



## ***DEKADAL Weather Review and Outlook***

### **WEATHER REVIEW FOR DEKAD 14 (11<sup>th</sup> – 20<sup>th</sup> MAY, 2021) AND OUTLOOK FOR DEKAD 15 (21<sup>st</sup> – 31<sup>st</sup> MAY, 2021)**

#### **1.1 WEATHER REVIEW FOR DEKAD 14 (11<sup>th</sup> – 20<sup>th</sup> MAY, 2021)**

During this period, the northern high-pressure system, (Azores and Siberian) were relaxed while the southern high-pressure systems (St. Helena and Mascarene) intensified. The scenario continued to push the Inter Tropical Convergence Zone (ITCZ) further northwards. Sea surface temperatures (SSTs) over the southeast Atlantic Ocean (near Angola coast) were neutral to slight warm. This condition had less contribution in the advection of moist westerlies from Congo basin towards the western sector of the country.

#### **1.2 WEATHER SUMMARY FOR DEKAD 14 (11<sup>th</sup> – 20<sup>th</sup> MAY, 2021)**

The weather systems above influenced rain showers over some areas along the coastal belt with isolated cases of thundershowers over the Lake Victoria basin and western part of the country. Meanwhile, isolated cases of light rain showers were experienced over the north-eastern highlands.

### **2.0 WEATHER OUTLOOK FOR DEKAD 15 (21<sup>st</sup> – 31<sup>st</sup> MAY, 2021)**

#### **2.1 EXPECTED SYNOPTIC SITUATION**

During this period of the Dekad, the northern high-pressure system, (Azores and Siberian) are expected to continue relaxing while the southern high-pressure systems (St. Helena and Mascarene) are expected to intensify. The scenario is expected to drive the ITCZ progressively towards the north. SSTs over the southeast Atlantic Ocean (near Angola coast) are expected to be neutral to slight warm, a scenario which will have less contribution in advecting moist westerlies

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from Congo basin towards the western sector of the country.

## **2.2 EXPECTED WEATHER OUTLOOK FOR DEKAD 15 (21<sup>st</sup> – 31<sup>st</sup> MAY, 2021).**

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

Isolated cases of thundershowers over few areas are expected especially during the first half of the dekad.

**Northeastern highlands (Arusha, Manyara and Kilimanjaro regions):** Mainly light rain showers over few areas are expected.

**Northern coast (Tanga, Northern part of Morogoro, Pwani and Dar es Salaam regions together with isles of Unguja and Pemba)** Light rain showers over few areas are expected.

**Western regions (Kigoma, Katavi and Tabora regions):** Isolated cases of thunderstorm accompanied with light rain showers over few areas are expected.

**Central areas (Dodoma and Singida regions):** Mainly dry conditions are expected.

**Southwestern highlands (Rukwa, Songwe, Mbeya, Njombe and Iringa regions):** Mainly dry conditions are expected.

**Southern Coast (Mtwara and Lindi regions):** Mainly dry conditions are expected.

**Southern region (Ruvuma and Southern part of Morogoro regions):** Mainly dry conditions are expected.

Issued by: **TANZANIA METEOROLOGICAL AGENCY**

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