

# Facility Status Summary

**01.08.07** (Issued: 02.08.07 10:10 CEST)

## **Aircraft:**

DLR Falcon, SAFIRE Falcon, MetAir Dimona are operational.

## **Lidar:**

UHOH Water Vapor DIAL, IMK Windtracer, CNRS TRESS Aerosol Raman lidar, CNRS Raman Lidar, U. Salford Doppler Lidar, UNIBAS Raman Lidar are operational.

## **Radiometer:**

U. Cologne HATPRO+IR Radiometer, CNRS TRESS Sun Photometer, CNRS TRESS 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, IMK Cloud Radar, UHH Cloud Radar, U. Hamburg Micro Rain Radars, CNRS X-band Radar and CNRS-K-band Radar, U. Vienna Micro Rain Radar, CSWR Doppler on Wheels 1 and 2 are operational.

## **GPS:**

GFZ Potsdam GPS Network, CNRS GPS Network are operational.

## **WTR/SODAR/RASS:**

Both IMK Sodars, IMK Wind Temperature Radar, U. Bayreuth Sodar-RASS, U. Manchester Radio Wind Profiler 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 Energy Balance System are operational.

## **Mast:**

U. Bayreuth mast is operational.

## **In-Situ vertical Sounding:**

Both IMK Radiosonde Stations, all IMK Dropup-Teams, both UK Radiosonde Stations are operational.

## **Precipitation Stations:**

U. Vienna Distrometer is operational.

## **Cameras:**

CNRS Full Sky Camera, IMK Full Sky Camera are operational.

## **Uncategorized:**

ARM Mobile Facility is operational.