



SHORT REPORT ON NATIONAL OBSERVING NETWORKS :***BURUNDI***

By
NTAHONDI Alexandre,
Meteorologist,
Technician of Maintenance
and Manager of studio met
INSTITUT GEOGRAPHIQUE DU
BURUNDI (IGEBU).
DEPARTMENT OF HYDROMETEOROLOGY
alexoziel@yahoo.fr



Presentation plan

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INTRODUCTION



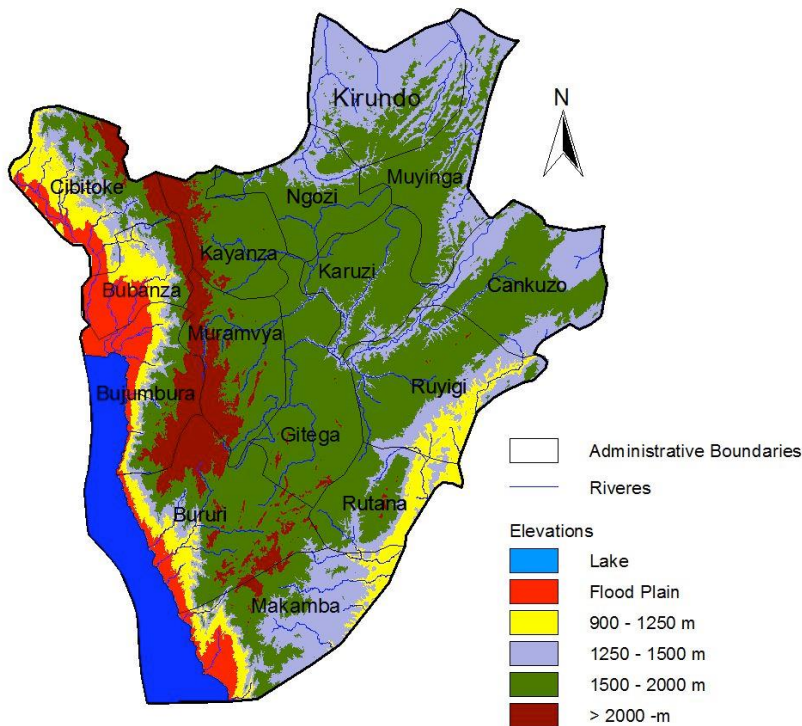
Location of Burundi in Africa

Burundi is a small landlocked country located south of the equator between 2.3° - 4.5° of latitude and 29° - 31° of longitude .

It is bordered by Tanzania to the East and South, Rwanda to the North and Democratic Republic of Congo to the West.



TOPOGRAPHIC MAP of BURUNDI



- A narrow belt of Low lands Plains in the W
- Steep slope terrains
- A range of High Ground Mountains (CONGO-NILE Crest > 2000m)
- A relatively vast region Central Plateau
- Depressions in the Eastern and Northern parts

LOCATION OF BURUNDI



[Burundi](#) occupies an area equal to 27,830 square kilometers in size, of which 25,650 square kilometers is land. The country has 974 kilometers of land border: 233 kilometers of which is shared with the Democratic Republic of the Congo, 290 kilometers with [Rwanda](#) and 451 kilometers with [Tanzania](#). As a landlocked country, Burundi possesses no coastline

. It straddles the crest of the [Congo-Nile Divide](#) which separates the basins of the [Congo](#) and [Nile](#) rivers. The farthest headwaters of the Nile, the [Ruvyironza River](#), has its source in Burundi.

The lowest point in the country is at [Lake Tanganyika](#), at 772 meters (2,533 ft), with the highest point being on [Mount Heha](#), at 2,684 meters (8,806 ft).

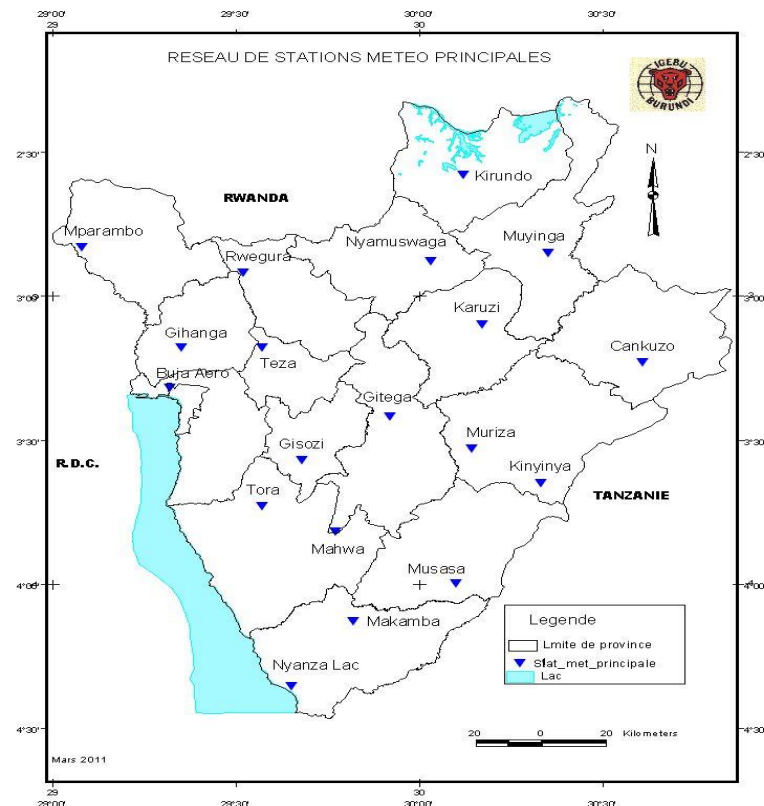
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National Network for meteorological Observations



Network

- ✓ 2 Synoptic stations 24h/24h(Bujumbura and Muyinga)
- ✓ 19 main climatological stations
- ✓ 125 rainfall sites
- ✓ 10 automatic weather stations (AWS)
- ✓ A good number of rainfall sites operated by PROSANUT; a project of the Ministry of Environment, Agriculture and Livestock(35)





Main Activities of Meteorological and hydrological Services in Burundi

- ☐ Collect weather/climate and hydrological data from meteorological and hydrological station network on daily basis
 - ✓ Rainfall
 - ✓ temperature,
 - ✓ Wind
 - ✓ evaporation
 - ✓ Cloud Cover
 - ✓ river/lake water levels etc
- ☐ SAEASONAL RAINFALL FCST
- ☐ DATA BANK
- ☐ WEATHER/CLIMATE FORECASTING



GAPS

- ✓ Inadequate number of Human resources in meteorological and hydrological services
- ✓ Inadequate observational monitoring equipment;
- ✓ Lack of upper-air observational network
- ✓ Inadequate telecommunication networks and systems for data exchange;



GAPS cont'd.

- ✓ inadequate data processing and forecasting systems;
- ✓ inadequate information dissemination facilities;
- ✓ Migration from Traditional Alphanumeric Codes (TAC) to Table Driven Code Forms (TDCF)
- ✓ Low capacity in human resources for data management

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THANK YOU!!!!

Good mornig everyone, first I apologize for the English I want to say is poor. I say this because I am strong in French but poor in English. Now I think you will understand what I mean on my short presentation.

Thank you for your attention