



CLIMATE AND WEATHER PATTERNS IN ANGUILLA 1995 - 2003

CLIMATE

Climate :- The meteorological conditions, including temperature, rainfall, and wind, that characteristically prevail in a particular region.

WEATHER

Weather:- The state of the atmosphere at a given time and place, with respect to variables such as temperature, moisture, wind

The Statistics Department collects monthly data from the Meteorology office on climate such as rainfall figures and the maximum and minimum temperature.

What is Rainfall? Rainfall is water falling in drops from vapour condensed in the atmosphere. Rainfall is usually measured in inches.

What is Temperature? Temperature is numerical measures of heat or cold registered on a thermometer. Temperature can be measured in Celsius and Fahrenheit.

To convert Celsius to Fahrenheit

Multiply the Celsius temperature by 1.8.

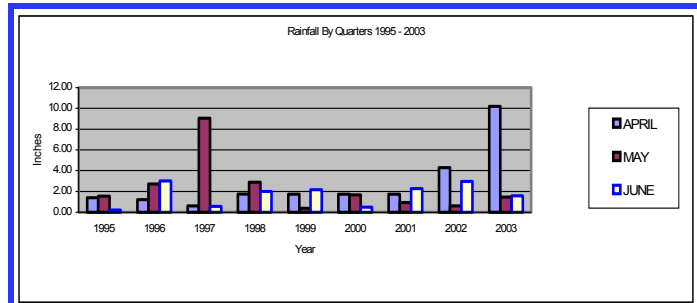
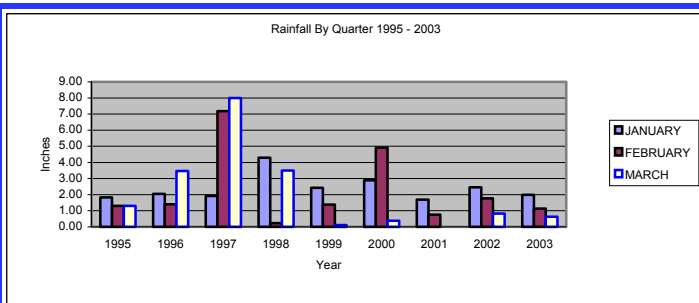
Add 32° to adjust for the offset in the Fahrenheit scale.

Example: convert 37° C to Fahrenheit.

$37 * 1.8 = 66.6$ then $66.6 + 32 = 98.6^{\circ} F$

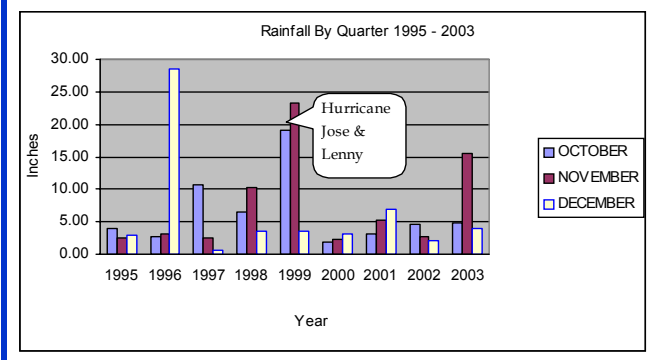
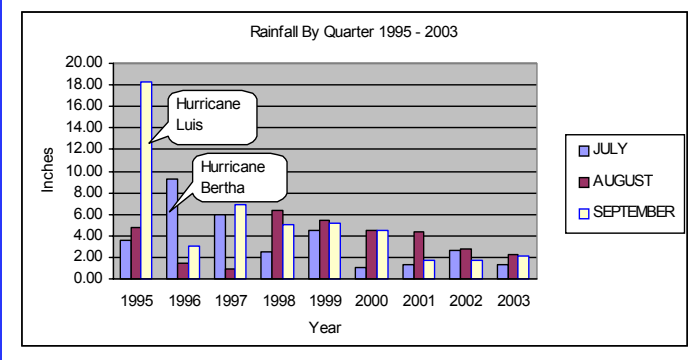
Water freezes at 32 degrees Fahrenheit or 0 degrees Celsius.

Anguilla's Rainfall 1995 - 2003



In March of the first quarter in 1997 the greatest amount of rainfall recorded was 8 inches. It was followed closely by 7 inches in February. Additionally the amount of rainfall for both February and March 1997 were much larger than the other first quarter months under review.

In the second quarter the greatest amount of rainfall (10 inches) was recorded for April 2003. In addition May 1997 had the second largest amount of rainfall (9 inches). Additionally the rainfall for these two months approximately doubled the amount of rainfall of the other months under review.



Hurricane season officially begins in July. During the years under review the highest amount of rainfall was recorded in September 1995, 18 inches. This was also the month in which hurricane Luis hit Anguilla. The second largest amount of rainfall recorded was in July 1996 (9 inches) the same month in which hurricane Bertha hit Anguilla.

In the last quarter the highest amount of rainfall 28 inches was recorded in December 1996 with the second highest amount (23 inches) being recorded in November 1999. The third largest amount of rainfall occurred in October 1999. It was in October and November of 1996 that hurricane Jose and Lenny affected Anguilla respectively.