

# BCO-0214

BCO Team

## 1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

## 2. Weather Overview

Stronger easterly winds, short rainfall events, altostratus coverage

## 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

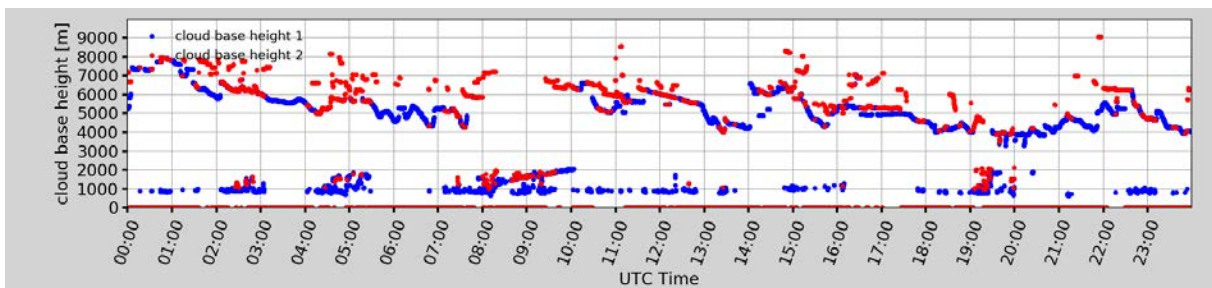
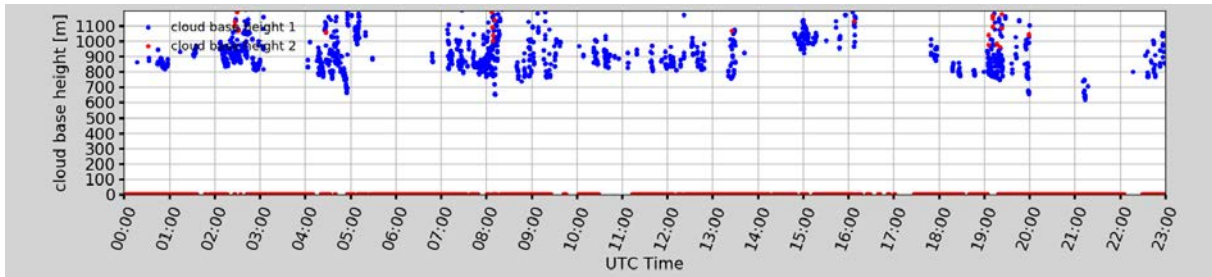
WetDepositionSampler TU Darmstadt: running

## 4. Outlook

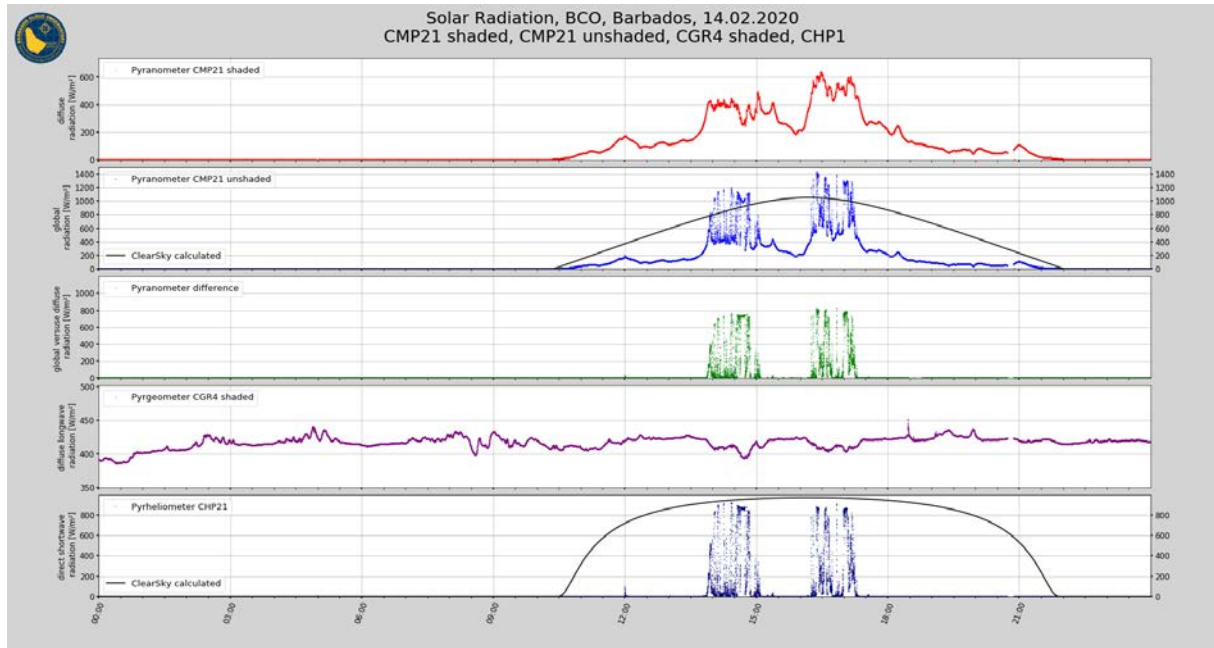
As normal operation as possible...

## 5. Figures

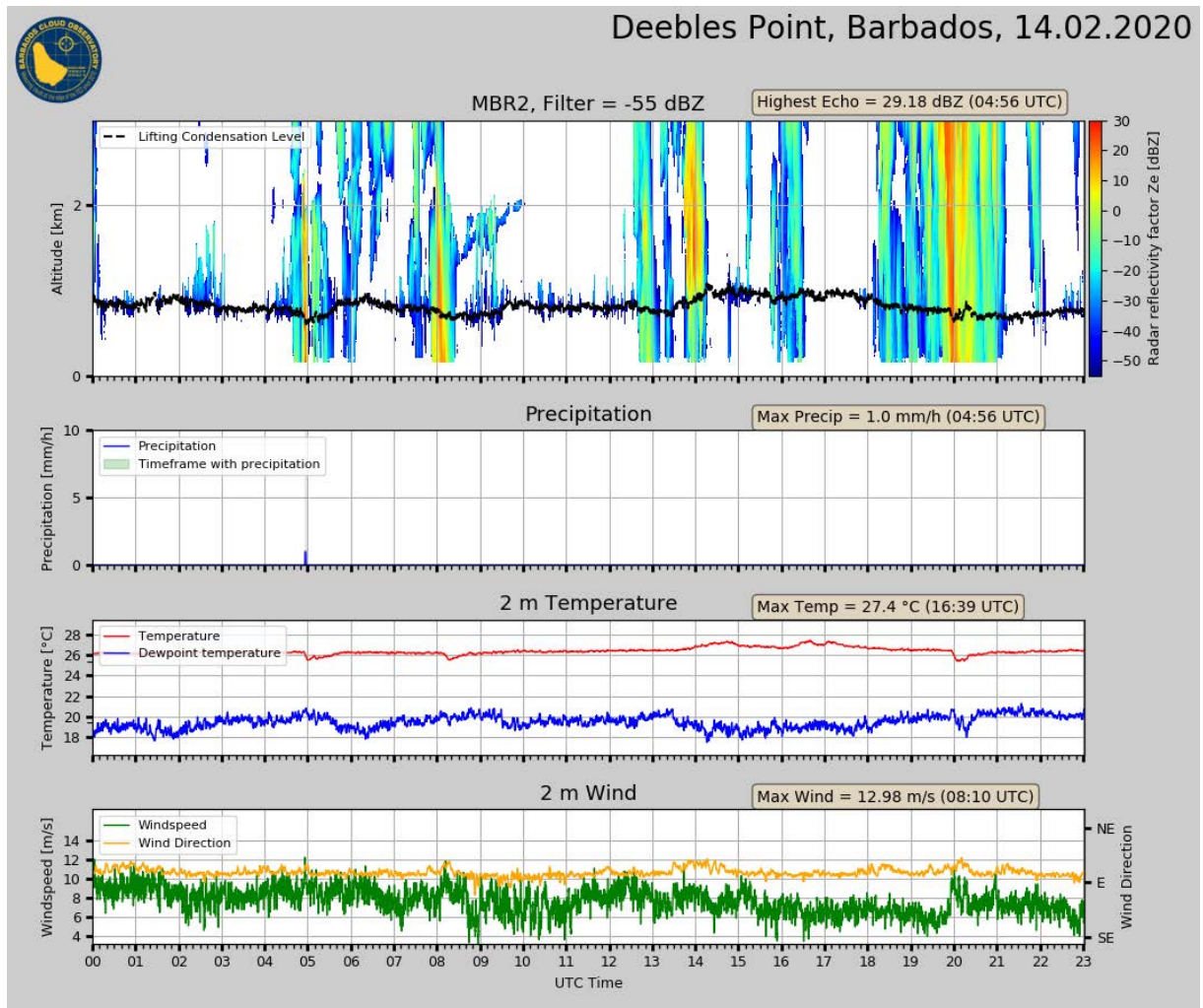
CBH from Ceilometer:



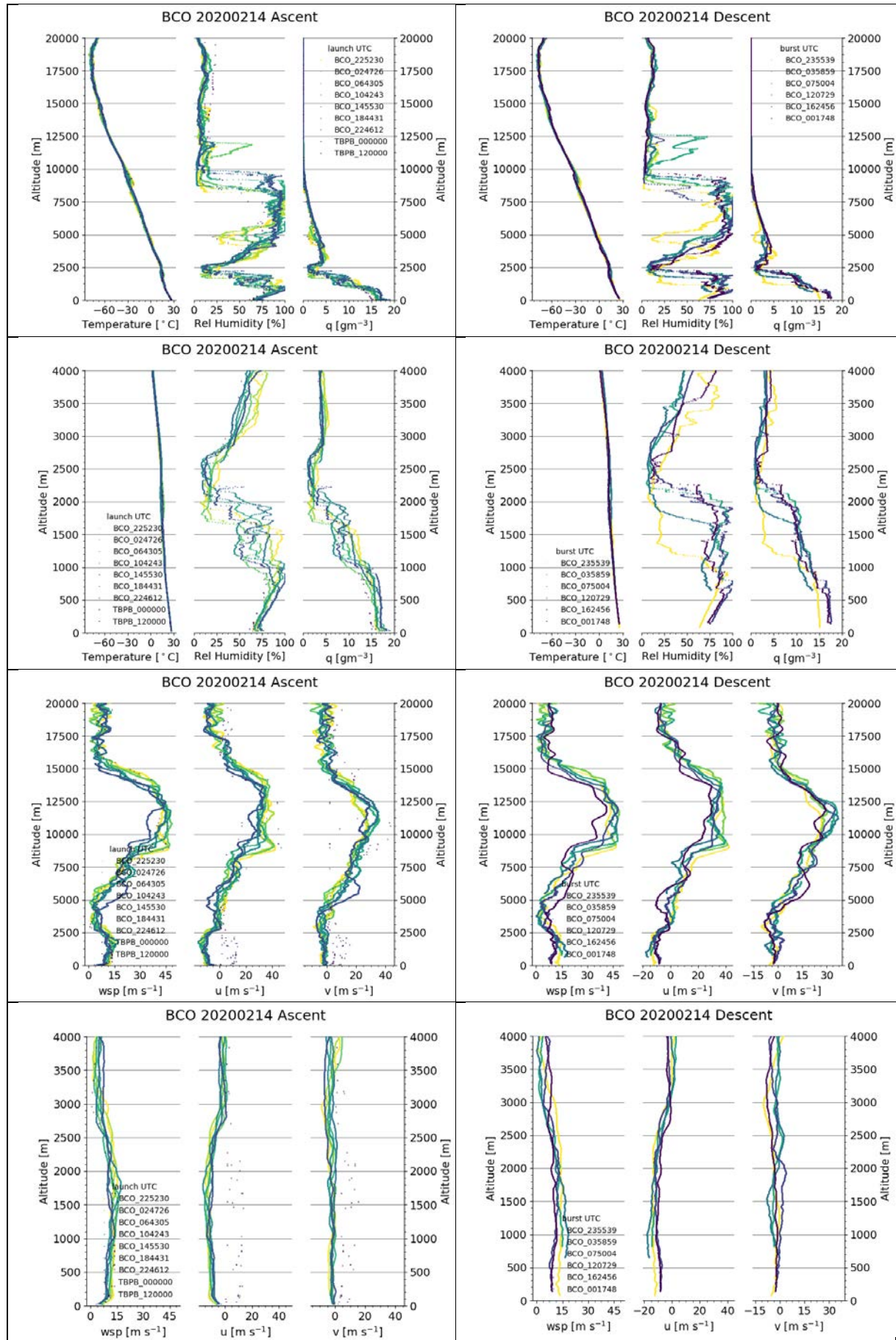
## Radiation:



## Ka-Band-Radar/Weathersensor

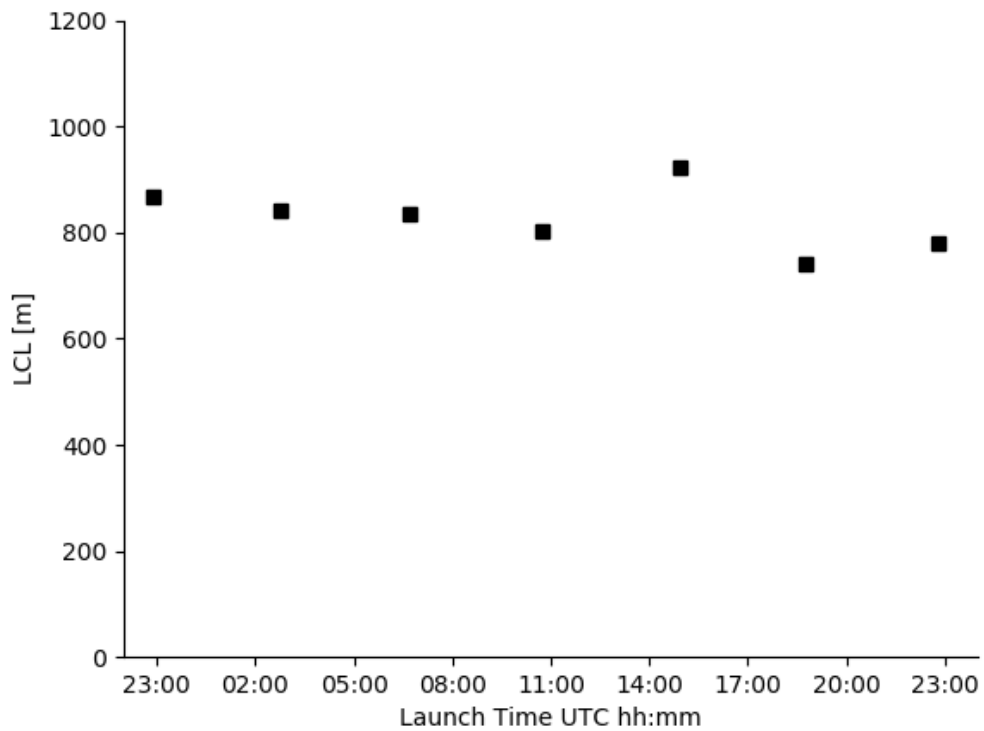


# Radiosondes:



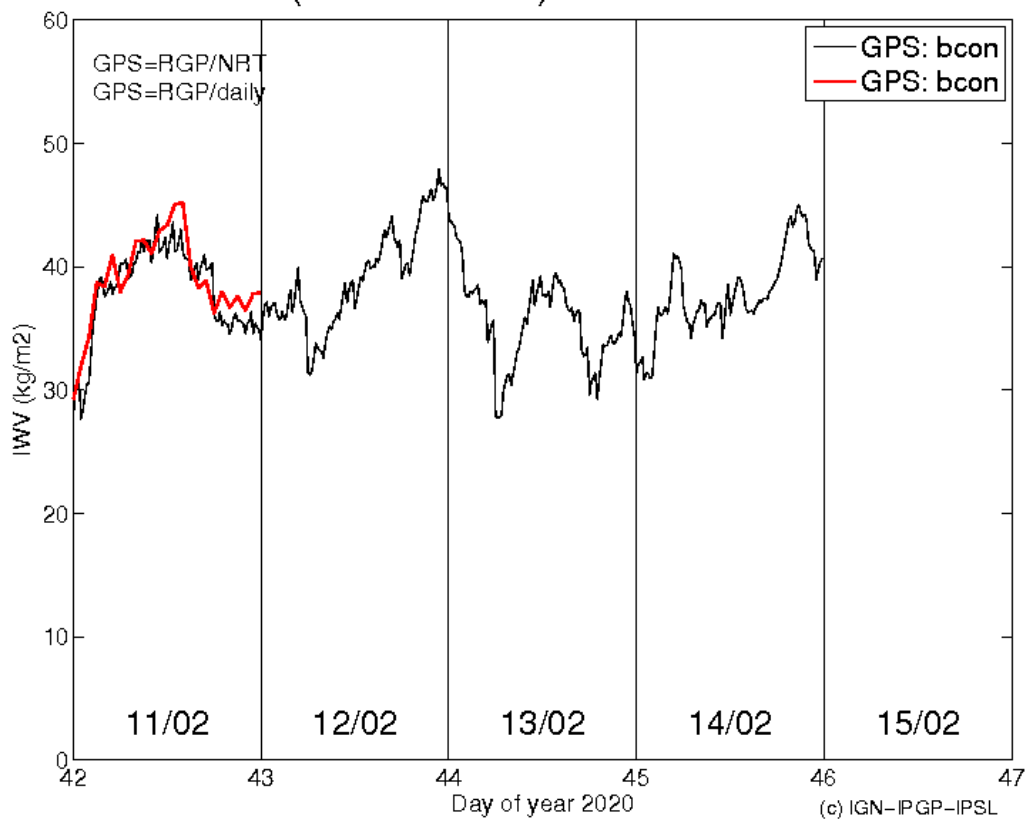
LCL from Radiosondes:

### BCO 20200214 Ascent



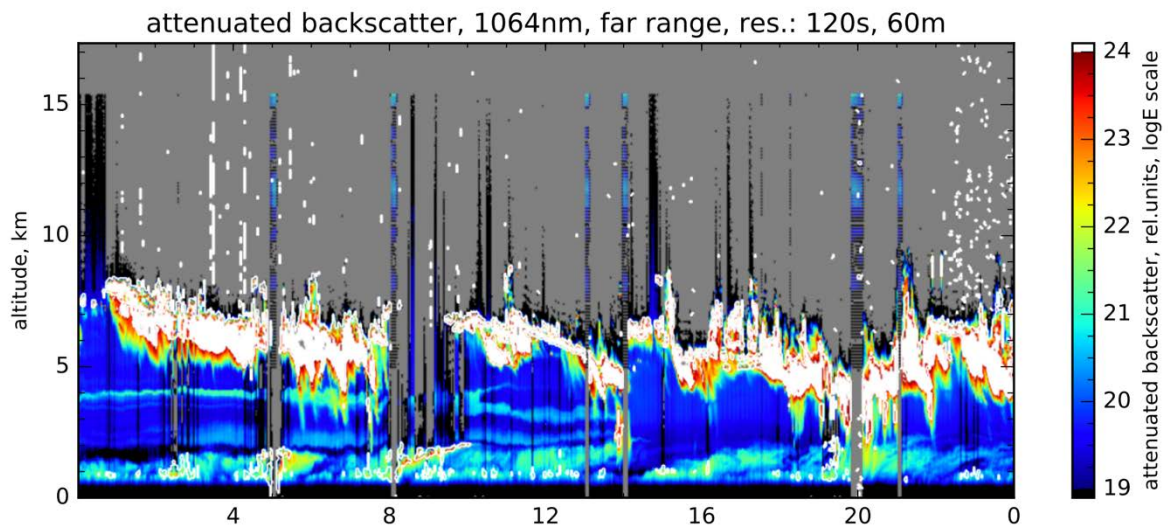
IWV from GNSS:

### IWV bcon (13.2N 300.6E) 11/02/2020–15/02/2020



(c) IGN-IPGP-IPSL

### Backscatter Signal from Raman Lidar:



### Dayplot from the Ka-Band.Radar:

