

BCO-0201

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Calm easterly winds, low amount of clouds, no rain

Field	Quantity	Notes
Temperature	Min: 26.0 Mean: 26.7 Max: 27.7	WeatherSensor WXT530
Rel. Humidity	Min: 66.8 Mean: 73.2 Max: 79	WeatherSensor WXT530
Windspeed 2m	Min: 0.64 Mean: 5.4 Max: 8.85	WeatherSensor WXT530
Winddirection	EAST	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

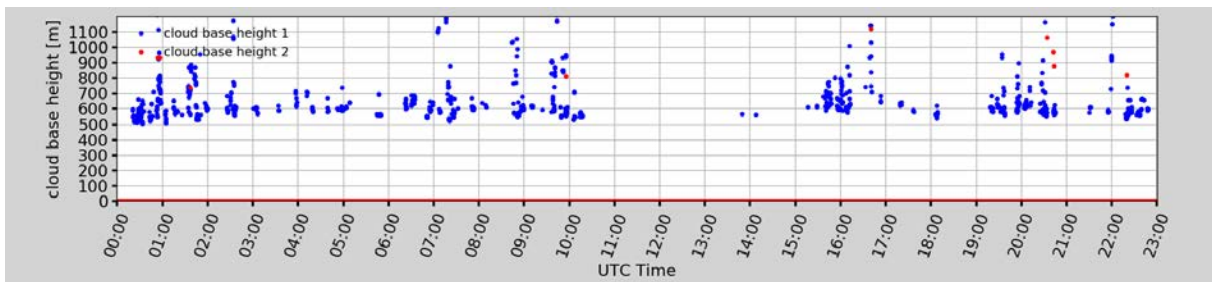
PoldiRad: waiting for BL&P to power up the site, generator power arrived, site fenced

WetDepositionSampler TU Darmstadt: running

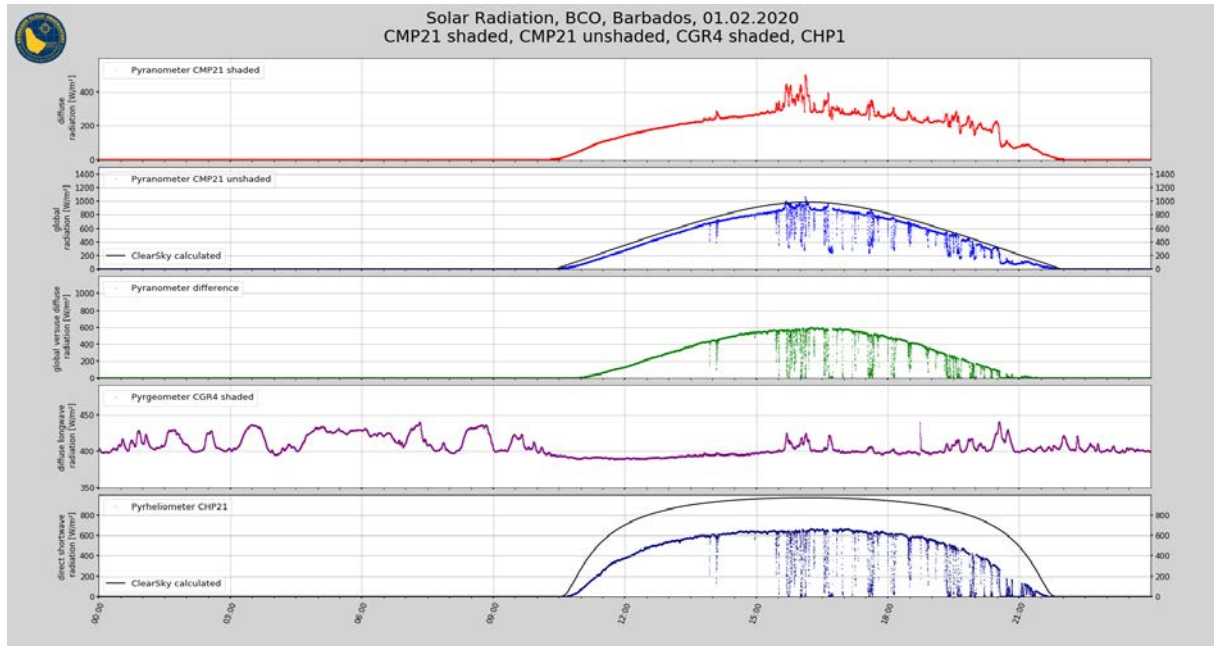
4. Outlook

As normal operation as possible...

5. Figures

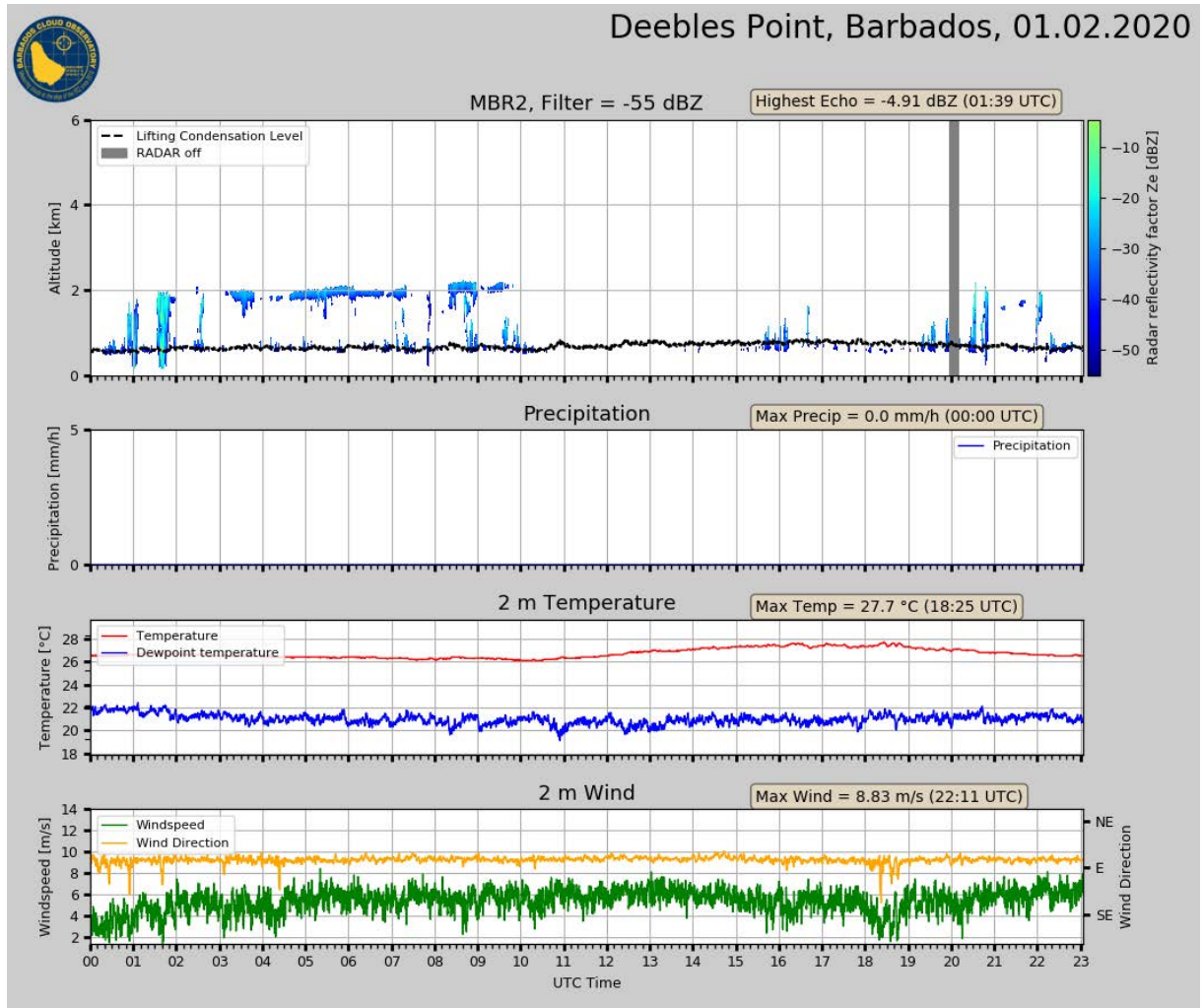


Radiation:

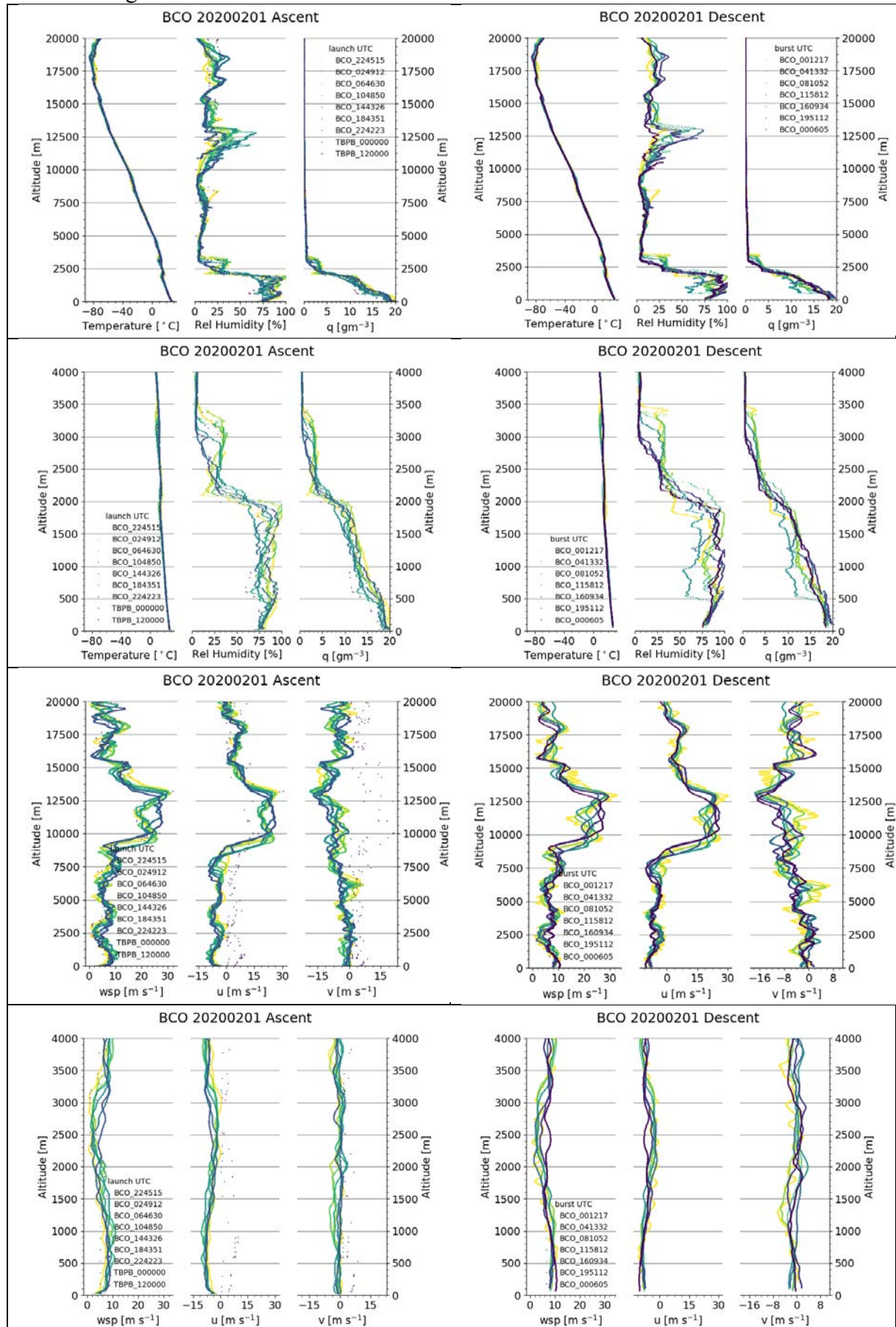


(Strong dust influence for the Pyrheliometer)

Ka-Band-Radar/Weathersensor

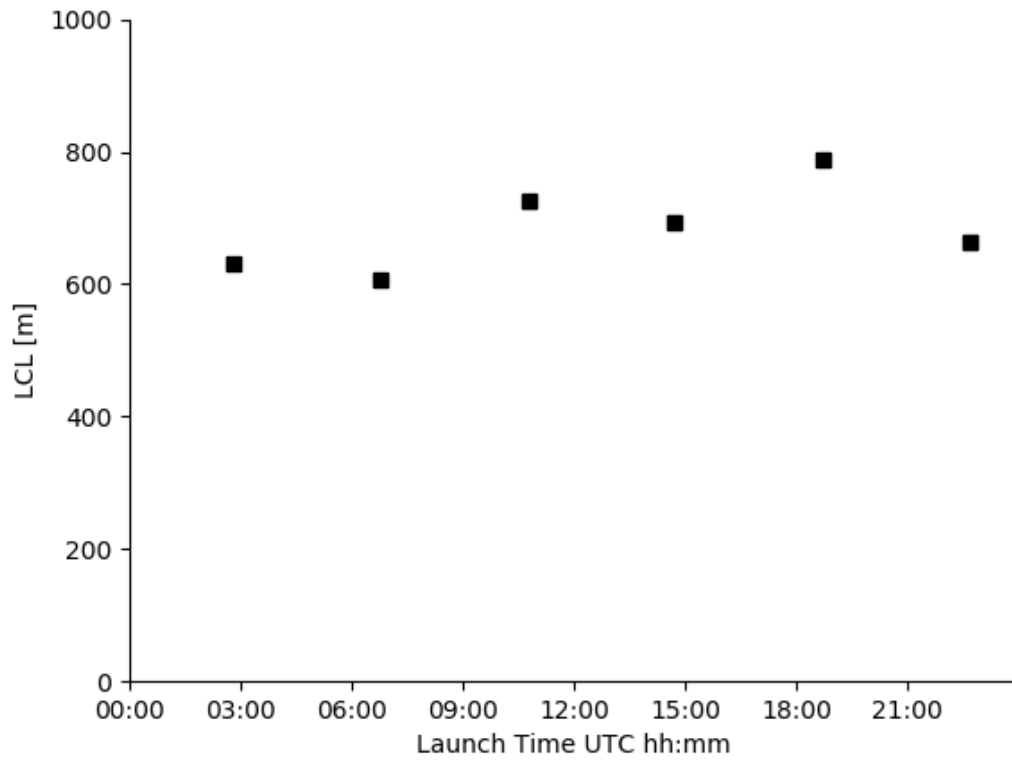


Radiosondings:



LCL derived from Radiosondes:

BCO 20200201 Ascent



IWV Intercomparison:

