

Brown-0207 (7 February 2020)

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Compiled: 02.07 / 18:30 AST

1. Objective

Heading to new "Station Point" ($13^{\circ} 51' N / -54^{\circ} 54' W$) arriving this evening around 1900 AST to sample aerosol, clouds, BL, ocean properties. Leave Station Point tomorrow early morning (Sat ~0200 AST) to be positioned near Wave Glider for recovery (Sat ~0900 AST).

2. Synoptic Situation

No update while we are in transit.

3. Cruise-day Elements

Balloon launches started today with the 04 UTC sonde and then every 4 hours (see Figs below).

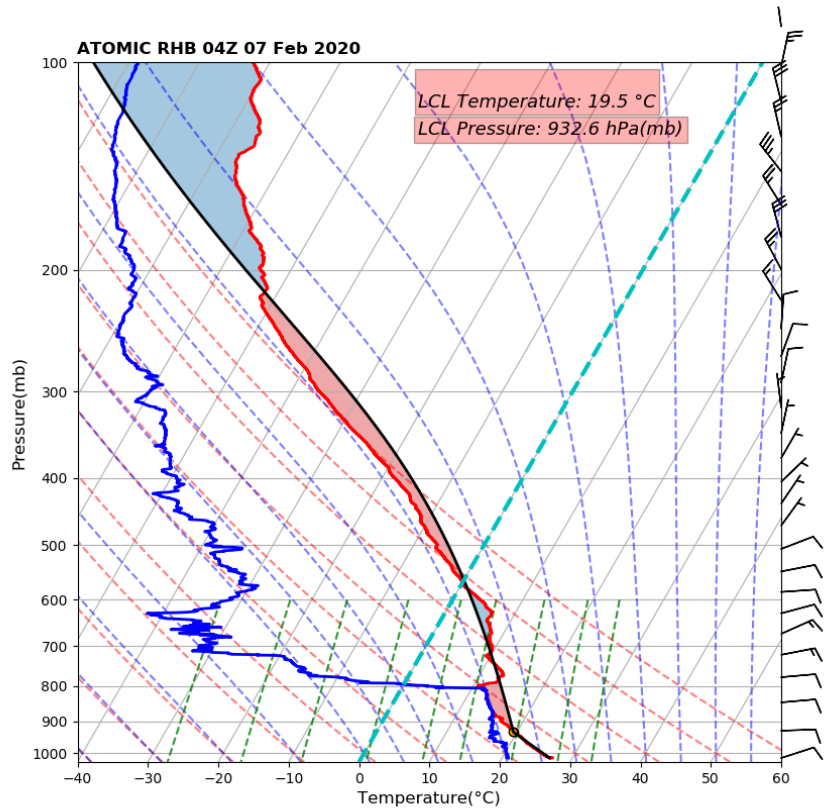
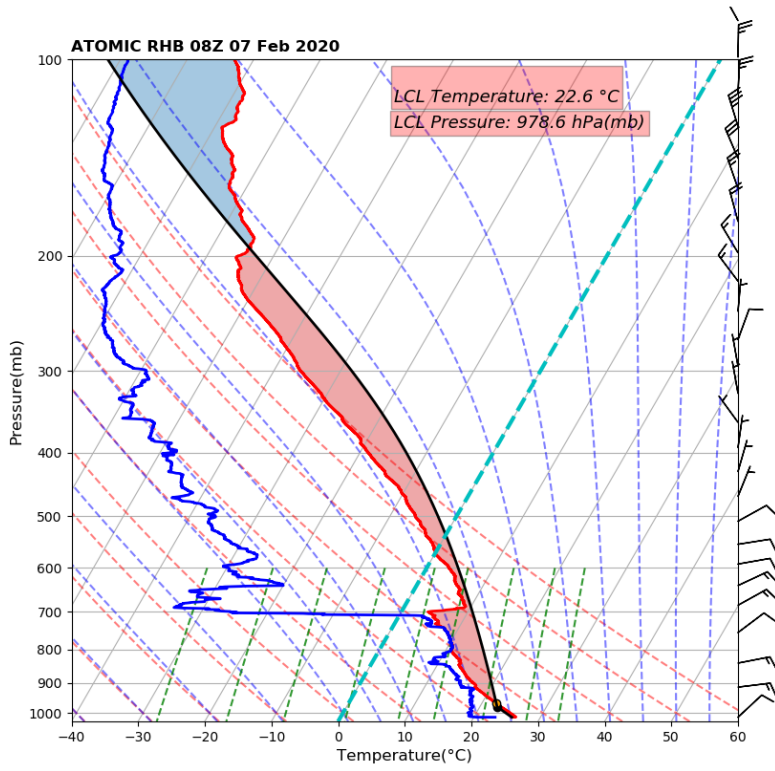
4. Instrument Status

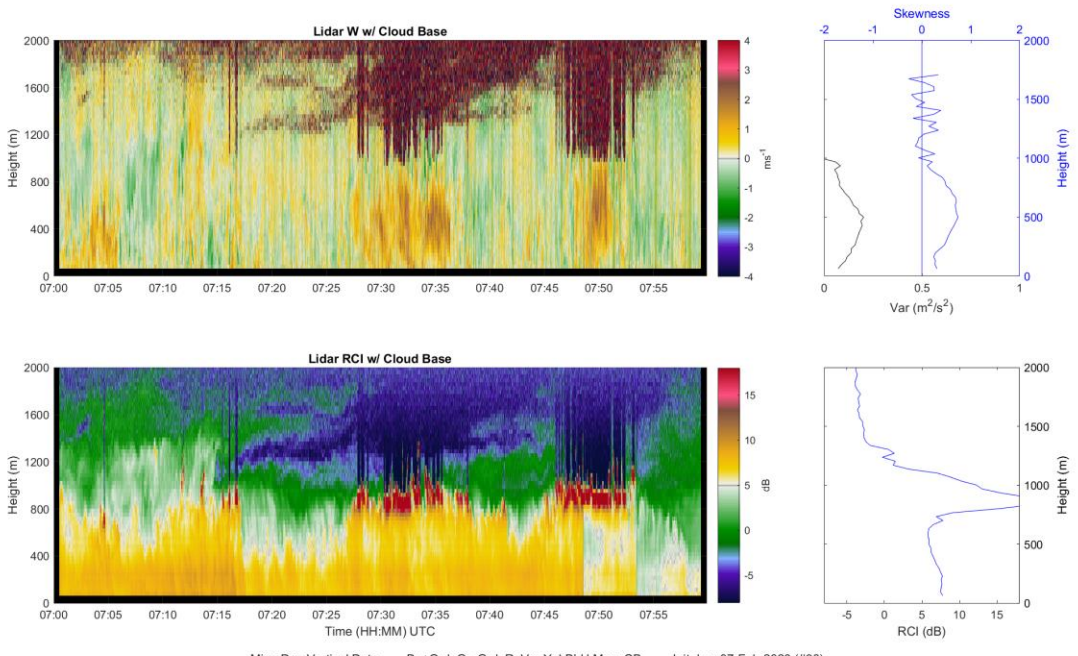
Wave Glider 245 is not navigating properly and will be recovered tomorrow morning (Sat, 8 Feb). Radar was successfully turned on at 1500 AST yesterday.

5. Outlook

Recover Wave Glider 245 tomorrow (Sat, 8 Feb) morning around 0900 AST. Transit to back Station Point ($13^{\circ} 51.0' N / -54^{\circ} 54.0' W$). Stay at Station Point until 9 Feb. Recover assets 10-11 Feb. Transit back to Barbados on 12 Feb. In port on 13 Feb.

6. Figures





MicroDop Vertical Data - B: +Grd, G: -Grd, R: Var Yel:BLH Mag:CB - Init day: 07-Feb-2020 (#38)