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November Outlook

There is a 75% likelihood of normal to above normal rainfall accumulations across Barbados and the Windward Islands between November and January according to the Precipitation Outlook published by the CIMH. For Grantley Adams International Airport, the normal rainfall range would be between 248 and 360mm. Above normal rainfall values would exceed 360mm.

As we approach the official end of the 2013 Hurricane Season, we anticipate a gradual reduction in the number of tropical waves traversing the Eastern Caribbean while the movement of mid to upper level tropospheric troughs over the region will become more of a regular feature. Forecast models indicate that most of the significant showers are likely during the second half of November.

October Synopsis

Two tropical storms, 'Karen' and 'Lorenzo' developed in the Atlantic Basin during October. 'Karen' formed in the eastern Gulf of Mexico, near the Yucatan Peninsula and moved west-northwestwards while 'Lorenzo' developed over the eastern Atlantic and tracked north-eastwards. Neither system threatened any land-mass.

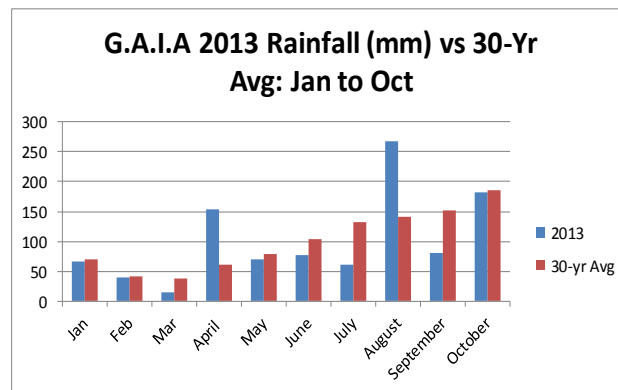
Wind Report

Barbados experienced a significant wind-surge event during the period 24th to 25th October, 2013. Brisk surface winds averaging 20 knots started to affect Barbados and the southern Windwards on October 24th, 2013. These speeds increased to between 20 and 30 knots on 25th October and persisted throughout the day with wind-gusts reaching as high as 52 knots at the Airport.

October 2013--- G.A.I.A

October Rainfall	Actual (2013)	Normal (1981-2010)
Rainfall Total (mm)	182.9	185.1
Rain Days (≥ 1.0 mm)	20	16 days
Highest October Rainfall (1942-2012): 457.3 mm (2010)		
Lowest October Rainfall (1942-2012): 34.6 mm (1992)		

2013 G.A.I.A Rainfall (mm)



October Rainfall Report

The strong winds mentioned above were accompanied by torrential rains and thunderstorms with reports of some flash-flooding across the island. Some 61.5mm of rainfall was recorded at G.A.I.A at 6:00 p.m 25th October.

In addition to the above event, three other significant rainfall episodes contributed to the final October total of 182.9mm at Grantley Adams International Airport over a period of 20 rain days (rainfall ≥ 1.0 mm). This total was just shy of the 30-year average of 185.1mm.

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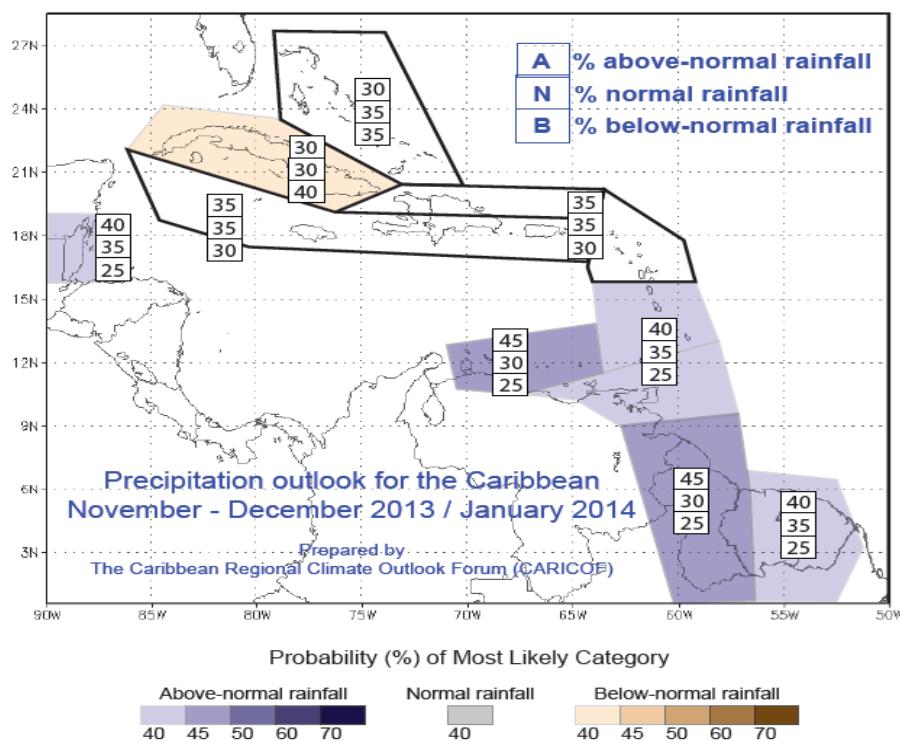
October Temperatures	Actual (2013)	Normal (1981-2010)
Avg, Air Temp (°C) (day)	28.7	27.5
Avg, Air Temp (°C) (night)	26.7	
Avg. Max Temp (°C)	30.7	30.4
Avg Min Temp (°C)	25.0	24.5
Avg Relative Humidity (%)	81	82
Highest Max Temp(°C)	31.9	32.4 (2004)
Lowest Min Temp (°C)	22.8	20.6 (1984)

November Rainfall	Normal (1981-2010)	
Rainfall Total (mm)	171.6	
Rain Days (≥ 1.0 mm)	14 days	
Highest November Rainfall (1942-2012): 513.1 mm (1991)		
Lowest November Rainfall (1942-2012): 27.4mm (1998)		

October Temperature Report

In spite of near normal rainfall experienced during the month, it was a relatively warm October. There were nineteen days on which the maximum temperature was $\geq 31.0^{\circ}\text{C}$ with the highest maximum temperature of 31.9°C occurring on October 1st. The 30-year temperature normal for October is 30.7°C . The lowest minimum of 22.8° occurred on October 6th. Humidity levels during the day average 76% while this average increased to 86% during the night time.

November Normal 1981-2010 – G.A.I.A	
Parameter	
Avg Rainfall Total (mm)	171.6
Avg # Rain Days (≥ 1.0 mm)	14
Avg, Air Temp (°C) (day)	27.0
Avg Wind-Speed (km/hr)	18
Avg. Max Temp (°C)	30.0
Avg Min Temp (°C)	24.2
Highest Max Temp(°C)	32.4 (2004)
Lowest Min Temp (°C)	18.5 (1985)



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