

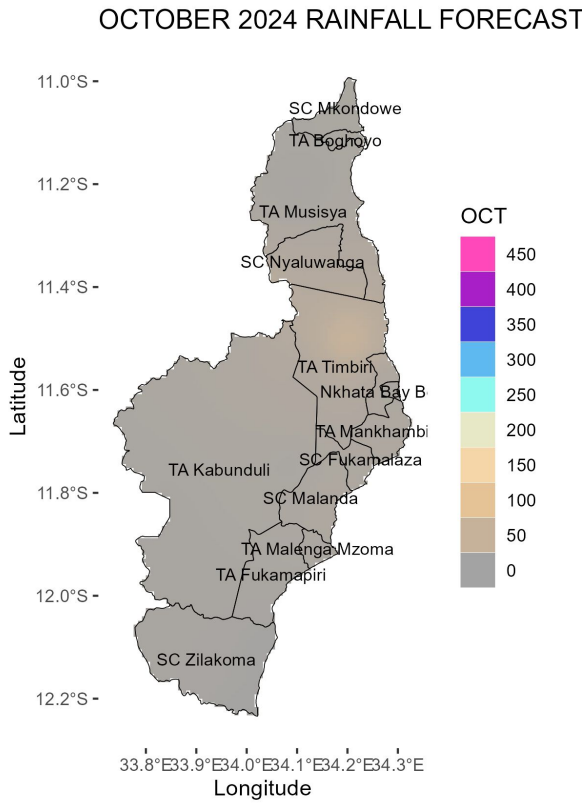


Overview of 2024/2025 Rainfall Season

The 2024-2025 rainfall season is expected to be influenced by a weak La Nina. La Nina is the unusual cooling of ocean waters over the eastern-central equatorial Pacific Ocean.

Nkhata Bay is forecasted to receive **normal to above normal** rainfall. However, there is chance of **below normal** rainfall during November.

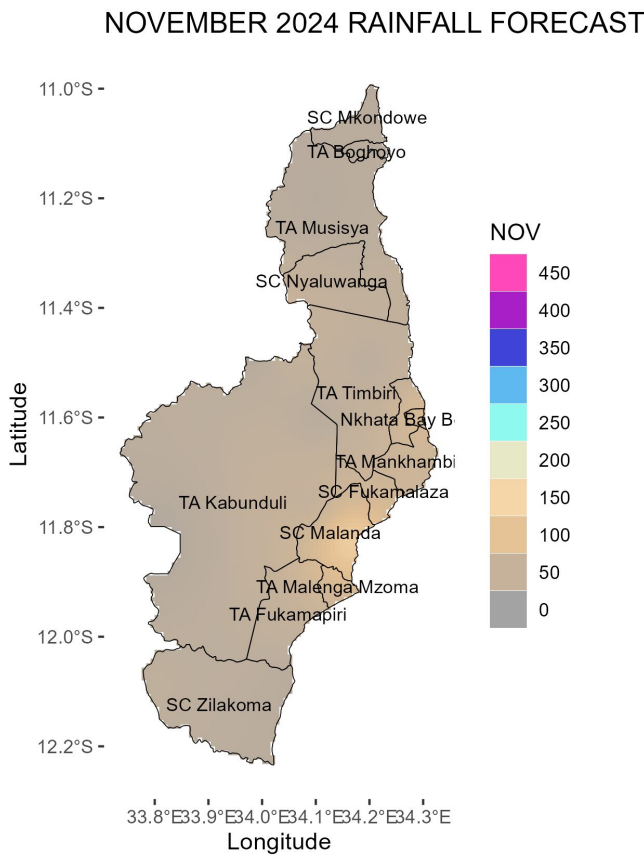
October 2024



October is expected to be a hot and a dry month in Nkhata Bay.

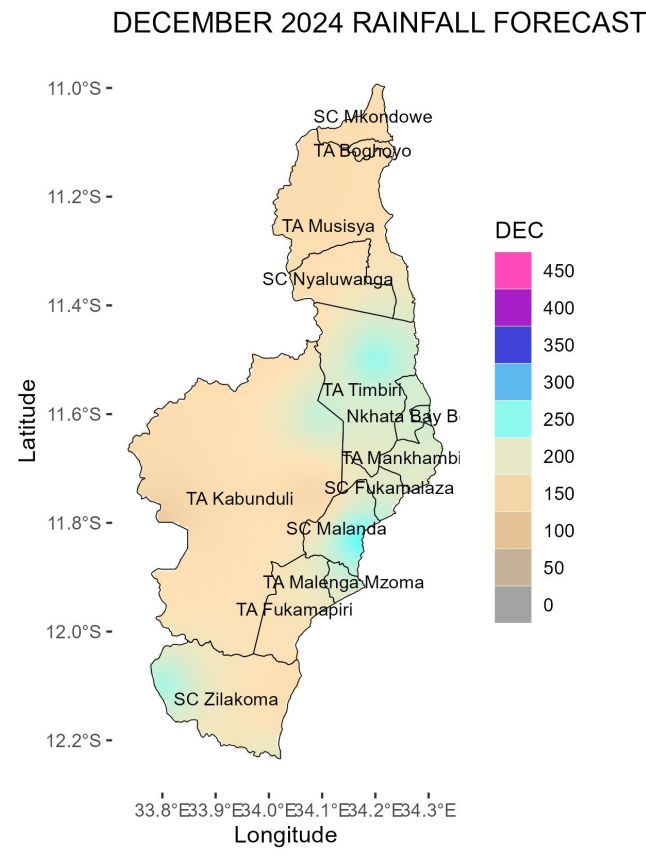
However, the forecast suggests the chance of *Chizimalupysa* rains that may occur in some areas of the district.

November 2024



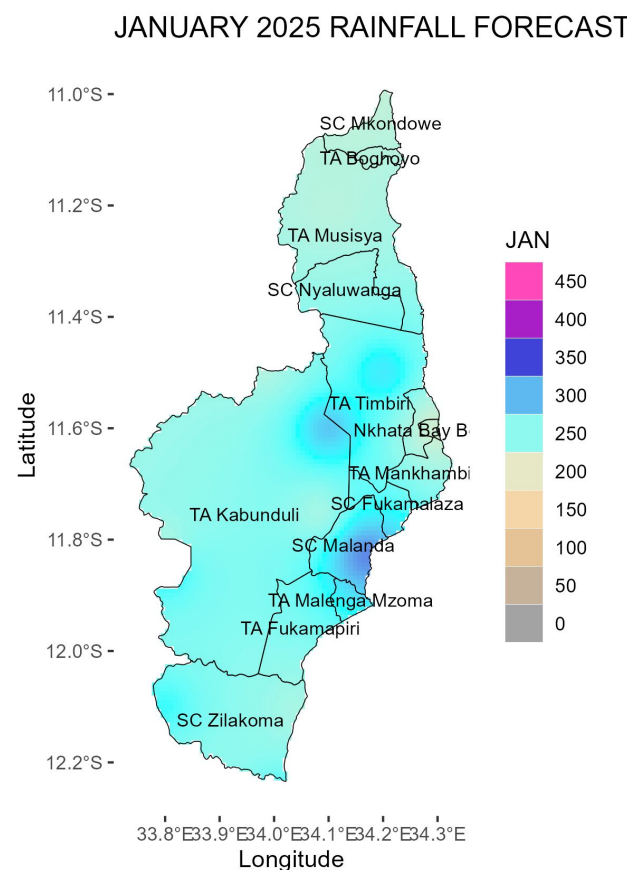
Below normal rainfall amounts are expected during this month . Generally dry and hot weather conditions are expected; however occasional Chizimalupsya, gusty winds and lightning associated with thunderstorms can be expected. The isolated thunderstorms events are likely to result in monthly rainfall totals between 50mm to 100mm in some areas, especially those along the lakeshore.

December 2024



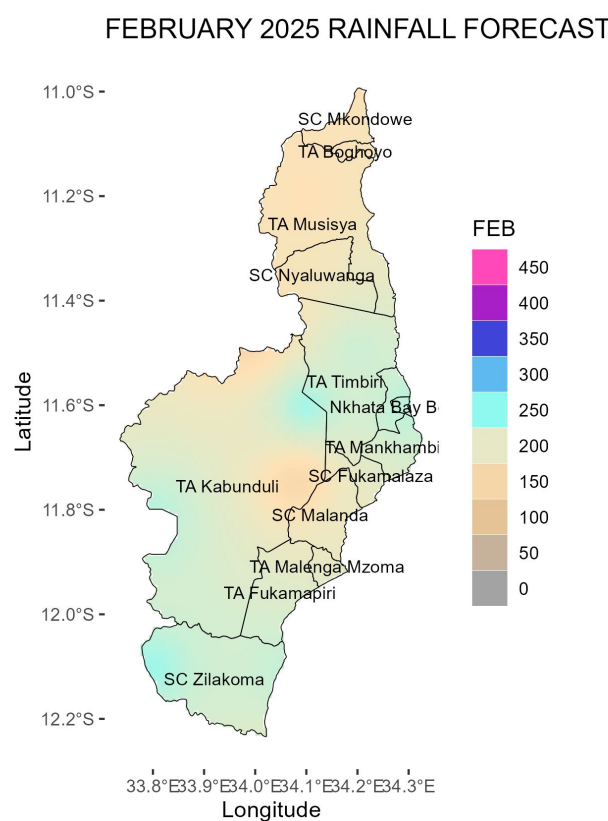
In December, most areas of Nkhata Bay are likely to receive normal to above rainfall amounts ranging between 150mm-200mm. Areas around TA Timbiri and SC Malanda are expected to receive more rainfall reaching up to 250mm.

January 2025



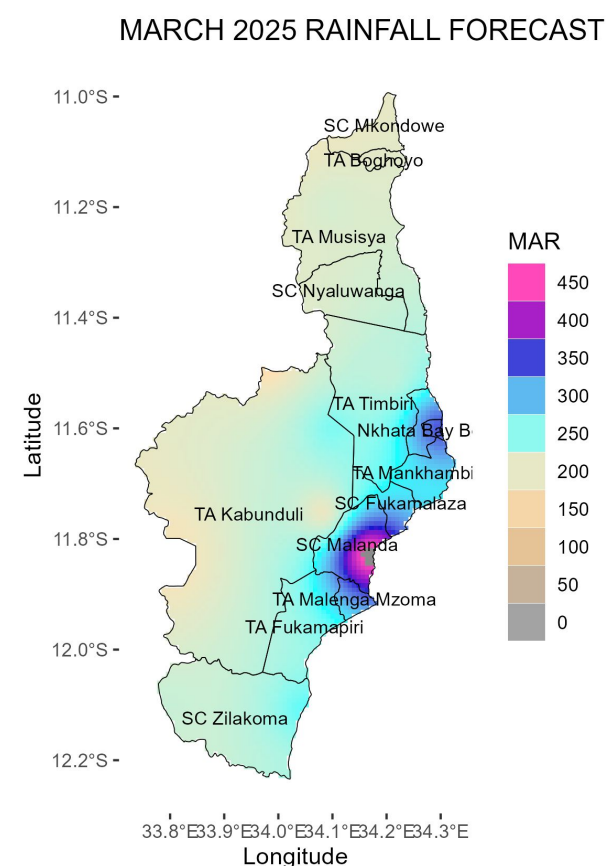
The month of January is expected to be very wet across the district. Most areas such as TA Fukamapiri, TA Timbiri, TA Kabunduli, and TA Boghoyo are expected to receive rainfall exceeding 250mm.

February 2025



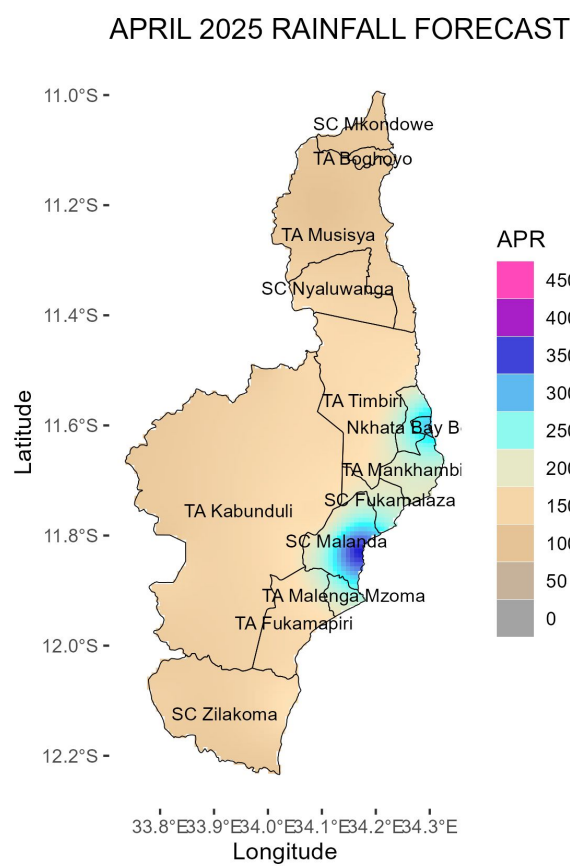
Normal to above rainfall situation is expected to continue in February. Rainfall amounts are expected to range from 150 mm to 200 mm in areas such as TA Malenga Mzoma, SC Nyaluwanga, and TA Mankhambi. The amounts may exceed 200 mm in other areas such as in SC Zilakoma.

March 2025



Rainfall is expected over many areas in March. Highest rainfall amounts are expected in areas close to the lake such as Boma and SC Malanda

April 2025

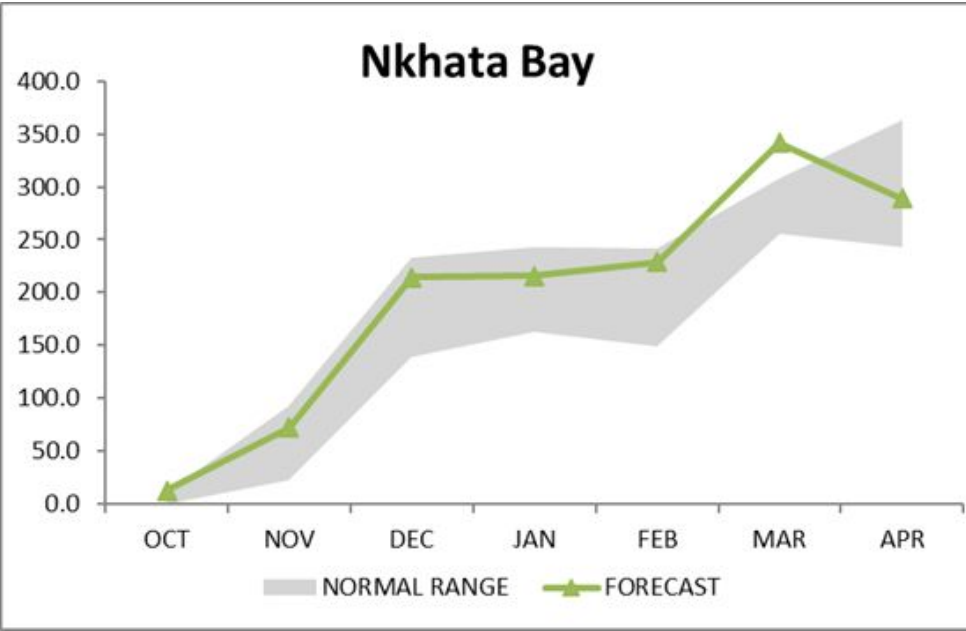


Most areas are likely to receive above normal rainfall, in the ranges of 100mm and 150mm. Some areas close to the lake will receive in excess of 250mm.

- Onset rains are likely to delay and expected from the **third and fourth week of December**.
- A late **cessation** is expected from the **fourth week of April**.
- Season length is expected to range from 119 to 158 days. However, some areas may have a much shorter than 119 days season length.
- The risk of prolonged dry spells is low.

The table and figure below show monthly rainfall distribution for the season with a normal band in grey.

NKHATABAY			
MONTH	NORMAL RANGE	FORECAST	
OCT	0.3	10.7	12.5
NOV	23.0	93.1	72.0
DEC	139.0	232.7	214.8
JAN	162.8	243.5	215.9
FEB	149.2	242.2	228.6
MAR	255.0	308.2	341.8
APR	243.2	362.9	289.1



The forecast will be updated in December 2024

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