



REPUBLIC OF KENYA
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WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 20TH TO 26TH SEPTEMBER 2016, SEPTEMBER MONTHLY REVIEW AND THE OCTOBER-NOVEMBER-DECEMBER 2016 SEASONAL FORECAST

REVIEW OF RAINFALL OVER THE LAST WEEK (12TH TO 18TH SEPTEMBER 2016) AND THE PREVIOUS WEEK (5TH TO 11TH SEPTEMBER 2016), REVIEW FOR THE MONTH OF AUGUST 2016 AND THE SEASONAL FORECAST FOR OCTOBER-NOVEMBER-DECEMBER 2016 SHORT RAINS

Last week (12th to 18th September 2016) was drier than the previous week (5th to 11th September 2016). Castle Forest reported the highest weekly rainfall followed by Kangaita Tea Farm and WRMA Kerugoya Stations. MIAD-Kandongu, Njuki-ini West Forest, Gathambi Coffee Factory and Mwea-KALRO Kimbimbi stations all reported no rainfall during last week. The above information is as presented in Table 1 and Figure 1 below.

Table1: Rainfall intensities in order of decreasing wetness during last week (12th to 18th September 2016)

Station No.	Station Name	Last Week	Previous Week
9037115	Castle Forest Station	5.3	6.1
	Kangaita Tea Factory/Farm	3.5	6.1
9037031	Kerugoya WRMA	1.1	6.1
9037112	MIAD-Kandongu	0	0.2
9037140	Njuki-ini Forest station	0	0
9037264	Gathambi Coffee Factory	0	0
9037110	Mwea-KALRO Kimbimbi	0	0

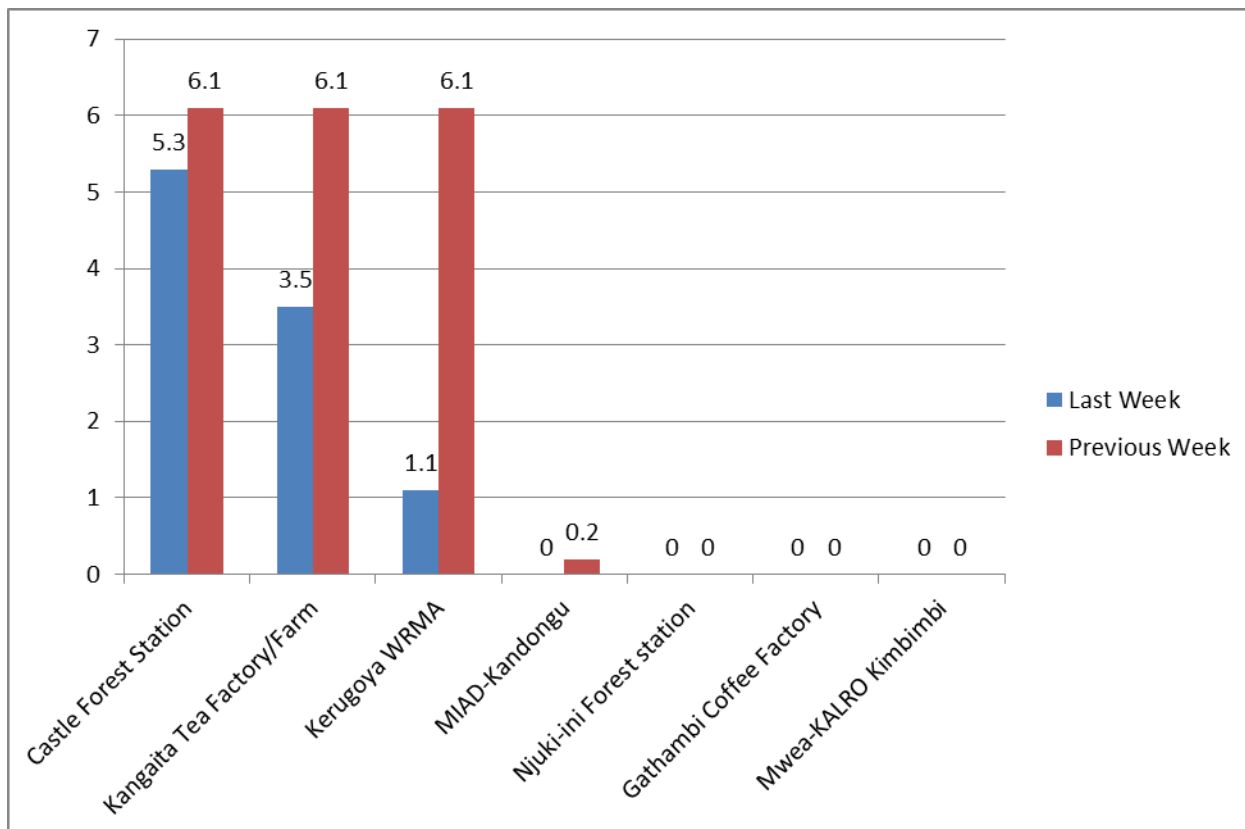


Fig. 1: Rain performance comparison between last week (12th to 18th September 2016) and the previous week (5th to 11th September 2016)

Rains Performance for the Month of August 2016 in Kirinyaga County

The month of August 2016, on average, was drier than normal as it will be seen later. In order of decreasing wetness, Castle Forest station reported the highest monthly rainfall followed by Kangaita Tea Farm, Kerugoya WRMA, Gathambi Coffee Factory, Njuki-ini Forest and MIAD-Kandongu stations. Mwea KALRO Kimbimbi station did not any rainfall during the month os Au. The above information is as shown in Table 2 and Figure 2 below.

Table2: August 2016 Monthly Total Rainfall intensities in order of decreasing wetness

Station No.	Station Name	August 2016 Totals
9037115	Castle Forest Station	113.8
	Kangaita Tea Factory/Farm	92.7
9037031	Kerugoya WRMA	48.3
9037264	Gathambi Coffee Factory	35.7
9037140	Njuki-ini Forest station	8.3
9037112	MIAD-Kandongu	7.8
9037110	Mwea-KALRO Kimbimbi	0

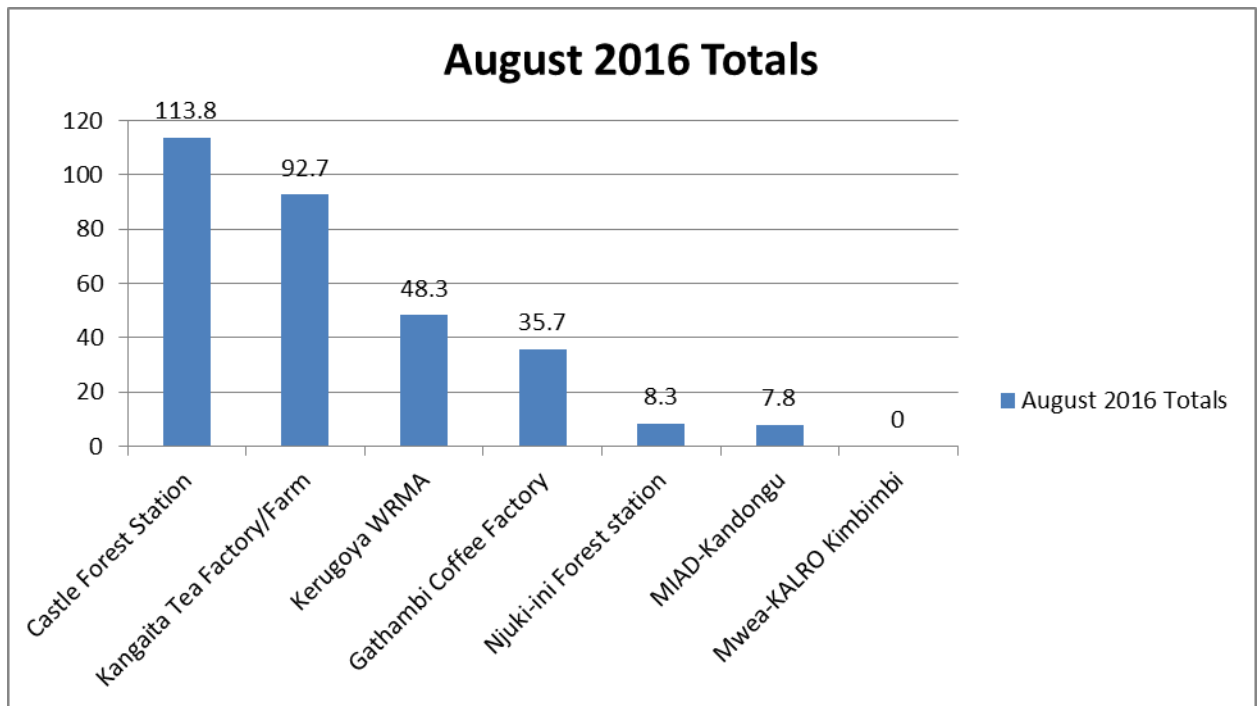


Fig. 2: Rains Performance for the Month of August 2016 in Kirinyaga County

Comparison between the August 2016 monthly totals and the Long Term Means for August in Kirinyaga County

As compared to other months of August during past years, August of 2016 was generally drier than the August average as calculated from previous years. All stations, apart from MIAD-Kandongu, reported less than the long term means. MIAD-Kandongu reported slightly higher than the August LTM. This means that the month of August 2016 received below average rainfall as compared to the average of the other months of August. Table 3 and Figure 3 show the foregoing.

Table 3: Comparison between the August 2016 monthly totals and the Long Term Means for August

Station No.	Station Name	August 2016 Totals	August LTM
9037115	Castle Forest Station	113.8	128.0
9037031	Kerugoya WRMA	48.3	62.6
9037264	Gathambi Coffee Factory	35.7	58.9
9037140	Njuki-ini Forest station	8.3	33.4
9037112	MIAD-Kandongu	7.8	6.3

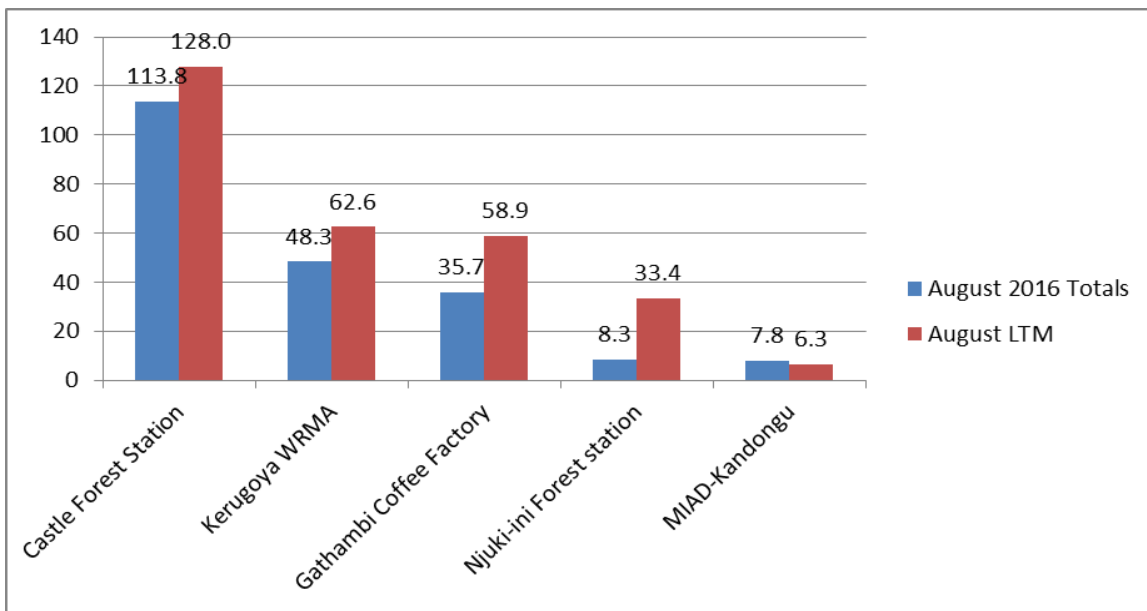


Fig. 3: Rains Performance for the Month of August 2016 as compared to the Long Term Means for August in Kirinyaga County

KIRINYAGA COUNTY OCTOBER-NOVEMBER-DECEMBER 2016 SHORT RAINS FORECAST

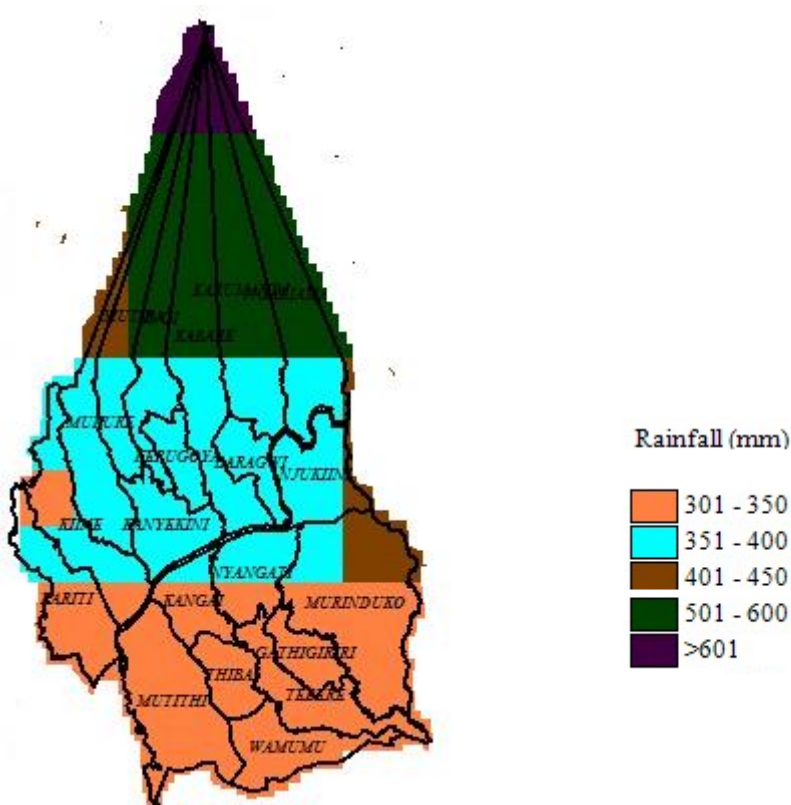


Fig. 4: Kirinyaga County OND 2016 Seasonal Forecast

Table 3: Kirinyaga County OND 2016 Seasonal Forecast

Forecast	Onset(Start of the rains)	Cessation (End of the rains)	Distribution in time and space
A:N:B(25:35:40) Near normal to below normal-slightly depressed rainfall	3rd to 4th week of October 2016	2nd to 3rd week of December 2016	Poor

KIRINYAGA COUNTY WEEKLY FORECAST

FOR THE NEXT SEVEN DAYS

Kirinyaga County is expected to receiving rainfall over few places towards the end of the forecast period.

DAY	MORNING	AFTERNOON/EVENING
TUESDAY 20/9/2016	Sunny intervals in the beginning of the forecast period and light rains towards the end of the forecast period	Mainly sunny intervals in the beginning of the forecast period and showers over few places towards the end of the forecast period
WEDNESDAY 21/9/2016		
THURSDAY 22/9/2016		
FRIDAY 23/9/2016		
SATURDAY 24/9/2016		
SUNDAY 25/9/2016		
MONDAY 26/9/2016		

KEY OF SCIENTIFIC WORDS USED

Most Places: Between 66% and 100% of Kirinyaga County

Several Places: Between 33% and 66% of Kirinyaga County

Few Places: Between 0 and 33% of Kirinyaga County

Weather Link on the County Government of Kirinyaga website is:

<http://kirinyaga.go.ke/weather.html>

You can access the weather products using this link on a smart phone.

O.k.

James Gichuki Gathura

County Director of Meteorological Services