



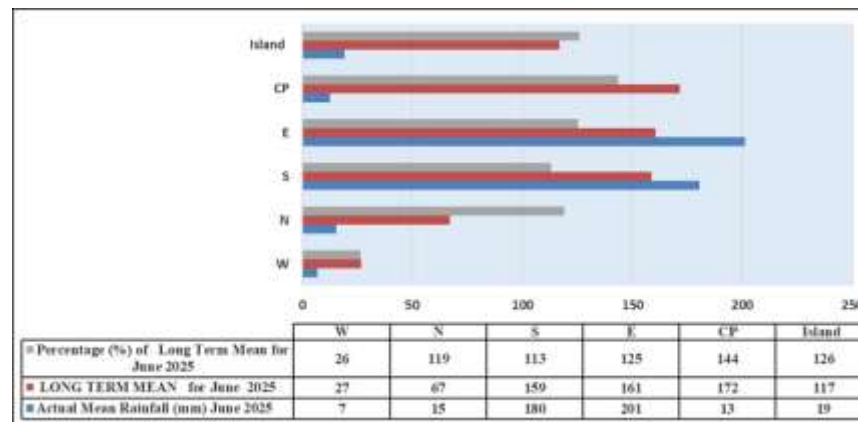
MAURITIUS METEOROLOGICAL SERVICES

Mean Rainfall for 1-30 June 2025 updated on 7 July 2025

Mauritius

June 2025 turned out to be the ninth wettest June since the last 30 years with 147 mm of rainfall, representing 126% of the long-term mean.

The Central Plateau recorded the highest rainfall and percentage amounting to 247 mm and 144% respectively



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	169	73	232
	Plaine Corail	142	62	229
	Citronelle	339	118	287
Agalega		134	106	126
St Brandon*		-	-	-

- Very wet conditions prevailed over Rodrigues. The June 2025's rainfall at Pointe Canon was ranked as the second wettest June since the last 30 years.
- Above normal rainfall was recorded over Agalega.

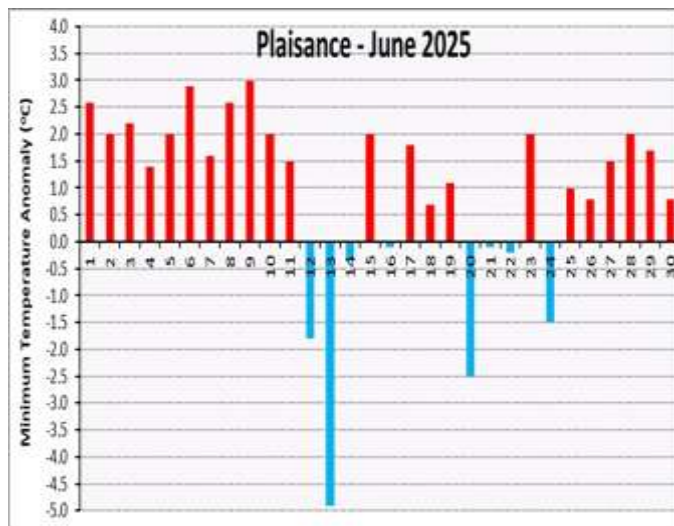
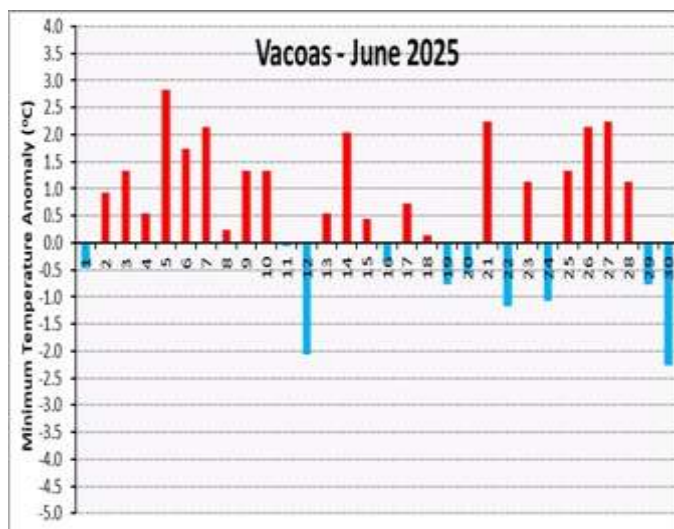
* The St. Brandon Meteorological Station is currently closed



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Temperature for June 2025

Minimum Temperature



Temperature

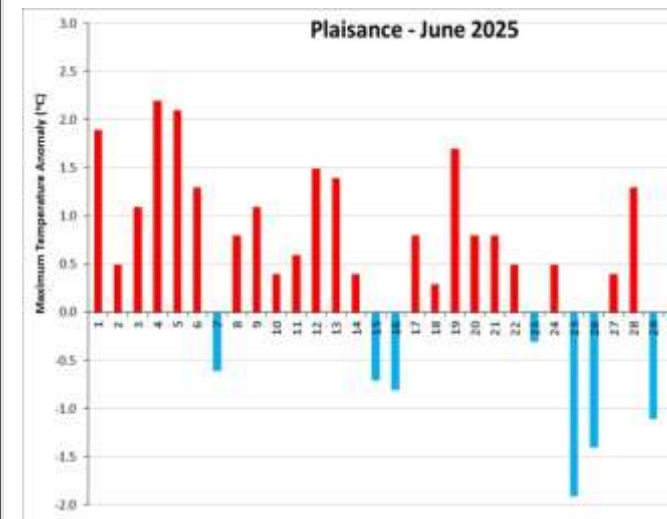
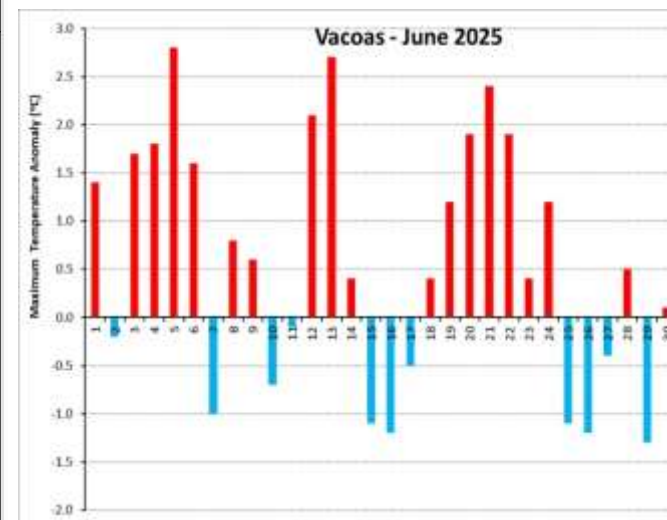
Minimum temperature was on average 0.6 °C and 0.9 °C warmer than the normal at Vacoas and Plaisance respectively.

Maximum temperature was on average 0.6 °C and 0.5 °C warmer than the normal at Vacoas and Plaisance respectively.

The highest and lowest minimum and maximum temperatures recorded at Vacoas and Plaisance were:

Vacoas		
	Min	Max
Highest	19.6 °C (05 June)	25.9 °C (05 June)
Lowest	14.5 °C (30 June)	21.8 °C (29 June)
Plaisance		
	Min	Max
Highest	22.6 °C (09 June)	27.7 °C (04 June)
Lowest	14.7 °C (13 June)	23.6 °C (25 June)

Maximum Temperature



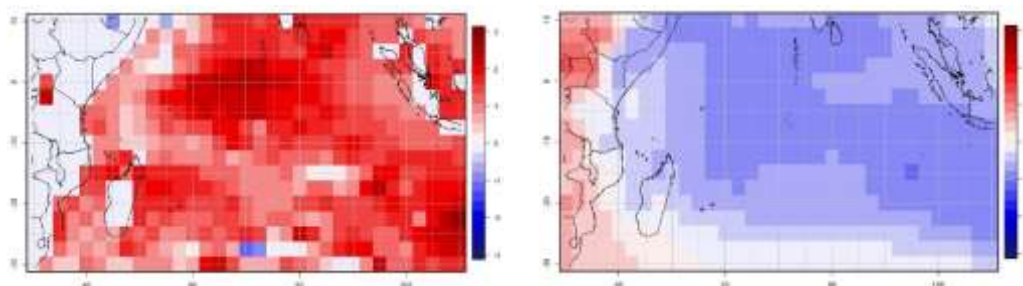


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Rainfall and Temperature Forecast for Jul-Aug-Sep (JAS) 2025

ENSO, IOD and SIOD conditions are expected to remain neutral during the forecast period.

Sea surface temperatures are expected to be above normal and pressure anomalies to be near normal in the Mascarene region as shown in the sst and pressure anomaly charts respectively.



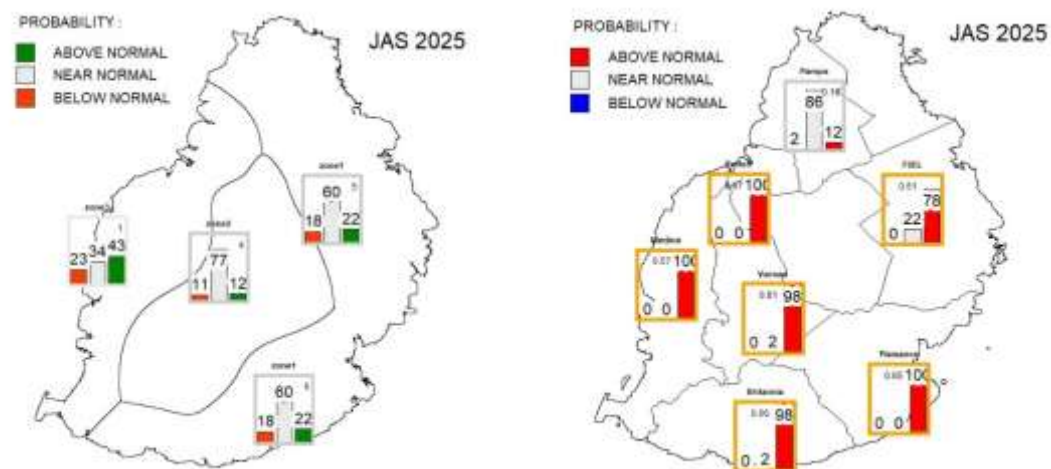
(a) Sea surface temperature (sst) anomaly and (b) pressure anomaly charts for JAS

Consensus rainfall forecast for Mauritius

The cumulative rainfall for July to September 2025 is forecasted to be **near normal** as follows:

- **July:** Below Normal (about 100 mm)
- **August:** Below Normal (about 80 mm)
- **September:** Below Normal (about 65 mm)

Mean temperature is forecasted to be above normal over the whole island.



Statistical Model Forecast of (a) rainfall and (b) temperature for JAS

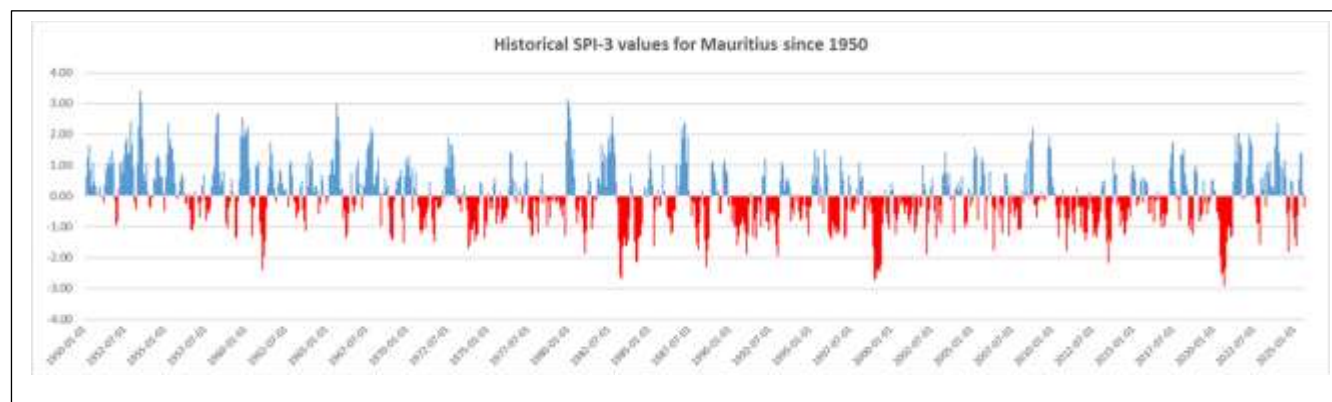


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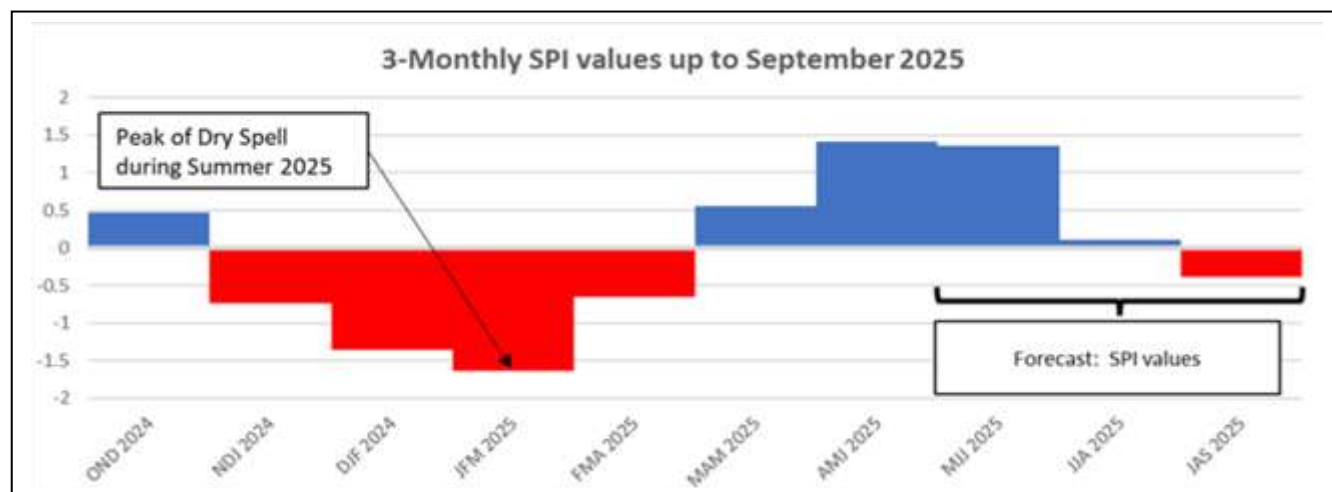
Standardized Precipitation Index (SPI) Monitoring in Mauritius

Aim: To apply the SPI, as approved by the World Meteorological Organisation, in Mauritius to monitor rainfall deficits during dry spell events.

Current Status: **Moderately wet** conditions were observed in **AMJ-25** with an SPI value of **+1.46** as shown in Fig (b). Forecast SPI values for **MJJ-25**, **JJA-25** and **JAS-25** indicate **moderately wet conditions for MJJ-25** with a tendency **to near normal conditions in JJA-25** and becoming weakly dry in **JAS-25** though the SPI value lies in the near normal range. The SPI-3 values are as follows: **+1.36, +0.11 and -0.39** respectively.



(a) Historical SPI-3 values since 1950



(b) Current SPI-3 value, Status & Forecast

Observed SPI Status 2024		
Period	SPI-3 Value	Category
OND-24	+0.47	Near Normal
NDJ-24	-0.66	Weakly Dry
DJF-24	-1.36	Moderately Dry
JFM-25	-1.63	Severely Dry
FMA-25	-0.65	Weakly Dry
MAM-25	+0.56	Near Normal
AMJ-25	+1.46	Moderately Wet
Forecast SPI based on Monthly RR Data		
MJJ-25	+1.36	Moderately wet
JJA-25	+0.11	Near Normal
JAS-25	-0.39	Near Normal

Legend		
WMO SPI Dry/Wet Classifications		
Level	SPI Values	Category
1	+2.0 and above	Extremely Wet
2	+1.5 to +1.99	Very Wet
3	+1.0 to +1.49	Moderately Wet
4	-0.99 to +0.99	Near Normal
5	-1.0 to -1.49	Moderately Dry
6	-1.5 to -1.99	Severely Dry
7	-2.0 and less	Extremely Dry

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