



Date: 31st October 2016

**WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 1<sup>ST</sup> TO 7<sup>TH</sup> NOVEMBER 2016 AND THE OCTOBER-NOVEMBER-DECEMBER 2016 SEASONAL FORECAST**

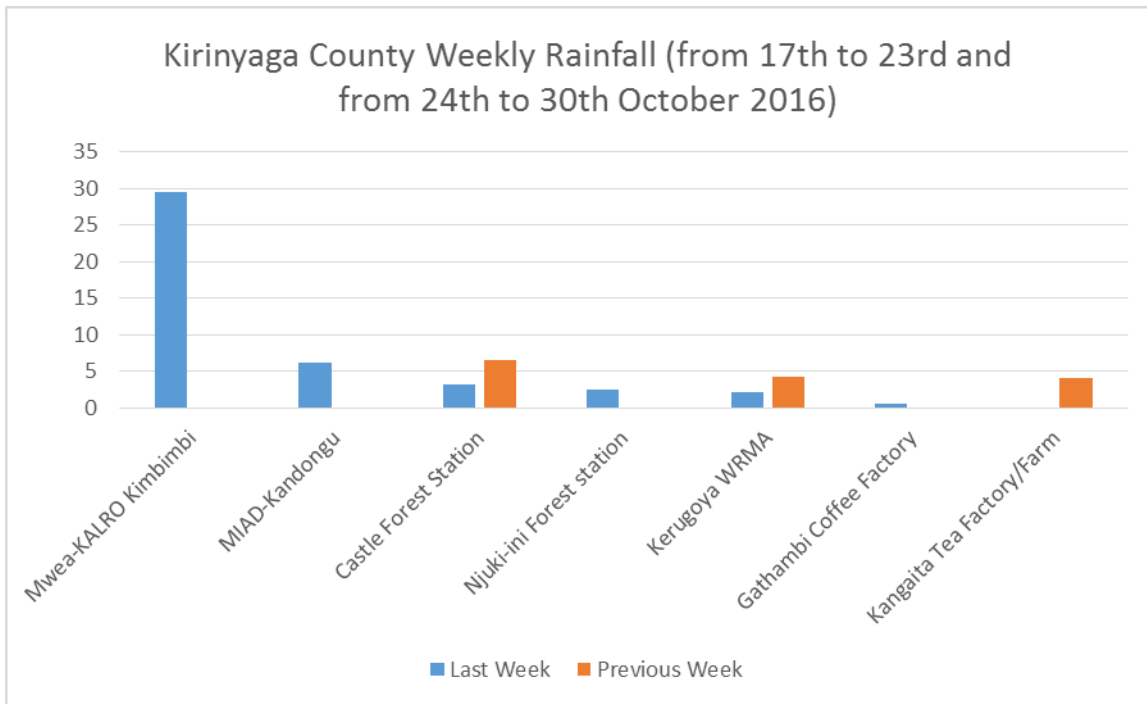
**REVIEW OF RAINFALL OVER THE LAST WEEK (24<sup>TH</sup> TO 30<sup>TH</sup> OCTOBER 2016) AND THE PREVIOUS WEEK (17<sup>TH</sup> TO 23<sup>RD</sup> OCTOBER 2016) AND THE SEASONAL FORECAST FOR OCTOBER-NOVEMBER-DECEMBER 2016 SHORT RAINS**

Last week (24<sup>th</sup> to 31<sup>st</sup> October 2016) is the fourth week of October 2016 and it is the week that Kenya Meteorological Department (KMD) forecasted that the October-November-December rains will start. Therefore we were expecting a wet scenario. True to the foregoing, unlike the previous week (17<sup>th</sup> to 23<sup>rd</sup> October 2016), last week (24<sup>th</sup> to 31<sup>st</sup> October 2016) was wetter and almost all the stations reported rainfall. Only one which reported no rainfall. Only three stations last week which reported rainfall during the previous week. This is a clear indication that the last week was the onset for the OND rains, just as it was forecasted by KMD.

The rain activity during last week was as follows: Mwea-KALRO Kimbimbi Station reported the highest weekly rainfall followed by MIAD-Kandongu, Castle Forest, Njuki-ini West Forest, Kerugoya WRMA and Gathambi Coffee Factory stations. Only Kangaita Tea Farm station that reported no rainfall. The above information is as presented in Table 1 and Figure 1 below.

*Table1: Rainfall intensities in order of decreasing wetness during last week (17th to 23rd October 2016)*

Station No.	Station Name	Last Week	Previous Week
9037110	Mwea-KALRO Kimbimbi	29.6	0
9037112	MIAD-Kandongu	6.1	0
9037115	Castle Forest Station	3.1	6.5
9037140	Njuki-ini Forest station	2.5	0
9037031	Kerugoya WRMA	2.2	4.2
9037264	Gathambi Coffee Factory	0.5	0
	Kangaita Tea Factory/Farm	0	4.1



*Fig. 1: Rain performance comparison between last week (24<sup>th</sup> to 30<sup>th</sup> October 2016) and the previous week (17th to 23rd October 2016)*

## KIRINYAGA COUNTY OCTOBER-NOVEMBER-DECEMBER 2016 SHORT RAINS FORECAST

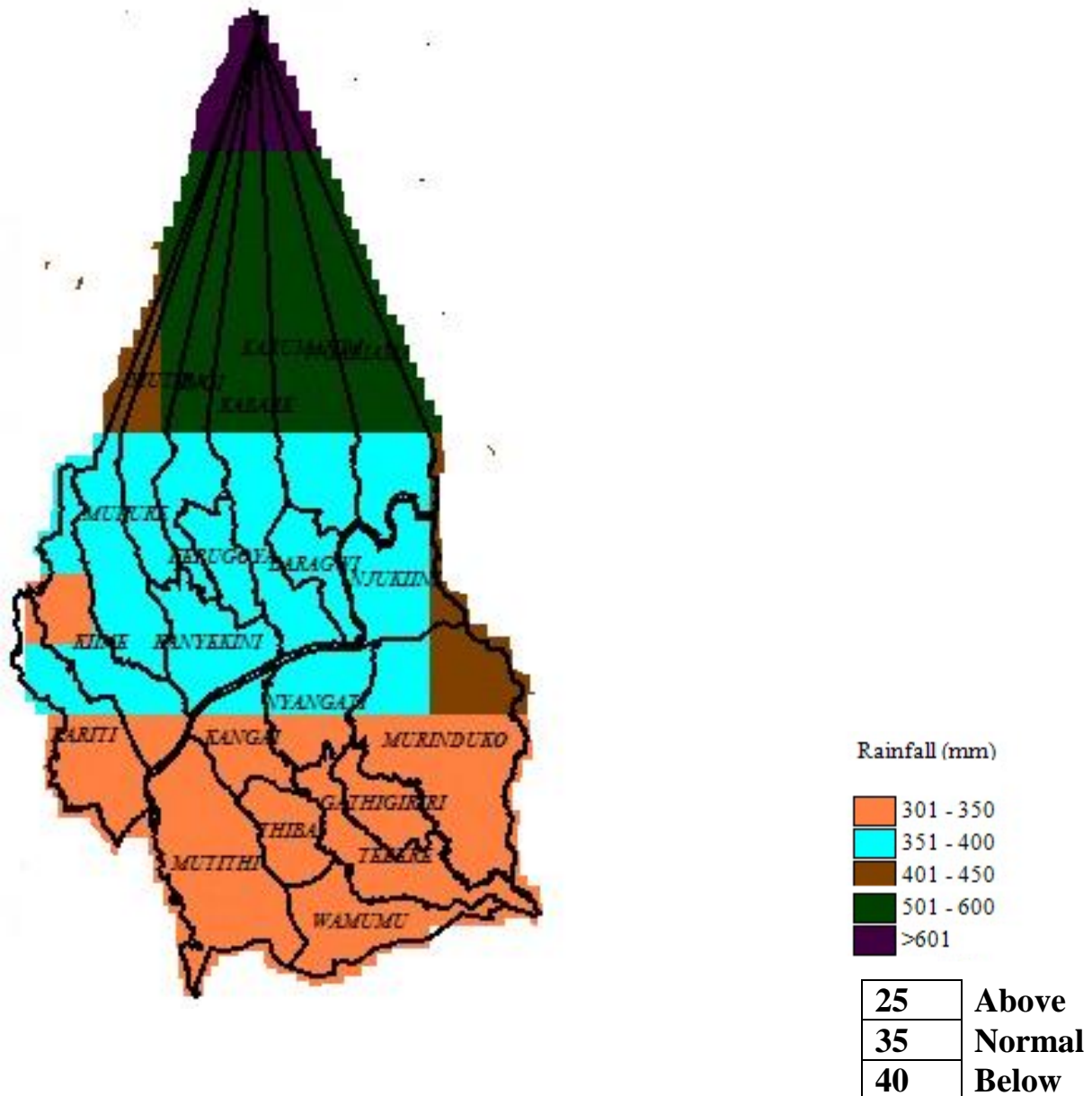


Fig. 2: Kirinyaga County OND 2016 Seasonal Forecast and the percentages of different scenarios. The highest percentage is 40% chances that the rains will be below normal

Table 2: Kirinyaga County OND 2016 Seasonal Forecast

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

# KIRINYAGA COUNTY WEEKLY FORECAST

## FOR THE NEXT SEVEN DAYS

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Several parts of Kirinyaga County are expected to receive rainfall although the intensities may not be very high

<i>DAY</i>	<i>MORNING</i>	<i>AFTERNOON/EVENING</i>
TUESDAY 1/11/2016	Mainly sunny intervals with rains over few places	Sunny intervals with showers over several places
WEDNESDAY 2/11/2016		
THURSDAY 3/11/2016		
FRIDAY 4/11/2016		
SATURDAY 5/11/2016		
SUNDAY 6/11/2016		
MONDAY 7/11/2016		

### 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.

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