UNITED REPUBLIC OF TANZANIA

MINISTRY OF TRANSPORT

# TANZANIA METEOROLOGICAL AUTHORITY

# EXTREME WEATHER REPORT FOR SEPTEMBER AND OCTOBER 2026

## 1.0 PREAMBLE

In September 2026, predominantly dry conditions prevailed across most parts of the country, accompanied by generally cool temperatures, particularly during the night and early morning hours in a few areas of the southwestern highlands. At the beginning of October, periods of light to moderate rainfall were observed in a few areas within the bimodal rainfall regime, particularly over the Lake Victoria Basin, marking the onset of the *Vuli* rainfall season. Towards the second half of October, rainfall accompanied by strong winds caused reported damage to houses in parts of Mara, Manyara and Kigoma regions.

## 2.0 SEPTEMBER 2026

### 2.1 Heavy rains

During September 2026, most areas of the country continued to experience predominantly dry conditions, with episodes of light to moderate rainfall observed in a few areas. No period of heavy rainfall (≥ 50 mm) was recorded during this month. The highest daily rainfall amount was 43.6 mm, recorded at Pemba station on 18th September 2026.

### 2.2 Extreme Temperatures

Very few areas across the country recorded extreme maximum temperatures (reaching 35°C) during September 2026. The highest maximum temperature observed was 36.9°C, recorded at Mpanda station, Katavi region, on 29th October 2026.

**Table 1**. The number of days where stations recorded maximum temperatures at or above 35°C in September 2026

| Zone | Station name | Number of Days (> 35°C) | Highest Recorded Temp. (°C) |
|---|---|---|---|
| West | Mpanda | 8 | 36.9 °C |
| | Tabora | 1 | 35.6 °C |

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Additionally, cool conditions were experienced in some areas of the country especially during the morning hours across the southwestern highlands and Southern region. The lowest minimum temperature recorded during this month was 7.6°C at Igeri station (Njombe region) on 7th September 2026.

Details of the distribution of minimum temperatures at selected stations across the southwestern highlands are illustrated below.

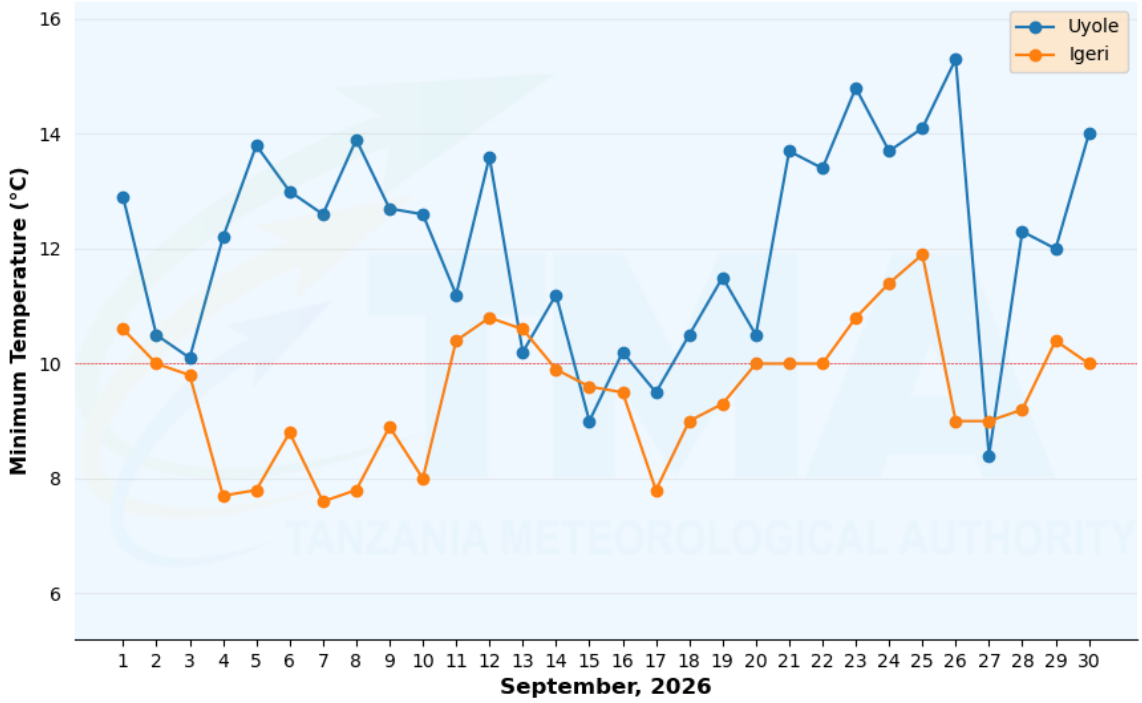



**Figure 1**: The temporal variation of the daily minimum temperatures recorded at Uyole and Igeri stations during September 2026.

### 2.3 Strong Winds

Few cases of strong winds were observed in some areas of the country during September 2026, particularly over the coastal areas, central regions and around major lakes. There were no significant impacts of winds over the month of September.

## 3.0 OCTOBER 2026

### 3.1 Heavy rains

During the month of October 2026 periods of light to moderate rains were observed in some areas of the country, particularly in the bimodal areas, marking the onset of the Vuli 2026 rainy season especially over the Lake Victoria Basin.

A few instances of heavy rainfall were also recorded during the month. The highest daily rainfall amount of 57.7 mm was recorded at Tanga Station on 31st October 2026, followed by 52.6 mm recorded at Mlingano Station on the same day.

Other stations that recorded rainfall amounts of 30 mm or more are illustrated below.

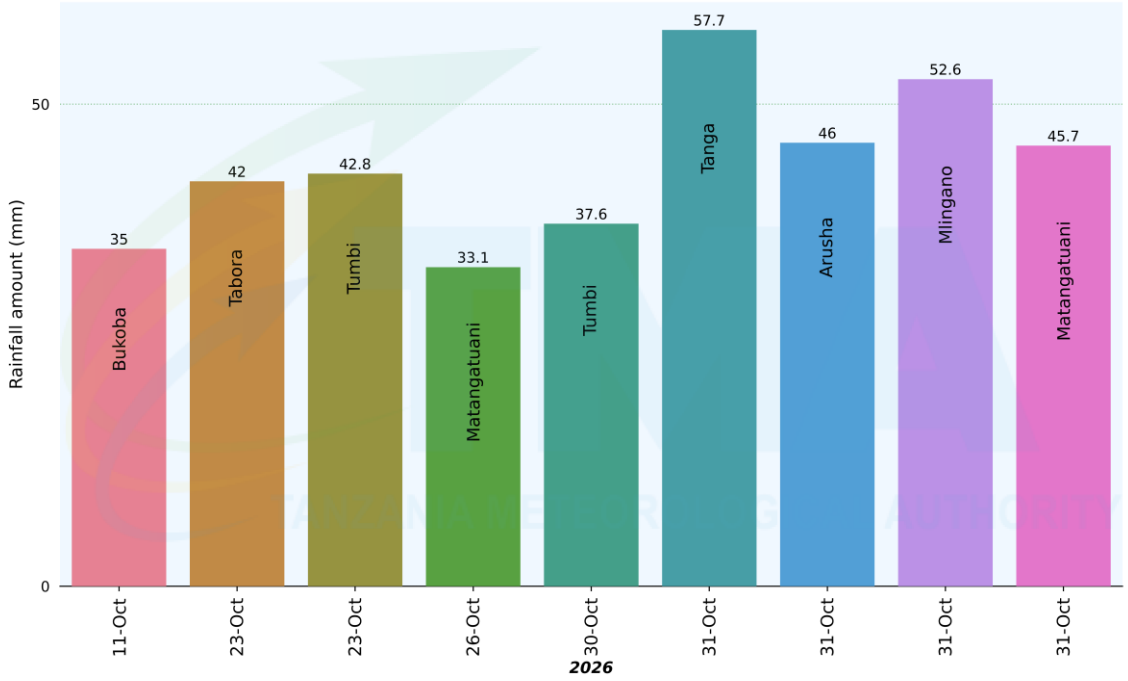



Figure 2: Stations recorded daily rainfall amounts reaching or exceeding 30 mm in October, 2026

In addition to the station observations, media reports documented damaging rain and wind events in parts of Mara, Manyara and Kigoma regions between 21 and 24 October 2026. In Mara region (Bunda district), heavy rainfall accompanied by strong winds on 21 and 22 October 2026 affected Kabasa, Hunyara and Mcharo wards. Reports indicated that more than 360 houses were damaged, including at least 50 that collapsed completely.

In Kigoma Region, approximately 15 houses had their roofs blown off in Kasana and Nyarugusu villages in Kibondo District after heavy rain and strong winds on October 21 and 22 (*Source: The Guardian*).



Figure 2: Damaged house after heavy rainfall and strong wind in Bunda district, Mara Region (Source: The Respondent Online)

### 3.2 Extreme Temperatures

During October 2026, warm to hot temperatures prevailed in some areas of the country; The highest maximum temperature of 36.4 °C was recorded at Mpanda station (Katavi region) on the 10th of October, 2026. Mpanda station also recorded hotter days than other stations, with 20 days of maximum temperatures reaching or exceeding 35 °C.

**Table 2**. The number of days where stations recorded maximum temperatures at or above 35°C in October 2026

| Zone | Station name | Number of Days (> 35°C) | Highest Recorded Temp. (°C) |
|---|---|---|---|
| West | Mpanda | 20 | 36.4 °C |
| | Tabora | 3 | 35.5 °C |
| Northeastern Highlands | Moshi | 6 | 36.3 °C |
| | Same | 1 | 35.4 °C |
| | Kilimanjaro | 5 | 36.0°C |
| Northern Coast | Dar es Salaam | 1 | 35.2°C |

| | | | |
|---|---|---|---|
| | Morogoro | 2 | 35.5°C |
| | Ilonga | 3 | 35.3°C |

### 3.3 Strong Winds

Light to moderate winds prevailed over most parts of the country during October 2026. However, occasional strong winds, reaching speeds of up to 40 km/h, affected areas along the Indian Ocean coast, around the major lakes, and some inland regions, resulting in damage to property.

*These extreme weather events highlight the increasing challenges posed by climate change and underscore the importance of implementing robust adaptation and mitigation strategies to protect communities and the environment.*

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**By Tanzania Meteorological Authority**