

BCO-0123

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Easterly winds and again huge amount of rain

Field	Quantity	Notes
Temperature	Min: 22.8 Mean: 25.2 Max: 26.7	WeatherSensor WXT530
Rel. Humidity	Min: 65.0 Mean: 79.1 Max: 90.8	WeatherSensor WXT530
Windspeed 2m	Min: 0.3 Mean: 4.3 Max: 10.3	WeatherSensor WXT530
Winddirection	East	WeatherSensor WXT530
Rainintensity	Max 15.2 mm/h	WeatherSensor WXT530

3. Instrument Status

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

EUREC4A-ISO: running, happy with rainsampling(!!!)

MPI-C Ragged Point: No further updates

EUREC4A-UK Ragged Point: All aerosol instruments operational.

PoldiRad: No further update.

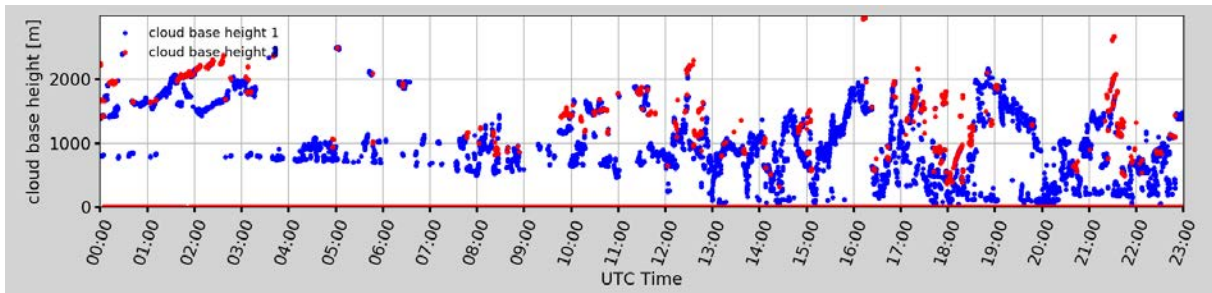
WetDepositionSampler TU Darmstadt: running

4. Outlook

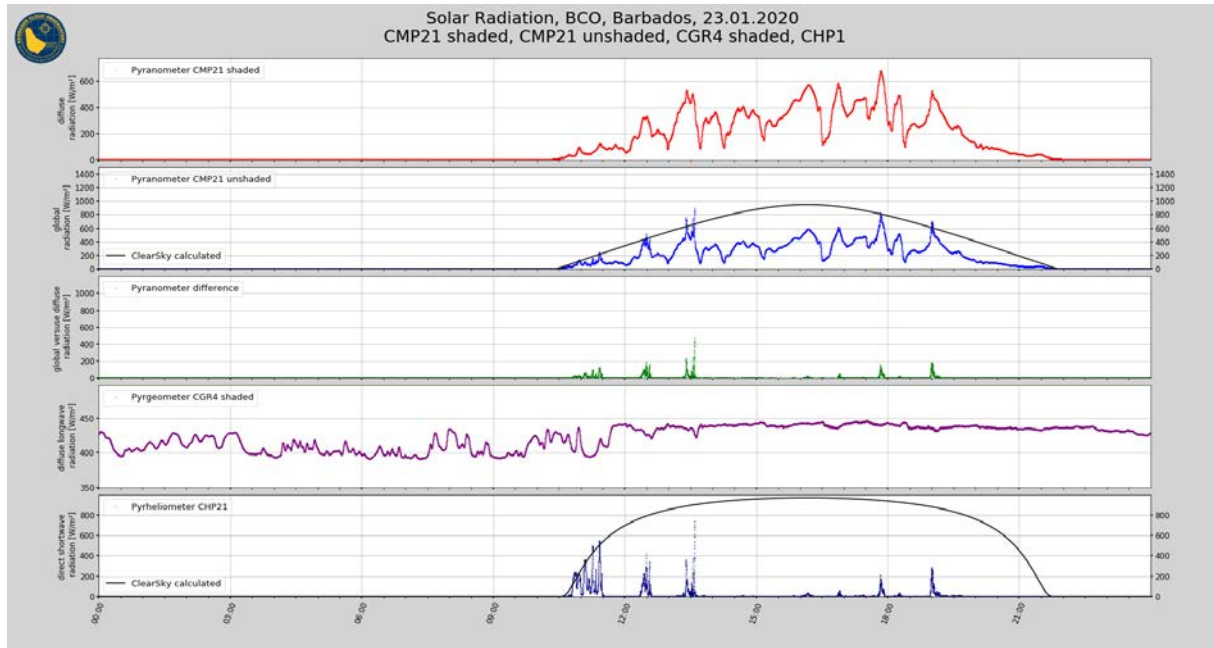
As normal operation as possible...

5. Figures

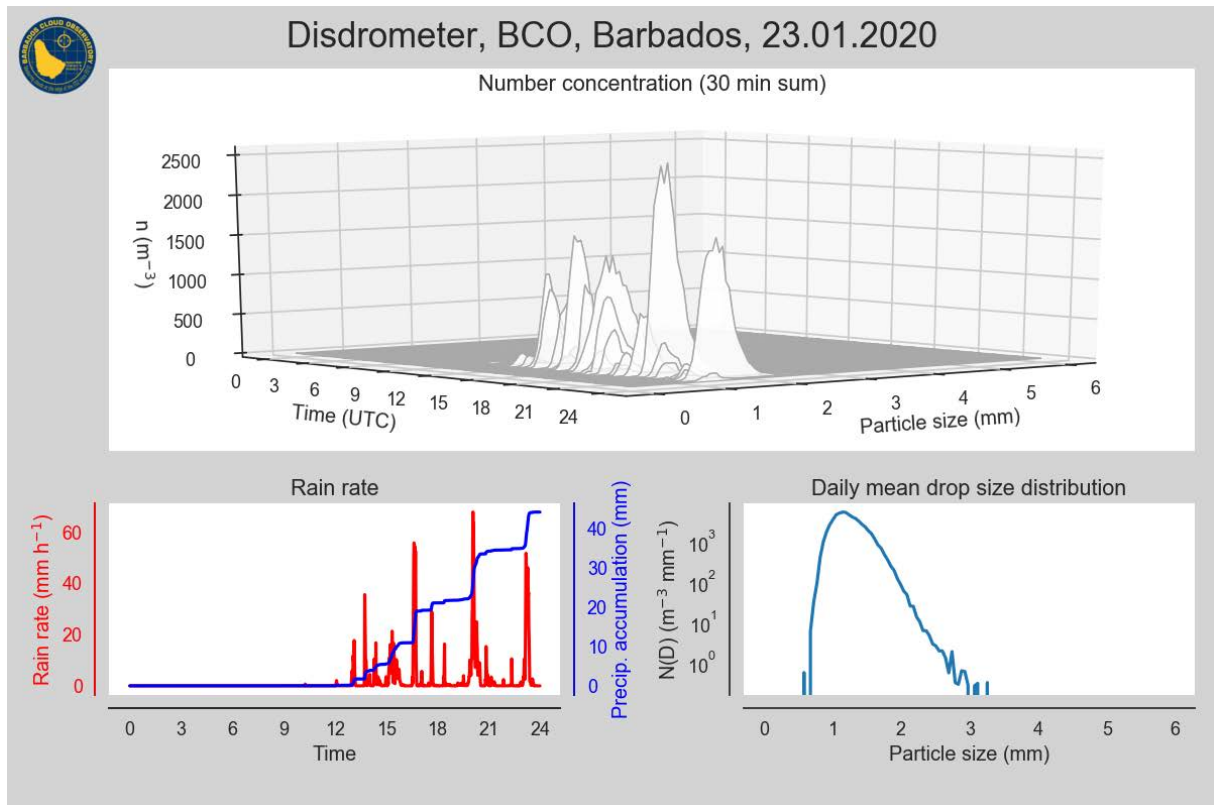
CBH Ceilometer



Radiation:

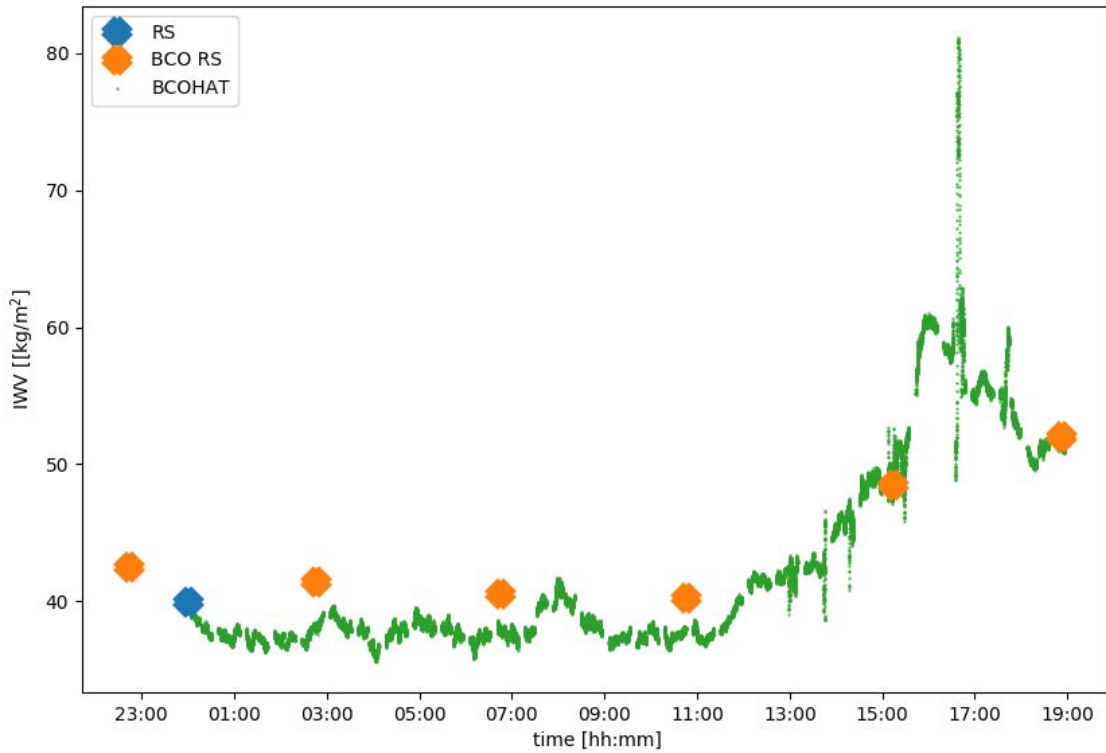


Disdrometer



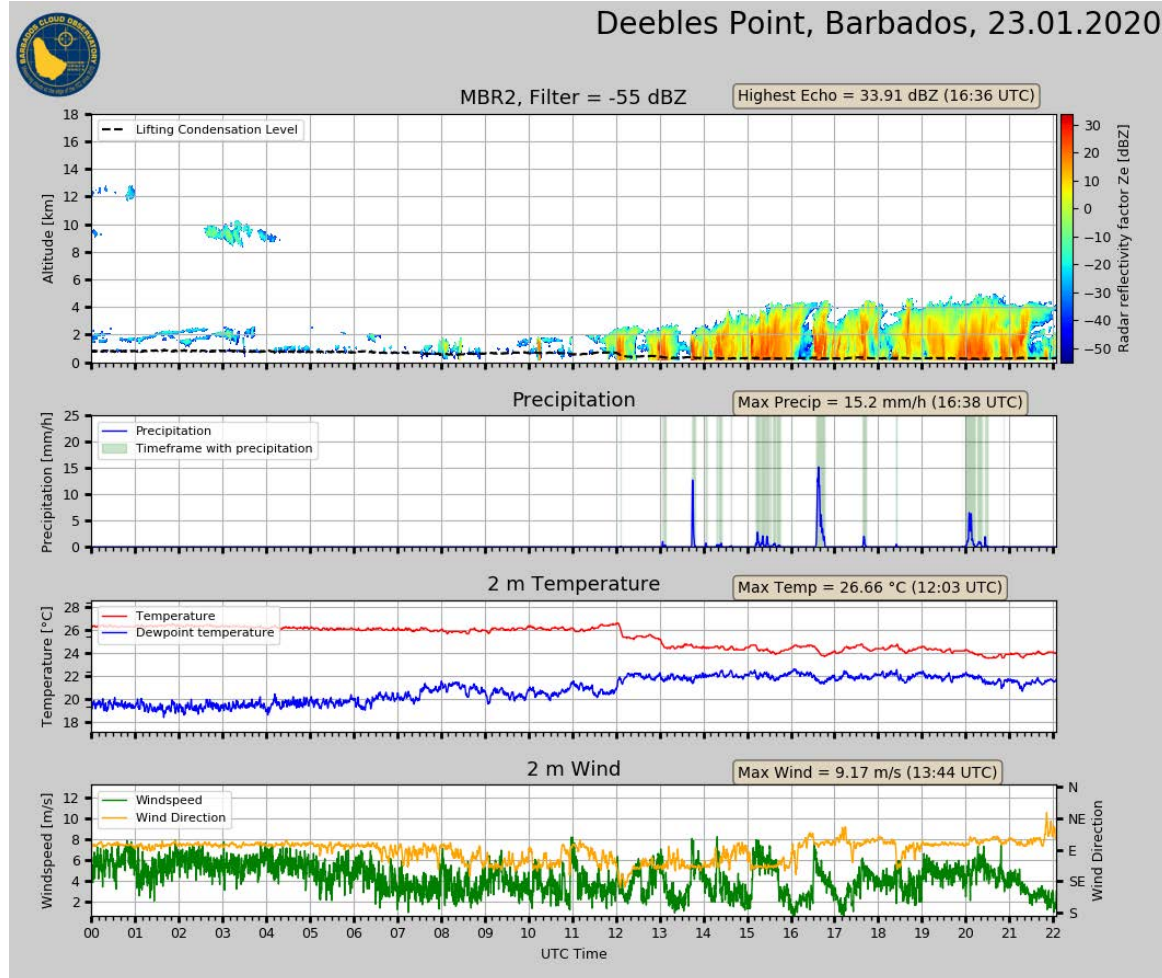
IWV Intercomparison Radiometer/Radiosondes

23-01-2020

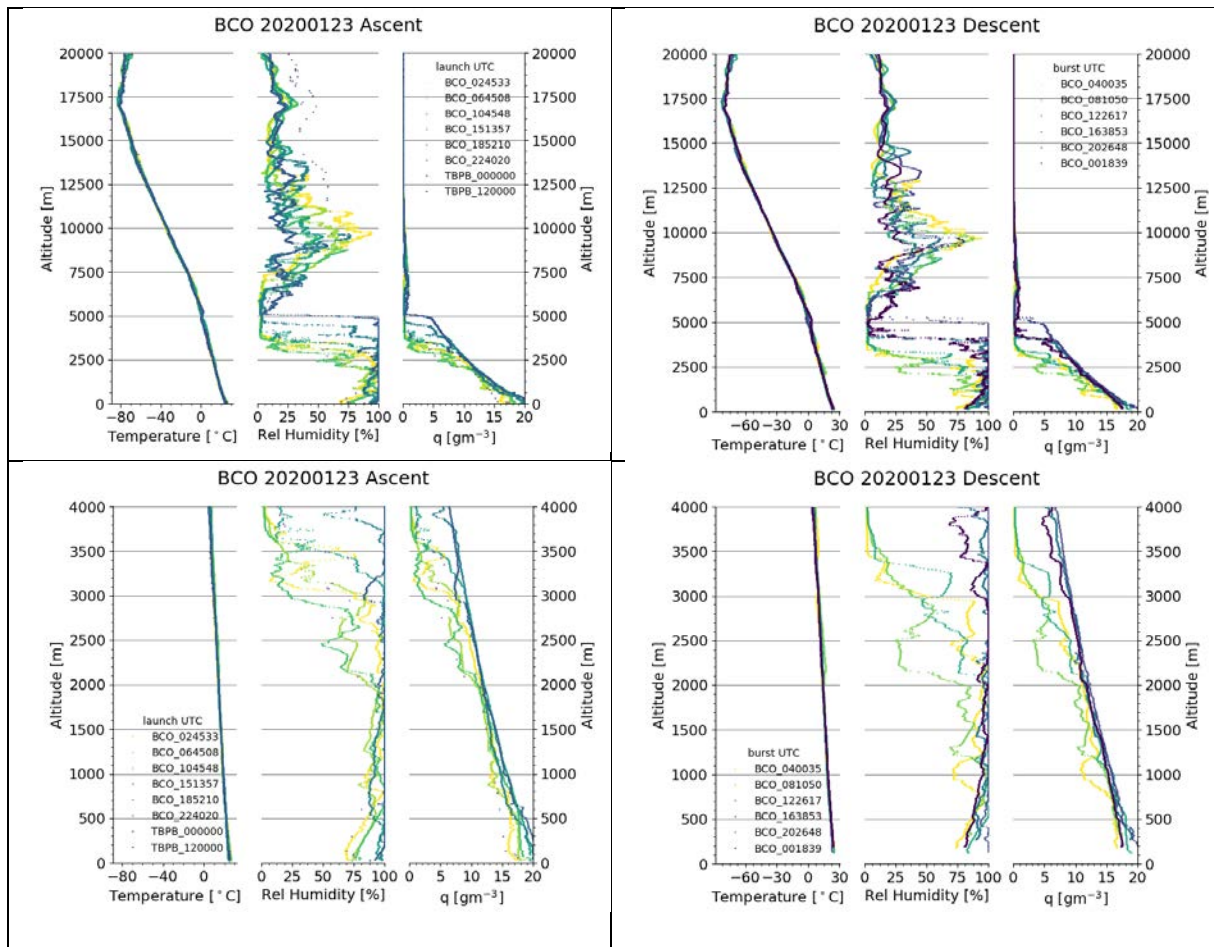


Ka-Band-Radar/Weathersensor

Deebles Point, Barbados, 23.01.2020



Radiosondes



BCO 20200123 Ascent

