

S-HIS Flight Summary: 20-21 August 2013

Revision: 21 August 2013, R. Knuteson, University of Wisconsin-Madison, SSEC

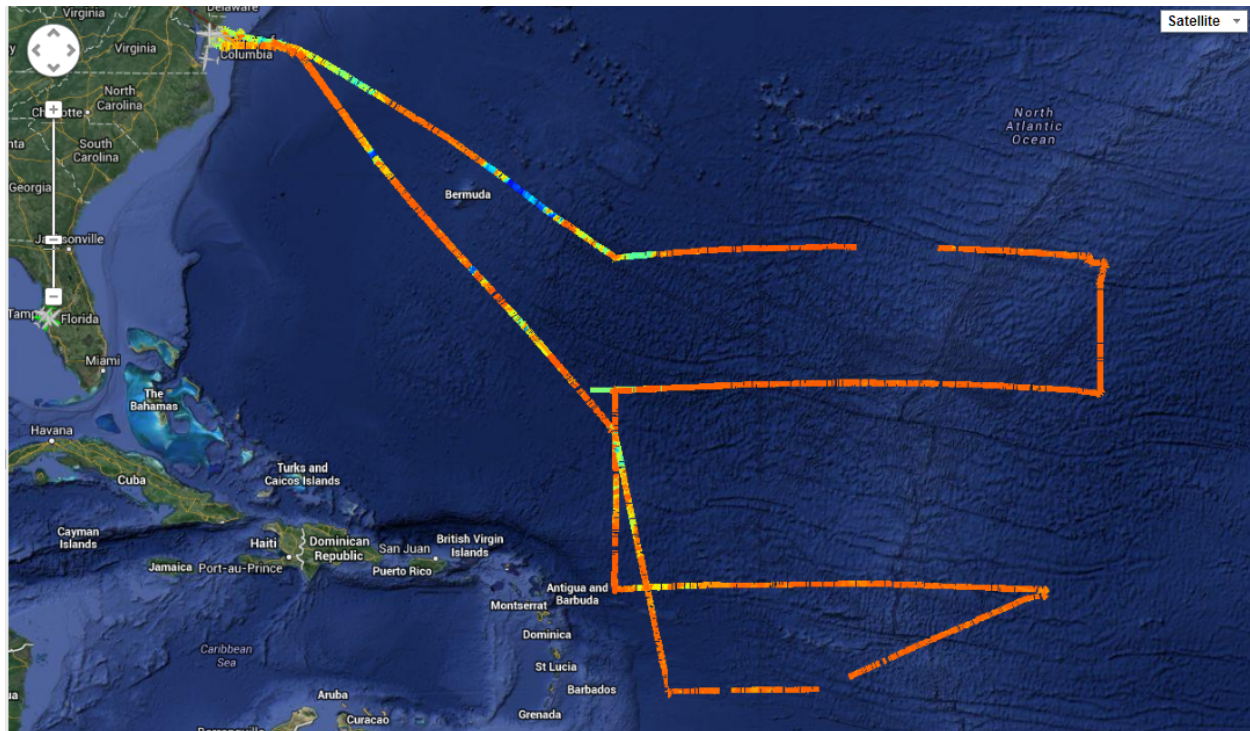
Summary:

Nominal operation. No problems encountered. Real-time retrievals available on MTS.

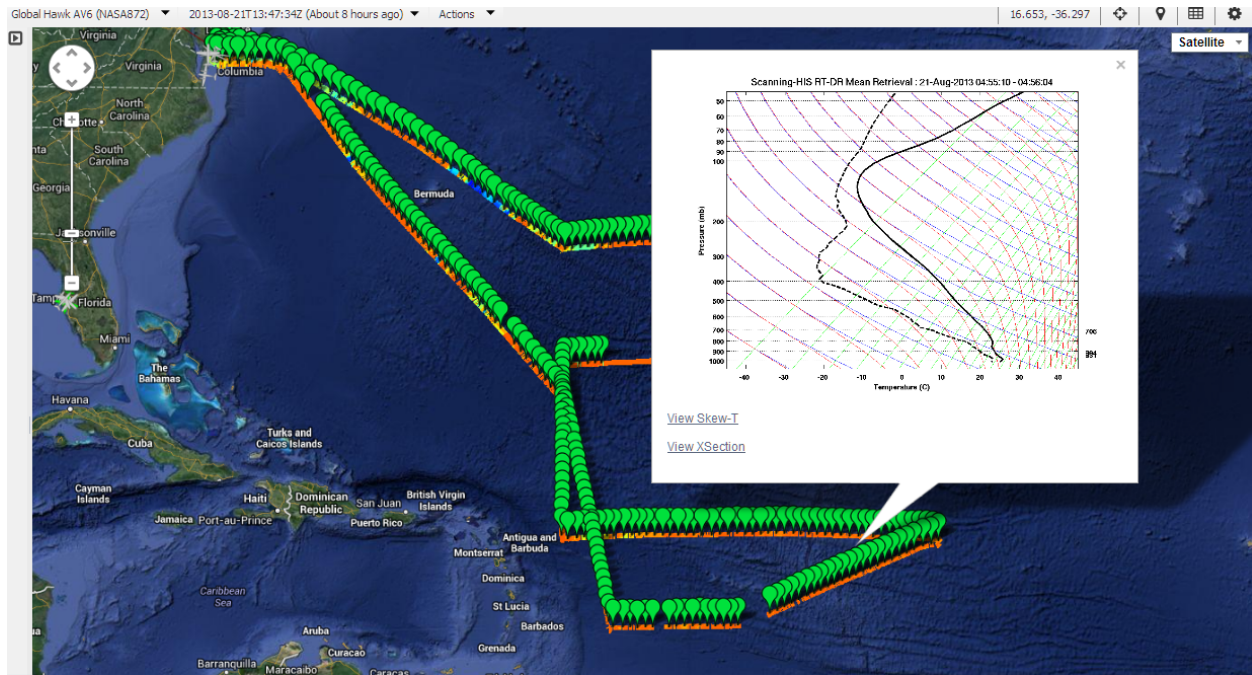
Timeline (All times are UTC and approximate):

- 20130820T1237 SHIS power ON prior to takeoff
- 20130820T1242 Takeoff
- 20130820T2247 SHIS power OFF requested by PM inflight to diagnose AVAPS
- 20130820T2308 SHIS power ON
- 20130820T2320 SHIS detector at 78 K. Back to normal operation.
- 20130821T1208 Descent heaters ON
- 20130821T10223 Instrument power OFF before descent
- 20130821T10243 Instrument power ON
- 20130821T10306 Instrument power OFF
- 20130821T10347 Landing

S-HIS Quicklook BT Map for flight 20130820 at 11 microns ($985-905\text{ cm}^{-1}$)



S-HIS Retrieval: SkewT Quicklook Example



S-HIS Retrieval: RH x-section Quicklook Example: 3rd leg West to East into SAL at 17.4 North Latitude

