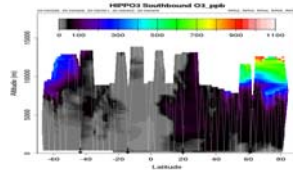
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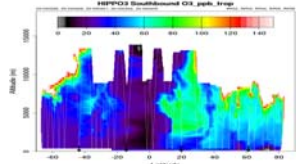
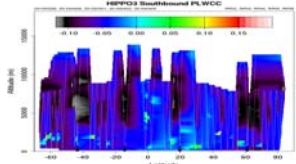
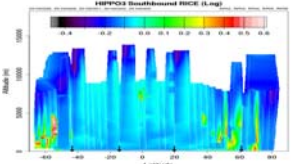
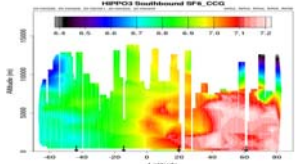
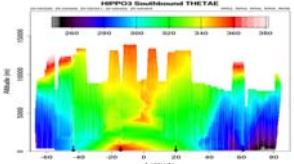
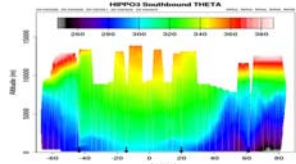
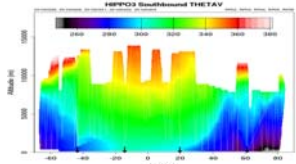
Northbound

[APO_AO2.txt](#)[ATX.txt](#)[BC_ng_kg.txt](#)[CH4_CCG_m CH4_QCLS.txt](#)[CH4_CCG.txt](#)[CH4_QCLS.txt](#)[CH4_UGC_m CH4_QCLS.txt](#)[CH4_UGC.txt](#)[CO2_AO2_dtr.txt](#)[CO2_AO2_m CO2_QCLS.txt](#)

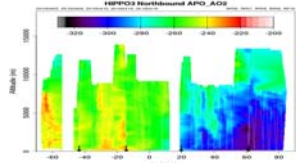
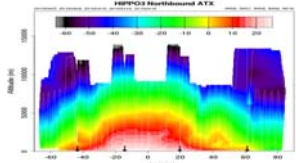
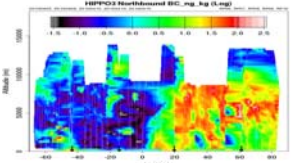
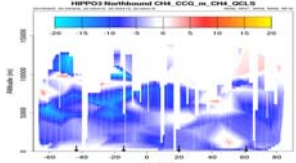
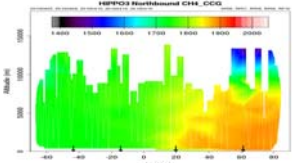
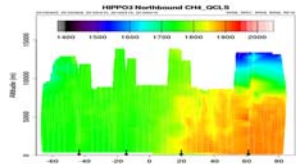
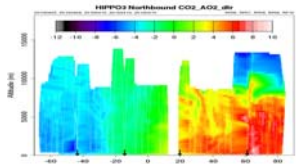
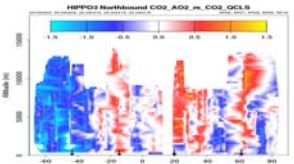
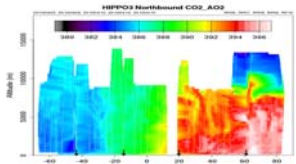
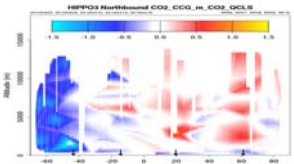
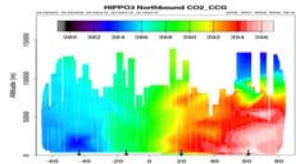
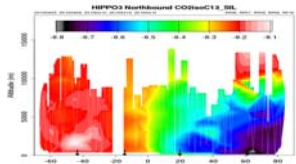
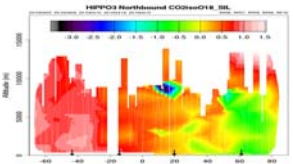
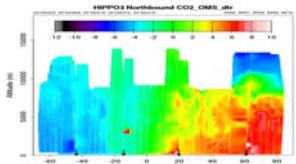
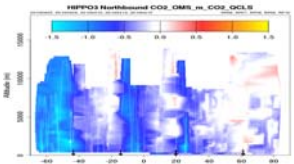
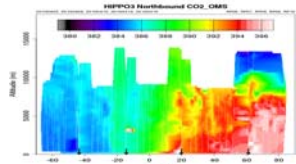
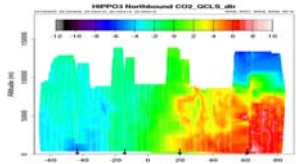
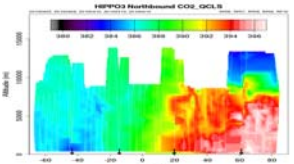
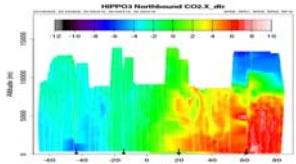
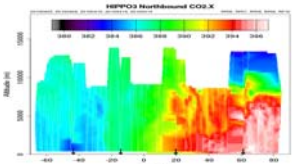
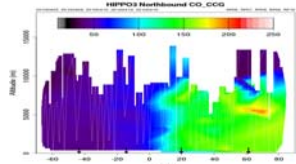
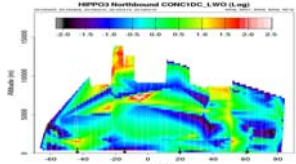
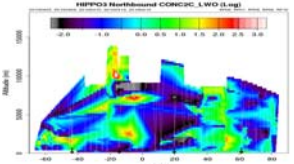
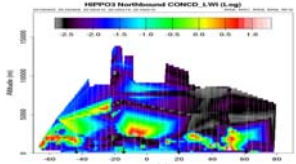
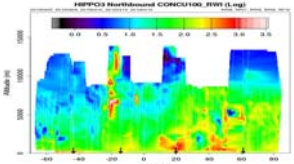
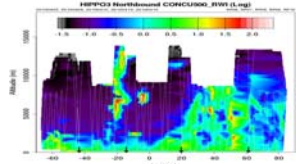
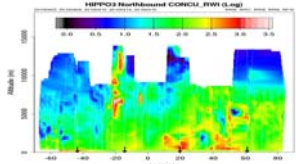
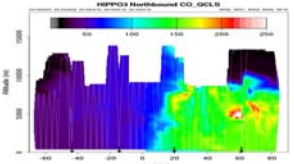
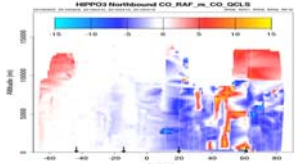
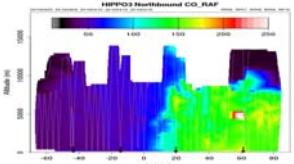
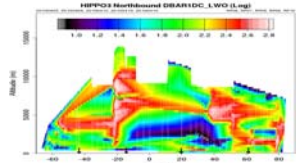
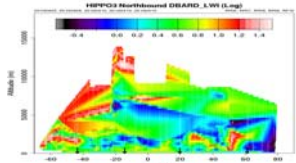
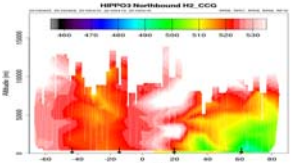
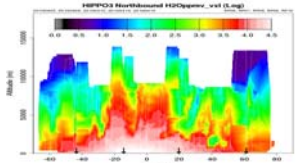
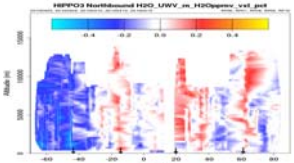


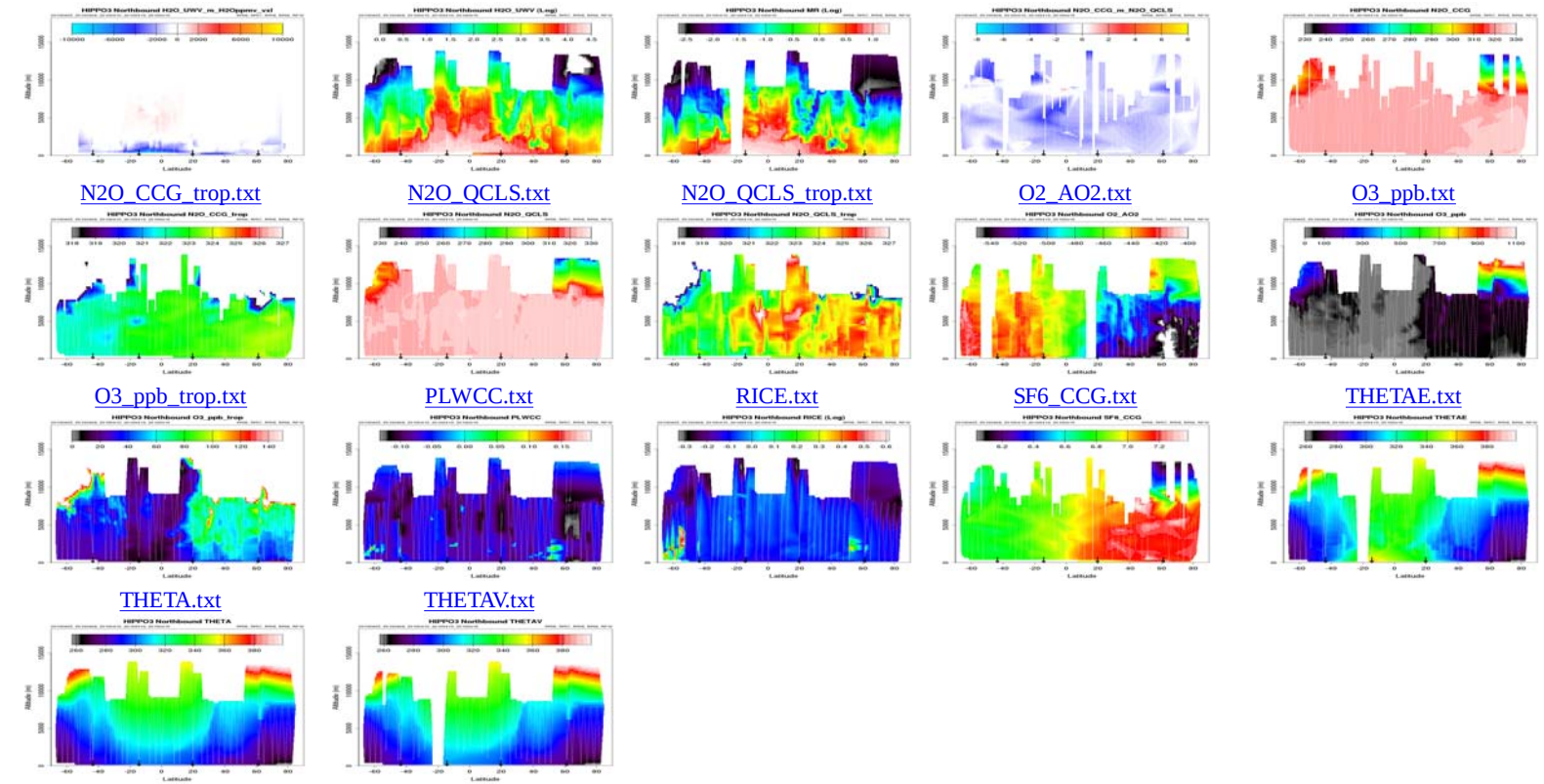
Southbound

[APO_AO2.txt](#)[ATX.txt](#)[BC_ng_kg.txt](#)[CH4_CCG_m_CH4_QCLS.txt](#)[CH4_CCG.txt](#)[CH4_QCLS.txt](#)[CO2_AO2_dtr.txt](#)[CO2_AO2_m_CO2_QCLS.txt](#)[CO2_AO2.txt](#)[CO2_CCG_m_CO2_QCLS.txt](#)[CO2_CCG.txt](#)[CO2isoC13_SIL.txt](#)[CO2isoO18_SIL.txt](#)[CO2_OMS_dtr.txt](#)[CO2_OMS_m_CO2_QCLS.txt](#)[CO2_OMS.txt](#)[CO2_QCLS_dtr.txt](#)[CO2_QCLS.txt](#)[CO2.X_dtr.txt](#)[CO2.X.txt](#)[CO_CCG.txt](#)[CONC1DC_LWO.txt](#)[CONC2C_LWO.txt](#)[CONCD_LWI.txt](#)[CONCU100_RWI.txt](#)[CONCU500_RWI.txt](#)[CONCU_RWI.txt](#)[CO_QCLS.txt](#)[CO_RAF_m_CO_QCLS.txt](#)[CO_RAF.txt](#)[DBAR1DC_LWO.txt](#)[DBARD_LWI.txt](#)[H2_CCG.txt](#)[H2Oppmv_vxl.txt](#)[H2O_UWV_m_H2Oppmv_vxl_pct.txt](#)[H2O_UWV_m_H2Oppmv_vxl.txt](#)[H2O_UWV.txt](#)[MR.txt](#)[N2O_CCG_m_N2O_QCLS.txt](#)[N2O_CCG.txt](#)[N2O_CCG_trop.txt](#)[N2O_QCLS.txt](#)[N2O_QCLS_trop.txt](#)[O2_AO2.txt](#)[O3_ppb.txt](#)

[O3_ppb_trop.txt](#)[PLWCC.txt](#)[RICE.txt](#)[SF6_CCG.txt](#)[THETA.txt](#)[THETA.txt](#)[THETA.txt](#)

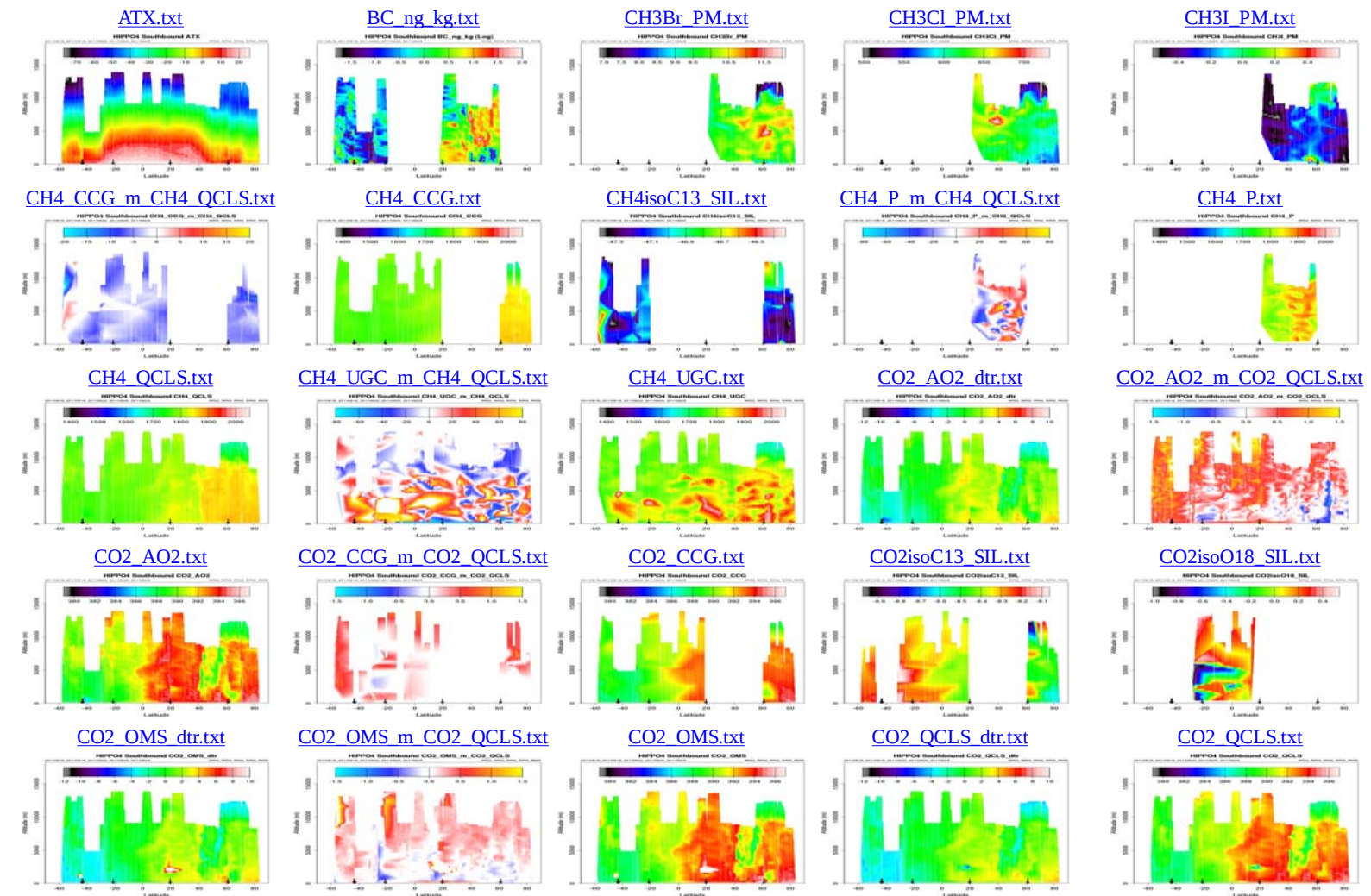
Northbound

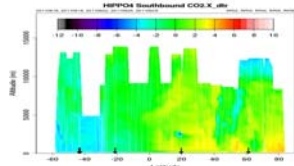
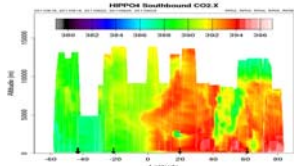
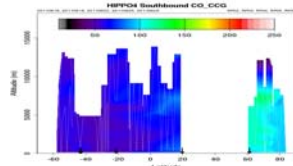
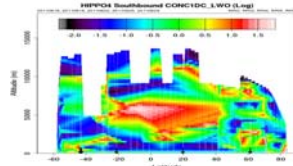
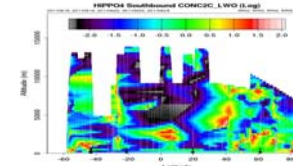
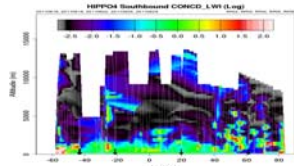
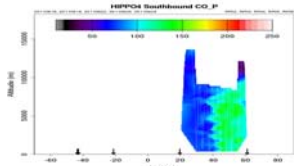
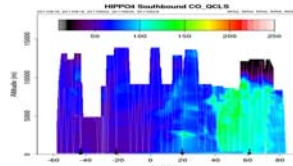
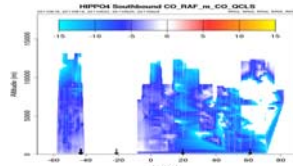
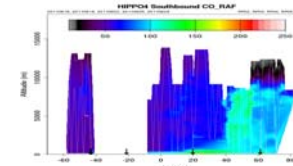
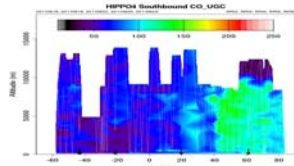
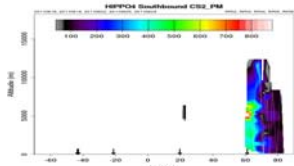
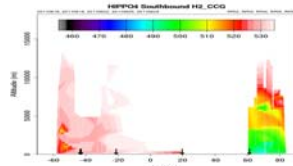
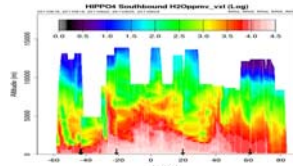
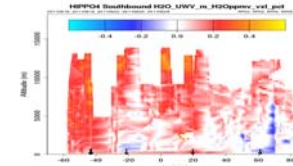
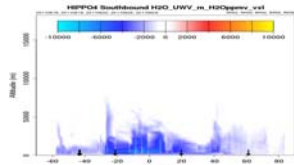
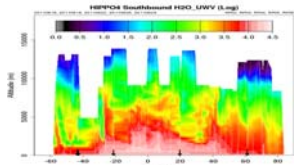
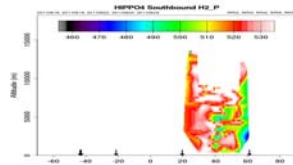
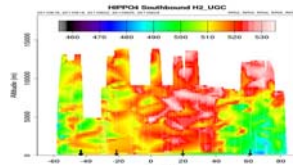
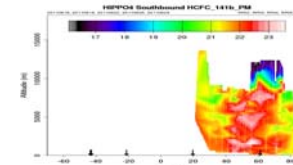
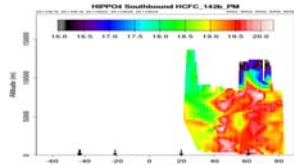
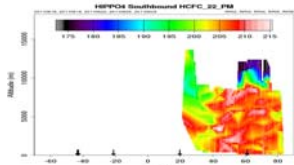
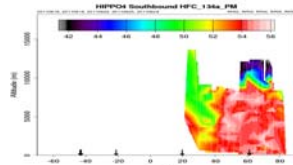
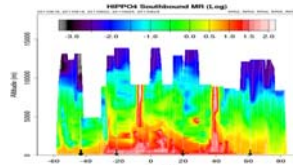
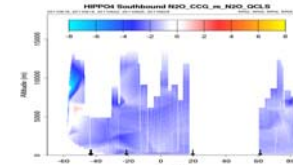
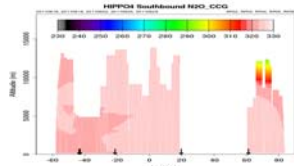
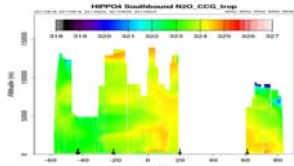
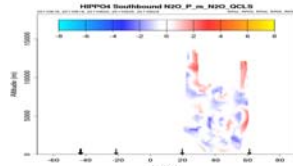
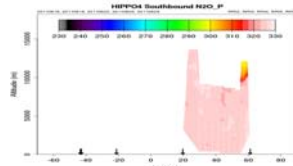
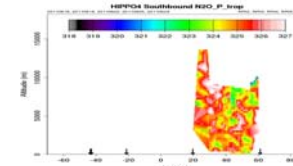
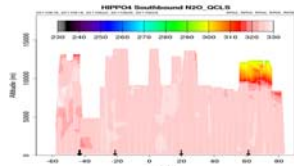
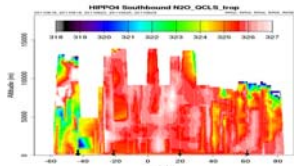
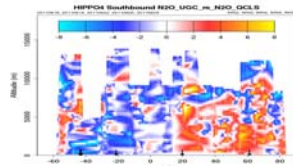
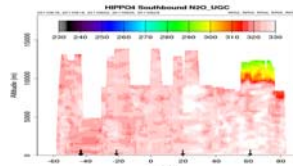
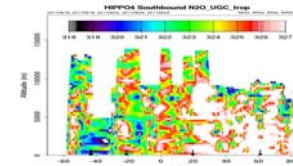
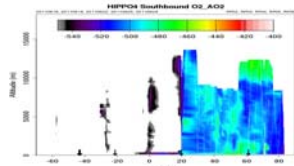
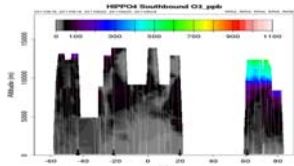
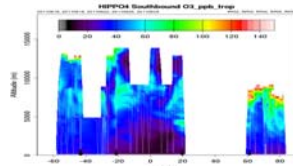
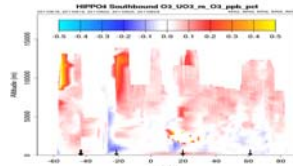
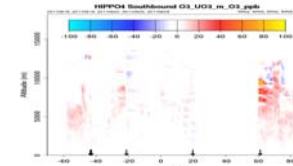
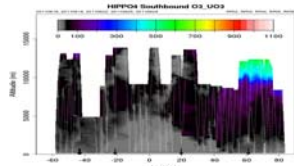
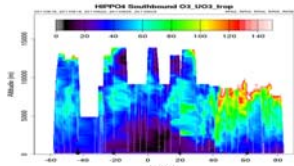
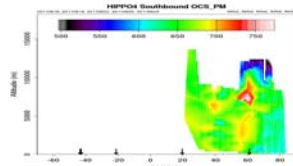
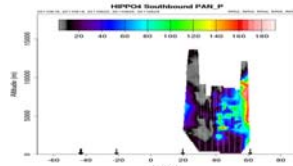
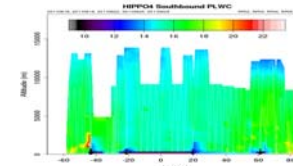
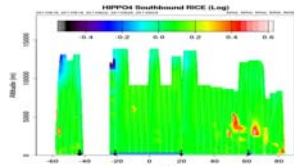
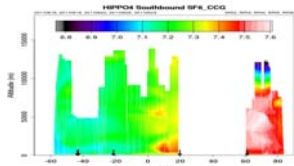
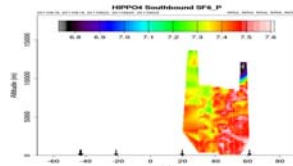
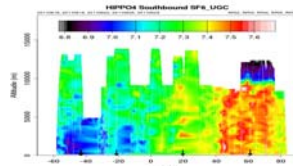
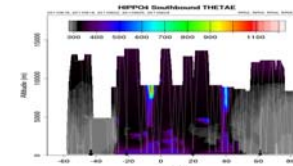
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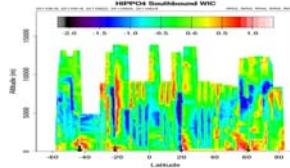
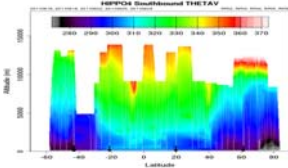
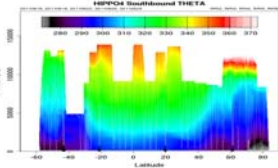


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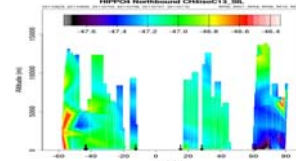
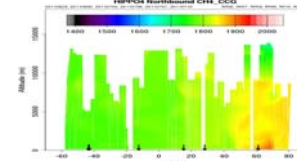
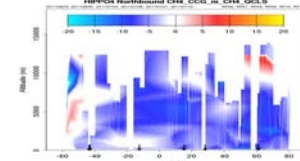
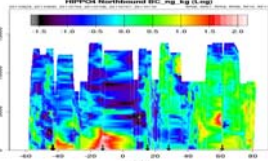
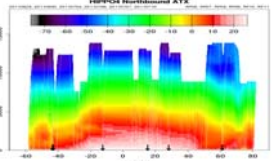
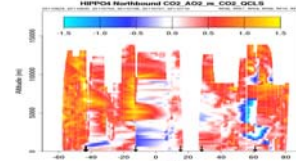
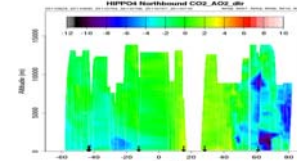
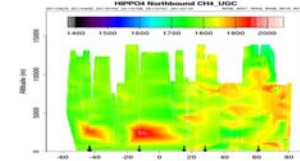
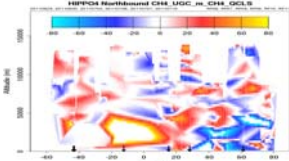
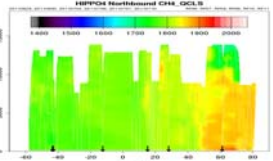
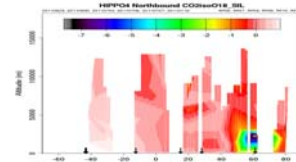
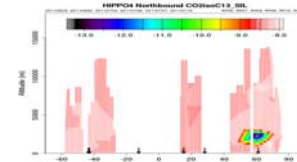
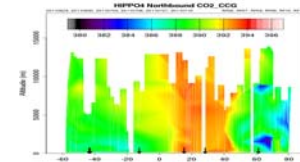
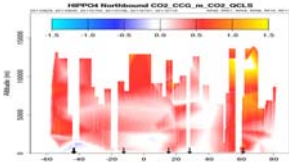
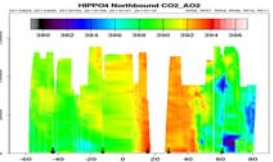
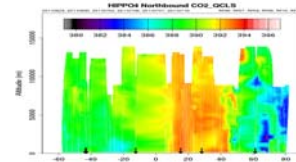
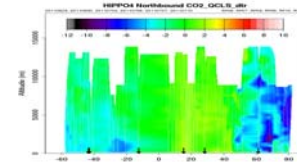
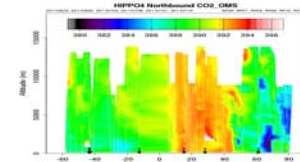
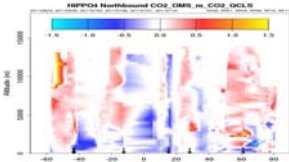
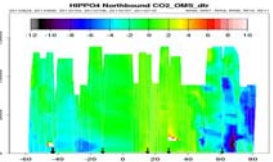
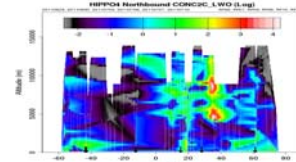
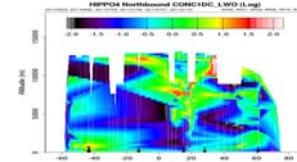
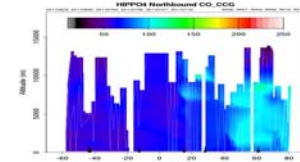
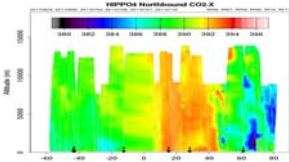
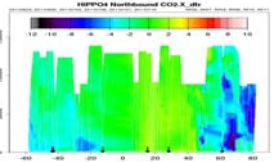
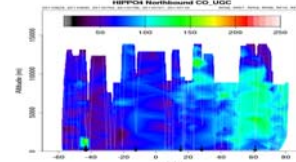
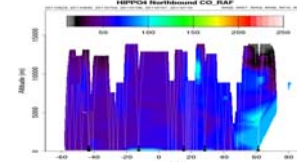
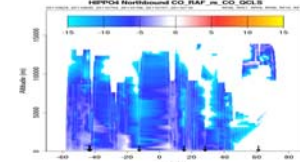
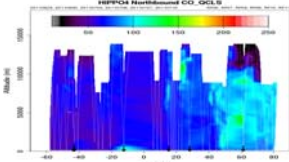
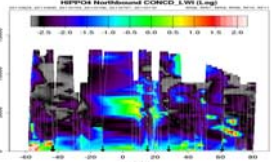
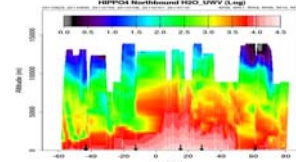
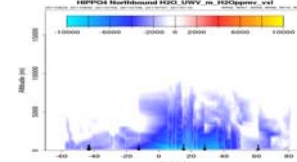
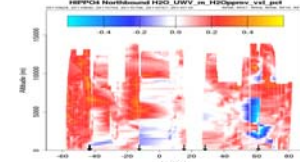
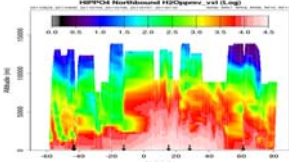
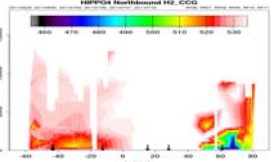
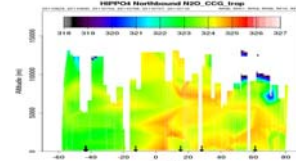
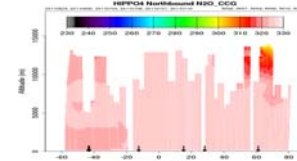
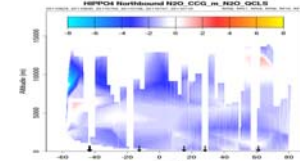
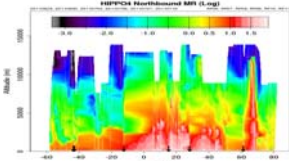
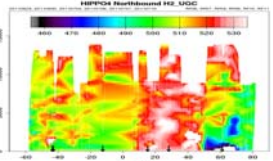
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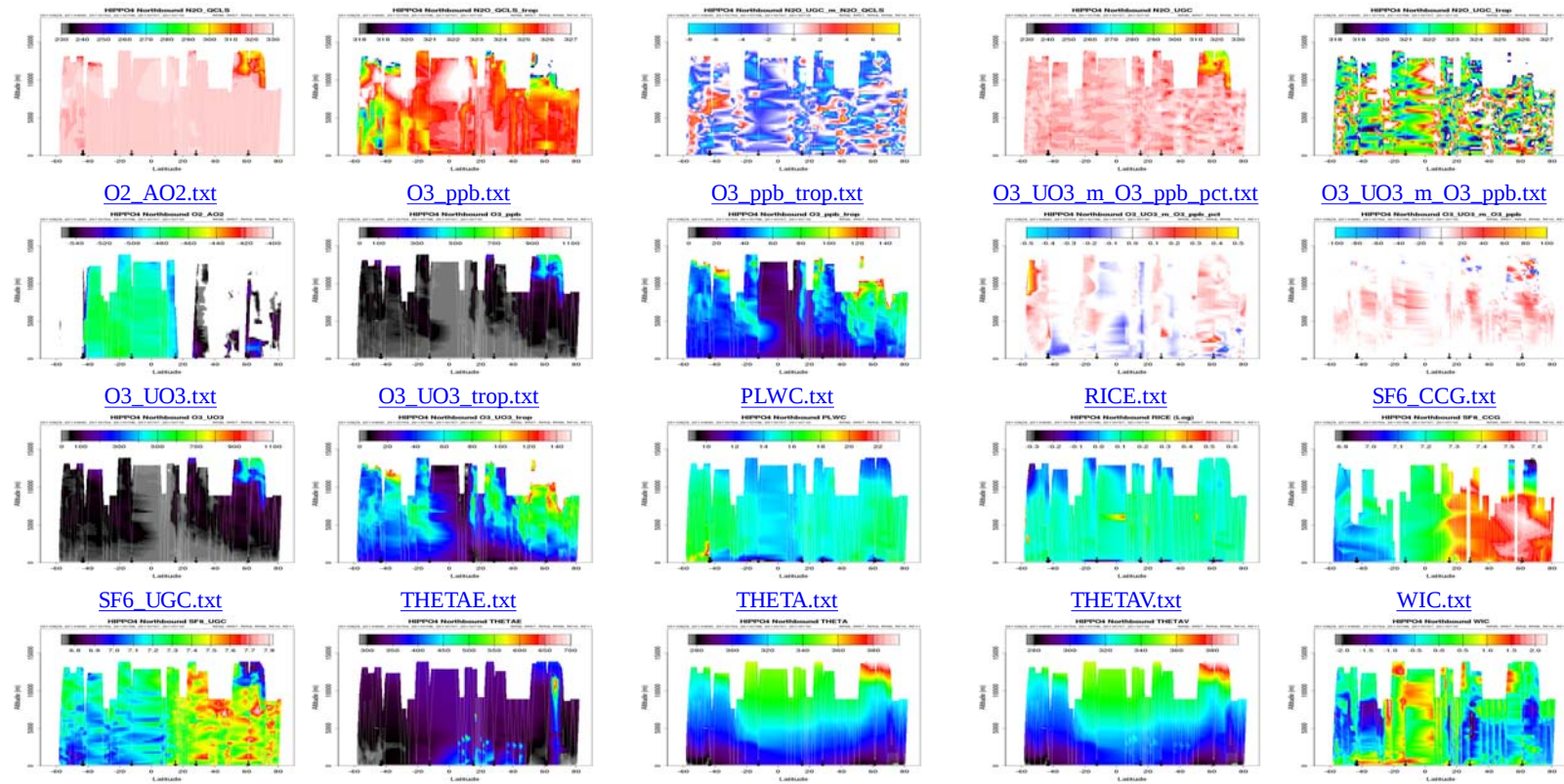


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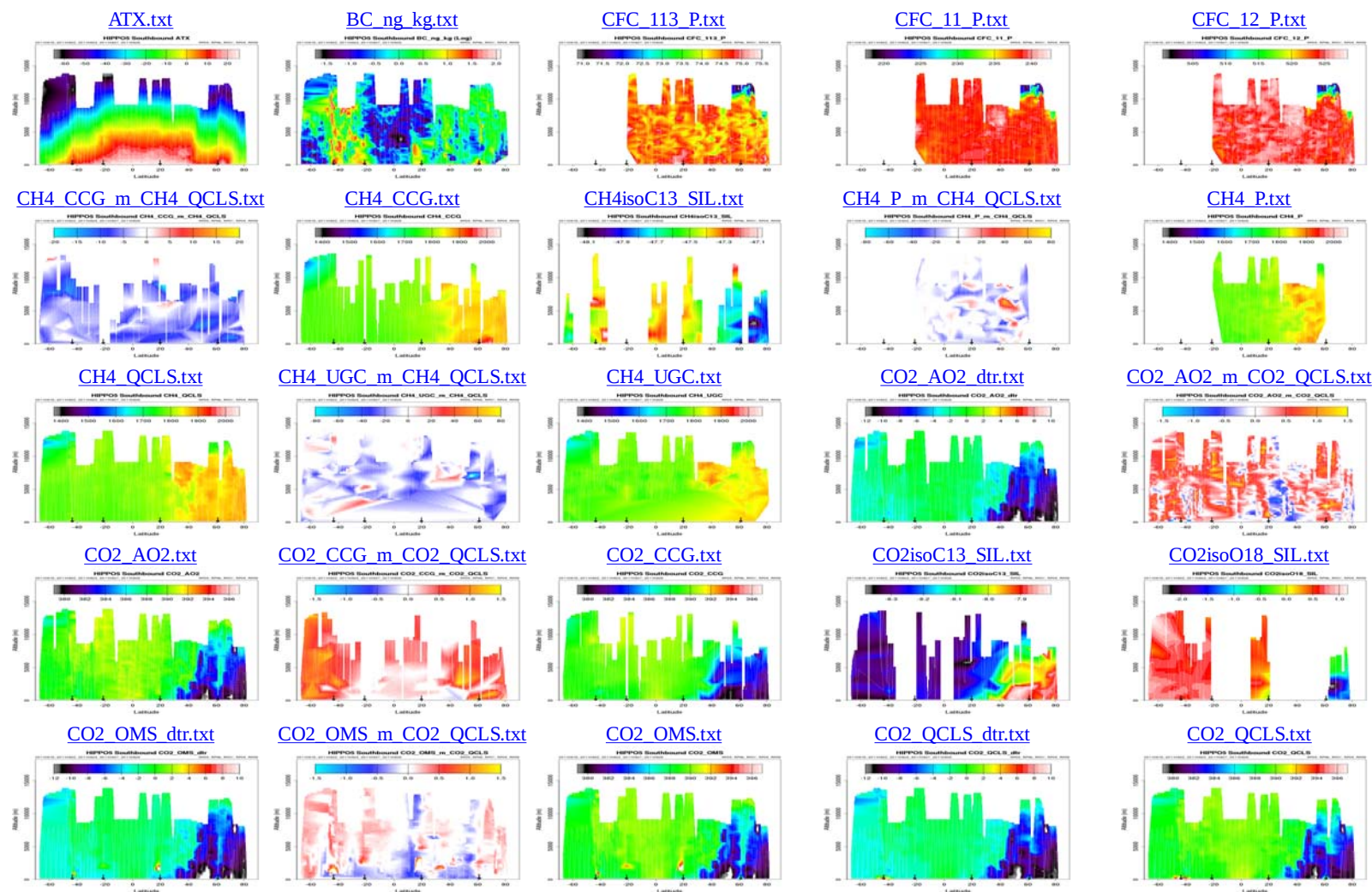
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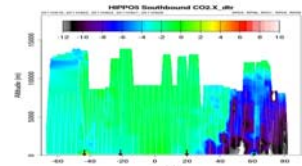
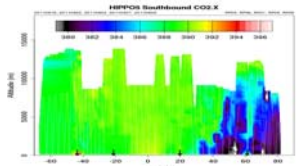
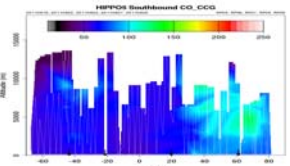
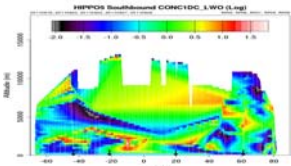
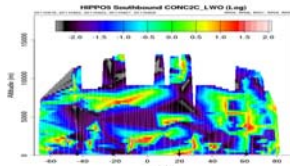
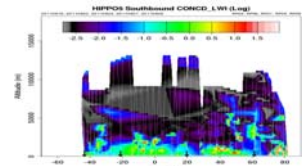
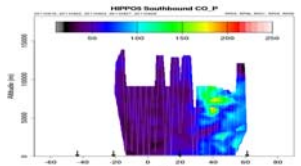
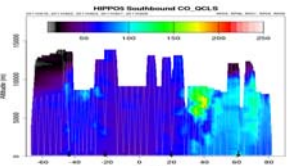
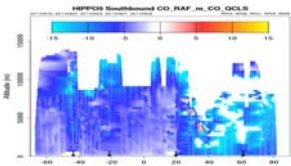
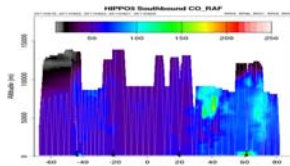
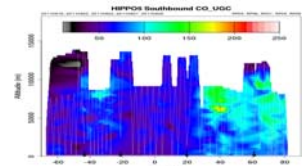
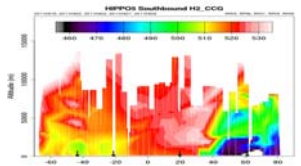
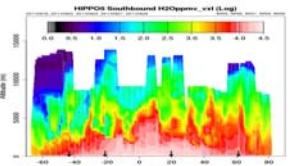
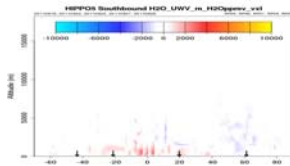
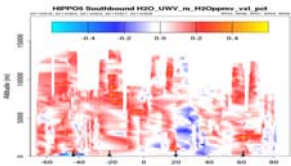
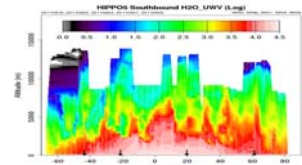
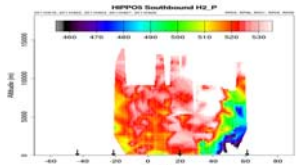
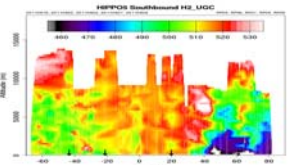
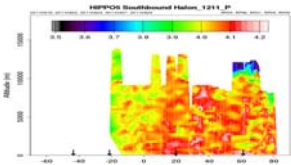
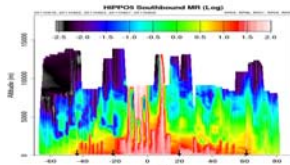
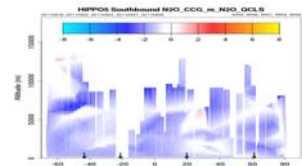
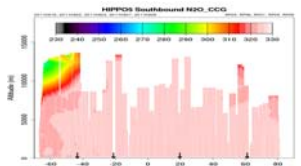
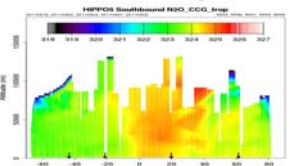
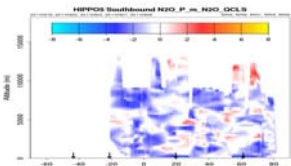
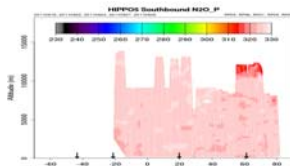
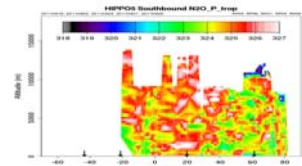
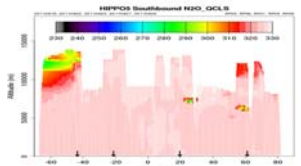
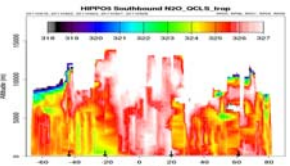
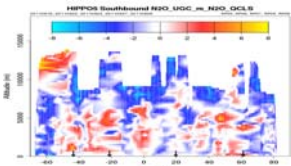
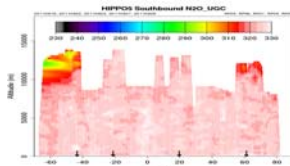
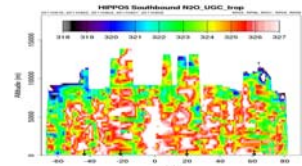
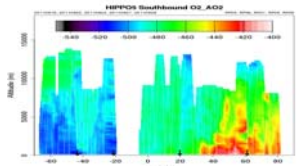
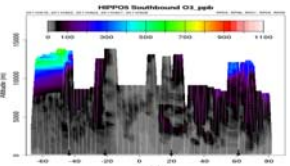
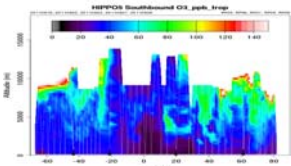
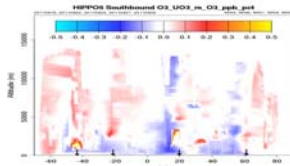
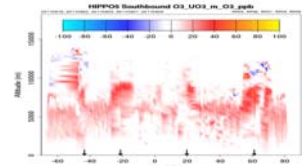
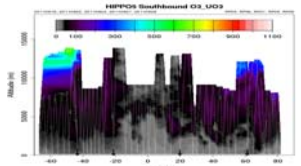
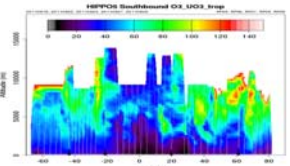
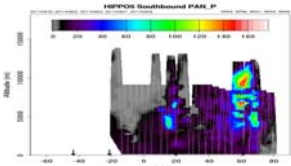
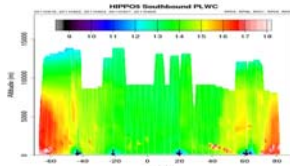
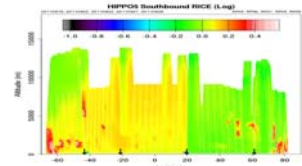
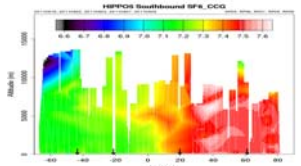
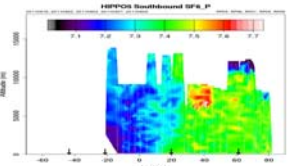
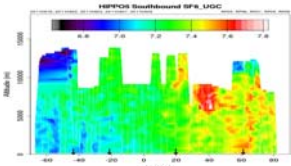
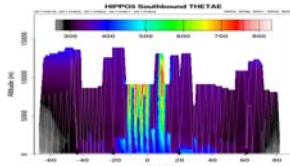
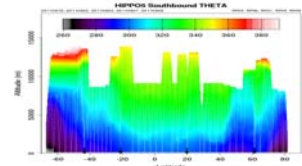
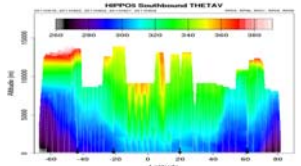
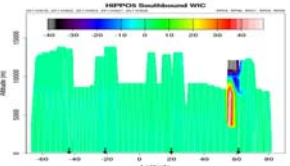
[ATX.txt](#)[BC_ng_kg.txt](#)[CH4 CCG_m CH4 QCLS.txt](#)[CH4 CCG.txt](#)[CH4isoC13_SIL.txt](#)[CH4_QCLS.txt](#)[CH4 UGC_m CH4 QCLS.txt](#)[CH4 UGC.txt](#)[CO2 AO2_dtr.txt](#)[CO2 AO2_m CO2 QCLS.txt](#)[CO2 AO2.txt](#)[CO2 CCG_m CO2 QCLS.txt](#)[CO2 CCG.txt](#)[CO2isoC13_SIL.txt](#)[CO2isoO18_SIL.txt](#)[CO2 OMS_dtr.txt](#)[CO2 OMS_m CO2 QCLS.txt](#)[CO2 OMS.txt](#)[CO2 QCLS_dtr.txt](#)[CO2 QCLS.txt](#)[CO2.X_dtr.txt](#)[CO2.X.txt](#)[CO_CCG.txt](#)[CONC1DC_LWO.txt](#)[CONC2C_LWO.txt](#)[CONCD_LWI.txt](#)[CO_QCLS.txt](#)[CO RAF_m CO QCLS.txt](#)[CO RAF.txt](#)[CO UGC.txt](#)[H2_CCG.txt](#)[H2Oppmv_vxl.txt](#)[H2O UWV_m H2Oppmv_vxl_pct.txt](#)[H2O UWV_m H2Oppmv_vxl.txt](#)[H2O UWV.txt](#)[H2_UGC.txt](#)[MR.txt](#)[N2O CCG_m N2O QCLS.txt](#)[N2O CCG.txt](#)[N2O CCG_trop.txt](#)[N2O_QCLS.txt](#)[N2O_QCLS_trop.txt](#)[N2O UGC_m N2O QCLS.txt](#)[N2O UGC.txt](#)[N2O UGC_trop.txt](#)



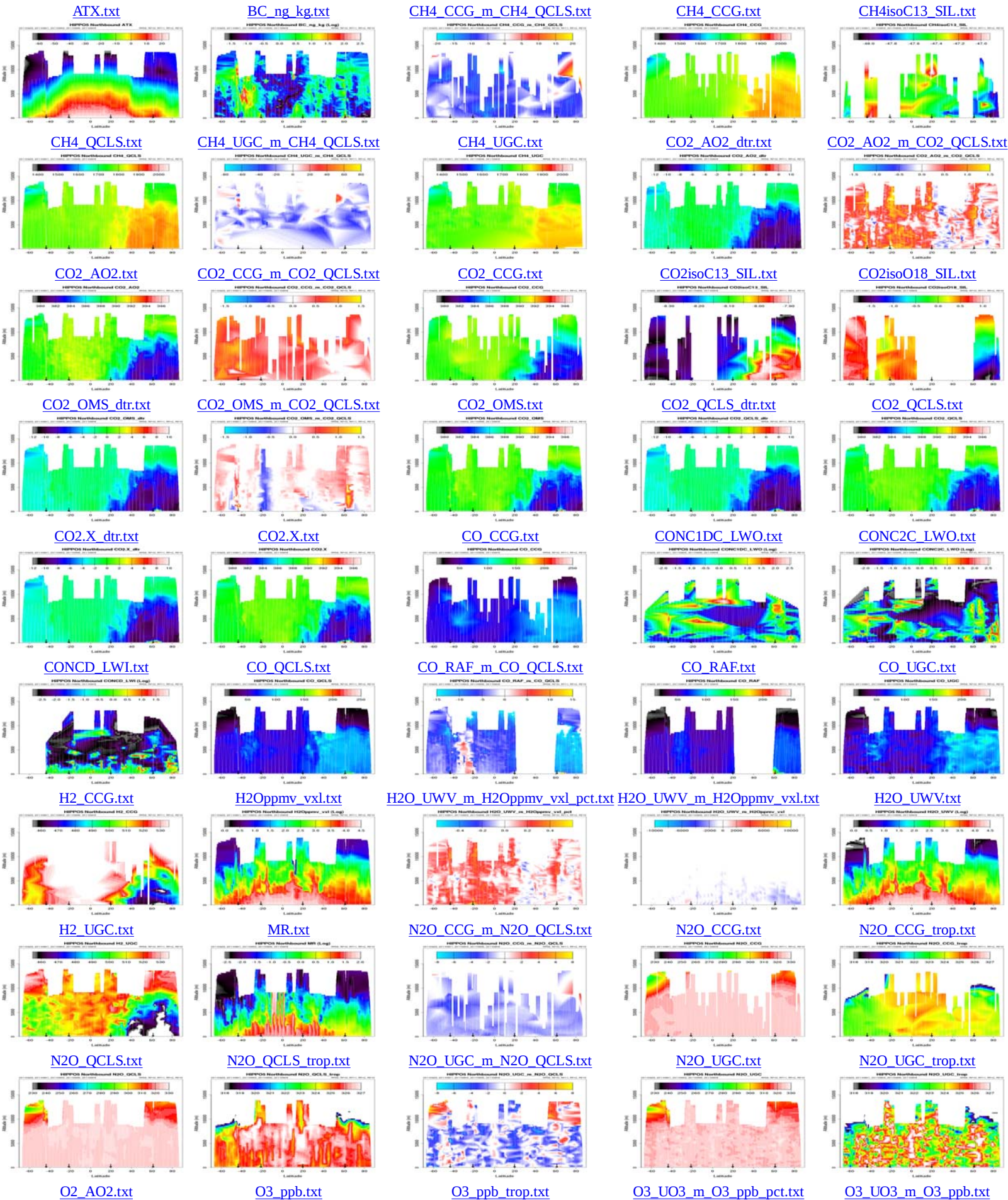
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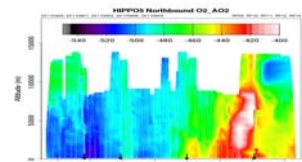
Southbound



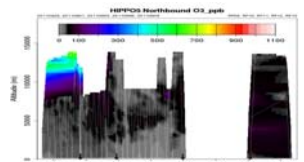
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Northbound

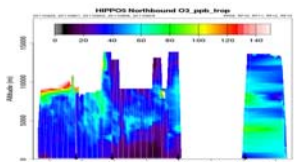




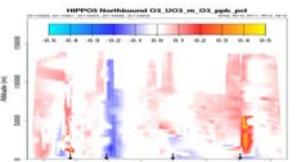
[O3_UO3.txt](#)



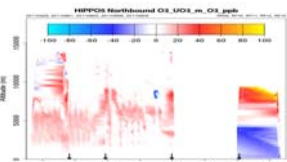
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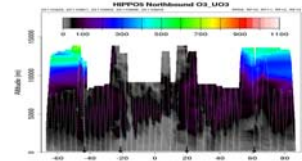
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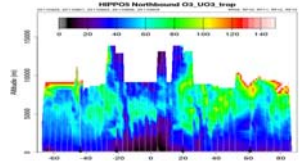
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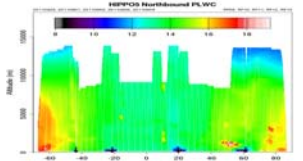
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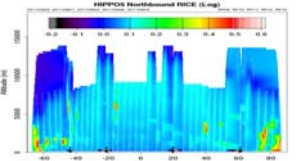
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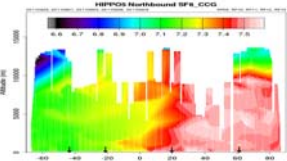
[THETA.txt](#)



[THETA.txt](#)



[THETA.txt](#)



[WIC.txt](#)

