

# AMMA database content

2009-12-15



The first table lists **local observation data** 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>	<a href="http://database.amma-international.org/">http://database.amma-international.org/</a> or <a href="http://amma.agrhymet.ne/amma-data/">http://amma.agrhymet.ne/amma-data/</a>
Local observations	<i>Received not inserted</i> <i>Available</i> <i>Original PI's files</i>	From the <a href="#">database user interface homepages</a> , follow the link: <b>Data Catalogue</b> or <a href="#">AMMA Instruments sheets / Metadata page</a>
Satellite products		<a href="http://database.amma-international.org/">http://database.amma-international.org/</a> or <a href="http://amma.agrhymet.ne/amma-data/">http://amma.agrhymet.ne/amma-data/</a>
Model outputs		or <a href="http://bddamma.ipsl.polytechnique.fr/">http://bddamma.ipsl.polytechnique.fr/</a>

## AMMA local observation database content on December 15<sup>th</sup>, 2009

( new or modified datasets )

### LOP Instruments

Instrument sheet code	PIs	Description and measure sites	Period	Way and Status
<span style="background-color: yellow;">AL.Met_Gh</span>	Timouk Franck	Two meteorological stations. Gourma meso-scale site, Agoufou / Bamba. <span style="background-color: yellow;">Bamba 2007 : corrected dataset</span>	March 2005 – Dec. 2007 <span style="background-color: yellow;">2008</span> <span style="background-color: yellow;">2007</span>	<i>Inserted</i> <span style="background-color: yellow;"><i>Received, not inserted</i></span> <span style="background-color: yellow;"><i>Received, not inserted</i></span>
AL.Met_Nc	Descroix Luc	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. 2007	<i>Inserted</i>
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>
<span style="background-color: yellow;">CL.Gwat_N</span>	Cappelaere Bernard	Piezometric monitoring network. Niger meso-site, Kori de Dantiandou.	Jan. 2003 – Nov. 2006 <span style="background-color: yellow;">2007 – 2009</span>	<i>Inserted</i> <span style="background-color: yellow;"><i>Received, not inserted</i></span>
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	Cappelaere Bernard	Pond level gauge network. Niger meso-site	Jan. 2003 – Nov. 2006	<i>Inserted</i>
<span style="background-color: yellow;">CL.Rain_G</span>	Arjounin Marc	Rainfall gauges network. Gourma meso-scale site, Zakret / Tin Tadeini / Kobou / Nessouma / Kinia / Hekya / Ebang Imalan / Binantao	April 2005 – Nov. 2007 <span style="background-color: yellow;">2008</span>	V2 (05/2008) <i>Inserted</i> <span style="background-color: yellow;"><i>Inserted</i></span>
CL.Rain_N	Descroix Luc / Lebel Thierry	Rainfall gauges network. Niger meso-site	March 2005 – Nov. 2007 2008	V2 (05/2008) <i>Inserted</i> <i>Inserted</i>
CL_Rain_Nc	Descroix Luc	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. GTS data. Gulf of Guinea.	Jan. 2006 – Aug. 2008 Sept. 2008 – March 2009	<i>Inserted</i> <i>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>

## 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	<i>V2 (05/2008) 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	<i>Inserted</i> <i>V2 (06/2007) 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)</i> <i>Received, not inserted</i>
AE.H2OFlux_Ncw	Cappelaere Bernard	Two flux stations.	Jan. 2005 – Dec. 2006	<i>Inserted</i>

		Niger meso-site, Wankama catchment. Wankama_WKSH2, year 2005 corrected (11/2008)		
AE.H2OFlux_Odc	Lloyd Colin / Galle Sylvie	Flux station. Ouémé meso-scale site, Béléfougou	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>
<b>AE.MuLID_ST</b>	Cairo Francesco	Elastic backscattering Lidar. Banizoumbou, Niger / Cinzana, Mali / M'Bour, Senegal	Jan. – Aug. 2006	<b>V2 (04/2009) Inserted</b>
AE.NOx_G	Serça Dominique	Soil NO and CO2 flux measurements. Gourma meso-scale site, Agoufou.	June 04 – July 06	<i>Received, not inserted</i>
AE_OSP_Od	Barthès Laurent	Disdrometers. Ouémé meso-scale sites, Nangatchori, / Kopargo.	June – Sep. 2006	<i>Inserted</i>
<b>AE.RadX_Od</b>	Gosset Marielle	X-port radar. Benin, Djougou Met. Station / Cotonou.	June – Sep. 2006 <b>May – Oct. 2007</b>	<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	<b>V2 (11/2007)</b> <i>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>
<b>AE_VAN_Od</b>	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>
<b>AE.VHF_O</b>	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 Bernard Cappelaere	Water level monitoring, different sites. Niger meso-site, Wankama catchment / Kafina / Maourey Kouara Zeno / Banizoumbou.	Jan. 2003 – Déc 2006	<i>Inserted</i>
<b>CE.Gwat_Odc</b>	Séguis Luc	Ground water, catena. Ouémé meso-scale site, Nalohou	Apr. 2004 – Sept 2008	<i>Received not inserted</i>
<b>CE.PAR_Ga</b>	Demarez Valérie	Vegetation parameters. Gourma meso-scale site, Agoufou / Hombori.	June 2006 – Jan. 2008	<i>Inserted</i>
CE.Rain_Nc	Descroix Luc	Rainfall gauges network. Niger meso-site, Kori de Dantiandou.	March 2005 – Oct. 2007 Apr. – Nov. 2008	<i>V2 (06/2008) Inserted Inserted</i>
CE.Run_Nc	Descroix Luc	Stream gauges network. Niger meso-site, Wankama catchment / Tondi Kiboro.	June 2004 – Oct. 2008	<i>Inserted</i>
<b>CE.Sap_Ga</b>	Le Dantec Valérie	Tree water take-up estimations. Gourma meso-scale site, Agoufou	Apr. 2006 – Nov. 2008	<i>Received not inserted</i>
CE.SWc_Nc	Cappelaere Bernard Laurent Jean-Paul	Soil moisture monitoring. Niger meso-site, Wankama catchment / Tondi Kiboro. Wankama_WKSH2, year 2005 corrected (11/2008)	Jan. 2005 – Dec. 2006	<i>Inserted</i>
<b>CE.SW_G</b>	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	Descroix Luc	Soil moisture measurements. Niger meso-site, Wankama catchment / Tondi Kiboro / Sofia Bangou pond.	Feb. 2004 – Oct. 2008	<i>Inserted</i>
<b>CE.Veget_Ncw</b>	Boulain Nicolas Cappelaere Bernard	Vegetation parameters. Niger meso-site, Wankama catchment.	June 2005 – Oct. 2006	<i>Received, not 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>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. Ouémé meso-scale site, Nangatchori.	Jan. 2006 – Jan 2007 (+ one week, July 2006)	<i>Available (NetCDF 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>Received, not inserted</i> <i>Received, not inserted</i> <i>Received, not 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. Bontioli (near Dano), Burkina Faso.	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>
<b>AS.Lightning_Od</b>	Höller Hartmut	LINET Lightning detection network. Benin, Djougou / Natitingou / Kerau / Bembereke / Parakou / Bassila	July – Nov. 2006	<b><i>Inserted</i></b>
AS.MicroDirac	Robinson Andrew	Chemistry balloons. Niger meso-site, Niamey.	July – Aug. 2006	<i>Partly received, not inserted</i>
AS.MITRadC-N	Williams Earle	C-band Doppler weather radar. Niger meso-site, Niamey.	June 2006 – Sept. 2007	<i>Available (SIGMet + NetCDF format)</i>
AS.NPOL_Dk	Kucera Paul	Dual polarized S-band radar. Senegal, 40 km SE of Dakar.	Aug. – Sept. 2006	<i>Available (uf format).</i>
<b>AS.POLIS_Ncb</b>	Wiegner Matthias	Aerosol Depolarization and Raman Lidar. Niger meso-site, Banizoumbou	Jan. – Feb. 2006	<b><i>Inserted</i></b>
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.	2006	

		High resolution profiles. Abuja / Cotonou / Niamey / Parakou / Tamale.		<i>HR Inserted</i> + GTS <i>Inserted</i>
AS.RS_2	Parker Doug	Radiosondes - SOP Northern Quadrilateral. High resolution profiles. Agadez / Niamey / Ouagadougou / Parakou / Tombouctou.	2006	<i>HR Inserted</i> + GTS <i>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> + GTS <i>Inserted</i>
AS.Rs_D	Kalthoff Norbert	Radiosondes. High resolution profiles. Burkina Faso, Dano.	May– Aug. 2006	<i>HR Inserted</i> + GTS <i>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. Dano, Burkina Faso.	June – Aug. 2006	<i>Inserted</i>
AS.SODAR_N	Parker Doug / Kalthoff Norbert	Four acoustic sodars. Niger meso-site.	June – Aug. 2006	<i>Available (NetCDF format)</i>
AS.TRESS_Tam	Flamant Cyrille Cuesta Juan	Remote sensing platform, clouds, aerosols properties. Tamanrasset, Algeria.	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. Dano, Burkina Faso.	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.	June – July 2006 May 2007	<i>Inserted</i>

		Tropical Atlantic Ocean.		
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

Type of data	Description	Period	Status
<b>ACAR</b>	US aircraft reports	04/11/1999 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>AIREP</b>	Manual aircraft reports	03/11/1999 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>AMDAR</b>	Automatic aircraft reports	03/11/1999 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>BATHY</b>	Sea surface and soundings observations	01/01/1997 – 18/03/2009 19/03/2009 – 01/08/2009	<i>Inserted</i>
<b>BUOY</b>	Marine buoy observations	16/01/2006 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>EUROPROFIL</b>	Wind and temperature profiles from ground instruments	01/01/2005 – 08/08/2009	<i>Stored, not inserted</i>
<b>PILOT</b>	Upper wind from fixed land stations	03/11/1999 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>SHIP</b>	Synoptic observations from marine stations	01/01/1996 – 31/12/2008 01/01/2009 – 08/08/2009	<i>Inserted</i>
<b>SYNOP</b>	Synoptic observations from fixed land stations	01/01/2005 – 31/12/2008 01/01/2009 – 08/08/2009	<i>Inserted</i>
<b>TEMP</b>	Radio soundings from fixed land stations	01/01/1996 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>TEMPDROP</b>	Dropsondes / dropwindsondes	06/08/1996 – 31/08/2008	<i>Inserted</i>
TEMPMOBIL	Radio soundings from mobile land stations	12/05/2006 – 05/07/2006 1998	<i>Inserted</i>

<b>TEMPSHIP</b>	Radio soundings from marine stations	01/01/1996 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>TESAC</b>	Sub-surface profiling floats	01/01/2002 – 31/03/2009 01/04/2009 – 08/08/2009	<i>Inserted</i>
<b>TRACKOB</b>	Sea-surface observations	10/07/1995 – 26/03/2009	<i>Inserted</i>

### Historical data

<b>Instrument sheet code</b>	<b>PIs</b>	<b>Description and measure sites</b>	<b>Period</b>	<b>Status</b>
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. Kanka, Labé, Siguiri	01/01/1951 – 31/10/2006	<i>Received, not 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

<b>Instrument sheet code</b>	<b>PIs</b>	<b>Description and measure sites</b>	<b>Period</b>	<b>Status</b>
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>

**AMMA-SAT database content on December 13<sup>th</sup>, 2009**  
 ( **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	2006-08-20
	TMI	0.25°	1 day	1997-12-07	2006-09-15
Surface Rainrate	SSMI	0.25°	1 day	1987-07-09	2006-08-20
	TMI	0.25°	1 day	1997-12-07	2006-09-15
Total Column of Water Vapor	SSMI	0.25°	1 day	1987-07-09	2006-08-20
	TMI	0.25°	1 day	1997-12-07	2006-09-15

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	2006-08-20
	TMI	0.25°	1 day	1997-12-07	2006-09-15
Sea Surface Temperature	TMI	0.25°	1 day	1997-12-07	2006-09-15

**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 13<sup>th</sup>, 2009**  
 ( **new** or **modified** datasets )

DATASET NAME	AREA	SPATIAL RESOLUTION	TEMPORAL RESOLUTION	BEG. DATE	END. DATE
ECMWF AMMA Re-Analysis	Atlantic-Africa	0.5°	3 hours	2006-05	2006-09
<b>ECMWF Analysis</b>	Atlantic-Africa	0.5°	6 hours	2005-01	<b>Present</b>
ECMWF Analysis	West Africa	0.25°	6 hours	2006-05	2006-09
<b>ECMWF Analysis</b>	Global	1.125°	6 hours	2002-08	<b>Present</b>
ECMWF Reanalysis ERA40	Global	1.125°	6 hours monthly mean	1967-01	2002-08
<b>NCEP Reanalysis</b>	Global	2.5°	6 hours monthly mean daily mean	1958	<b>Present</b>
AROME Forecasts	Benin	0.025°	Surface param.: 1 hour Vertical param.: 3 hours	June 2006	Sept. 2006
ALADIN Analysis	West Africa	0.1°	Analysis param.: 12 hours Forecast param.: 6 hours	June 2006	Sept. 2006
ARPEGE-Tropiques Analysis	Atlantic Africa	0.5°	6 hours	2005	2007
MERCATOR Ocean Analysis	Atlantic Africa	0.16°	1 day	2004	May 2007