


- Upper zone (chuka & Maara sub-counties) expected to receive Near-Normal rainfall. Lower zone (lower igambang'ombe ,tharaka-south &North sub-counties expected to receive below normal rainfall)
- Distribution is expected to be poor in both time and space in all the zones.
- Cessation expected to be in the 2nd to 3rd week of December(Early cessation expected).
- Seasonal update will be provided by KMD if the above predictions (amount, onset, cessation) changes.
- There will also be weekly and monthly weather updates from the KMD.
- Updates can be obtained from KMD website, SMS and Muuga FM Radio (Radio dates to be communicated).

3. AGRONOMIC ADVISORIES


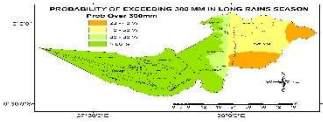
3.1 OND 2021 PSP AGREED AGRO-WEATHER ADVISORIES FOR UPPER AND MIDDLE ZONE

The OND 2021 advisories for upper and Middle zone are summarized in this Bronchure.

THARAKA-NITHI COUNTY OND 2021 PSP AGRO-WEATHER ADVISORY FOR UPPER & MIDDLE ZONE –Probable impacts-Areas of Maara/chuka/W.parts of igambang'ombe subcounties(chogoria,ganga,Mwimbi,karingani,Magumoni , Mugwe,Mariani,Ituguru,and Kamwimbi)		
	Recommendations	Responsibility
Advisory for maize and beans	<ol style="list-style-type: none"> 1. Maintain recommended varieties of food crops- Early maturing(model crops-Maize-Duma43,Sungura,DH02 and Beans-KATB1,KATX56,Nyota) 2. Use recommended fertilizers N.P.K.23.23.0 for planting & CAN for top dressing 3. Early preparation of land and planting 	Farmers,County Department of agriculture,KCEP-CRAL,NDMA,KMD. 
Opportunities	Water harvesting and storage as a back up plan especially the pick month of November.(Early cessation & poor distribution expected December)	Farmers, County Department of agriculture, KCEP-CRAL.
Other advisories	<ol style="list-style-type: none"> 1. Preparedness with the right pesticides Emaron / Profen & Escort. 2. Use of integrated pest management systems and 	Farmers, County Department of agriculture, KCEP-CRAL, KMD, Pests control Board.

	<p>other bio-chemicals & continuous monitoring and reports to relevant bodies.</p> <ol style="list-style-type: none"> 3. Prepare land early 4. Practice the following conservation agriculture methods, tilling and manuring repair of soil and water conservation structures 	
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3.2 OND 2021 PSP AGREED AGRO-WEATHER ADVISORIES FOR LOWER ZONE

THARAKA-NITHI COUNTY OND 2021 PSP AGRO-WEATHER ADVISORY FOR LOWER ZONE –possible impacts-Areas of Tharaka- South ,Tharaka-North Sub-counties(Chakariga,Marimanti,Nkondi Mukothima,Gatunga wards)		
	Recommendations	Responsibility
Advisory for sorghum and greengrams	<ol style="list-style-type: none"> 1. Maintain drought resilient crops (ie sorghum (Gadam/KARI Mtama 1)and green grams N26/ Biashara,KS20). 2. Early preparation of land. 3. Timely agronomical practices such as early planting, top dressing (CAN), harvestin, storage etc 4. Basal fertilizer.N.P.K 23.23.O for sorghum 	<p>Farmers, County Department of agriculture, KCEP-CRAL, NDMA, KMD,</p> 
Opportunities	<ol style="list-style-type: none"> 1. Conserve water during November pick rainfall month 2. Apply irrigation when necessary. 	<p>Farmers, County Department of agriculture, KCEP-CRAL, KMD, NDMA.</p> 
Other Advisories.	<ol style="list-style-type: none"> 1. Maintain drought tolerant crops (sorghum, Millet, and Greengrams) 2. Apply proper agronomical practices such mulching. 3. Conserve water during November pick rainfall month 4. Apply irrigation when necessary. 5. Preparedness with the right pesticides . 	<p>Farmers, County Department of agriculture, KCEP-CRAL, KMD, Pests control Board.</p>