

REPUBLIC OF ZAMBIA

Ministry of Transport, Works, Supply and Communications  
**METEOROLOGICAL DEPARTMENT**

# **2012/13 SEASONAL RAINFALL FORECAST FOR ZAMBIA**

Issued by  
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## **GENERAL SITUATION**

The 2012/2013 rainy season generally indicates a likelihood of most parts of Zambia receiving normal rainfall.

## **OUTLOOK**

### **THE PERIOD OCTOBER, NOVEMBER AND DECEMBER (OND) 2012**

The Southern parts of Western and Southern Provinces as well as the north eastern parts of Muchinga Province are likely to receive normal to below normal rainfall. However, the rest of Zambia has a high chance of receiving normal rainfall.

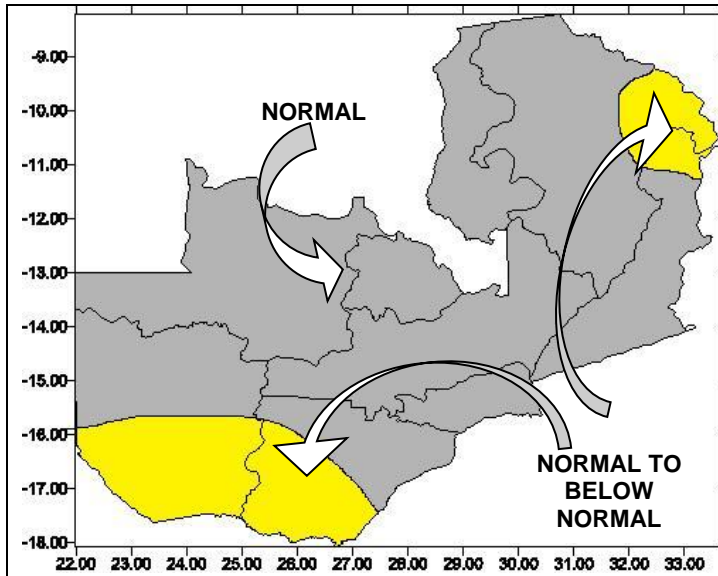
### **THE PERIOD JANUARY, FEBRUARY AND MARCH (JFM) 2013**

Southern and Lusaka Provinces, including the southern parts of Western and Central Provinces have an increased chance of receiving normal rainfall. The rest of Zambia is likely to receive normal to above normal rainfall.

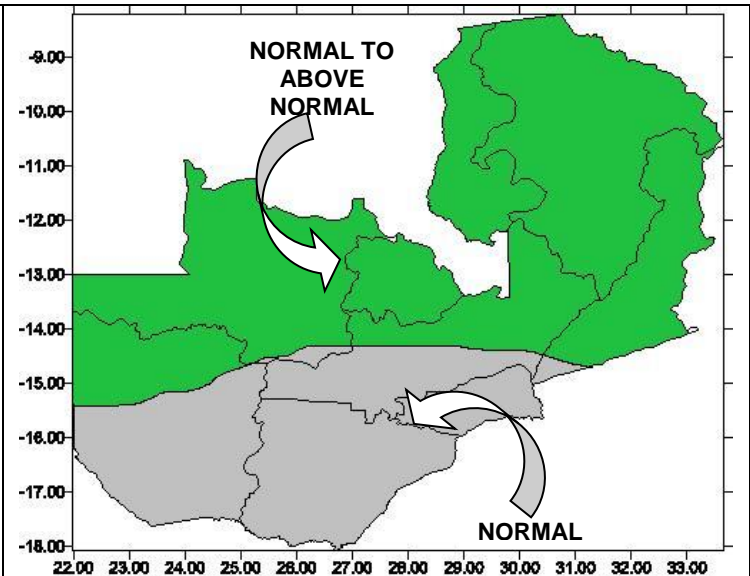
## **N.B.**

<b>ABOVE NORMAL:</b>	Rainfall greater than 125% of the period 1961 to 2011(OND) and 1961 to 2012(JFM)
<b>NORMAL:</b>	Rainfall between 75% and 125% of the period 1961 to 2011(OND) and 1961 to 2012(JFM)
<b>BELOW NORMAL:</b>	Rainfall less than 75% of the period 1961 to 2011(OND) and 1961 to 2012(JFM)

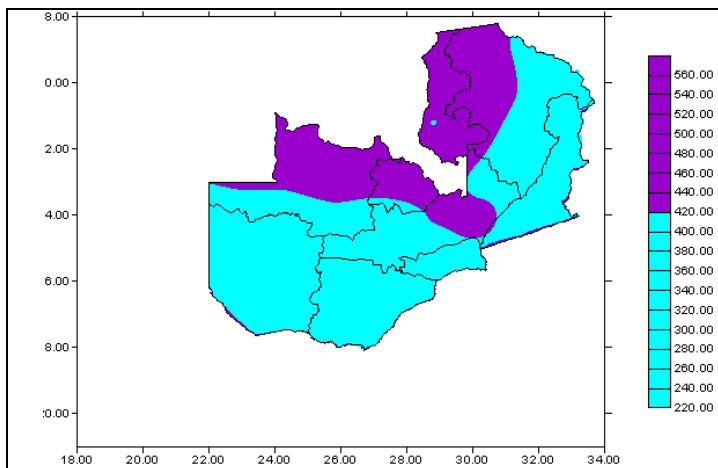
Please note that this forecast is for **planning** purposes and is based on **three monthly averages** and does not necessarily reflect the **monthly rainfall distribution**. Users of this forecast are therefore advised to contact the Director, Zambia Meteorological Department (ZMD) for interpretation and updates of the forecast. In addition, users are advised to make use of the daily and the 10 day weather forecasts for **management** purposes.



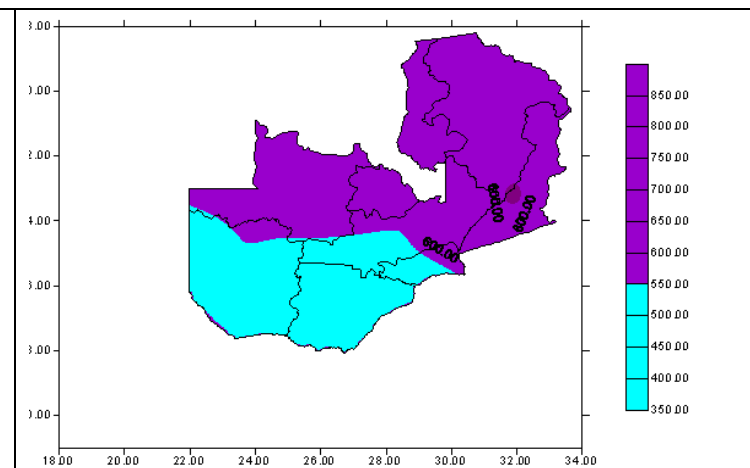
**Fig 1. Rainfall Forecast for October-November-December (OND) 2012**



**Fig 2. Rainfall forecast for January-February-March (JFM) 2013**



**Fig 3. Mean Rainfall for OND (1961-2011)**



**Fig 4. Mean Rainfall for JFM (1961-2012)**

**IMPLICATIONS OF THE 2012/13 SEASONAL RAINFALL FORECAST**

In areas where the forecast indicates normal to above normal rainfall, episodes of flash floods are likely to occur. Similarly, in areas expected to receive normal to below normal rainfall, dry spells are likely to occur.