



Rainfall Summary for March

Burma was classified as Dry (D) for the month of March, with a sum of 73.3mm (2.8 in) of rainfall with 9 rain-days. The highest one-day rainfall total was recorded on March 20, 2018 with a value of 27.2mm (1.0 in). For the same period in 2017, 134.5mm (5.2 in) of rainfall was recorded at the station with 12 days of rain. The daily distribution of rainfall is represented below (Fig 1).

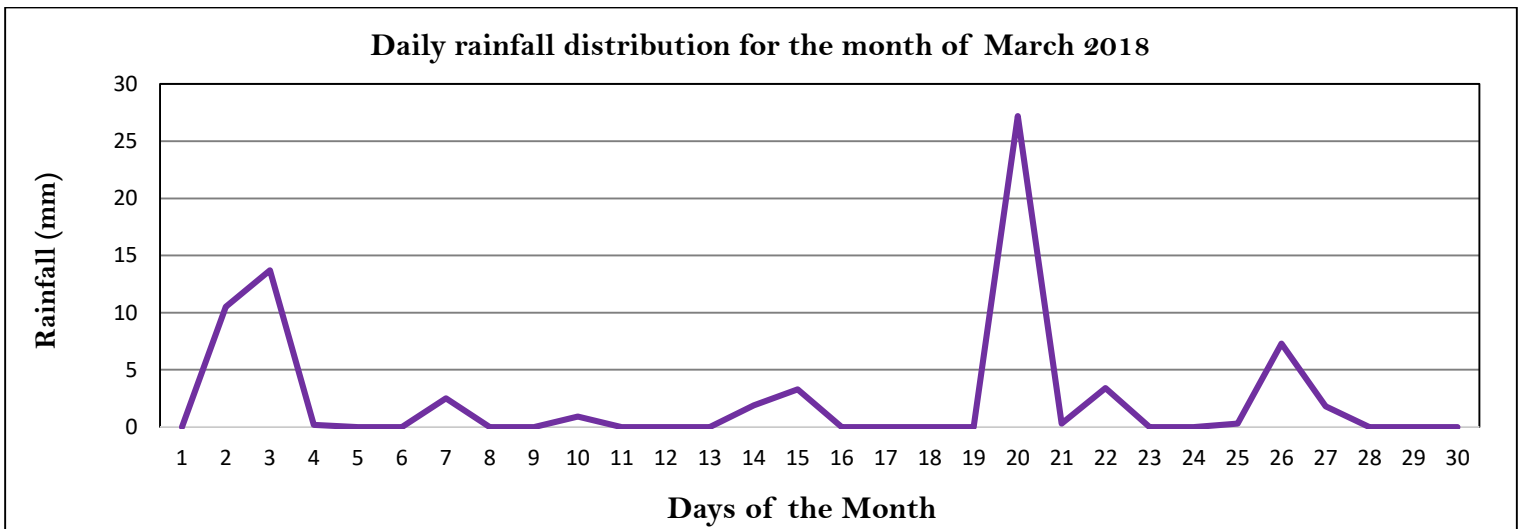


Fig 1: Daily rainfall distribution for the month of March

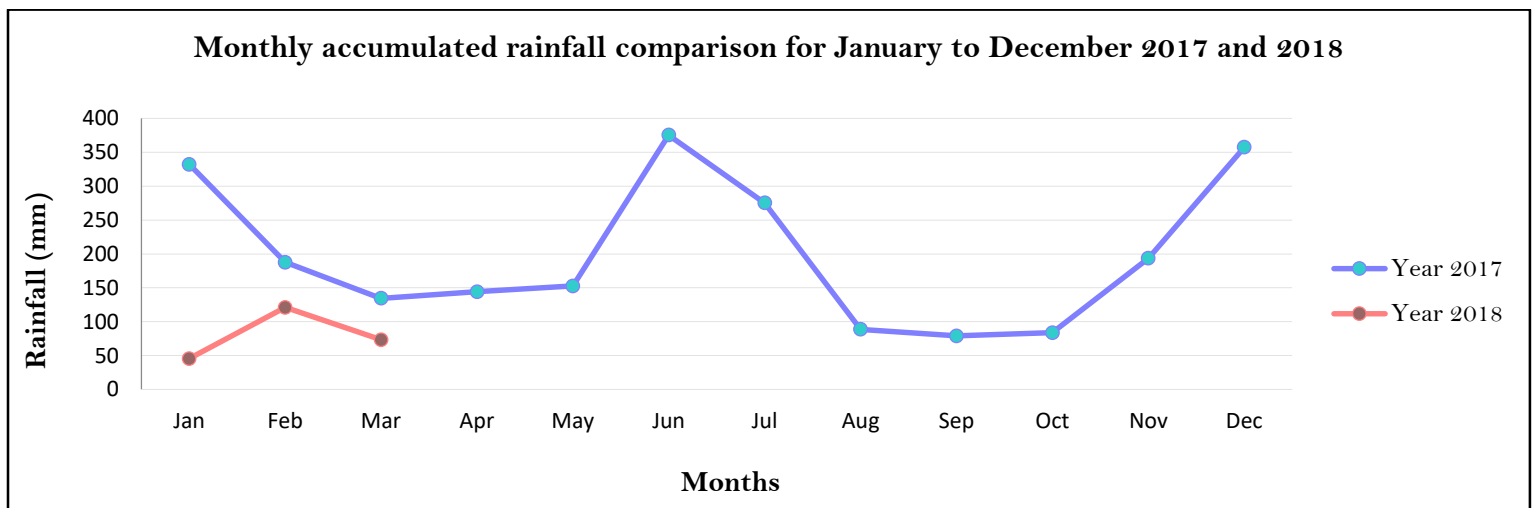


Fig 2: Monthly accumulated rainfall comparison for January to December 2017 and 2018

In figure 2 it can be observed that the January to March of 2018 has recorded less rainfall when compared to the same period of 2017. Analysis has revealed that for the same period in 2017, 414.8 mm (**16.3 in**) more rainfall was recorded at the station.

Comparison of the Long-Term Average and Accumulated Rainfall Total for 2018

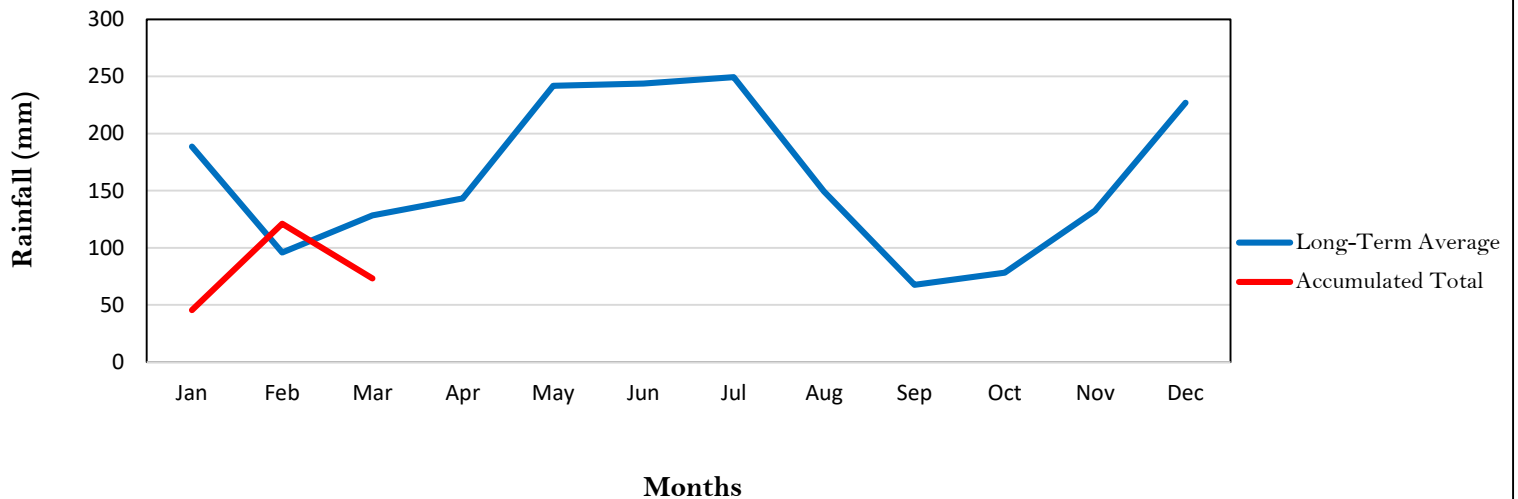


Fig 3: Comparison of the Long-Term Average and Accumulated Rainfall Total for 2018.

In figure 3 it can be observed that March of 2018 has recorded less rainfall when compared to the Long-Term Average of the station.

April to June 2018 Seasonal Outlook (AMJ)

For the period (AMJ) near-normal rainfall is anticipated. Additionally, by mid to the end of April a transition into the primary rainfall season is expected. Therefore, from mid-April the probability of having wet spell periods (consecutive days with rainfall) will increase. More frequent downpours are anticipated. Also, cooler than normal daytime and warmer than normal night-time temperatures have been predicted for the AMJ season.

Normal monthly Rainfall for Burma for the AMJ Season (Using the recommended normal period of 1981 -2010).

April	May	June
143.3 (5.6 in)	241.7 (9.5 in)	243.7 (9.6 in)

Average number of days with rainfall more than or equal to 1mm (rain-day) for Burma based on data from 2003 – 2016.

April	May	June
12	19	18

Average number of days with rainfall more than or equal to 5mm (wet day) for Burma based on data from 2003 – 2016.

April	May	June
7	13	12

Average Air temperature for the month of April based on data from 2005-2016.

- Average minimum temperature for April: **24.1°C.**
- Average maximum temperature for April: **30.1°C.**

Average Relative Humidity for the month of April based on data from 2005-2016.

- Average minimum Relative Humidity for April: **74%**
- Average maximum Relative Humidity for April: **79%**

Average number of sunshine hours for the month of April based on data from 2005-2016.

- April average daily sunshine= **5.9 hours**

Average soil temperature for the month of April based on data from 2005-2016.

➤ **Soil Temperature at 5 cm depth**

Maximum 5 cm	Average 5 cm	Minimum 5 cm
29.1 °C	27.2°C	25.5°C

➤ **Soil Temperature at 10 cm depth**

Maximum 10 cm	Average 10 cm	Minimum 10 cm
29.6°C	27.6°C	25.9°C

➤ **Soil Temperature at 20 cm depth**

Maximum 20 cm	Average 20 cm	Minimum 20 cm
29.3°C	28.4°C	27.4°C

Drought Outlook for the April – June Season 2018

Currently, there is no long-term drought concern for Burma. Further, the transition into the primary rainfall season by the end of April is expected to bring relief to areas of concern.

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