



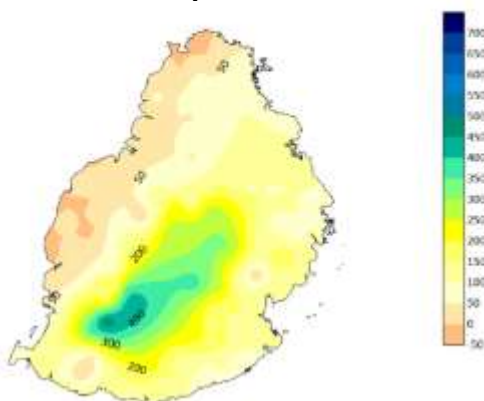
# MAURITIUS METEOROLOGICAL SERVICES

## CLIMATE JULY 2025

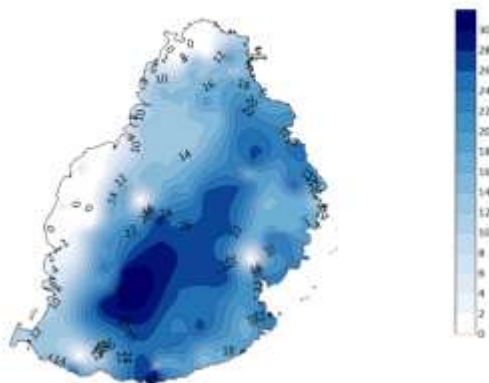
### Introduction

Slightly above normal rainfall was recorded in July 2025. Mean temperature was above normal by +0.9°C. Global and regional climate drivers such as the El Nino Southern Oscillation (ENSO), the Indian Ocean Dipole (IOD) and the Subtropical Indian Ocean Dipole (SIOD) were in a neutral phase. A wet phase of the Maden Julian Oscillation (MJO) was observed over the equatorial Indian Ocean.

Monthly rainfall



Rainfall days (> 1 mm)



### Rainfall

In July 2025, around 149 mm of rainfall was recorded, representing 113% of the long-term mean.

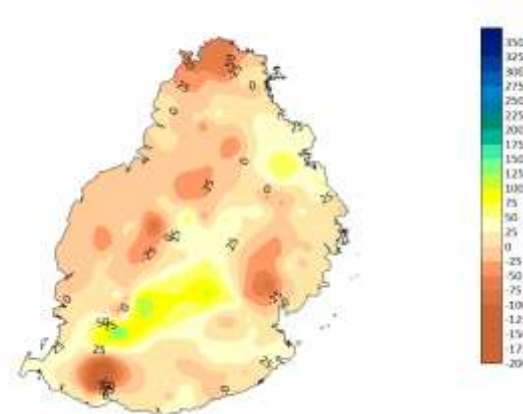
Most of the rainfall was contributed by moist and perturbed trades, clouds associated with instability lines and cold fronts.

The highest cumulative rainfall for the month was 489.3 mm, recorded at Petrin.

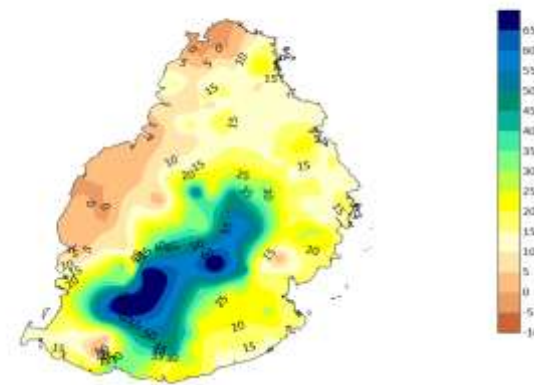
The highest number of rainy days ( $\geq 1$  mm) was observed at Arnaud with 31 rainy days.

Highest 24-hour rainfall was 80.8 mm recorded at Petrin, on 18 July.

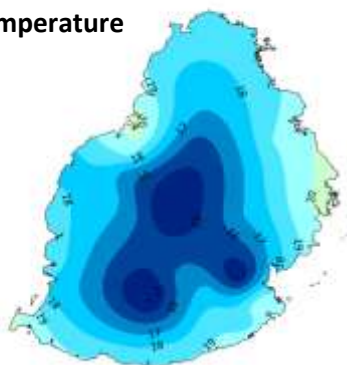
Monthly rainfall Anomaly



Highest 24-hour Rainfall



**Minimum  
Temperature**

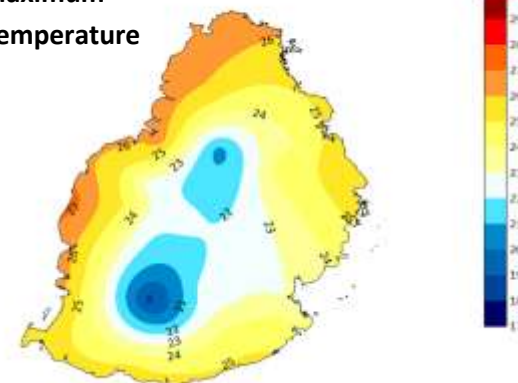


## Temperature

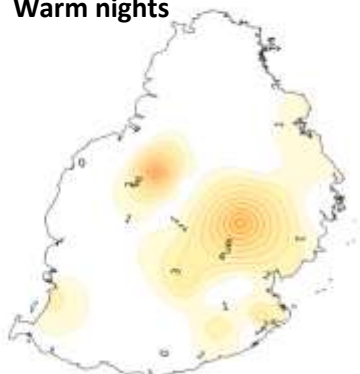
The highest maximum for the month was 29.2°C, recorded at Port-Louis (Champ-de-Mars) on 16 whereas the lowest maximum temperature was 15.3 °C, recorded at Grand Bassin on 03.

The highest minimum for the month was 22.3°C at Port-Louis (Line Barracks), recorded on 23 and the lowest minimum was 12.4°C at Grand-Bassin, recorded on 02 and 03.

**Maximum  
Temperature**



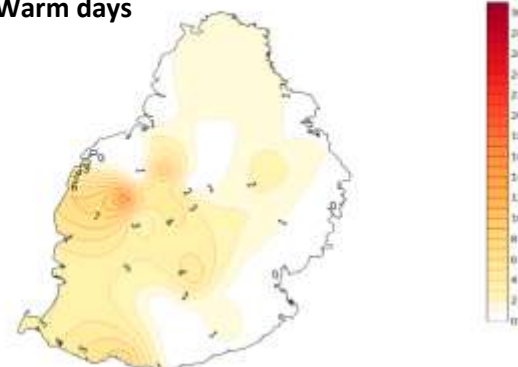
**Warm nights**



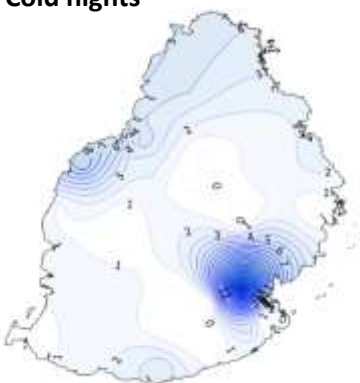
Warm days was higher than warm nights with a frequency of 75 days and 54 days respectively.

The highest number of warm days was 11 days observed at Quatre-Bornes whereas the highest number of warm nights was 10 days, recorded at Mon-Desert Alma.

**Warm days**



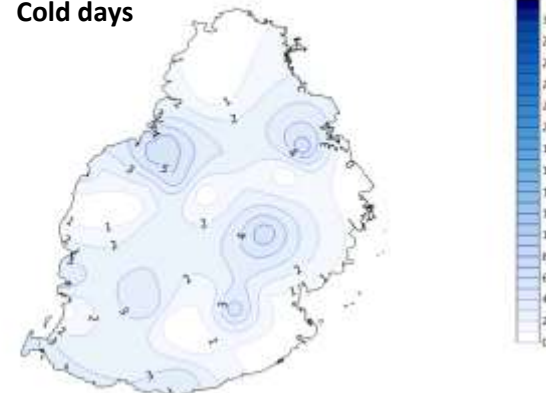
**Cold nights**

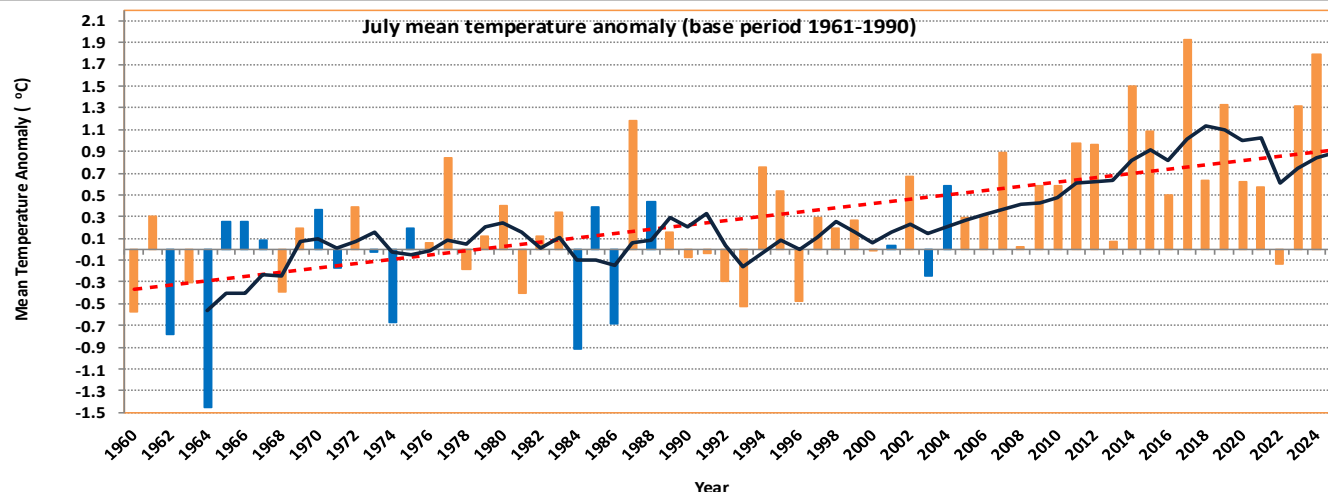


Cold nights were higher than cold days with a frequency of 106 days and 93 days respectively.

The highest number of cold nights was 27 days observed at Riche-En-Eau, whereas the highest number of cold days were 6 days observed at Sans-soucis and Champ-de-Mars.

**Cold days**

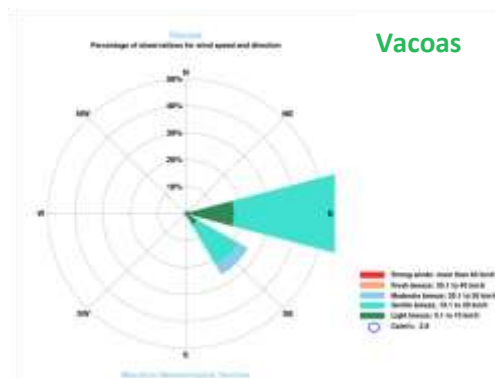
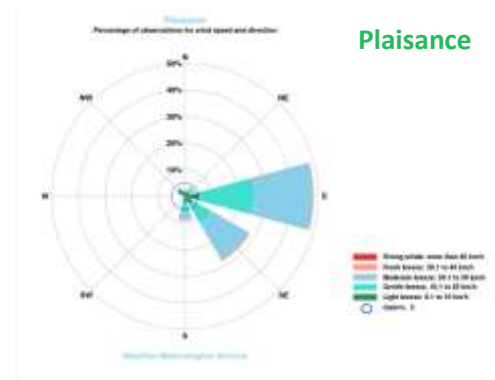




The mean temperature over the island was +0.91°C warmer than LTM (91-20).

The mean maximum temperature was +0.3°C whereas the mean minimum temperature was +0.6°C, above LTM (91-20).

## Winds



During the month, wind was mostly from the Eastern and South-Eastern sectors as shown in wind-rose charts at Plaisance (top) and Vacoas (bottom). Gentle breeze to moderate winds mostly prevailed over the island but on a few occasions fresh breeze was observed at Plaisance.

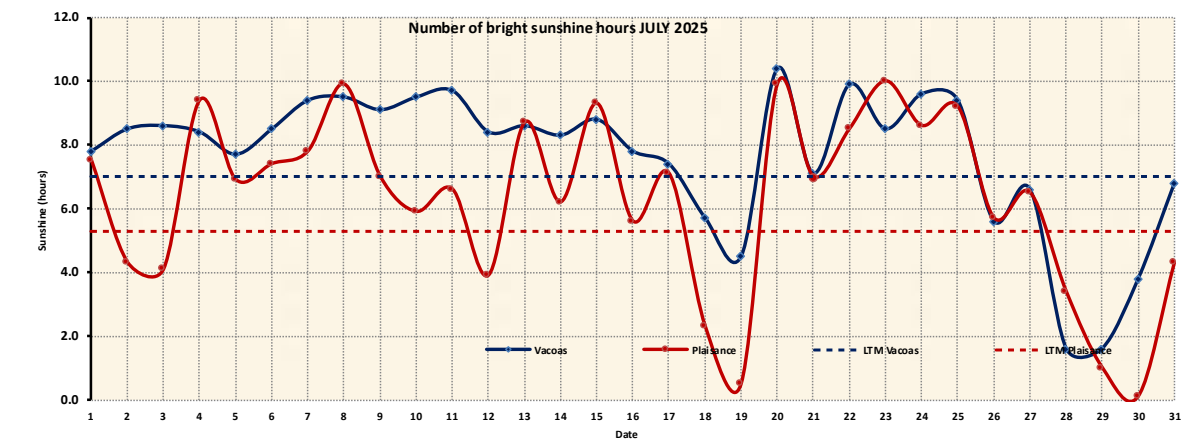
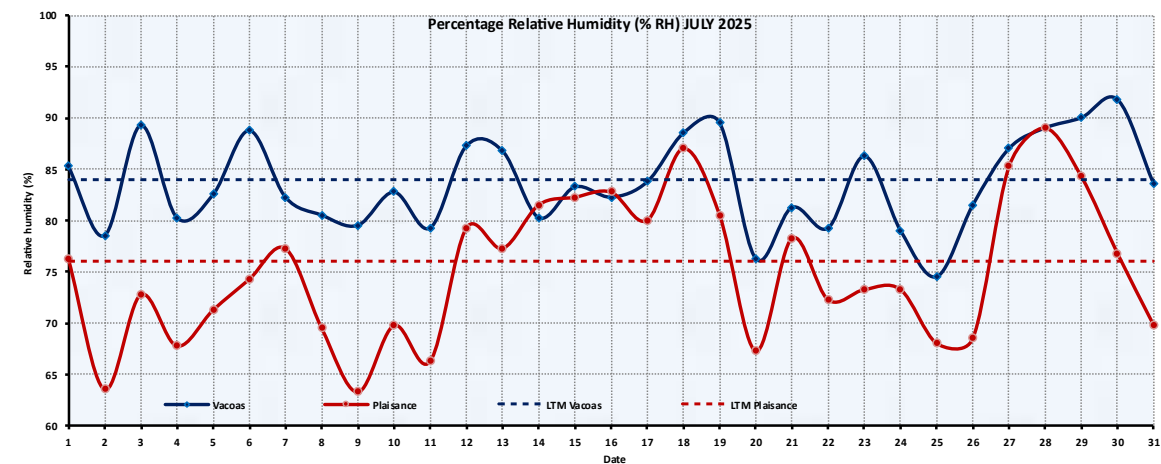
The highest gusts recorded during July 2025 were as follows: -

Regions	Highest gusts (km/h)	July
Signal Mt.	112	02
Le Morne	93	11
Champ de Mars	90	02
D. Les Pailles	86	2, 11
Bagatelle Dam	78	01
Vacoas	71	1, 10
Plaisance (Pulsonic)	69	1, 2
Albion	68	09

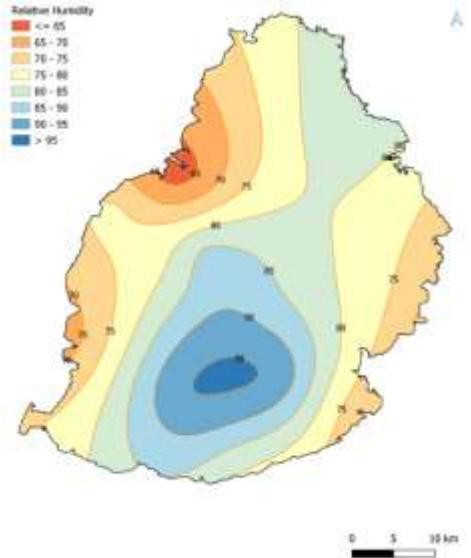
# Sunshine and Humidity

The mean relative humidity for the month was 84% at Vacoas and 75% at Plaisance. The daily humidity ranged from 65% to 90% at Vacoas and from 55% to 95% at Plaisance.

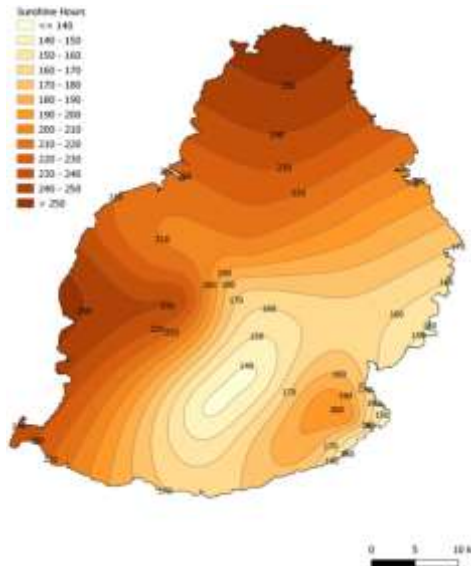
The average number of daily bright sunshine hours was 7.7 at Vacoas and 6.3 at Plaisance (anomaly of +0.7 at Vacoas and +1.0 at Plaisance). The total number of bright sunshine hours for the month was 237.1 at Vacoas and 194.6 at Plaisance.



Monthly mean humidity July 2025



Monthly total sunshine hours July 2025



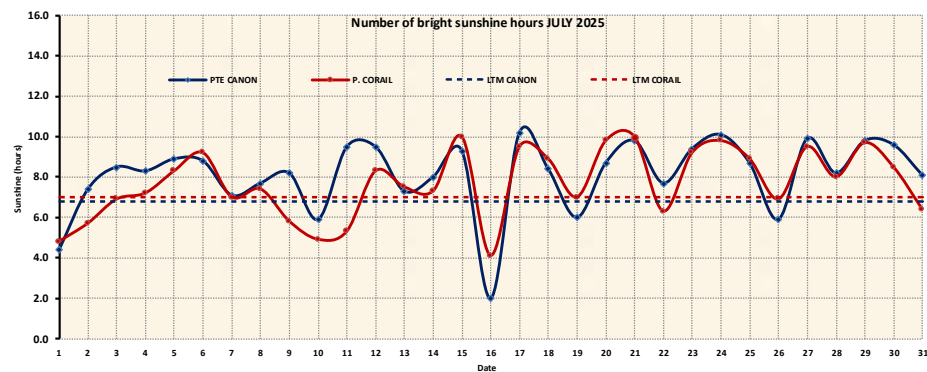
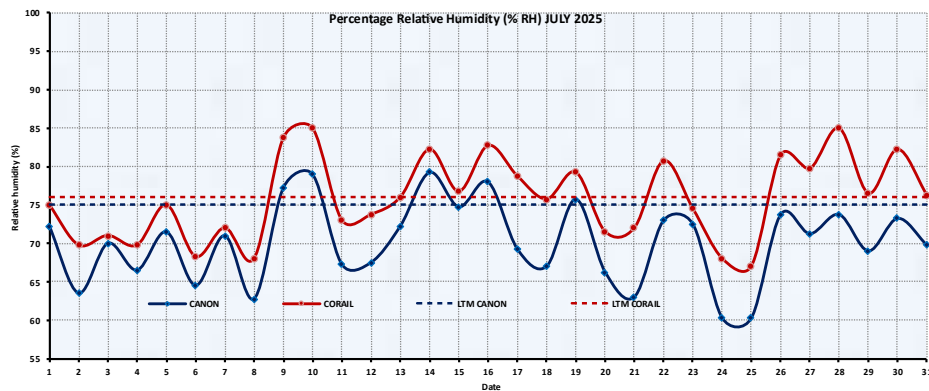


# Climate Rodrigues

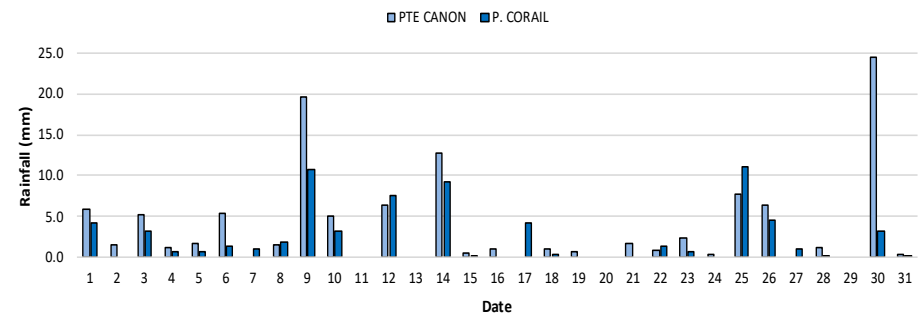
## Sunshine and Humidity

Mean relative humidity for the month was 70% at Pointe Canon and 76% at Plaine Corail. The daily humidity ranged from 60% to 85% at Pointe Canon and from 55% to 90% at Plaine Corail.

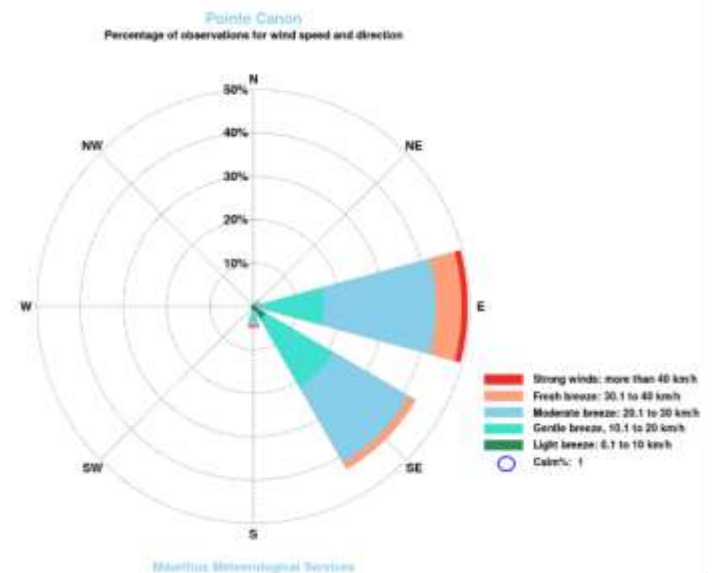
The average number of daily bright sunshine hours was 8.1 at Pointe Canon and 7.7 at Plaine Corail (anomaly of +1.3 at Pointe Canon and +0.7 at Plaine Corail). The total number of bright sunshine hours for the month was 251.3 at Pointe Canon and 238.1 at Plaine Corail.



Rainfall at Rodrigues - July 2025



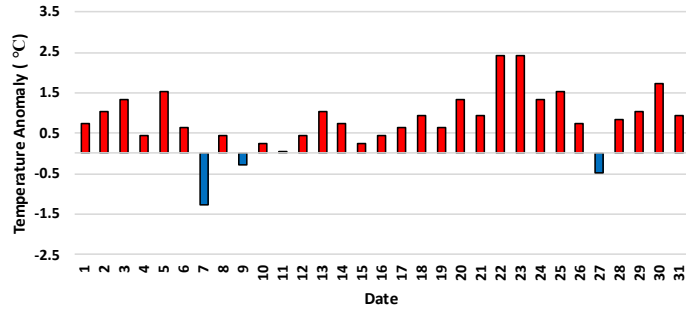
Well above normal rainfall amount was recorded at Pointe Canon with 115 mm (134% of the long-term mean) and near normal rainfall amount was recorded at Plaine Corail with 70 mm of rainfall (108% of the long-term mean).



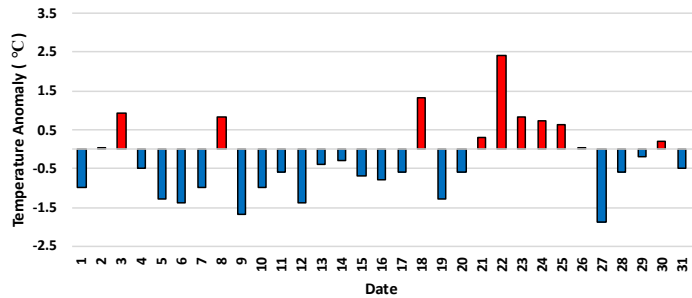
Wind frequencies show winds mainly from the Eastern and South Eastern sectors at Pointe Canon during July 2025. Moderate winds prevailed most of the time but on a few occasions fresh to strong breeze were recorded at Pointe Canon.

## Minimum Temperature

Pointe Canon-Minimum Temperature-July 2025



Plaine Corail-Minimum Temperature-July 2025



## Temperature

Mean minimum temperature anomaly was +0.8°C at Pointe Canon and -0.3°C at Plaine Corail.

Mean maximum temperature anomaly was +0.2°C at Pointe Canon and -0.5°C at Plaine Corail.

The highs/lowest minimum and maximum temperatures recorded at Pointe Canon and Plaine Corail were as follows:

### Pointe Canon

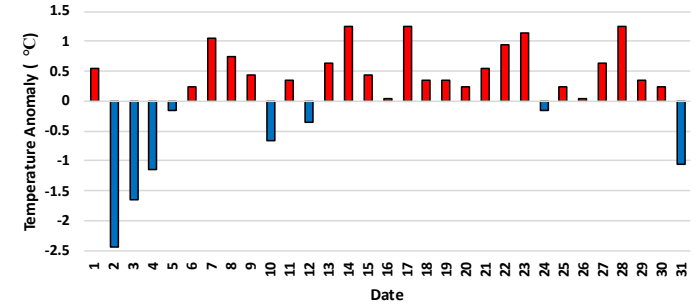
	Min	Max
Highest	20.7 °C (29 Jul)	26.0°C (22 Jul)
Lowest	16.4°C (04 Jul)	23.0°C (02 Jul)

### Plaine Corail

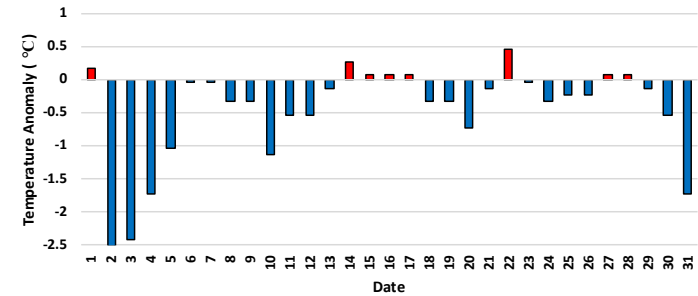
	Min	Max
Highest	20.7°C (12 Jul)	26.0°C (22 Jul)
Lowest	15.5°C (04 Jul)	22.8°C (02 Jul)

## Maximum Temperature

Pointe Canon-Maximum Temperature-July 2025



Plaine Corail-Maximum Temperature-July 2025

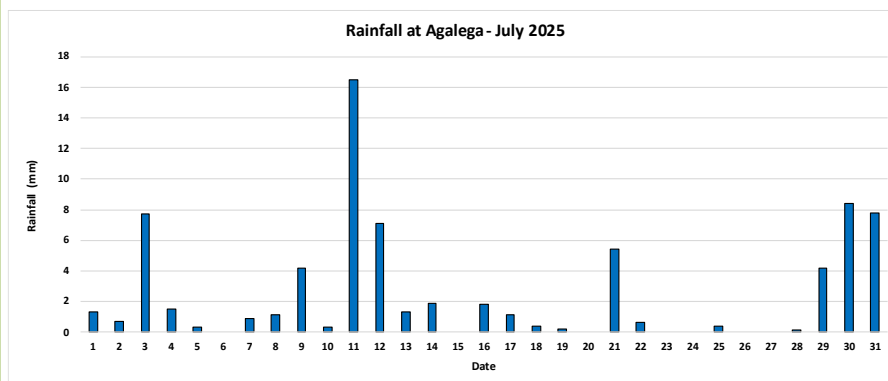
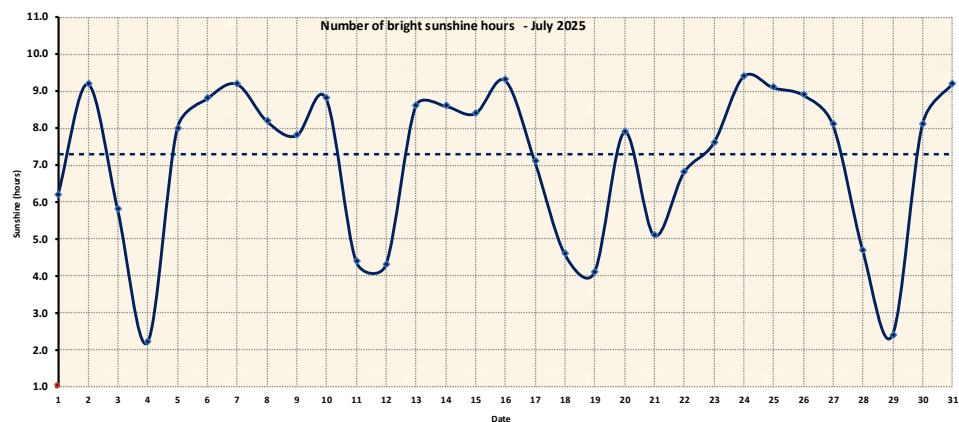
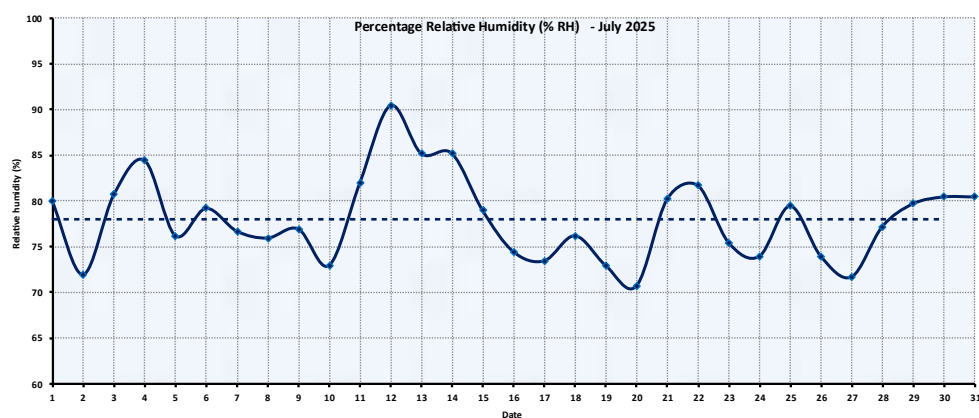


# Climate Agalega

## Sunshine and Humidity

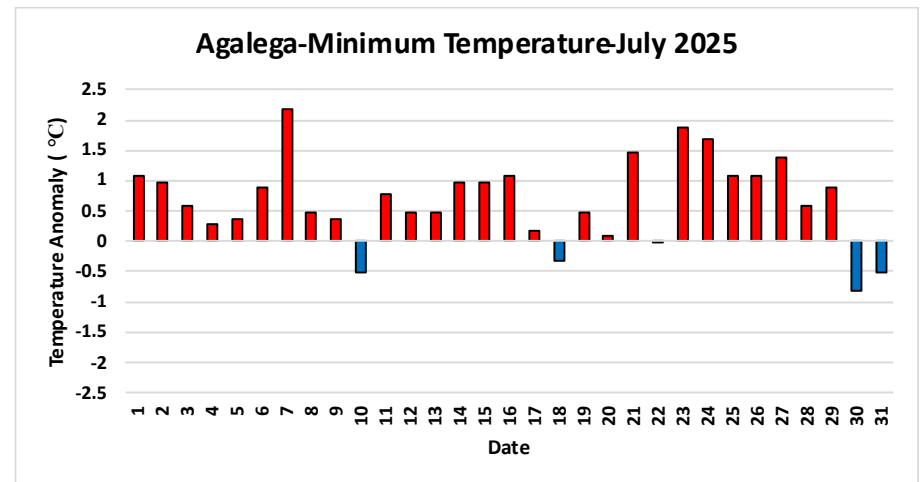
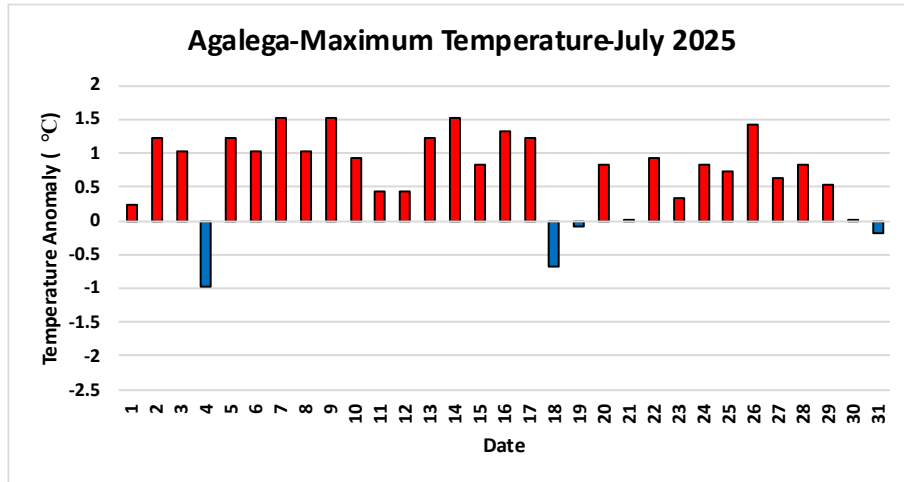
The mean relative humidity for the month at Agalega was 78 %. The daily humidity ranged from 70 % to 90 %.

The average number of daily bright sunshine hours was 7.1 at Agalega (anomaly of -0.2). The total number of bright sunshine hours for the month at Agalega was 220.9



Rainfall was below normal for July 2025 at Agalega with about 75 mm and representing 74% of the long-term mean. The highest 24-hour rainfall for the month was 16.2 mm, recorded on 11 July.

## Maximum & Minimum Temperature – July 2025



Both mean maximum and mean minimum temperature anomalies were +0.7°C at Agalega. The highest maximum temperature and lowest maximum temperature recorded at Agalega were 30.3°C (09 Jul) and 27.8°C (04 Jul) respectively. The highest minimum temperature and lowest minimum temperature recorded at Agalega were 25.2°C (30 Jul) and 22.2°C (14 July) respectively.