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# Report Central Africa

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# 1. Status of access to products and training

Country	Type of station	Institution	Status	Comments
Democratic Republic of the Congo	Update AMESD	Regie des Voies Fluviales RVF	out of service	antenna is down
	New MESA	Institut Superieur des Techniques Appliquees (ISTA)	service	
	Update AMESD	CICOS	out of service	UPS is down
	Update PUMA	METTELSAT	service	
Cameroon	Update PUMA	Direction de la Meteorologie Nationale	service	
	New MESA	Universite de Yaounde I	service	
	Update AMESD	Institut de Recherches Geologiques et Minieres (IRGM)	service	PC2 is not working
Central African Republic	New MESA	UniversitÃ© de Bangui	service	
	Update PUMA	Direction de la Meteorologie Nationale a Bangui (DMN)	service	
	Update AMESD	GIE-SCEVN Base de KOLONGO	out of service	antenna and UPS are down

# 1. Status of access to products and training (suite)

Country	Type of station	Institution	Status	Comment
Congo Brazzaville	New MESA	Universite Marien Ngouabi(ENSP)	service	
	Update PUMA	DIRECTION DE LA METEOROLOGIE	out of service	EKU key is not working
	Update AMESD	Service Commun d'entretien des Voies Navigables (SCEVN)	out of service	UPS and ECU key are down
Equatorial Guinea	New MESA	Universite de Guinee Equatorial	service	
	Update AMESD	Direccion y Madio Ambiente, B. Norte	out service	
	Update PUMA	ASECNA	service	
Gabon	New MESA	Universite Omar Bongo	service	
	Update PUMA	Direction de la Meteorologie National	Out of service	
	Update AMESD	Direction de la Meteorologie Nationale	service	
Chad	New MESA	Universite de N'Djamena	service	
	Update AMESD	Commission du Bassin du Lac Tchad (CBLT)	service	

## new needs and requirements

- RAIDEG must also follow the state of the stations because we have several stations that are out of service.
- The MESA project ended and the equipment that broke down during the mesa project has not been replaced (UPS, the eku key etc. ..).

## Status of data and products utilization

the NMHSs provides hydromet information derived from Weather and seasonal Forecasts, short-term Agromet forecast (10 days) for different sectors . Forecasting of lowest water level for navigation on Oubangui river.

- The current data requirements for the services delivery is:
  - ✓ ECMWF high-resolution model for short-range forecasting
  - ✓ UKMET high-resolution model for short-range forecasting
  - ✓ Sentinel 1 for surface water
  - ✓ Sentinel 2/3, SPOT-vegetation, Fluorescence for vegetation state
  - ✓ Fog and haze
  - ✓ Sea Surface height
  - ✓ Sea surface winds
  - ✓ Significant wave height
  - ✓ ET and water balance
  - ✓ Saral for water level

For research Central Africa needs level 1 and level 2 data for the stations installed in universities

## Training

- activities organized in the inter-sessional period
  - 50 Experts Themes of national services and universities were trained on the applications of MESA stations at regional and continental level;
  - + 21 national service system administrators and universities were trained on MESA station system administration at the regional and continental level;
  - + 30 Thematic Experts from National Meteorological Services were trained on PUMA 2015 station applications at the regional and continental level;
  - +15 system administrators from the National Meteorological Services were trained on the PUMA 2015 station system administration at the regional and continental level.

## Training(suite)

- identified new requirements,
  - ✓ Increase the number of participants from Central Africa to trainings because the number of data receiving stations in the countries to increase and these structures need training (universities, etc ...)
- recommendations for new training modules
  - ✓ Training on the interpretation of seasonal forecasts
  - ✓ Training on the use and interpretation of ECMWF and UKMET products
  - ✓ Predictability and ensemble forecast systems
  - ✓ Training on the Marine Weather Forecast

**MERCI!**  
**OBRIGADO!!**  
**THANK YOU!!!**