

BCO-0125

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Extrem calm easterly winds, low amount of clouds

Field	Quantity	Notes
Temperature	Min: 26.6 Mean: 25.7 Max: 28.3	WeatherSensor WXT530
Rel. Humidity	Min: 64.3 Mean: 73.4 Max: 80.1	WeatherSensor WXT530
Windspeed 2m	Min: 0.22 Mean: 2.75 Max: 6.47	WeatherSensor WXT530
Winddirection	East	WeatherSensor WXT530
RainSum	0.0	

3. Instrument Status

BCO: Instruments were running, 6 radiosondes ascents with 5 descents on parachutes recorded

EUREC4A-ISO: running

MPI-C Ragged Point: running

EUREC4A-UK Ragged Point: All aerosol instruments operational.

PoldiRad: "THE" Poldirad-Day (!)

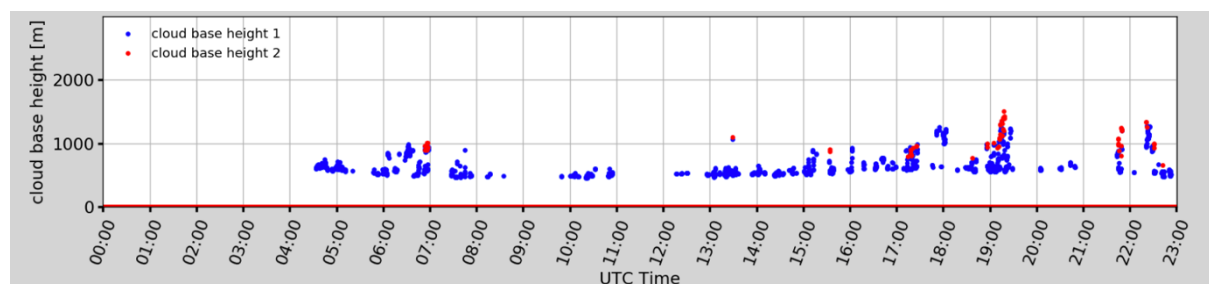
WetDepositionSampler TU Darmstadt: running

4. Outlook

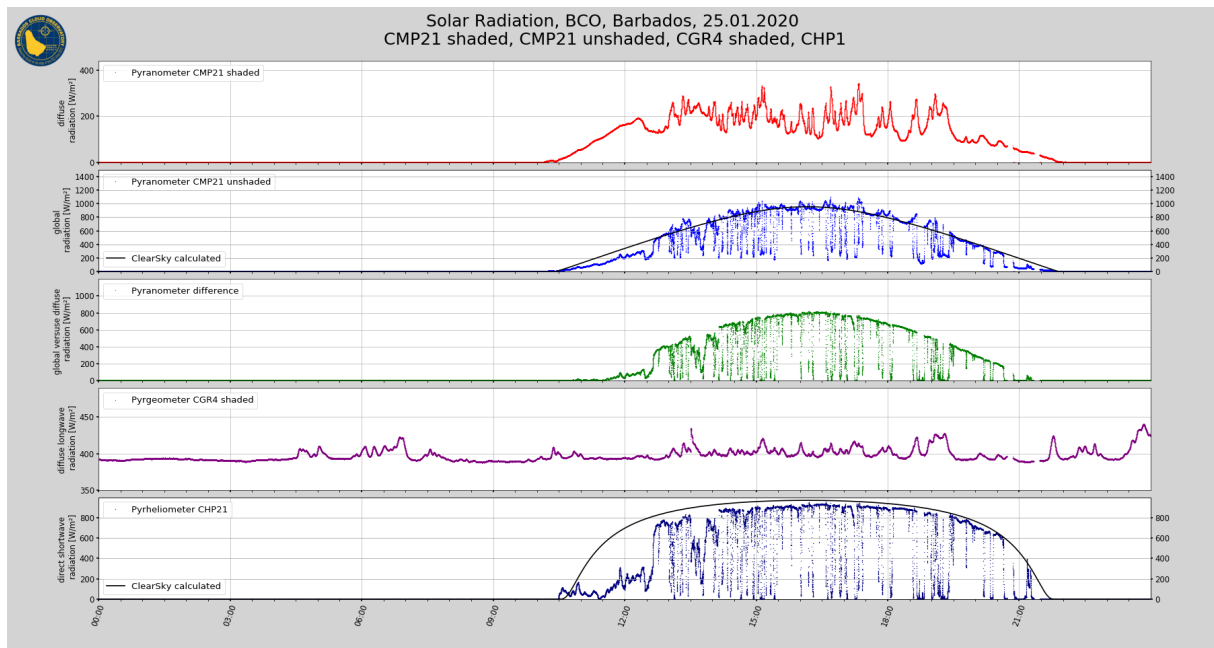
As normal operation as possible...

5. Figures

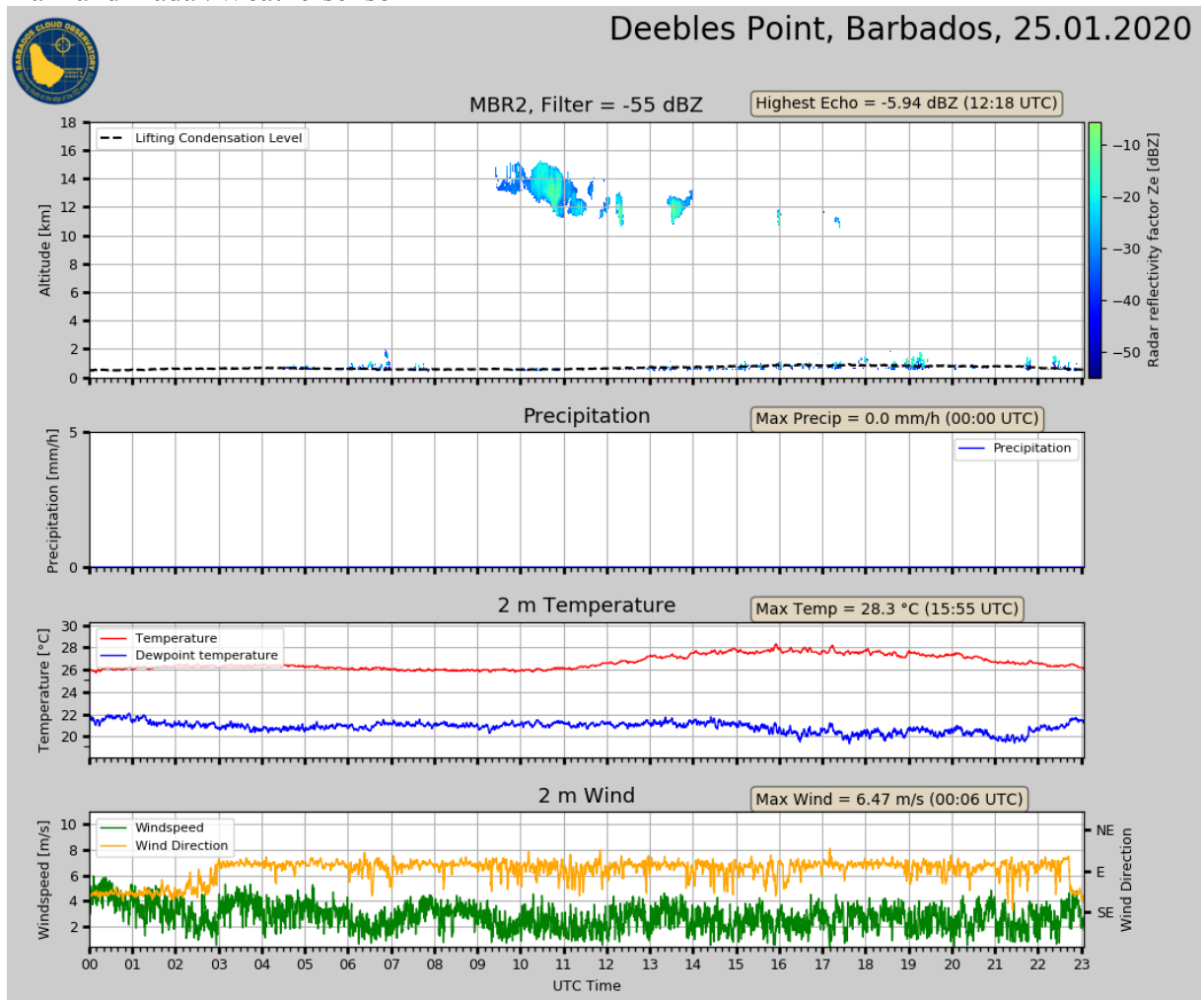
CBH Ceilometer



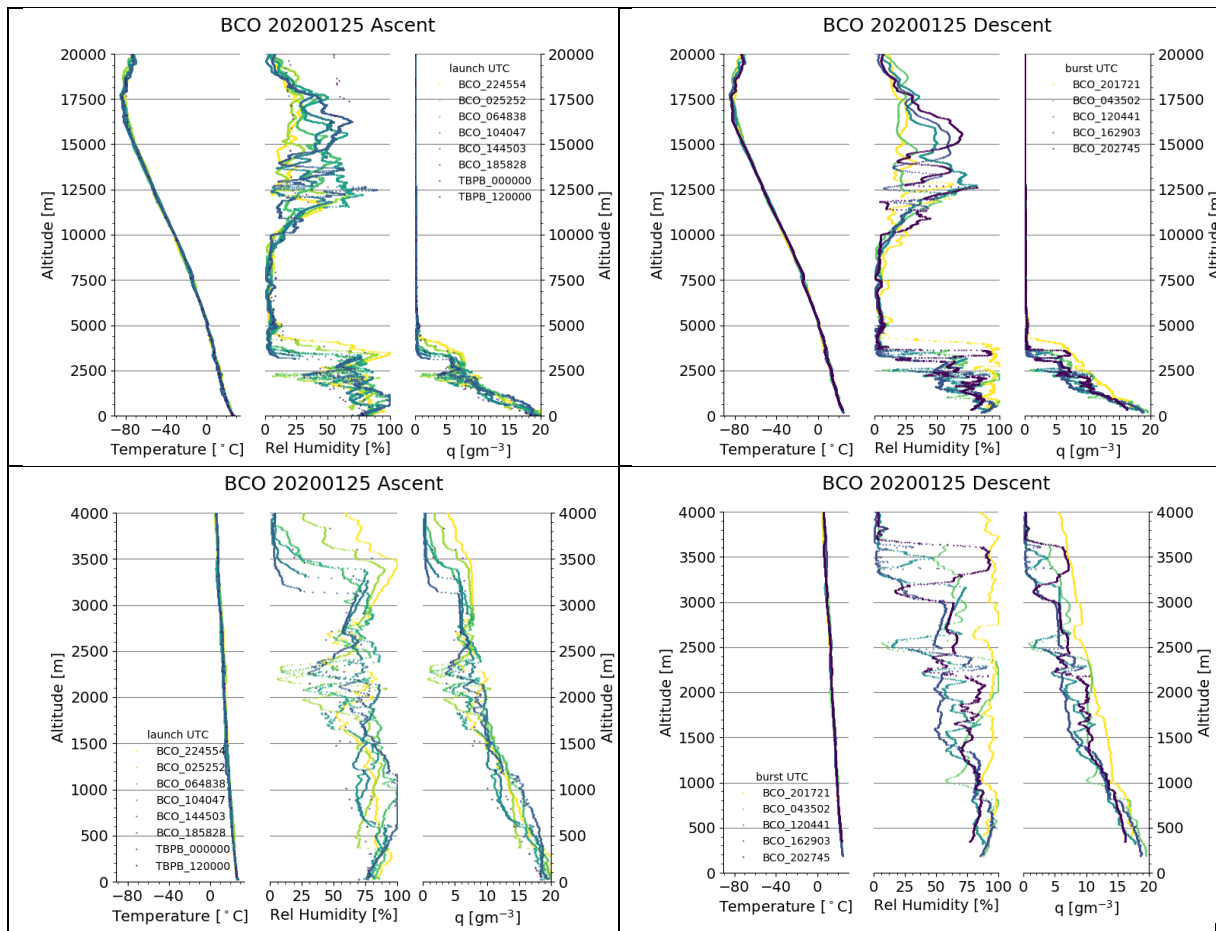
Radiation:



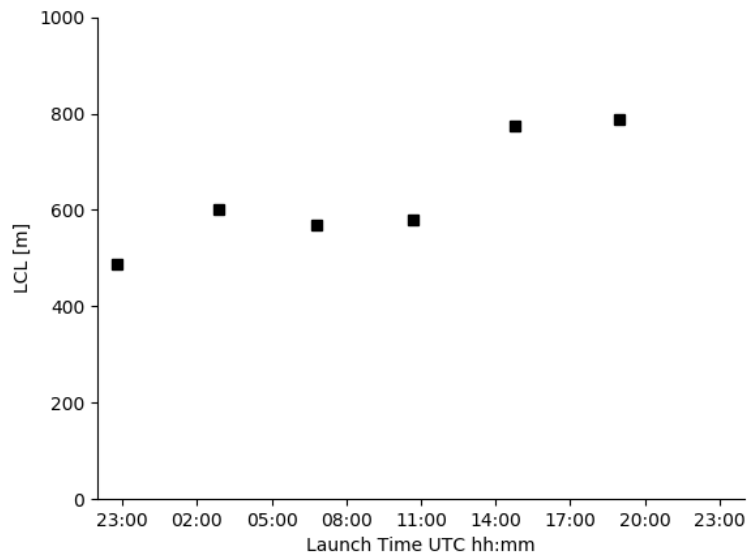
Ka-Band-Radar/Weathersensor



Radiosondes



BCO 20200125 Ascent



IWV Comparison

