DEKADAL Weather Review and Outlook

1.0 WEATHER REVIEW FOR DEKAD No. 07 (01st – 10th MARCH), 2026 AND OUTLOOK FOR DEKAD No. 08 (11th – 20th MARCH), 2026.

1.1 WEATHER REVIEW FOR DEKAD No. 07 (01st – 10th MARCH), 2026.

During this dekad, the northern hemisphere high-pressure systems (Azores and Siberian) remained intense as compared to the southern hemisphere high-pressure systems (St. Helena and Mascarine). This condition maintained the meridional arm of the ITCZ, over the western part of our country, Lake Victoria Basin, southwestern highlands, Central and southern region. On the other hand, SSTs over the West Indian Ocean were warmer than normal while that over the eastern Indian Ocean were cooler than normal. This condition advected moist maritime easterly winds towards the coastal areas and the northeastern highlands of our country thereby enhancing rainfall making mechanisms over those areas.

1.2 WEATHER SUMMARY FOR DEKAD No. 07 (01st – 10th MARCH), 2026.

The above weather systems resulted into thundershowers over most parts of the country. Periods of heavy rain were also reported over the northeastern highlands, western part of the country, southwestern highlands and coastal areas.

2.0 WEATHER OUTLOOK FOR DEKAD No. 08 (11th – 20th MARCH), 2026.

2.1 EXPECTED SYNOPTIC SITUATION FOR DEKAD No. 08 (11th – 20th MARCH), 2026.

During this dekad, the southern hemisphere high-pressure systems (St. Helena and Mascarine) are expected to slightly intensify while the northern hemisphere high-pressure systems (Azores and Siberian) are expected slightly relax. This condition is expected to allow the Inter Tropical Convergence Zone (ITCZ) to move slightly northward and occupy some areas along the Lake Victoria Basin, western parts of the country, central areas, southern region, southwestern highlands and northeastern highlands. On the other hand, SSTs over

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the West Indian Ocean is expected to be warmer than normal while that over the eastern Indian Ocean are expected to be cooler than normal. This condition is expected to bring moist maritime easterly winds towards the coastal areas and the northeastern highlands of our country thereby enhancing rainfall making mechanisms over those areas.

2.2 EXPECTED WEATHER OUTLOOK FOR DEKAD No. 08 (11th – 20th MARCH), 2026.

Lake Victoria Basin (Kagera, Geita, Shinyanga, Mwanza, Simiyu and Mara regions): Thundershowers are expected over few areas.

Northeastern highlands (Arusha, Manyara and Kilimanjaro regions): Thundershowers are expected over some areas.

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

Western regions (Kigoma, Katavi and Tabora regions): Thundershowers are expected over some areas.

Central areas (Dodoma and Singida regions): Thundershowers are expected over some areas.

Southwestern highlands (Rukwa, Songwe, Mbeya, Njombe and Iringa regions): Thundershowers, heavy at times are expected over some areas.

Southern Coast (Mtwara and Lindi regions): Thundershowers, heavy at times are expected over some areas.

Southern region (Ruvuma and Southern part of Morogoro regions): Thundershowers, heavy at times are expected over some areas.

Issued by:

TANZANIA METEOROLOGICAL AUTHORITY

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