



HIGHLIGHTS

Expected light rains during the third dekad of August may be useful for farm preparations especially over the bimodal sector

SYNOPTIC SUMMARY

During the second dekad of August 2013, both Azores and Siberian high pressure systems in the northern hemisphere started to show signs of strengthening while their equivalent pressure systems over southern Africa generally maintained. This configuration caused the ITCZ to slowly retreat towards the Equator and the East African ridge showed signs of relaxation over much of the country. Easterly waves were also noted to develop slowly over much of western Indian Ocean thus influencing occurrence of light rains over the coastal areas and Zanzibar.

Due to a prevailing dry season, pastures and water availability for livestock and wildlife decreased slightly over some areas of the country.

Hydrological Summary

Water levels in dams and river-flow were slightly decreasing due to prevailed seasonal dry conditions.

Environmental Summary

Temperature conditions over much of the country were generally low but were increasing slightly during the period.

WEATHER SUMMARY

In view of the observed synoptic conditions, thundery activities along with occasional cases of showers were reported over Lake Victoria basin. The highest amount of rainfall was recorded over Bukoba (42.1 mm), followed by Mugumu (34.9mm), Tukuyu (16.2 mm) and Ukiriguru (14.2 mm). Other areas remained dry with few pocket areas reporting rainfall less than 10 mm.

EXPECTED SYNOPTIC CONDITIONS DURING AUGUST 21-31, 2013

During the next dekad, pressure systems over southern Africa are expected to relax while those in the northern hemisphere are expected to continue intensifying. East African low level ridge over the country is expected to be maintained. The ITCZ is therefore expected to continue migrating towards the equator. This configuration of weather systems is expected to sustain isolated showers and thunderstorms over the Lake Victoria Basin while light rains are expected to feature along the coastal strip, its hinterlands and over high ground areas of the country.

IMPACT ASSESSMENT

Agrometeorological and Crop Summary

During the second dekad of August 2013, the country experienced mainly seasonal dry conditions. The light rains that occurred especially over the bimodal areas are useful for land preparations and regeneration of pastures. In a few areas of the bimodal sector including Bunda in Mara region, Mwanza, Kagera and Kilimanjaro regions, some farmers have started farm preparations. Similarly, in the unimodal sector including Mbeya, Iringa and Tunduru, few farmers were preparing their farms as well.

EXPECTED WEATHER DURING AUGUST 21- 31, 2013

Lake Victoria basin (Kagera, Mwanza, Mara, Geita, Simiyu and Shinyanga regions) is expected to feature isolated thunderstorms and rain showers. Northern coast (Dar es Salaam, Morogoro and Tanga regions, the Isles of Unguja and Pemba) is expected to feature mainly dry conditions with possibility of light rain showers. Southwestern highlands (Rukwa, Katavi, Iringa, Njombe and Mbeya regions) are expected to feature mainly dry and

cool conditions with possibility of isolated light rain showers especially over the high grounds. Northeastern highlands (Kilimanjaro, Arusha, and Manyara regions) are expected to feature dry and cool conditions with possibility of light rain over high grounds. Southern coast (Mtwara and Lindi regions), southern region (Ruvuma region), western regions (Kigoma and Tabora regions) and central areas (Dodoma and Singida regions) are expected to feature dry and cool conditions.

**AGROMETEOROLOGICAL OUTLOOK
DURING AUGUST 21- 31, 2013**

During the third dekad of August, 2013, the expected light rains may be beneficial for farm preparation in some areas. Water and Pastures supply for livestock and wildlife is expected to decrease further due seasonal dry condition.

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