

Facility Status Summary

31.07.07 (Issued: 01.08.07 18:10 CEST)

Aircraft:

DLR Falcon, SAFIRE Falcon, IMK Do 128, 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, U. Bonn ADMIRARI, 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, Meteo France/CNRS UHF Wind Profiler, Meteo France/CNRS Sodar, 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. Munich Surface Station Mesonet, all Meteo France Surface Flux Stations, all Meteo France Soil Moisture 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. Innsbruck Aut. Weather Stations are operational.

Mast:

U. Bayreuth mast is operational.

In-Situ vertical Sounding:

Both IMK Radiosonde Stations, 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.