

AMMA database content

2010-04-30



The first table lists all the **local observation data** (geophysics, health, socio-eco...) stored in the AMMA database. The status is:

- **Inserted** if the dataset has been converted into PostgreSQL database format. Both PI's original files and inserted data are available.
- **Received, not inserted** if the dataset is available as provided by the PI, but not converted yet into database format.
- **Available** if the dataset is distributed in the original format only. That mainly concerns 2D-data, such as radar ones.

The second table presents available **satellite products** and the third table lists available **model outputs**. The products are (re-)mapped on regular latitude/longitude grids and available in NetCDF format.

Data Type	Status	Access
Local observations	<i>Inserted</i>	http://database.amma-international.org/ or http://amma.agrhymet.ne/amma-data/
Local observations	<i>Received not inserted</i> <i>Available</i> <i>Original PI's files</i>	From the database user interface homepages , follow the link: Data Catalogue or AMMA Instruments sheets / Metadata page
Satellite products		http://database.amma-international.org/ or http://amma.agrhymet.ne/amma-data/
Model outputs		or http://bddamma.ipsl.polytechnique.fr/

AMMA local observation database content on April 15th, 2010
(**new** or **modified** datasets)

LOP Instruments

Instrument sheet code	PIs	Description and measure sites	Period	Way and Status
AL.Met_Gh	Timouk Franck	Two meteorological stations. Gourma meso-scale site, Agoufou / Bamba. Bamba 2007 : corrected dataset	March 2005 – Dec. 2007 2008 2007	<i>Inserted</i> <i>Received, not inserted</i> <i>Received, not inserted</i>
AL.Met_Ncb	Demarty Jérôme	Meteorological station. Niger meso-site, Banizoumbou.	Jan. 2005 – Dec. 2006	<i>Inserted</i>
AL.Met_Od	Galle Sylvie	Meteorological station. Ouémé meso-scale site, Djougou.	March 2002 – Dec. 2009	V2 (Feb. 2010) Inserted
CL.Depot_RW	Galy-Lacaux Corinne	IDAF atmospheric deposition network. Banizoumbou / Djougou / Hombori / Lamto	Apr. 2004 – Dec. 2007	<i>Received, not inserted</i>
CL.Ero_Nc	Bouzou Ibrahim	Soil erosion measurement network. Niger meso- site Wankama catchment Torodi Kiboro basin:	2005 – 2007 2004 – 2008	<i>Received, not inserted</i> <i>Received, not inserted</i>
CL.Gwat_N	Guillaume Favreau Nazoumou Yahaya	Piezometric monitoring network. Niger meso-site, Kori de Dantiandou.	Jan. 2003 – Nov. 2006 2007 – 2009	<i>Inserted</i> <i>Received, not inserted</i>
CL.Gwat_Od	Séguis Luc	Water level in rural wells and conductivity. Ouémé meso-scale site, Donga catchment.	Aug. 1999 – Dec. 2005	<i>Inserted</i>
CL.Pond_Nc	Guillaume Favreau Nazoumou Yahaya	Pond level gauge network. Niger meso-site	Jan. 2003 – Nov. 2006	<i>Inserted</i>
CL.Rain_G	Arjounin Marc	Rainfall gauges network. Gourma meso-scale site, Zakret / Tin Tadeini / Kobou / Nessouma / Kinia / Hekya / Ebang Imalan / Binantao	April 2005 – Nov. 2007 2008	V2 (05/2008) <i>Inserted</i> <i>Inserted</i>
CL.Rain_N	Theo Vischel	Rainfall gauges network. Niger meso-site	March 2005 – Nov. 2007 2008 2009	V2 (05/2008) <i>Inserted</i> <i>Inserted</i> Received, not inserted
CL_Rain_Nc	Luc Descroix	Rainfall gauges network. Niger meso-site, Dantiandou kori valley / Bani Kossey depression.	Aug. 2005 – Sept. 2007	V2 (05/2008) <i>Inserted</i>
CL.Rain_O	Le Barbé Luc Gosset Marielle	Rainfall gauges network . Ouémé meso-scale site, Donga catchment.	Jan. 2005 – Dec. 2007 2008	V2 (03/2008) <i>Inserted</i> <i>Inserted</i>

CL.Rain_Od	Le Barbé Luc Gosset Marielle	Rainfall gauges network. Ouémé meso-scale site, Donga catchment.	Jan. 2005 – Dec. 2007 2008	<i>V2 (03/2008) Inserted</i> <i>Inserted</i>
CL.RMP_Nc	Vouillamoz Jean-Michel	Aquifer parameters. Niger meso-site, Banizoumbou / Wankama / Niamey.	Dec. 2005	<i>Inserted</i>
CL.RMP_Odc	Descloîtres Marc	Aquifer parameters. Ouémé meso-scale site, Ara/ Bira / Béléfoungou	Nov. – Dec. 2006	<i>Available (pdf report)</i>
CL.Run_O	Peugeot Christophe	River discharge and electrical conductivity. Upper Ouémé watershed.	Jan. 1996 – Dec. 2006 2007 – 2008	<i>Inserted</i> <i>Inserted</i>
CL.Run_Od	Séguis Luc	River discharge and electrical conductivity. Ouémé meso-scale site, Donga catchment, 2 stations.	Jan. 2003 – Dec. 2006	<i>Inserted</i>
CL.Veg_G	Hierniaux Pierre Mougin Eric	Monitoring of vegetation. Gourma meso-scale site.	2005 – 2007	<i>Received, not inserted</i>
OL.Buoys_AE	Bourlès Bernard	ATLAS buoys of the PIRATA network. Gulf of Guinea, Tropical Atlantic Ocean. Calibrated daily data for 11 PIRATA buoys. Real time GTS data: see BUOYS dataset	1997 – 2010	<i>Received, not inserted</i>
OL.Prov_AE	Bourlès Bernard	ARGO temperature and salinity profilers. Equatorial Atlantic, Gulf of Guinea.	Jan. 2000 – July 2008 July – Dec. 2008	<i>Inserted</i> <i>Inserted</i>
OL.SSS_AE	Delcroix Thierry	Thermosalinographs. Tropical Atlantic	Mar. 2000 – Dec. 2008	<i>Inserted</i>
OL.StMet_ST	Bourlès Bernard	Meteorological station, São Tomé island, Islas das Rolas.	2003 - 2009	<i>Received, not inserted</i>

EOP Instruments

Instrument sheet code	PIs	Description and measure sites	Period	Status
AE.Dsd_Or	Gosset Marielle	Parsivel Dismeter. Ouémé meso-scale sites, Nangatchori.	Aug. – Oct. 2005	<i>Inserted</i>
AE.Dust_ST	Rajot Jean-Louis	Mineral dust monitoring station network. M'Bour, Senegal / Cinzana, Mali / 5 km from Banizoumbou, Niger.	Jan. 2005 – Dec. 2007 2008	<i>V2 (05/2008) Inserted</i> <i>Received, not inserted</i>
AE.Flux_MBour	Chiapello Isabelle	Radiative fluxes and aerosol measurements. M'Bour, Senegal.	Jan. – Nov. 2006	<i>Inserted</i>
AE.GPS_1	Bock Olivier / Bouin Marie-Noelle	GPS Network Djougou / Gao/ Niamey Dakar / Djougou / Gao / Niamey Dakar / Djougou / Gao / Niamey / Ouagadougou / Tamale / Tombouctou.	Aug. 2005 – Dec. 2006 Jan. – Déc. 2006 Jan. 2005 – Dec. 2007	<i>Inserted</i> <i>V2 (06/2007) Inserted</i> <i>V3 (12/2008) Inserted</i>

AE.H2OFlux_G	Lloyd Colin / Timouk Franck	Two flux stations. Gourma meso-scale site, Agoufou / Kelema.	Meteo.: Apr. 05 – Jul. 06 Flux: Apr. 05 – May 06 2007	<i>Available (NetCDF format) Received, not inserted</i>
AE.H2OFlux_Ncw	Cappelaere Bernard	Two flux stations. Niger meso-site, Wankama catchment. Wankama_WKSH2, year 2005 corrected (11/2008)	Jan. 2005 – Dec. 2006	<i>Inserted</i>
AE.H2OFlux_Odc	Lloyd Colin / Galle Sylvie	Flux station. Ouémé meso-scale site, Béléfoungou	Meteo.: Nov. 05 – Aug. 06 Flux: Oct. 05 – Sept. 06	<i>Available (NetCDF format)</i>
AE.H2OFlux_Po	Lloyd Colin / Galle Sylvie	Flux station. Pobè, Palm plantation site, Benin.	Meteo.: Feb. – May 2006	<i>Available (NetCDF format)</i>
AE.MuLID_ST	Cairo Francesco	Elastic backscattering Lidar. Banizoumbou, Niger / Cinzana, Mali / M'Bour, Senegal	Jan. – Aug. 2006	<i>V2 (04/2009) Inserted</i>
AE.NOx_G	Serça Dominique	Soil NO and CO2 flux measurements. Gourma meso-scale site, Agoufou.	June 04 – July 06	Inserted
AE_OSP_Od	Barthès Laurent	Disdrometers. Ouémé meso-scale sites, Nangatchori, / Kopargo.	June – Sep. 2006	<i>Inserted</i>
AE.RadX_Od	Gosset Marielle	X-port radar. Benin, Djougou Met. Station / Cotonou.	June – Sep. 2006 May – Oct. 2007	<i>Available (NetCDF format)</i>
AE.RS_1	Fink Andreas	Radiosondes - Monsoon Array. High resolution profiles. Abidjan / Abuja / Bangui / Conakry / Cotonou / Douala / Ngaoundere / Niamey / Parakou / Tamale.	2005 – 2008	Conakry : only GTS Others: HR <i>Inserted</i> + GTS <i>Inserted</i>
AE.RS_2	Janicot Serge	Radiosondes - Sahelian Array. High resolution profiles. Bamako / Dakar / N'Djamena / Niamey / Ouagadougou / Sal / Tambacounda.	2005 – 2008	Sal: only GTS Others: HR <i>Inserted</i> + GTS <i>Inserted</i>
AE.RS_3	Parker Doug	Radiosondes - Northern Array. High resolution profiles. Agadez / Nouakchott / Tamanrasset / Tombouctou.	2005 – 2007	Tamanrasset: only GTS Others: HR <i>Inserted</i> + GTS <i>Inserted</i>
AE.RS80-RHcor	Nuret Mathieu	Radiosondes Vaisala: RS-80 humidity corrected, RS-92 untouched Abidjan / Agadez / Bamako / Cotonou_O3 / Dakar / Douala / N'Djamena / Ngaoundere / Niamey / Nouadhibou / Nouakchott / Tombouctou.	2005 - 2008	<i>Inserted</i>
AE.RSO3_Od	Thouret Valérie	PTU / Ozone radiosondes. Benin, Cotonou Airport.	Jan. 2005 – Jan. 2007	<i>V2 (11/2007) Inserted</i>
AE.Scintil_Od	Cohard Jean-Martial	Scintillometer, transect. Ouémé meso-scale site, Ara supersite.	Jan. – April 2006	<i>Inserted</i>

AE.SHFlux_G	Lloyd Colin / Timouk Franck	Two flux stations. Gourma meso-scale site, Bamba / Hedgerit.	Meteo.: Apr. 05 – Jul. 06 Flux : Apr. 05 – Oct. 06	<i>Available (NetCDF format)</i>
AE.SHFlux_Nc	Cappelaere Bernard / Lloyd Colin	Two flux stations. Niger meso-site, Wankama / Banizoumbou.	Meteo.: Nov. 05 – Oct. 06 Flux : Mar. 06 – Jul. 06	<i>Available (NetCDF format)</i>
AE.SHFlux_Od	Lloyd Colin / Galle Sylvie	Two flux stations. Ouémé meso-scale site, Nalohou / Bira.	Meteo.: Nov. 05 – Jun 06 Flux : Mar. 06 – Nov. 06	<i>Available (NetCDF format)</i>
AE.UHF_BO	Campistron Bernard	UHF wind profiler Doppler radar. Ouagadougou, Burkina.	June – Aug. 2006	<i>Inserted</i>
AE_VAN_Od	Serça Dominique	Biogenic emissions and fluxes station. Ouémé meso-scale site, Nangatchori village.	Turb.: Sep. 05 – Apr. 07 Meteo.: July 05 – Oct. 06 Chem.: July 05 – Apr. 07	<i>Received not inserted Inserted Inserted</i>
AE.VHF_O	Campistron Bernard	VHF strato-tropospheric radar. Ouémé meso-scale site, Nangatchori.	Apr. 2006 – Dec. 2006 Jan. – Nov. 2007	<i>Inserted Inserted</i>
CE.Gwat_Nc	Guillaume Favreau Nazoumou Yahaya	Water level monitoring, different sites. Niger meso-site, Wankama catchment / Kafina / Maourey Kouara Zeno / Banizoumbou.	Jan. 2003 – Déc 2006	<i>Inserted</i>
CE.Gwat_Odc	Séguis Luc	Ground water, catena. Ouémé meso-scale site, Nalohou	Apr. 2004 – Sept 2008	<i>Received not inserted</i>
CE.PAR_Ga	Demarez Valérie	Vegetation parameters. Gourma meso-scale site, Agoufou / Hombori.	June 2006 – Jan. 2008	<i>Inserted</i>
CE.Rain_Nc	Theo Vischel	Rainfall gauges network. Niger meso-site, Kori de Dantiandou.	March 2005 – Oct. 2007 Apr. – Nov. 2008 March 2005 – Nov. 2008 2009	<i>V2 (06/2008) Inserted Inserted V3 (03/2010) Received not inserted Received not inserted</i>
CE.Run_Nc	Cappelaere Bernard	Stream gauges network. Niger meso-site, Wankama catchment / Tondi Kiboro.	June 2004 – Oct. 2008	<i>Inserted</i>
CE.Sap_Ga	Le Dantec Valérie	Tree water take-up estimations. Gourma meso-scale site, Agoufou	Apr. 2006 – Nov. 2008	<i>Inserted</i>
CE.SWc_Nc	Cappelaere Bernard Pellarin Thierry	Soil moisture monitoring. Niger meso-site, Wankama catchment / Tondi Kiboro. Wankama_WKSH2, year 2005 corrected (11/2008)	Jan. 2005 – Dec. 2006	<i>Inserted</i>
CE.SW_G	De Rosnay Patricia	Soil profile measurement network. Gourma meso-scale site	Feb. 2005 – Dec. 2006 Jan. – Dec. 2007 Jan. – Dec. 2008	<i>V2 (11/2007) Inserted Inserted Inserted</i>
CE.SW_Odc	Galle Sylvie	Soil moisture stations network, three catenas. Ouémé meso-scale site, Belefoungou forest / Bira-Bira bushy savannah / Nalohou fallow site.	Jan. 2005 – Dec. 2007	<i>Inserted</i>

CE.Swsan_Nc	Favreau Guillaume	Soil moisture measurements. Niger meso-site, Wankama catchment / Tondi Kiboro / Sofia Bangou pond.	Feb. 2004 – Oct. 2008 2009	<i>Inserted</i> <i>Received not inserted</i>
CE.Veget_Ncw	Boulain Nicolas Cappelaere Bernard	Vegetation parameters. Niger meso-site, Wankama catchment.	June 2005 – Oct. 2006	<i>Inserted</i>
CE.Veg_Soil	Seghieri Josiane	Vegetation and soil characteristics measurements, Gourma meso-scale site, Hombori supersite /Agoufou	Apr. 2005 – March 2007	<i>Inserted</i>
CE.Wchem_Od	Séguis Luc	Major ions and trace elements. Ouémé meso-scale site, Donga catchment.	July 2002 – Oct. 2004 2008	<i>Inserted</i> <i>Received not inserted</i>
OE.CTD_GG	Bourlès Bernard	Hydrological profiles during EGEE cruises. Gulf of Guinea.	2005, 2006 2007	<i>Inserted</i> <i>Inserted</i>
OE.Navire_GG	Bourlès Bernard	Air and ocean parameters from EGEE cruise. Gulf of Guinea. + new parameters: nutrients profiles.	2005, 2006, 2007	<i>Inserted</i>
OE.XBT_GG	Bourlès Bernard	Temperature profiles. Gulf of Guinea.	2005, 2006 2007	<i>Inserted</i> <i>Received, not inserted</i>

SOP Instruments

Instrument sheet code	PIs	Description and measure sites	Period	Status
AS.Aero_MBour	Chiapello Isabelle	Aerosol measurements. Senegal, M'Bour.	Jan. – Feb. 2006	<i>Inserted</i>
AS.ATR42-AVIRAD	Formenti Paola	Airborne aerosol measurements	June – July 2006 GRIMM data <i>FILTERS logsheet</i> <i>Nephelometer data</i>	<i>Received, not inserted</i> <i>Received, not inserted</i> <i>Received, not inserted</i>
AS.ATR42-Base	Maurel William	Airborne core data	June – Aug. 2006	<i>Inserted</i>
AS.ATR42-Chimie	Agnès Borbon	Airborne chemistry measurements	May – Sept. 2006 COV	<i>Inserted</i>
AS.ATR42-CVI	Schwarzenboeck Alfons	Airborne aerosol measurements	July – Aug. 2006	<i>Received, not inserted</i>
AS.ATR42-Hygro	Gomes Laurent	Airborne hygroscopic particles measurements	June – Aug. 2006	<i>Received, not inserted</i>
AS.ATR42-Turbul	Saïd Frédérique	Airborne turbulence measurements	June – Aug. 2006	<i>V1 + V2 (12/2007)</i> <i>Inserted</i>
AS.BAE146-Base	Reeves Claire	Core instruments of the FAAM BAE146 plane	Nov. 2005 – Aug. 2006	<i>Received, not inserted</i>
AS.BVC_T2	Drobinski Philippe	Constant volume balloons. Launched from Benin.	June – July 2006	<i>Inserted</i>
AS.CT25K_Od	Crewell Suzanne	Lidar Ceilometer.	Jan. 2006 – Jan 2007	<i>Available (NetCDF)</i>

		Ouémé meso-scale site, Nangatchori.	(+ one week, July 2006)	<i>format)</i>
AS.D-F20-AERO	Minikin Andreas	Airborne aerosol measurements	Aug. 2006	<i>Inserted</i>
AS.D-F20-CHEM	Hans Schlager	Airborne chemistry measurements	Aug. 2006	<i>Inserted</i>
AS.D-F20-NAV_MET	Giez Andreas	Airborne meteorological measurements	Aug. 2006	<i>Inserted</i>
AS.D-F20-WIND	Oliver Reitebuch	WIND Doppler Lidar measurement	June –July 2006	<i>Inserted</i>
AS.Drift_T1	Drobinski Philippe	Stratospheric Balloon Driftsonde System. Launched from Chad.	Aug. – Sept. 2006	<i>V1 Inserted</i> <i>V2 (11/2007) Inserted</i>
AS.Dust_Od	Pont Véronique	Aerosols measurements. Ouémé meso-scale site, Nangatchori.	Nov. 05 – Dec. 06 GRIMM	<i>Inserted</i>
AS.Dust_ST_flux	Rajot Jean-Louis	Wind erosion fluxes and dust properties measurements. Niger meso-site, Banizoumbou.	Jan. – Feb. 2006: TEOM, nephelometer, GRIMM, aethelometer May – Jul. 06: TEOM	<i>Inserted</i> <i>Inserted</i> <i>Inserted</i>
AS.F-F20-Base	Maurel William	Airborne core data	June – Sept. 2006	<i>V2 (03/2008) Inserted</i>
AS.F-F20-Chimie	Agnès Borbon	Airborne chemistry measurements	July – Aug. 2006 H2O2, CO, O3 COV	<i>Received, not inserted</i> <i>Inserted</i>
AS.F-F20-Dropsondes	Roux Franck	AVAPS Dropsondes	June – Sept. 2006	<i>Inserted</i>
AS.F-F20-LEANDRE2	Cyrille Flamant	DIAL lidar H2O measurement.	11 Juin: Reflectivity, Jun.–Jul. 06: Water vapour	<i>Received, not inserted</i> <i>Inserted</i>
AS.F-F20-Rasta	Protat Alain	95 GHz Radar component of RALI cloud measurement system.	Sept. 2006	<i>V2 (04/2008) Available</i> <i>(NetCDF format)</i>
AS.Flux_D	Kalthoff Norbert	Energy balance station. Burkina Faso, Bontioli (near Dano).	June – Aug. 2006	<i>Inserted</i>
AS.GPS_1	Bock Olivier	SOP Ground based GPS network. Ouagadougou / Tamale / Tombouctou.	Jan. – Dec. 2006	<i>V3 (12/2008) Inserted</i>
AS.lidar_Mbour	Tanré Didier	Aerosol Lidar. Senegal, M'Bour.	Jan. – Dec. 2006	<i>Inserted</i>
AS.Lightning_Od	Höller Hartmut	LINET Lightning detection network. Benin, Djougou / Natitingou / Kerau / Bembereke / Parakou / Bassila	July – Nov. 2006	<i>Inserted</i>
AS.MicroDirac	Robinson Andrew	Chemistry balloons. Niger meso-site, Niamey.	July – Aug. 2006	<i>Partly received, not</i> <i>inserted</i>
AS.MITRadC-N	Williams Earle	C-band Doppler weather radar. Niger meso-site, Niamey.	June 2006 – Sept. 2007	<i>Available (SIGMet +</i> <i>NetCDF format)</i>
AS.NPOL_Dk	Kucera Paul	Dual polarized S-band radar.	Aug. – Sept. 2006	<i>Available (uf format).</i>

		Senegal, 40 km SE of Dakar.		
AS.POLIS_Ncb	Wiegner Matthias	Aerosol Depolarization and Raman Lidar. Niger meso-site, Banizoumbou	Jan. – Feb. 2006	<i>Inserted</i>
AS.PROF_Od	Crewell Suzanne	Tropospheric microwave profiler. Ouémé meso-scale site, Nangatchori.	Jan. 2006 – Jan. 2007	<i>Available (NetCDF format)</i>
AS.RADK_Od	Crewell Suzanne	Micro rain radar. Ouémé meso-scale site, Nangatchori.	March – Nov. 2006	<i>Inserted</i>
AS.Ronsard_O	Scialom Georges	C-band Doppler polarimetric radar. Ouémé meso-scale site, Kopargo.	June – Sept. 2006	<i>Available (NetCDF format)</i>
AS.RS_1	Fink Andreas	Radiosondes - SOP Southern Quadrilateral. High resolution profiles. Abuja / Cotonou / Niamey / Parakou / Tamale.	2006	<i>HR Inserted</i> <i>+ GTS Inserted</i>
AS.RS_2	Parker Doug	Radiosondes - SOP Northern Quadrilateral. High resolution profiles. Agadez / Niamey / Ouagadougou / Parakou / Tombouctou.	2006	<i>HR Inserted</i> <i>+ GTS Inserted</i>
AS.RS_3	Janicot Serge	Radiosondes - SOP Western Quadrilateral. High resolution profiles. Bamako / Conakry / Dakar / Nouakchott / Sal / Tambacounda.	2006	Conakry, Sal: only GTS Others: <i>HR Inserted</i> <i>+ GTS Inserted</i>
AS.Rs_D	Kalthoff Norbert	Radiosondes. High resolution profiles. Burkina Faso, Dano.	May – Aug. 2006	<i>HR Inserted</i> <i>+ GTS Inserted</i>
AS.RSO3_Od	Thouret Valérie	PTU / Ozone radiosondes. Benin, Cotonou Airport.	June – Sept. 2006	<i>V2 (11/2007)</i> <i>Inserted</i>
AS.Sodar_D	Kalthoff Norbert	Continuous wind measurements by Sodar. Burkina Faso, Dano.	June – Aug. 2006	<i>Inserted</i>
AS.SODAR_N	Parker Doug / Kalthoff Norbert	Four acoustic sodars. Niger meso-site.	June – Aug. 2006	<i>Inserted</i>
AS.TRESS_Tam	Flamant Cyrille Cuesta Juan	Remote sensing platform, clouds, aerosols properties. , Algeria, Tamanrasset.	Feb. – Nov. 2006	<i>Inserted</i>
AS.UHF_O	Campistron Bernard	UHF Doppler radar wind profiler. Ouémé meso-scale site, Nangatchori.	April – Nov. 2006	<i>Inserted</i>
CS.Rain_Dk	Kucera Paul	NAMMA Rainfall gauges network. Western Senegal.	Aug. – Sept. 2006	<i>Inserted</i>
CS.Soilmoisture_D	Kalthoff Norbert	Soil moisture measurements. Burkina Faso, Dano.	June – Aug. 2006	<i>Inserted</i>
OS.Flu_SAG	Caniaux Guy	Atmospheric turbulence parameters, EGEE cruises. Gulf of Guinea.	May – July 2006	<i>Inserted</i>

OS.MAERI_ATL	Key Erica	Ocean skin temperature, Ron Brown. Atlantic ocean	May – July 2006	<i>Inserted</i>
OS.MAERI_GG	Key Erica	Ocean skin temperature, EGEE 3 cruise. Gulf of Guinea	May – July 2006	<i>Inserted</i>
OS.Mari_SAG	Rolland Jean	MARISONDE drifting buoys. Gulf of Guinea.	June – Sep. 2006	<i>Inserted</i>
OS.Mat_SAG	Caniaux Guy	Air and interface flux measurements, EGEE cruises. Gulf of Guinea	May– July 2006	<i>Inserted</i>
OS.RonBrown	Minnett Peter	Air and ocean parameters from AMMA/AEROSE-II campaign, Ronald H. Brown ship. Tropical Atlantic Ocean.	June – July 2006 May 2007	<i>Inserted</i>
OS.RS_Meteor	Brandt Peter	Radiosondes, Meteor vessel. High resolution profiles. Tropical Atlantic	April– July 2006	<i>Inserted</i>
OS.RS_RonBrown	Minnett Peter	Radiosondes, AMMA/AEROSE-II campaign, Ronald H. Brown ship. High resolution profiles. Tropical Atlantic Ocean.	May – July 2006	<i>Inserted</i>
OS.RS_Sag	Caniaux Guy	Radiosondes, EGEE cruises. High resolution profiles. Gulf of Guinea	May – July 2006	HR <i>Inserted</i> + GTS <i>Inserted</i>
OS.XBT_GG	Bourlès Bernard	Temperature profilers, EGEE cruises. Gulf of Guinea	Jan. – Dec. 2006	<i>Inserted</i>

GTS data

Domain: [50°W, 50°E] x [20°S, 40°N]

Type of data	Description	Period	Status
ACAR	US aircraft reports	04/11/1999 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
AIREP	Manual aircraft reports	03/11/1999 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
AMDAR	Automatic aircraft reports	03/11/1999 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
BATHY	Sea surface and soundings observations	01/01/1997 – 18/03/2009 19/03/2009 – 14/04/2010	<i>Inserted</i> <i>Received not inserted</i>
BUOY	Marine buoy observations	16/01/2006 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
EUROPROFIL	Wind and temperature profiles from ground instruments	01/01/2005 – 04/04/2010	<i>Received not inserted</i>

PILOT	Upper wind from fixed land stations	03/11/1999 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
SHIP	Synoptic observations from marine stations	01/01/1996 – 31/12/2008 01/01/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
SYNOP	Synoptic observations from fixed land stations	01/01/2005 – 31/12/2008 01/01/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
TEMP	Radio soundings from fixed land stations	01/01/1996 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
TEMPDROP	Dropsondes / dropwindsondes	06/08/1996 – 31/08/2008 01/09/2008 – 17/03/2010	<i>Inserted</i> <i>Received not inserted</i>
TEMPMOBIL	Radio soundings from mobile land stations	12/05/2006 – 05/07/2006 1998	<i>Inserted</i> <i>Received not inserted</i>
TEMPSHIP	Radio soundings from marine stations	01/01/1996 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
TESAC	Sub-surface profiling floats	01/01/2002 – 31/03/2009 01/04/2009 – 22/04/2010	<i>Inserted</i> <i>Received not inserted</i>
TRACKOB	Sea-surface observations	10/07/1995 – 26/03/2009 27/03/2009 – 19/04/2010	<i>Inserted</i> <i>Received not inserted</i>

Historical data

Instrument sheet code	PIs	Description and measure sites	Period	Status
DClim	Météo-France	Meteorological data from the synoptical stations of 14 African French-speaking countries, 143 stations.	01/05/1854 – 31/12/1983	<i>Inserted</i>
DMN_Guinee	Barry Alpha	Synoptic meteorological data. Kankan, Labé, Siguiri	01/01/1903 – 30/11/2006	<i>Inserted</i>
Pluvio	IRD	Hydrological data, 2451 stations in 19 countries	31/01/1859 – 31/12/1980	<i>Inserted</i>
AERONET	AERONET-PHOTONS	42 sun photometer stations in and around West Africa	21/10/1994 – 21/11/2006 22/11/2006 – 04/09/2008	<i>Inserted</i> <i>Received, not inserted</i>

Health impacts

Instrument sheet code	PIs	Description and measure sites	Period	Status
Barkedji_Ponds_Area	Vignolles Cécile	Zone Potentially Occupied by Mosquitoes Rainfall and topographic measurements. Barkedji, Senegal.	June – October 2007	<i>Received, not inserted</i>

CERMES_Mosquitoes	Jeanne Isabelle	Malaria vectors collection Banizoumbou, Zindarou, Niger.	Feb. 2005 – Dec. 2007	<i>Received, not inserted</i>
CERMES_Temperatures	Jeanne Isabelle	Weather records in 44 sites. Niger	April 2006 – Jan. 2008	<i>Received, not inserted</i>

Socio-economics questionnaire

Instrument sheet code	PIs	Description and measure sites	Period	Status
Adaptation_quest	Mertz Olé Maïga Adbou	1344 questionnaires in French language Burkina, Mali, Niger, Nigeria, Senegal	Nov. 2007 – July 2008	<i>Inserted</i>

IMPETUS Datasets

Instrument sheet code	PIs	Description and measure sites	Period	Status
IMPETUS_068	Kuhn Arnim	Area under cultivation. Benin, subprefecture level.	1988 – 1998	<i>Received, not inserted</i>
IMPETUS_074	Giertz Simone	Discharge measurements. Benin, Aguima / Niaou catchment.	July – Dec. 2007	<i>Received, not inserted</i>
IMPETUS_078	Orthmann Bettina	Biomass production of herbaceous layer of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Nov. 2001 – Nov. 2002	<i>Received, not inserted</i>
IMPETUS_081	Giertz Simone	Surface soil moisture. Benin, Aguima catchment.	Feb. – Nov. 2002	<i>Received, not inserted</i>
IMPETUS_116	Giertz Simone	Soil maps (1:200.000). Benin.	Nov. 2000 – Dec. 2001	<i>Received, not inserted</i>
IMPETUS_117	Giertz Simone	Meteorological measurements. Benin, Aguima Catchment.	June 2001 – Oct. 2007	<i>Received, not inserted</i>
IMPETUS_119	Giertz Simone	Soil water dynamics. Benin, Aguima Catchment.	June 2001 – Dec. 2006	<i>Received, not inserted</i>
IMPETUS_120	Giertz Simone	Physical soil properties. Benin, Aguima Catchment.	Dec. 2000 – May 2002	<i>Received, not inserted</i>
IMPETUS_125	Burkhardt Jürgen	Meteorological measurements. Benin, Doguè / Ouémé Upper Catchment (HVO).	Aug. – Sept 2002	<i>Received, not inserted</i>
IMPETUS_126	Giertz Simone	Meteorological measurements. Benin, Doguè / Ouémé Upper Catchment (HVO).	Apr. 2004 – Dec. 2007	<i>Received, not inserted</i>
IMPETUS_129	Burkhardt Jürgen	Transpiration behaviour of selected plants, maize and cashew.	Sept. 2002	<i>Received, not inserted</i>

		Benin, Doguè / Ouémé Upper Catchment (HVO).		
IMPETUS_132	Orthmann Bettina	Air temperature, humidity and water pressure deficit of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Sept. 2001 – Dec. 2002	<i>Received, not inserted</i>
IMPETUS_133	Orthmann Bettina	Soil depth of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Sept. – Oct. 2001	<i>Received, not inserted</i>
IMPETUS_135	Orthmann Bettina	Vegetation structure of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Sept. 2001 – Oct. 2002	<i>Received, not inserted</i>
IMPETUS_150	Fink Andreas	Radiation measurements. Benin, Parakou / Cotonou.	June. 2001 – Oct. 2007	<i>Received, not inserted</i>
IMPETUS_224	Burkhardt Jürgen	Turbulence parameters within the atmospheric boundary layer. Benin, Doguè / Ouémé Upper Catchment (HVO).	Aug. – Sept. 2002	<i>Received, not inserted</i>
IMPETUS_246	Giertz Simone	Soil profile description database. Benin, Ouémé Upper Catchment (HVO).	Jan. 1957 – Dec 2002	<i>Received, not inserted</i>
IMPETUS_289	Orthmann Bettina	Radiation and LAI measurements of the tree layer of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	March – Oct. 2002	<i>Received, not inserted</i>
IMPETUS_290	Orthmann Bettina	Date and temperature of fire of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Nov. 2001 – May 2003	<i>Received, not inserted</i>
IMPETUS_291	Orthmann Bettina	Chemical composition of the herb layer of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Nov. 2001	<i>Received, not inserted</i>
IMPETUS_292	Orthmann Bettina	Tree seedling and saplings counts of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	March 2001 – Oct. 2003	<i>Received, not inserted</i>
IMPETUS_294	Kuhn Arnim	Yield of agricultural crops. Benin, communal level.	Jan. 1987 – Dec. 2002	<i>Received, not inserted</i>
IMPETUS_331	Judex Michael	Land cover, land use classification year 2000. Benin, Ouémé Upper Catchment (HVO).	Oct. 2000 – Oct 2001	<i>Received, not inserted</i>
IMPETUS_332	Judex Michael	Land cover, land use classification year 1991. Benin, Ouémé Upper Catchment (HVO).	Dec. 1991	<i>Received, not inserted</i>
IMPETUS_338	Heldmann Moritz	Population projections for scenario development. Benin.	Jan. 2002 – Dec. 2025	<i>Received, not inserted</i>
IMPETUS_427	Orthmann Bettina	Woody biomass of seven dominant vegetation types. Benin, Aguima catchment / Doguè.	Sept. – Nov. 2001	<i>Received, not inserted</i>

IMPETUS_428	Orthmann Bettina	Vegetation composition of herbaceous and tree layer of seven dominating vegetation types. Benin, Aguima catchment / Doguè.	Oct. – Nov. 2002	<i>Received, not inserted</i>
IMPETUS_429	Orthmann Bettina	Vegetation description. Benin, Aguima catchment / Doguè.		<i>Received, not inserted</i>
IMPETUS_435	Orthmann Bettina	Ring-width-index of five west african tree species. Benin, Aguima catchment / Doguè.	Oct. 2002 – Dec. 2003	<i>Received, not inserted</i>
IMPETUS_483	Hiepe Claudia	Erosion measurements and USLE calculation. Benin, Aguima Catchment / Awanla / Doguè / Ouémé Upper Catchment (HVO) / Serou.	Jan. 2001 – Dec 2002	<i>Received, not inserted</i>
IMPETUS_484	Giertz Simone	Electric conductivity and temperature of discharge. Benin, Aguima Catchment / Niaou.	Aug. – Oct. 2002	<i>Received, not inserted</i>
IMPETUS_485	Kocher Antoine	Groundwater level measurements. Benin, Ouémé Upper Catchment (HVO).	May 2004 – Sept. 2005	<i>Received, not inserted</i>
IMPETUS_486	Hiepe Claudia	Soil properties soil profiles. Benin, Ouémé Upper Catchment (HVO) / Térou.	Jan. 2002 – Dec. 2004	<i>Received, not inserted</i>
IMPETUS_488	Giertz Simone	Soil description database. Benin, Aguima catchment.	Sept. 2000 – Dec. 2003	<i>Received, not inserted</i>
IMPETUS_489	Giertz Simone	Interception of different vegetation types. Benin, Aguima catchment.	Aug. – Oct. 2002	<i>Received, not inserted</i>
IMPETUS_490	Giertz Simone	Infiltration measurements. Benin, Aguima catchment.	March 2002 – Sept 2003	<i>Received, not inserted</i>
IMPETUS_491	Giertz Simone	Surface soil moisture. Benin, Aguima catchment.	Feb. 2002 – Nov. 2002	<i>Received, not inserted</i>
IMPETUS_502	Hiepe Claudia	Soil properties soil profiles. Benin.	Jan. 1963 – Dec. 1996	<i>Received, not inserted</i>
IMPETUS_523	Uesbeck Alexandra	Meningitis and cholera cases. Benin, Alibori / Borgou.	Apr. 2004 – Apr. 2005	<i>Received, not inserted</i>
IMPETUS_527	Uesbeck Alexandra	Bacterial contamination of water sources. Benin, Ouémé Upper Catchment (HVO).	March 2003 – Feb. 2006	<i>Received, not inserted</i>
IMPETUS_606	Deng Zhixin	Soil physic characters of 150 samples Benin, Ouémé Upper Catchment (HVO) / Ouémé Catchment.	Apr. 2004 – Dec. 2005	<i>Received, not inserted</i>
IMPETUS_607	Deng Zhixin	Biological parameter of mango trees Benin, N'Dali.		<i>Received, not inserted</i>
IMPETUS_608	Deng Zhixin	Biomass productivity, litter-fall, soil litter measurements. Benin, N'Dali / Ouémé Catchment / Pobé.	Sept. 2003 – Dec. 2005	<i>Received, not inserted</i>

IMPETUS_609	Deng Zhixin	Specific leaf area index of 15 crops. Benin, Bohicon / N'Dali / Ouémé Catchment / Pobé / Savé.	Sept. 2003 – Dec. 2005	<i>Received, not inserted</i>
IMPETUS_611	Deng Zhixin	Forest inventory results. Benin, Ouémé Catchment	Jan. 1992 – Dec. 2004	<i>Received, not inserted</i>
IMPETUS_627	Srivastava Amit Kumar	Biomass and yield of several crops. Benin, Beterou / Doguè / Ouémé Upper Catchment (HVO) / Wéwé.	March 2001 – Dec 2003	<i>Received, not inserted</i>
IMPETUS_632	Röhrig Julia	Trends of vegetation. Benin.	Jan. 1982 - Dec 2003	<i>Received, not inserted</i>
IMPETUS_635	Röhrig Julia	Length of growing period. Benin.	Jan. 1960 – Dec. 2000	<i>Received, not inserted</i>
IMPETUS_636	Srivastava Amit Kumar	Nutrient analyses of plant samples. Benin, Beterou / Doguè / Ouémé Upper Catchment (HVO) / Wéwé.	Sept. 2001 – Dec. 2002	<i>Received, not inserted</i>
IMPETUS_638	Judex Michael	Map of protected forest. Benin.	Jan. 2000	<i>Received, not inserted</i>
IMPETUS_708	Mulindabigwi Valens	Litter and soil dynamics in different ecosystems. Benin, Doguè / Ouémé Upper Catchment (HVO) / Sérrou.	May 2001 – Dec. 2002	<i>Received, not inserted</i>
IMPETUS_709	Mulindabigwi Valens	Estimation of netto primary production and biomass increase in different ecosystems. Benin, Doguè / Ouémé Upper Catchment (HVO) / Sérrou.	May 2001 – Dec. 2002	<i>Received, not inserted</i>

AMMA-SAT database content on April 15th, 2010
 (**new** or **modified** datasets)

Global area

DATASET NAME		SPATIAL RESOLUTION	TEMPORAL RESOLUTION	BEG. DATE	END. DATE
MSG 11 channels brightness temperatures	SEVIRI	0.03°	15 minutes	2004-05-01	2006-11-05
MSG Cloud Mask	SEVIRI	0.03°	15 minutes	2005-05-01	2006-11-05
MSG Cloud Top Temperature and height	SEVIRI	0.03°	15 minutes	2005-05-01	2006-11-05
MSG Cloud type	SEVIRI	0.03°	15 minutes	2005-05-01	2006-11-05
Surface Rainrate	GPCP	1°	1 day	1996-10-01	2009-08-31
	GPCP	2.5°	1 month	1979-01	Present

Atlantic and Africa area

DATASET NAME		SPATIAL RESOLUTION	TEMPORAL RESOLUTION	BEG. DATE	END. DATE
Cloud Liquid Water	SSMI	0.25°	1 day	1987-07-09	Present
	TMI	0.25°	1 day	1997-12-07	Present
Surface Rainrate	SSMI	0.25°	1 day	1987-07-09	Present
	TMI	0.25°	1 day	1997-12-07	Present
Total Column of Water Vapor	SSMI	0.25°	1 day	1987-07-09	Present
	TMI	0.25°	1 day	1997-12-07	Present

Fraction Absorbed Photosynthetically Active Radiation	AVHRR	0.25°	1 month	1981-07	2001-05
	MODIS	0.25°	1 month	2000-02	2006-12
	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
Fraction Covered by Vegetation	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
Leaf Area Index	AVHRR	0.25°	1 month	1981-07	2001-05
	MODIS	0.25°	1 month	2004-01	2006-12
	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
Normalized Difference Vegetation Index	AVHRR	0.25°	1 month	1981-07	2001-05
	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
Near-Infrared Albedo	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
Shortwave Albedo	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
Visible Albedo	POLDER-1	0.1°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.1°	10 days	2003-04-01	2003-10-31
10 m Wind Speed	SSMI	0.25°	1 day	1987-07-09	Present
	TMI	0.25°	1 day	1997-12-07	Present
Sea Surface Temperature	TMI	0.25°	1 day	1997-12-07	Present

West Africa area

DATASET NAME		SPATIAL RESOLUTION	TEMPORAL RESOLUTION	BEG. DATE	END. DATE
AMMA MODIS Survey	MODIS	0.0025°	1 day	2006-01-01	Present
AMMA SEVIRI Survey	SEVIRI	0.03°	15 minutes	2006-01-01	Present
Mesoscale Convective Systems Tracking	METEOSAT-IR	0.05°	15 minutes	1999-06-01	2004-09-30
Surface Rainrate	EPSAT-SG	0.1°	30 minutes	2004-06-01	2006-09-30
Fraction Absorbed Photosynthetically Active Radiation	MODIS	0.01°	1 month	2000-02	2006-12
	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31
Fraction Covered by Vegetation	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31
Leaf Area Index	MODIS	0.01°	1 month	2000-02	2006-12
	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31
Normalized Difference Vegetation Index	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31
	SEVIRI	0.05°	1 day	2005-09-01	Present
Albedo BroadBand Bi-Hemispherical	SEVIRI	0.05°	1 day	2005-09-01	Present
Downwelling Surface Longwave radiation Flux	SEVIRI	0.05°	30 minutes	2005-07-13	Present

Downwelling Surface Shortwave radiation Flux	SEVIRI	0.05°	30 minutes	2005-07-13	Present
Land Surface Temperature	SEVIRI	0.05°	15 minutes	2005-07-13	Present
Near-Infrared Albedo	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31
Shortwave Albedo	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31
Surface Soil Moisture (0-5 cm)	EPSATSG-AMSRE	0.1°	30 minutes	2006-06-01	2006-09-30
Visible Albedo	POLDER-1	0.05°	10 days	1996-11-01	1997-06-30
	POLDER-2	0.05°	10 days	2003-04-01	2003-10-31

AMMA-MOD database content on December 13th, 2009
 (**new** or **modified** datasets)

DATASET NAME	AREA	SPATIAL RESOLUTION	TEMPORAL RESOLUTION	BEG. DATE	END. DATE
ECMWF AMMA Re-Analysis !!! Update: correction of evaporation in May 2006	Atlantic-Africa	0.5°	3 hours	2006-05	2006-09
ECMWF Analysis	Atlantic-Africa	0.5°	6 hours	2005-01	Present
ECMWF Analysis	West Africa	0.25°	6 hours	2006-05	2006-09
ECMWF Analysis	Global	1.125°	6 hours	2002-08	Present
ECMWF Reanalysis ERA40	Global	1.125°	6 hours monthly mean	1967-01	2002-08
NCEP Reanalysis	Global	2.5°	6 hours monthly mean daily mean	1958	Present
Météo-France AROME Forecasts	Benin	0.025°	Surface param.: 1 hour Vertical param.: 3 hours	June 2006	Sept. 2006
Météo-France ALADIN Analysis	West Africa	0.1°	Analysis param.: 12 hours Forecast param.: 6 hours	June 2006	Sept. 2006
Météo-France ARPEGE-Tropiques Analysis	Atlantic Africa	0.5°	6 hours	2005	2007
MERCATOR Ocean Analysis	Atlantic Africa	0.16°	1 day	2004	May 2007
ALMIP simulations 10 surface models	West Africa	0.5°	1 day	2002	2007
REMO RCM scenario simulation	West Africa	0.5°	1 day	1960	2050