

WEATHER REVIEW FOR DEKAD 07 (01ST – 10TH MARCH, 2017) AND
OUTLOOK FOR DEKAD 08(11ST – 20TH MARCH, 2017)

1.1 WEATHER REVIEW FOR DEKAD 07 (01ST – 10TH MARCH, 2017)

The 07th Dekad of 2017 was dominated by the well organized Intercontinental Convergence Zone, the ITCZ, across central Tanzania as well as the tropical depression which, during the mid period, evolved into an intense tropical cyclone Enawo. The South-western Indian Ocean remained warm, favouring the formation of tropical depressions and therefore influence activities over much of the central towards Southern parts of the country. On contrary, the North-western Indian Ocean (around the Somali coast) was cool and therefore suppressing activities over the North-eastern areas of the country. Also, the Western Atlantic Ocean (close to Angolan coast) featured slightly warm Sea Surface Temperatures (SSTs) and this suppressed the westerly winds and therefore activities over the Western parts of the country.

1.2 WEATHER SUMMARY FOR DEKAD 07 (01ST – 10TH MARCH, 2017)

The weather systems above resulted into significant rains and thunderstorms over the Southern, South-western, central and occasionally central coastal areas of the country. Heavy rains were also recorded in these areas during this period. The western areas received few rains and thunderstorms due to unfavourable weather systems discussed above.

1.3 WEATHER OUTLOOK FOR DEKAD 08 (11ST – 20TH MARCH, 2017)

1.3.1 EXPECTED SYNOPTIC SITUATION

During the 08th Dekad of 2017, the southern high-pressure systems (St. Helena and Mascarene) are expected to maintain their current intensities; however, their counterparts in the north (Azores and Siberian) are expected to intensify, thus keeping the ITCZ slightly further South across the Southern coast of Tanzania. Tropical Western Indian Ocean is expected to feature warm conditions and therefore keep the ITCZ across Tanzania but more pronounced over the central towards Southern coastal areas. This configuration is likely to benefit the Southern, central and Eastern parts of Tanzania, causing significant rainfall over these areas. SSTs over the Atlantic Ocean closer to Angola coast are expected to remain warm, keeping relatively few activities over Western and Lake Victoria Basin areas of Tanzania.

1.3.2 EXPECTED WEATHER OUTLOOK FOR DEKAD 08 (11ST – 20TH MARCH, 2017)

Lake Victoria Basin (Kagera, Mwanza, Mara, Geita, Simiyu and Shinyanga regions): Few, rain showers and thunderstorms, especially over the Southern parts, are expected over few areas.

Northeastern highlands (Kilimanjaro, Arusha and Manyara regions): Few rain showers, occasionally accompanied by thunderstorms are expected over few areas.

Northern coast (Dar es Salaam, Morogoro and Tanga regions, the isles of Unguja and Pemba): Frequent rain showers, with few thunderstorms, are expected over some areas of Dar es Salaam, Pwani and Morogoro regions. The remaining areas of the Northern coast are expected to feature occasional rains, with few thunderstorms, over some areas.

Western regions (Kigoma, Katavi and Tabora regions): Occasional rain showers and thunderstorms are expected over some areas.

Central areas (Dodoma and Singida regions): Few rain showers with thunderstorms are expected over some areas.

Southwestern highlands (Rukwa, Iringa, Songwe and Mbeya regions): Frequent rain showers and thunderstorms are expected over many areas.

Southern Coast (Mtwara and Lindi regions): Frequent rain showers and thunderstorms are expected over many areas.

Southern region (Njombe and Ruvuma region): Frequent rain showers and thunderstorms are expected over many areas.

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