

Dengue Early Warning Tool



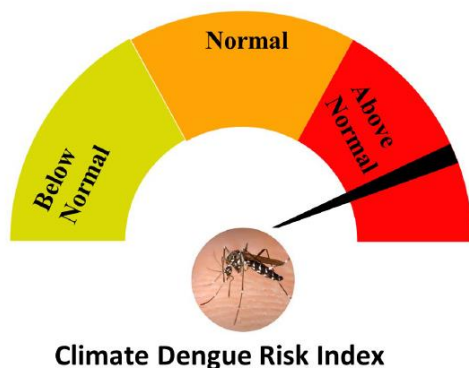
Climate Section | Tel: (868) 225-3477/3440/3479 | Fax: (868) 669-4009 | Email: dirmet@metoffice.gov.tt

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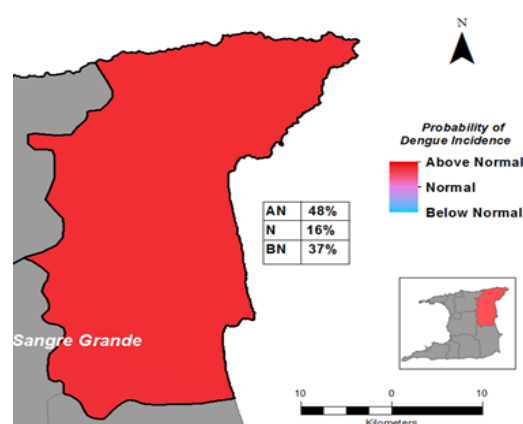
Climate Dengue Incidence Risk Outlook for the St David/St Andrew County - August to October 2017

This Dengue Incidence Risk Outlook is based on correlation between 3-month model output rainfall for May to July (MJJ) and 3-month Nino 3.4 Index for January to March (JFM) used as an Early Warning Tool for Dengue Incidence Risk Alert for the period—August to October (ASO) in the St David/ St Andrew county.

Enhanced Probabilities for Above Normal (51% chance for more than 151 cases) Dengue Incidence Risk for St David/St Andrew County during ASO 2017



Probability of Above 30 Dengue Cases in December 2016 = 48%



Dashboard: Dengue Risk Outlook August to October 2017

The rainfall outlook for the period – May to July (MJJ) 2017 in the St David/St Andrew County is likely to be below normal with possible average monthly rainfall totals 250mm, accompanied by average monthly maximum temperatures of 33.0°C. These conditions, along with January to March 2017 Sea Surface Temperatures (SSTs) anomalies which characterise the state of the Nino 3.4 Index are likely to be associated with Dengue Incidence Risk for the period – August to October 2017 in northeast Trinidad.

As such, the Dengue Incidence Risk outlook for the St David/St Andrew County for the period – August to October (ASO) 2017 is likely to be **ABOVE NORMAL**.

Usually, the wet season will cause spikes in dengue cases but below normal rainfall increases the incidences of dengue while too much rainfall has the opposite effect and reduces the instances of dengue or pushes the spike in incidences to a later period.