

BCO-0210

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Stronger easterly winds, low amount of clouds, one (!) short intense rainfall events

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

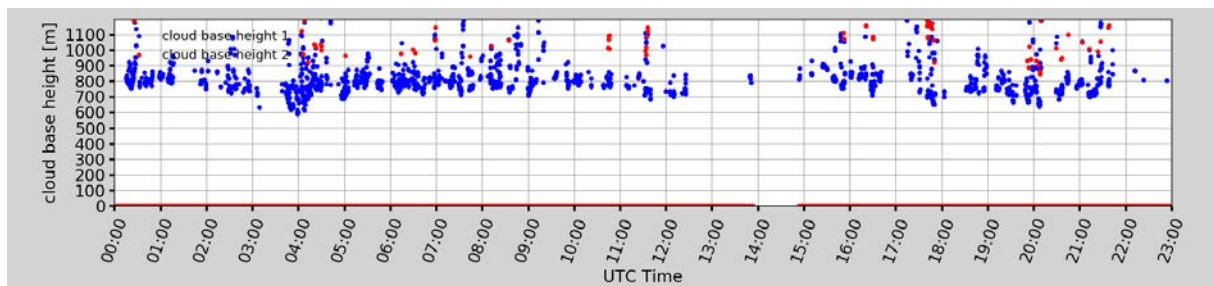
PoldiRad: running on new generator power, quicklooks online now, 24 hour shift

WetDepositionSampler TU Darmstadt: running

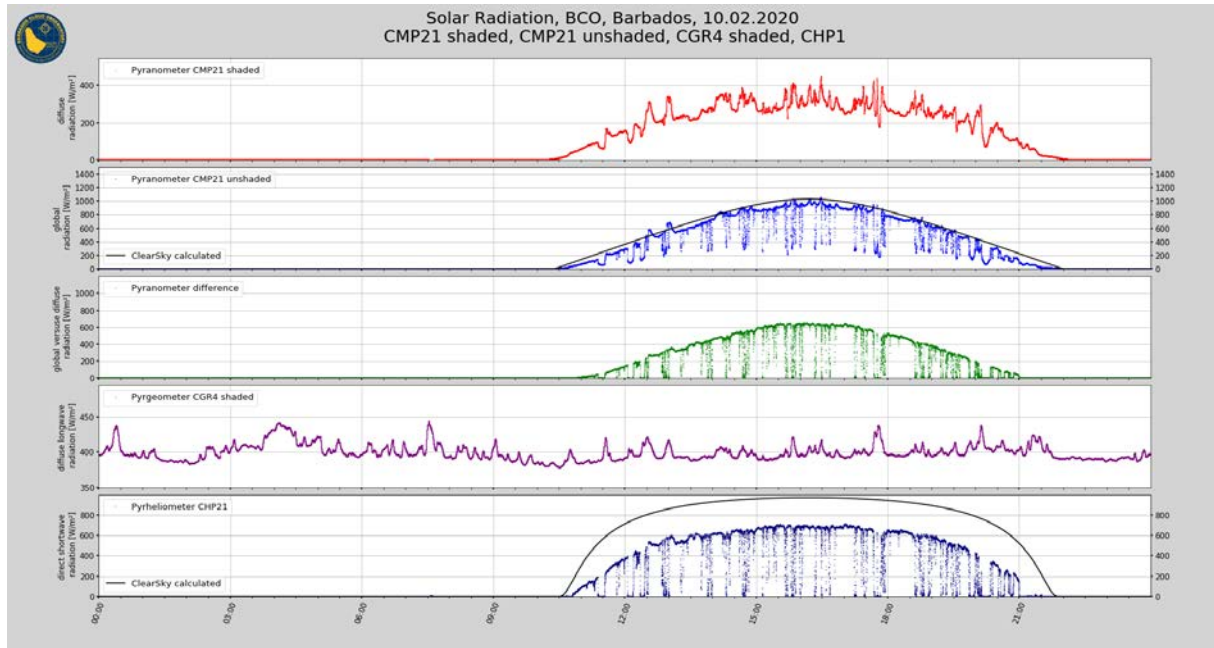
4. Outlook

As normal operation as possible...

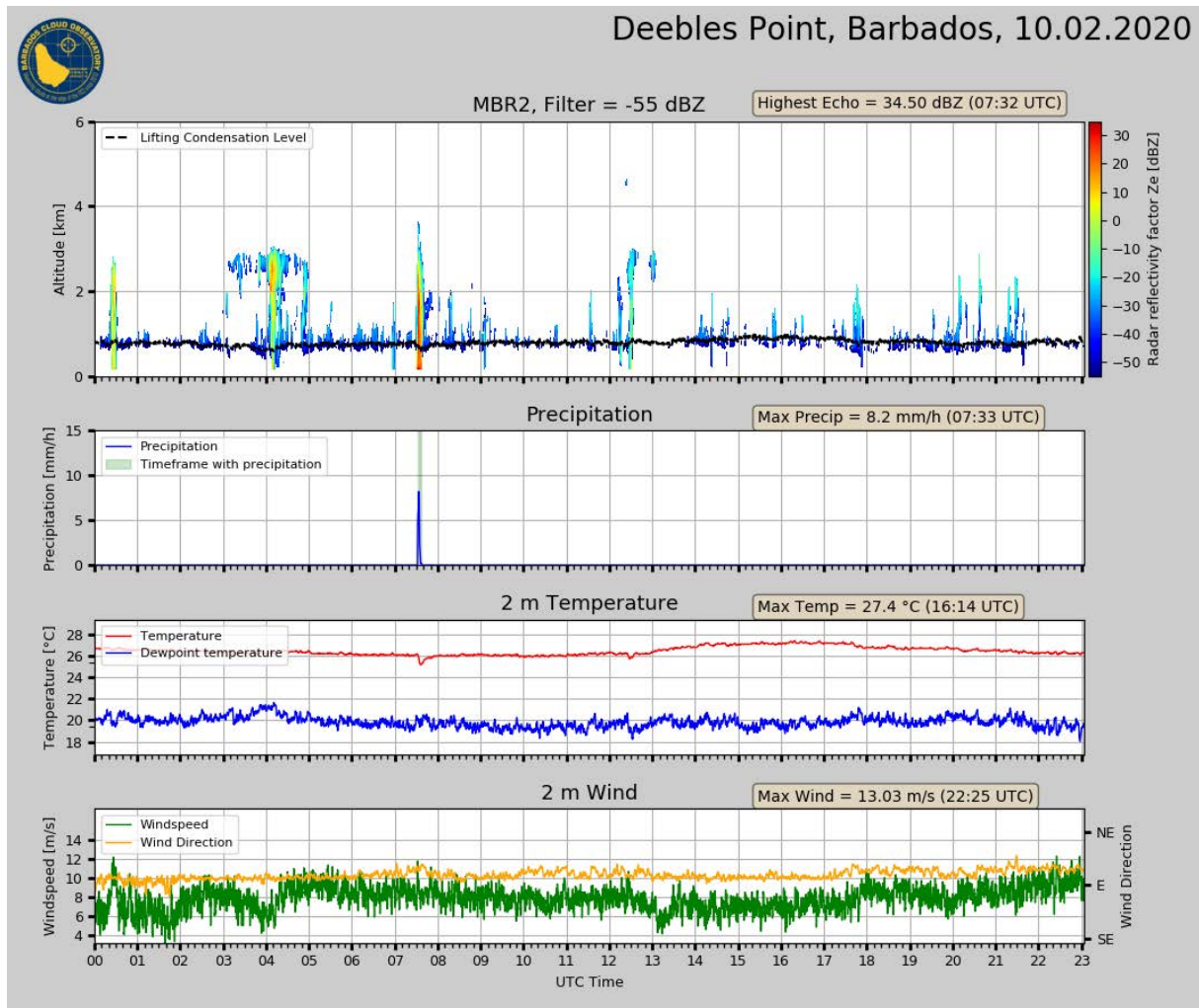
5. Figures



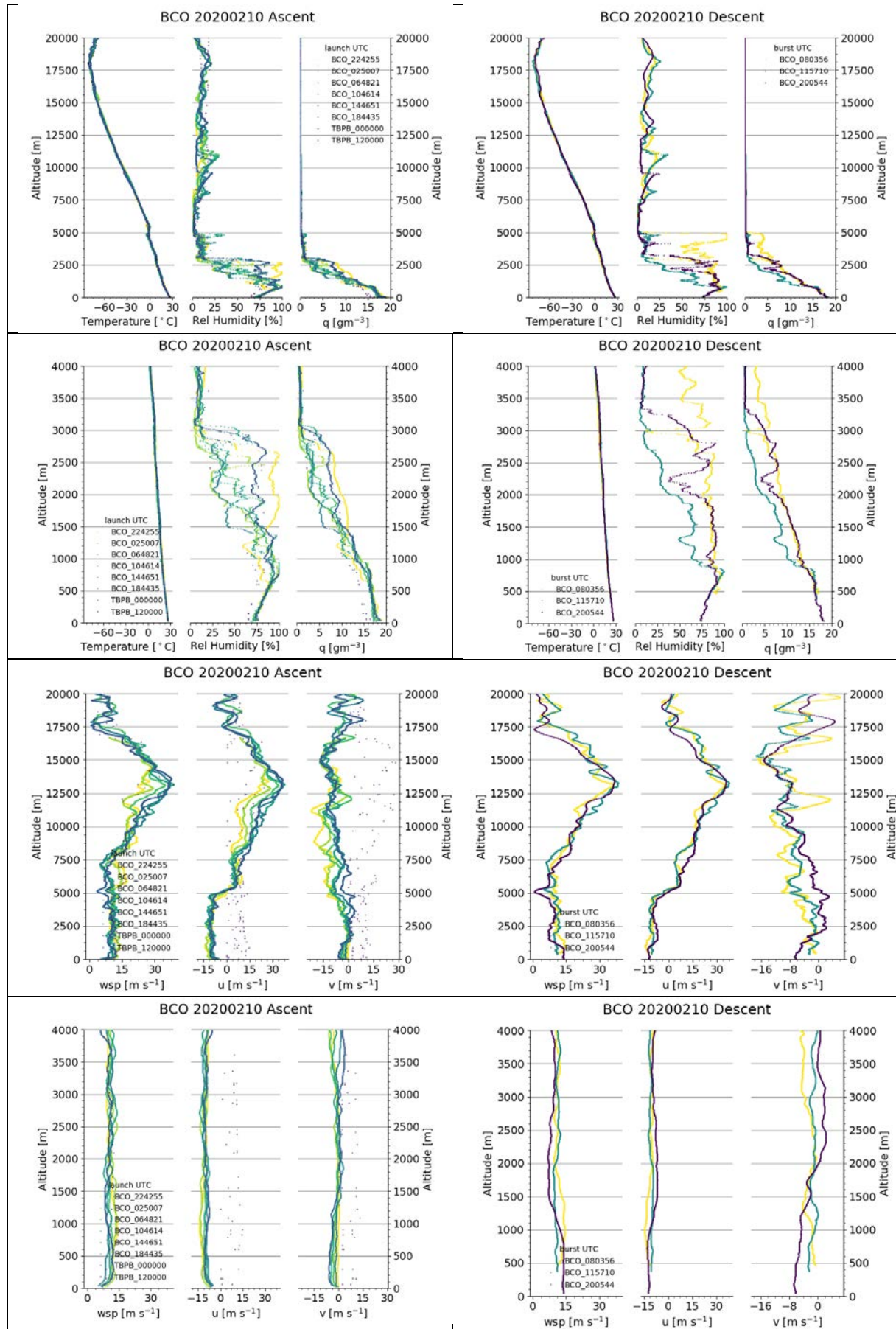
Radiation:



Ka-Band-Radar/Weathersensor

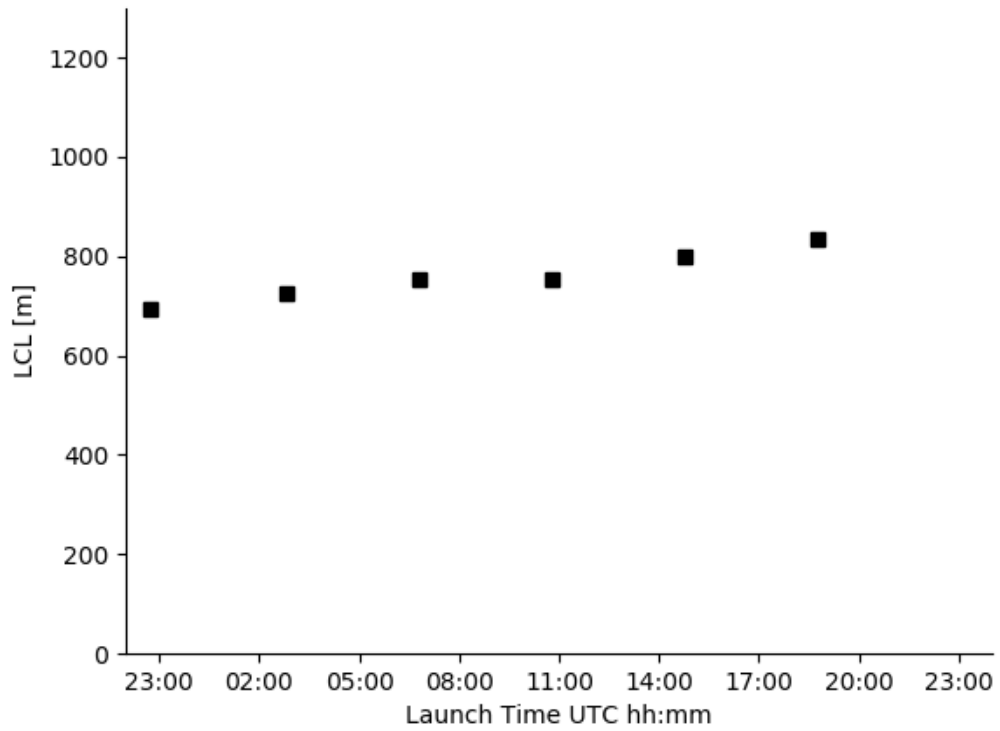


Radiosondes:



LCL from Radiosondes:

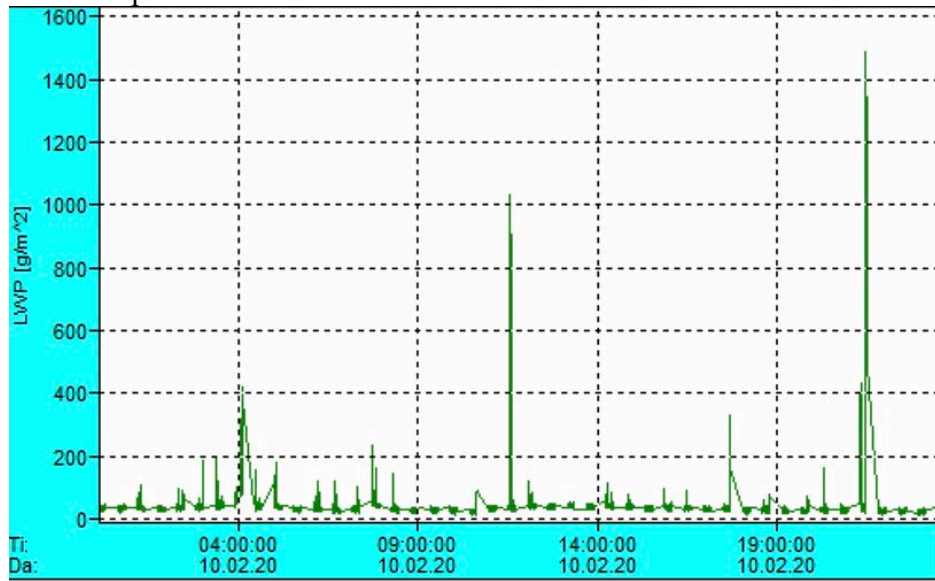
BCO 20200210 Ascent



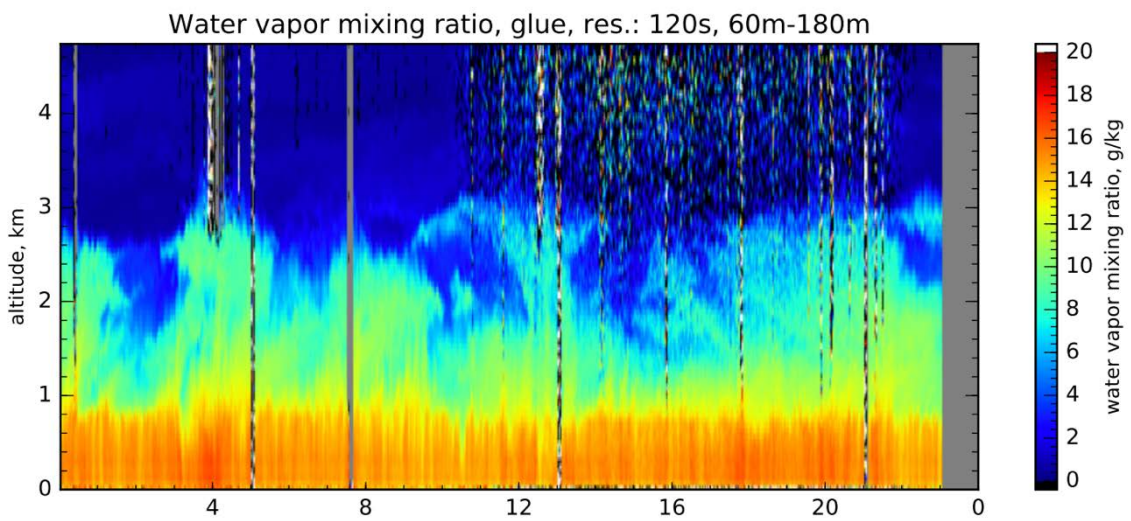
IWV Hatpro:



LWP Hatpro:



Watervapour from Lidar:



Allsky-Imager-Dayplot:

