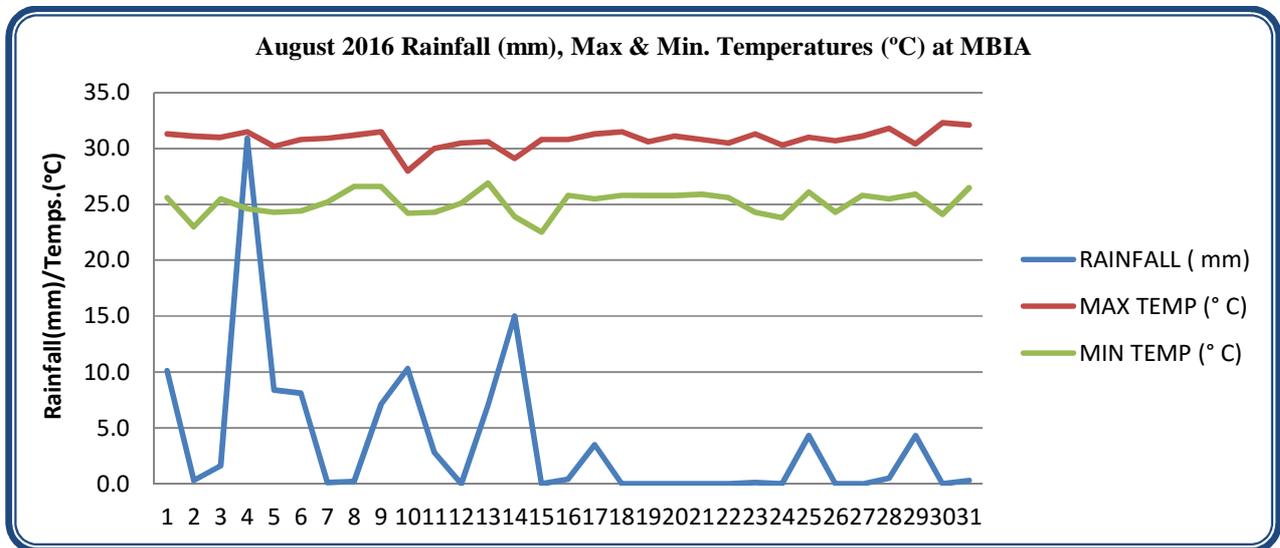




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The month of August saw the formation of three tropical storms namely, Earl, Fiona and Gaston on the 2nd, 19th and 22nd of the month respectively. These systems however had no effect on Grenada and its dependencies.

There were a few tropical waves which were embedded in a surge of moisture/ITCZ that produced convective activity especially on the 1st, 4th, 10th and 14th with the ones on the 4th and 14th producing 24 hour periods of rainfall of 30.9mm and 15.0mm respectively. The waves on the 1st and the 10th produced 10.1mm and 10.3mm respectively and there were eleven days with little or no rainfall at all. Hence, the total rainfall for month of August was 115.3mm which was 21.99% or 32.5mm below the 30-year average of 147.8mm.



Graph for August 2016 showing rainfall (mm), Max and Min temperatures (°C)

Temperatures for the month of August 2016 were mostly lower than last year and the 30-year average. The daily mean temperature of 28.0°C was 0.1°C lower than 2015. The mean monthly minimum temperature of 25.1°C was 0.4°C lower than 2015. The lowest minimum temperature of 22.5°C which occurred on the 15th was 1.4°C and 0.3°C lower than 2015 and the 30-year average. The highest monthly maximum temperature of 32.3°C which occurred on the 30th was 0.2°C lower than 2015. The mean monthly maximum temperature of 30.8°C was same as 2015, but however, was lower by 0.1°C than the 30-year average.

Despite the tropical waves, the dominating feature throughout the month of August was the broad surface ridging of the Bermuda/Azores High pressure into the Caribbean. This high peaked at 1037mb on the 10th and was 1025mb and over for



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more than half the month. This resulted in tight pressure gradients which generated strong winds with a gust of 44knots on the 14th and moderate to rough seas. As a result, marine advisories were issued on the 14th and 29th of the month.

With the moderate to rough seas, fisher folks did not venture too far from shore hence they operated close to the FADS (Fishing Aggregate Device System) and had moderate catches of Black and yellow fin tunas and some Marlin on the East Coast. There were also a few catches in Dolphin, Red Hind and Snapper.

Even though rainfall was 21.99% or 32.5mm below the 30-year average of 147.8mm, it was 17.87% or 20.6mm more than August 2015. This continued increase of rainfall meant that Famers continued to have good production in Beans, Pumpkins, Plantains, Watermelons, Okra, Cabbages and Cantaloupes.

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