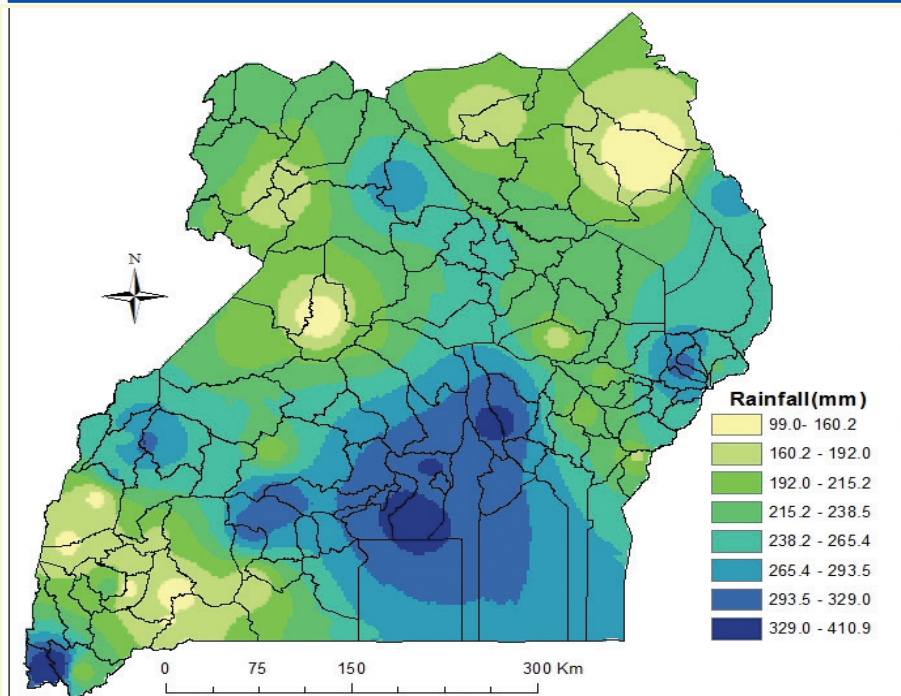


SEASONAL CLIMATE OUTLOOK FOR JUNE TO AUGUST 2016 PERIOD OVER UGANDA



4.4 Rainfall Performance for the month of May, 2015

The May 2016 rainfall analysis indicated that there was a general reduction in rainfall compared with the month of April across most parts of the country.

In terms of percentages of observed rainfall compared with their respective Long Term Mean (LTM) rainfall, Kawanda registered the highest with 125% followed by Mbarara and Kabale with 117% and 115% respectively. The lowest of 22% was registered at Bushenyi weather station in south western Uganda.

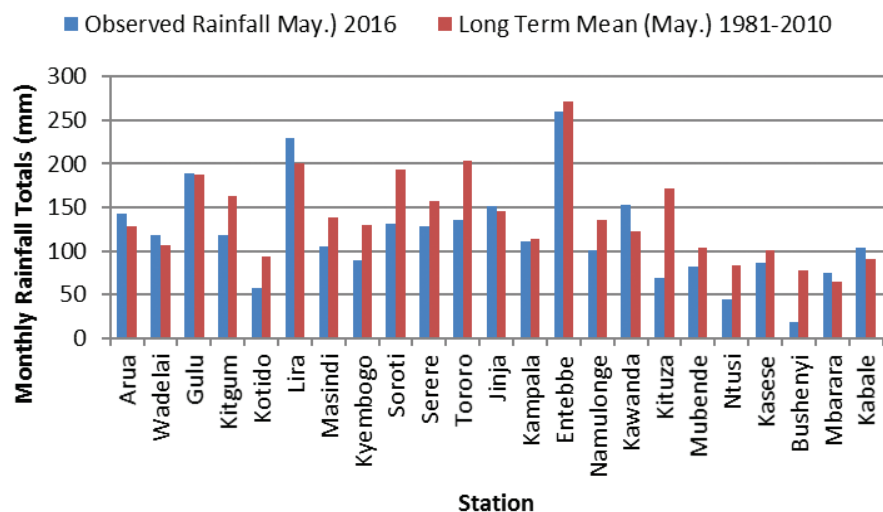


Figure 5: Rainfall performance for the month of May, 2016

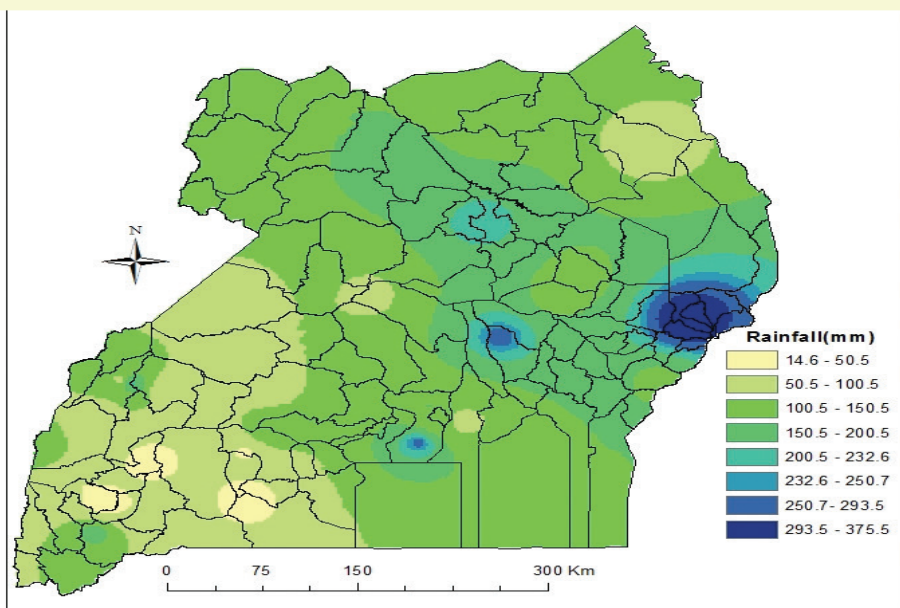


Figure 6: Spatial rainfall distribution for the month of May, 2016

4.5 The general rainfall performance during MAM Rainfall Season, 2016

The MAM 2016 seasonal rainfall analysis indicated that most parts of the country generally experienced normal rainfall as indicated by figure 7 below:

Entebbe weather station recorded the highest rainfall of 769.1mm followed by Kituza in Mukono district with 622.4mm and Lira with 561.8mm. The lowest seasonal rainfall was recorded at Kasese weather station with 300.7mm.

In terms of percentages of seasonal observed rainfall compared with their respective Long Term Mean (LTM) rainfall, Arua registered the highest with 140% followed by Kawanda 134%, and Lira with 123%. The lowest of 71% was reported in Serere weather station in eastern Uganda.

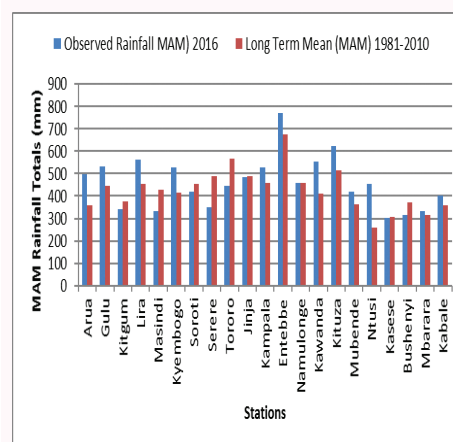


Figure 7: MAM 2016 Seasonal Rainfall performance

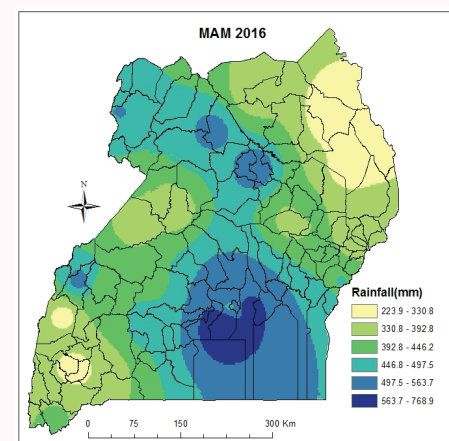


Figure 8: Spatial rainfall distribution for MAM 2016 season

4.6 Experienced Impacts during MAM 2016

The normal rainfall experienced in most parts of the country impacted both positively and negatively on various sectors of the economy;

- In Agricultural sector, most farming communities took advantage of rains and planted in time;
- In pastoral areas, pastures improved significantly due to the good rains experienced across the country. The rains also enabled the replenishment of water reservoirs;
- Water levels in most rivers and lakes increased due to enhanced rainfall during the season;
- Mild floods were reported in several areas of the country but were more pronounced in Kanungu district;
- In some areas, the onset of rainfall resulted into serious violent winds, hailstorms and thunderstorms that destroyed crops, houses and other properties; these incidences were reported in districts of Buhweju, Sheema, Hoima and Bulisa. Serious destructions were however reported in Bulisa district where there were loss of lives and destruction of property.
- Some districts like Busia reported incidences of Cholera outbreak attributed to poor sanitation during the wet season.
- Lightning was reported in several places

5. Accuracy

The accuracy of the seasonal climate forecast for June to August 2016 is about 75%. It is supported by useful forecast guidance inputs drawn from a wide range of sources including the World Meteorological Organizations' Global Producing Centres (WMO GPCs). These inputs were combined into a regional consensus forecast using deterministic and probabilistic modelling alongside expert analysis and interpretation to obtain the regional rainfall forecast for this season.

In conclusion, the predicted rains require action in sufficient time and in an appropriate manner so as to take advantage of the information. This forecast should be used for planning in all rain-fed economic activities so as to improve economic welfare and livelihoods for all our communities in their localities. UNMA has taken a further step of translating this forecast into thirty five (35) different local languages for audio and text messages. These translated messages will be disseminated to communities in different parts of the country mainly using local FM radios, meetings/workshops, worship places, markets and the UNMA Web Site: <http://www.unma.go.ug>.

The UNMA will continue to monitor the evolution of relevant weather systems particularly the La Niña event and issue appropriate updates and advisories to the users accordingly.

Festus Luboyera
EXECUTIVE DIRECTOR