

Chapter 1

Climate Statistics

Summary of Climate Statistics

Palau has a maritime tropical climate. This chapter presents statistical data on climatic conditions, monthly average temperatures, and the amount of rainfall in 2003. According to the National Weather Services, the maximum average daily temperature of 2003 was 91.8 degrees fahrenheit wich was an increase of 2.4 degrees from 2002. The minimum average daily temperature of 2003 was 73.3 degrees fahrenheit, a drop of 3.6 degrees from 2002. The total annual rainfall of 2003 increased by 46.5 inches from 2002.

Figure 1.1 Monthly Average Temperatures: 2003

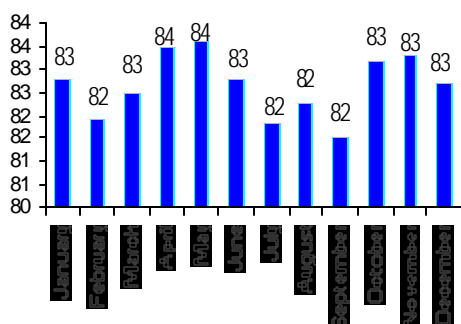


Figure 1.2 Monthly Average Rainfall, 2003

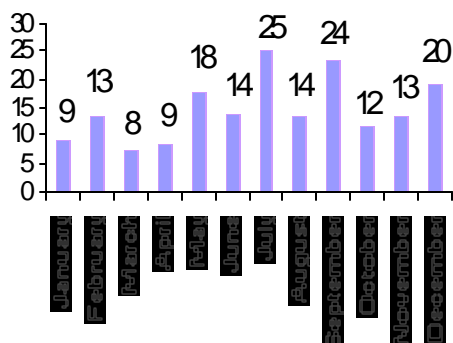


Table 1.1 Climatic Conditions: 1999 to 2003 (Degrees Fahrenheit)

Climatic Conditions	Year				
	1999	2000	2001	2002	2003
Temperature					
Avg. Maximum	92.1	88.8	87.5	89.4	91.8
Avg. Minimum	71.8	74.5	77.5	76.9	73.3
Extreme					
Avg. Maximum	93.0	93.1	92.5	93.0	93.1
Avg. Minimum	71.0	71.1	73.3	73.0	71.3

Source: Weather Service Office, Koror, Republic of Palau

Table 1.2 Monthly Average Temperatures: 1999 to 2003 (Degrees Fahrenheit)

Month	Year				
	1999	2000	2001	2002	2003
Average	82.1	82.1	82.8	83.2	82.7
January	82.0	82.8	82.8	82.7	82.8
February	82.8	81.9	82.7	82.7	81.9
March	82.4	82.5	82.7	82.9	82.5
April	82.5	82.3	83.4	83.5	83.5
May	82.5	81.9	83.5	83.5	83.6
June	81.6	82.2	82.2	82.4	82.8
July	81.1	80.8	81.9	83.8	81.8
August	81.0	81.4	82.5	82.4	82.3
September	81.7	83.2	82.9	83.0	81.5
October	82.8	81.8	83.5	83.7	83.2
November	82.8	82.4	83.5	83.9	83.3
December	82.5	81.7	82.3	83.6	82.7

Source: Weather Service Office, Koror, Republic of Palau

Table 1.3 Monthly Rainfall: 1999 to 2003 (Inches)

Month	Year				
	1999	2000	2001	2002	2003
Total	171.9	161.4	168.5	130.8	177.3
Average	14.3	13.5	14.0	10.9	14.8
January	24.8	13.2	6.2	12.6	8.9
February	6.4	20.2	12.0	4.5	13.5
March	19.2	6.6	7.1	9.6	7.7
April	14.7	12.7	13.3	6.0	8.8
May	10.7	9.3	13.9	14.1	17.5
June	11.9	12.0	22.5	27.4	13.9
July	18.3	20.4	21.8	8.1	25.0
August	26.0	17.2	20.4	12.0	13.6
September	8.0	3.1	9.3	8.7	23.7
October	5.9	13.5	14.5	8.7	11.8
November	9.5	14.3	11.7	13.0	13.4
December	16.4	18.9	15.8	6.1	19.5

Source: Weather Service Office, Koror, Republic of Palau