

# Facility Status Summary

15.08.07

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## Aircraft:

FAAM BAe 146 is operational.

## Lidar:

UHOH Water Vapor DIAL, UHOH Rotational Raman Lidar, IMK Windtracer, IFT WindLidar, IFT Multi-Wavelength Lidar, U. Salford Doppler Lidar, UNIBAS Raman Lidar are operational.

## Radiometer:

U. Cologne HATPRO+IR Radiometer, U. Bonn ADMIRARI, U. Salford 14 Channel Microwave Radiometer, CNR-IMAA Microwave Radiometer, U. Cologne Dual Polarization Radiometer are operational.

## Radar:

DLR Poldirad, IMK C-Band, UHH Cloud Radar, CNRS X-Band Radar, CNRS K-Band Radar, U. Vienna Micro Rain Radar, TU Delft TARA are operational.

## GPS:

GFZ Potsdam GPS Network, CNRS GPS Network is operational.

## WTR/SODAR/RASS:

IMK Sodar 1, IMK Wind Temperature Radar, U. Bayreuth Sodar-RASS are operational.

## Surface in Situ:

All IMK Energy Balance Stations, IMK Turbulence Tower Network, IMK Soil Moisture Network, all U. Bayreuth Energy Bal. Stations, U. Vienna Surface Energy Balance System, all U. Vienna Sonic Anemometers, all U. Vienna HOBO Autom. Weather Stations, 2 U. Vienna MAWS Autom. Weather Stations, U. Bonn Turbulence Tower, U. Bonn Scintillometer, U. Bonn Energy Balance System are operational.

## Mast:

U. Bayreuth mast is operational.

## In-Situ vertical Sounding:

IMK Radiosonde Station (FZK), 2 IMK Dropup-Teams, both UK Radiosonde Stations, U. Vienna Radiosonde Station are operational.

## Precipitation Stations:

U. Vienna Distrometer is operational.

## Cameras:

IMK Full Sky Camera are operational.

## Uncategorized:

ARM Mobile Facility is operational.