

Facility Status Summary

08.08.07

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Aircraft:

No aircraft available.

Lidar:

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

Radiometer:

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

Radar:

DLR Poldirad, IMK C-Band, UHOH X-Band Radar, UHH Cloud Radar, U. Hamburg Micro Rain Radars, U. Vienna Micro Rain Radar, TU Delft TARA, CSWR Doppler on Wheels 1 and 2 are operational.

GPS:

GFZ Potsdam GPS Network, CNRS GPS Network are operational.

WTR/SODAR/RASS:

IMK Sodar 1, IMK Wind Temperature Radar, U. Bayreuth Sodar-RASS, U. Freiburg Flat Array Sodar 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, U. Freiburg Forestmet. Res. Site (Hartheim), U. Freiburg Forestmet. Res. Sites (Tuttlingen) are operational.

In-Situ vertical Sounding:

Both IMK Radiosonde Stations, 4 IMK Dropup-Sonde Teams, both UK Radiosonde Stations, U. Vienna Radiosonde Station are operational.

Precipitation Stations:

U. Vienna Distrometer, U. Innsbruck Thies Distrometer 1+2, U. Innsbruck Ott Pluvio Rain gauge, U. Innsbruck Davis Rain Collectors are operational.

Cameras:

IMK Full Sky Camera are operational.

Uncategorized:

ARM Mobile Facility is operational.