

## DEKADAL AGROMET - HYDROMETEOROLOGICAL BULLETIN

*Period: 11<sup>th</sup> – 20<sup>th</sup> July 2017*

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### 1. Ten day weather forecast (21<sup>st</sup> -31<sup>st</sup> July 2017)

- ◆ The Lake Victoria basin, Central and parts of western in Albertine region are expected to experience isolated showers and thunderstorms.
- ◆ Dry conditions are expected to persist in South Western and Southern cattle corridor and the chances for light showers are marginal.
- ◆ Overall, wet conditions are expected to prevail over the Northern, North Western, North Eastern and the Eastern regions.

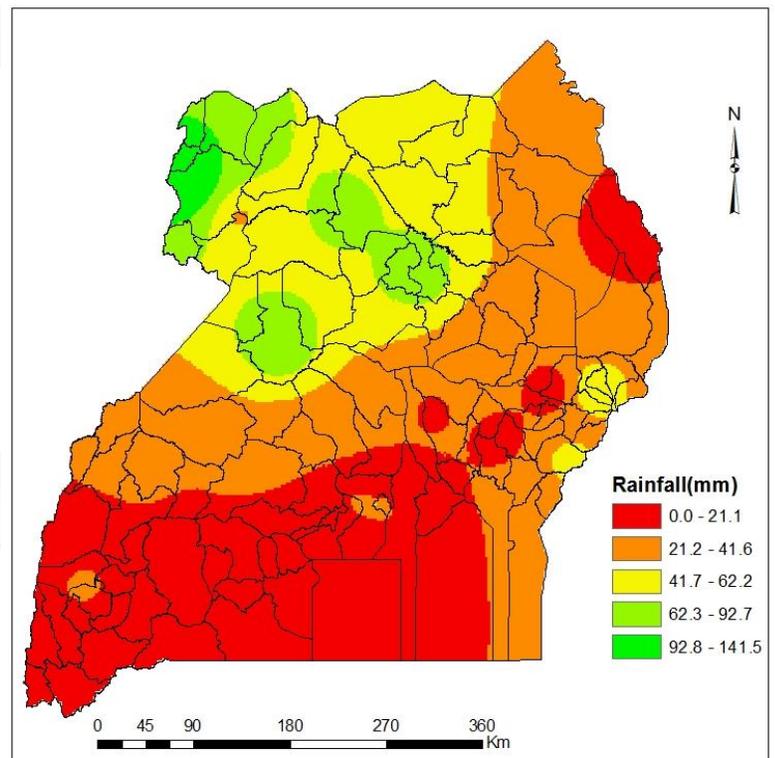
### 2. Highlights for 11<sup>th</sup> – 20<sup>th</sup> July 2017

- ◆ Dry conditions were still predominant over south western and southern cattle corridor.
- ◆ Substantial wet conditions were confined in West Nile region, parts of Mid Northern region and Albertine sub region.

### 3. The Rainfall Performance for 11<sup>th</sup> – 20<sup>th</sup> July 2017

The south Western and Western parts of the country were still under dry conditions due to the usual cycle of the dry season in July. Other affected areas were southern cattle corridor, central cattle corridor and parts of Lake Victoria basin.

The highest amount of rainfall received was 141.6 mm at Arua weather station in Arua District followed by 86.0 mm and 85.6mm at Kinyara rainfall station in and Masindi weather station both in Masindi District



*Figure 1: Spatial distribution of the observed rainfall for selected stations across the country during the period 11<sup>th</sup>-20<sup>th</sup> July 2017*

### 3. Temperature

The lower areas of Kasese District were still hotter than the rest of country even during this period. The highest average maximum temperature recorded there was 31.5°C. While the lowest of the average maximum temperature of 22.9 C was recorded at Buginyanya weather station in Bulambuli District. Overall, the highest of the daily maximum temperatures observed was 33.4°C.

The mean minimum temperatures for this period of 9.5°C to 18.7°C were recorded respectively at Kabale weather station and Kiige weather station in Kamuli District. The lowest of daily minimum temperatures of 7.5°C was observed at the former station. The details of the characteristics of temperature extremes are reflected in figures 2 and 3 below.

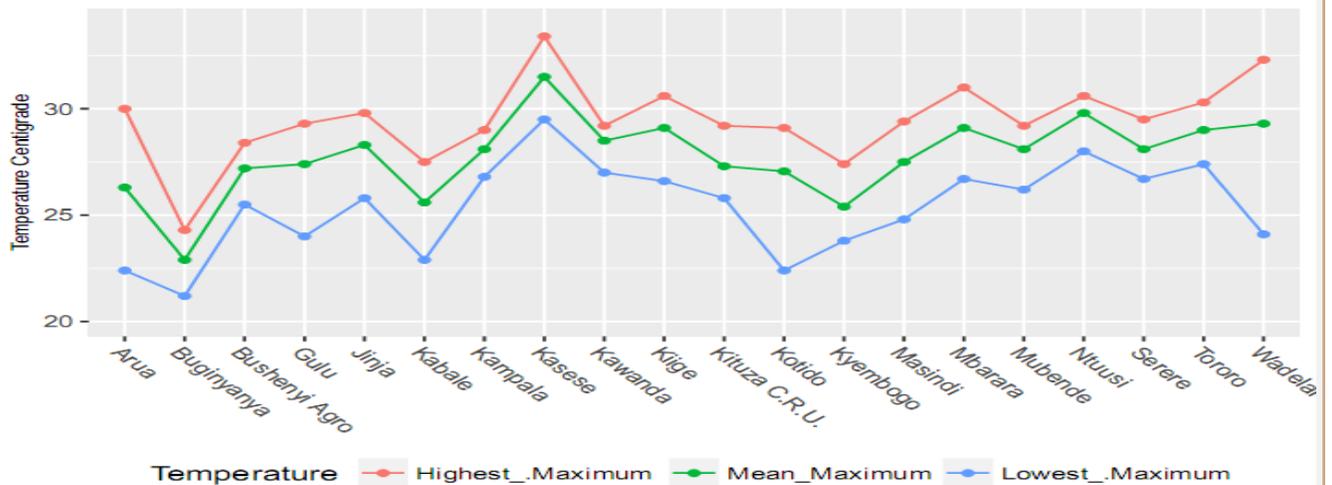


Figure 2: Maximum Temperature Extremes from 11<sup>th</sup> – 20<sup>th</sup> July 2017

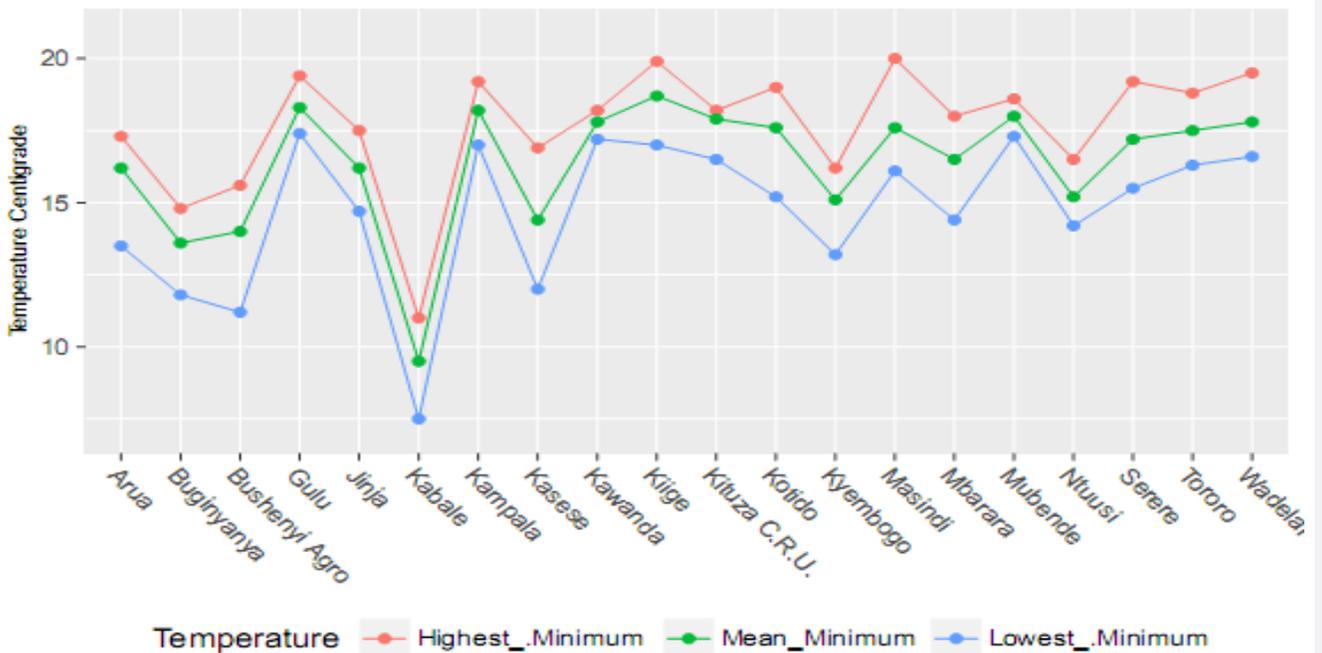


Figure 3: Minimum Temperature Extremes from 11<sup>th</sup> – 20<sup>th</sup> July 2017

#### 4. Impacts on Agriculture

The West Nile region, Northern and North Eastern sub regions are still experiencing wet conditions which favour crop growth and development.

Western and south Western regions are at present water stressed due to multiple prolonged dry spells which have given way to the usual dry season.

#### 7. Advisory

West Nile region, Northern region, parts of Eastern region and Karamoja sub region are expected to continue with careful weeding of already planted crops as the rains are still on.

However, the communities within Lake Victoria Basin, may consider preparing their land for the next rainy season. Any farming activities in South Western and Western regions require the application of localised irrigation especially for the growing of green vegetables and tomatoes.

#### *Explanatory notes*

*A dekad is a ten-day period, whereby:*

*1 dekad = 10 or 11 Days and (9 or 8 days for the last dekad of February)*

*One year is composed of 36 dekads*