

BCO-0121

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Calm easterly winds with very few clouds, low rain.

Field	Quantity	Notes
Temperature	Min: 25.4 Mean: 26.5 Max: 27.5	WeatherSensor WXT530
Rel. Humidity	Min: 65.3 Mean: 71.1 Max: 78.9	WeatherSensor WXT530
Windspeed 2m	Min: 1.3 Mean: 6.1 Max: 10.9	WeatherSensor WXT530
Winddirection	EastNorthEast	WeatherSensor WXT530
Rainfall	No Rain	WeatherSensor WXT530

3. Instrument Status

BCO: Instruments were running, 6 radiosondes with descents on parachutes recorded

EUREC4A-ISO: running

MPI-C Ragged Point: No further updates

EUREC4A-UK Ragged Point:

Single Particle (laser ablation) Mass Spectrometer (LAAPTOF),

AMS (Aerosol Mass Spectrometer),

CN (CPC TSI376000),

WIBS-4 (Bio-aerosol spectrometer)

APS (aerodynamic Particle Spectrometer)

PoldiRad: No further update.

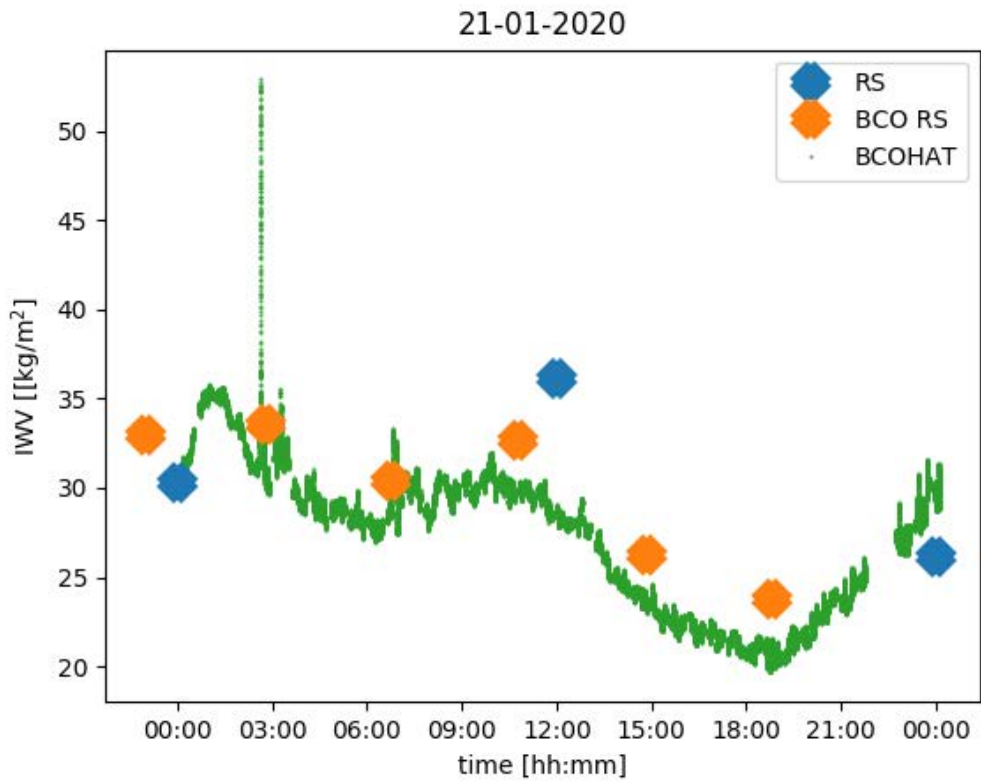
WetDepositionSampler TU Darmstadt: running

4. Outlook

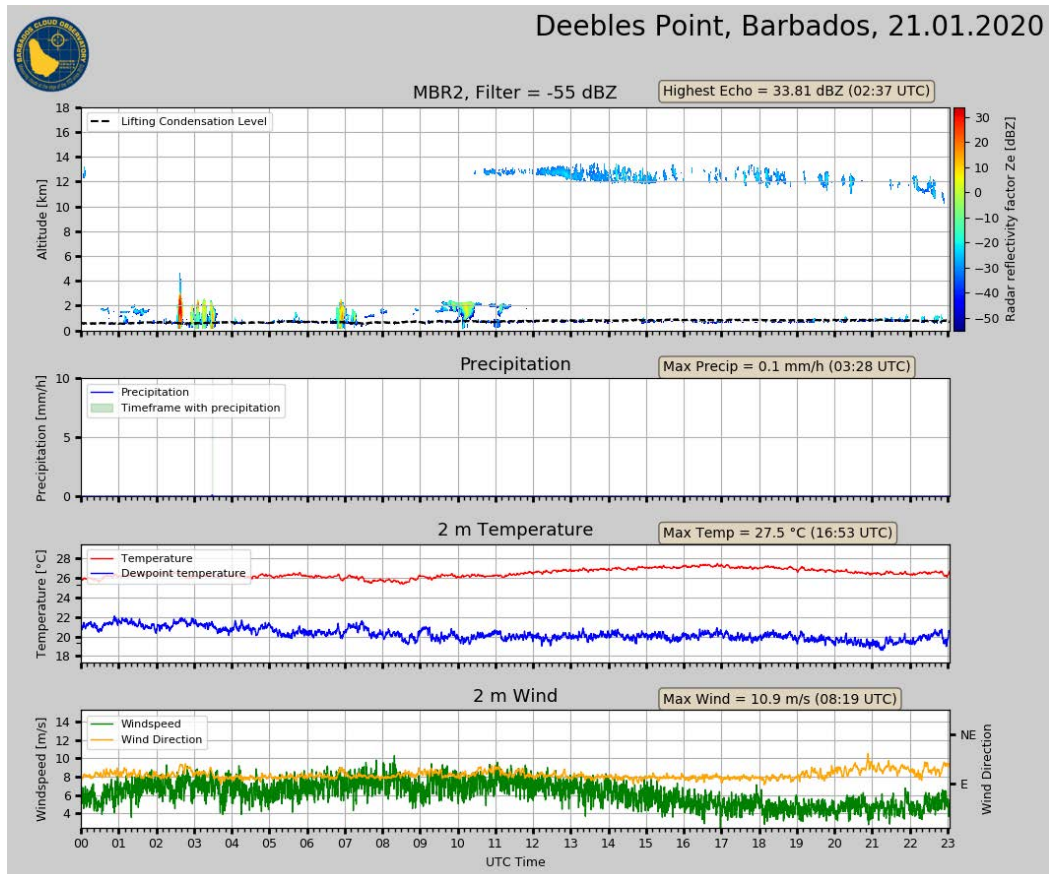
As normal operation as possible...

5. Figures

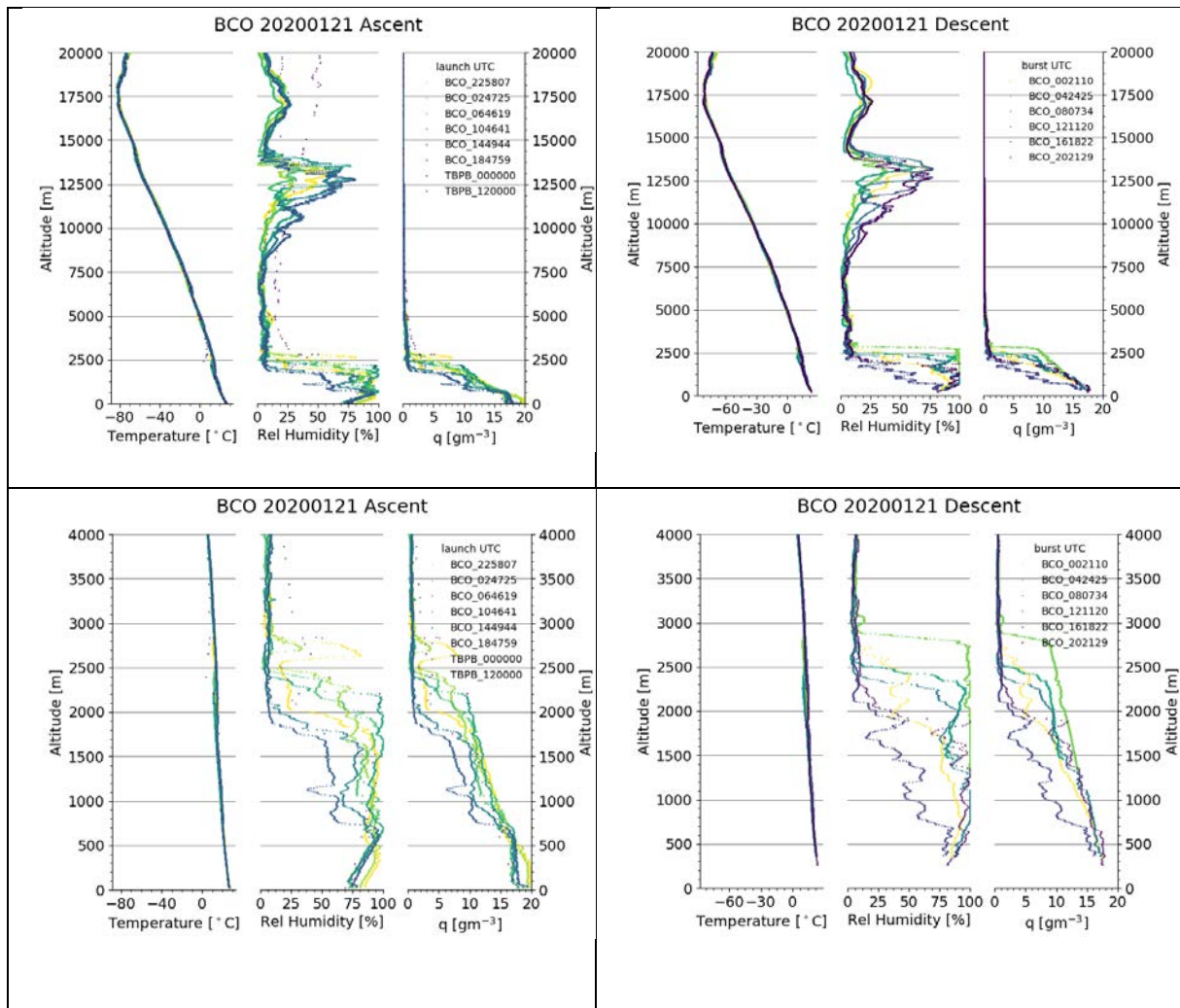
IWV Intercomparison Radiometer/Radiosondes



Ka-Band-Radar/Weathersensor



Radiosondes



Water vapor mixing ratio, glue, res.: 120s, 60m-180m

