



DEKADAL Weather Review and Outlook

1.0 WEATHER REVIEW FOR DEKAD No. 33 (21st – 30th NOVEMBER, 2024) AND OUTLOOK FOR DEKAD No. 34 (01st – 10th DECEMBER, 2024)

1.1 WEATHER REVIEW FOR DEKAD No. 33 (21st – 30th NOVEMBER, 2024)

During this dekad, the southern hemisphere high-pressure systems (St. Helena and Mascarene) continued to relax while the northern hemisphere high-pressure systems (Azores and Siberian) continued to intensify. This condition maintained the gradual southward movement of the meridional arm of the ITCZ, into areas along Lake Victoria Basin, western, central part of our country and southwestern highlands. On the other hand, SSTs over the area between north of Madagascar and East African coast were warmer than normal. This condition enhanced formation of low-pressure systems over that area hence, improving the precipitation making mechanisms (zonal arm of ITCZ) over coastal areas of our country and nearby areas.

1.2 WEATHER SUMMARY FOR DEKAD No. No. 33 (21st – 30th NOVEMBER, 2024)

The above weather systems resulted into thundershowers over the Lake Victoria Basin, central areas and western parts. Periods of rainshowers were also observed over the coastal areas, southwestern highlands and northeastern highlands.

2.0 WEATHER OUTLOOK FOR DEKAD No. 34 (01st – 10th DECEMBER, 2024)

2.1 EXPECTED SYNOPTIC SITUATION FOR DEKAD No. 34 (01st – 10th DECEMBER, 2024)

During this dekad, the southern hemisphere high-pressure systems (St. Helena and Mascarene) are expected to continue relaxing while the northern hemisphere high-pressure systems (Azores and Siberian) are expected to continue intensifying. This condition is expected to maintain the gradual southward movement of the meridional arm of the ITCZ, into areas along the Lake Victoria Basin, central, western part of our country and southwestern highlands. On the other

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hand, SSTs over the area between north of Madagascar and East African coast are expected to be warmer than normal. This condition is expected to enhance formation of low-pressure systems over that area hence, improving the precipitation making mechanisms (zonal arm of ITCZ) over coastal areas of our country and nearby areas.

2.2 EXPECTED WEATHER OUTLOOK FOR DEKAD No. 34 (01st – 10th DECEMBER, 2024)

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

Thundershowers, heavy at times are expected over most areas.

Northeastern highlands (Arusha, Manyara and Kilimanjaro regions): Thundershowers, heavy at times are expected over few areas.

Northern coast (Tanga, Northern part of Morogoro, Pwani and Dar es Salaam regions together with isles of Unguja and Pemba): Thundershowers, heavy at times are expected over some areas especially during the first half of the dekad.

Western regions (Kigoma, Katavi and Tabora regions): Thundershowers, heavy at times are expected over few areas.

Central areas (Dodoma and Singida regions): Thundershowers, heavy at times are expected over few 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 especially during the first half of the dekad.

Southern region (Ruvuma and Southern part of Morogoro regions): Rainshowers are expected over some areas.

Issued by:

TANZANIA METEOROLOGICAL AUTHORITY

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