



January 2016 Agro-met Report



During the month of January trade wind cumulus and low level occasional moisture surge, gave rise to the light and moderate showers during the month. A total of 24.1mm of rainfall was recorded which is the fifth lowest January total since 1985. The long term January average is 63.7mm. This low rainfall for over a month indicates that Grenada is undergoing a meteorological drought.

A shear line resulting from a cold front, generated cold temperatures of 21.1 °C and 20.9 °C on the 12th and 13th of the month respectively. These low temperatures were the lowest in the last two years, and below the long term average. Despite these occurrences, January's mean min temperature was 24°C, which is still above the long term average of 23.20°C.

The cool conditions resulted in the average max temperature for the month being 29.1°C which is below the long term average of 29.6°C. The highest temperature of 30.2°C was recorded on the 11th; this was also below the mean highest max temperature.

The Bermuda Azores High pressure peaked at 1042mb this together with transfer of momentum from the 850mb to the surface, together with produced windy conditions throughout most of the month. Gust over 30kts were recorded several times. Due to these high winds the Met office issued marine advisories from the 1st to 6th, 12th to 16th and 26th to 28th.

A mid latitude cyclone produced the first hurricane of the Atlantic basin on the 14th. Hurricane produced wind up to 85mph.

The fishing sector suffered as the rough seas kept boats at bay. Minimal catch was realized. Tunas together with the smaller species of Round-Robin, Jacks and Hinds were available in reduced quantities.

Although we are experiencing low rainfall and drought, citrus fruits, pepper, cucumbers, plantains, pumpkins and sweet potatoes flourished on the market.



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