

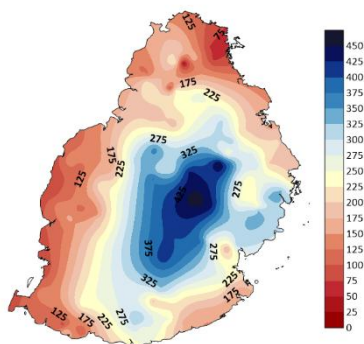
MAURITIUS METEOROLOGICAL SERVICES

CLIMATE APRIL 2025

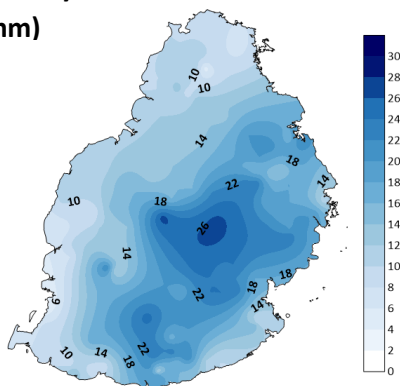
Introduction

April 2025 was the warmest since the last 60 years. Rainfall was normal for the month. The El Nino Southern Oscillation (ENSO), the Indian Ocean Dipole (IOD) and the Subtropical Indian Ocean Dipole (SIOD) were in the neutral phase. The signal of the Madden Julian Oscillation (MJO) was weak in the Indian Ocean during the month. One subtropical storm, namely 'Kanto', formed very far to the South West of Madagascar in the second fortnight of April. It did not influence weather over the Mascarenes.

Monthly rainfall



Rainfall days (> 1 mm)



Rainfall

April 2025 had above normal rainfall. The amount of rainfall recorded during the month was 251 mm, representing 122% of the long-term mean.

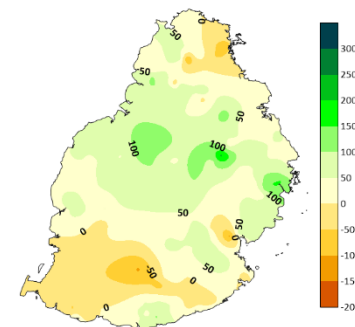
About 43% of the total rainfall was recorded in the first fortnight and the remaining 57% was recorded in the second fortnight.

The highest cumulative rainfall for the month was 518.7 mm, recorded at Montagne Ronde.

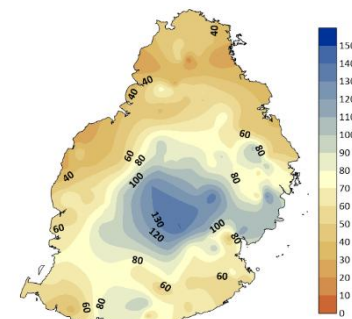
The highest number of rainy days (≥ 1 mm) was observed at Grande Providence and Belle Rive MSIRI with 27 rainy days.

Highest 24-hour rainfall was 140 mm recorded at Eau Bleue Dam, on 29 April.

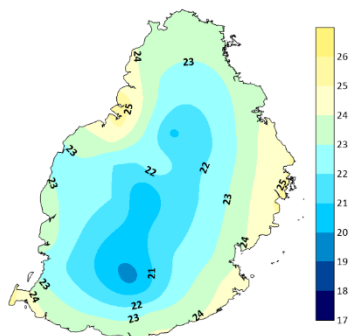
Monthly rainfall Anomaly



Highest 24-hour Rainfall



**Minimum
Temperature**

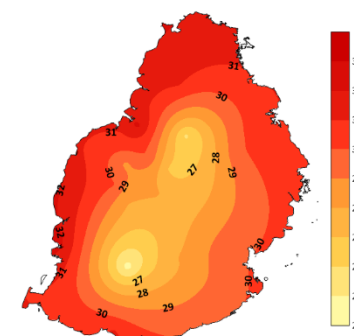


Temperature

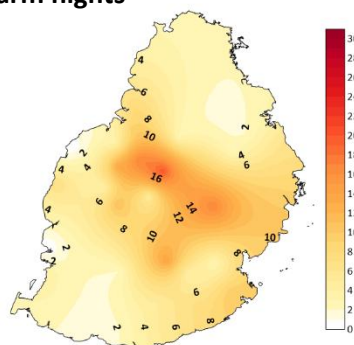
Several places recorded extreme maximum temperatures during April 2025. The highest maximum was 35.1 °C at Riviere Noire, recorded on 12 April. The lowest maximum temperature recorded was 20.3 °C at Grand Bassin on 30 April.

The highest minimum was 28 °C at Port Louis, recorded on 07 April and the lowest minimum was 17.4 °C at Bois Cheri, recorded on 28 April.

**Maximum
Temperature**



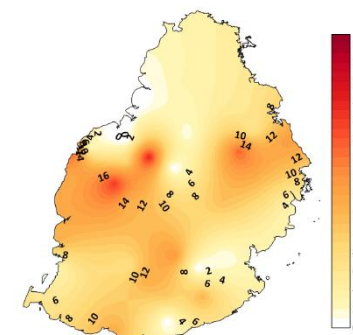
Warm nights



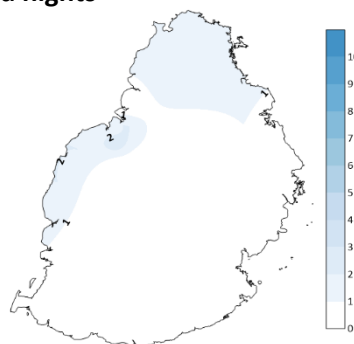
The highest number of warm nights observed was 20 at Alma and 17 at Sans Souci and Mon Desert Alma.

The highest number of warm days was 24 at Mon Desert Alma and 22 at Quatre Bornes.

Warm days

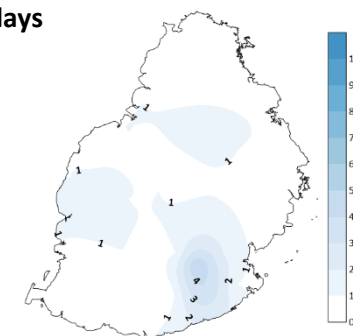


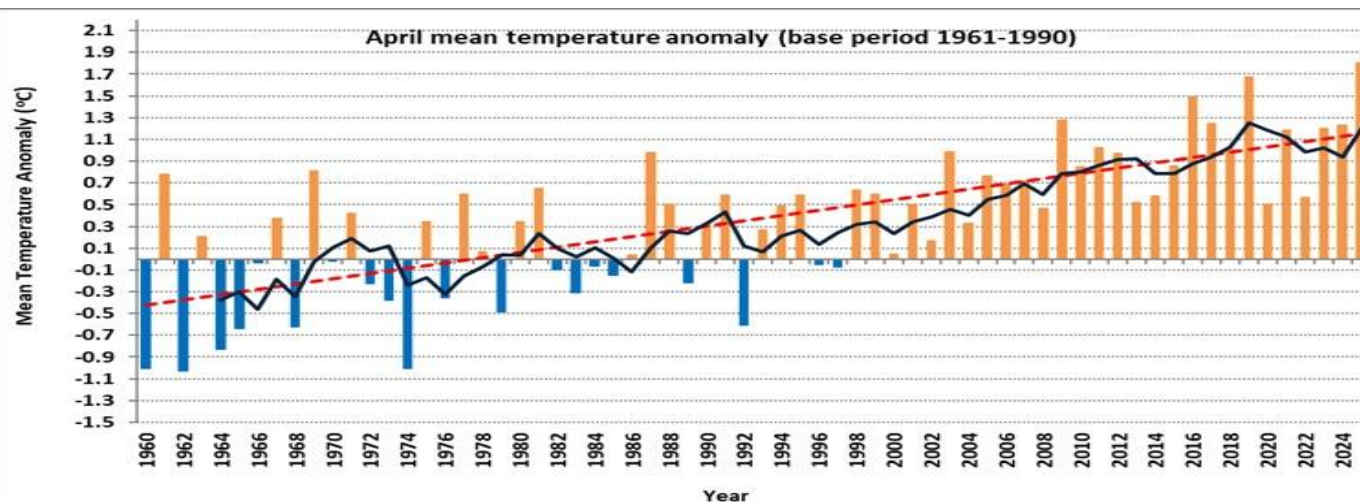
Cold nights



The highest number of cold nights was 03 at Domaine Les Pailles and the highest number of cold days was 05 at Rose Belle.

Cold days



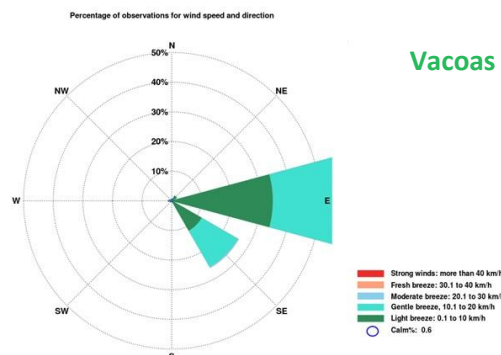
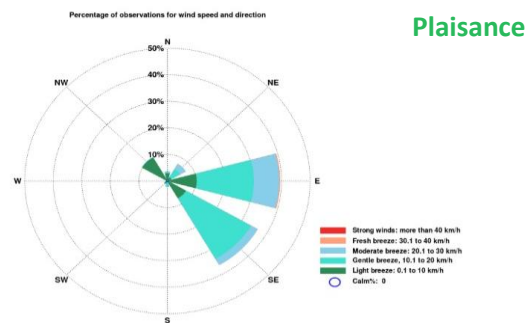


April 2025 was the warmest since the last 60 years.

The mean temperature over the island was 1.18°C warmer than the LTM of 1991-2020.

The mean maximum temperature was 1.1 °C warmer than long-term mean and the mean minimum temperature was 1.2 °C warmer than the long-term mean.

Winds



Wind frequencies show winds mainly from the Eastern and South Eastern sectors both at Plaisance (top) and at Vacoas (bottom). Light to moderate winds prevailed most of the time over the island but on a few occasions fresh to strong breeze were recorded at both stations.

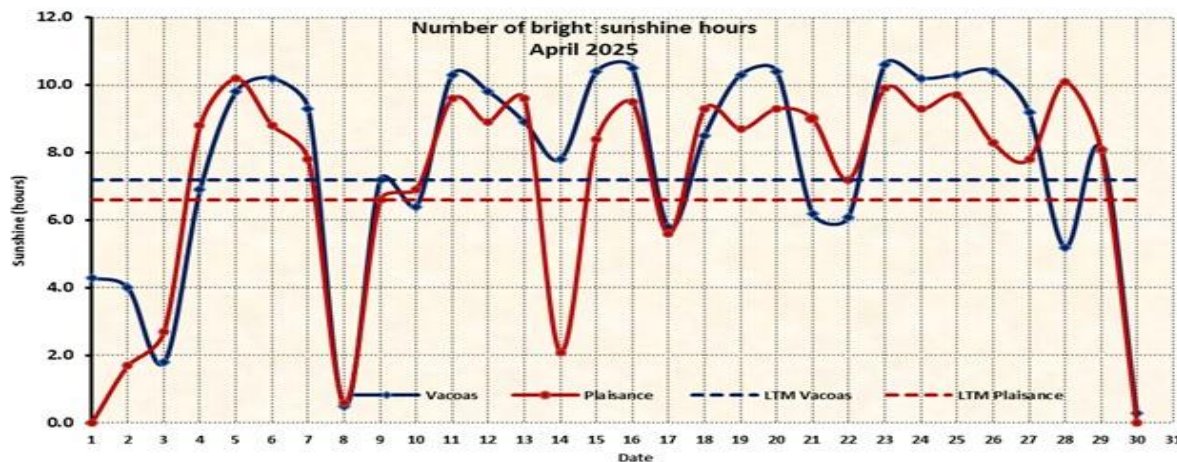
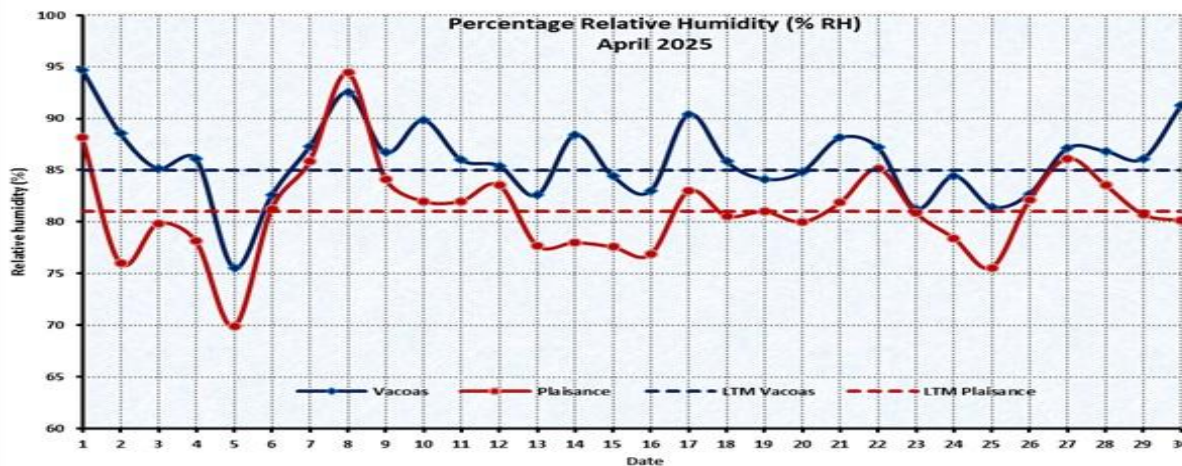
The highest gusts recorded during April 2025 were as follows:

Regions	Highest gusts (km/h)	April
Bagatelle Dam	100	30
Champ de Mars	90	30
Signal Mt.	89	30
Le Morne	87	30
D. Les Pailles	72	30
Plaisance (Pulsonic)	71	01
N. Decouverte	65	30
Riche Terre	65	30

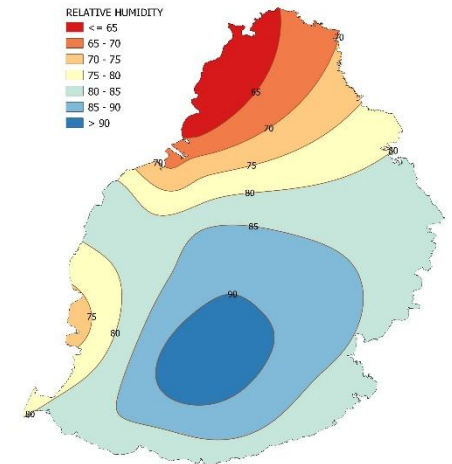
Sunshine and Humidity

The mean relative humidity for the month was 86% at Vacoas and 81% at Plaisance. The daily humidity ranged from 76% to 95% at Vacoas and from 70% to 94% at Plaisance.

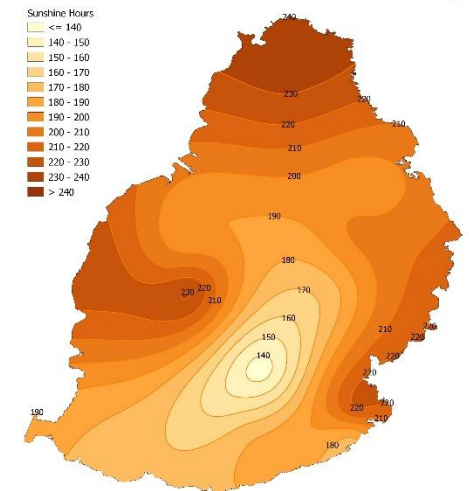
The average number of daily bright sunshine hours was 7.7 at Vacoas and 7.2 at Plaisance (anomaly of +0.5 at Vacoas and +0.6 at Plaisance). The total number of bright sunshine hours for the month was 229.7 at Vacoas and 214.5 at Plaisance.



Monthly mean humidity
April 2025



Monthly total sunshine hours
April 2025

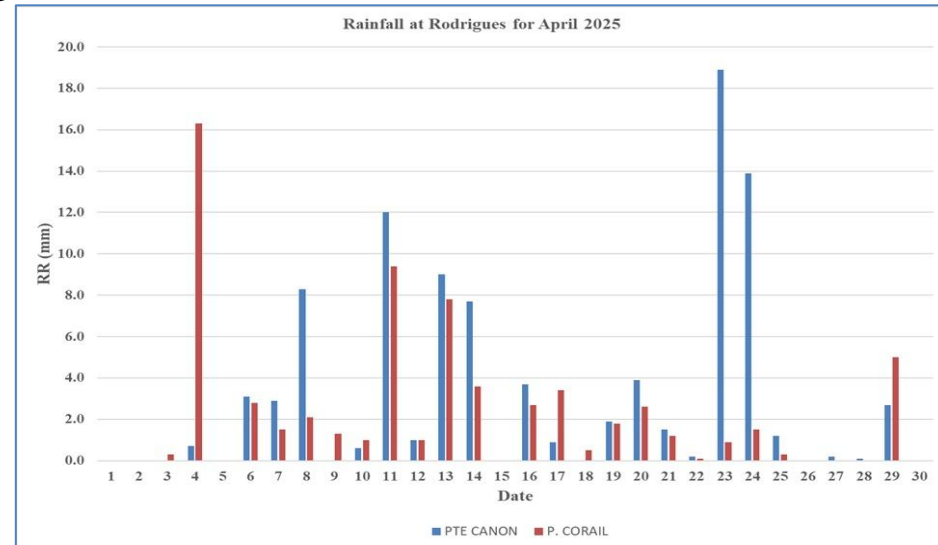
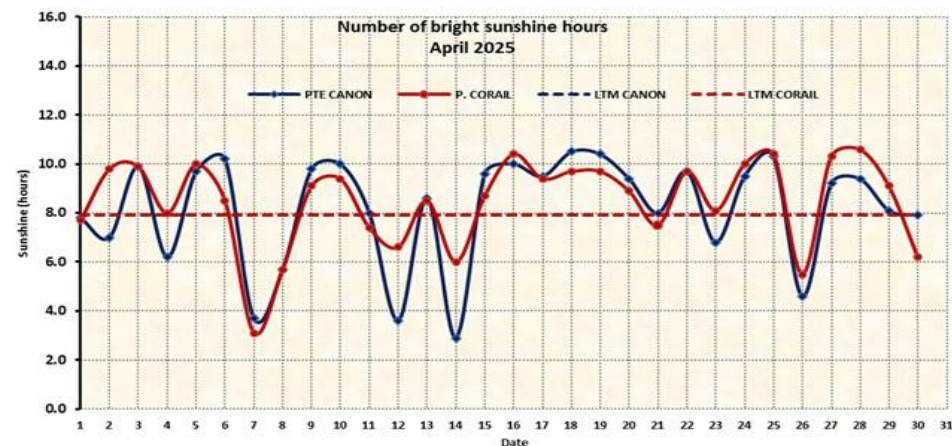
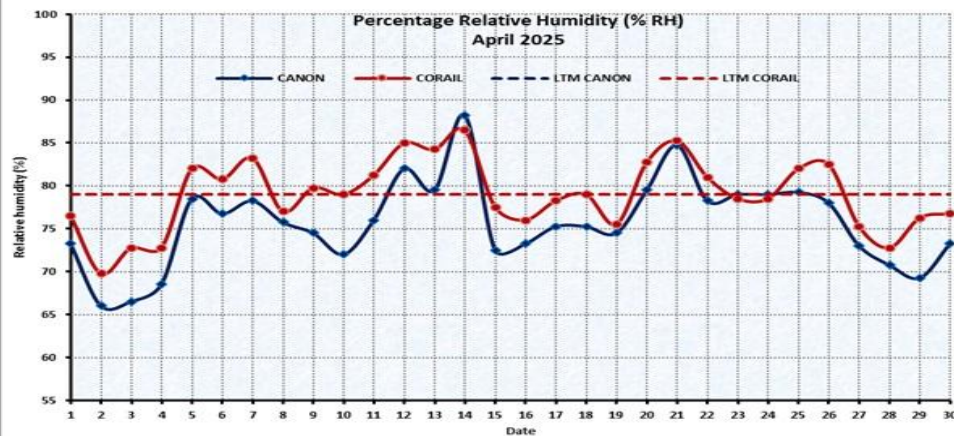


Climate Rodrigues

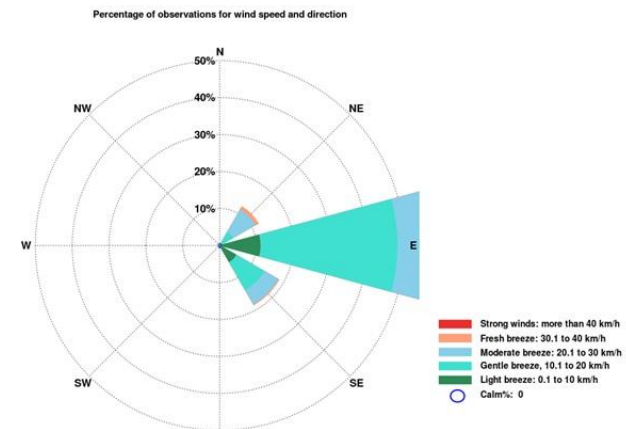
Sunshine and Humidity

The mean relative humidity for the month was 76% at Pointe Canon and 79% at Plaine Corail. The daily humidity ranged from 66% to 88% at Pointe Canon and from 70% to 87% at Plaine Corail.

The average number of daily bright sunshine hours was 8.2 at Pointe Canon and 8.5 at Plaine Corail (anomaly of +0.3 at Pointe Canon and +0.6 at Plaine Corail). The total number of bright sunshine hours for the month was 246.0 at Pointe Canon and 253.9 at Plaine Corail.

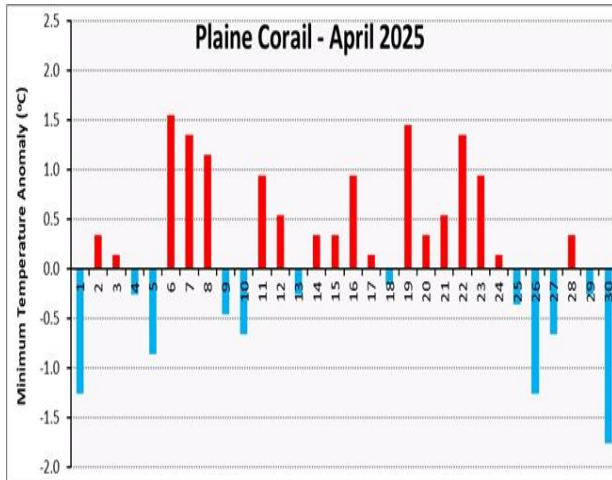
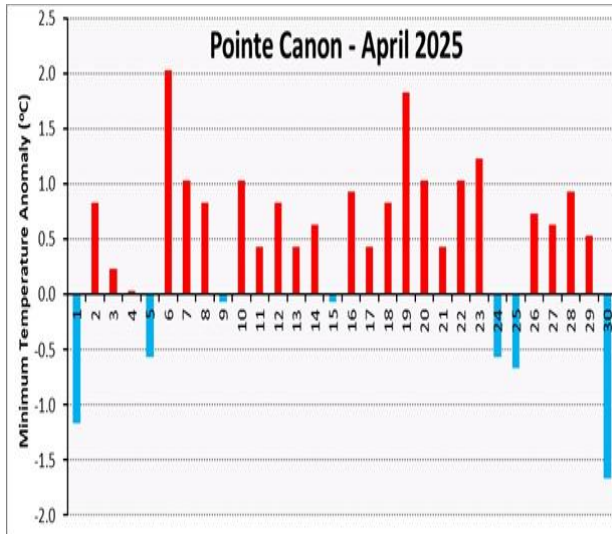


Rainfall was below normal for April 2025 at Rodrigues. Pointe Canon recorded 94 mm of rainfall (72% of the long-term mean) and Plaine Corail recorded 66 mm of rainfall (58% of the long-term mean).



Wind frequencies show winds mainly from the Eastern sector at Pointe Canon during April 2025. Light to moderate winds prevailed most of the time but on a few occasions fresh to strong breeze were recorded at Pointe Canon.

Minimum Temperature



Temperature

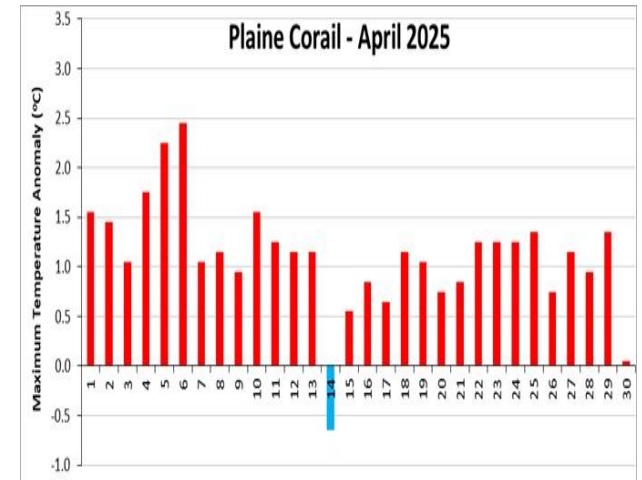
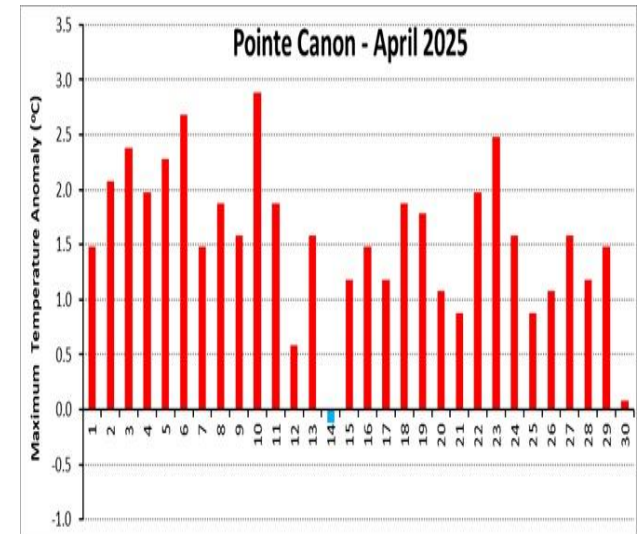
Minimum temperature was on average +0.5 °C and +0.2 °C warmer than the normal at Pointe Canon and Plaine Corail respectively.

Maximum temperature was on average +1.5 °C and +1.1 °C warmer than the normal at Pointe Canon and Plaine Corail respectively.

The highest and lowest minimum and maximum temperatures recorded at Pointe Canon and Plaine Corail were:

Pointe Canon		
	Min	Max
Highest	25.6 °C (06 Apr)	32.0 °C (10 Apr)
Lowest	21.9 °C (30 Apr)	29.0 °C (14 Apr)
Plaine Corail		
	Min	Max
Highest	25.2 °C (06 Apr)	31.9 °C (06 Apr)
Lowest	21.9 °C (30 Apr)	28.8 °C (14 Apr)

Maximum Temperature

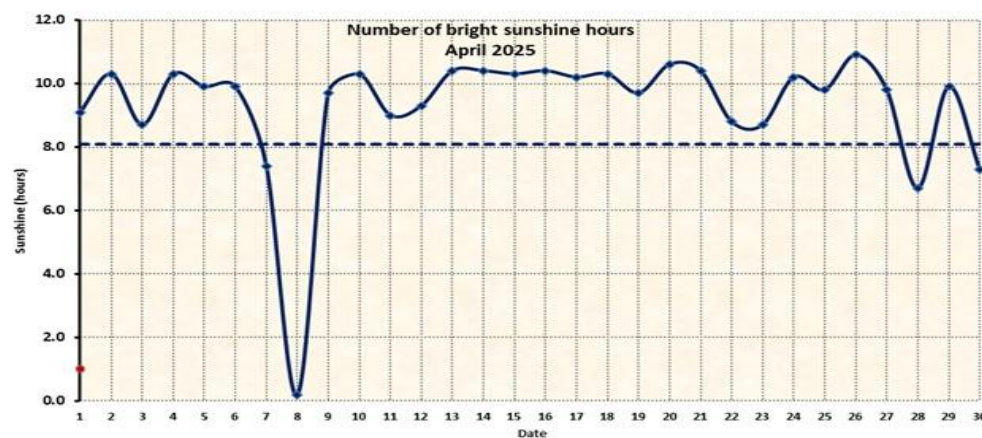
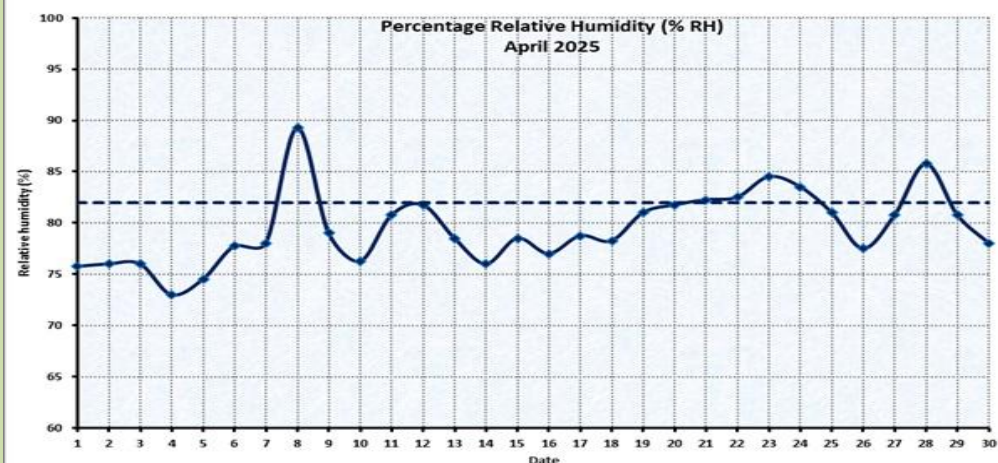


Climate Agalega

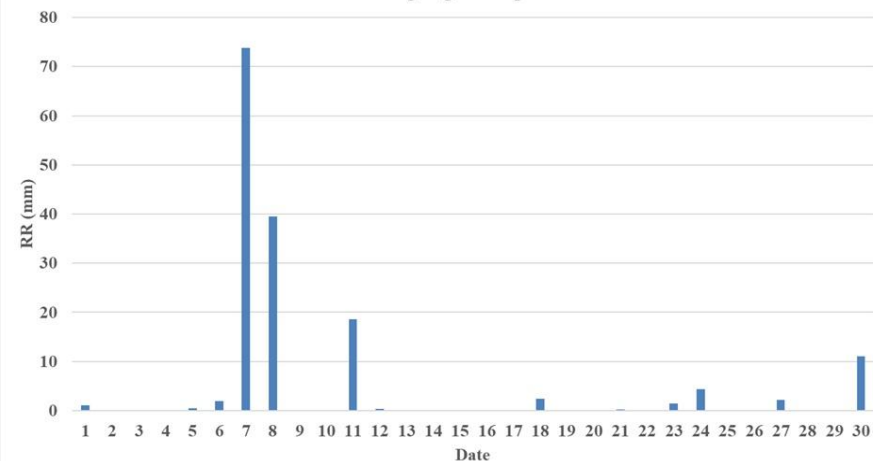
Sunshine and Humidity

The mean relative humidity for the month at Agalega was 79 %. The daily humidity ranged from 73 % to 89 %.

The average number of daily bright sunshine hours was 9.3 at Agalega (anomaly of +1.2). The total number of bright sunshine hours for the month at Agalega was 278.9

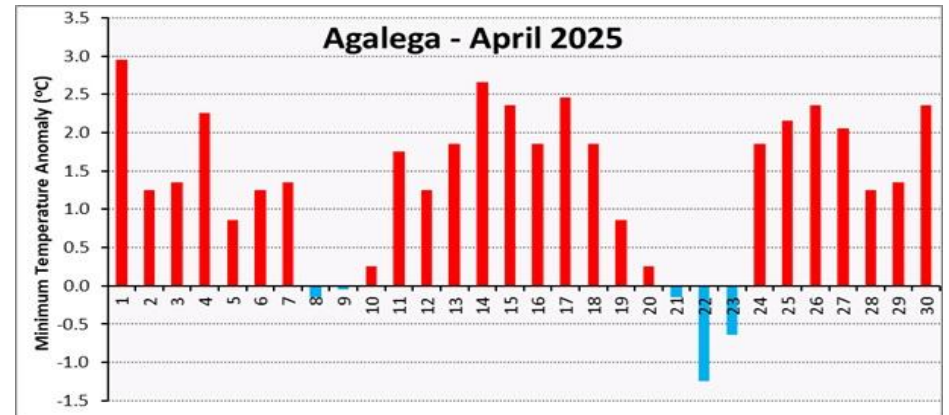
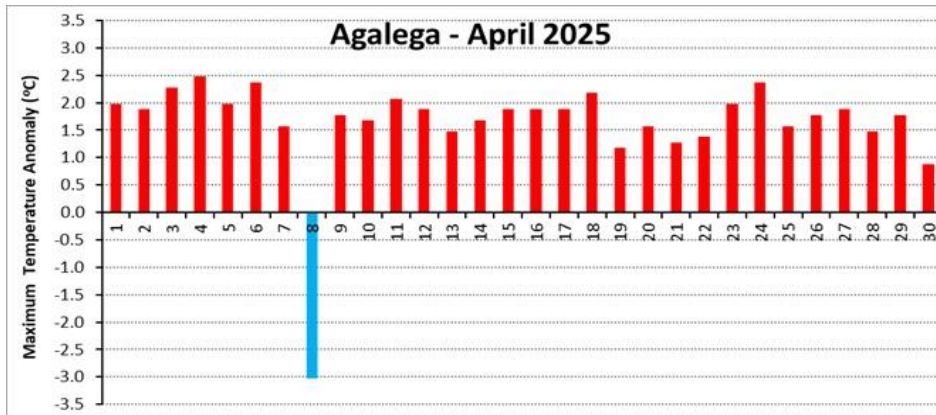


Rainfall at Agalega for April 2025



Rainfall was normal for April 2025 at Agalega with about 158 mm and representing 91 % of the long-term mean. The highest 24-hour rainfall for the month was 73.8 mm recorded on 07 April.

Maximum & Minimum Temperature – April 2025



The mean maximum temperature was 1.6 °C warmer than the normal and the mean minimum temperature was 1.3 °C warmer than the normal at Agalega. The highest maximum temperature and lowest maximum temperature recorded at Agalega were 34.1 °C (04 April) and 28.6 °C (08 April). The highest minimum temperature and lowest minimum temperature recorded at Agalega were 27.9 °C (01 April) and 23.4 °C (22 April).