



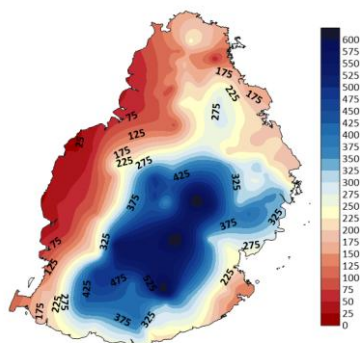
MAURITIUS METEOROLOGICAL SERVICES

CLIMATE MAY 2025

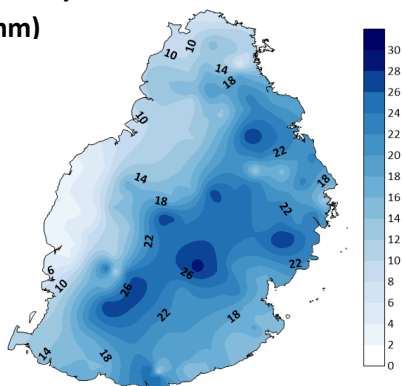
Introduction

May 2025 was very wet being the fifth wettest since the last 30 years and the warmest since the last 60 years. 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 Maden Julian Oscillation (MJO) was weak in the Indian Ocean during the month. No tropical storm formed in the South West Indian Ocean basin during the month.

Monthly rainfall



Rainfall days (> 1 mm)



Rainfall

May 2025 had well above normal rainfall with about 286 mm and representing 193% of the long-term mean.

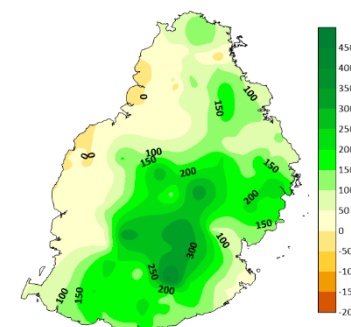
About 70% of the total rainfall was recorded in the first fortnight and the remaining 30% was recorded in the second fortnight.

The highest cumulative rainfall for the month was 634 mm, recorded at Grande Providence.

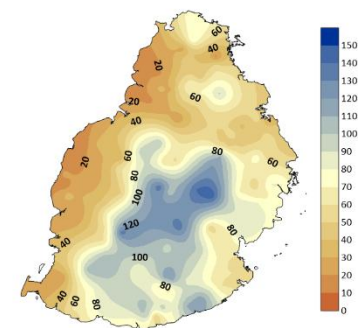
The highest number of rainy days (≥ 1 mm) was observed at Grande Providence and Belle Rive MSIRI with 27 rainy days.

Highest 24-hour rainfall was 147 mm recorded at Sans Souci, on 07 May.

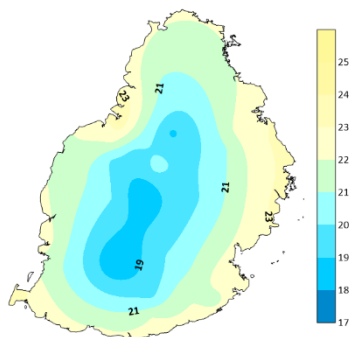
Monthly rainfall Anomaly



Highest 24-hour Rainfall



Minimum Temperature

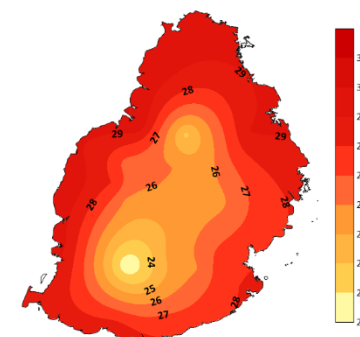


Temperature

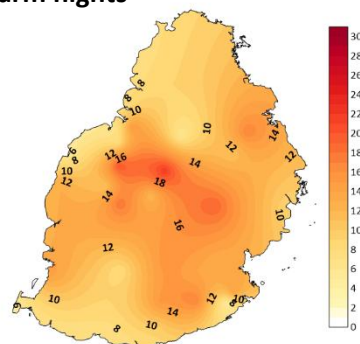
The highest maximum for the month. was 32.4 °C at Champs de Mars, recorded on 05 May. The lowest maximum temperature recorded was 18.9 °C at Grand Bassin on 30 May.

The highest minimum for the month was 26.7 °C at Port Louis, recorded on 10 May and the lowest minimum was 14.2 °C at Belle Rive, recorded on 23 May.

Maximum Temperature



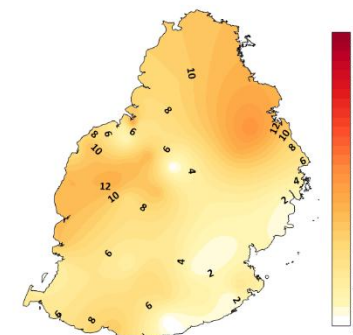
Warm nights



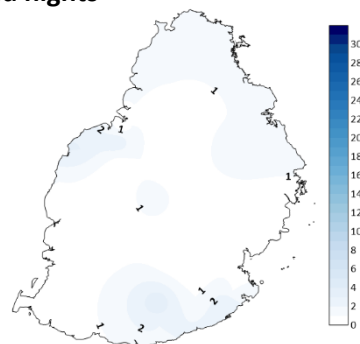
The highest number of warm nights observed was 22 at Alma and 20 at Reduit.

The highest number of warm days was 16 at Constance and 14 at Port Louis.

Warm days

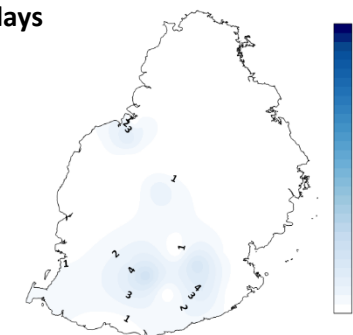


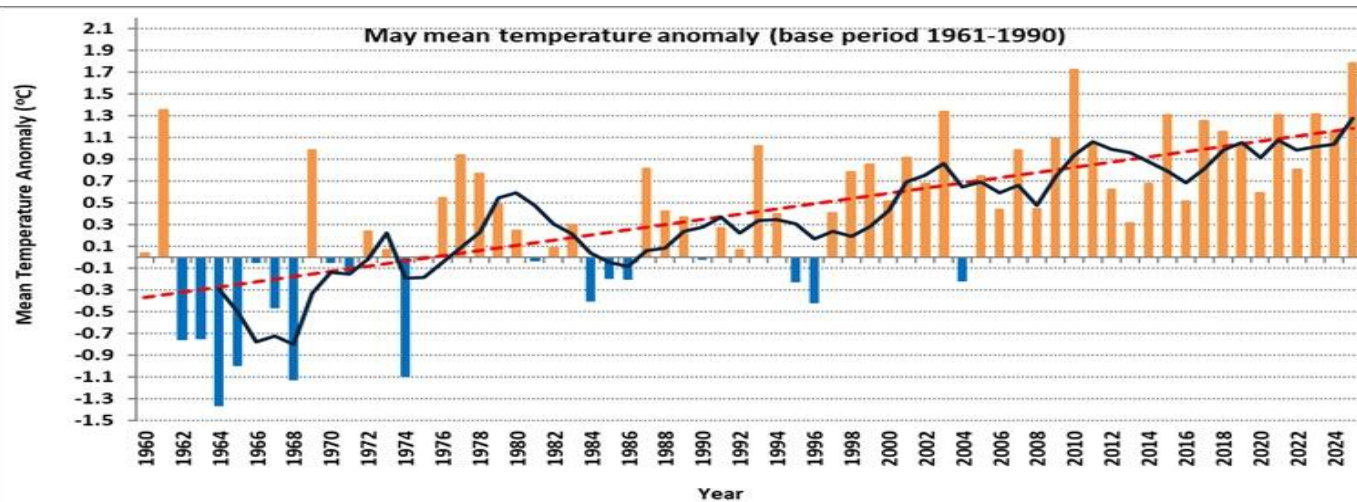
Cold nights



The highest number of cold nights was 04 at Britania and the highest number of cold days was 07 at Bois Cheri.

Cold days



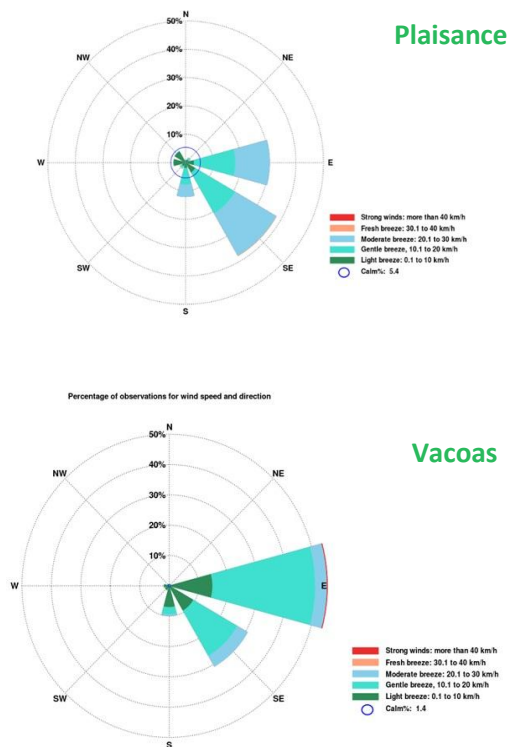


May 2025 was the warmest since the last 60 years.

The mean temperature over the island was 1.11°C warmer than the LTM of 1991-2020.

The mean maximum temperature was 0.7 °C warmer than long-term mean and the mean minimum temperature was 1.5 °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.

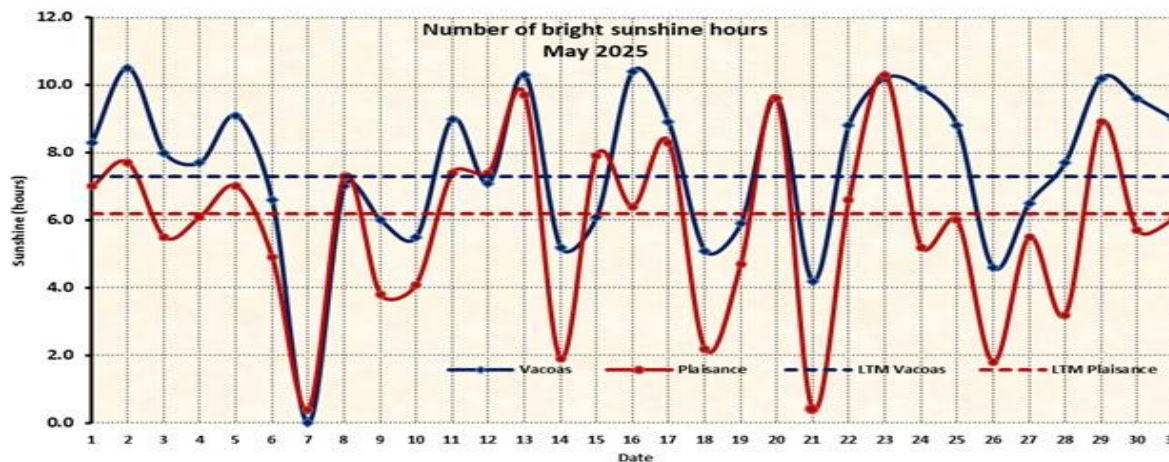
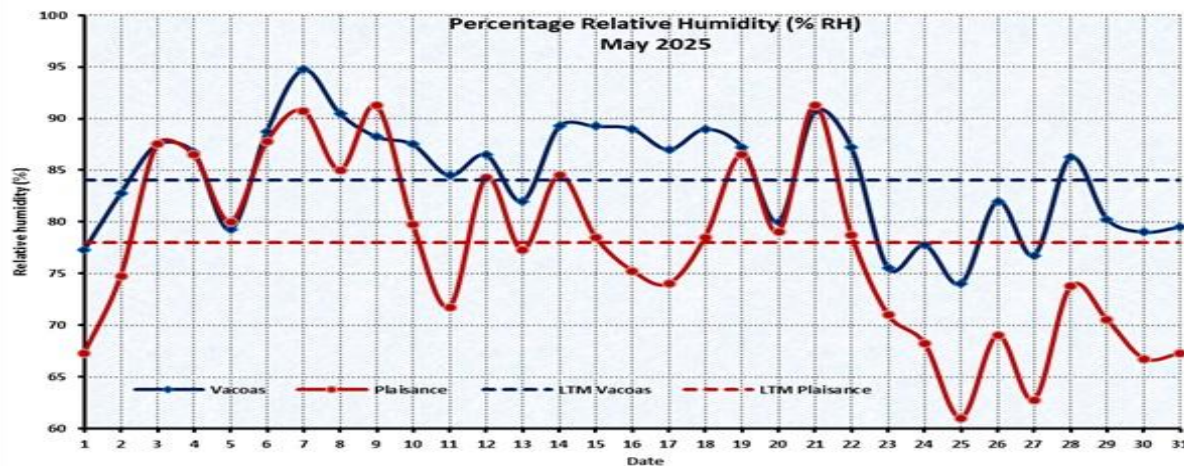
The highest gusts recorded during May 2025 were as follows:

Regions	Highest gusts (km/h)	May
Le Morne	91	06
Signal Mt.	87	30
Bagatelle Dam	82	06
D. Les Pailles	79	6, 29
Plaisance (Pulsonic)	77	26
Champ de Mars	76	06
Vacoas	66	24
St. Felix	65	19

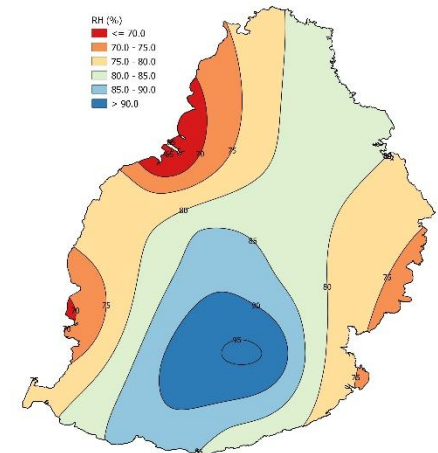
Sunshine and Humidity

The mean relative humidity for the month was 84% at Vacoas and 77% at Plaisance. The daily humidity ranged from 74% to 95% at Vacoas and from 61% to 91% at Plaisance.

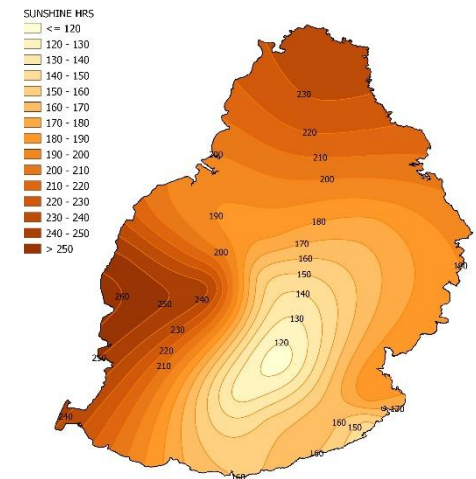
The average number of daily bright sunshine hours was 7.6 at Vacoas and 5.8 at Plaisance (anomaly of +0.3 at Vacoas and -0.4 at Plaisance). The total number of bright sunshine hours for the month was 235.8 at Vacoas and 178.9 at Plaisance.



**Monthly mean humidity
May 2025**



**Monthly total sunshine hours
May 2025**

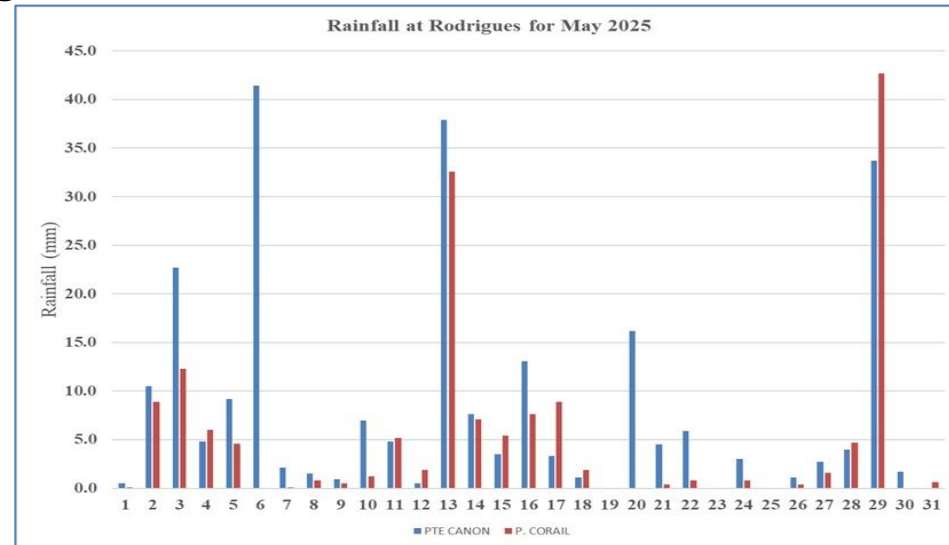
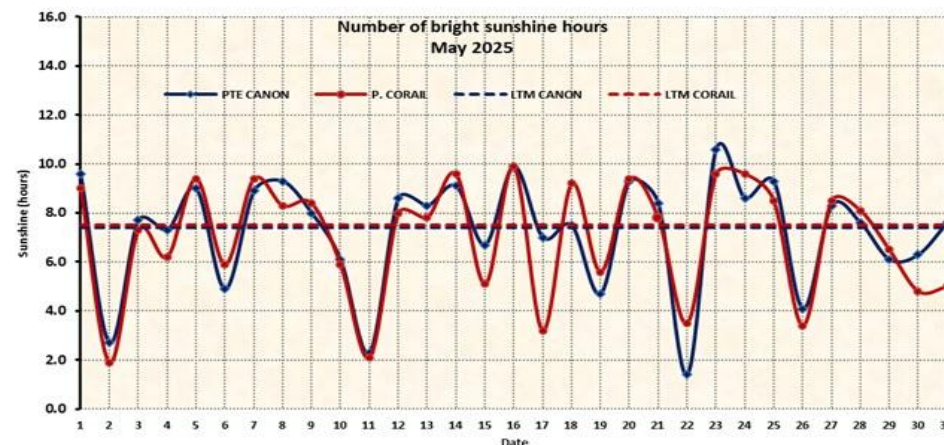
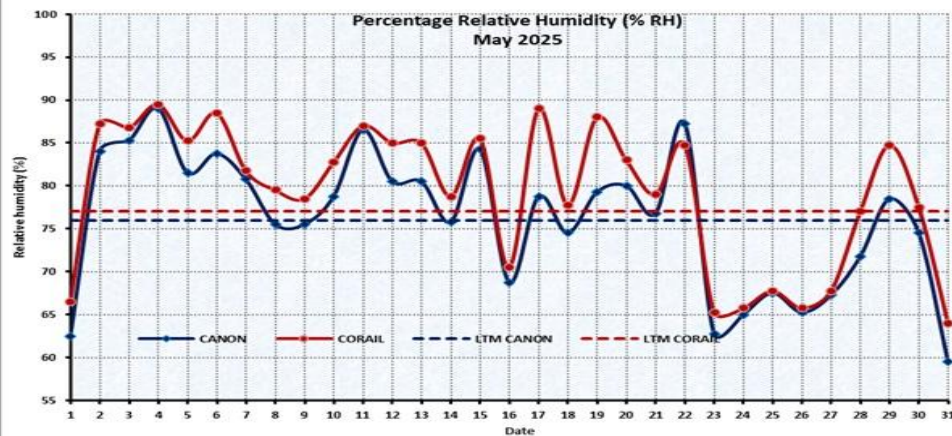


Climate Rodrigues

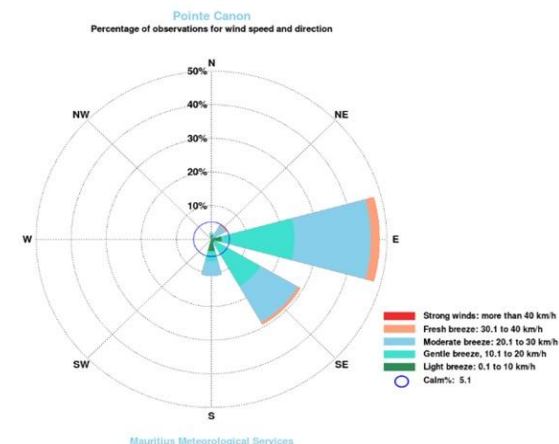
Sunshine and Humidity

The mean relative humidity for the month was 76% at Pointe Canon and 79% at Plaine Corail. The daily humidity ranged from 60% to 89% at Pointe Canon and from 64% to 90% at Plaine Corail.

The average number of daily bright sunshine hours was 7.3 at Pointe Canon and 7.0 at Plaine Corail (anomaly of -0.1 at Pointe Canon and -0.5 at Plaine Corail). The total number of bright sunshine hours for the month was 225.2 at Pointe Canon and 216.9 at Plaine Corail.

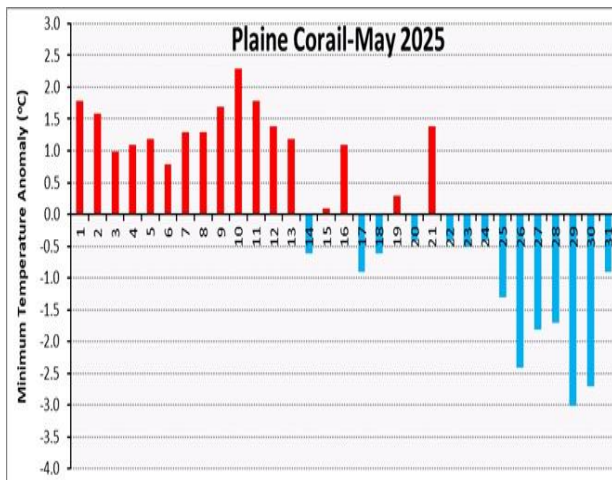
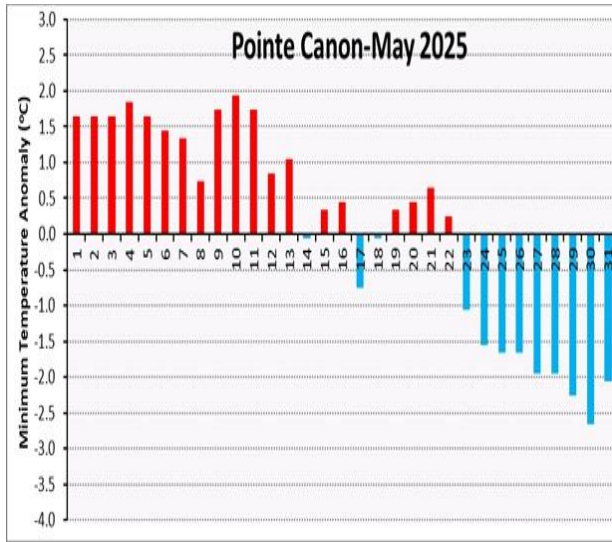


Rainfall was well above the normal for May 2025 at Rodrigues. Pointe Canon recorded 245 mm of rainfall (266% of the long-term mean) and Plaine Corail recorded 157 mm of rainfall (206% of the long-term mean). May 2025 was the wettest since the last 30 years at Pointe Canon



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

Minimum Temperature



Temperature

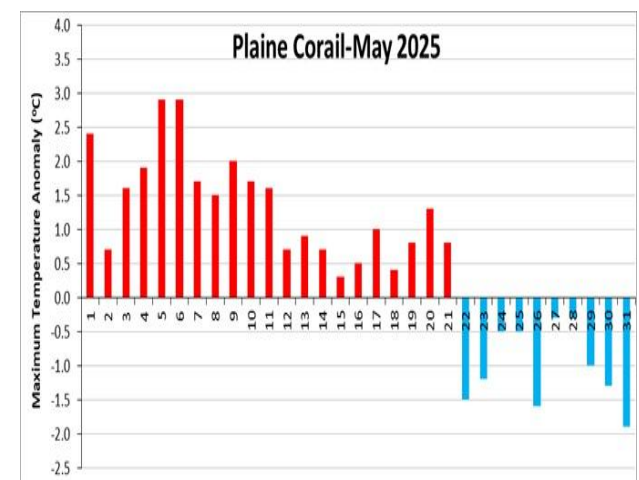
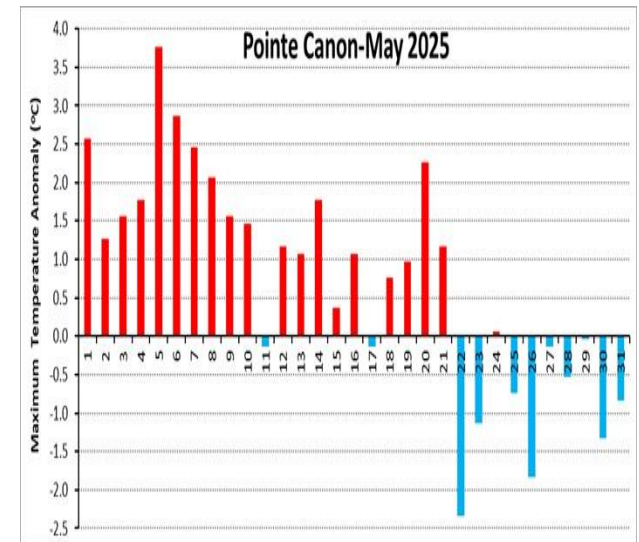
Minimum temperature was on average $+0.1^{\circ}\text{C}$ warmer than the normal both at Pointe Canon and Plaine Corail.

Maximum temperature was on average $+0.7^{\circ}\text{C}$ and $+0.6^{\circ}\text{C}$ 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	24.0 °C (10 May)	31.6 °C (05 May)
Lowest	19.4 °C (30 May)	25.5 °C (22 May)
Plaine Corail		
	Min	Max
Highest	24.3 °C (10 May)	30.8 °C (05 & 06 May)
Lowest	19.0 °C (29 May)	26.0 °C (31 May)

Maximum Temperature

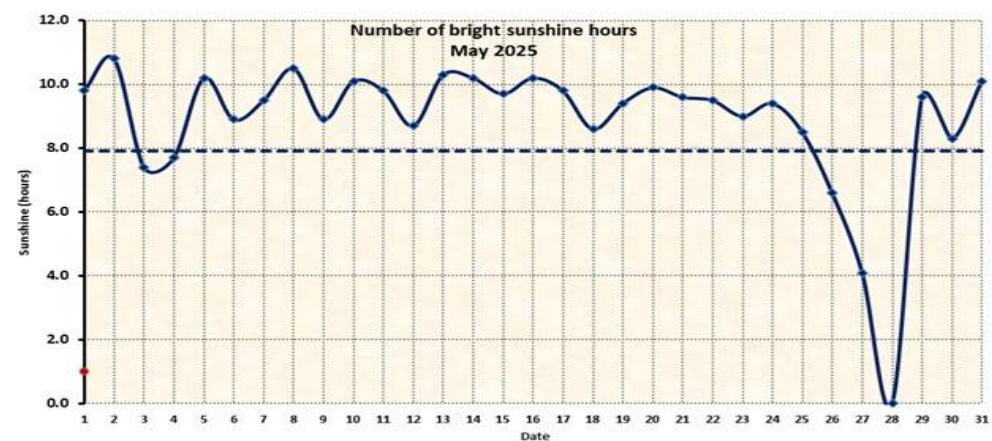
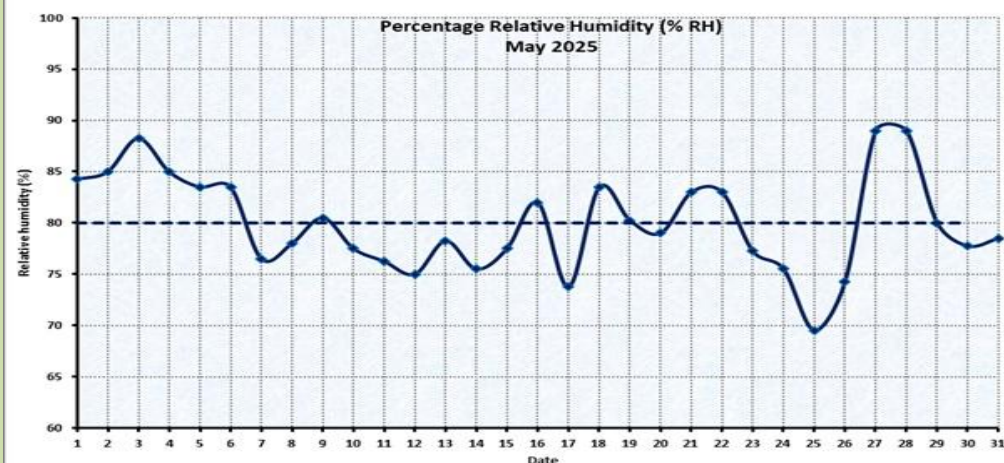


Climate Agalega

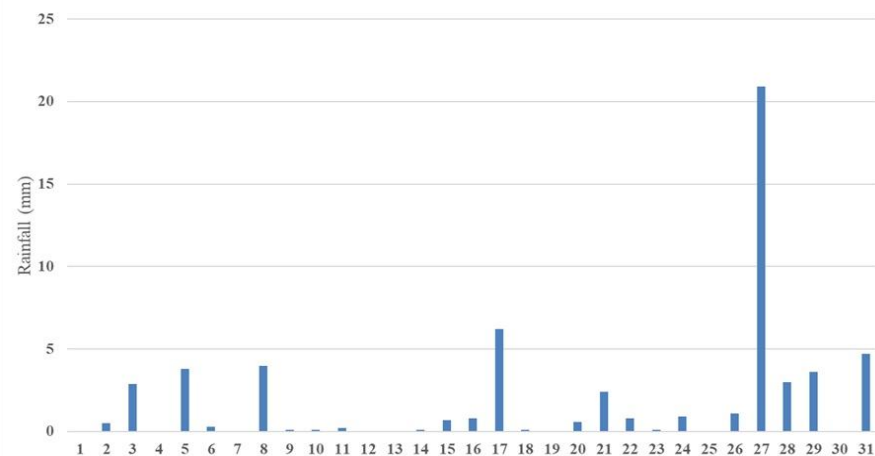
Sunshine and Humidity

The mean relative humidity for the month at Agalega was 80 %. The daily humidity ranged from 70 % to 89 %.

The average number of daily bright sunshine hours was 8.8 at Agalega (anomaly of +0.9). The total number of bright sunshine hours for the month at Agalega was 275.1

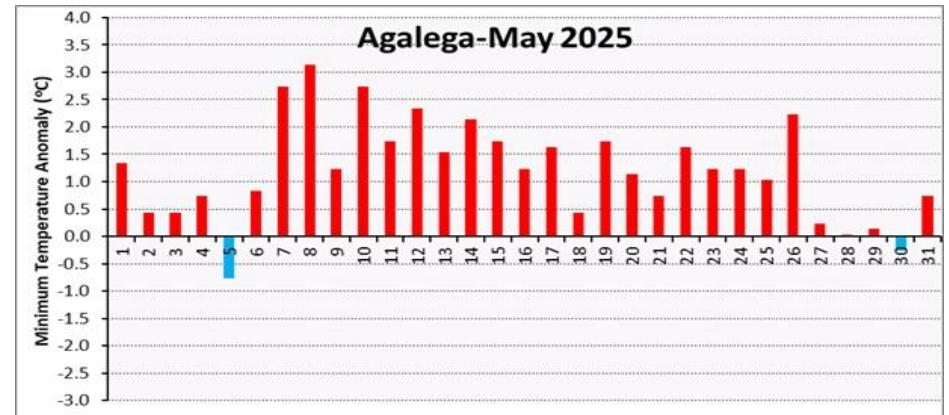


Rainfall at Agalega for May 2025



Rainfall was well below normal for May 2025 at Agalega with about 54 mm and representing 46 % of the long-term mean. The highest 24-hour rainfall for the month was 20.9 mm, recorded on 27 May.

Maximum & Minimum Temperature – May 2025



The mean maximum temperature was 1.8 °C warmer than the normal and the mean minimum temperature was 1.2 °C warmer than the normal at Agalega. The highest maximum temperature and lowest maximum temperature recorded at Agalega were 33.7 °C (04 May) and 29.1 °C (28 May) respectively. The highest minimum temperature and lowest minimum temperature recorded at Agalega were 27.9 °C (08 May) and 24.0 °C (05 May) respectively.