

# BCO-0215

BCO Team

## 1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

## 2. Weather Overview

Strong easterly winds, no rain, altostratus coverage (5-9 km height)

## 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, quicklooks online now, 24 hour shift

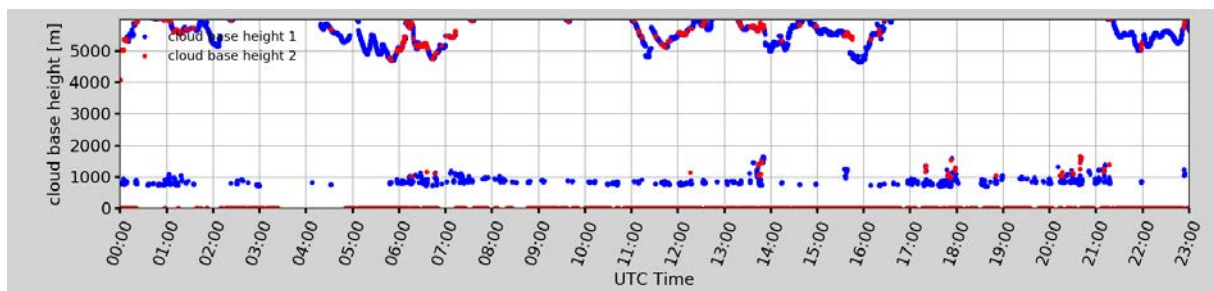
WetDepositionSampler TU Darmstadt: running

## 4. Outlook

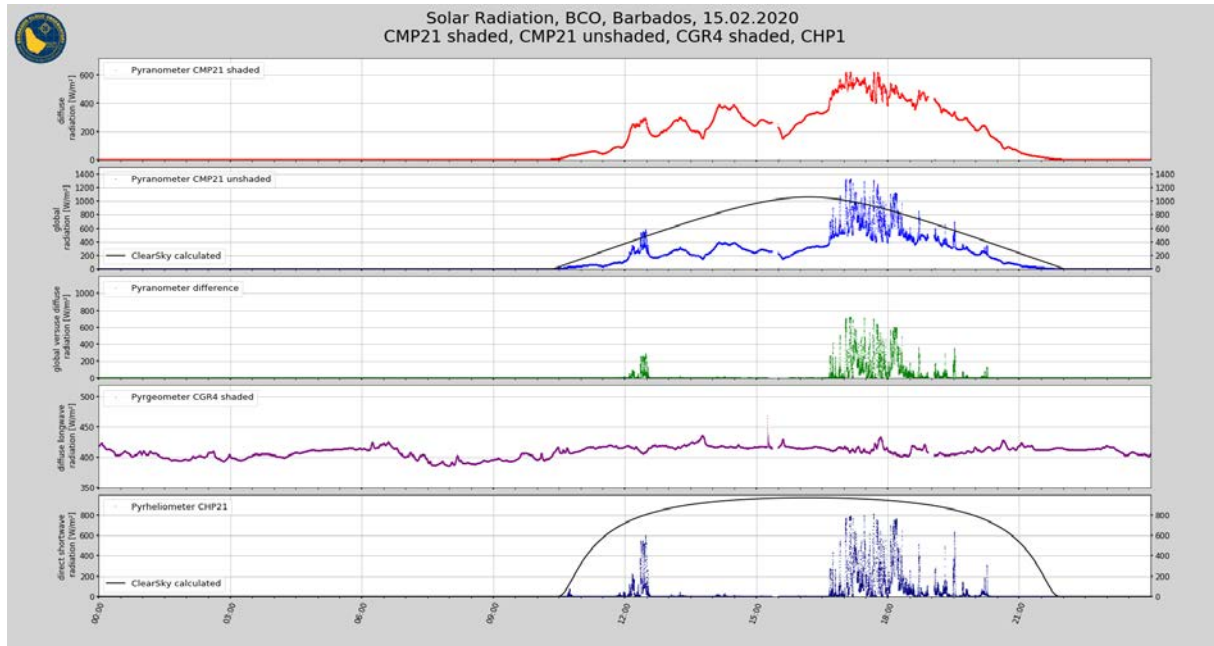
Last BCO-Report for EUREC4A!

## 5. Figures

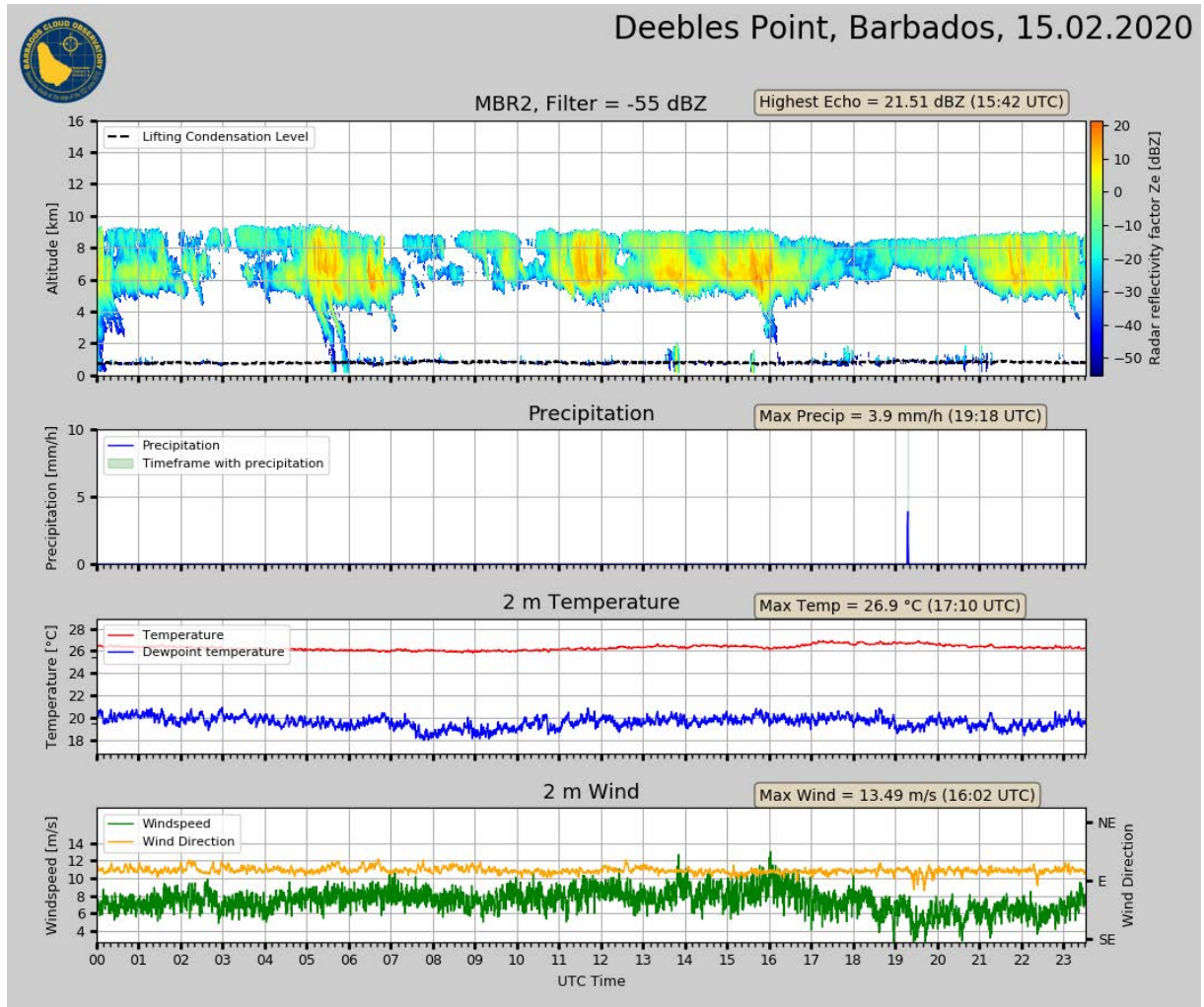
CBH from Ceilometer:



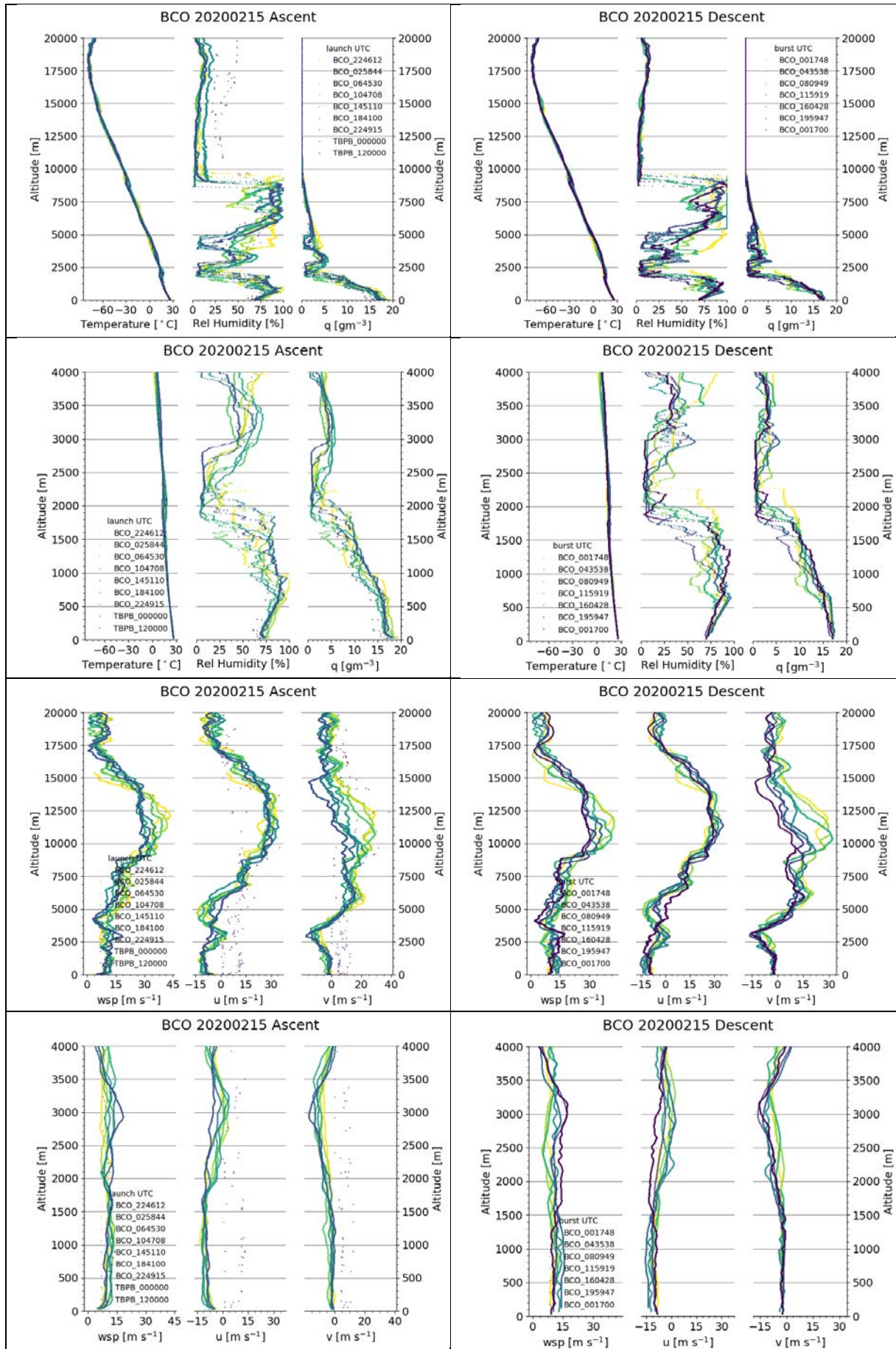
## Radiation:



## Ka-Band-Radar/Weathersensor

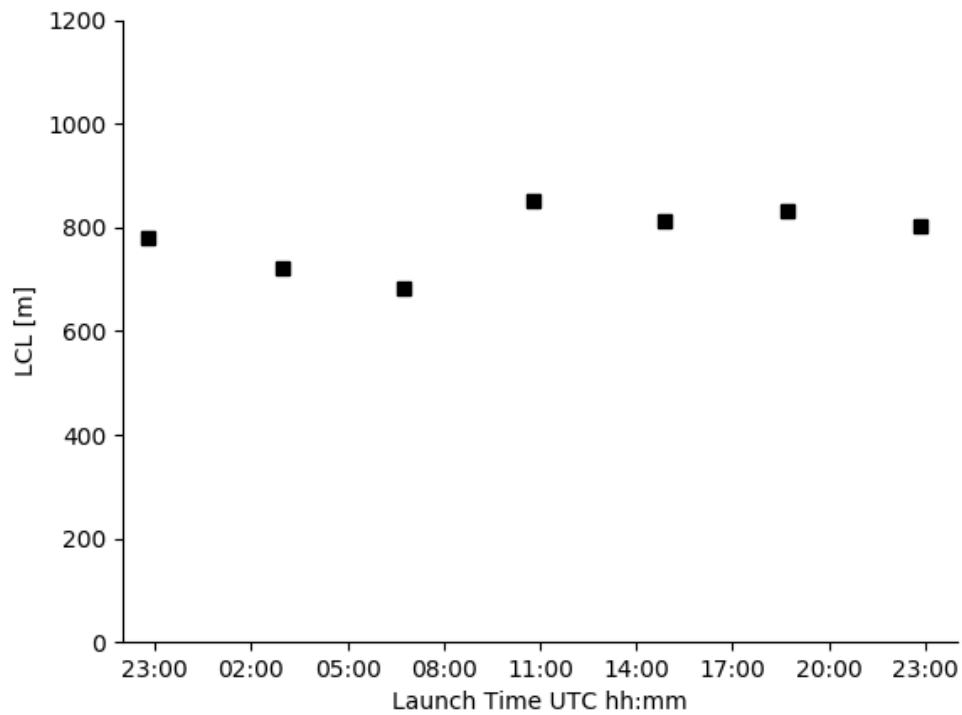


# Radiosondes:



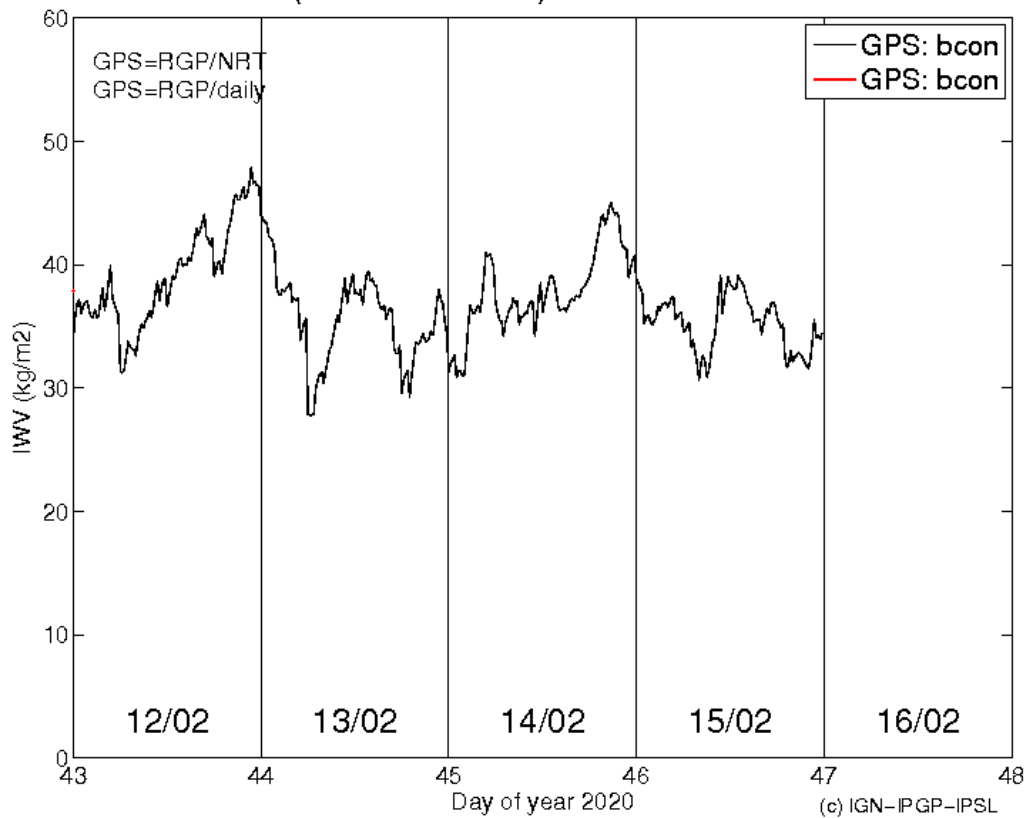
LCL from Radiosondes:

### BCO 20200215 Ascent

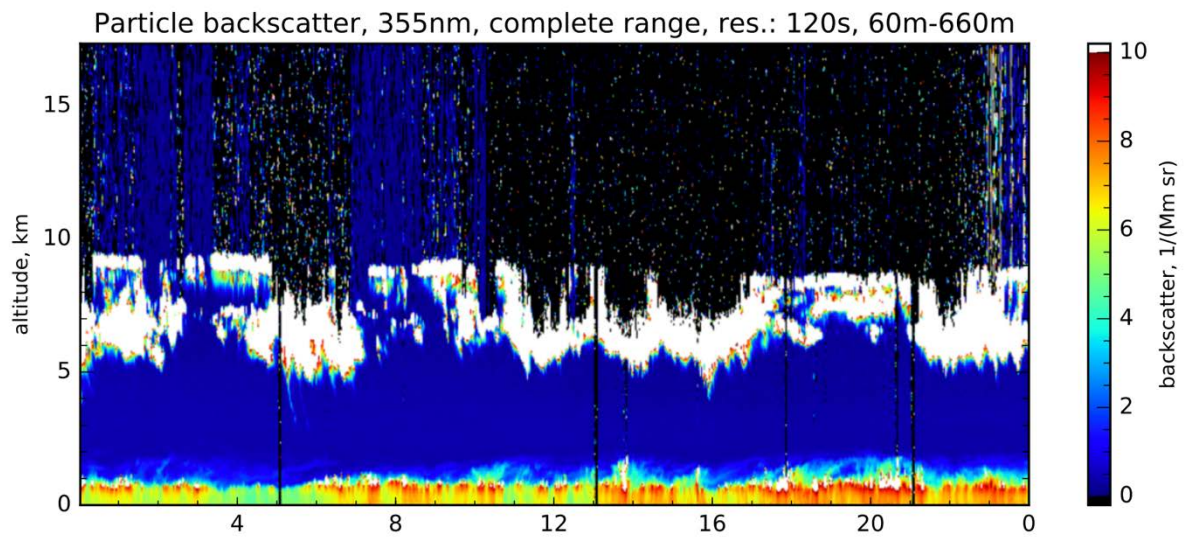


IWV from GNSS:

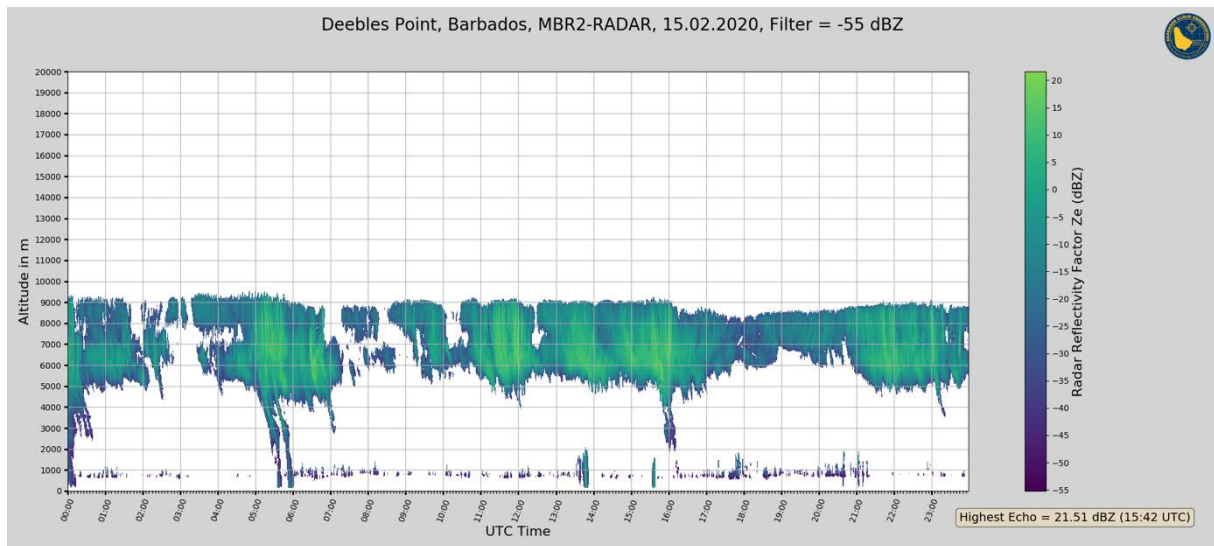
### IWV bcon (13.2N 300.6E) 12/02/2020–16/02/2020



### Backscatter Signal from Raman Lidar:



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



TSI Dayplot:

