



DEKADAL Weather Review and Outlook

1.0 WEATHER REVIEW FOR DEKAD No. 28 (01st – 10th OCTOBER), 2025 AND OUTLOOK FOR DEKAD No. 29 (11th– 20th OCTOBER), 2025

1.1 WEATHER REVIEW FOR DEKAD No. 28 (01st – 10th OCTOBER), 2025

During this dekad, the southern hemisphere high-pressure systems (St. Helena and Mascarene) continued to intensify while the northern hemisphere high-pressure systems (Azores and Siberian) continued to relax. This condition maintained the northward presence of the Inter Tropical Convergence Zone (ITCZ), away from our country. On the other hand, SSTs over the South-west Indian Ocean (Southeastern part of Africa) continued being cooler than normal and thus, maintained the presence of the eastern African Ridge which suppressed rainfall making mechanisms over some parts of the country. However, presence of local low level wind convergence over Lake Victoria Basin, and moist maritime winds blowing towards some parts of the coastal areas strengthened precipitation making mechanisms over those areas.

1.2 WEATHER SUMMARY FOR DEKAD No. 28 (01st – 10th OCTOBER), 2025

The above weather systems resulted into thundershowers over Lake Victoria basin and periods of rainshowers over coastal areas while the rest part of the country was mainly dry.

2.0 WEATHER OUTLOOK FOR DEKAD No. 29 (11th– 20th OCTOBER), 2025

2.1 EXPECTED SYNOPTIC SITUATION FOR DEKAD No. 29 (11th– 20th OCTOBER), 2025

During this dekad, the southern hemisphere high-pressure systems (St. Helena and Mascarene) are expected to intensify while the northern hemisphere high-pressure systems (Azores and Siberian) are expected to relax. This condition is expected to maintain the northward presence of the Inter Tropical Convergence Zone (ITCZ), away from our country. On the other hand, SSTs over the South-west Indian Ocean (Southeastern part of Africa) are expected to continue being cooler than normal and thus, maintain the presence of the eastern African Ridge which is

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expected to suppress rainfall making mechanisms over some parts of the country. However, presence of local low level wind convergence over the areas around Lake Victoria Basin, and moist maritime winds blowing towards some parts of the coastal areas are expected to strengthen precipitation making mechanisms over those areas.

2.2 EXPECTED WEATHER OUTLOOK FOR DEKAD No. 29 (11th– 20th OCTOBER), 2025

Lake Victoria Basin (Kagera, Geita, Shinyanga, Mwanza, Simiyu and Mara regions):

Periods of Thundershowers are expected over few areas.

Northeastern highlands (Arusha, Manyara and Kilimanjaro regions): Mainly dry condition is expected.

Northern coast (Tanga, Northern part of Morogoro, Pwani and Dar es Salaam regions together with isles of Unguja and Pemba): Periods of rainshowers are expected over few areas.

Western regions (Kigoma, Katavi and Tabora regions): Mainly dry condition is expected.

Central areas (Dodoma and Singida regions): Dry condition is expected.

Southwestern highlands (Rukwa, Songwe, Mbeya, Njombe and Iringa regions): Dry condition is expected.

Southern Coast (Mtwara and Lindi regions): Periods of light rainshowers are expected over few areas.

Southern region (Ruvuma and Southern part of Morogoro regions): Mainly dry condition is expected.

Issued by:

TANZANIA METEOROLOGICAL AUTHORITY

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