



Highlights:

- **The weather pattern** for the dekad2_July_2018 was completely dry at all representative stations
- **Satellite derived soil moisture index keeps on showing** low values because the dry weather conditions we're having all over the country
- The weather conditions during dekad3_July_2018 are expected to **be dry** in the first days of the dekad and **wet** towards the end of it and the first days of August

I. Introduction

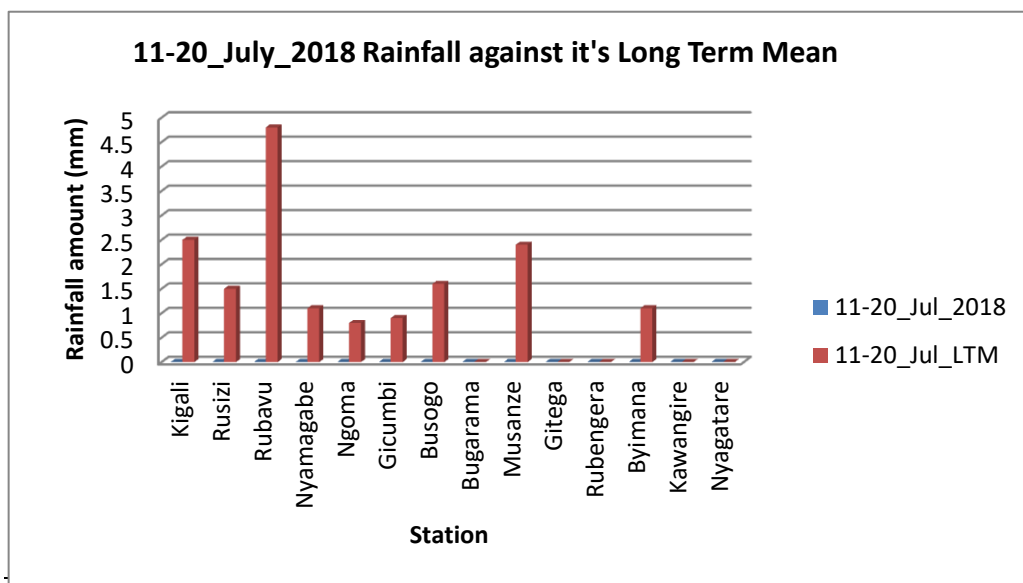
The rainfall pattern for dekad2-July_2018 was completely dry at all representative stations

a) The table and histogram below indicates the rainfall recorded during dekad2_July_2018:

Cumulative rainfall (in mm) recorded at different stations

Station	11-20_Jul_2018	11-20_Jul_LTM
Kigali	NT	2.5
Rusizi (Kamembe)	NT	1.5
Rubavu (Gisenyi)	NT	4.8
Nyamagabe (Gikongoro)	NT	1.1
Ngoma (Kibungo)	NT	0.8
Gicumbi (Byumba)	NT	0.9
Busogo	NT	1.6
Bugarama	NT	0.0
Musanze (Ruhengeri)	NT	2.4
Gitega	NT	0.0
Rubengera	NT	0.0
Byimana	NT	1.1
Kawangire	NT	0.0
Nyagatare	NT	0.0

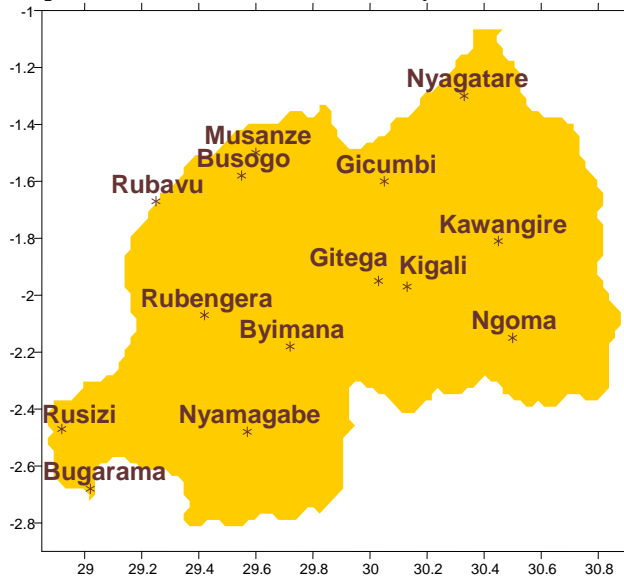
Table1



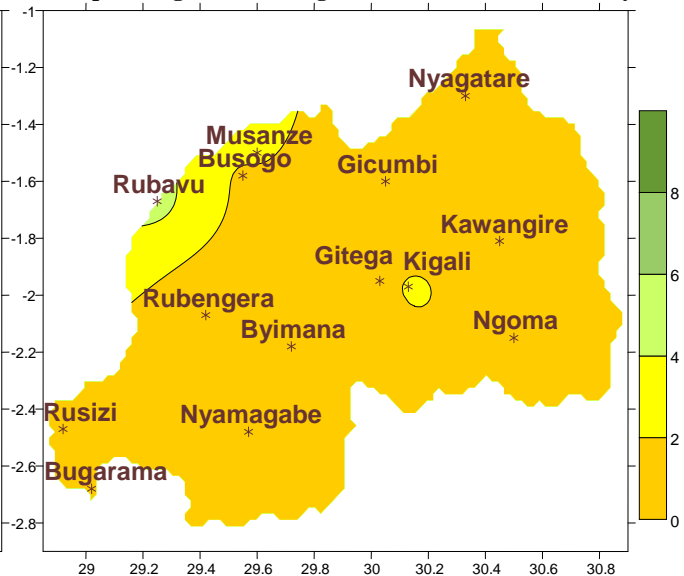
Plot1

b) **Rainfall analysis:**The maps“**Map 1 and 2**” below show the cumulative rainfall recorded during dekad2_July_2018 and the cumulative rainfall for the same period
 The maps “**map 3 and 4**”show the cumulative rainfall recorded during dekad1_Jul_2018 and the cumulative rainfall for the same period

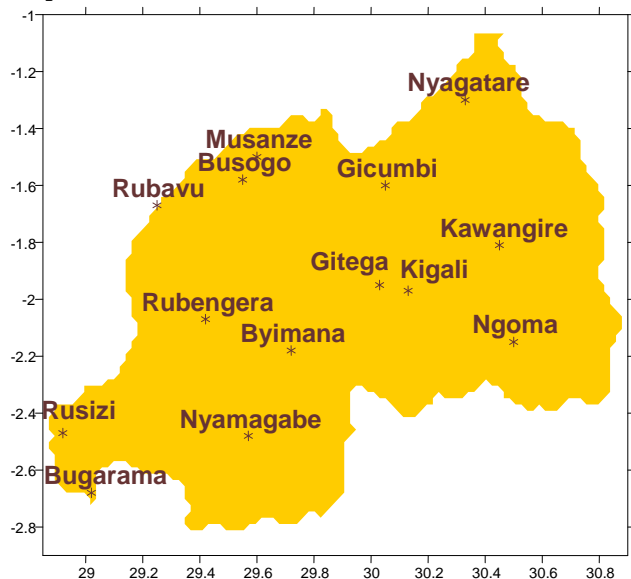
Map1: Total Rainfall (mm): dekad2_July_2018



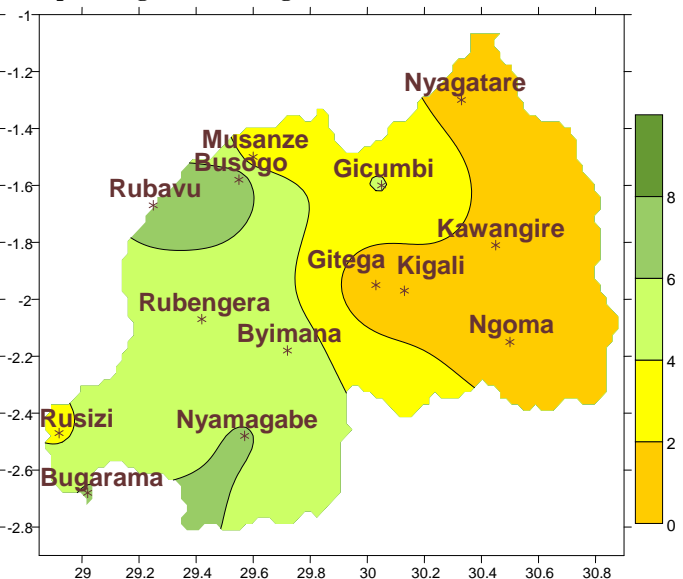
Map2: Long Term Average Rainfall (mm): dekad2_July_LTM



Map3: Total Rainfall (mm): dekad1_Jul_2018



Map4: Long Term Average Rainfall (mm): dekad1_Jul_LTM



II. Detailed observed rainfall during the dekad2_July_2018

The records during dekad2_July_2018 was completely dry at all representative stations (see **Map1&2**and **Table1**) same thing for what happened during the dekad1_Jul_2018 (see **Map3&4**)

III. Agricultural impact

a) Satellite images: SoilMoisture Index (MI)

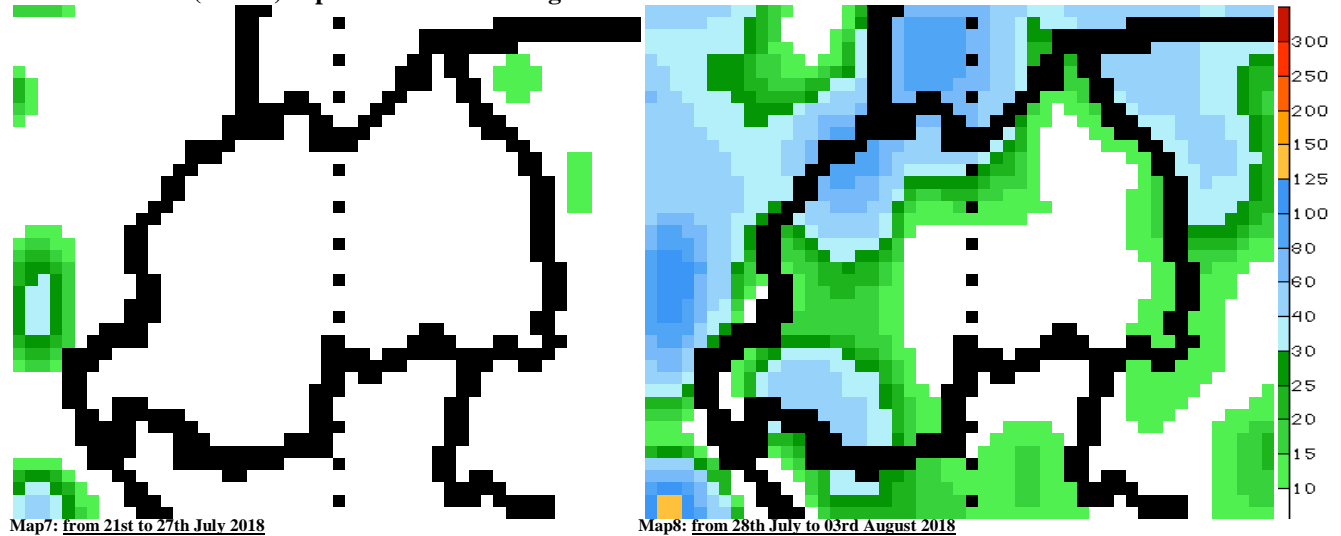


During dekad1_Jul_2018 and dekad2_July_2018 the satellite derived moisture index was reduced at some point and maintained dry elsewhere; as a result of the dry weather conditions we're experiencing (seeMap5&6)

b) Rainfall forecast for dekad3_July_2018

We expect dry weather conditions within the first days and towards the end; there are signal of having cumulative rainfall that is above 10mm everywhere in the country getting higher values over the west

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)