

BCO-0202

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching, OpenDay

2. Weather Overview

Calm easterly winds, low amount of clouds, low rain

Field	Quantity	Notes
Temperature	Min: 25.8 Mean: 26.6 Max: 27.7	WeatherSensor WXT530
Rel. Humidity	Min: 61.1 Mean: 70.6 Max: 80	WeatherSensor WXT530
Windspeed 2m	Min: 0.16 Mean: 4.5 Max: 10.4	WeatherSensor WXT530
Winddirection	EAST	WeatherSensor WXT530
RainSum	0.03	

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

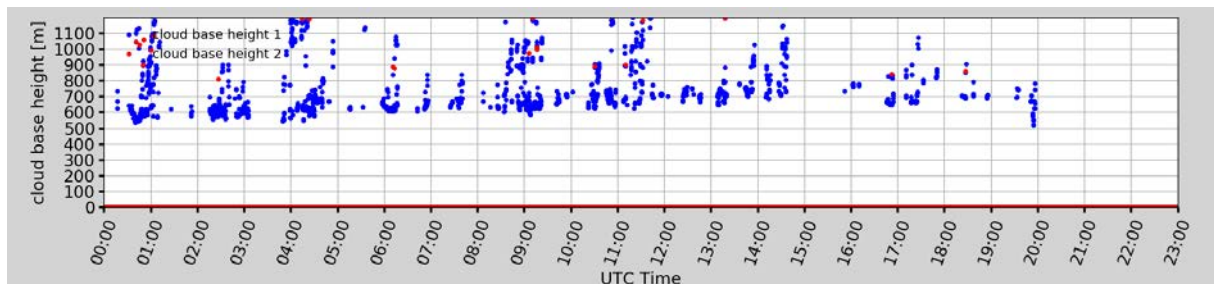
PoldiRad: waiting for BL&P to power up the site, progress in operation

WetDepositionSampler TU Darmstadt: running

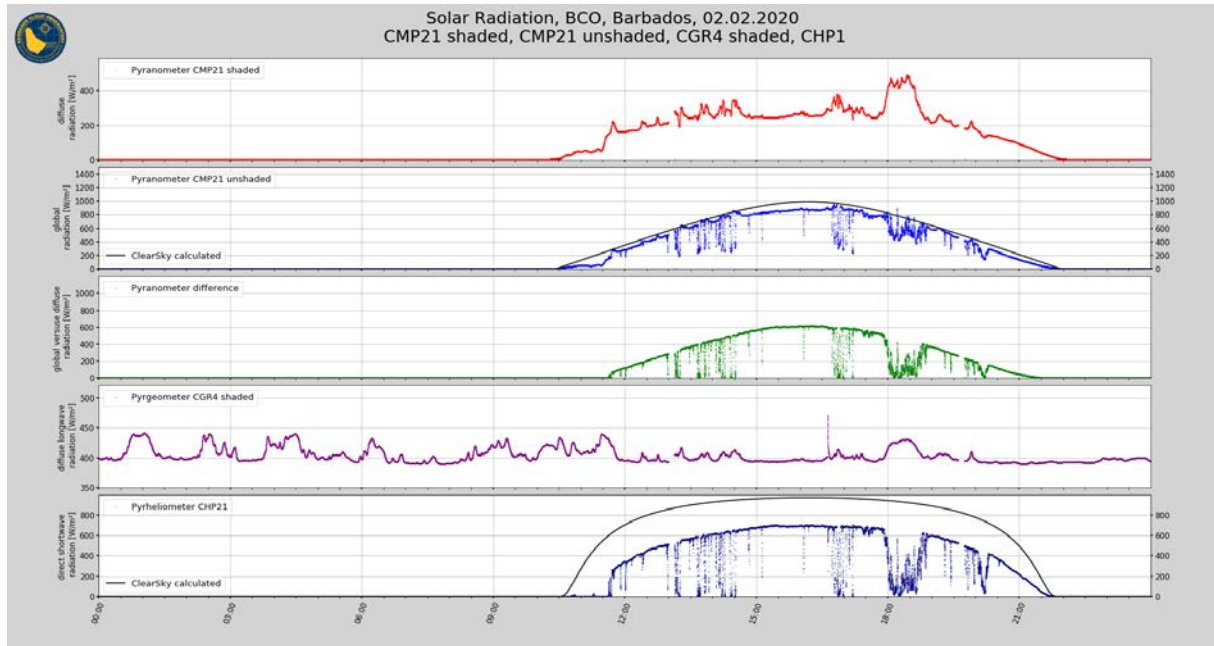
4. Outlook

As normal operation as possible...

5. Figures

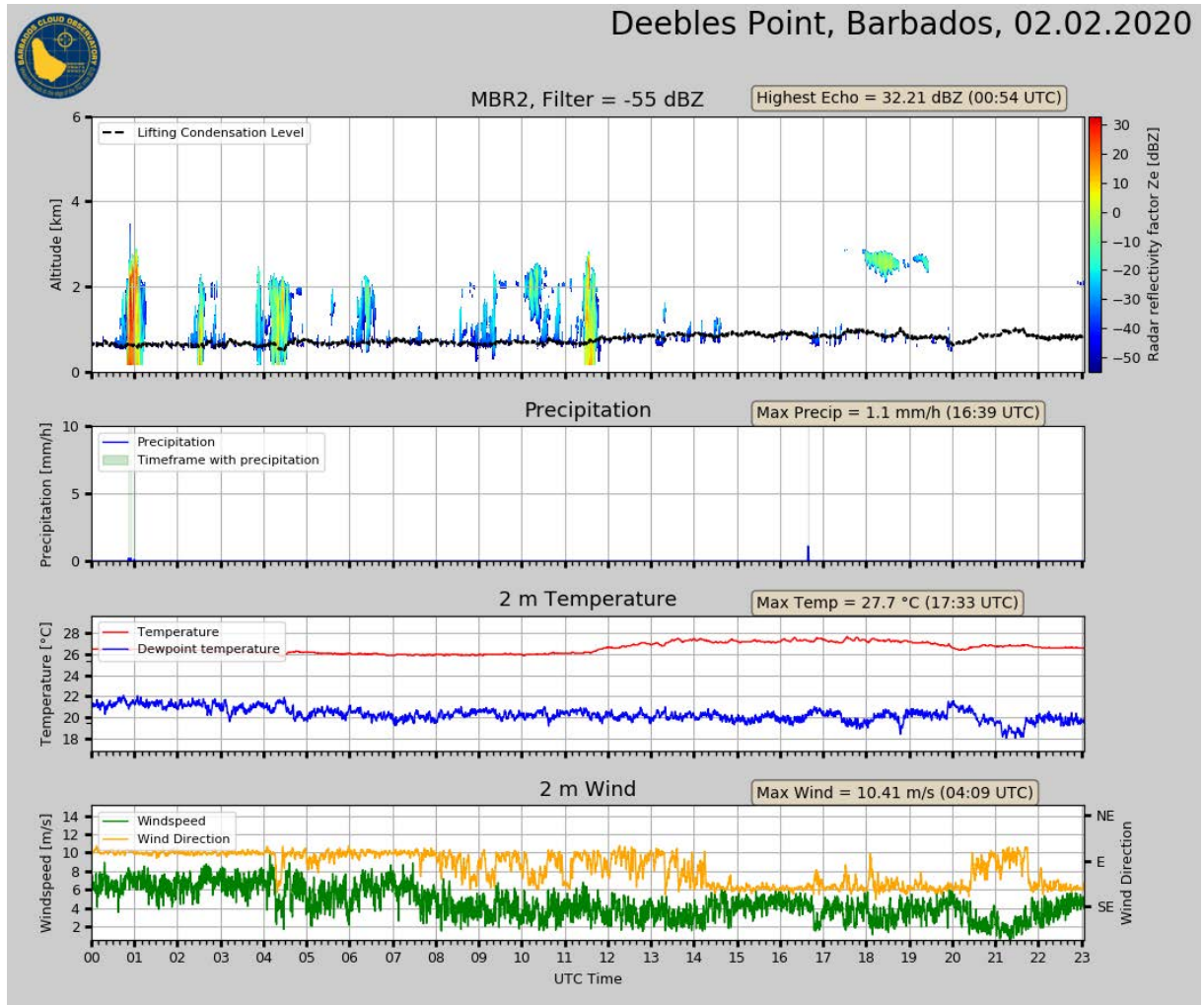


Radiation:

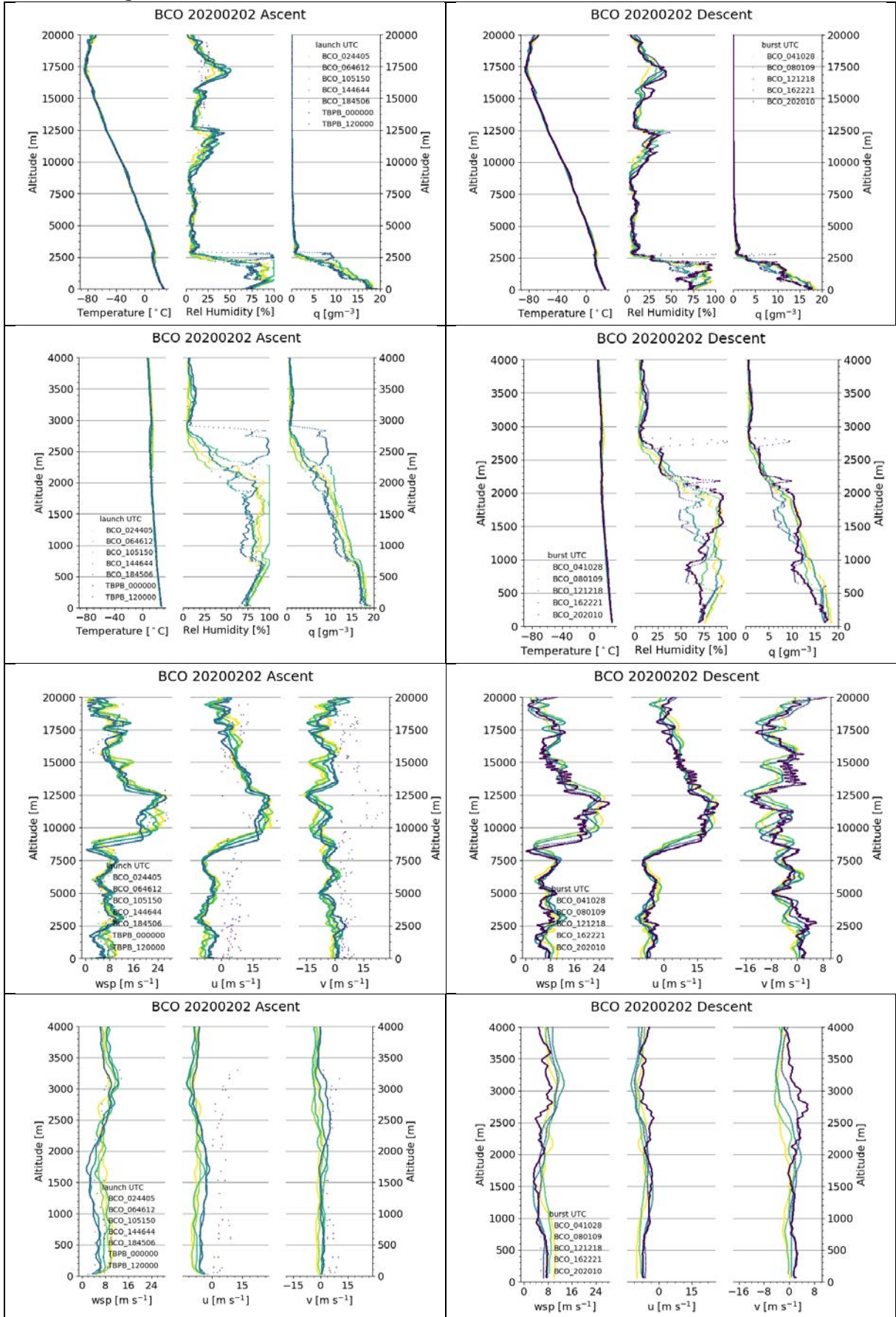


(Strong dust influence for the Pyrheliometer)

Ka-Band-Radar/Weathersensor

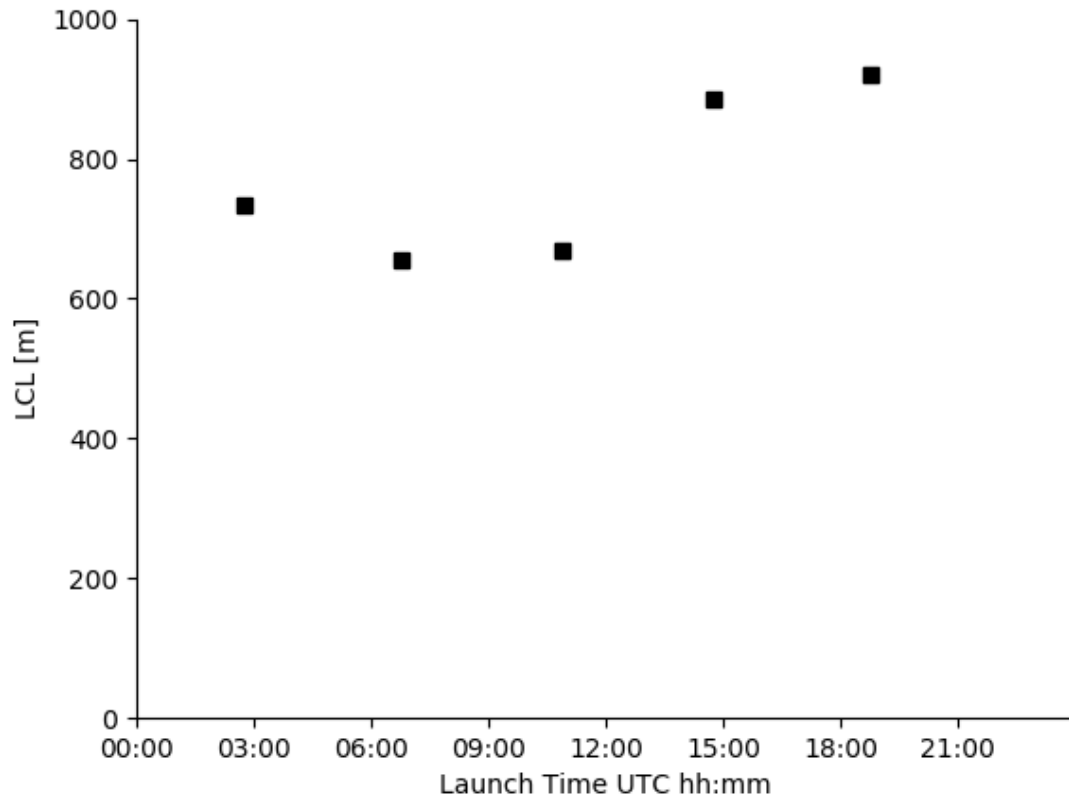


Radiosondings:



LCL derived from Radiosondes:

BCO 20200202 Ascent



IWV Intercomparison:

