MINISTRY OF NATURAL RESOURCES, ENERGY AND MINING



Department of Climate Change and Meteorological Services

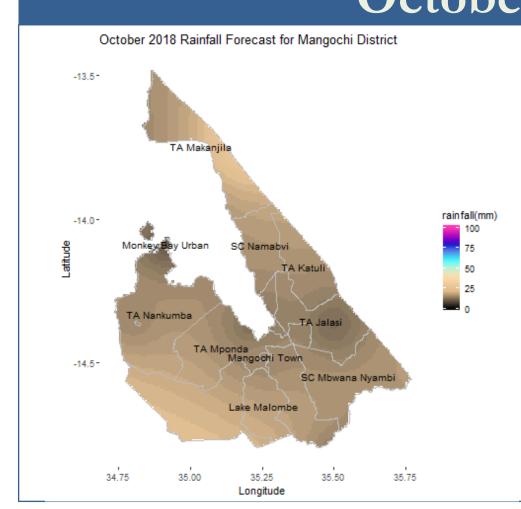
MANGOCHI DISTRICT DOWNSCALED SEASONAL FORECAST, 2018-2019



Overview of 2018/19 Rainfall Season

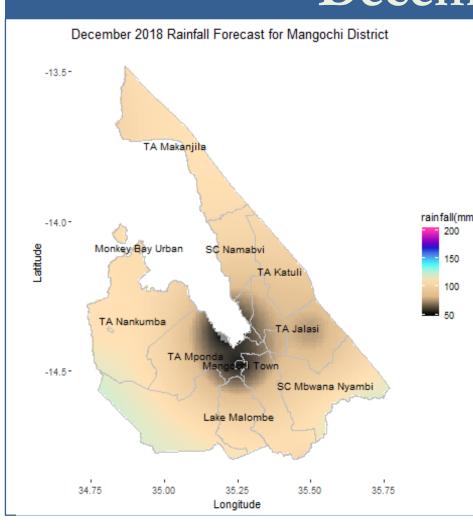
The 2018-2019 seasonal rainfall forecast is expected to be influenced by evolution of seas surface temperatures from neutral to El Nino conditions in the central equatorial pacific Ocean. Mangochi district is therefore expected to receive generally normal rainfall amounts with some pockets of dry spells.

October 2018



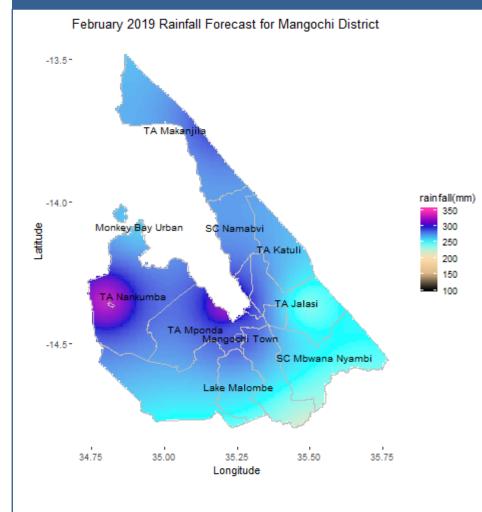
During the month of October, many places in Mangochi are likely to receive rainfall amounts below 20mm. Southern areas of TA Makanjira and Lake Malombe will be relatively wetter than all the other areas.

December 2018



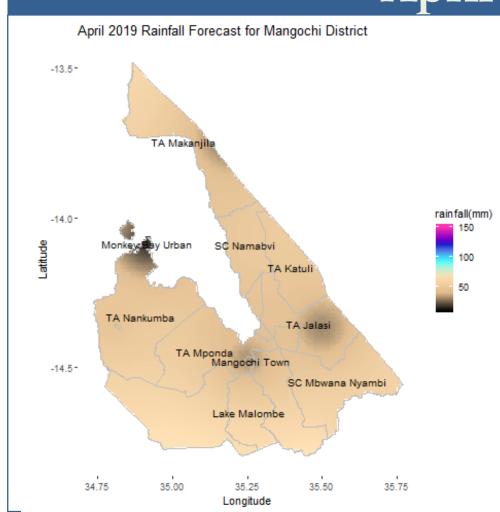
In TA Mponda, Katuli, Jalasi and SC Namabvi some areas are likely to receive rainfall mounts less than 70mm while the others TAs are likely to receive rainfall amounts between 70-120mm.

February 2018



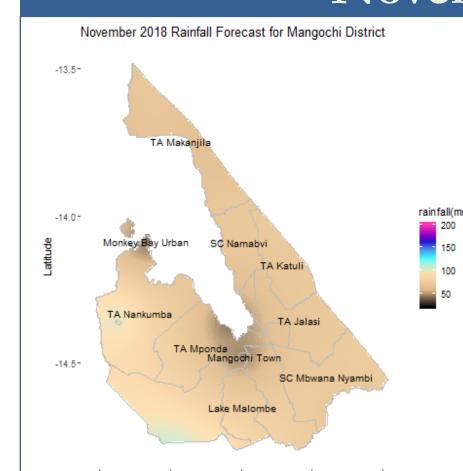
The northern areas of Mangochi will be very wet during February. Pockets of rainfall less than 250mm are expected in TA Jalasi, SC MbwanaNyambi and south of Mangochi Town. Dry spells of 10-25mm are also expected in some areas.

April 2018



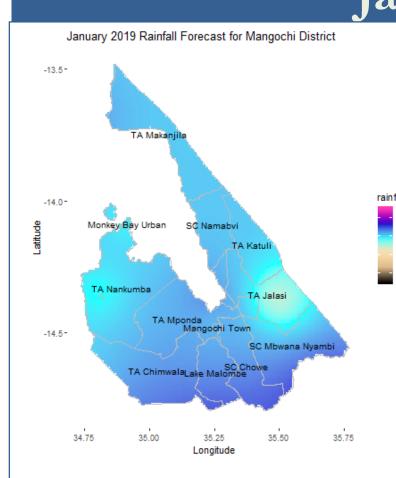
During April most of the district will receive rainfall amounts less than 25mm. The driest areas are expected to be Monkey bay, Mangochi town, some parts of TA Makanjira and TA Jalasi.

November 2018



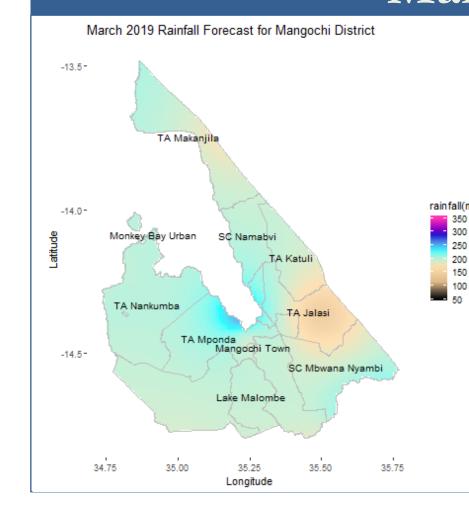
During November, less than 100mm is expected across the district except for TA Mponda, Mangochi Town and Makanjira where less than 50mm of rainfall amounts is likely to be received.

January 2019



January will receive rainfall in between 200-300mm. More rainfall is expected to the southern part of the district while some areas in TA Jalasi and TA Namkumba will have pockets of rainfall below 200mm. There is high likelihood of 11-15days dry spells in some areas during

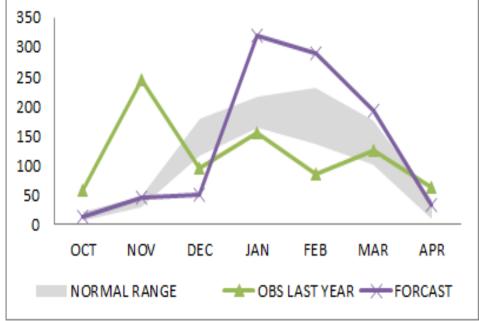
March 2018



March, will likely receive rainfall between 100-250mm. Most rainfall is expected around Monkey bay while TA Jalasi, some areas of TA Katuli and Makanjira will have pockets of less rains.

Rainfall onset for Mangochi is likely to be normal. The start will be between 25th November to 15th December. Cessation is expected to between 27th March to 10 April. The total likelihood of the seasonal length is expected to be 120days. The table and figure below shows monthly rainfall distribution for the season with a normal band in grey

Mangochi				
MONTH		NORMAL	OBS LAST	FORCAST
OCT	5.5	21.8	58.0	13.7
NOV	33.4	68.3	302.8	59.4
DEC	149.4	245.7	396.7	110.0
JAN	312.6	460.5	551.7	428.4
FEB	448.2	690.2	637.7	717.0
MAR	548.6	866.7	762.3	910.0
ΔPR	558.5	908 1	825.8	941 5



FOR MORE INFORMATION:

