



JUNE IS THE FIRST MONTH OF THE RAINY SEASON IN BELIZE. JUNE 2017 BEGAN WITH GENERALLY FAIR CONDITIONS PREVAILING. A STRONG SOUTH-EASTERLY AIRFLOW PREVAILED AND HIGH DAY-TIME AND NIGHT-TIME TEMPERATURES WERE RECORDED AROUND THE COUNTRY. THIS WAS THE GENERAL TREND FOR THE FIRST FIVE DAYS, EXCEPT THAT THE SOUTH AND INLAND AREAS EXPERIENCED A FEW SHOWERS AND ISOLATED THUNDERSTORMS.

BETWEEN THE FIFTH AND NINTH, THE COUNTRY EXPERIENCED SHOWER, RAIN AND THUNDERSTORM ACTIVITIES WHICH ALL ORIGINATED INLAND AND SPREAD TO COASTAL AREAS. A HIGH CENTER AT 200MB MOVED OVER THE AREA ON THE TENTH AND ENHANCED LOW LEVEL INSTABILITY, AT WHICH POINT, HIGH MOISTURE CONTENT WAS ALSO PRESENT. HENCE, SHOWERS, THUNDERSTORMS AND WIDE-SPREAD RAIN DAMPENED THE COUNTRY THROUGH TO THE SIXTEENTH.

ON THE SEVENTEENTH, A BROAD TROUGH OF LOW PRESSURE DEVELOPED OVER THE WESTERN CARIBBEAN. THIS PRODUCED SHOWERS, RAIN AND THUNDERSTORMS AROUND THE COUNTRY FOR THE NEXT FEW DAYS. ON THE NINETEENTH, THE SYSTEM WAS DECLARED AS POTENTIAL TROPICAL CYCLONE III. AT THIS TIME AN ELONGATED TROUGH STRETCHED FROM A FEW HUNDRED MILES SOUTH, SOUTH-EAST OF LOUISIANA TO HONDURAS. THE BIRTH OF TROPICAL STORM CINDY WAS DECLARED ON THE TWENTIETH. THE ASSOCIATED TROUGH CONTINUED TO SUPPORT SHOWERS, RAIN AND THUNDERSTORMS ACROSS BELIZE, THROUGH TO THE TWENTY-SECOND. THE COUNTRY GOT A BREAK ON THE TWENTY-THIRD WITH GENERALLY FAIR WEATHER.

ON THE TWENTY-FOURTH A TROPICAL WAVE IN THE AREA SUPPORTED THE DEVELOPMENT OF SEVERE THUNDERSTORMS OVER THE CAYO DISTRICT IN THE AFTERNOON, LASTING ALMOST TWO TO THREE HOURS. THE RESULT WAS LOCALIZED FLOODING IN SAN IGNACIO TOWN AND SURROUNDING AREAS.

A FEW SHOWERS AFFECTED PARTS OF THE COUNTRY ON THE TWENTY-FIFTH AND CONTINUED SO THROUGH TO THE END OF THE MONTH, AS THREE MORE TROPICAL WAVES CROSSED THE COUNTRY DURING THIS PERIOD.

IN CONCLUSION, JUNE 2017 WAS A RAINY PERIOD. HIGH DAY-TIME AND NIGHT-TIME TEMPERATURES WERE ALSO RECORDED. FOUR TROPICAL WAVES CROSSED THE COUNTRY, BUT ONLY THREE SUPPORTED RAINFALL ACTIVITY. THE BROAD AREA OF LOW PRESSURE, TURNED TROPICAL CINDY WAS THE MAIN PRODUCER OF RAINFALL DURING THIS MONTH. DATA SHOWS THAT RAINFALL AMOUNTS WERE ABOVE THE NORMAL AT A FEW STATIONS, WHILE NIGHT-TIME TEMPERATURES WERE ABOVE AVERAGE.

Station	Total Monthly Rainfall (mm)	Normal Monthly Rainfall (mm)
Libertad	115.7	207.8
Towehill	152.1	218.6
Philip Goldson Airport	391.9	218.6
Central Farm	307.3	171.7
Spanish Lookout	259.6	181.9
Melinda	242.6	258.6
Savannah Forest Stn	177.9	294
Punta Gorda Agri. Stn	675.9	436.7

