



Highlights:

- For dekad1_July_2018; there was no rain recorded at all representative stations
- Satellite derived soil moisture index **keeps on showing dry soil for the whole country**
- The weather conditions during dekad2_July_2018 will give little rains over the north-west and dry weather conditions elsewhere within the country

I. Introduction

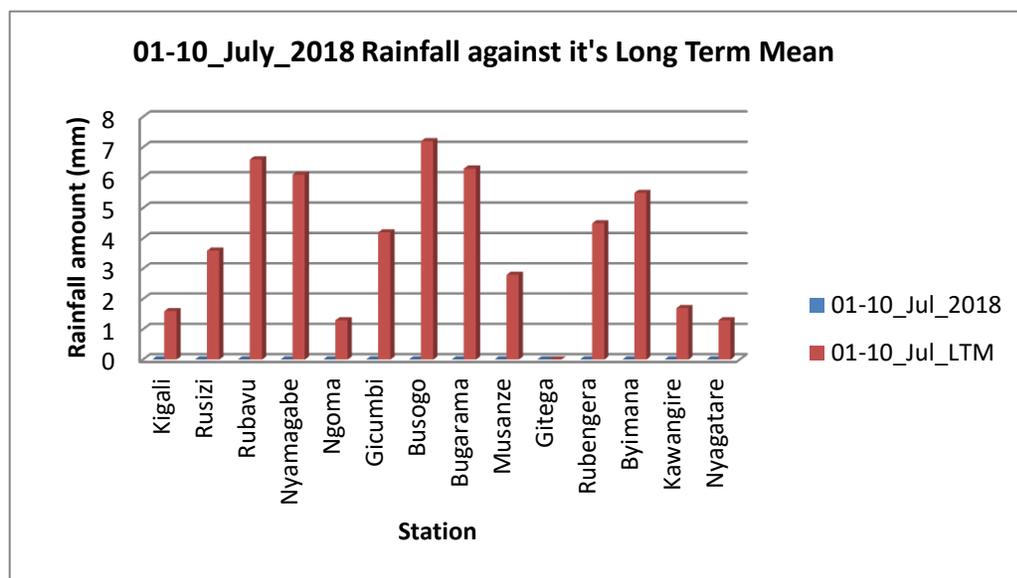
For dekad1_July_2018; there was no rain recorded (NT) at all representative stations

a) The table and histogram below indicates the rainfall recorded during dekad1_July_2018:

Cumulative rainfall (in mm) recorded at different stations

Station	01-10_Jul_2018	01-10_Jul_LTM
Kigali	NT	1.6
Rusizi (Kamembe)	NT	3.6
Rubavu (Gisenyi)	NT	6.6
Nyamagabe (Gikongoro)	NT	6.1
Ngoma (Kibungo)	NT	1.3
Gicumbi (Byumba)	NT	4.2
Busogo	NT	7.2
Bugarama	NT	6.3
Musanze (Ruhengeri)	NT	2.8
Gitega	NT	0.0
Rubengera	NT	4.5
Byimana	NT	5.5
Kawangire	NT	1.7
Nyagatare	NT	1.3

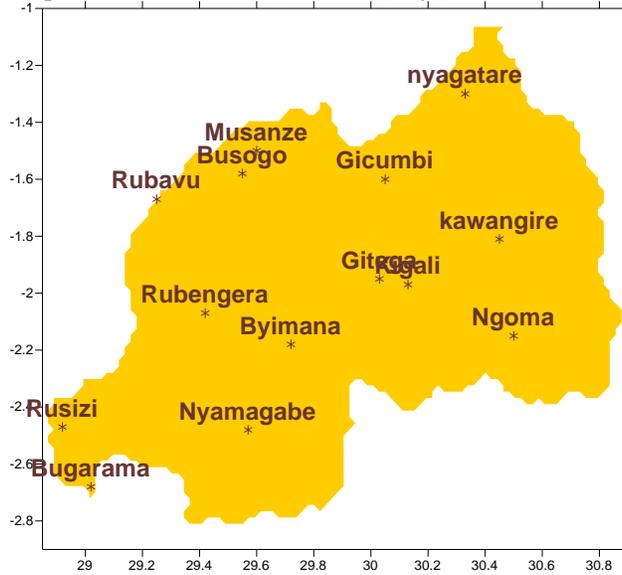
Table 1



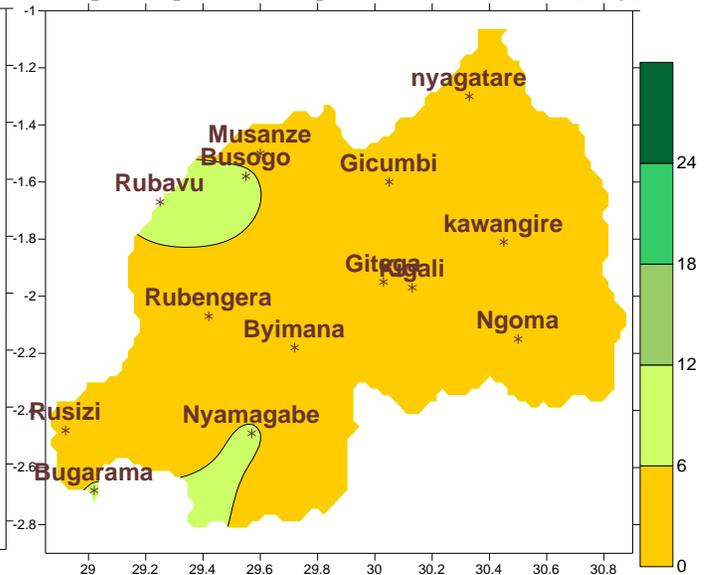
Plot 1

- b) **Rainfall analysis:** The maps “**Map 1 and 2**” below show the cumulative rainfall recorded during dekad1_July_2018 and the cumulative rainfall for the same period. The maps “**map 3 and 4**” show the cumulative rainfall recorded during deka3_Jun_2018 and the cumulative rainfall for the same period.

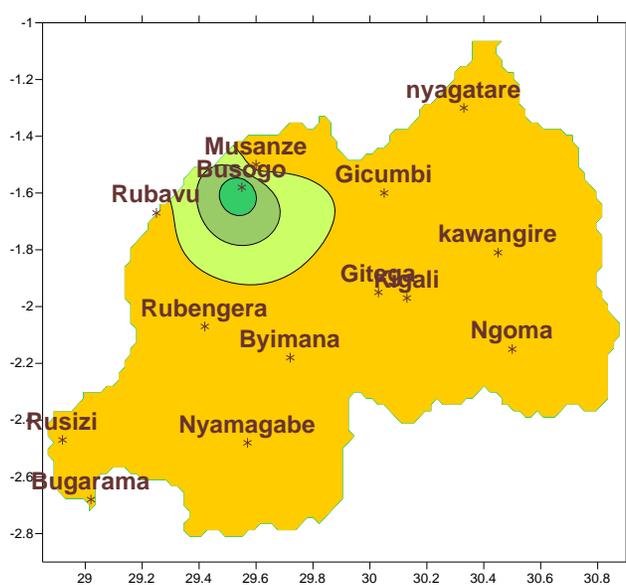
Map1: Total Rainfall (mm): dekad1_July_2018



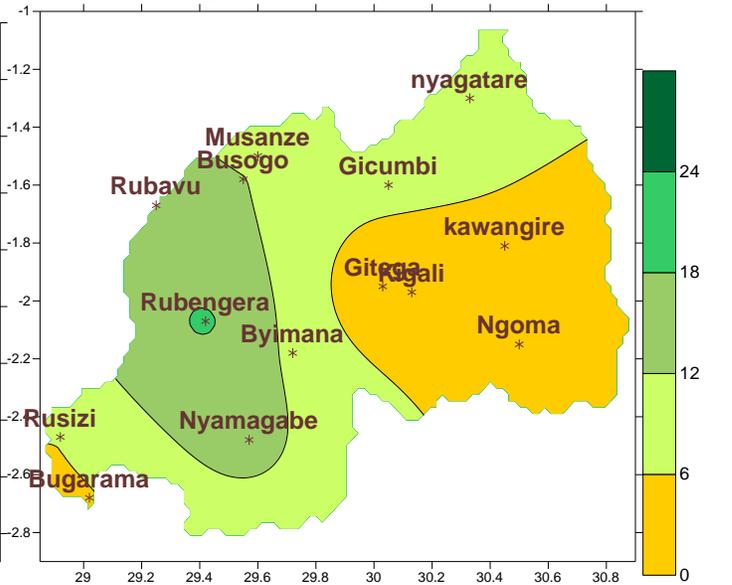
Map2: Long Term Average Rainfall (mm): dekad1_July_LTM



Map3: Total Rainfall (mm): dekad3_Jun_2018



Map4: Long Term Average Rainfall (mm): dekad3_Jun_LTM

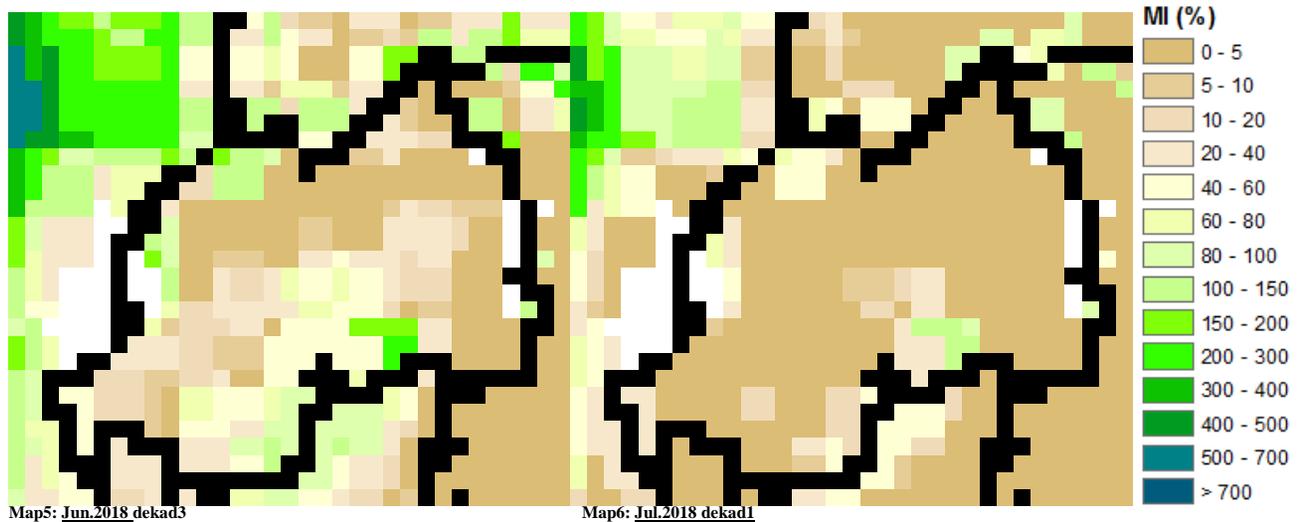


II. Detailed observed rainfall during the dekad1_July_2018

For dekad1_July_2018; there was no rain recorded, which is a different pattern since for the LTM we observe that we usually receive little rains at all representative stations (see **Map1&2** and **Table1**) while for dekad3_Jun_2018 was everywhere in the below normal range but had little rains over the north-west (see **Map3&4**)

III. Agricultural impact.

a) Satellite images: SoilMoisture Index (MI)

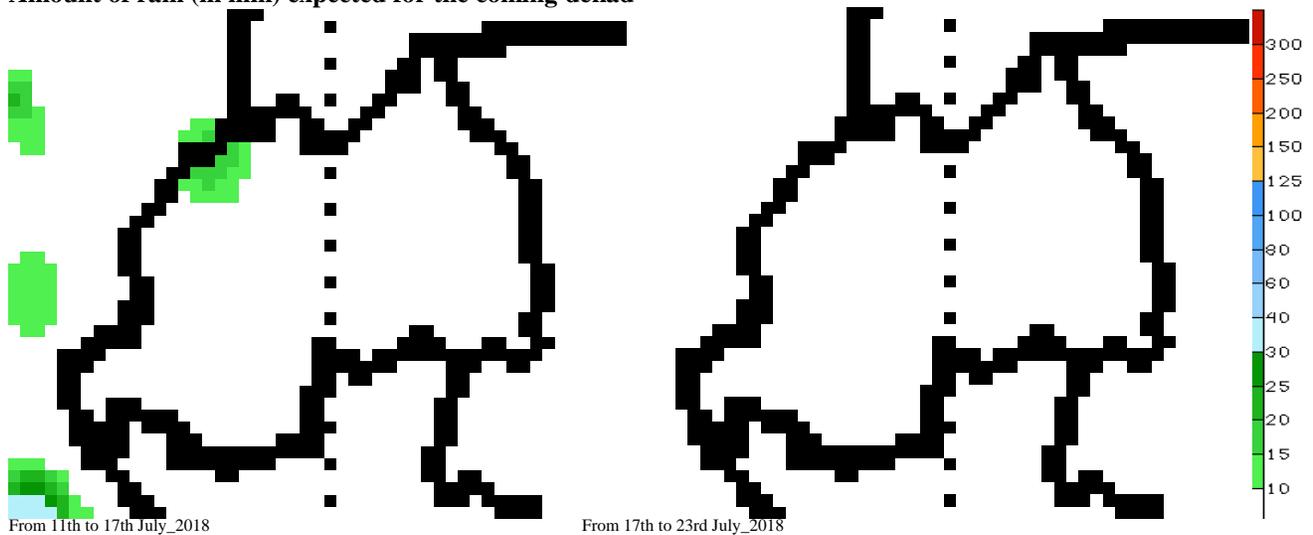


During dekad3_June_2018 to end of dekad1_July_2018 the satellite derived moisture index was reduced as a result of high evapotranspiration on the vegetation cover and no rain for wetting the soil (see **Map5&6**)

b) Rainfall forecast for dekad2_July_2018

We expect dry weather conditions except the north-west which is expected to receive below 15mm of rainfall in the first days of this dekad

Amount of rain (in mm) expected for the coming dekad



N.B: This forecast should be used in conjunction with the daily (24-hour), Three (3), Five (5) and Seven (7) days forecasts issued by the Rwanda Meteorology Agency (Meteo Rwanda)