

HIPPO Flight Book



Created by Jasna Pittman¹

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¹ Harvard University, ² National Center for Atmospheric Research, ³ Texas A&M University

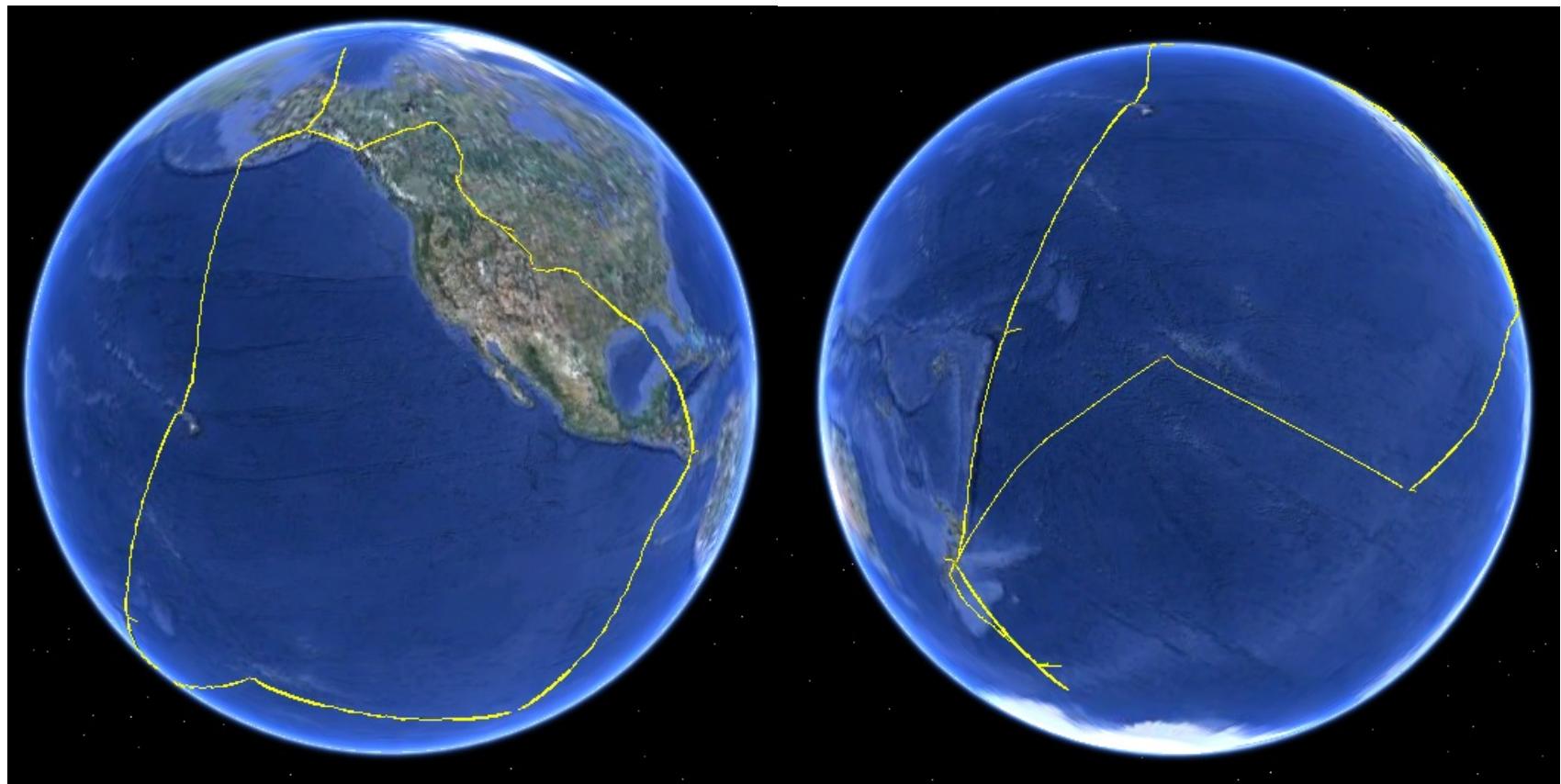
Version 1, February 2011

This book consists of meteorological and geographical information for each HIPPO flight:

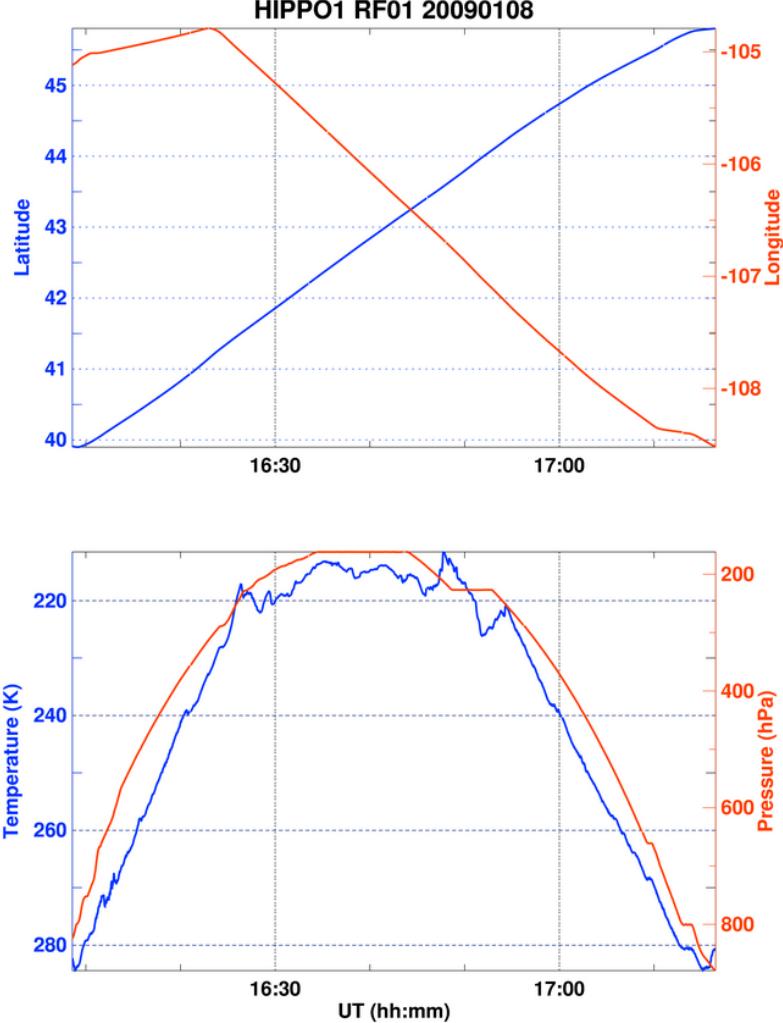
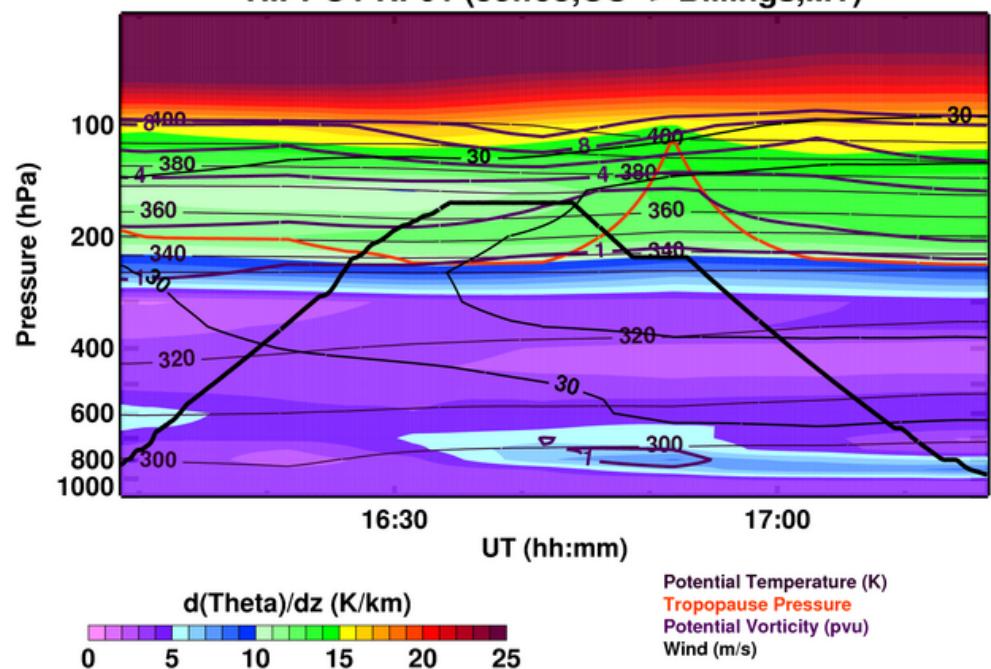
- Time series of latitude, longitude, ambient pressure and temperature from aircraft data.
- Google Earth images of flight path.
- Met field curtains along the flight path using NCEP/GFS fields (26 vertical layers, 6-hr output, 1 x 1 horizontal resolution). 4-D interpolation to aircraft location is used. Missing aircraft data are shown as white blocks.
- Met fields shown are: static stability, winds, potential temperature, potential vorticity, and tropopause pressure.
- GFS higher resolution (47 vertical layers, 0.3125 x 0.3125 horizontal resolution) available for some flights (not shown in this version).

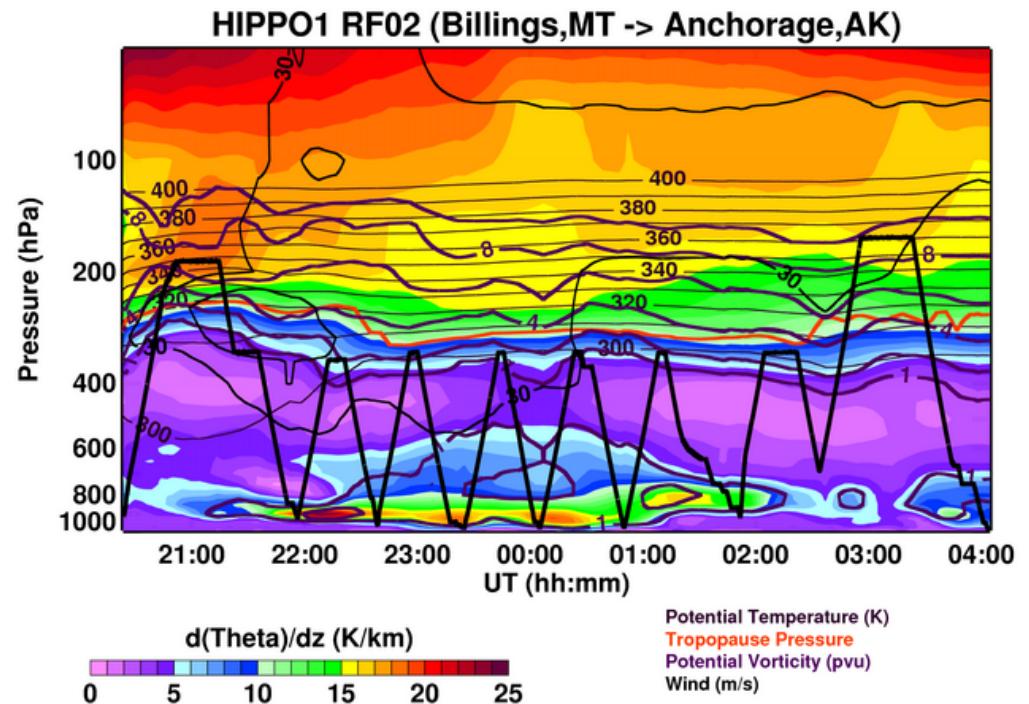
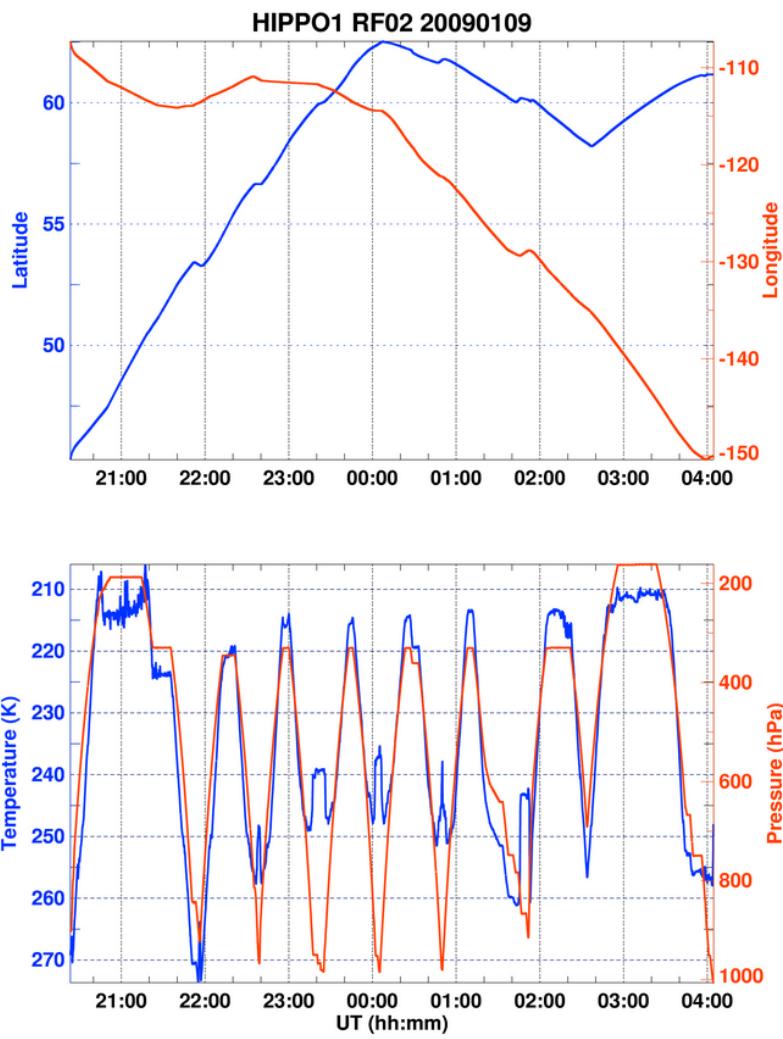
HIPPO-1

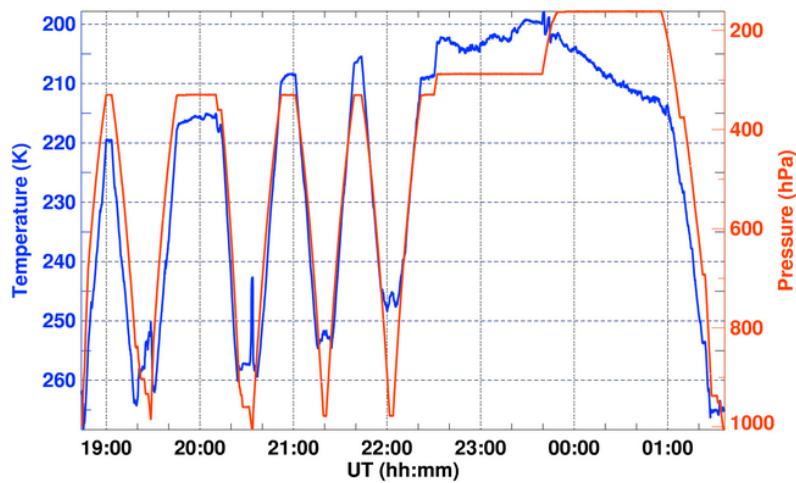
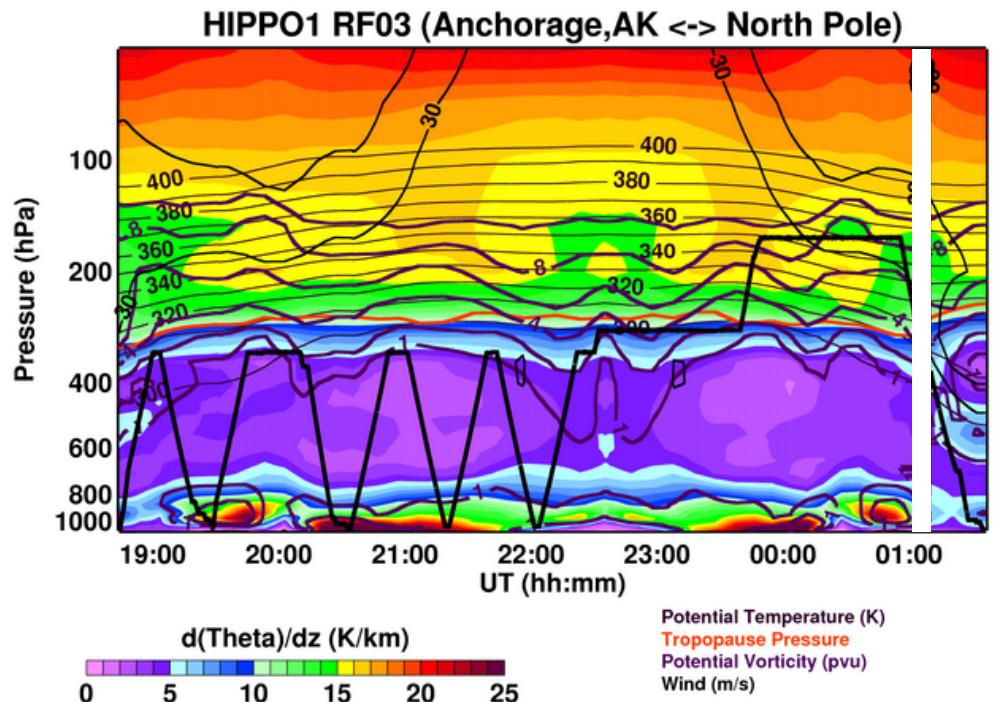
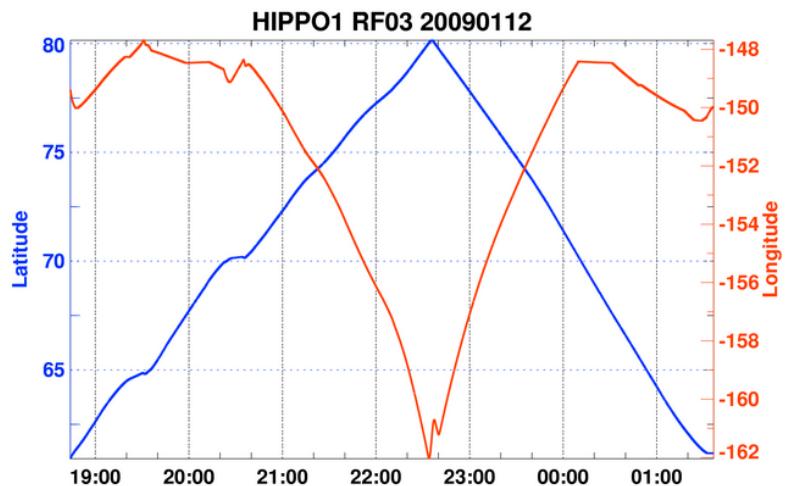
January 2009

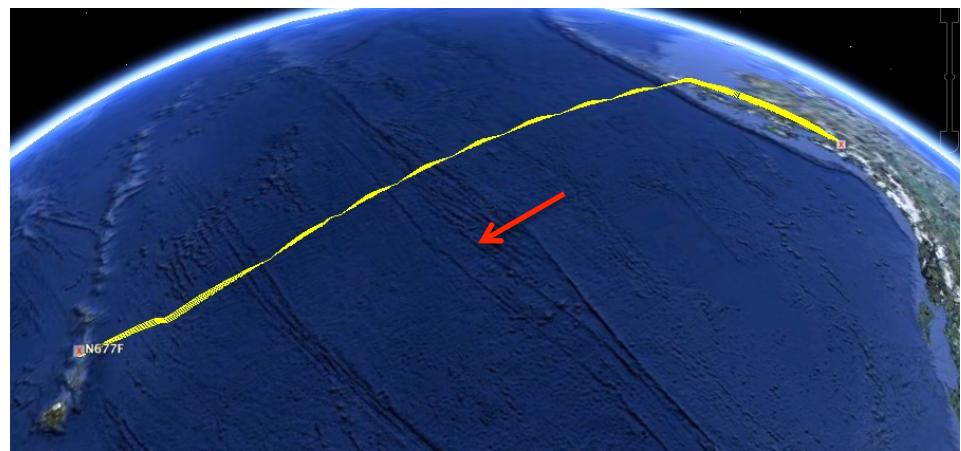
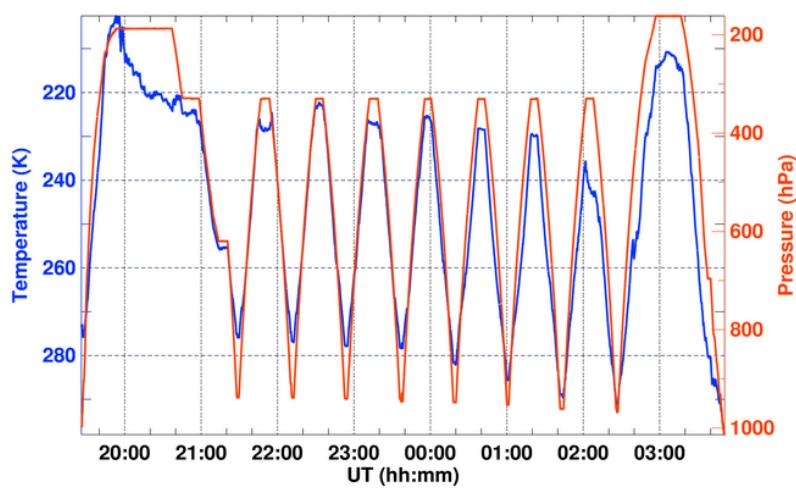
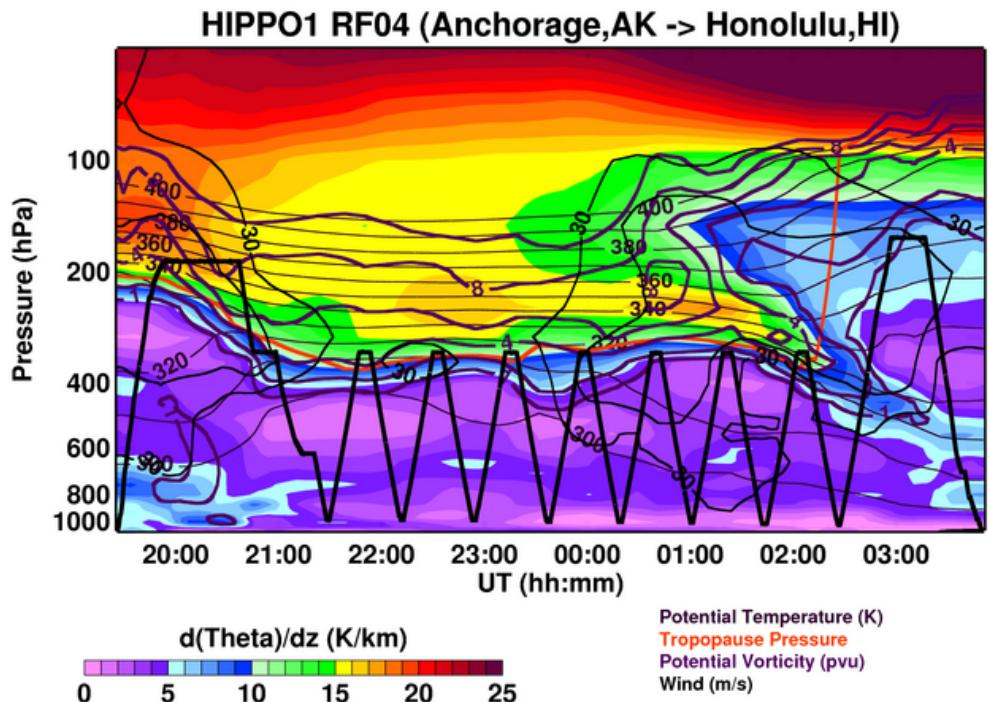
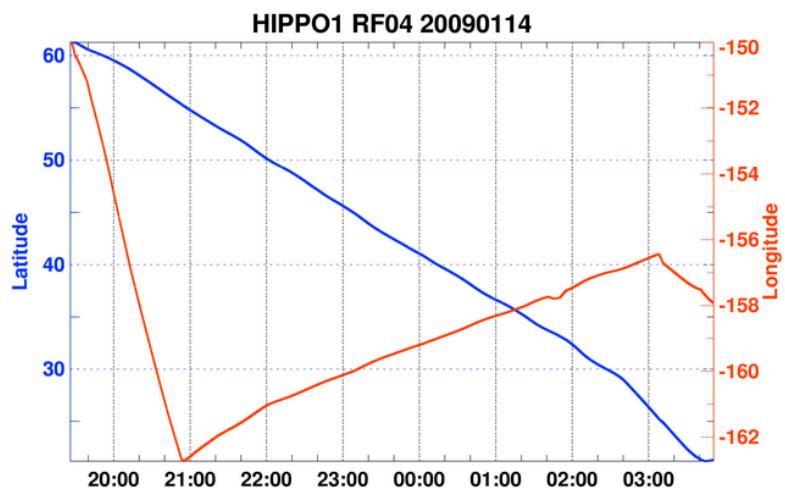


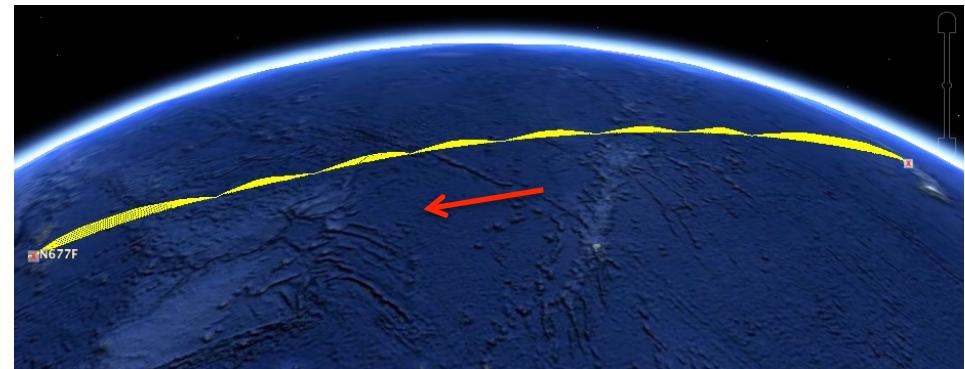
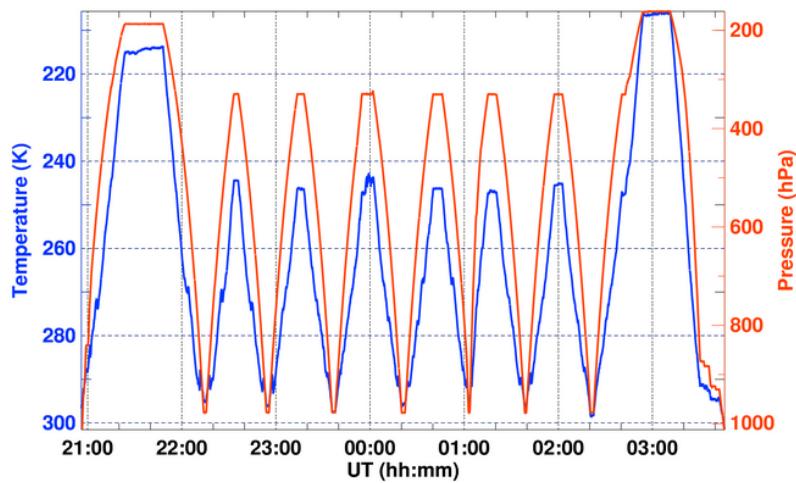
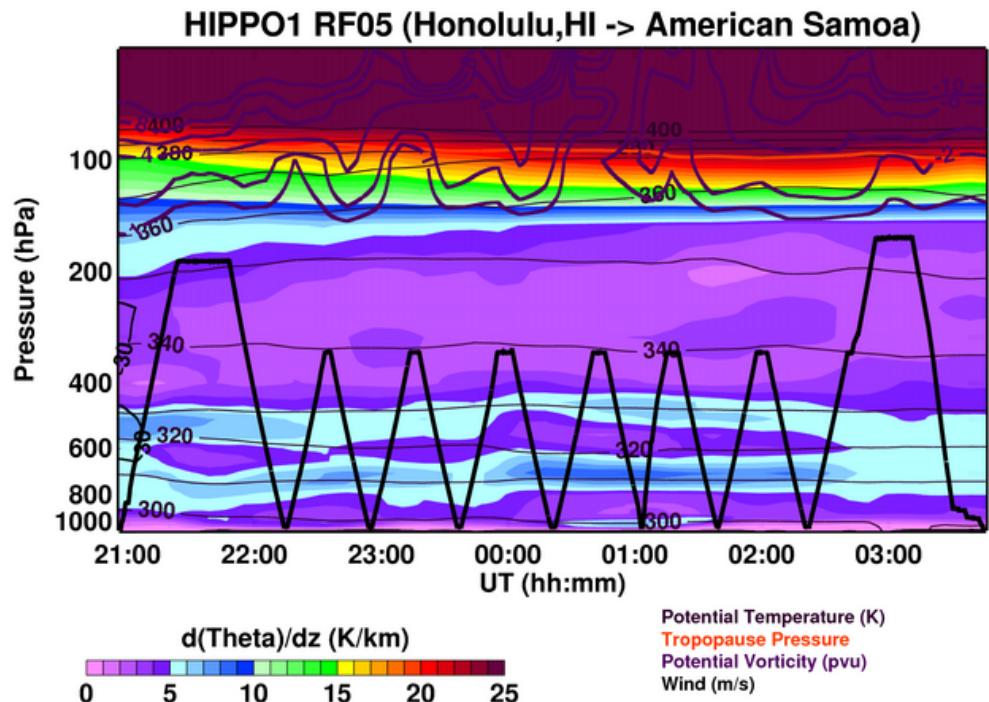
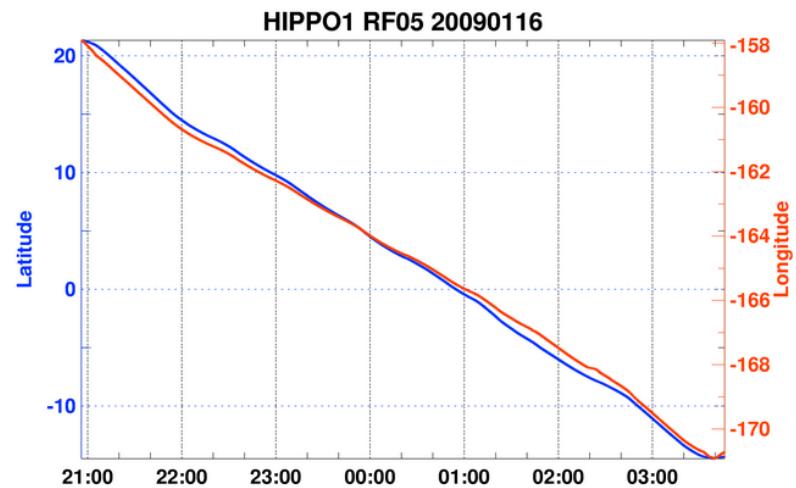
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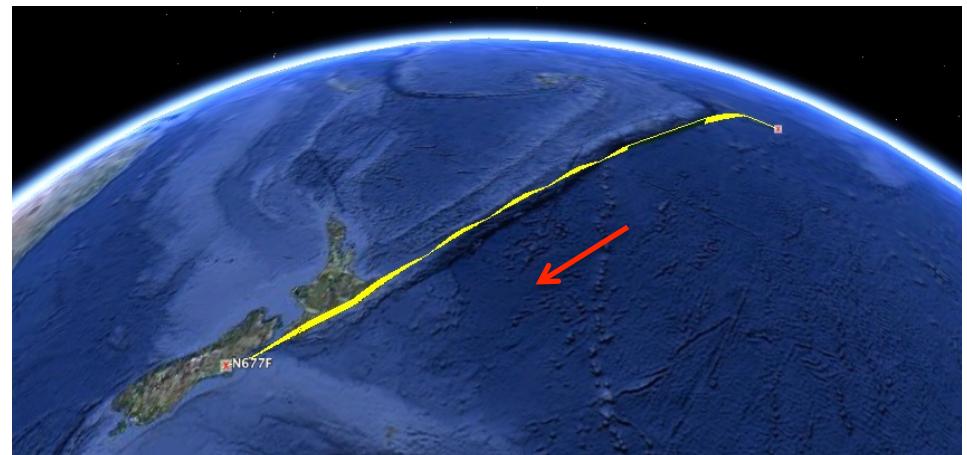
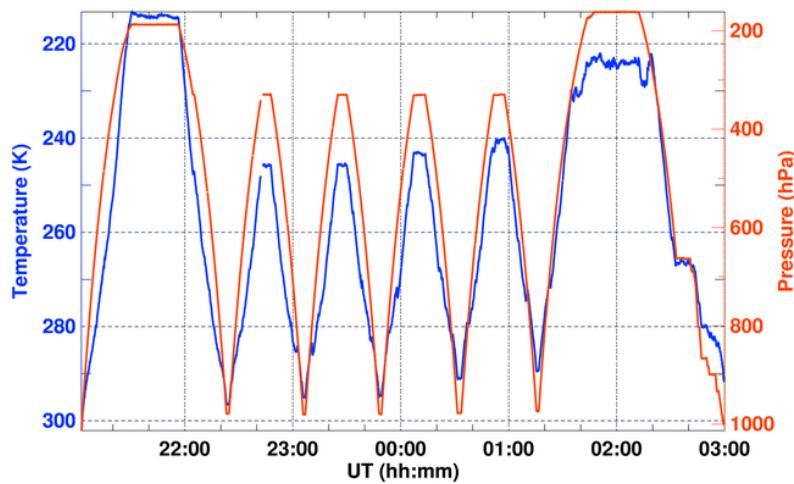
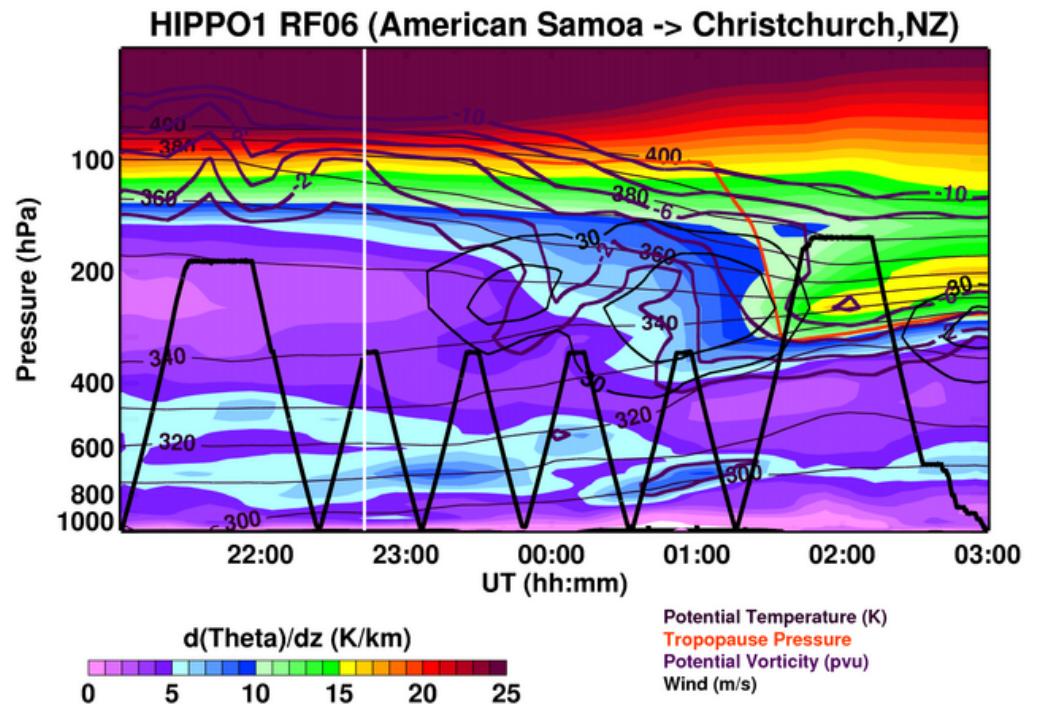
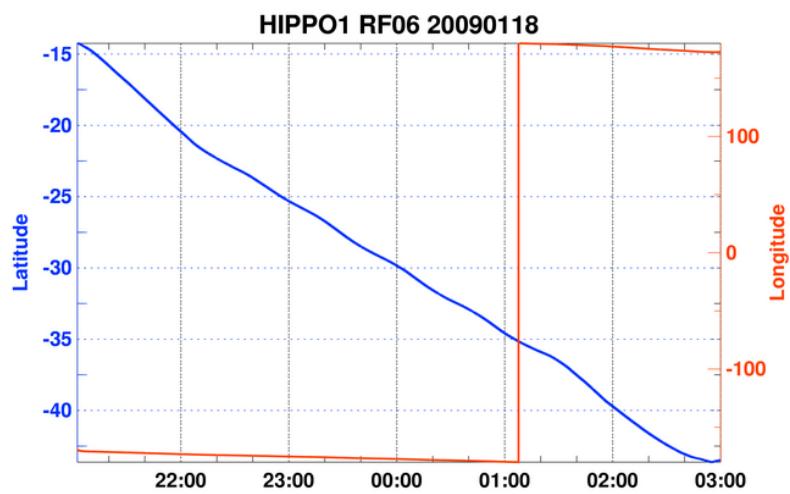


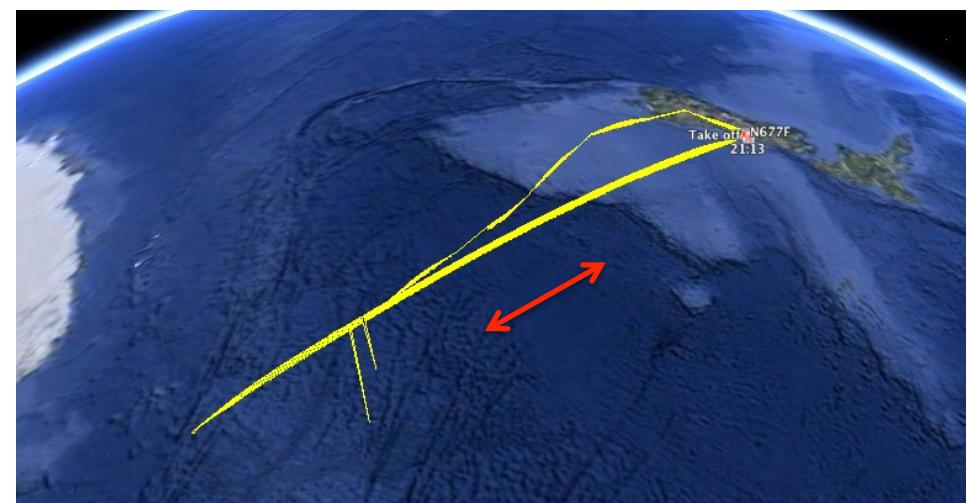
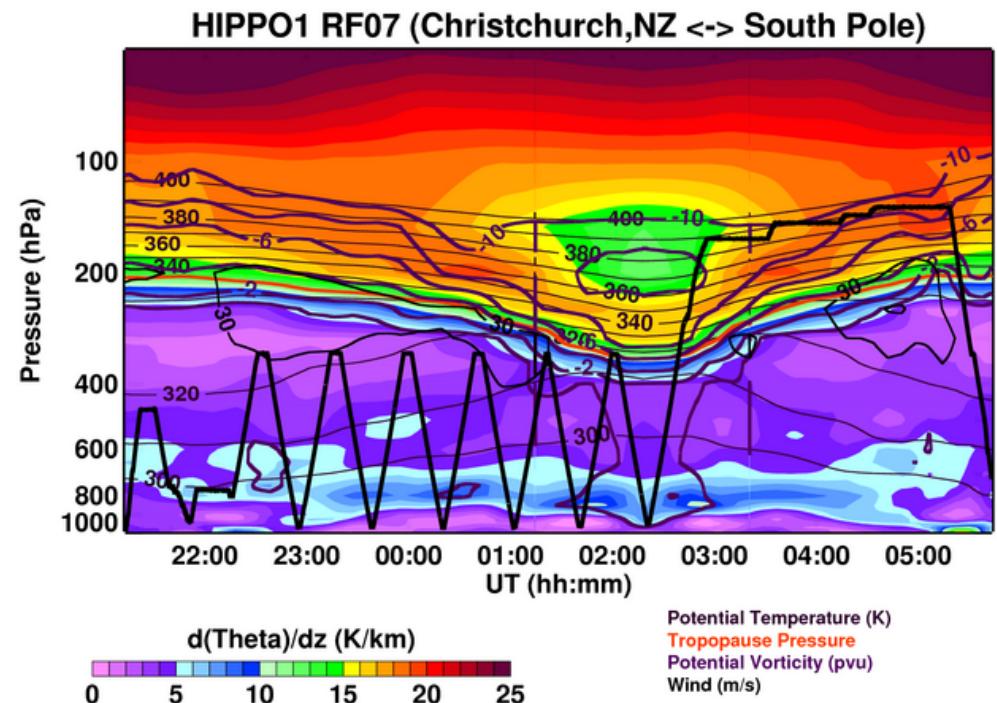
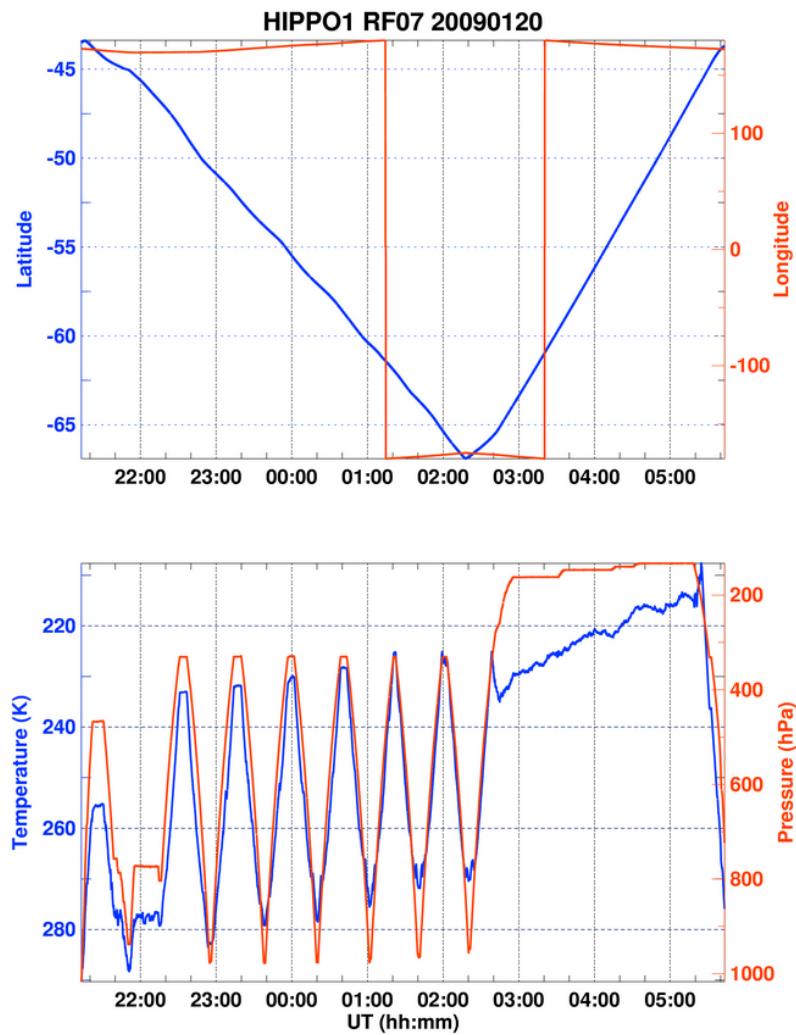


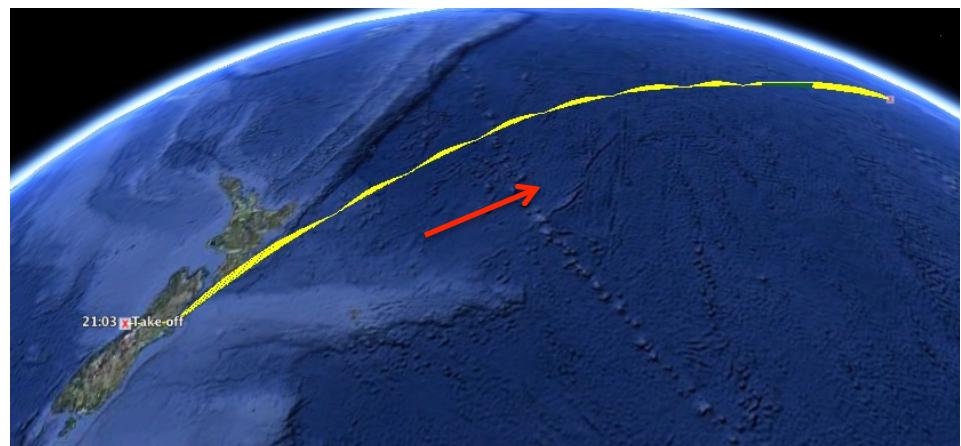
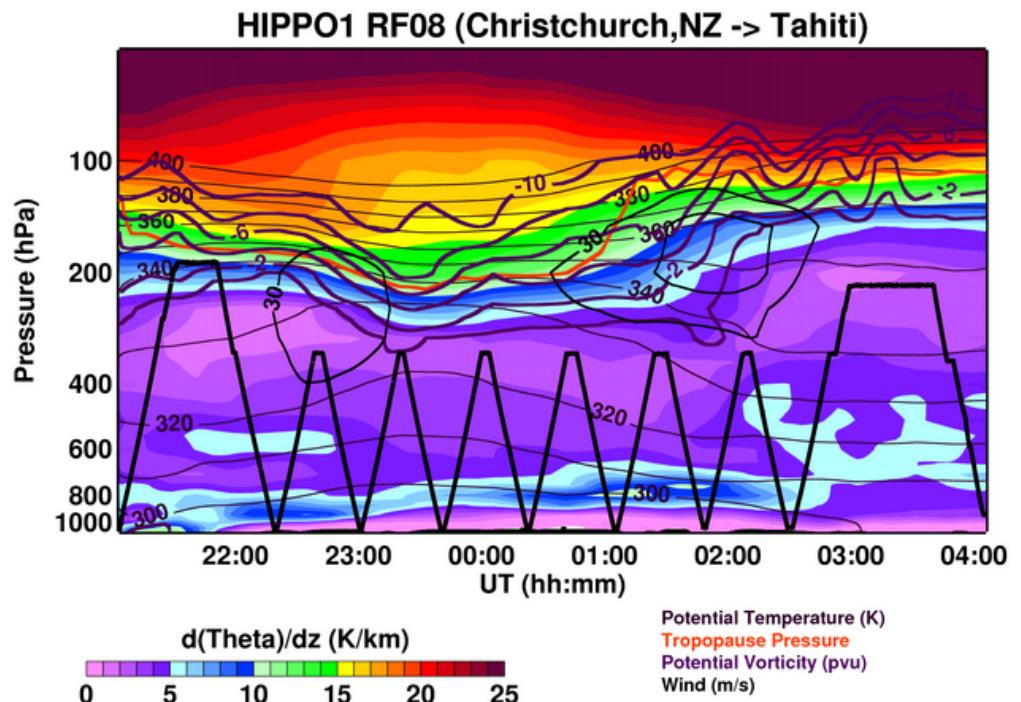
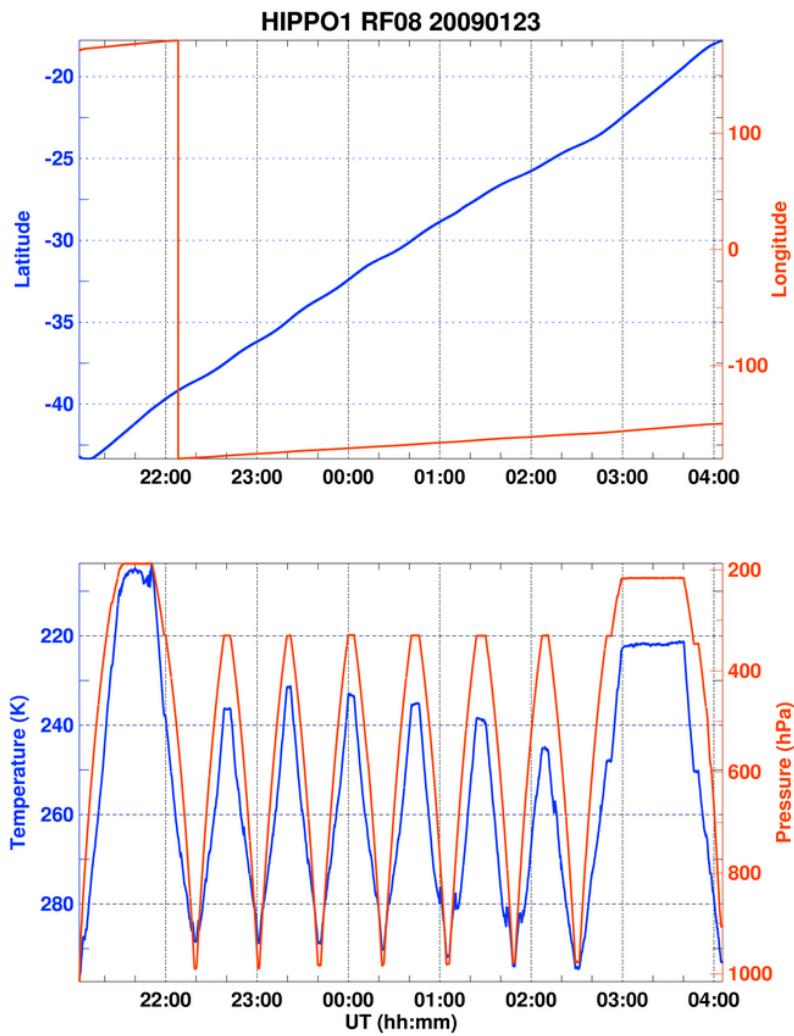


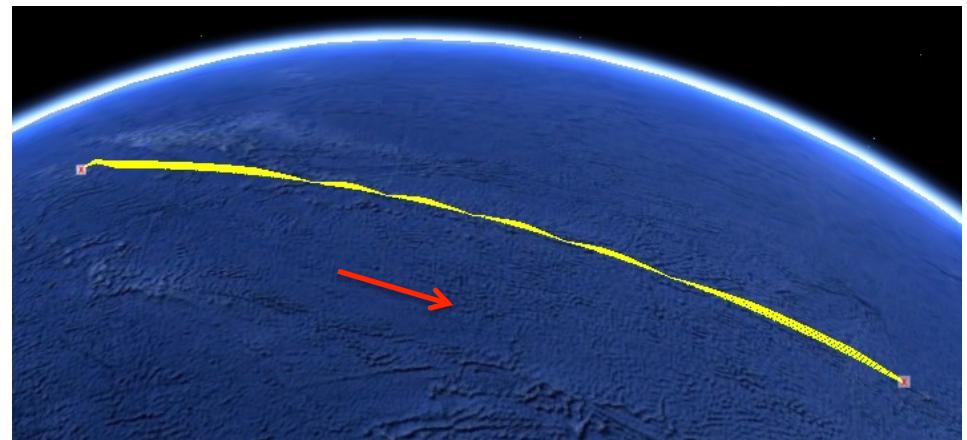
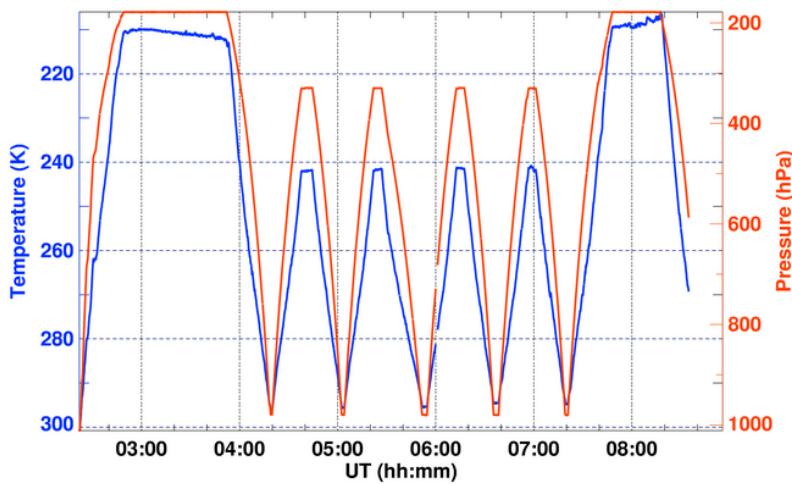
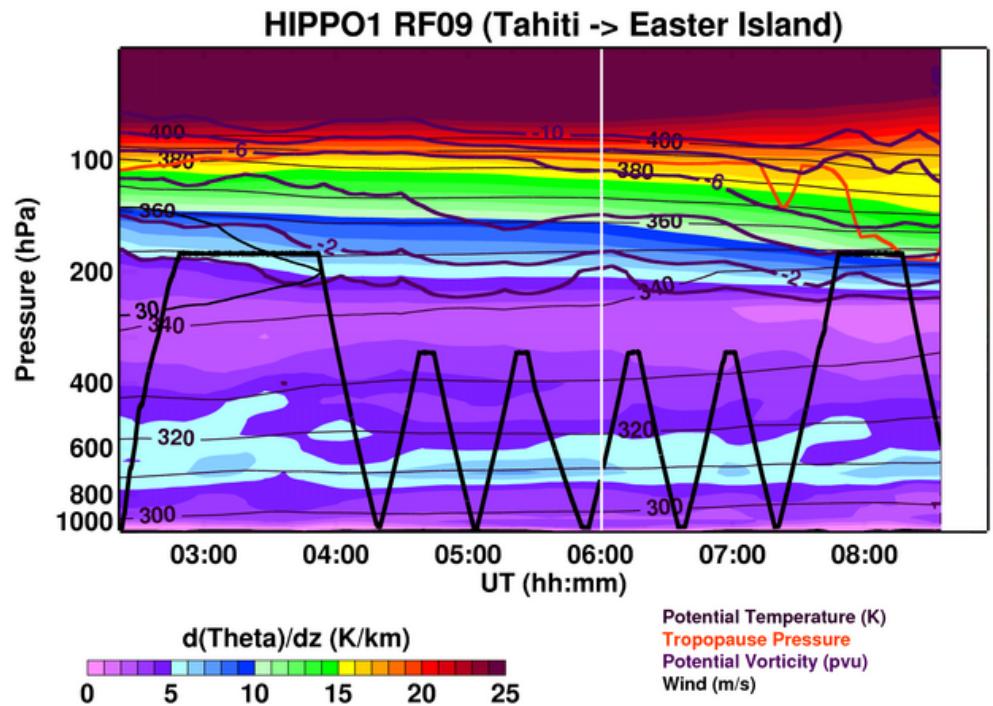
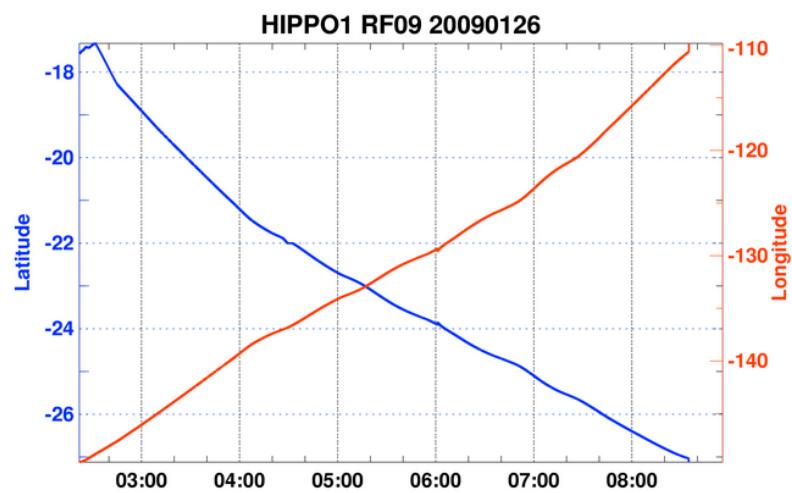


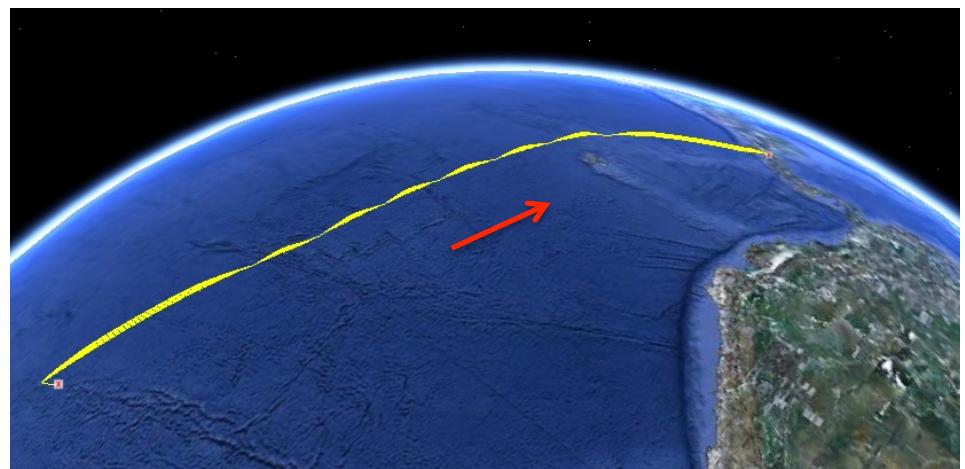
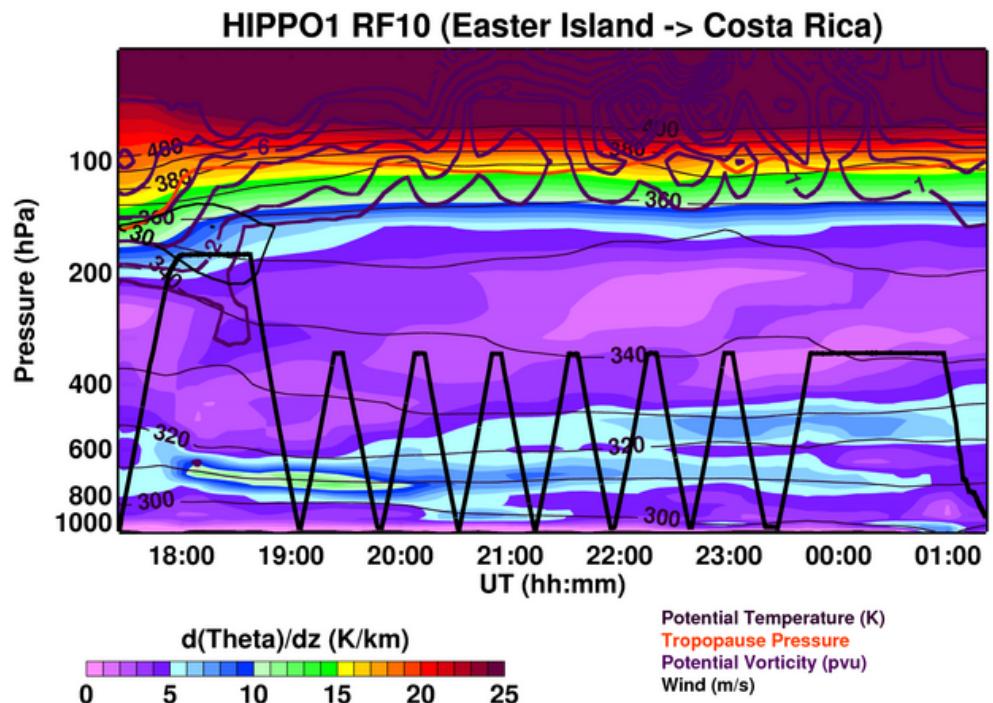
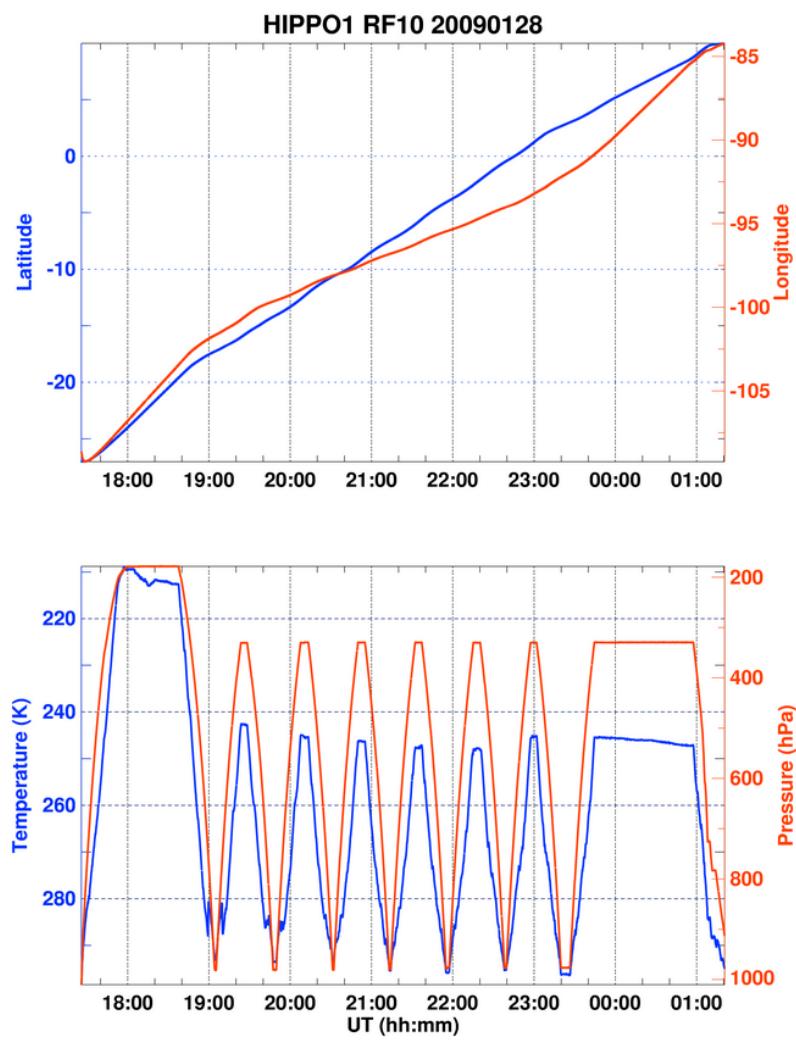


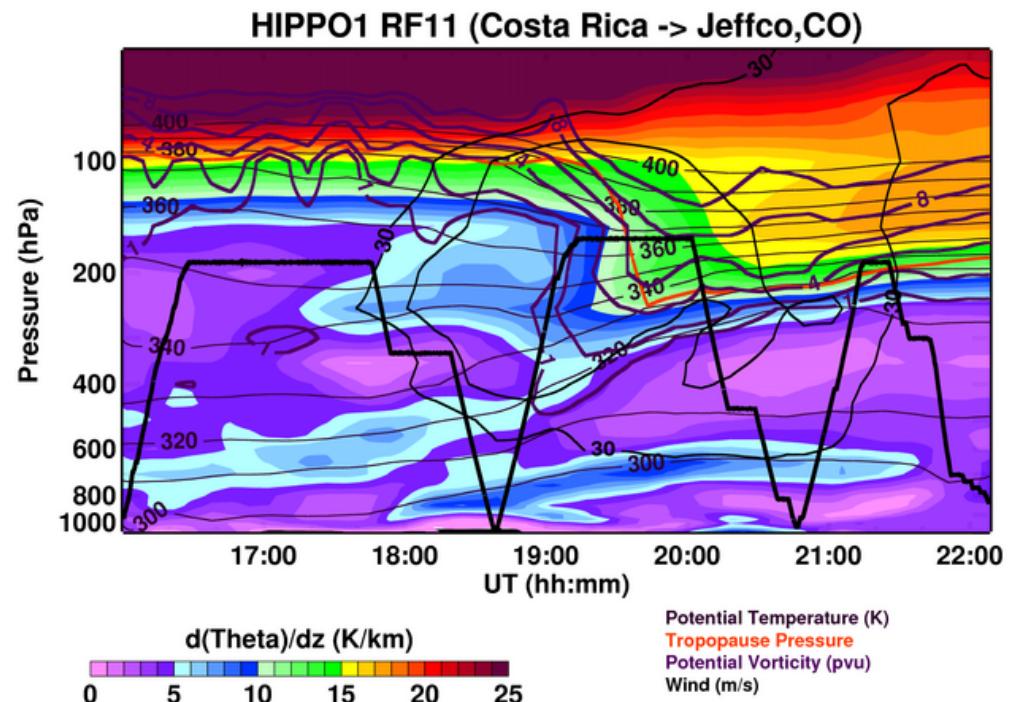
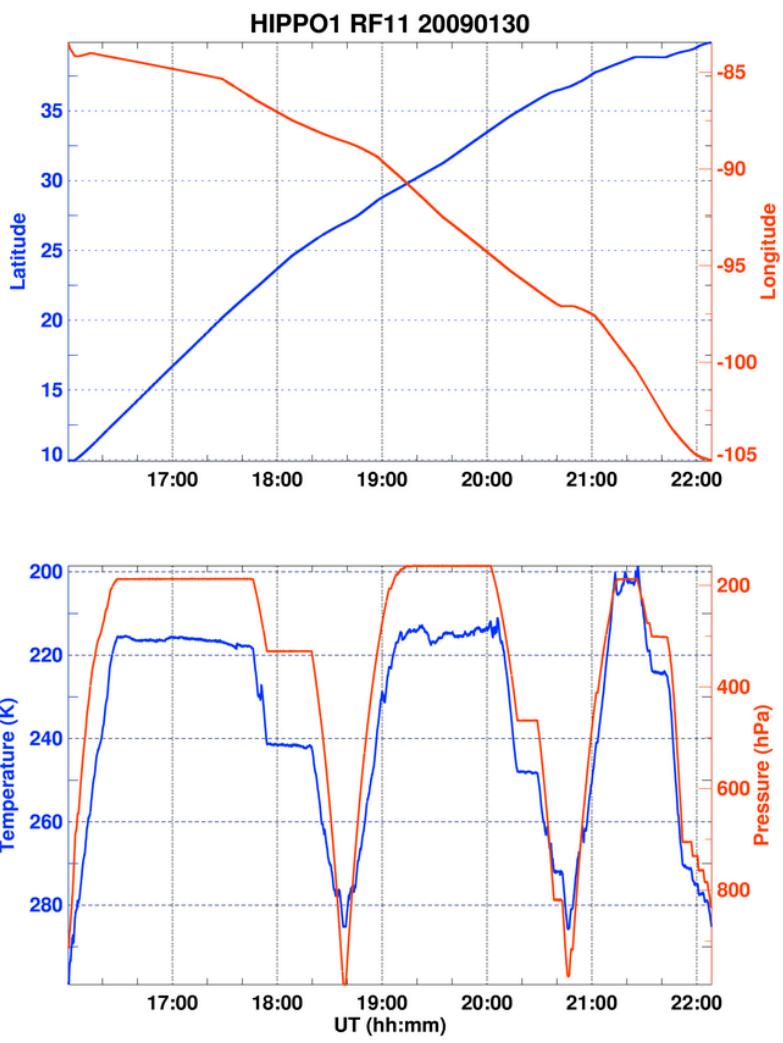






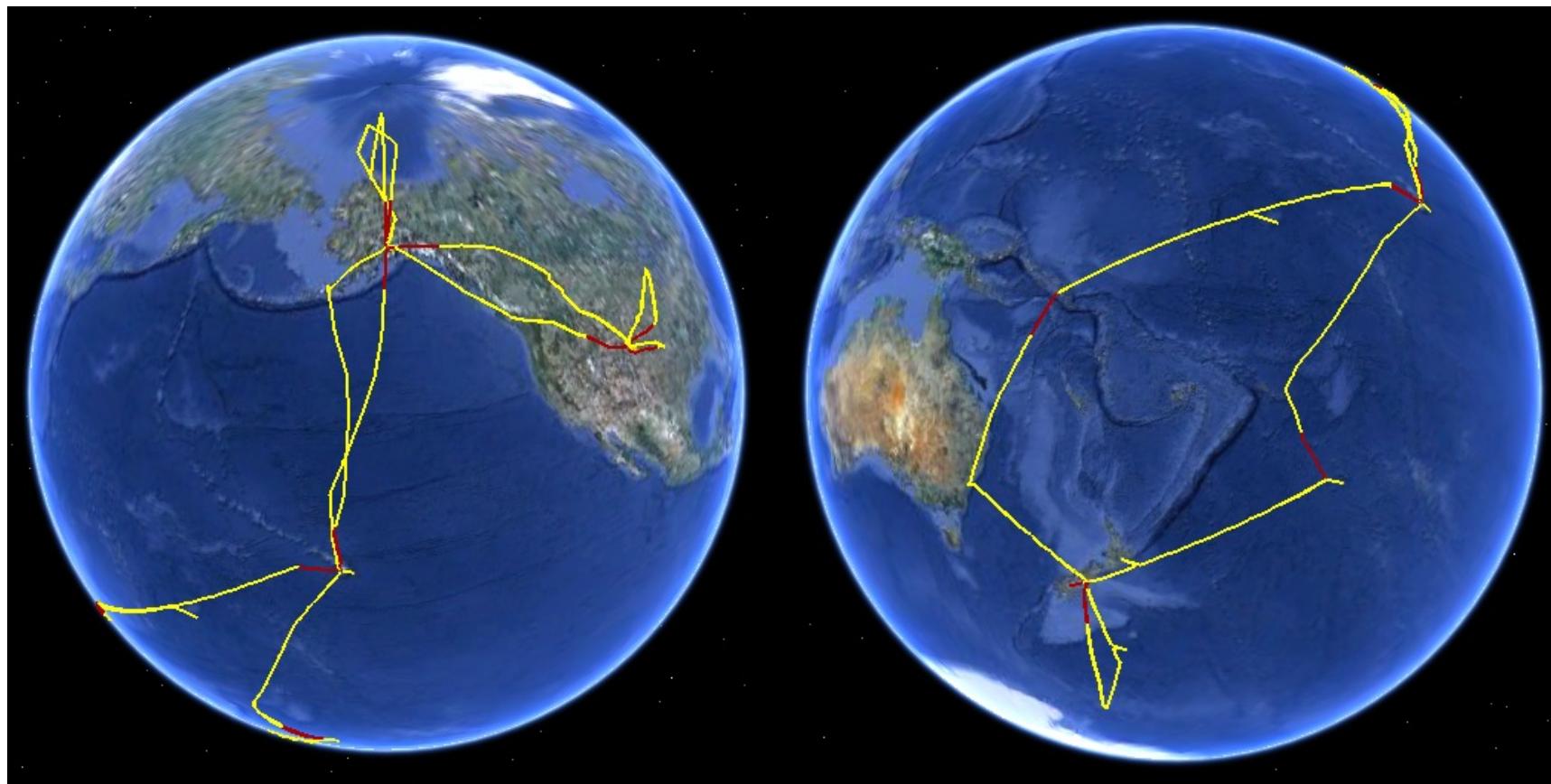


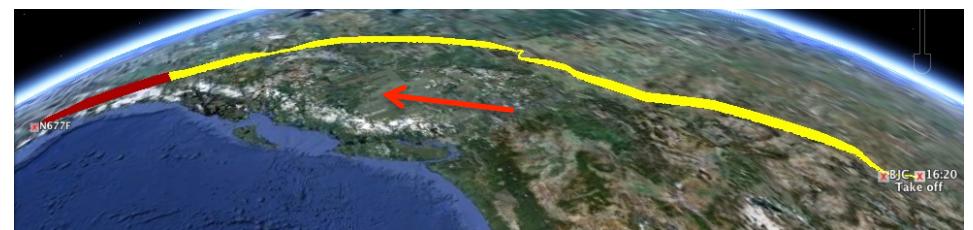
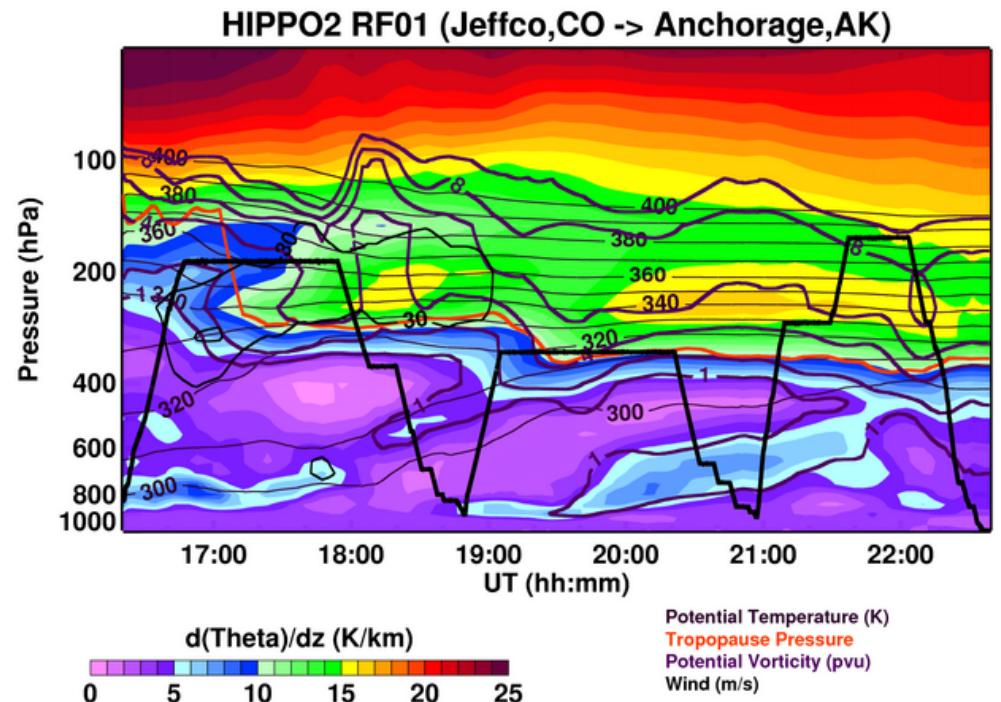
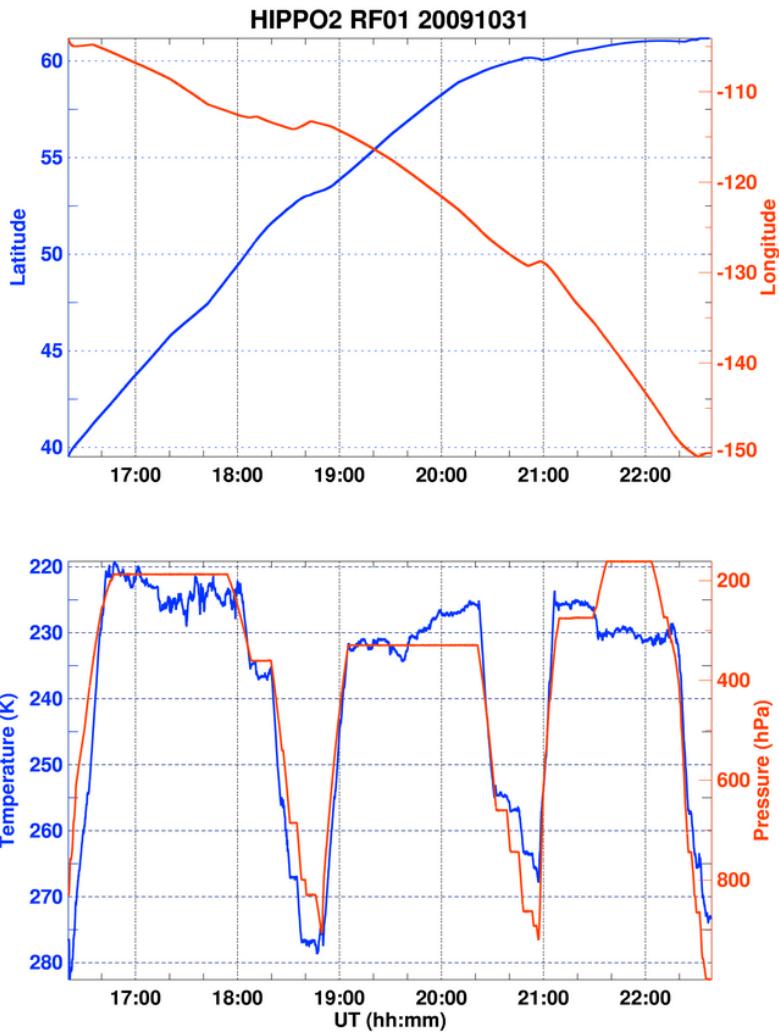


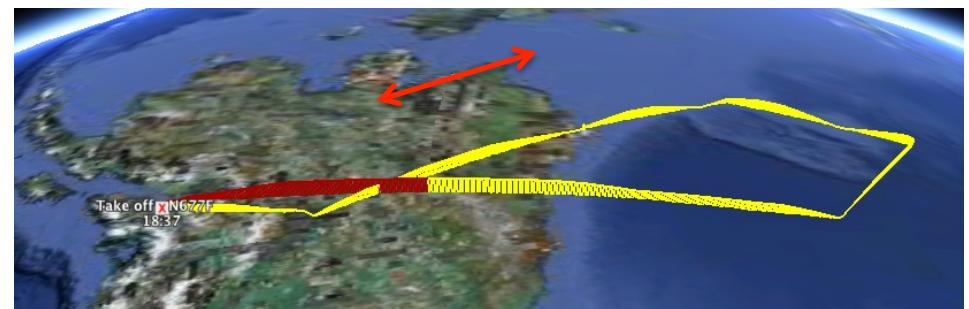
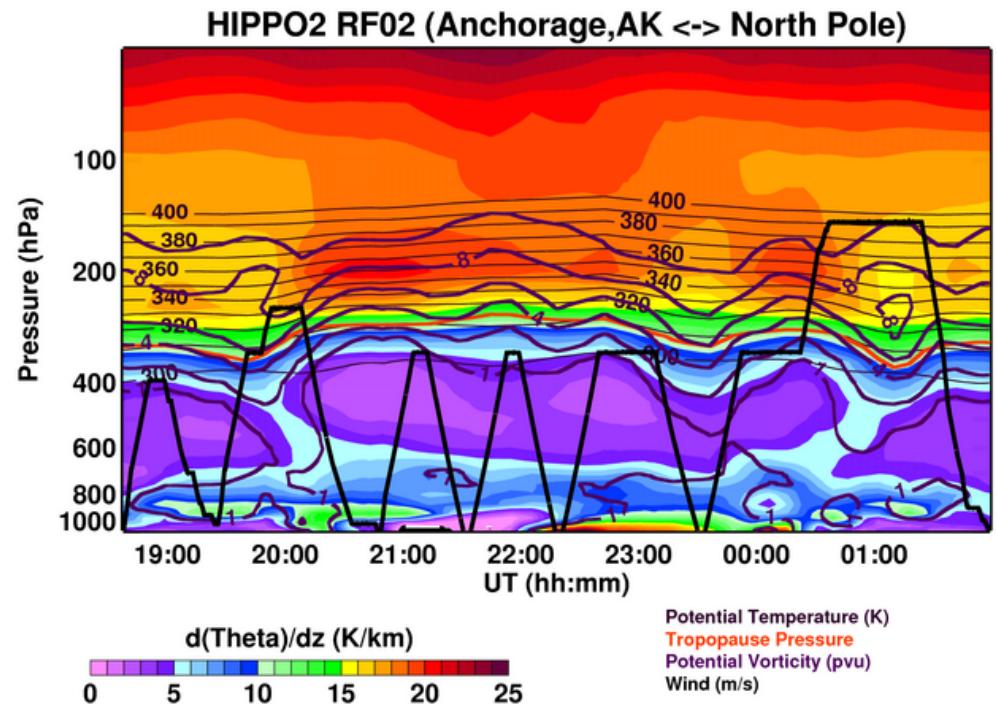
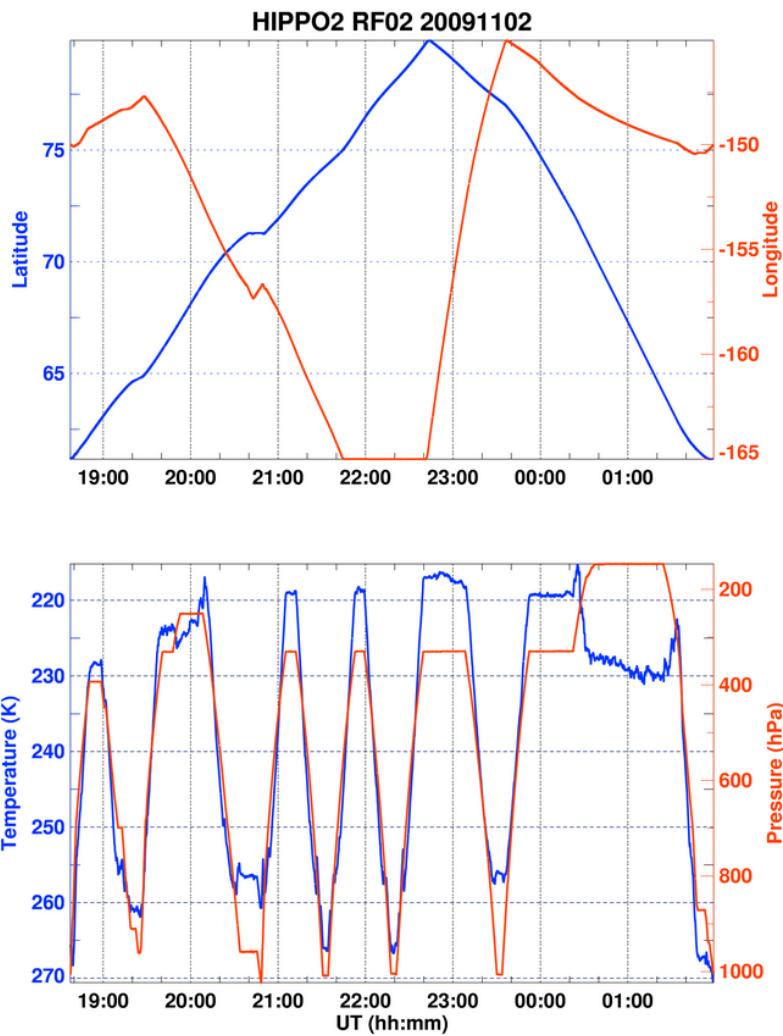


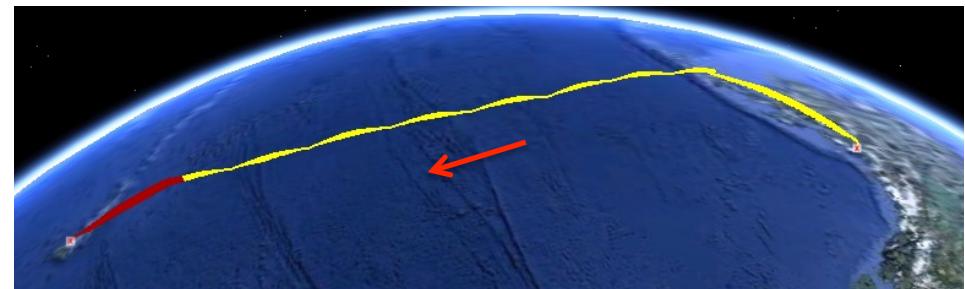
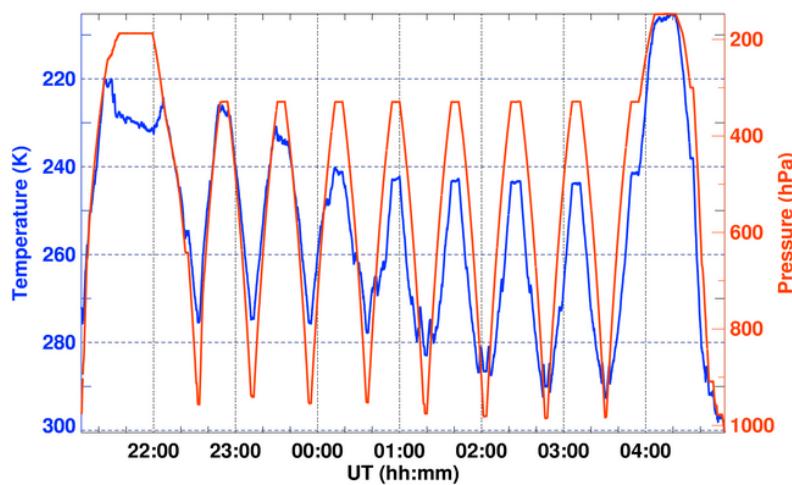
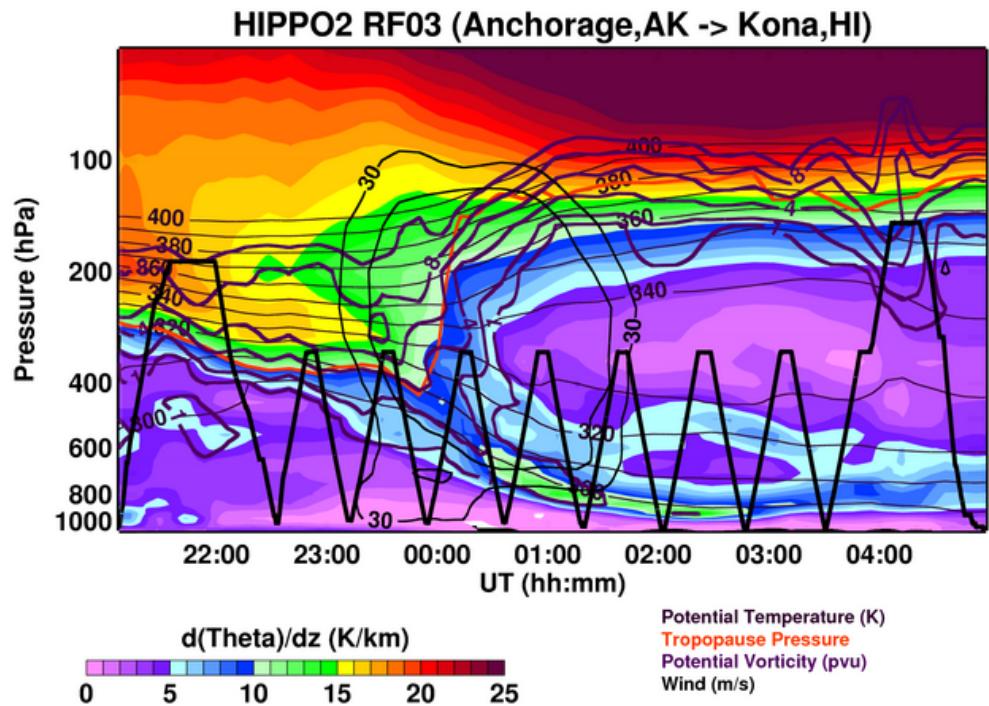
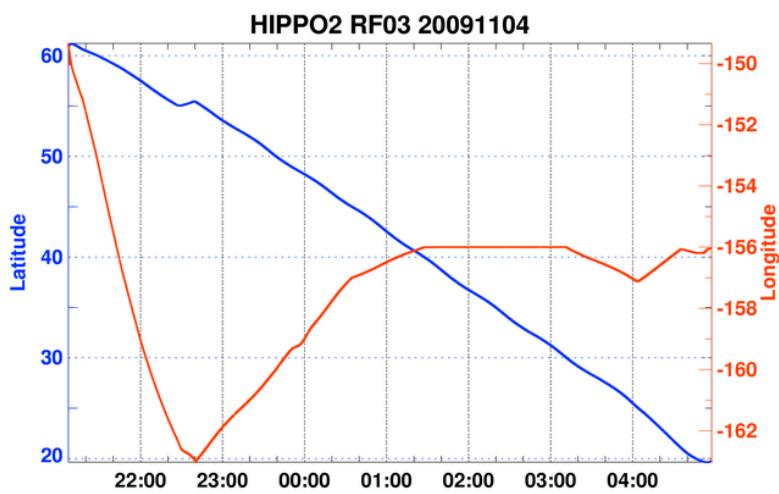
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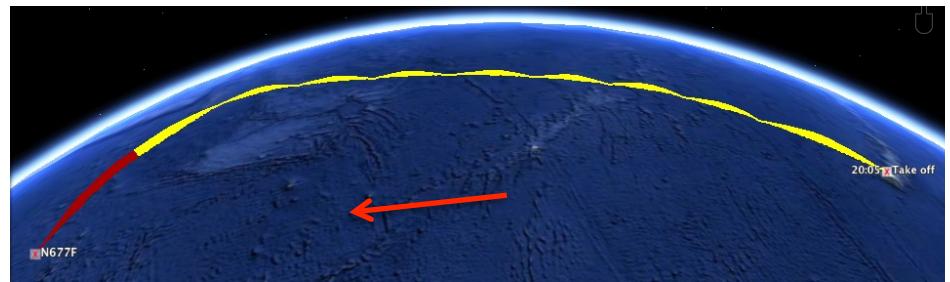
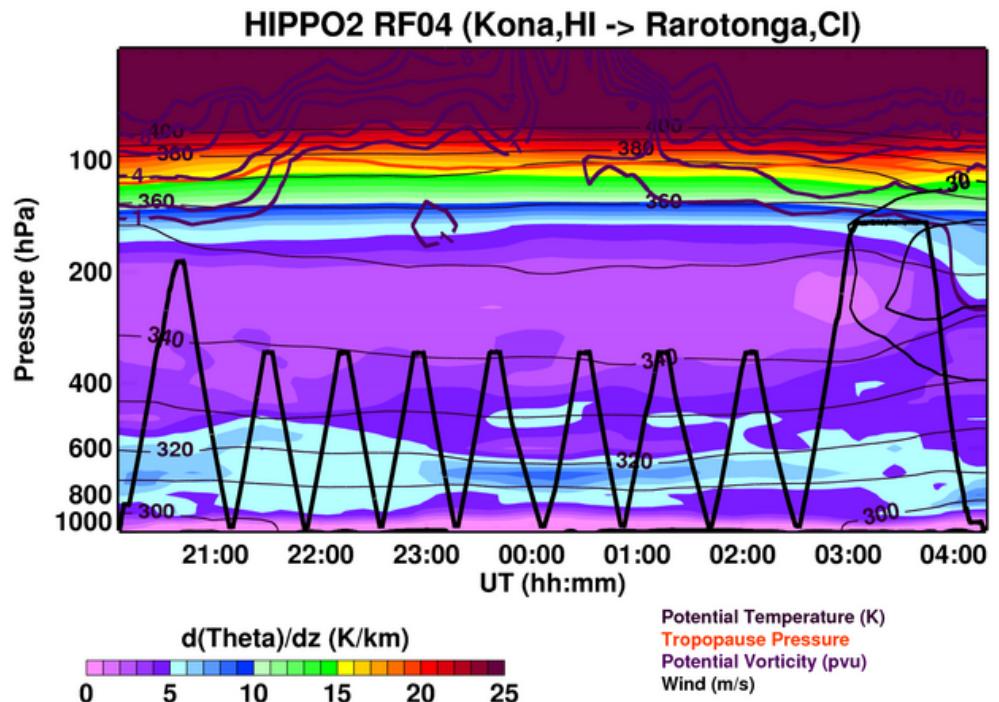
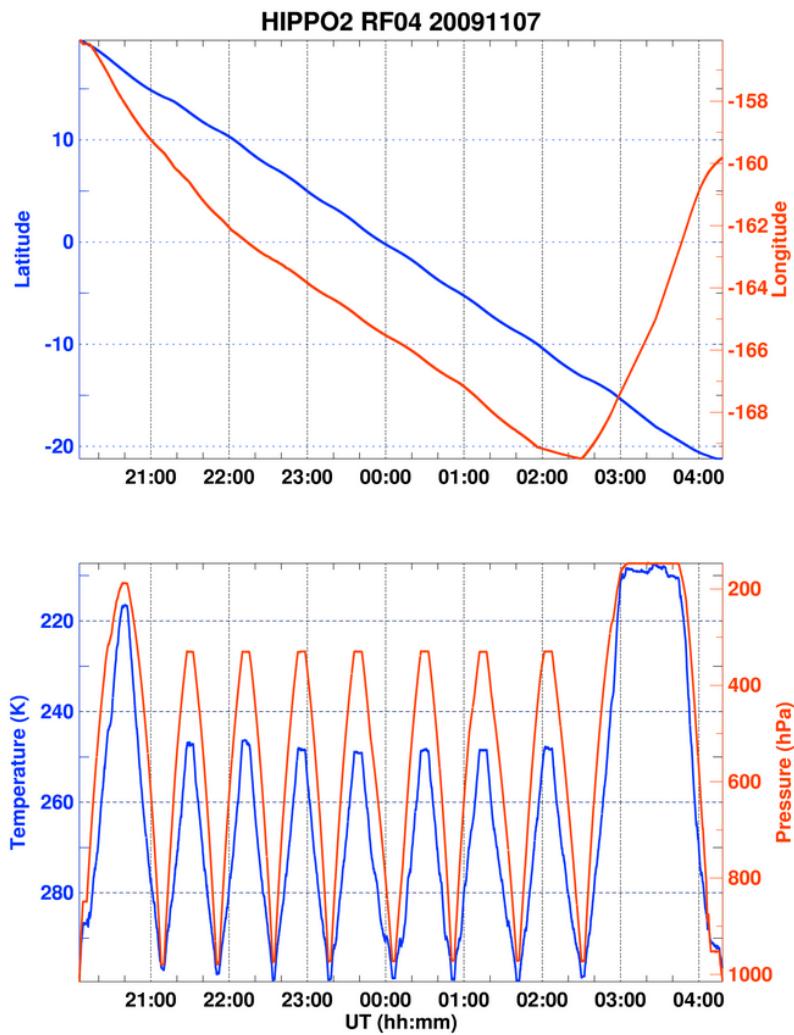
October-November 2009

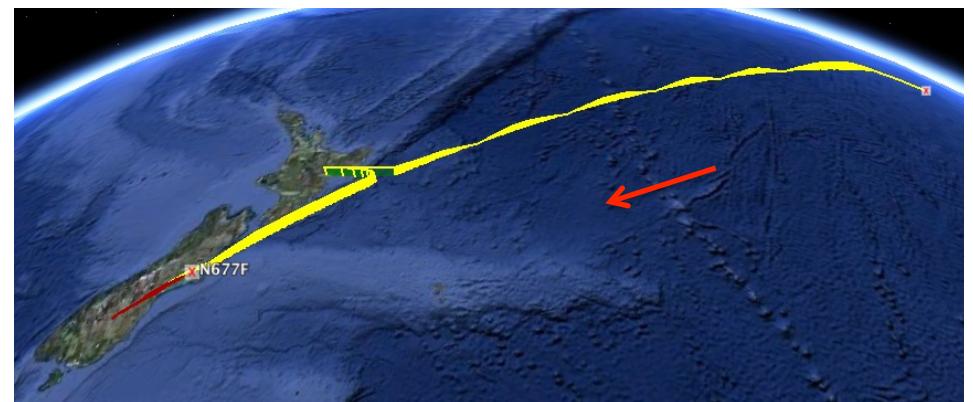
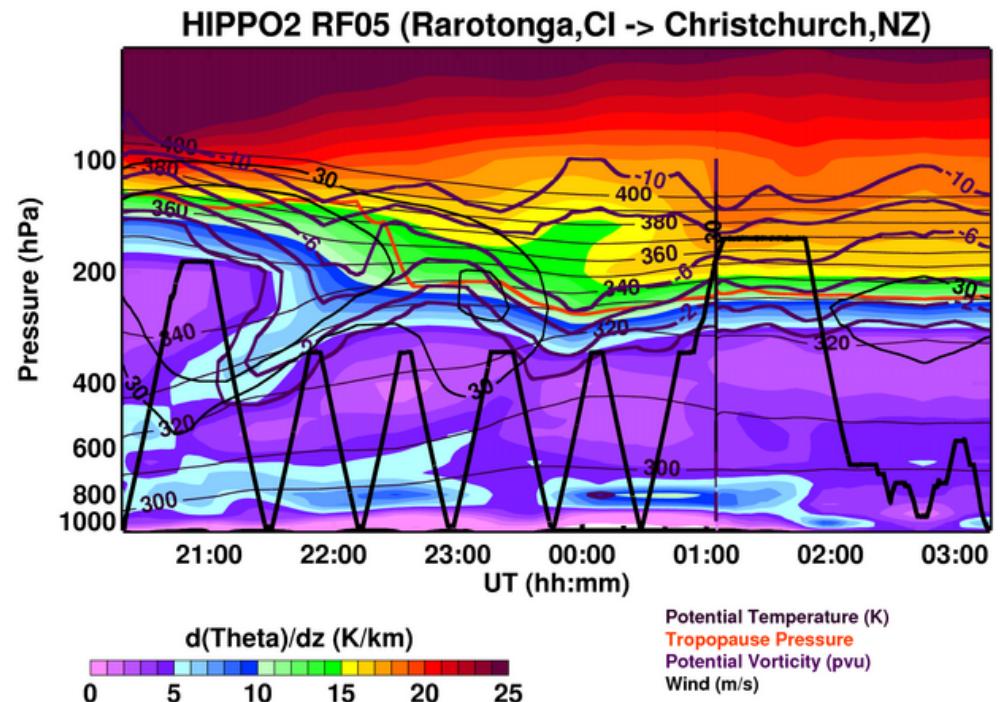
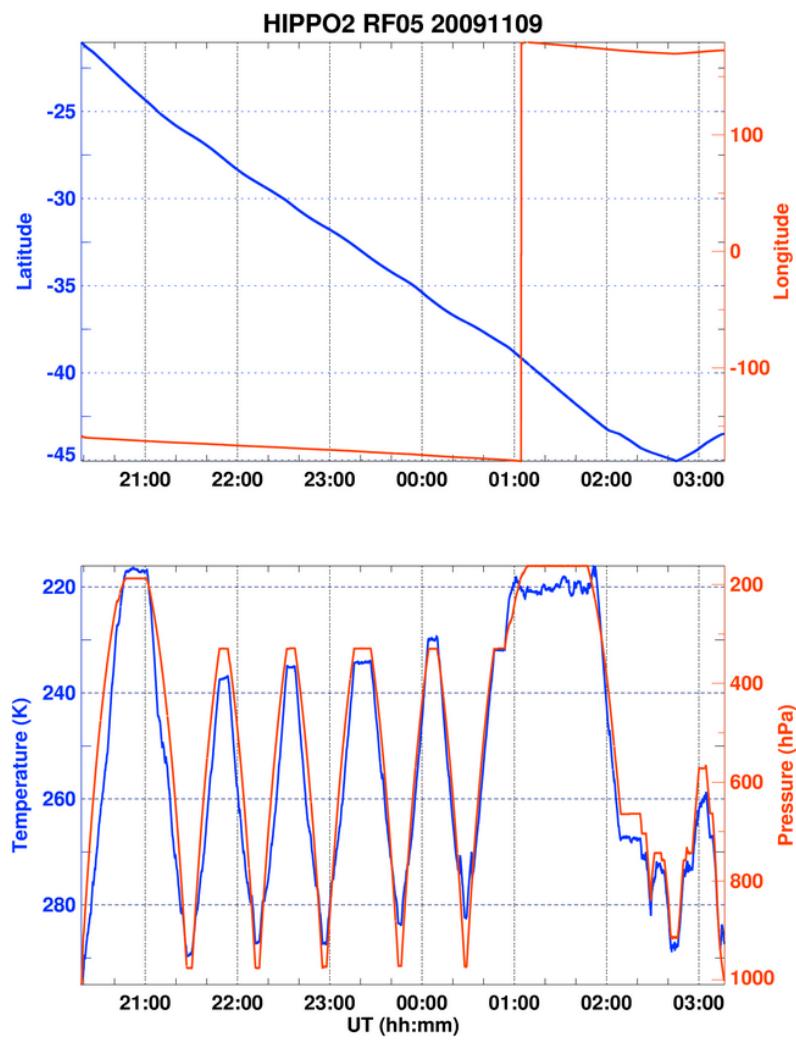


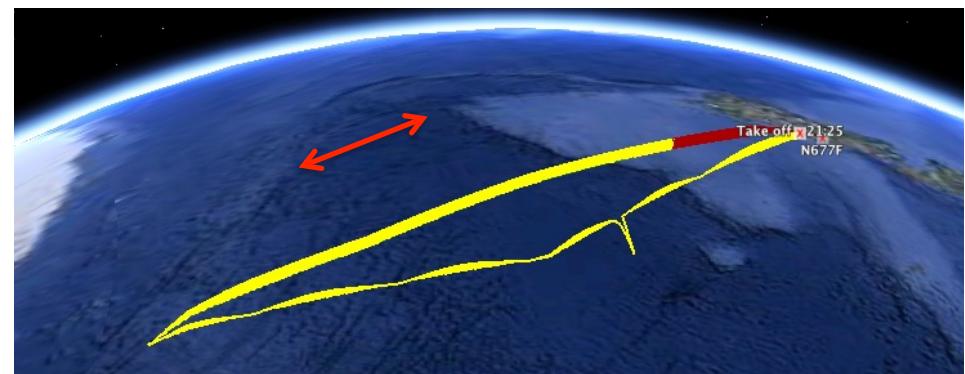
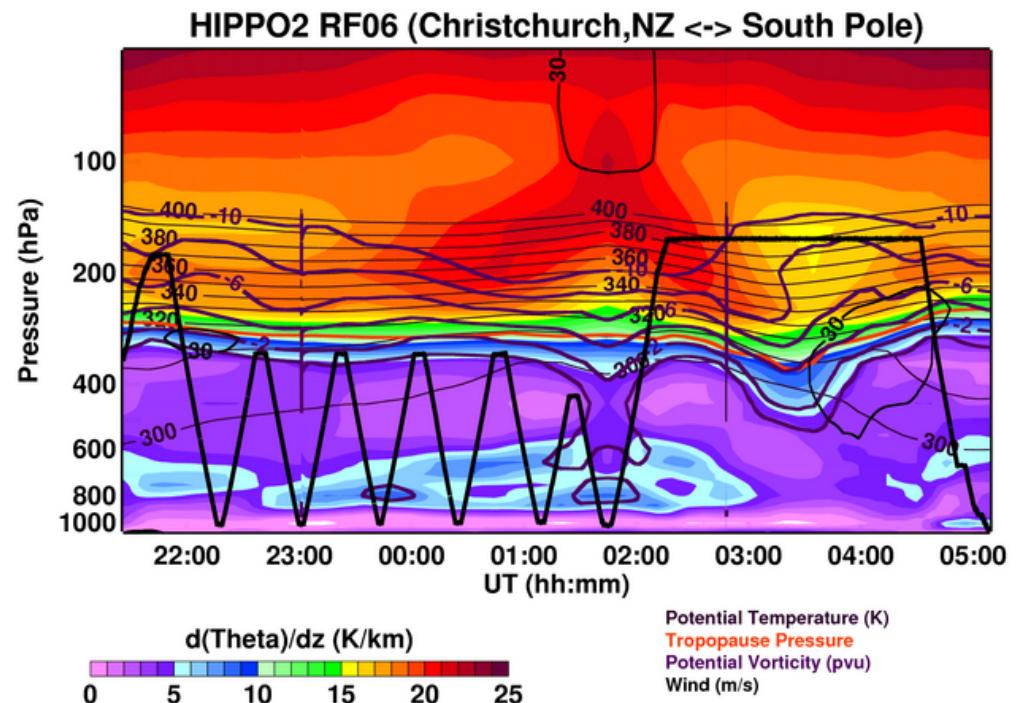
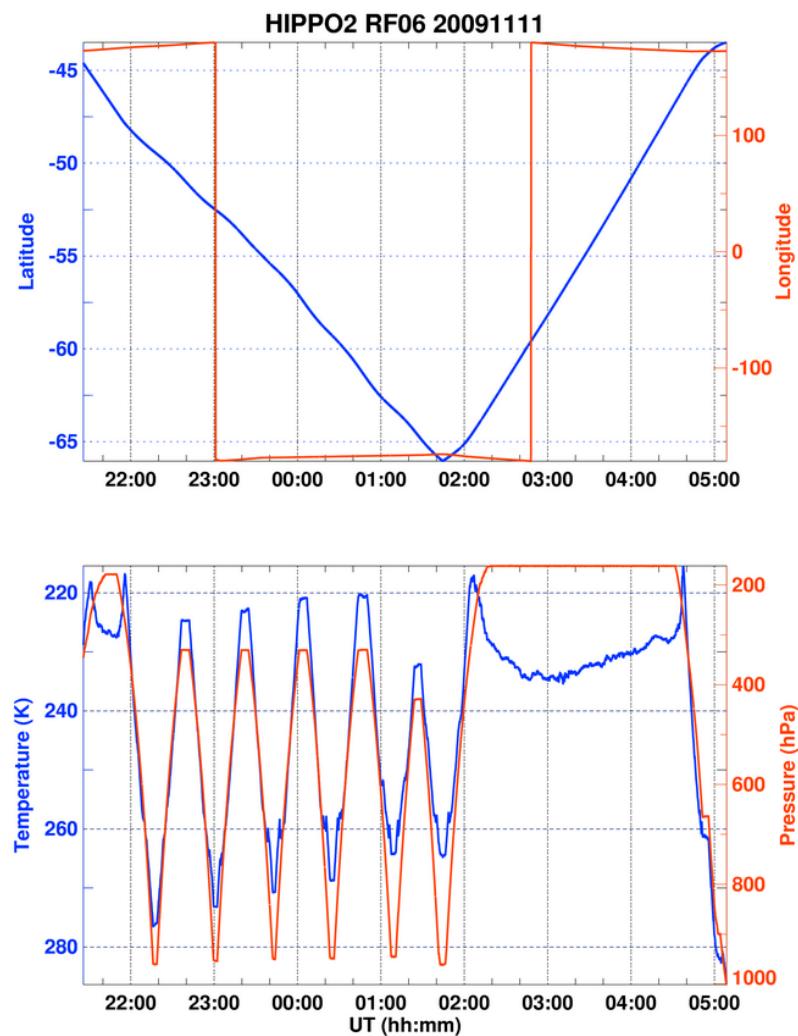


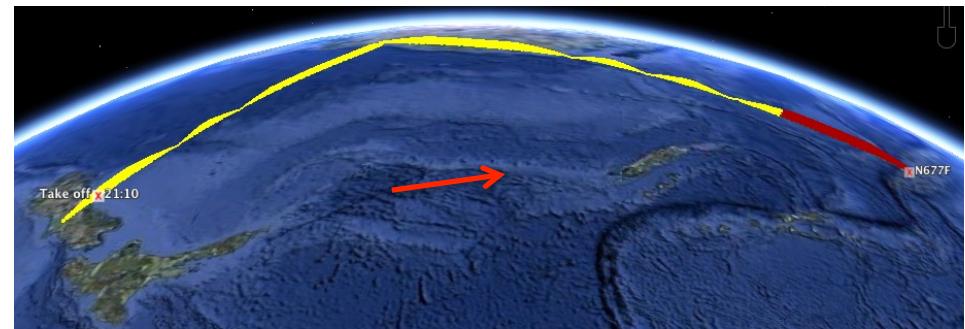
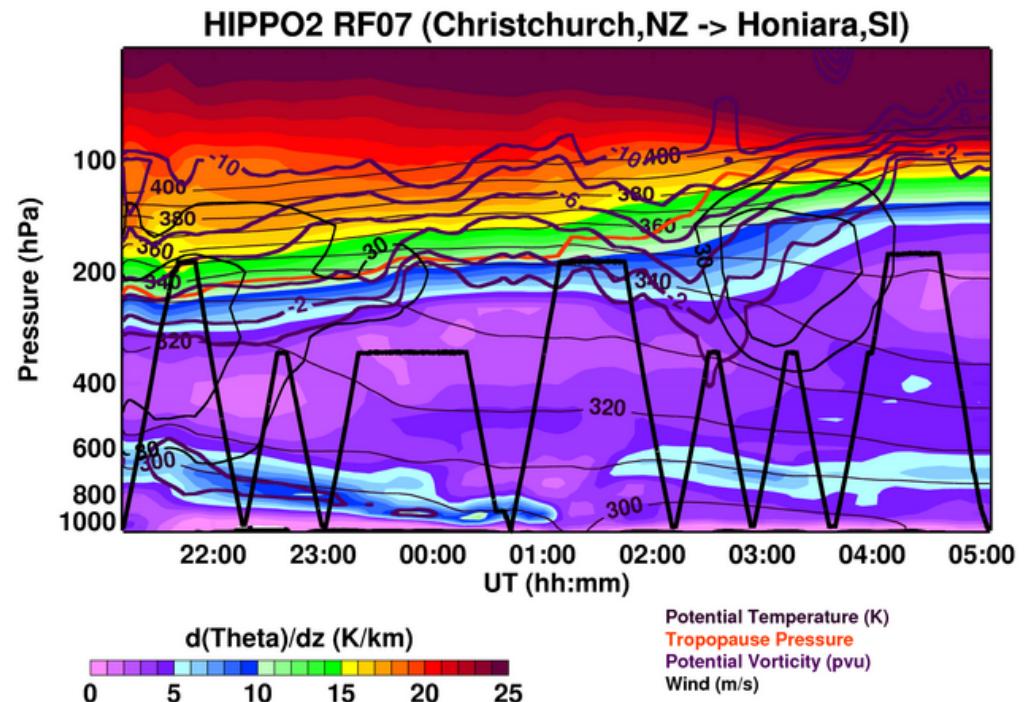
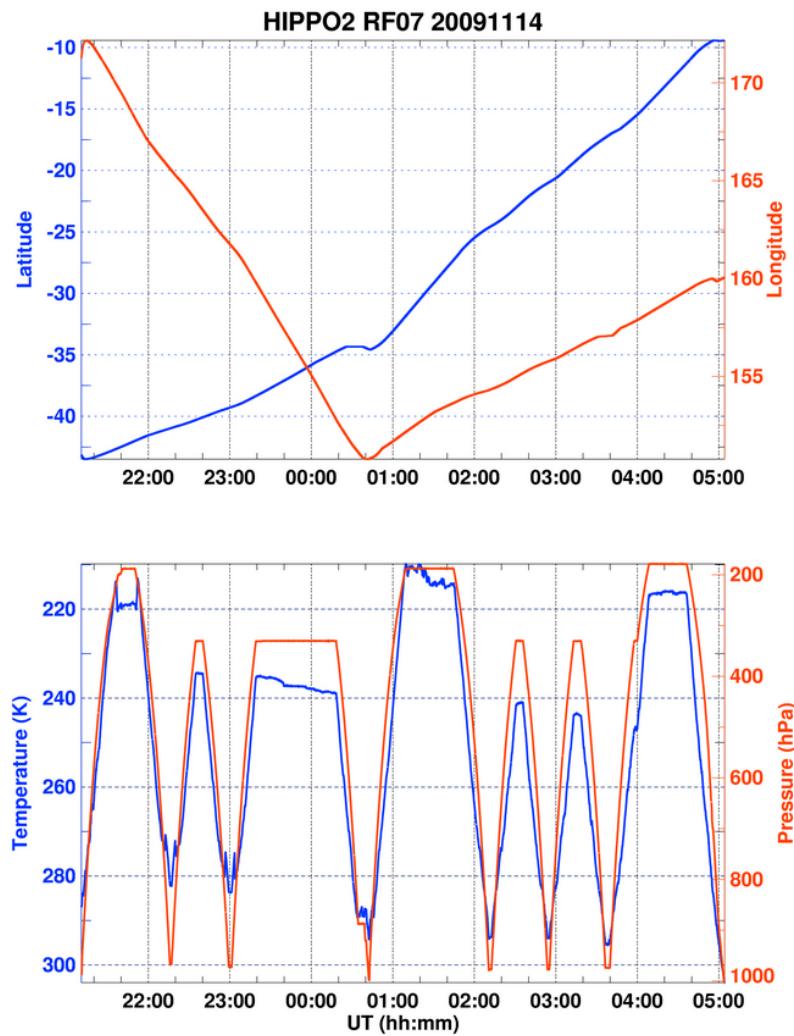


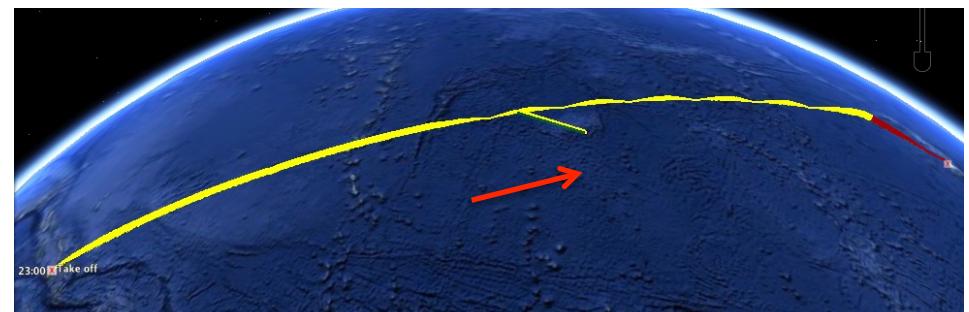
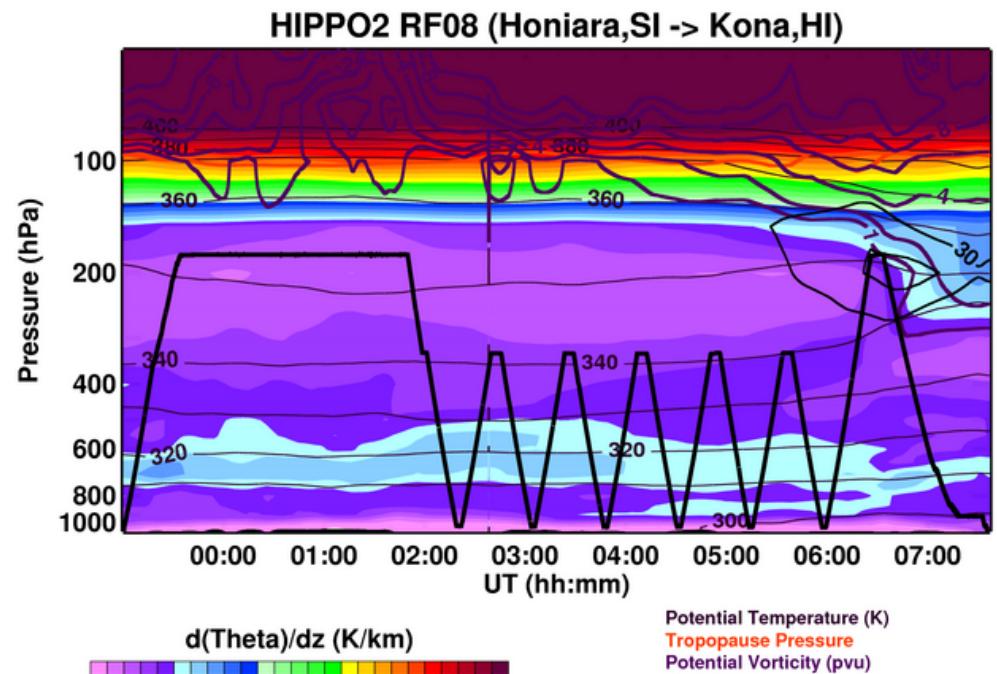
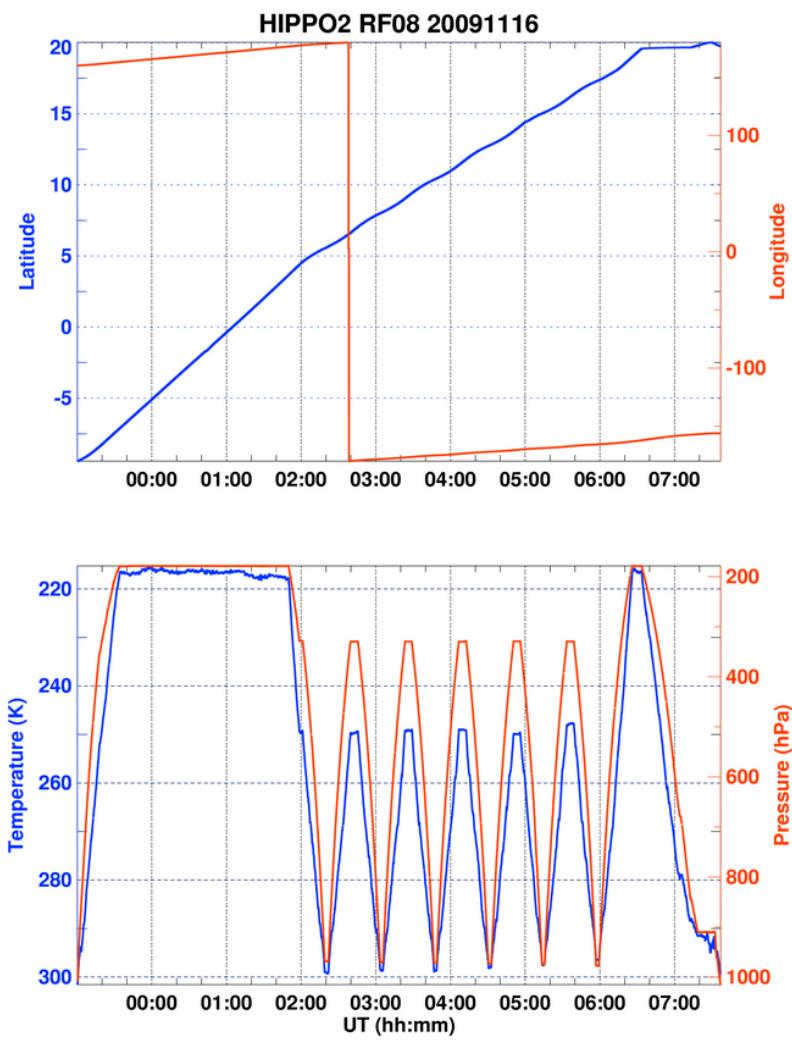


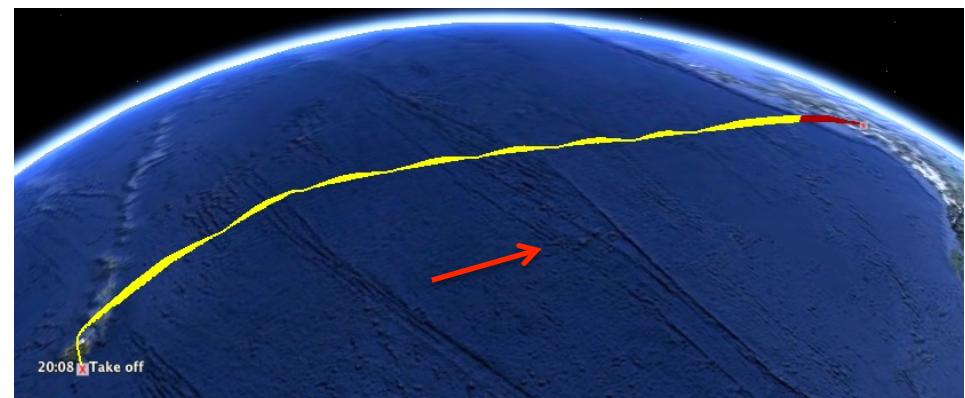
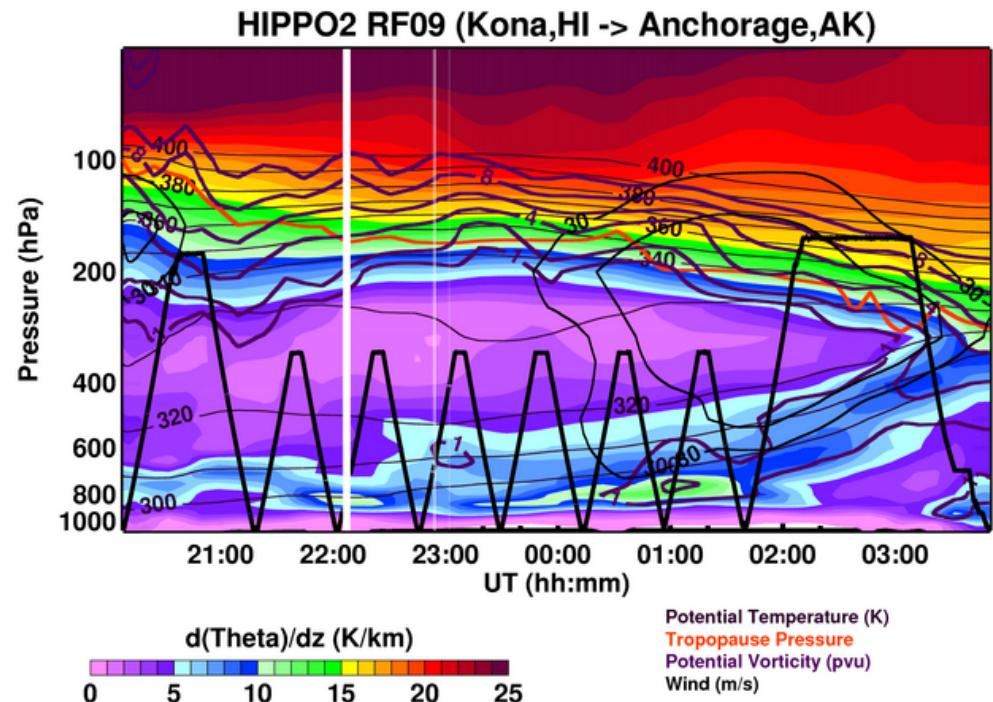
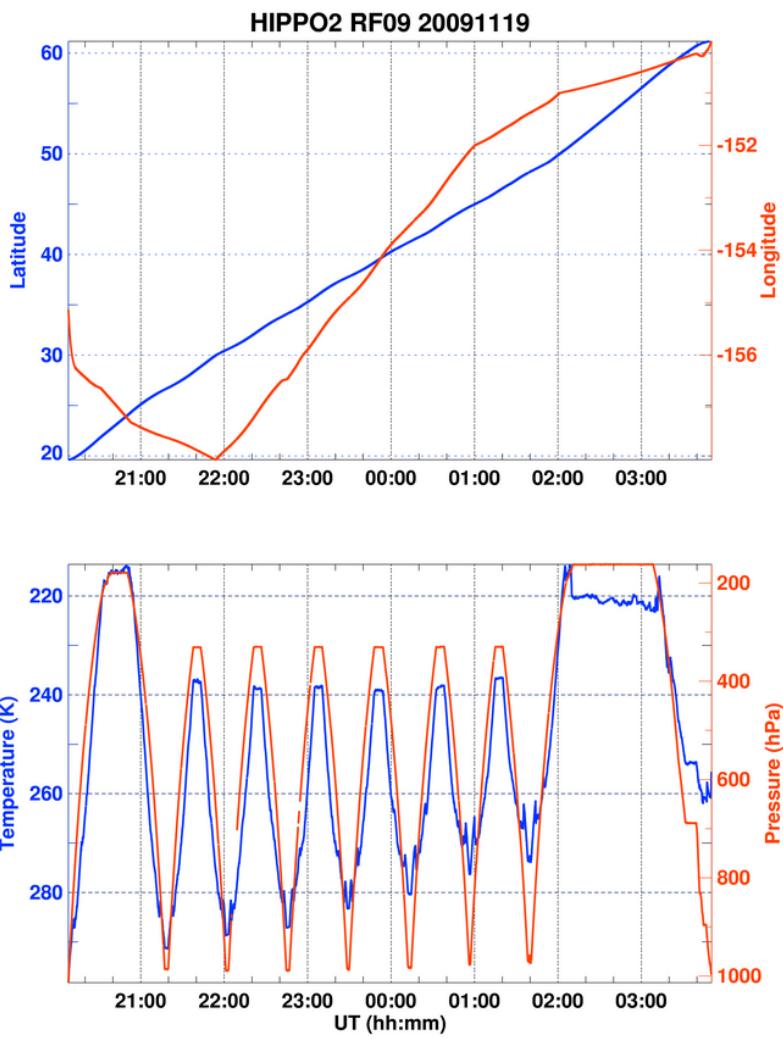


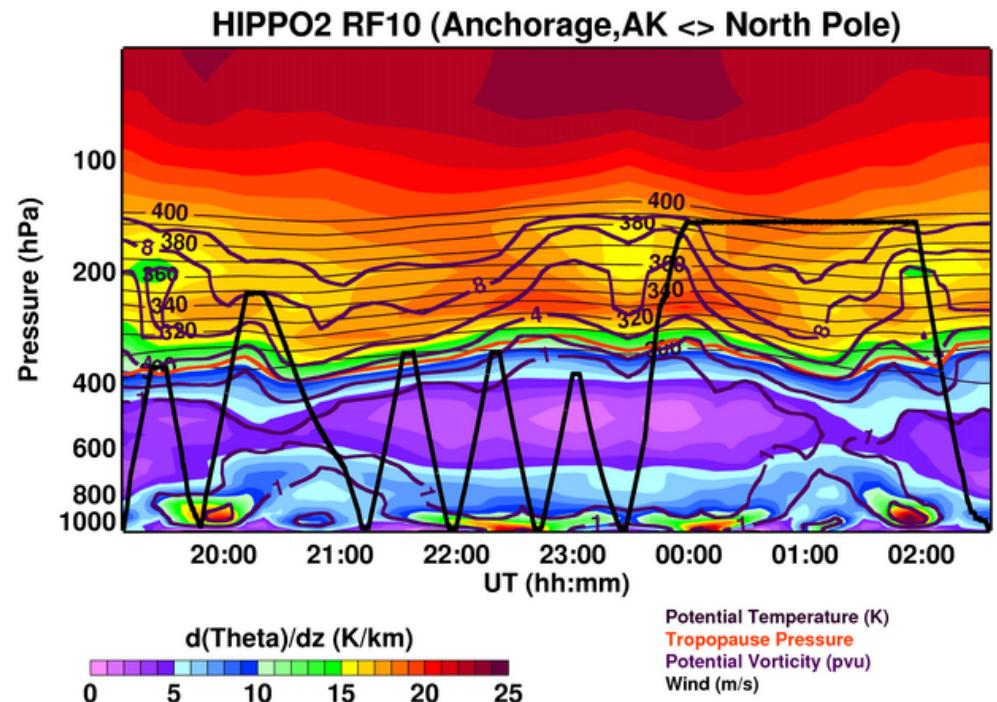
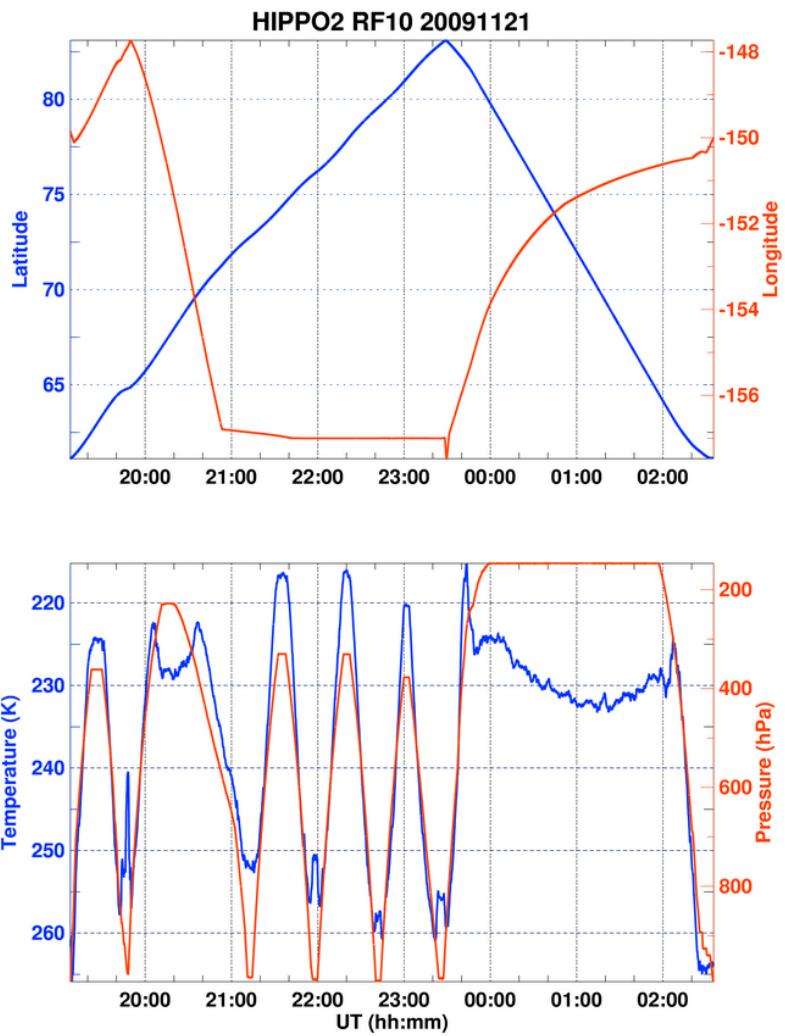


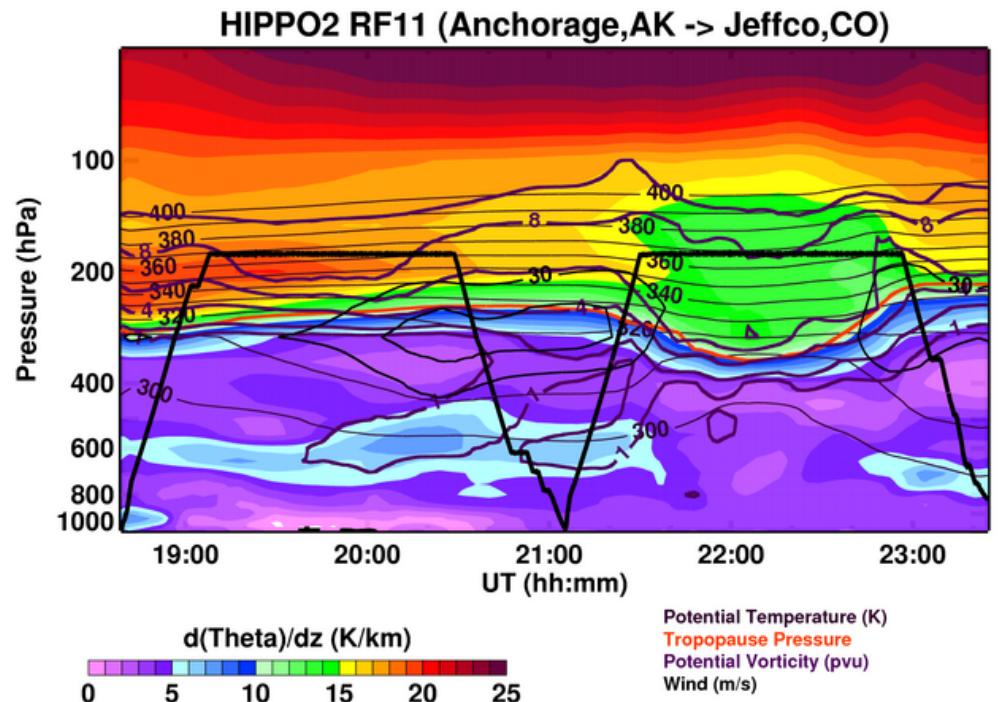
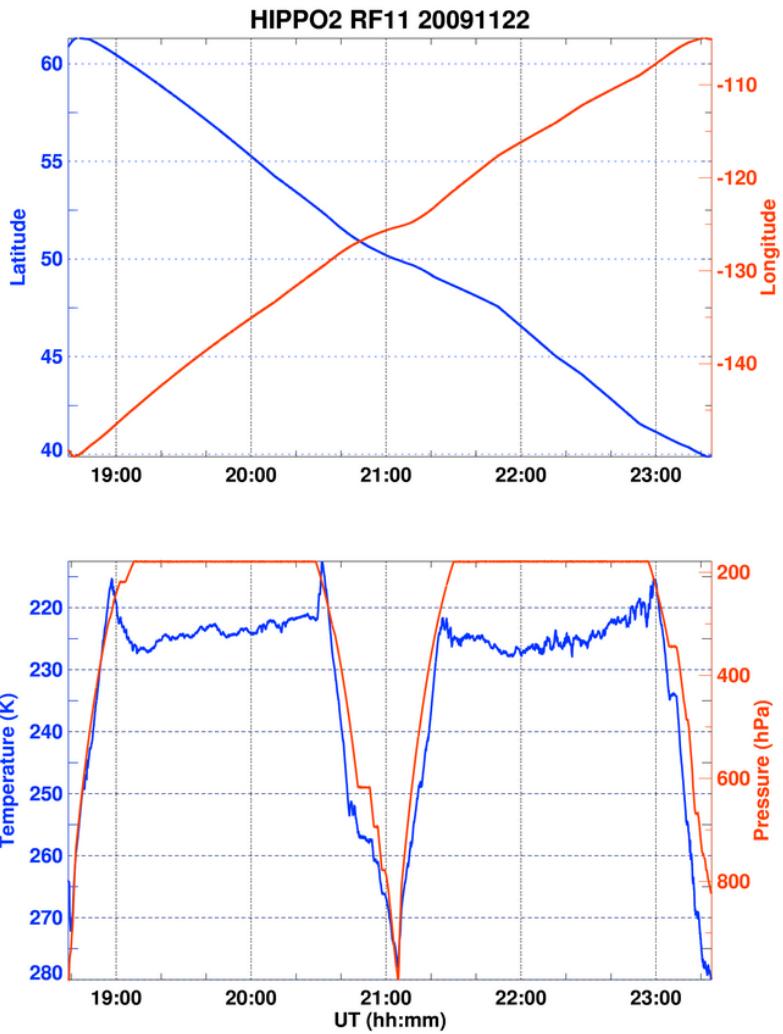






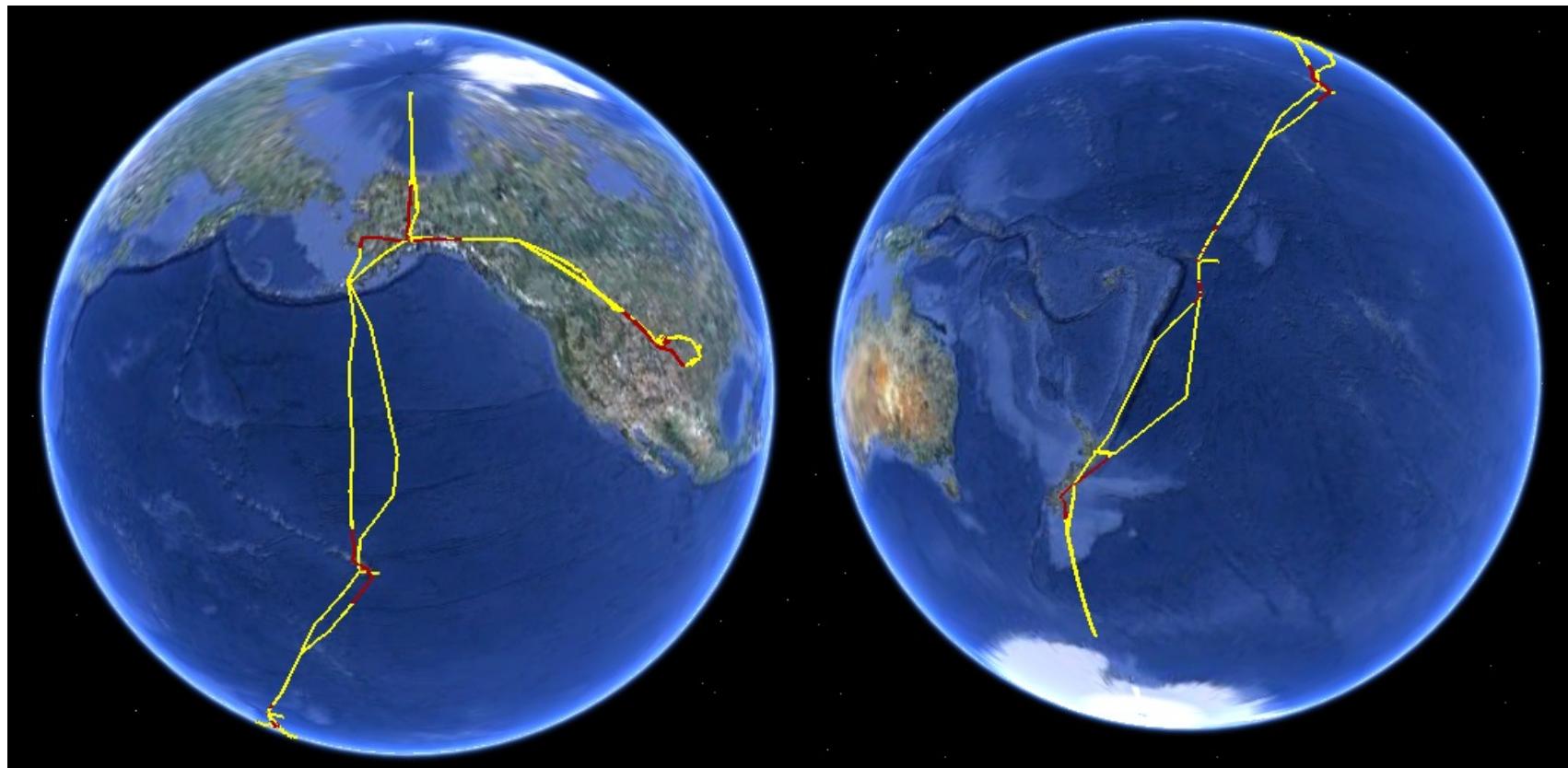


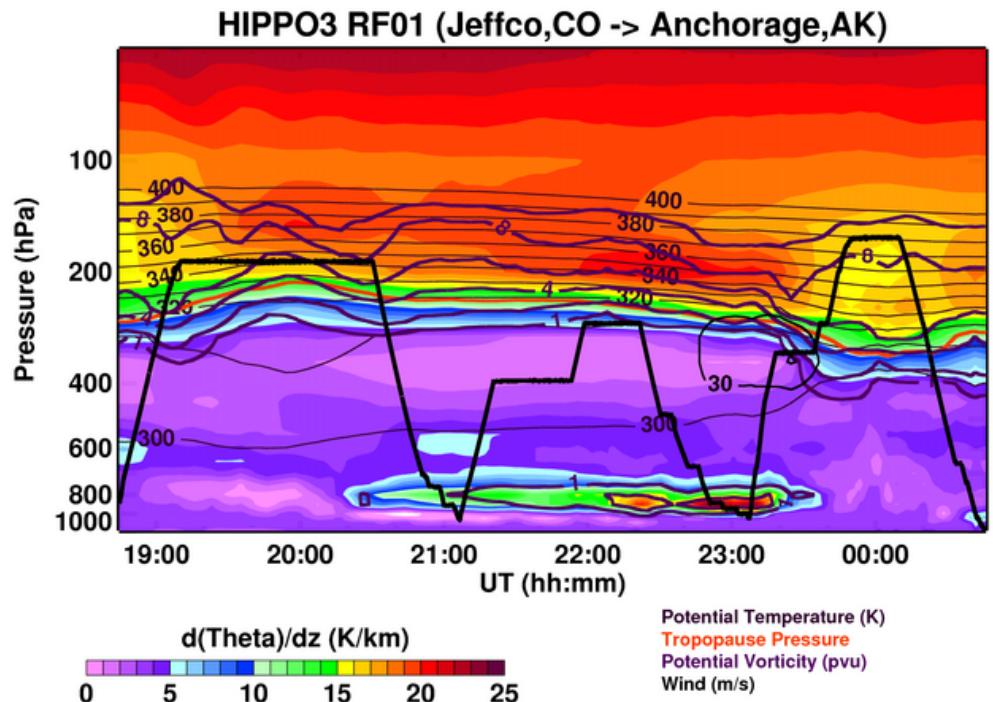
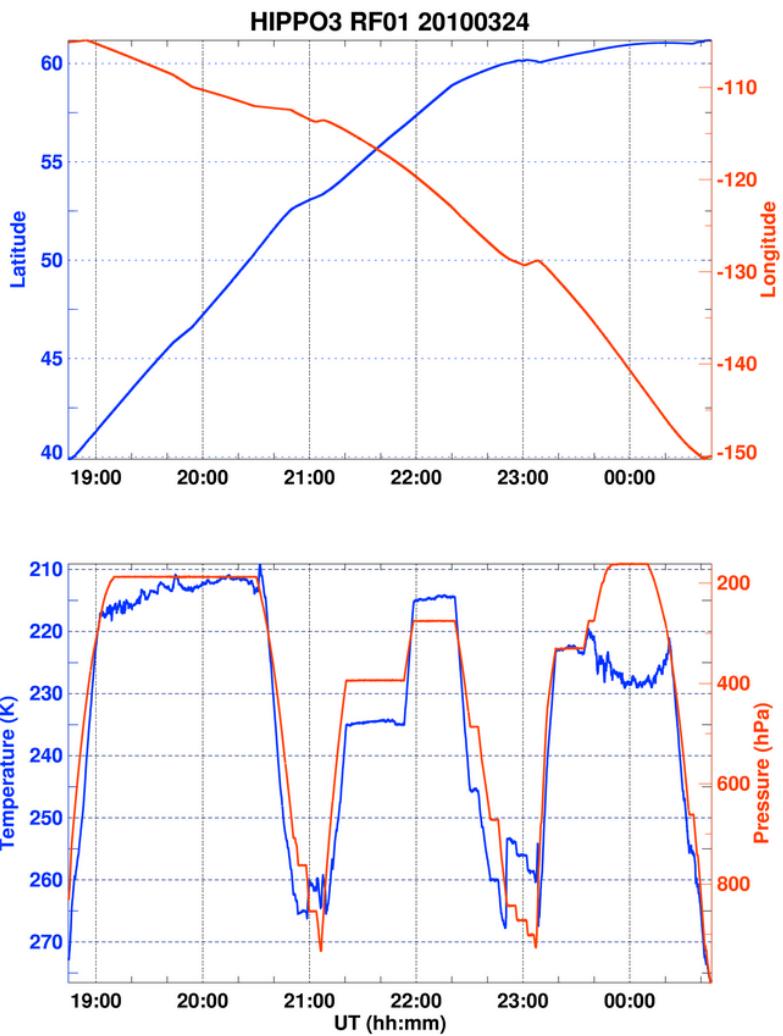


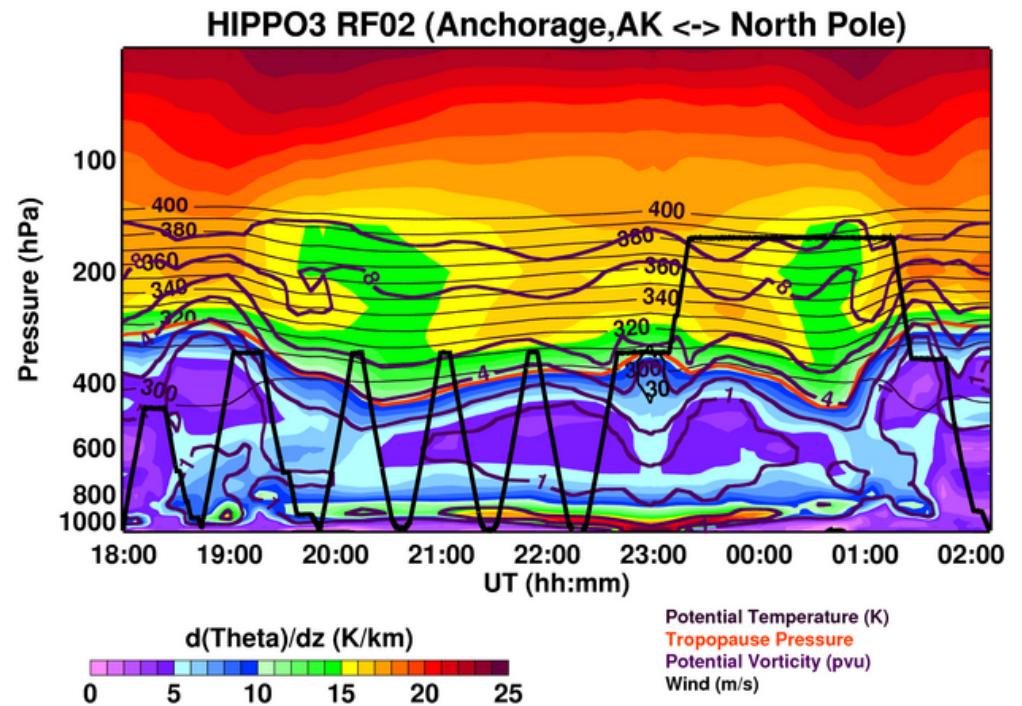
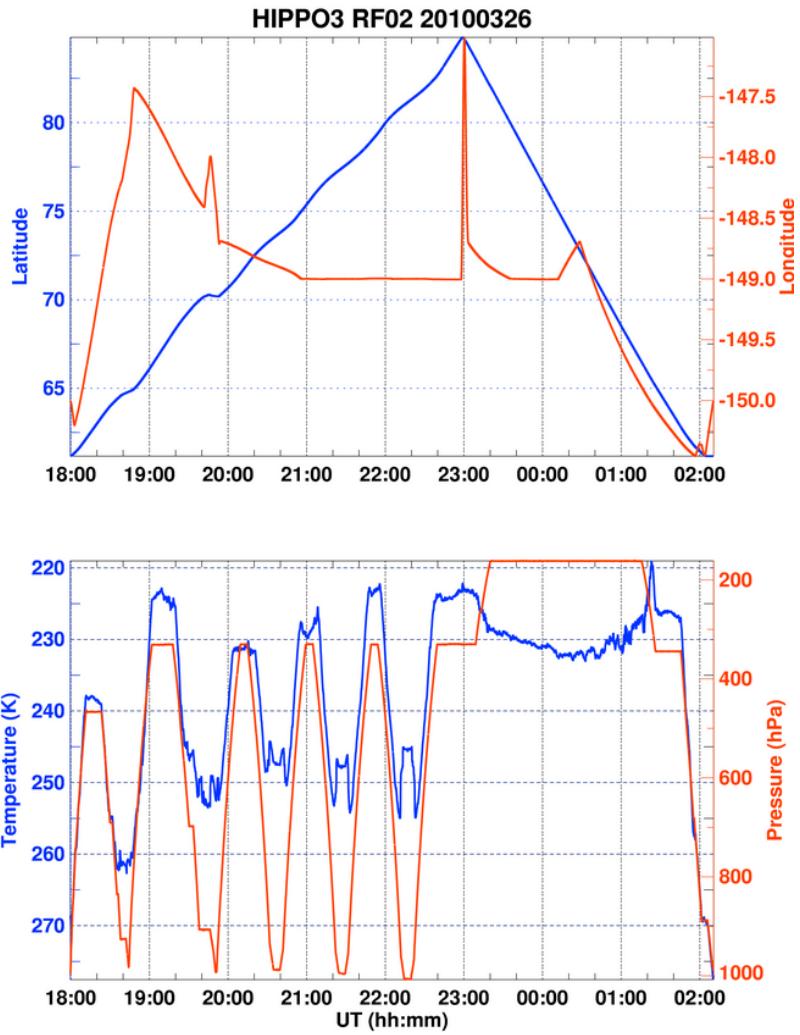


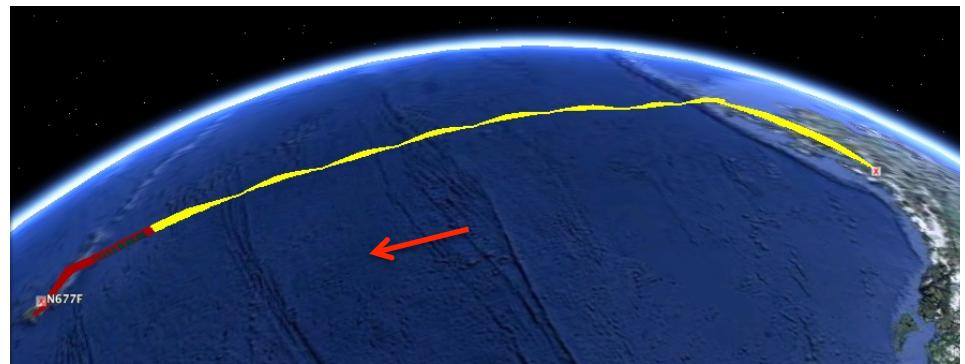
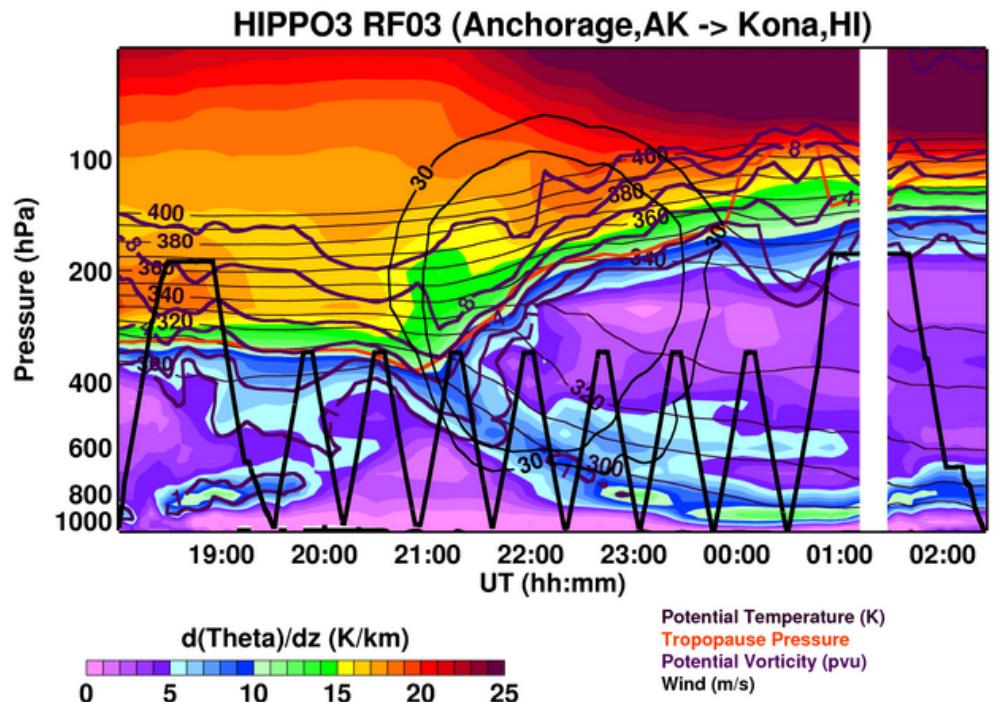
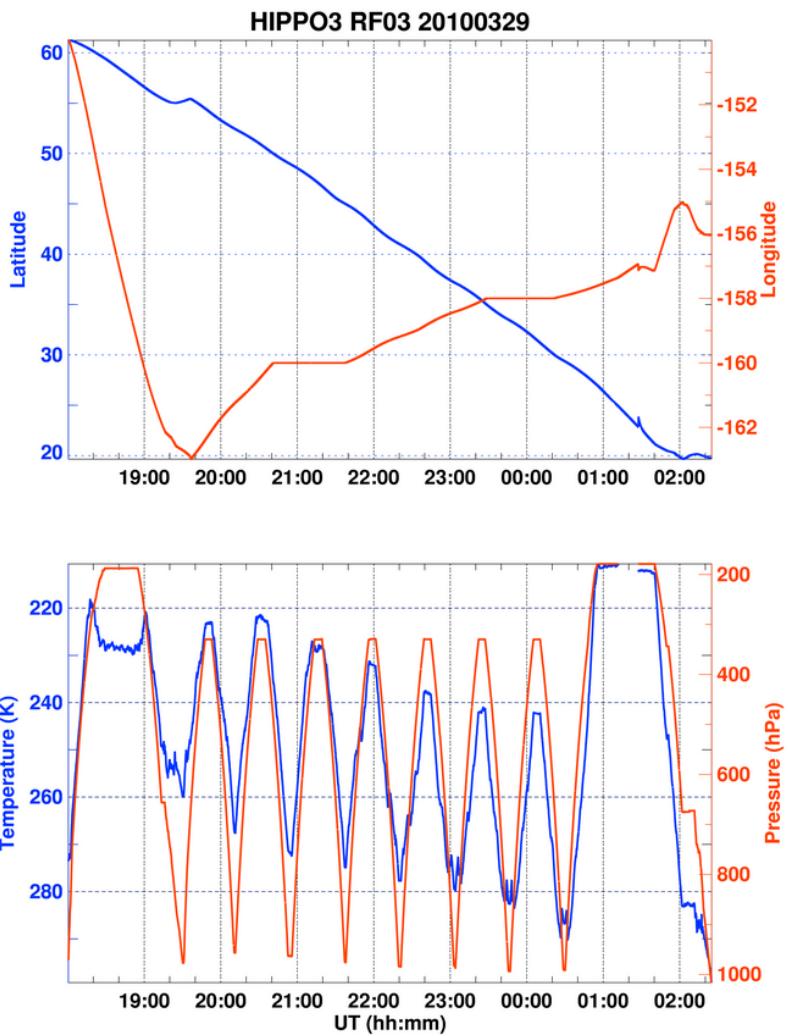
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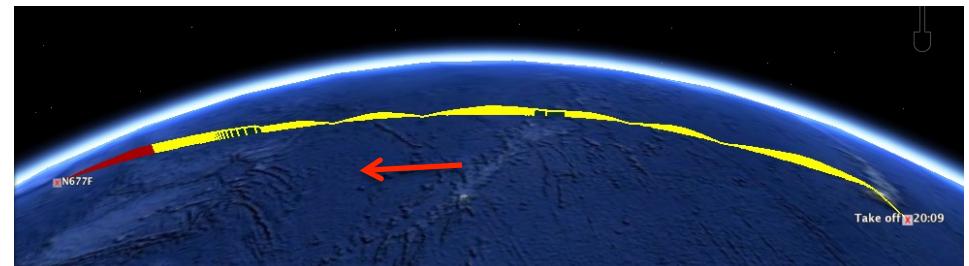
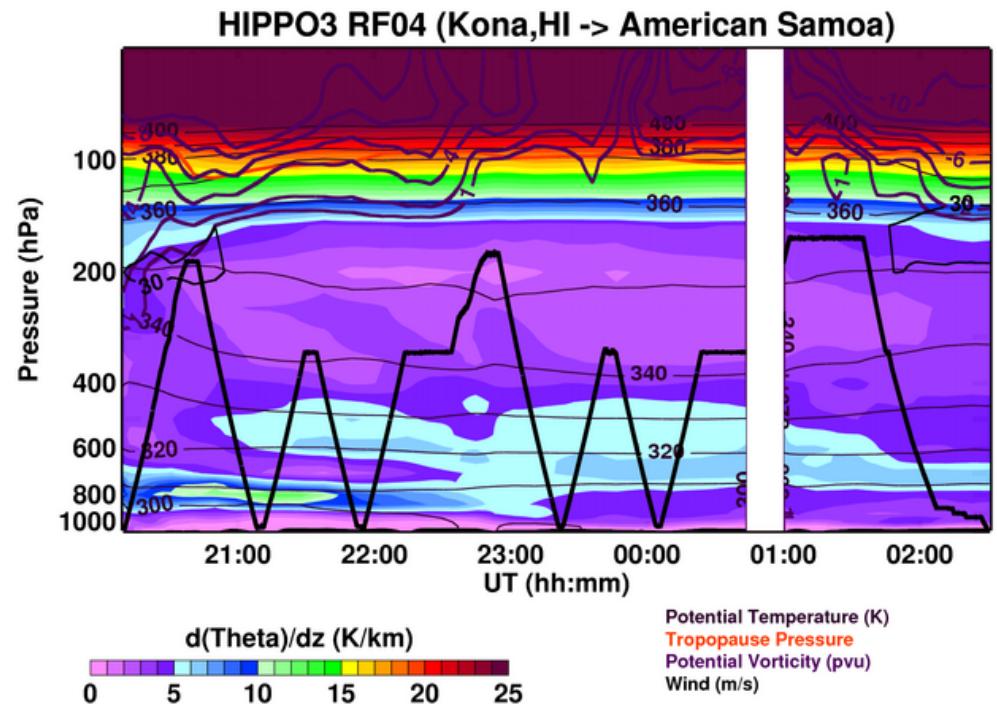
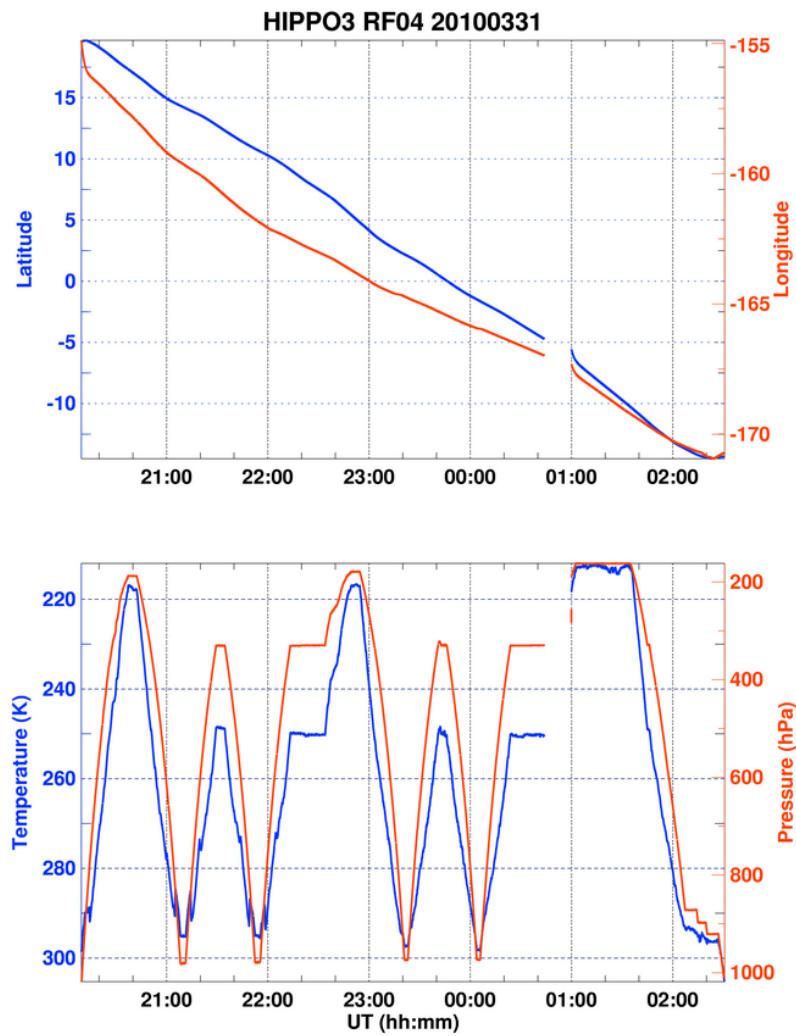
March-April 2010











HIPPO3 RF05 (American Samoa -> Christchurch,NZ)

