

# Facility Status Summary

28.07.07 (Issued: 29.07.07 11:52:36CEST)

## Aircraft:

DLR Falcon, SAFIRE Falcon, SAFIRE ATR42, IMK DO 128 are operational.

## Lidar:

UHOH Water Vapor DIAL, IMK Windtracer, IFT Wind Lidar, IFT Multi-Wavelength Lidar, 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 Sodar, IMK Wind Temperature Radar, U. Bayreuth Sodar-RASS, U. Freiburg Flat Array Sodar, Meteo France/CNRS UHF Wind Profiler, U. Manchester Radio Wind Profiler, U. Leeds Sodar 2 are operational.

## Surface in Situ:

All IMK Energy Balance Stations, IMK Turbulence Tower Network, all U. Bayreuth Energy Bal. Stations, all Meteo France Surface Flux Stations, all Meteo France Soil Moisture Stations, U. Manchester Aerosol Container, all U. Vienna Sonic Anemometers, U. Leeds Autom. Weather Station Network, 85 U. Vienna HOBO Autom. Weather Stations, 2 U. Vienna MAWS Autom. Weather Stations, U. Bonn Turbulence Tower, U. Bonn Scintillometer, U. Bonn Energy Balance Station are operational.

## Mast:

U. Bayreuth mast, U. Freiburg Forestmet. Res. Site (Harthem), U. Freiburg Forestmet. Res. Sites (Tuttlingen) are operational.

## In-Situ vertical Sounding:

all IMK Dropup-Teams, Meteo France/CNRS Radiosonde Station, both UK Radiosonde Stations 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:

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

## Uncategorized:

ARM Mobile Facility is operational.