



SEASONAL FORECAST FOR MARCH TO MAY (MAM) 2020, N°54

March to May (MAM) constitutes an important rainfall season over the equatorial sector of the Greater Horn of Africa (GHA) region as well as over Rwanda. The National consensus climate outlook for the March to May 2020 season indicates increased chance for above normal rainfall country wide.

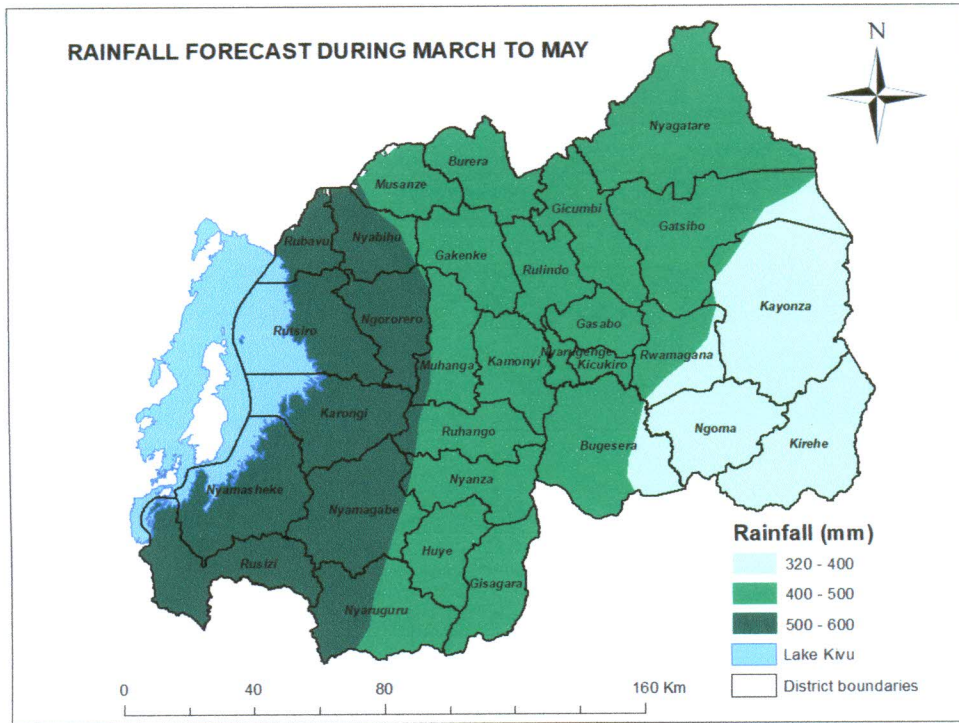
The Key factors expected to influence the regional climate during the MAM 2020 season include positive Sea Surface Temperature (SST) anomalies currently present in the tropical Pacific Ocean that are expected to remain positive but weaken slightly through the forecast period. The Indian Ocean Dipole index is expected to remain neutral through March to May (MAM 2020) period. The influence of the ocean processes will be modulated by regional circulation systems, topography and large inland water bodies.

From the Statistical and Dynamical analysis done for each zone, the seasonal forecast is as follows:

- ❖ **Rainfall ranging between 320 and 400 millimeters** is expected over Ngoma, Kayonza, Kirehe ; the small part of Rwamagana District bordering Ngoma District and the part of Bugesera District near Ngoma District in Eastern Province.
- ❖ **Rainfall ranging between 400 and 500 millimeters** is expected over Northern Province, Kigali City, Southern Province except Nyamagabe District and part of Nyaruguru District bordering Huye and Gisagara Districts, Nyagatare District, Gatsibo District and the remaining part of Rwamagana and Bugesera Districts in Eastern Province.
- ❖ **Rainfall ranging between 500 and 600 millimeters** is expected over Western Province, Nyamagabe District and part of Nyaruguru District bordering Rusizi.



MAM 2020 Rainfall Predicted



MAM Rainfall Onset

