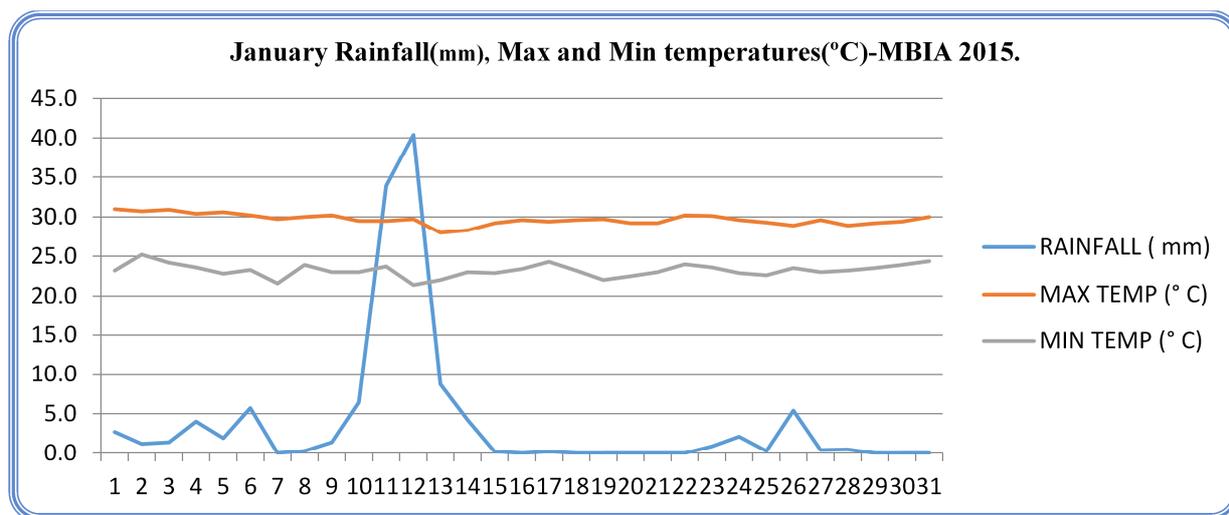




## Grenada's January Agro-Met Report, 2015



In January, 122.2mm of rainfall was recorded, making it the fifth (5<sup>th</sup>) highest total over the 30years of data collection at the Maurice Bishop Airport. Two significant 24hour rainfall period occurred on the 11<sup>th</sup> and 12<sup>th</sup> respectively in which 33.9mm and 40.4mm of rainfall was recorded. Low level convergence was mainly responsible for the rainfall. There were 19days with rainfall below 10.0mm, 8days with no rainfall at all and only 2days with a trace.



*Graph for January 2015 showing rainfall (mm), Max and Min temperatures (°C)*

Mean daily temperatures for January 2015, was 0.4°C higher than that of January 2014, reaching a mean of 26.4°C. The mean maximum and minimum temperatures were 29.7°C and 23.2°C respectively. The highest maximum temperature was 31.0°C and occurred on the first day of the month compared with 30.3°C for January 2014 and 30.7°C for the 30year average. The minimum was 21.4°C and occurred on the 12<sup>th</sup> of the month compared with 21.6°C for 2014 and 21.1°C for the 30year average.

The Bermuda/Azores high was challenged by several mid latitude cyclones during January. Despite this it measured over 1040mb for most of the month peaking at 1043 on the 27<sup>th</sup>. This means that the Caribbean was fed by fresh moderate to strong trades daily. The met office at M.B.I.A. was therefore forced to issue three marine advisories during the month, from the 1<sup>st</sup> to 6<sup>th</sup>, on the 9<sup>th</sup> and from the 12<sup>th</sup> to 14<sup>th</sup> as the strong trades and frontal systems affected the Atlantic.

Farmers were able to capitalize on the good rainfall periods. Crops like citrus pumpkins and breadfruit did well. Quite noticeable was a low yield crop of pigeon



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peas. This most likely was as a result of the high wind experienced which resulted in flower dropping.

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