

Brown-0212 (12 February 2020)
Janet Intrieri (Chief Scientist)
Compiled: 02.12 / 19:30 AST
(All times in AST unless noted otherwise)



1. Objective

Transiting to Barbados port all day today, complete sampling

2. Synoptic Situation

No cloud report submitted today

3. Cruise-day Elements

02:00 AST – Completed ocean front uCTD sampling

10:45 AST – Last balloon launched

15:00 AST - Lidar turned off

20:00 AST - Radar and ceilometer turned off

4. Instrument Status

See above. Systems systematically shutdown throughout day.

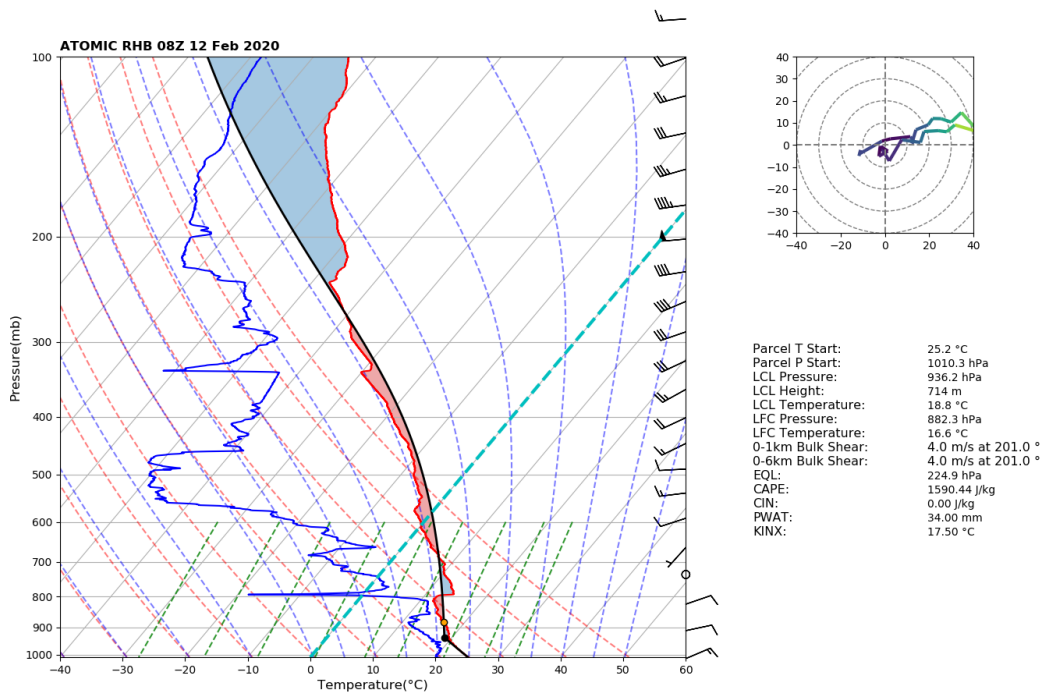
5. Outlook

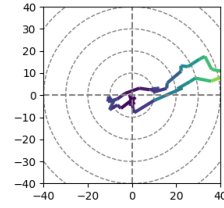
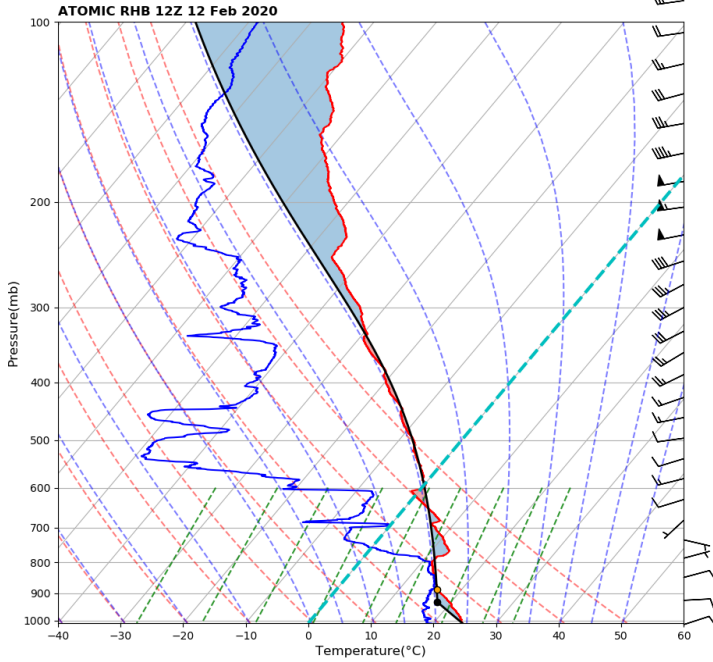
Feb 13

06:00 AST Arrive just off shore of Barbados to await pilot

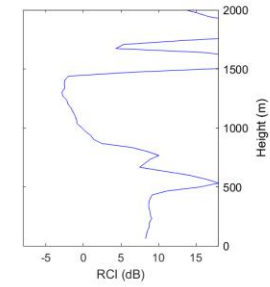
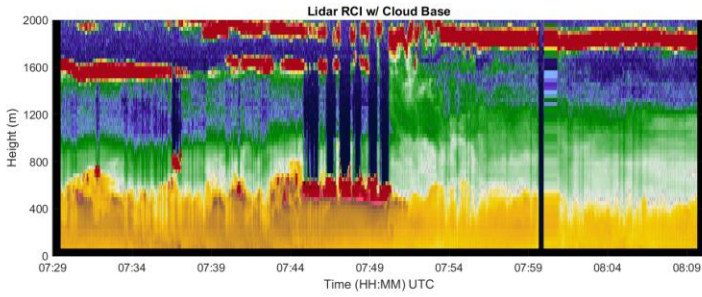
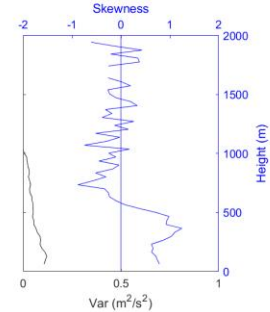
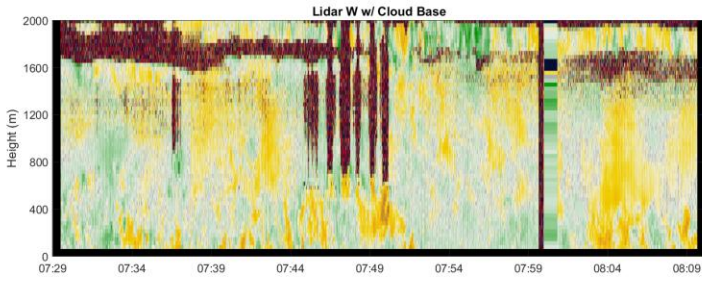
07:30 AST Requested time for pilot to bring ship into port of Barbados

6. Figures





Parcel T Start: 24.6 °C
 Parcel P Start: 1010.1 hPa
 LCL Pressure: 931.8 hPa
 LCL Height: 757 m
 LCL Temperature: 17.8 °C
 LFC Pressure: 888.0 hPa
 LFC Temperature: 16.0 °C
 0-1km Bulk Shear: 3.0 m/s at 142.0 °
 0-6km Bulk Shear: 3.0 m/s at 142.0 °
 EQL: 927.6 hPa
 CAPE: 1035.52 J/kg
 CIN: 0.00 J/kg
 PWAT: 37.32 mm
 KINX: 22.10 °C



MicroDop Vertical Data - B: +Grd, G: -Grd, R: Var Yel:BLH Mag;CB - Init day: 12-Feb-2020 (#43)

