

BCO-0130

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Calm easterly winds, low amount of clouds, low rain

| Field | Quantity | Notes |
|---------------|--------------------------------|----------------------|
| Temperature | Min: 25.5 Mean: 26.8 Max: 28.2 | WeatherSensor WXT530 |
| Rel. Humidity | Min: 63.5 Mean: 72.9 Max: 85 | WeatherSensor WXT530 |
| Windspeed 2m | Min: 0.7 Mean: 4.13 Max: 9.33 | WeatherSensor WXT530 |
| Winddirection | East | WeatherSensor WXT530 |
| RainSum | 0.45 | |

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.

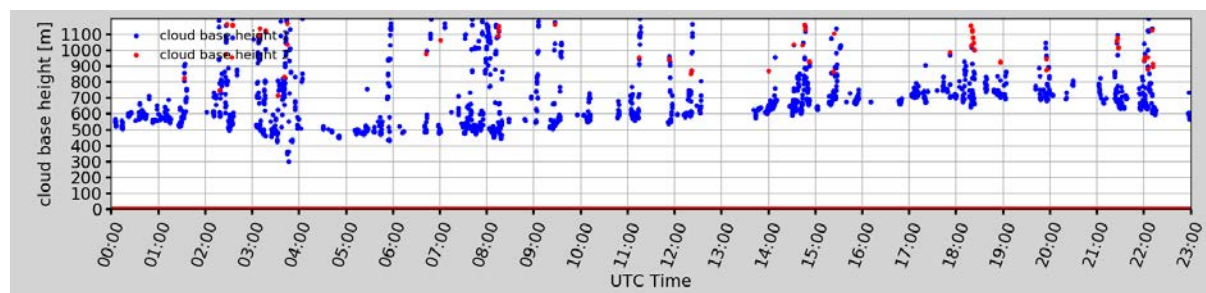
PoldiRad: Day Off, waiting for BL&P to power up the site....

WetDepositionSampler TU Darmstadt: running

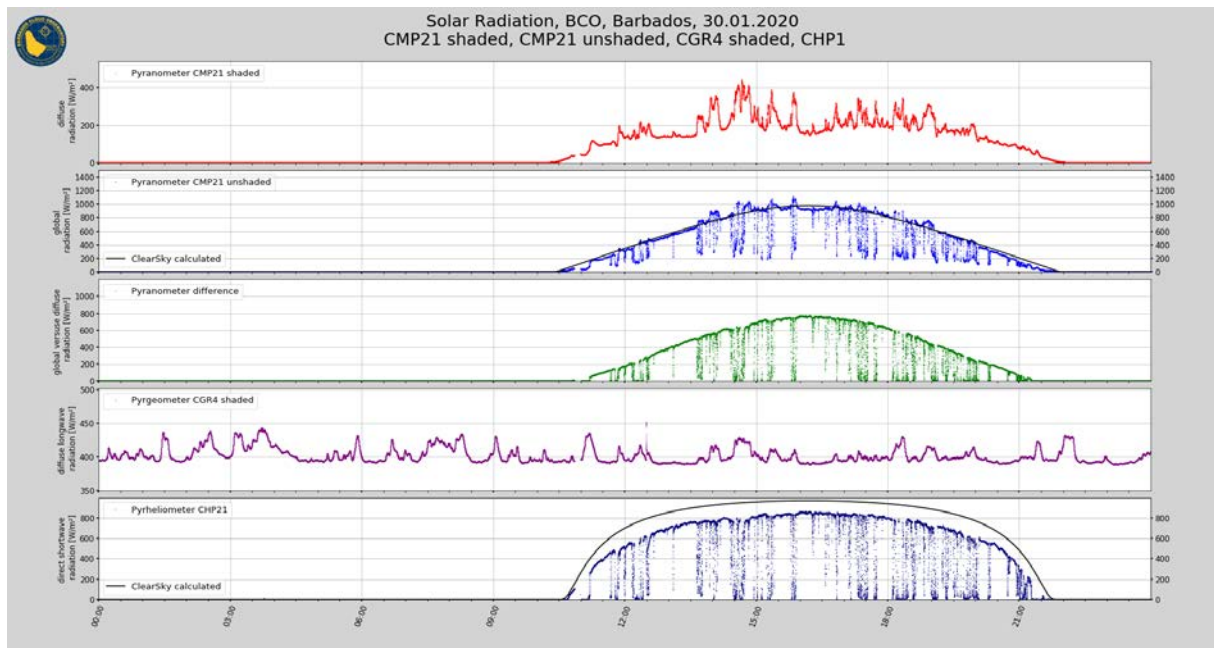
4. Outlook

As normal operation as possible...

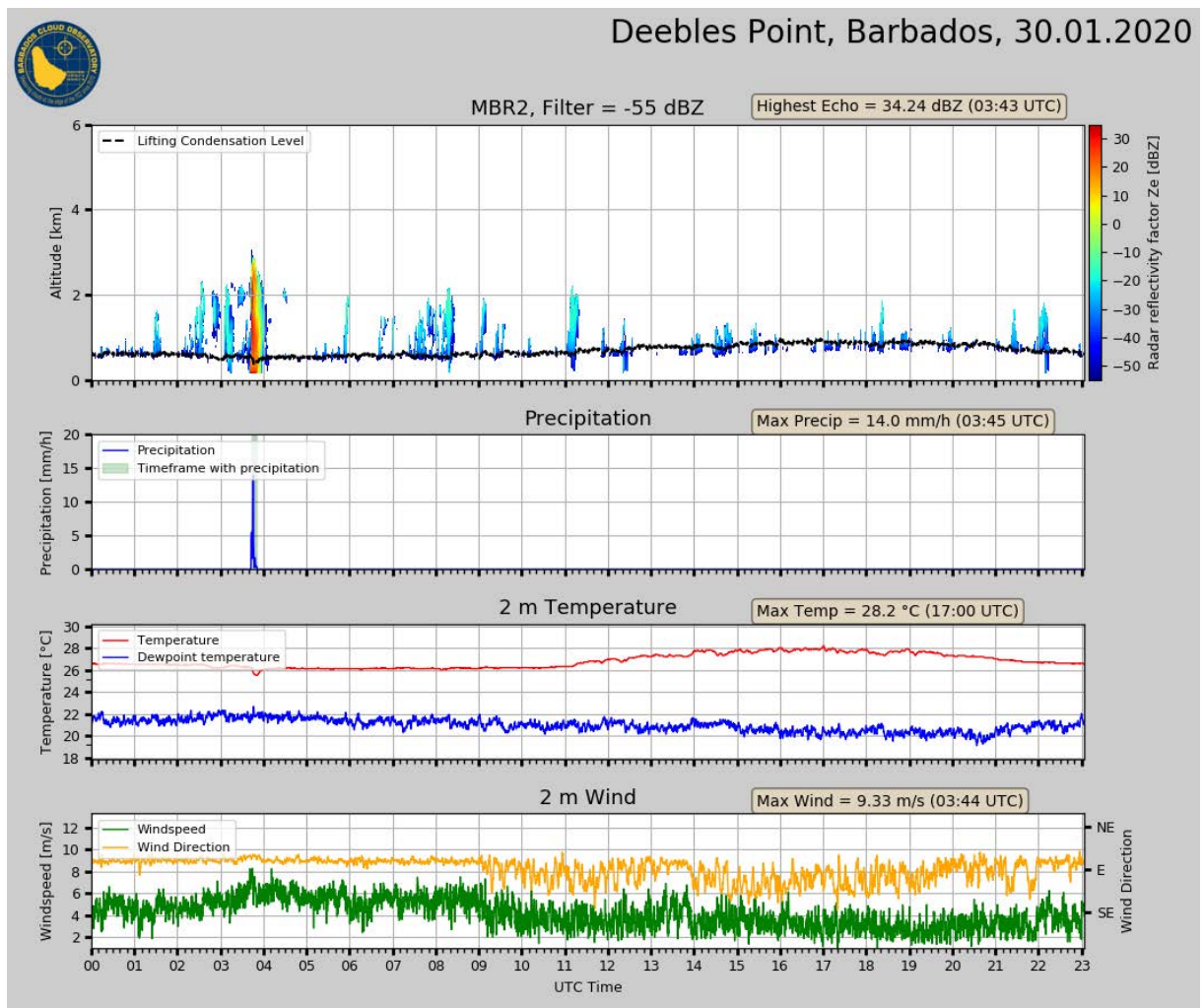
5. Figures



Radiation:

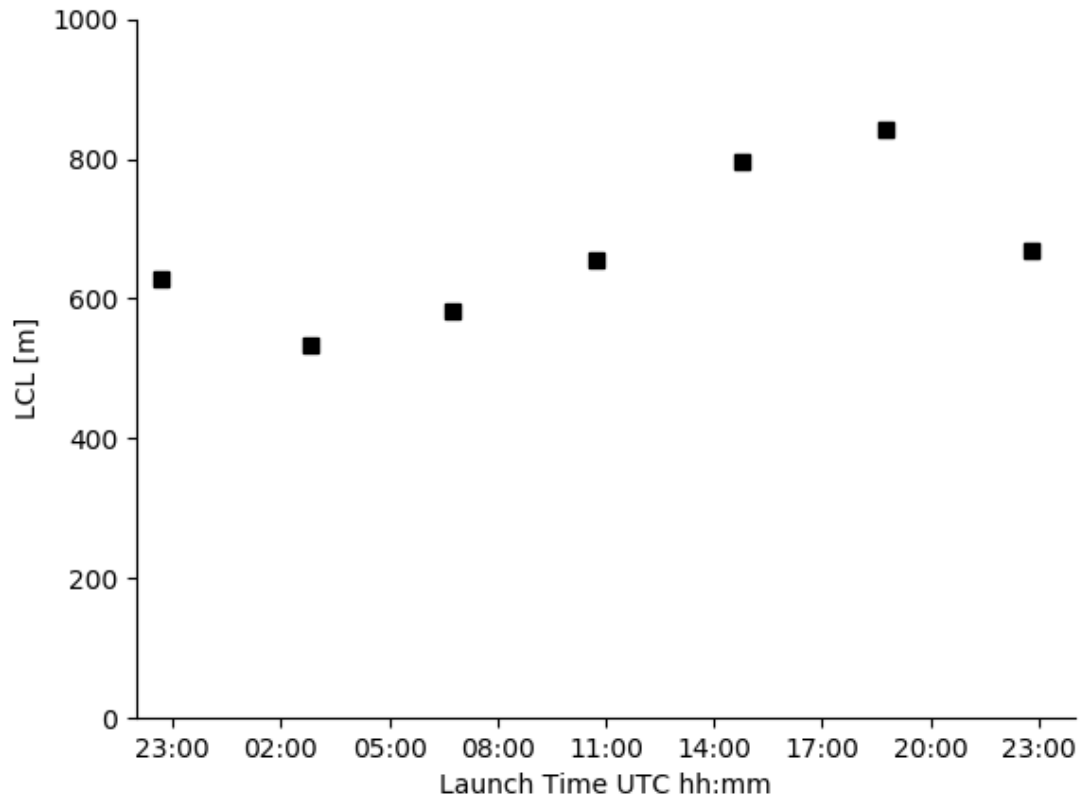


Ka-Band-Radar/Weathersensor

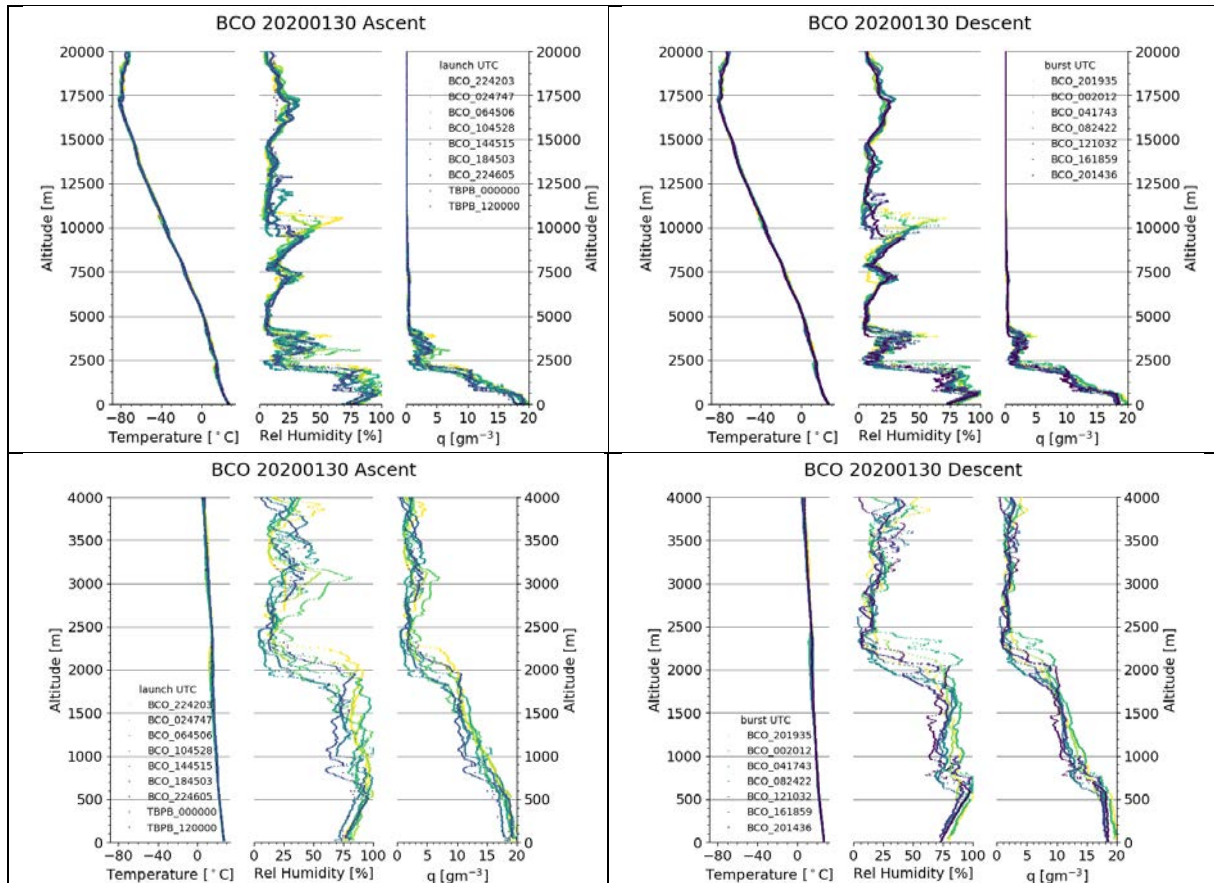


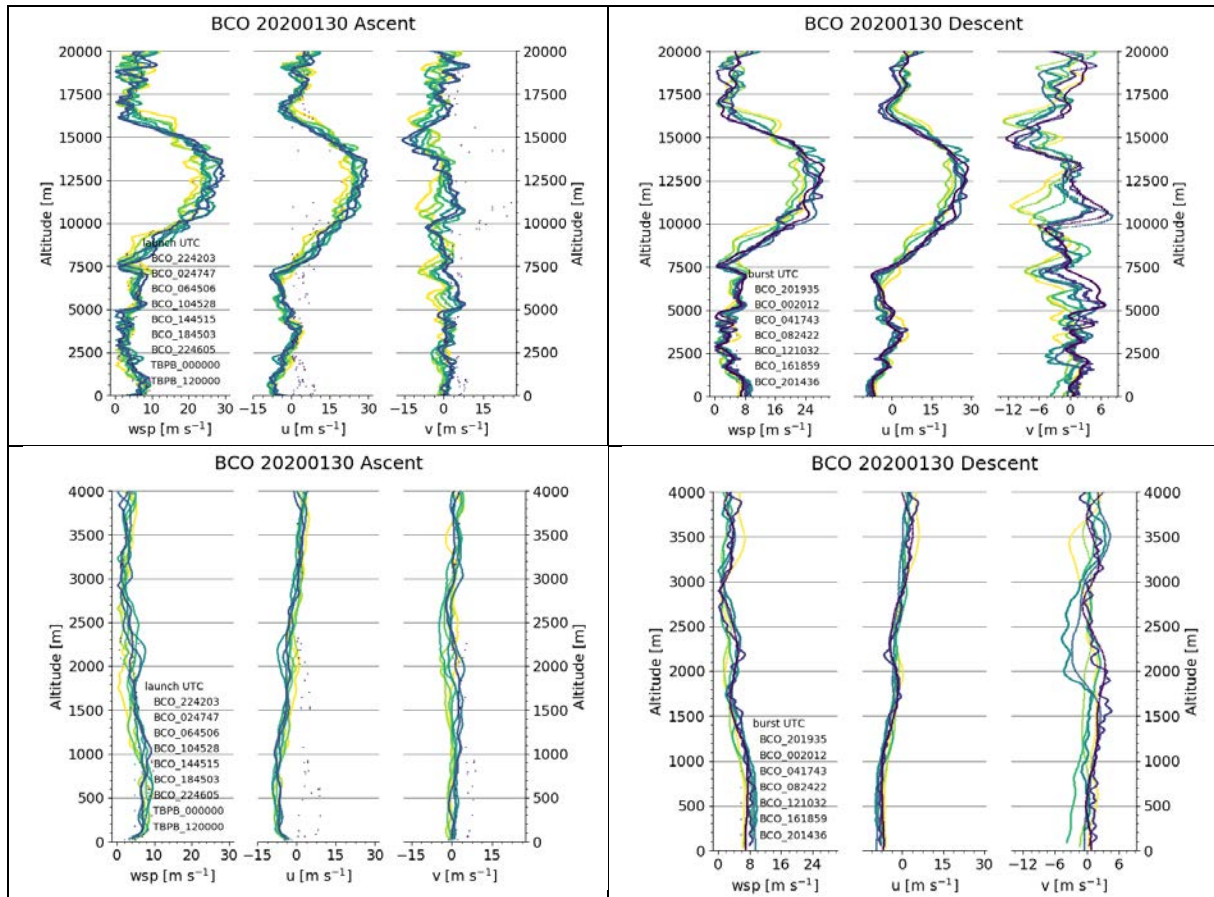
LCL Radiosondes BCO

BCO 20200130 Ascent



Radiosondes:





IWW Comparison

