

BCO-0204

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: 25.4 Mean: 26.1 Max: 26.9	WeatherSensor WXT536
Rel. Humidity	Min: 54.5 Mean: 65.9 Max: 73.7	WeatherSensor WXT536
Windspeed 2m	Min: 1.17 Mean: 6.1 Max: 9.83	WeatherSensor WXT536
Winddirection	EASTNORTHEAST	WeatherSensor WXT536
RainSum	0.0	WeatherSensor WXT536

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

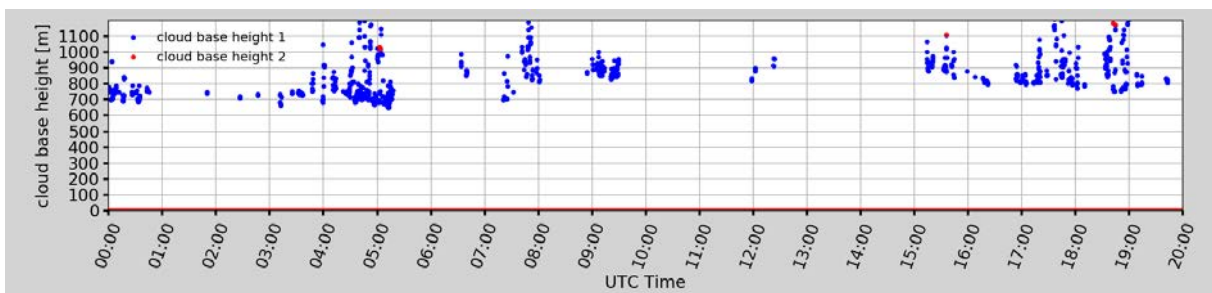
PoldiRad: running on generator power, permission granted

WetDepositionSampler TU Darmstadt: running

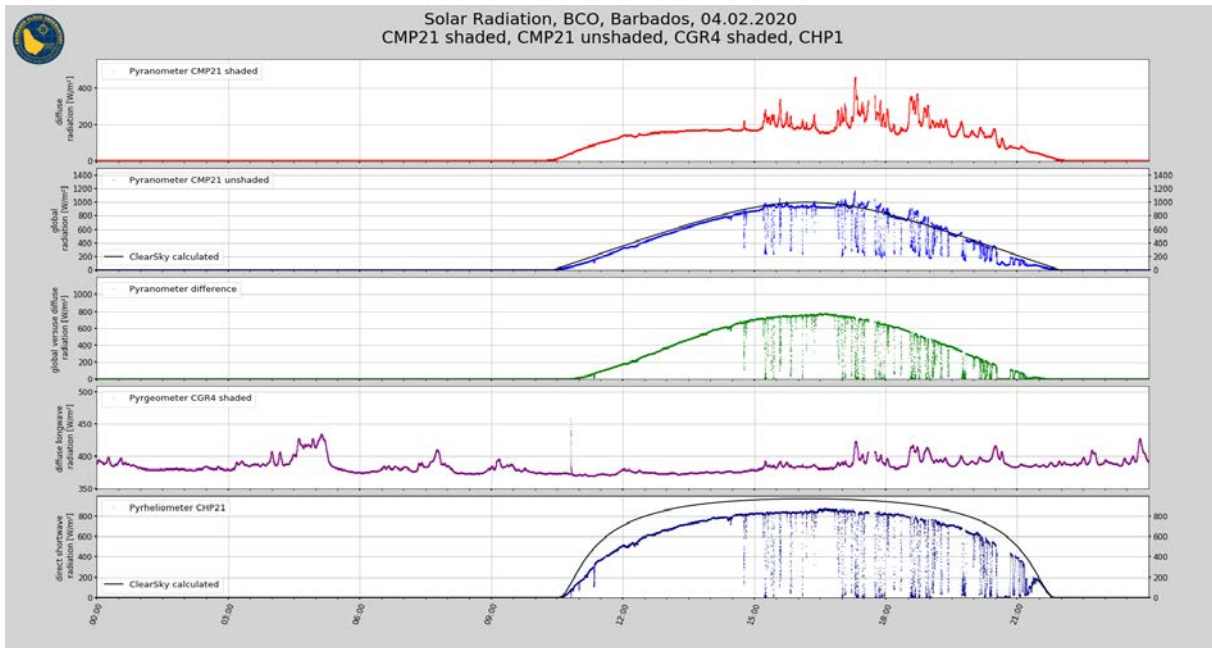
4. Outlook

As normal operation as possible...

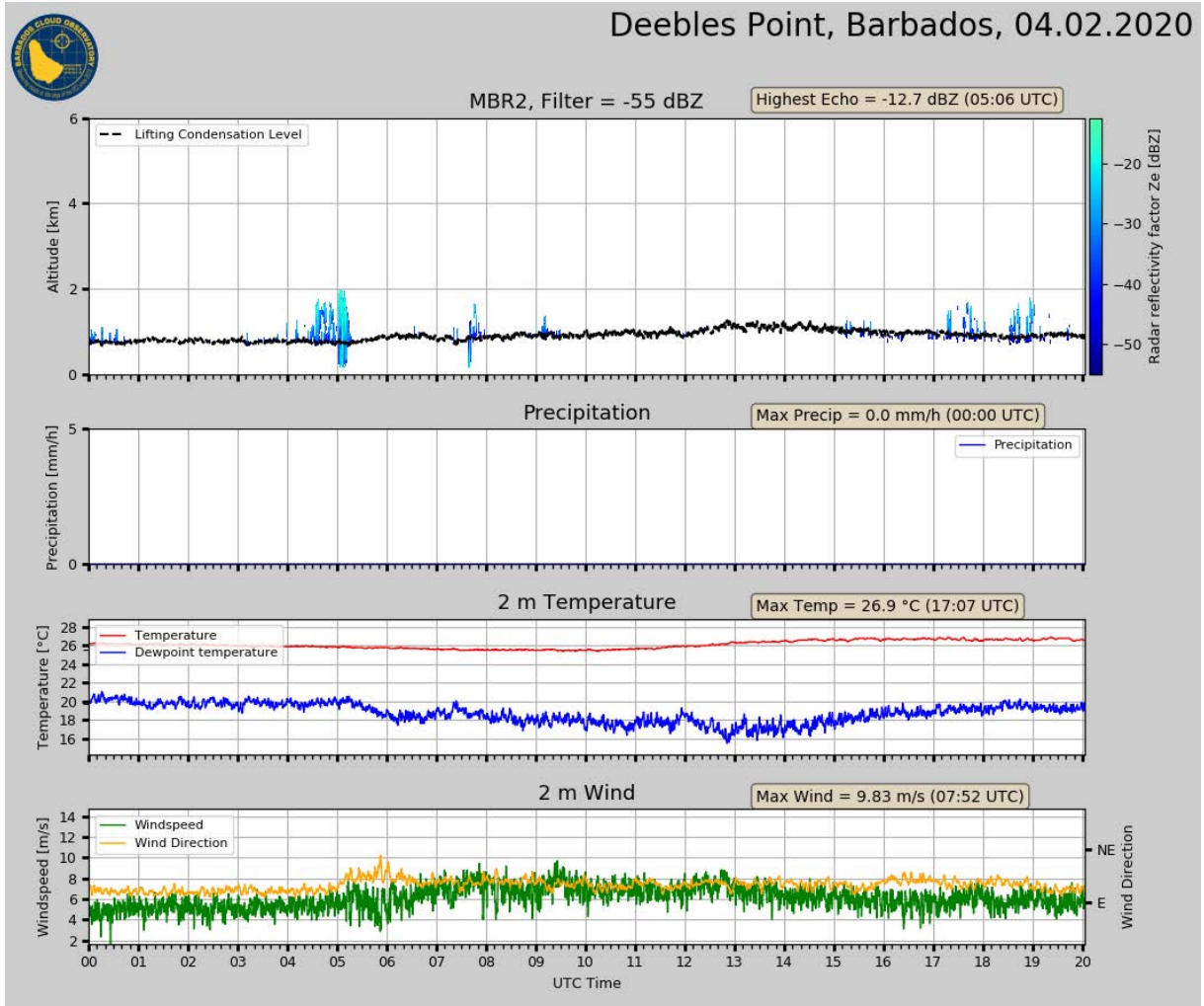
5. Figures



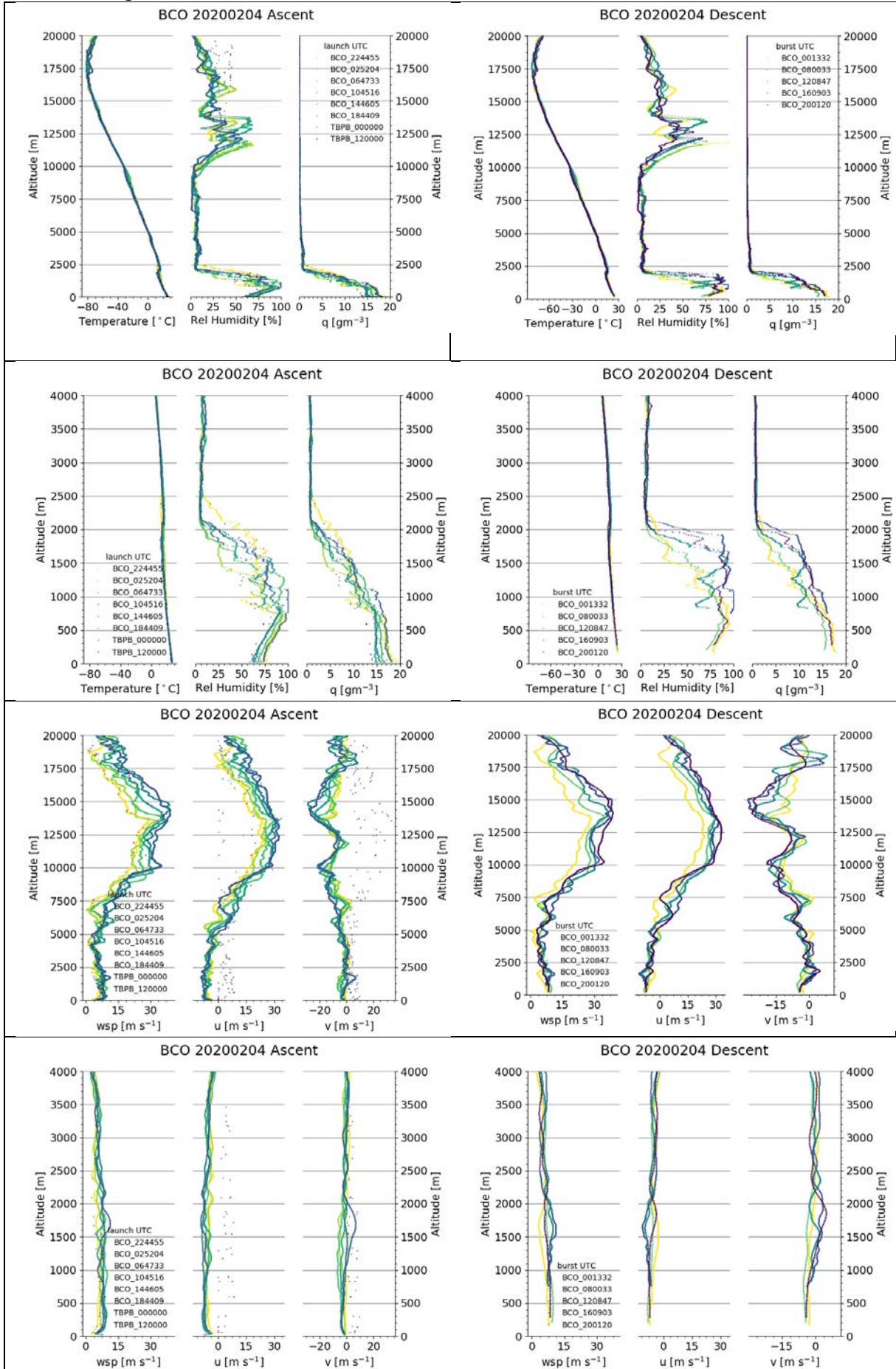
Radiation:



Ka-Band-Radar/Weathersensor

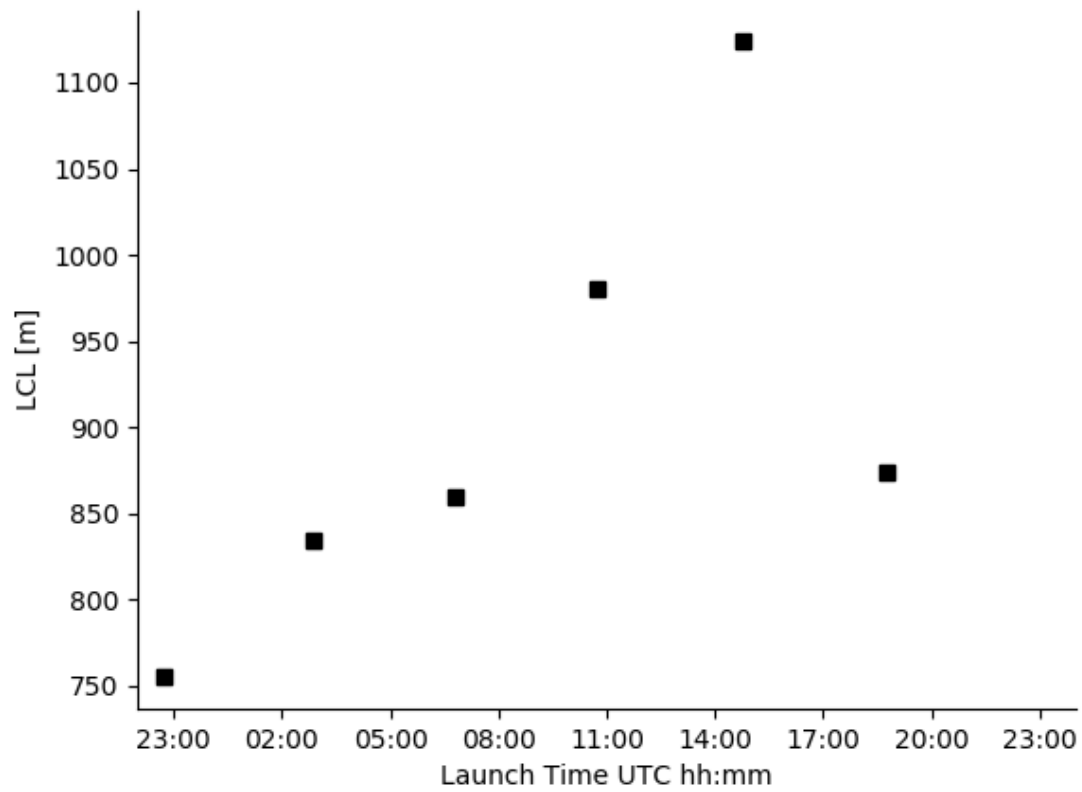


Radiosondings:



LCL from Radiosondes:

BCO 20200204 Ascent



IWV Intercomparison:

