

Coordinates on BCO

Horizontal coordinates

The BCO is located at [13°09'45.5" N, 059°25'43.5" W](#).

Vertical coordinates

Vertical coordinates on BCO are given in **meters**. The reference height is the surface level of the center of the site, at **17 m** altitude above mean sea level ([doi:10.1175/BAMS-D-14-00247.1](https://doi.org/10.1175/BAMS-D-14-00247.1)).

Instrument base heights

The instrument base height describes where the internal reference point of the instrument is located with respect to the BCO (and consequently the mean sea level). It describes e.g. the location of the antenna of a radar, or the position of the sensor for ground measurements.

Instrument	Offset to BCO / m	altitude (above MSL) / m
Allsky		
Weather		
Radiation	4.5	21.5
Disdro		
HATPRO		
BCOHAT	4.5	21.5
KIT	2	19
KATRIN	5	22
CORAL radar (MBR2)	1.5	18.5
MBRS	1.5	18.5
WBand	4	21
MRR	3	20
Ceilometer	5	22
WindLidar1	4	21
WindLidar2	4	21
EARLI lidar	3	20
LICHT lidar	3	20
CORAL lidar	3	20

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