



MINISTRY OF FORESTRY AND NATURAL RESOURCES

DEPARTMENT OF CLIMATE CHANGE AND METEOROLOGICAL SERVICES



NTCHISI DISTRICT DOWNSCALED SEASONAL FORECAST, 2021-2022

OVERVIEW OF 2021/2022 RAINFALL SEASON

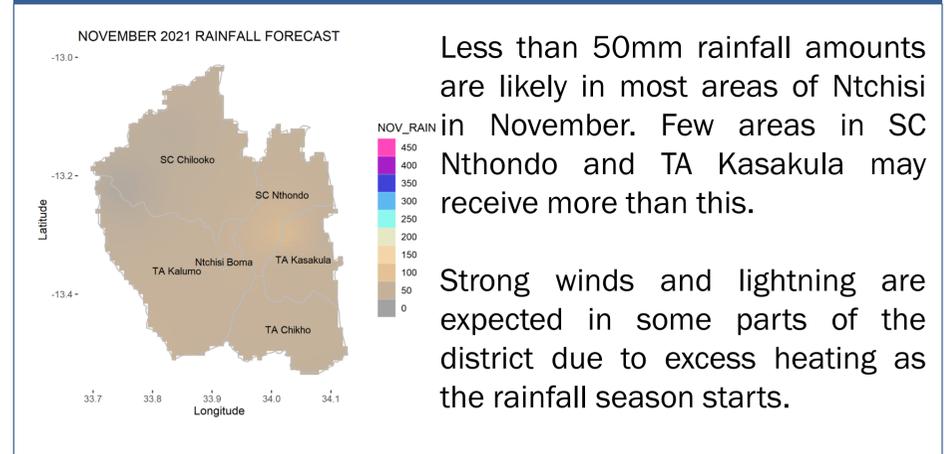
The 2021-2022 rainfall season is expected to be influenced by weak La Nina in Malawi. La Nina is the unusual cooling of ocean waters over eastern-central equatorial Pacific Ocean.

Ntchisi District is expected to receive generally normal to above rainfall amounts during the 2021/2022 rainfall season.

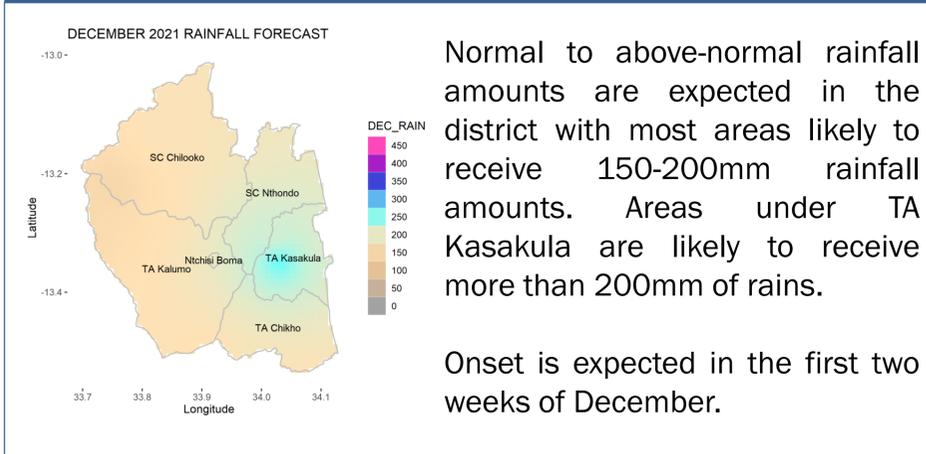
October 2021



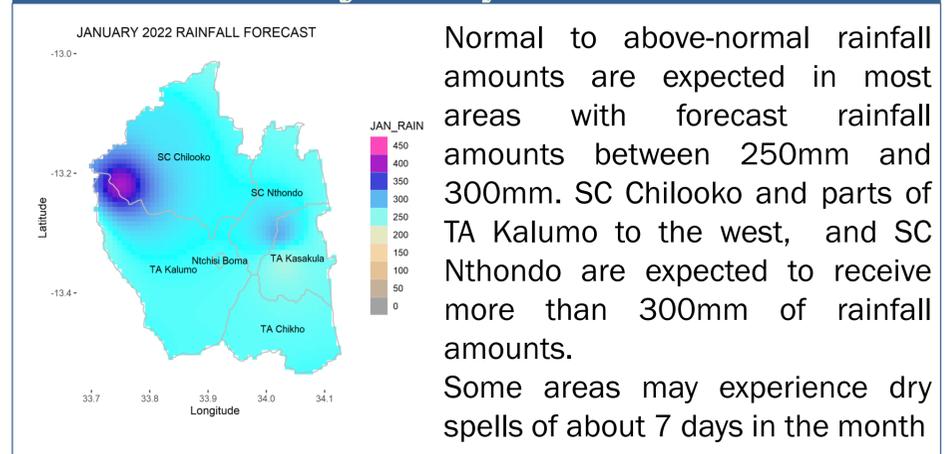
November 2021



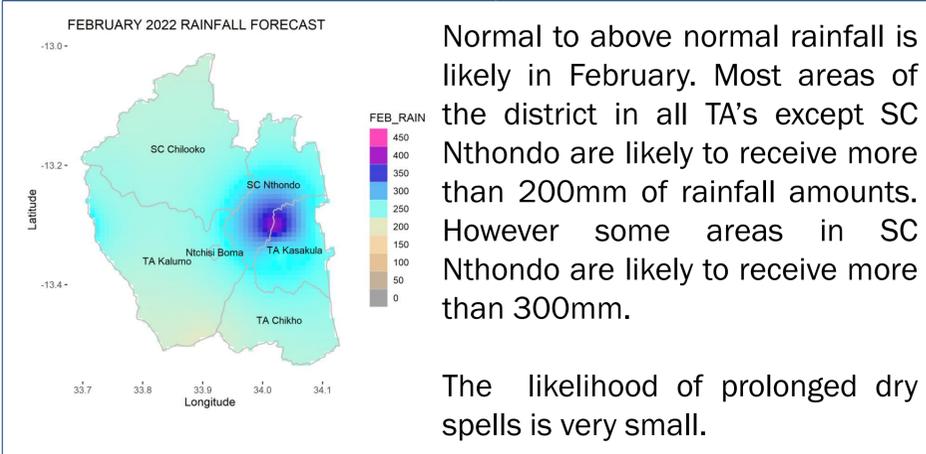
December 2021



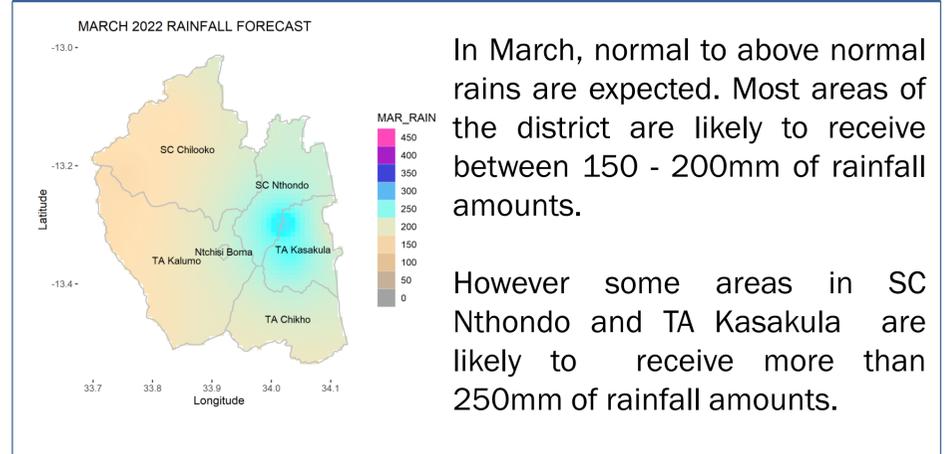
January 2022



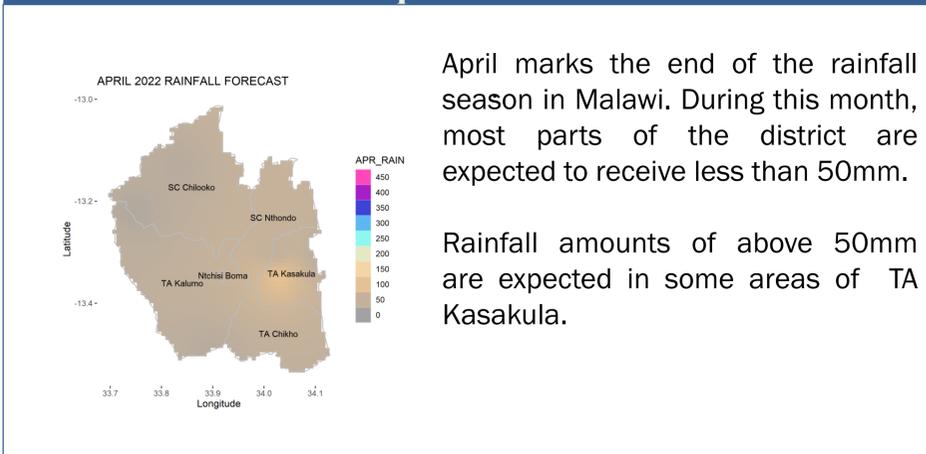
February 2022



March 2022



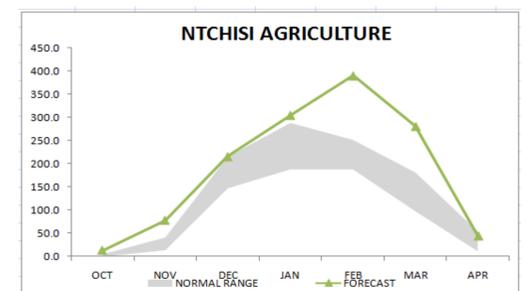
April 2022



The rainfall onset for Ntchisi district is expected between first and second week of December 2021, but will be earlier in some parts of the district. Cessation is expected between first and second week of April 2022. Dry spells of about 7 days may be experienced in January in some areas of the district. The seasonal length for the district is expected between 110 - 125 days.

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

| NTCHISI AGRICULTURE | | |
|---------------------|--------------|----------|
| MONTH | NORMAL RANGE | FORECAST |
| OCT | 0.0 | 5.0 |
| NOV | 13.85 | 41.00 |
| DEC | 147.43 | 214.85 |
| JAN | 188.0 | 287.6 |
| FEB | 188.15 | 251.17 |
| MAR | 98 | 181 |
| APR | 11.47 | 54.03 |



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