

BCO-0205

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Easterly winds, low amount of clouds, low rain

Field	Quantity	Notes
Temperature	Min: 25.1 Mean: 26.4 Max: 27.6	WeatherSensor WXT536
Rel. Humidity	Min: 64.1 Mean: 70.8 Max: 77.2	WeatherSensor WXT536
Windspeed 2m	Min: 1.18 Mean: 6.8 Max: 11.75	WeatherSensor WXT536
Winddirection	EASTNORTHEAST	WeatherSensor WXT536
RainSum	0.37	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

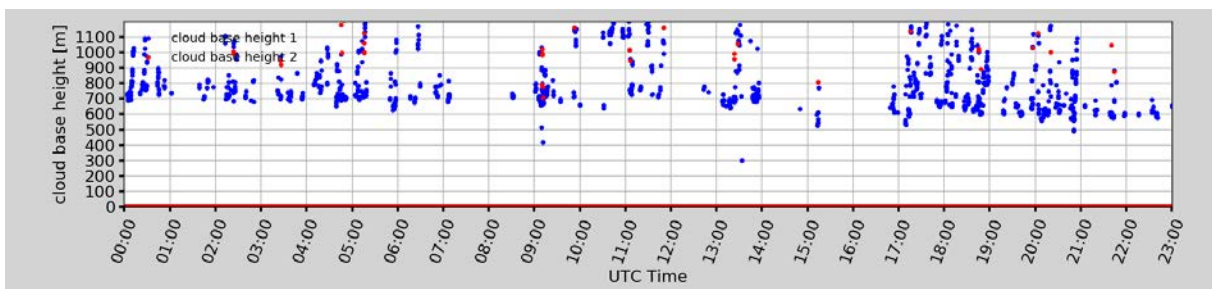
PoldiRad: running on generator power, first plots on planet

WetDepositionSampler TU Darmstadt: running

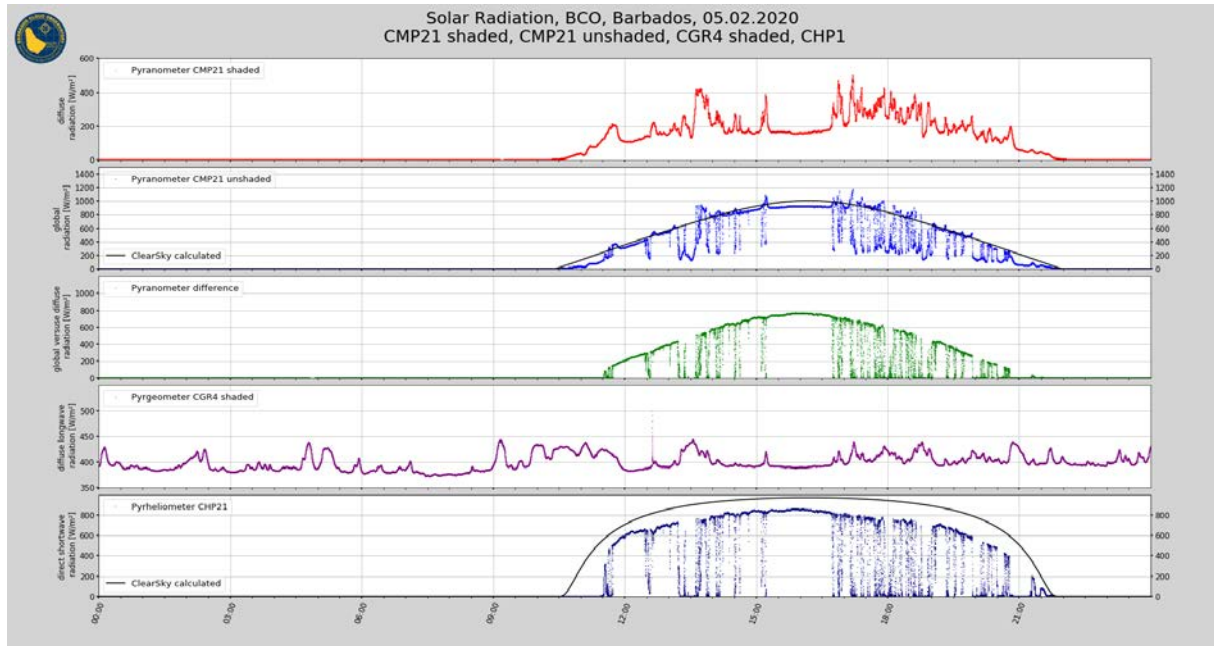
4. Outlook

As normal operation as possible...

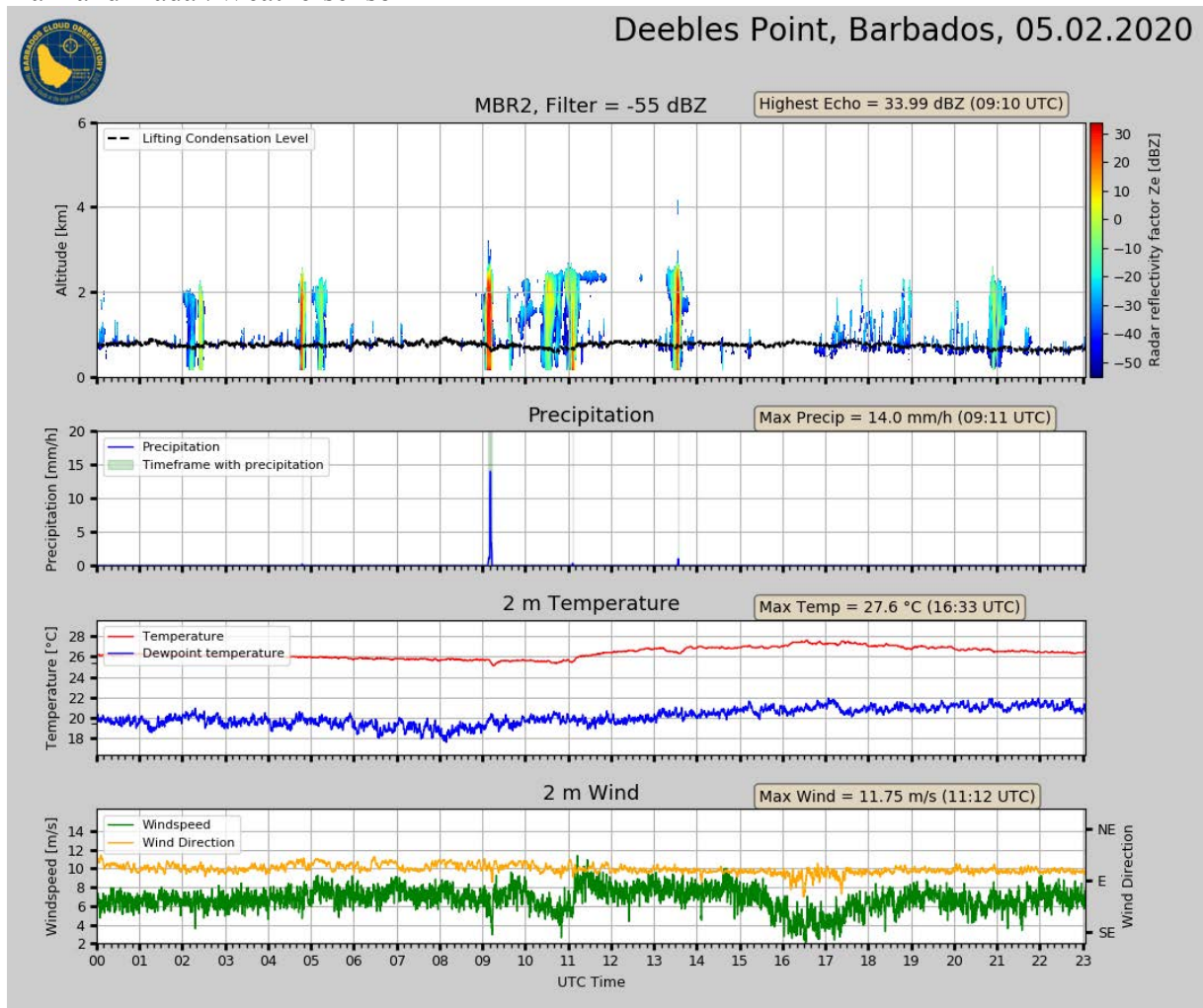
5. Figures



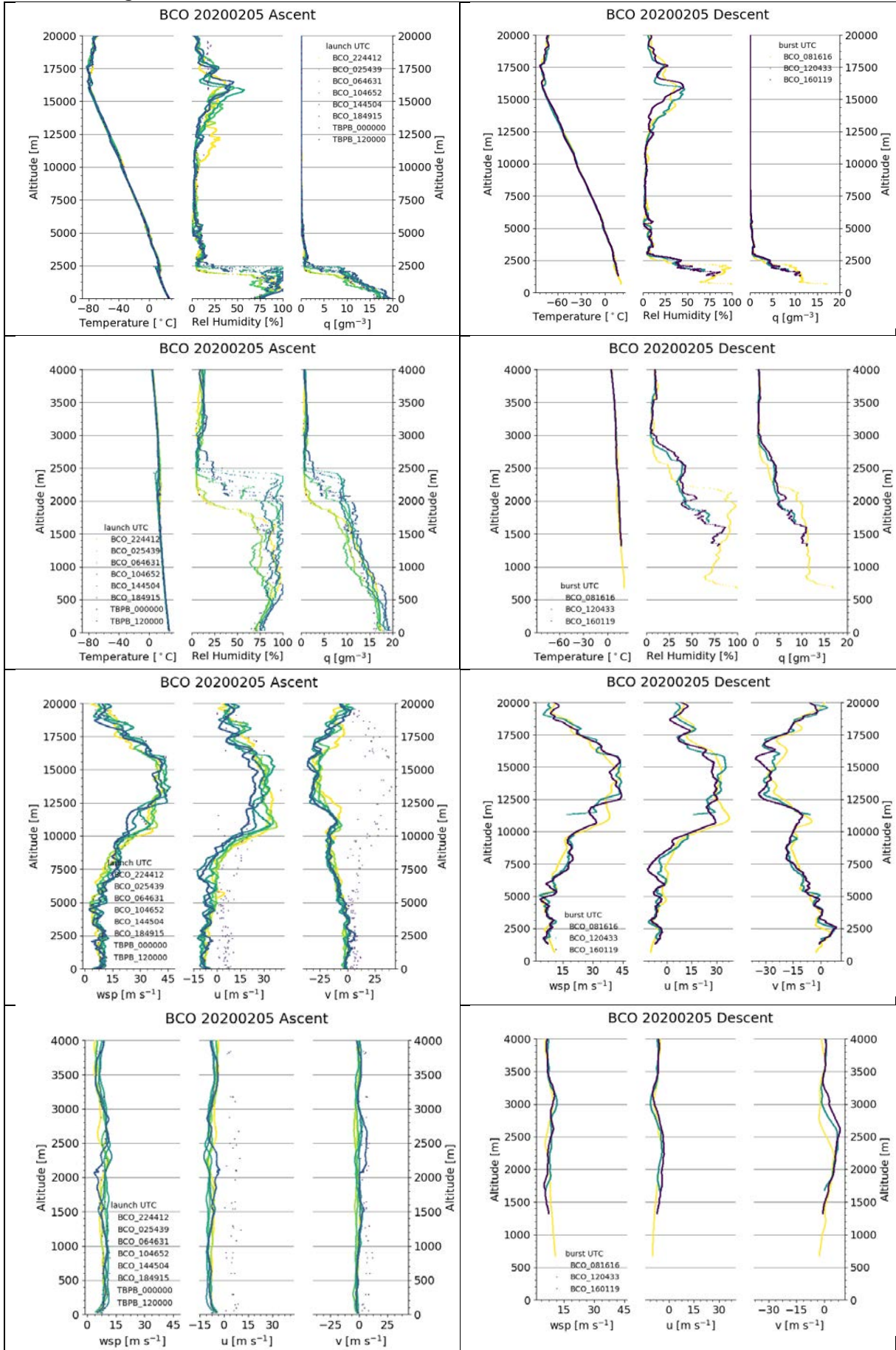
Radiation:



Ka-Band-Radar/Weathersensor

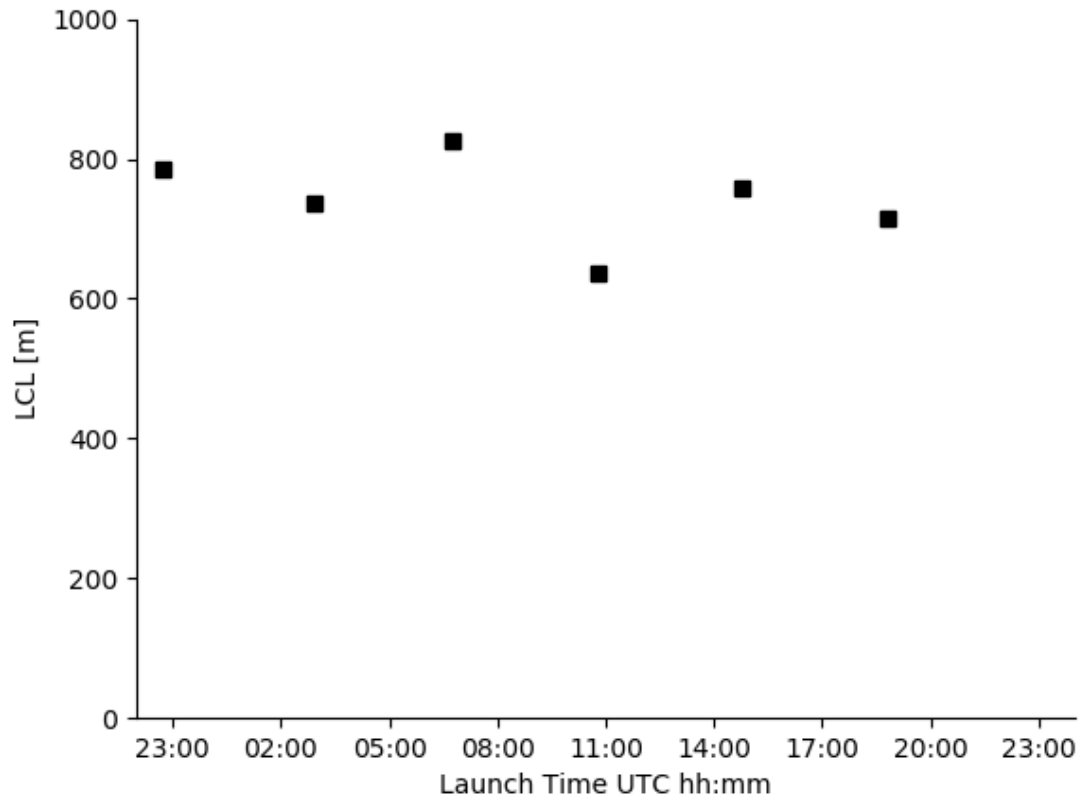


Radiosondings:



LCL from Radiosondes:

BCO 20200205 Ascent



IWV Intercomparison:

