

# ISWI Data Subcommittee Updates

## February 14, 2019

- Accessing data from African GPS stations –  
Christine Amory-Mazaudier
- International Heliophysics Data Environment  
Alliance (IHDEA) – Shing Fung
- Funding issue for retired committee  
members-Christian Monstein



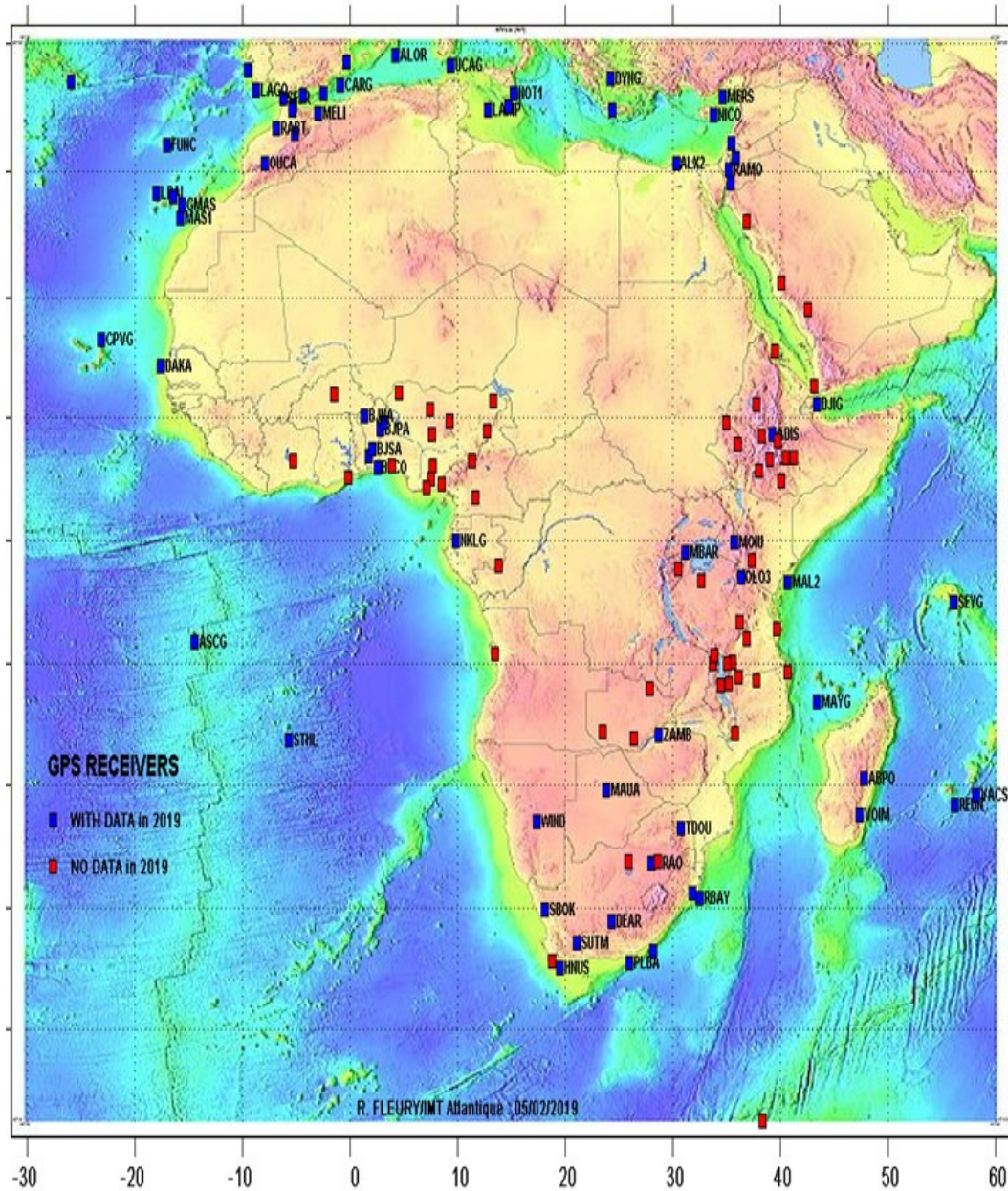
# GPS in AFRICA

February 14, 2019 - ISWI meeting

Christine Amory-Mazaudier and Rolland Fleury

[Christine.amory@lpp.polytechnique.fr](mailto:Christine.amory@lpp.polytechnique.fr), [rolland.fleury@telecom-bretagne.eu](mailto:rolland.fleury@telecom-bretagne.eu)





Observation free on the web:  
 almost all the stations still active in 2019 are operated by outside countries !!



Free on the web

## NASA / UNAVCO

**Network:** NASA Global GPS Network (GGN) supports 12 African stations

Currently inactive stations:  
YKRO - CGGN

Active stations:  
RABT (Morocco) - STHL (St. Helene) - SUTH (AFS) - HARC (AFS) - ZAMB (Zambia) - MBAR (Uganda) - MOIU (Kenya) - ABPO (Madagascar) - VACS (Mauritius) - SEY1 (Seychelles)

## Free on the web

- France / IGN: CPVG (Cape Verde) - NKLG (Gabon) - DJIG (Djibouti) –
- France / xxx: ALX2 (Egypt)
- ESA: MAL2 (Kenya), ASCG (Ascension)
- Germany: BKG: ASIS (Ethiopia), GFZ: WIND (Namibia) - VOIM (Madagascar)
- NOAA / NGS: 6 Benin resorts including BJCO
- SOUTH AFRICA: TRIGNET network
- JPL in USA: SHTL
- Directorate of Geographical and Cartographic DAKR (Senegal)
- Spanish enclaves in Morocco: CEU1 - MELI
- Morocco: OUCA
- Spain, the numerous resorts in the Canary Islands

Free on the Web

## BENIN

- 7 stations : BJKA – BJNA – BJNI – BJPA – BJSA – BJAB – BJCO
- All data (2010-now) on <ftp.ngs.noaa.gov>



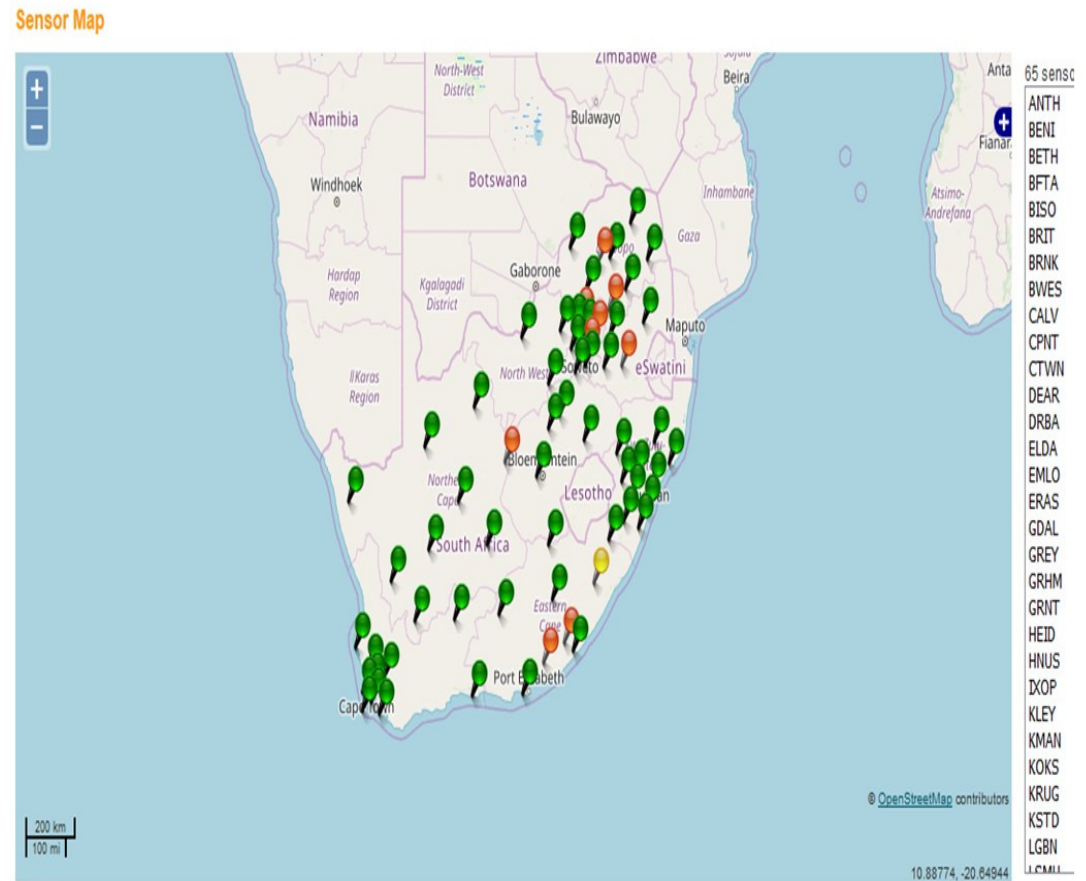
# SOUTH-AFRICA : Trignet Network

<http://www.trignet.co.za>

67 separate stations with a maximum of 300 km  
All measurements (2000-2019) are accessible on their  
website

ftp: //  
ftp.trignet.co.za/RefData

Free on the Web



# MOROCCO (1/2)

9 stations managed by the Moroccan National Meteorology  
Main use: tropospheric contribution. We are still waiting for the public release of the measures that had to be done, except that they never specified the year !!!!

Station code	Latitude	Longitude	Height
AGAD	30.3266707	-9.3978024	129.05729
BEME	32.3666507	-6.3971701	527.70564
CASA	33.3684031	-7.5797333	268.42766
DAKH	23.7038164	-15.9296633	49.80969
FES1	33.9301155	-4.9734749	629.03641
OUAR	30.9283310	-6.9128590	1200.27219
OUJD	34.7893947	-1.9378347	519.81105
SALE	34.0454987	-6.7585294	126.92897
TANG	35.7258905	-5.9126580	79.39468



ERROR: stackunderflow  
OFFENDING COMMAND: ~  
STACK: