

## Cloud radars at BCO

The first cloud radar measurements at the BCO started on the 10th of April 2010 with the KIT-WORA a cloud radar owned by the Karlsruhe Institute for Technology (KIT). It was operated until the 9th of January 2011. In December 2010 the scanning Ka-Band radar KATRIN was installed at the BCO. It was operated parallel to the KIT-WORA for a short time and replaced it in January 2011 as the BCO cloud radar.

(data of the KATRIN radar, stored in the common NetCDF-Format, can be found here:

`/pool/OBS/BARBADOS_CLOUD_OBSERVATORY/Level_1/B_Reflectivity/Ka-Band/KATRIN/`

In 2015 the more sensitive, but only profiling Ka-Band radar CORAL was installed at the BCO and after a time of parallel operation the KATRIN radar was decommissioned in 2018 and the CORAL radar remained the BCO cloud radar.

### CORAL Radar



### RUMBA Radar



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