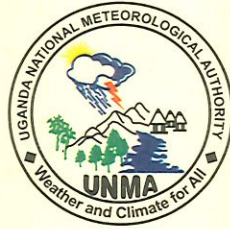


Head Office  
Plot 21/28,  
Port Bell Road - Luzira  
Email: info@unma.go.ug  
Email: exdir@unma.go.ug



Tel: +256 414 251 798  
Fax: +256 414 251 797  
P.O. Box 7025,  
Kampala - Uganda.  
Website: www.unma.go.ug

## UGANDA NATIONAL METEOROLOGICAL AUTHORITY

---

Ref: FCT/102/02

4<sup>th</sup> February, 2022

### RAINFALL OUTLOOK FOR FEBRUARY 2022

---

#### 1.0 SUMMARY

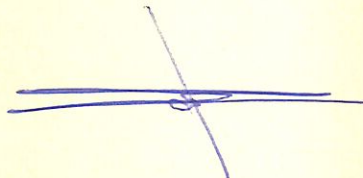
The rainfall outlook for February 2022 indicates that most parts of the country are expected to remain generally dry and sunny with hazy weather conditions. However, a few areas around the Lake Victoria basin, and south-western are expected to experience episodic isolated rainfall during the forecasting period.

#### 2.0 INTRODUCTION

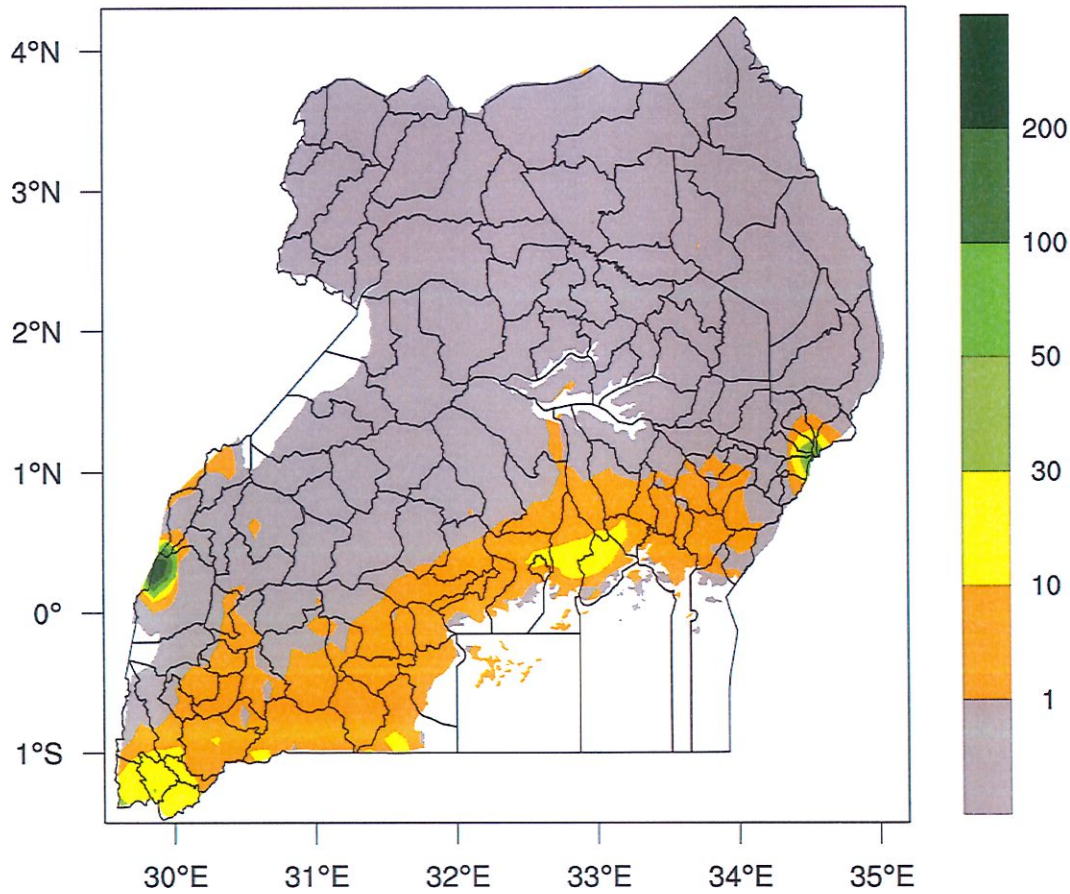
The month of February is generally characterised by dry and sunny weather conditions over most parts of the country. It is also associated with increased temperatures and higher than average temperatures are usually recorded during the month of February.

#### 2.1 Rainfall Outlook for February 2022

The outlook for the month of February indicates that dry conditions are expected to prevail over most parts of the country, while parts of the Lake Victoria basin and South-Western are likely to receive light to moderate rainfall. The mountainous areas of Elgon and Rwenzori are likely to experience moderate rainfall conditions during the forecast period. Refer to Figure 1 below:



## Rainfall Forecast (mm): February 2022



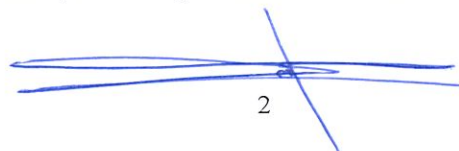
**Figure 1: Expected spatial rainfall distribution across the country for February 2022**

### 3.0 TEMPERATURE FORECASTS FOR FEBRUARY 2022

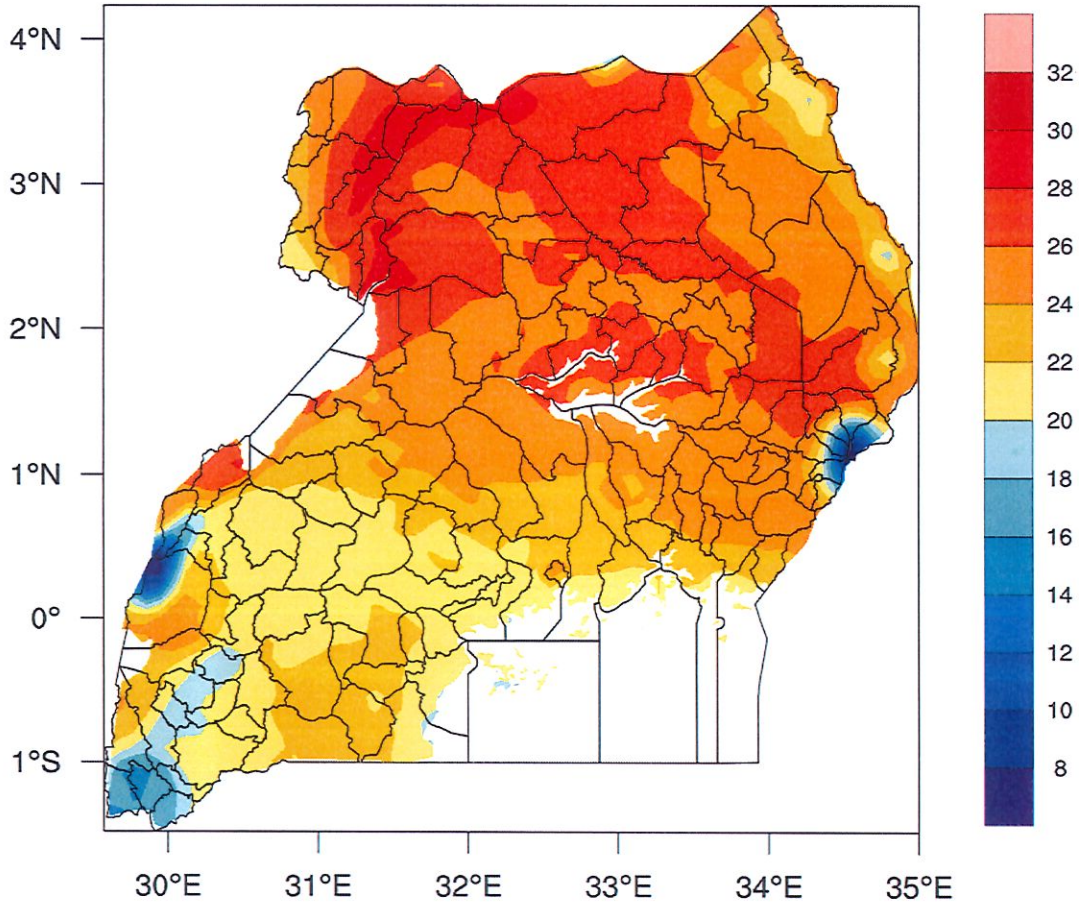
The month of February is always hot and associated with hazy conditions. The mean monthly temperatures during this month on average are expected to range between 22°C and 28°C over most parts of the country.

#### 3.1 Maximum Temperature:

The highest maximum temperatures (Day temperatures) are expected to range from 28°C to 30°C in most parts of the northern sector though some areas bordering South Sudan might reach 32°C. For most parts of the southern sector, temperatures are likely to range from 22°C to 24°C. For further details, refer to figure 2 below:



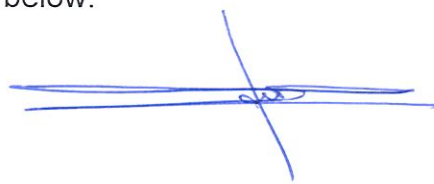
### Max Temp Forecast (0C): February 2022



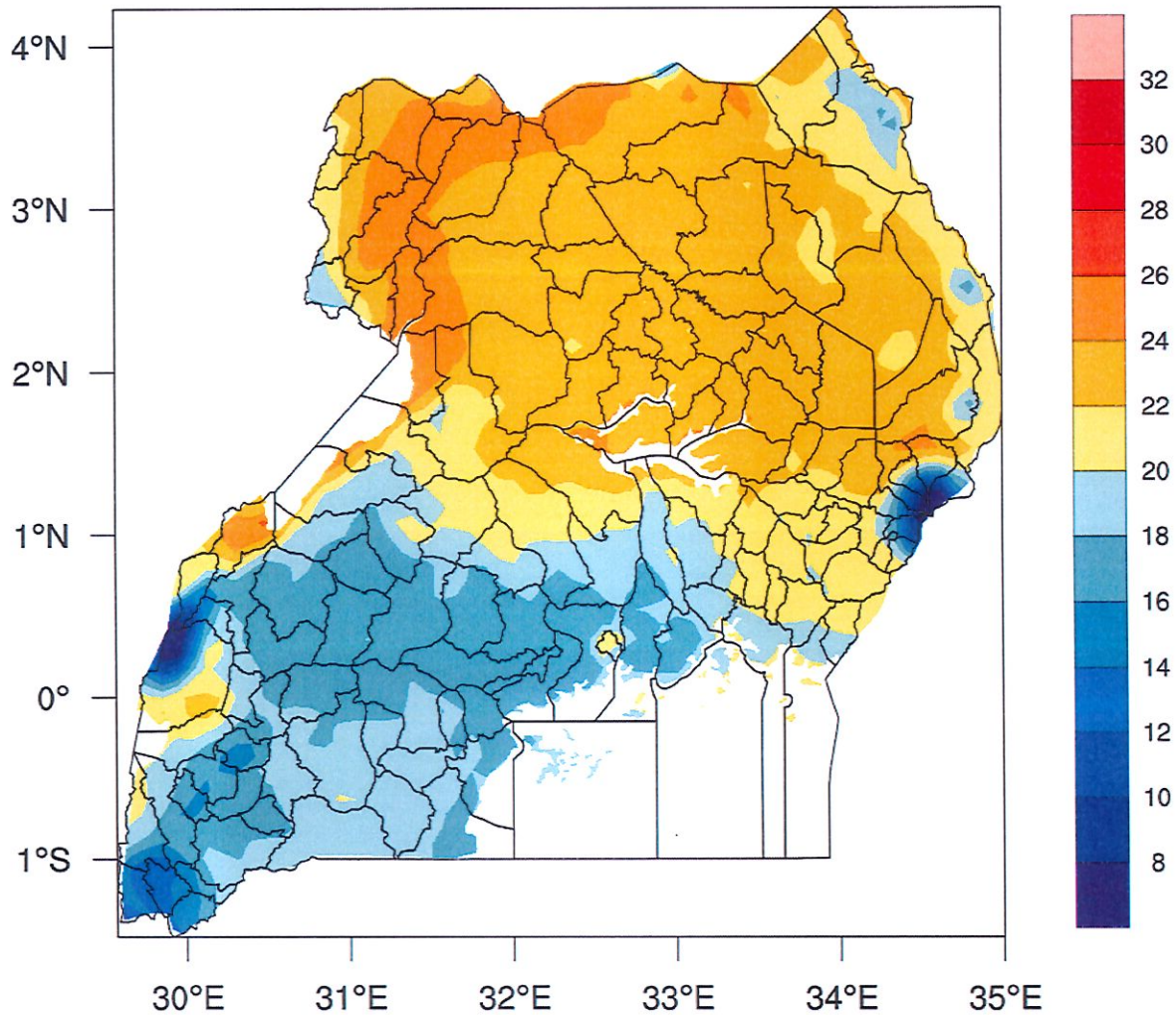
*Figure 2: Expected spatial Maximum temperature across the country for February 2022*

### 3.2 Minimum Temperature:

The minimum temperatures for this month are generally expected to range between 14°C and 20°C over most parts of the Western, Eastern, and Central region while the highland areas of Rwenzori, Elgon and Kigezi are likely to experience temperatures below 14°C. However, much of the Northern sector is expected to have minimum temperatures ranging between 20°C to 24°C as shown in figure 3 below.



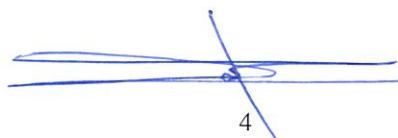
### Min Temp Forecast (0C): February 2022

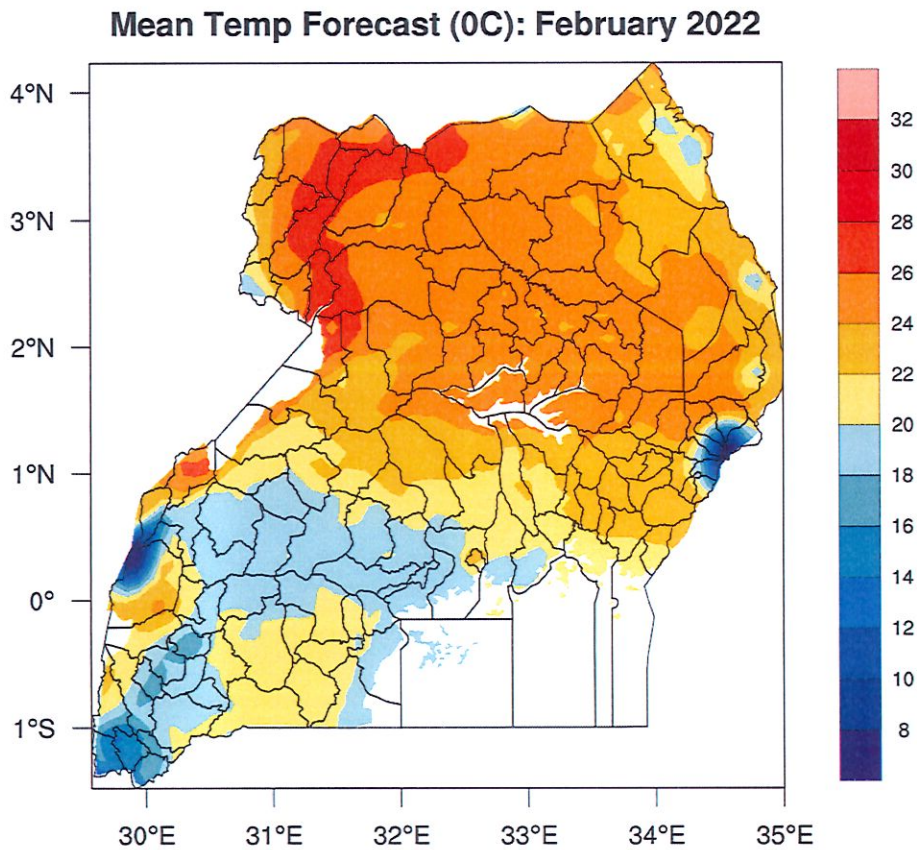


*Figure 3: Expected spatial Maximum temperature across the country for February 2022*

#### 3.3 Mean Temperature:

The expected mean temperature during February over most parts of the country is likely to range from 20°C to 26°C, over the Northern and Eastern regions is likely to experience higher temperatures in the range of 24°C to 28°C while parts of Central and Western regions are expected to be cooler with temperature ranging from 14°C to 20°C as shown in figure 4 below:





**Figure 4: Expected spatial Maximum temperature across the country for February 2022**

**4.0 POTENTIAL IMPACTS EXPECTED DURING FEBRUARY 2022.**

The predicted dry weather conditions over most parts of the country are expected to result in the following impacts;

- In pastoral areas especially in cattle corridor, the dry conditions are likely to result in further reduction in foliage and pasture for livestock so pastoralists should look for ways of storing water resource availability is likely to decline especially in cattle corridor areas.
- There is a high risk of airborne/respiratory diseases due to dust as a result of dry conditions
- There is a high risk of fire outbreaks due to the expected dry conditions
- Hazy conditions are expected to prevail during the forecast period and is likely to result in poor visibility for motorists and other road users

## 5.0 ADVISORIES FOR THE PERIOD OF FEBRUARY 2022

- Land clearing and preparation is encouraged in order to utilise the long rains of the coming cropping season of March to May
- The dry spell can be used for proper drying of produce like cereals
- In some areas near water bodies irrigation can be used for short maturing crops like vegetables for home consumption and commercial purposes
- Stocking of farm inputs for the coming March to May planting season.
- Pruning of trees for proper plant growth.
- Carrying out animal and human disease surveillance at all times and continuous vaccination of animals.
- Clearing of bushes around homesteads to destroy mosquito breeding points.
- Proper utilization of water points and practising good sanitation. Do not share open water points with animals.
- Proper weeding of perennial crops to avoid rodents and pests invading the plantations
- District disaster management committees should update their contingency plans for proper management of disasters that are associated with the March to May rainfall season.
- Motorists and other road users are advised to take caution while driving due to poor visibility as a result of the expected hazy conditions during the forecast period.



David W. Elweru  
**Ag. EXECUTIVE DIRECTOR**