

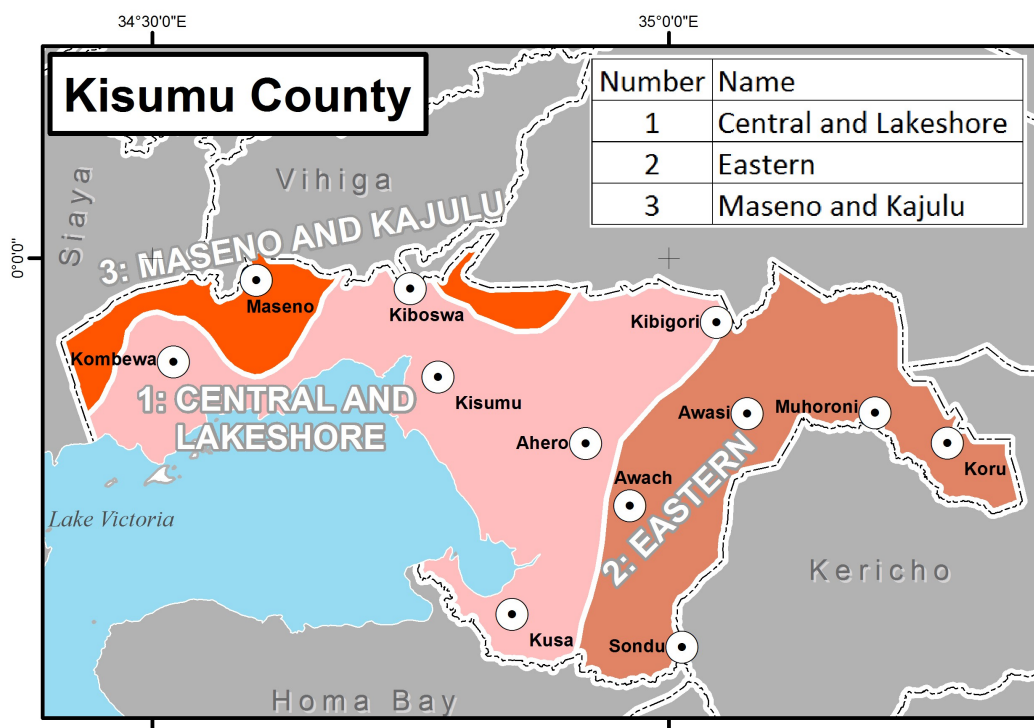


REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT – KISUMU COUNTY

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Date: 31st August 2020

KISUMU COUNTY
MONTHLY WEATHER FORECAST FOR
SEPTEMBER 2020



Period of forecast: September 1st to September 30th 2020

Summary

Most parts of the country experience generally sunny and dry weather conditions during the month of September except Western regions, including Kisumu County, which receives considerable rainfall. The warmer Equatorial sea-surface temperatures (SSTs) prevailed across the western Pacific to central Indian Ocean with cold SSTs in the eastern Pacific Ocean during the month of August 2020. The meridional (north-south) arm of the rain-bearing Inter-Tropical Convergence Zone

(ITCZ) mainly laid over the Congo, Uganda and Western Kenya including Kisumu County while the zonal (west-east) arm of the ITCZ was over Ethiopia and South Sudan. The expected evolution of the Oceans and presence of the meridional arm of the ITCZ over Western Kenya will lead to near-average to above average (enhanced) rainfall in the month of September 2020 in Kisumu County. Kisumu County will receive comparatively more and well-distributed rainfall during the first half than second half of September 2020. The average day-time and night-time temperatures in September 2020 will be slightly cooler than the temperatures that are normally observed during the month of September.

**Forecast for Central/Lakeshore and Maseno/Kajulu climatic zones 1 and 3
(includes Kisumu, Kombewa, Ahero, Kiboswa, Kibigori, Maseno, Kajulu etc)**

The outlook for September 2020 indicates that these zones will receive near-average to above-average (enhanced) rainfall. During the first half of September 2020, these zones will experience light to moderate rains over few to many places occasionally increasing to heavy rains over most places. The afternoon/night showers will be accompanied by lightning and thunderstorms. Rainfall will be well distributed with short dry spells. The average day-time and night-time temperatures in September 2020 will be slightly cooler than the temperatures that are normally observed during the month of September. The afternoon day-time temperatures will range between 27° – 30°C with night time lows of 17° to 20°C.

During the second half of September 2020, the rainfall amounts will reduce to light rains over few places occasionally increasing to moderate rains over many places. The second half will experience comparatively longer dry spells. During this period, day-time temperatures will on average have afternoon highs ranging between 28° – 31°C with night time lows of 16° to 19°C.

Weather Review for August 2020

The month of August marked the end of the cold season in most parts of the country, with Kisumu County recording warmer temperatures towards the end of the month. The analysis of the observed August 2020 rainfall totals indicated that most Meteorological Stations (Kericho, Kakamega, Kisumu, Kisii and Suba) in Western and Nyanza regions received close to and more than the average rainfall amounts that are usually received during the month of August. This may have been caused by the strong pressures over the Atlantic Ocean, which increased the strength of the meridional (north-south) arm of the rain-bearing Inter-Tropical Convergence Zone (ITCZ) over Western Kenya. The average daytime (maximum) and night-time (minimum) temperatures were slightly cooler than the temperatures that are usually observed during the month of August.

Advice to farmers from Ministry of Agriculture:

- Consult your local agricultural extension officer for advice on how to plan farming activities in the light of this forecast.

SMS version of the forecast

Kisumu month Sep,1,3,average-enhanced rain,cooler temp,thunder,Half 1 li/mo rain few/many,fair distribution,short dry spells,Half2 li rain few,poor distribution,long dry spells-KMD

Forecast for Eastern climatic zone 2 (includes Muhoroni, Chemelil, Awasi, Sondu, Koru etc)

The outlook for September 2020 indicates that this zone will receive near-average to above-average (enhanced) rainfall. During the first half of September 2020, this zone will experience light to moderate rains over few to many places occasionally increasing to heavy rains over most places. The afternoon/night showers will be accompanied by lightning and thunderstorms. Rainfall will be well distributed with short dry spells. The average day-time and night-time temperatures in September 2020 will be slightly cooler than the temperatures that are normally observed during the month of September. The afternoon day-time temperatures will range between 26° – 29°C with night time lows of 16° to 19°C.

During the second half of September 2020, the rainfall amounts will reduce to light rains over few places occasionally increasing to moderate rains over many places. The second half will experience comparatively longer dry spells. During this period, day-time temperatures will on average have afternoon highs ranging between 27° – 30°C with night time lows of 15° to 18°C.

Advice to farmers from Ministry of Agriculture:




- Consult your local agricultural extension officer for advice on how to plan farming activities in the light of this forecast.

SMS version of the forecast

Kisumu month Sep,2,average-enhanced rain,cooler temp,thunder,Half 1 li/mo rain few/many,fair distribution,short dry spells,Half2 li rain few,poor distribution,long dry spells-KMD

Please use this monthly forecast in conjunction with the weekly weather forecasts for Kisumu County, issued by the County Director of Meteorology

KEY

Rainfall Categories	Rainfall amounts	Rainfall symbols	Rainfall Distribution	Aerial coverage
Light rain	<5 mm		Few places	Less than 33%
Moderate rain	5-20 mm		Many places	33% -67%
Heavy rain	20-50 mm		Most places	More than 67%
Very heavy rain	>50 mm			

For further information, please contact:

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