

BCO-0127

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Again extrem calm easterly winds, low amount of clouds, no rain

Field	Quantity	Notes
Temperature	Min: 25.7 Mean: 26.6 Max: 27.7	WeatherSensor WXT530
Rel. Humidity	Min: 60.5 Mean: 67.9 Max: 75.6	WeatherSensor WXT530
Windspeed 2m	Min: 0.35 Mean: 2.9 Max: 6.4	WeatherSensor WXT530
Winddirection	EastSouthEast	WeatherSensor WXT530
RainSum	0.0	

3. Instrument Status

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

EUREC4A-ISO: running

MPI-C Ragged Point: running

EUREC4A-UK Ragged Point: all aerosol instruments operational.

PoldiRad: waiting for the telecrane

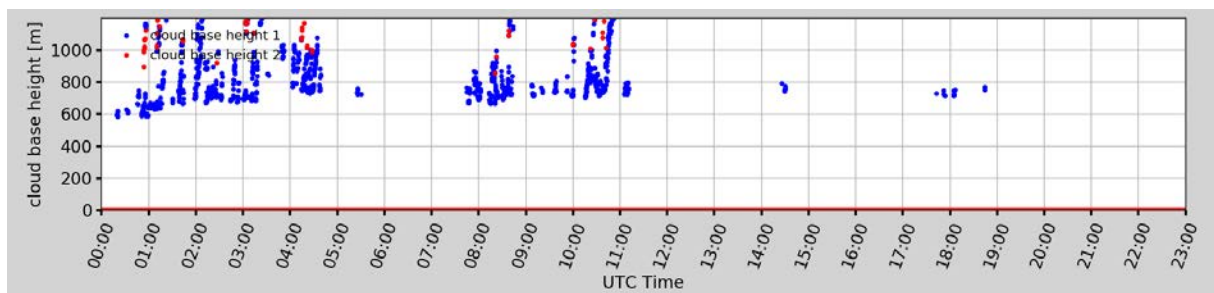
WetDepositionSampler TU Darmstadt: running

4. Outlook

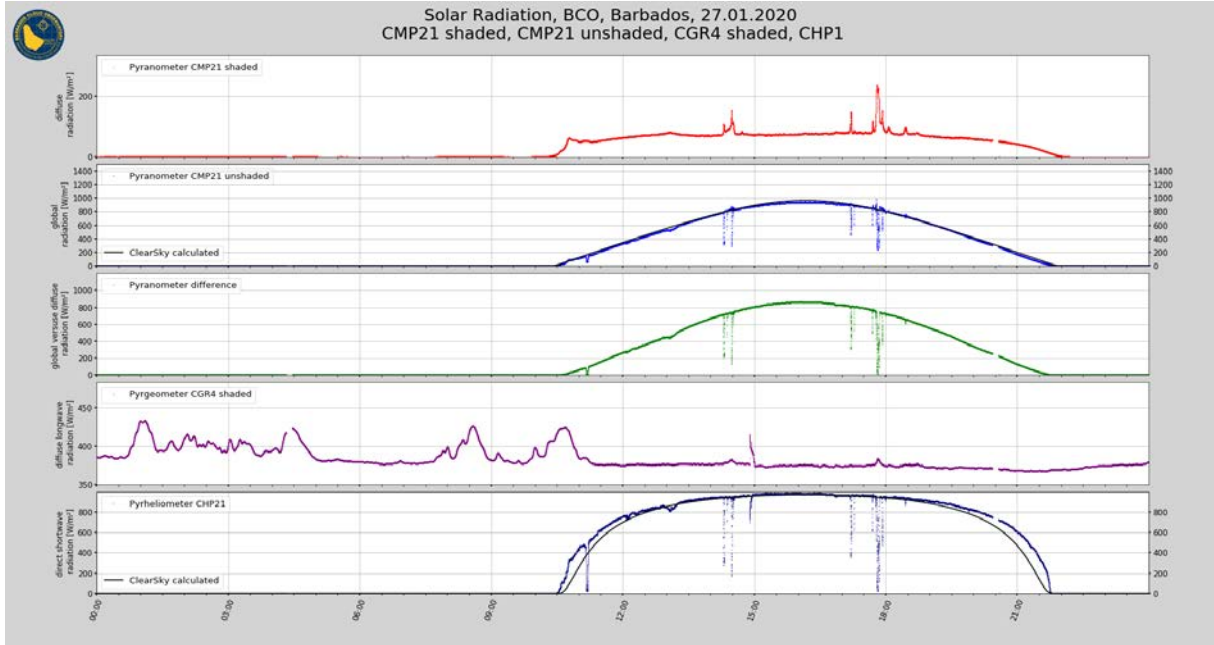
As normal operation as possible...

5. Figures

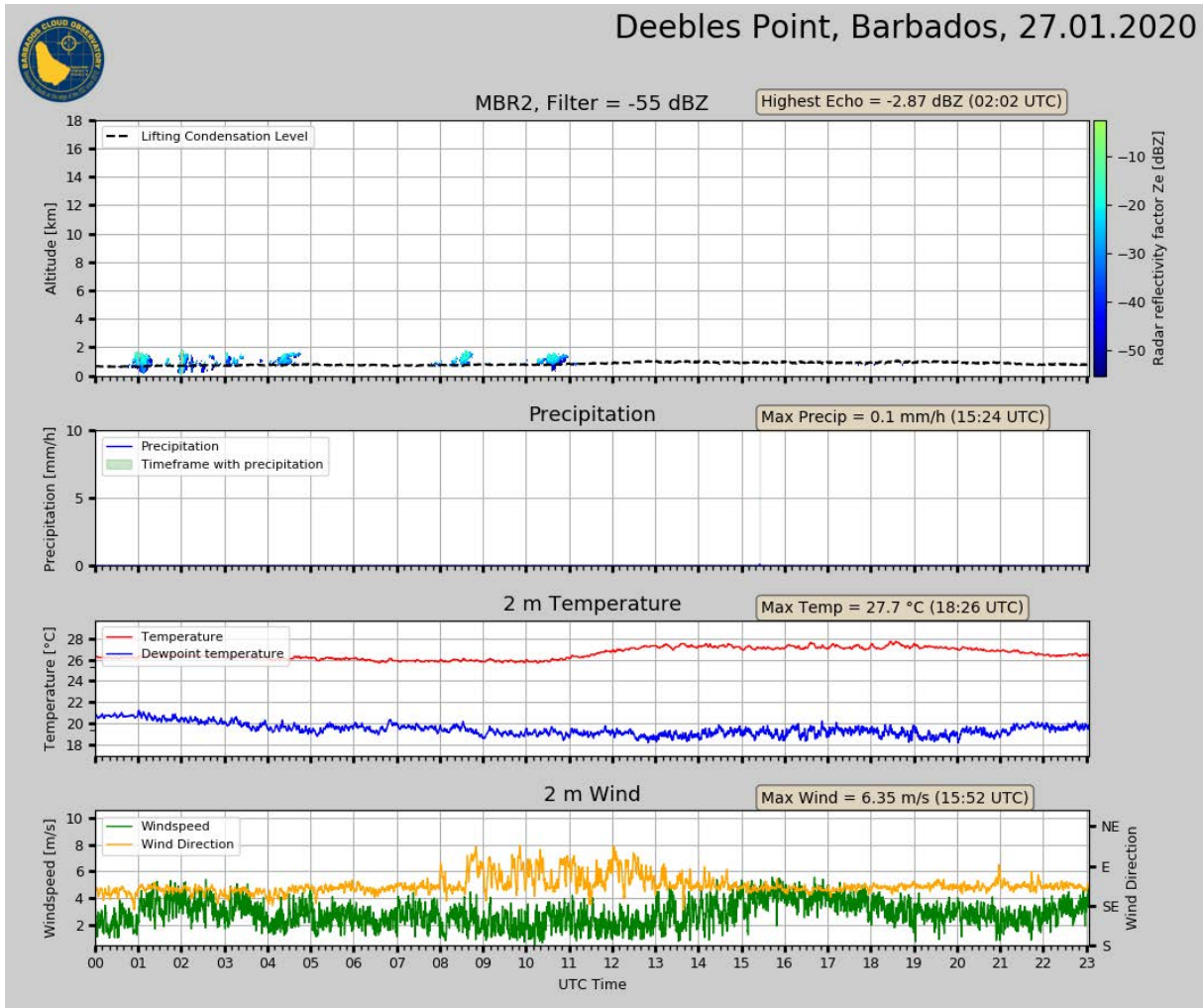
CBH Ceilometer



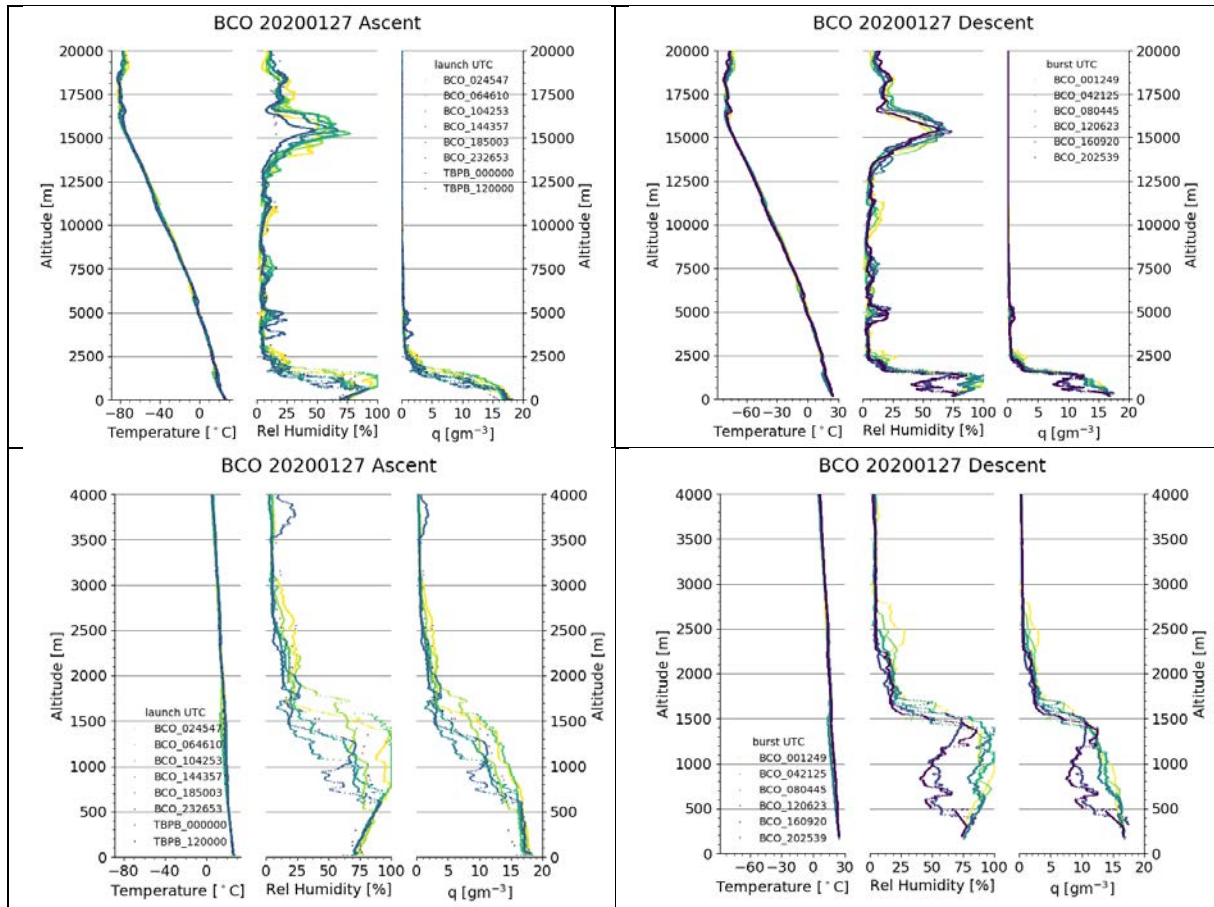
Radiation:



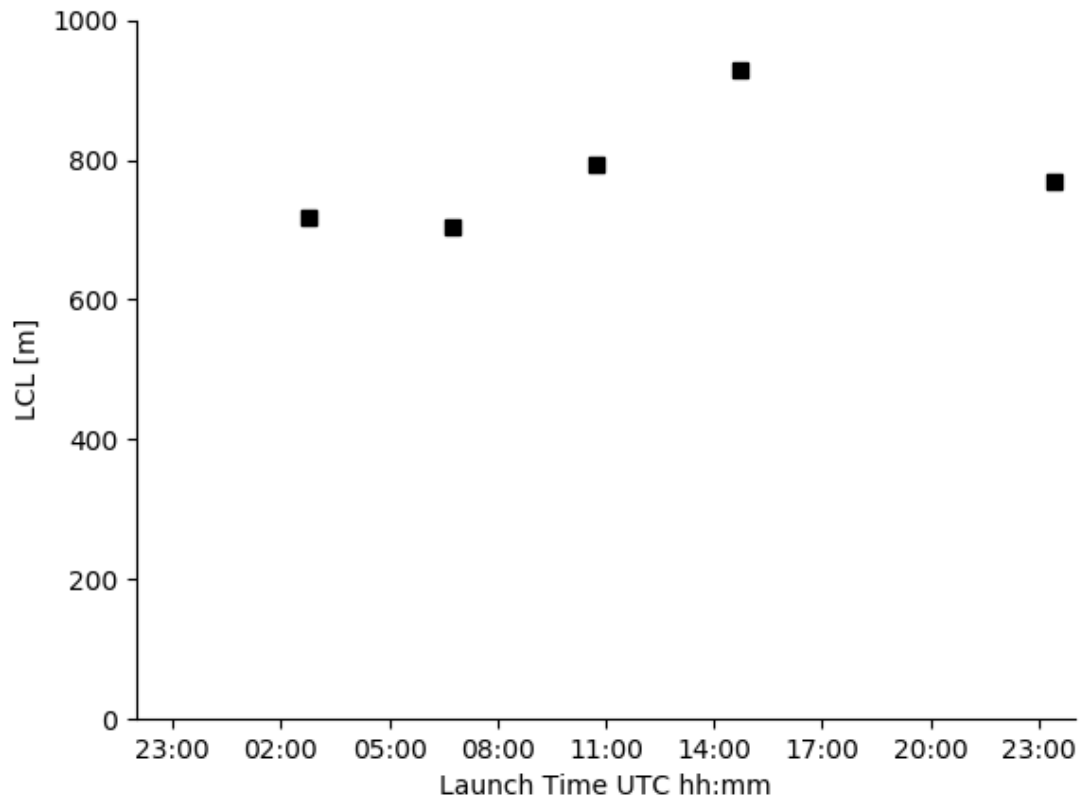
Ka-Band-Radar/Weathersensor



Radiosondes:

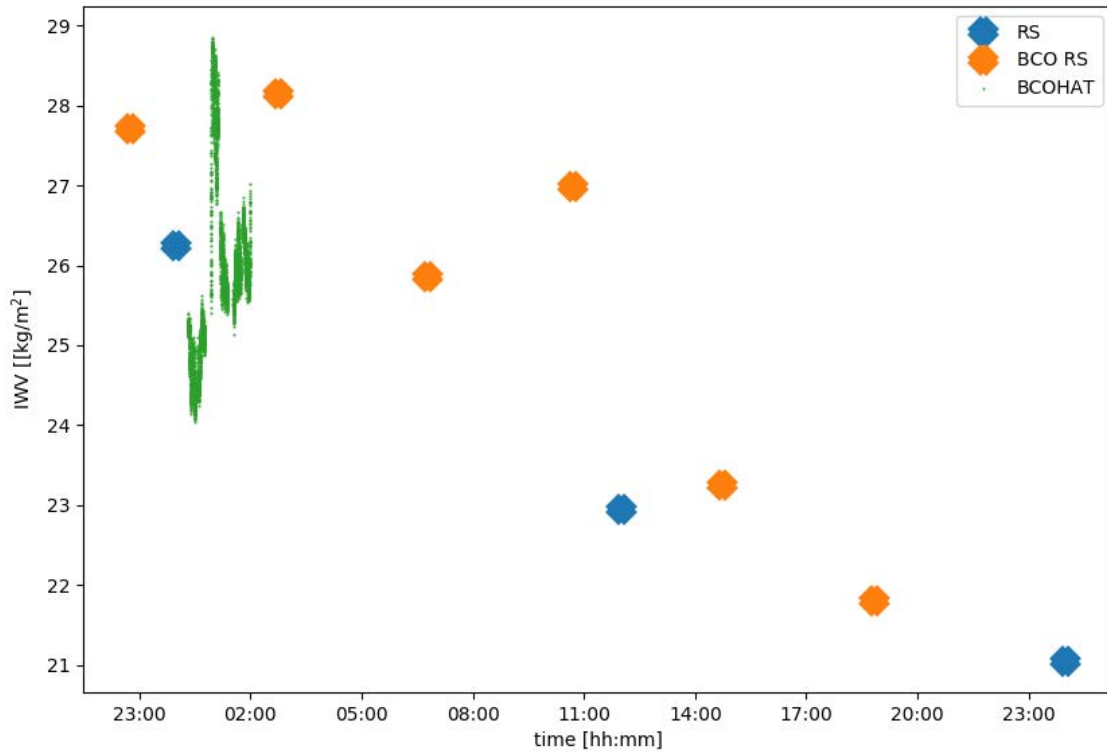


BCO 20200127 Ascent



IWV Comparison

27-01-2020



(Still problems with the Radiometer at the BCO)

Cloudimager Plot 20200127

