



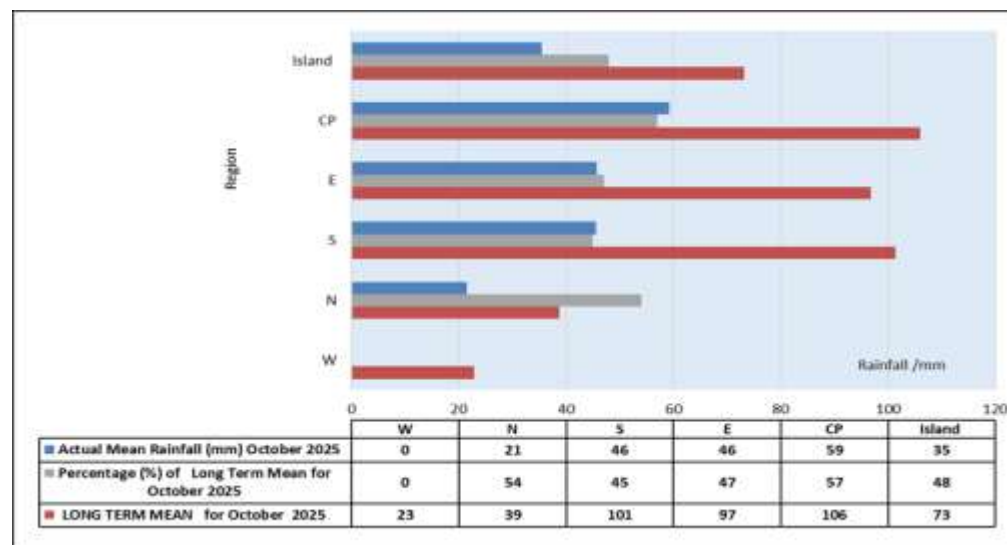
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Mean Rainfall for 1-31 October 2025 updated on 07 November 2025

Mauritius

Dry atmospheric conditions prevailed over island for the month of October 2025, with 35 mm of rainfall, representing 48% of the long-term mean.

The Central Plateau received 59 mm of rainfall, representing 57% of its long-term average, while the Western region experienced no precipitation at all



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	50	51	98
	Plaine Corail	33	45	73
	Citronelle	72	94	77
Agalega		220	95	231
St Brandon*		-	-	-

- For Rodrigues, near normal rainfall was recorded over Pointe Canon, while below normal rainfall were observed over Plaine Corail and Citronelle.
- Very wet atmospheric conditions prevailed over Agalega.

* The St. Brandon Meteorological Station is currently closed



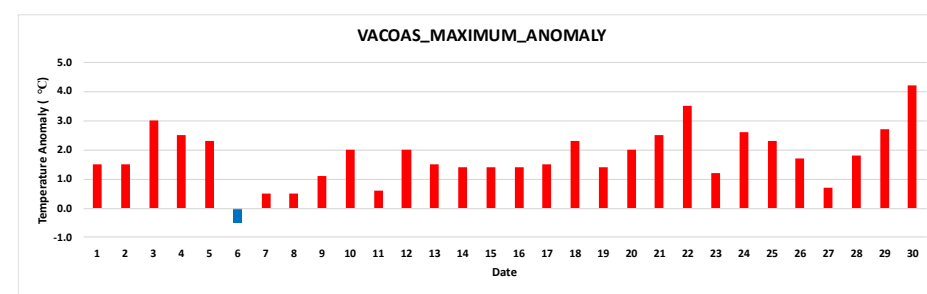
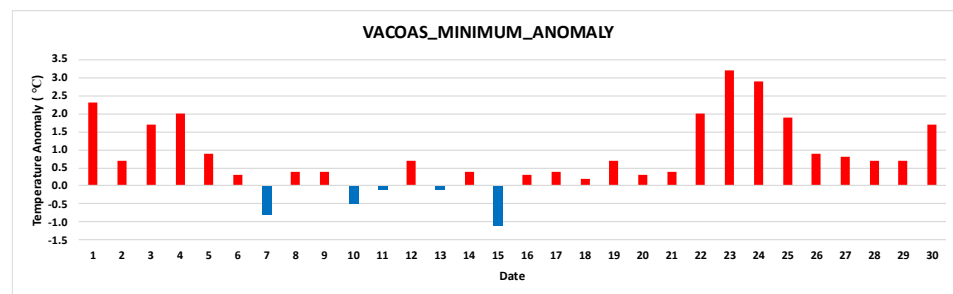
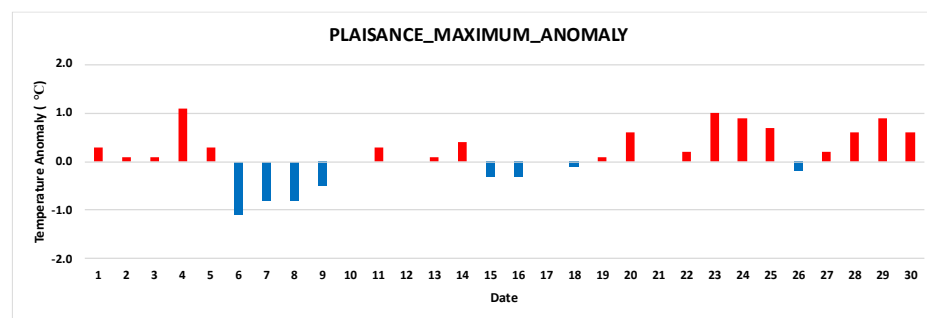
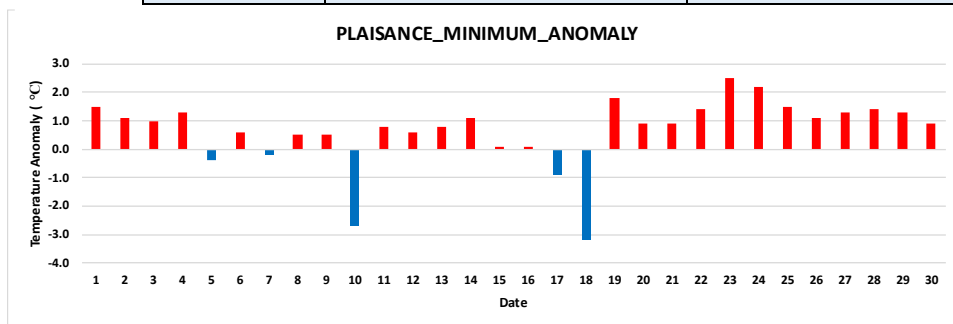
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Temperature for October 2025

Minimum temperature was on average **+0.8 °C** and **+0.7 °C** above the LTM (91-20) at **Vacoas** and **Plaisance** respectively, whereas **Maximum temperature** was on average **+1.8 °C** and **+0.1 °C** above the LTM (91-20) at **Vacoas** and **Plaisance** respectively. Frequency of positive temperature anomaly was more at Vacoas, where an extreme Maximum temperature of **28.7 °C** was recorded on 30 Oct 25.

Table 1: Highest and lowest minimum and maximum temperatures recorded at Vacoas and Plaisance

Vacoas			Plaisance	
	Min	Max	Min	Max
Highest	24.0 °C (06 Oct)	28.7 °C (30 Oct)	25.7 °C (06 Oct)	28.1 °C (31 Oct)
Lowest	16.1 °C (15 Oct)	20.4 °C (23 Oct)	16.9 °C (18 Oct)	22.6 °C (23 Oct)



Figures: Temperature anomaly charts for Maximum and Minimum temperatures at Plaisance and Vacoas

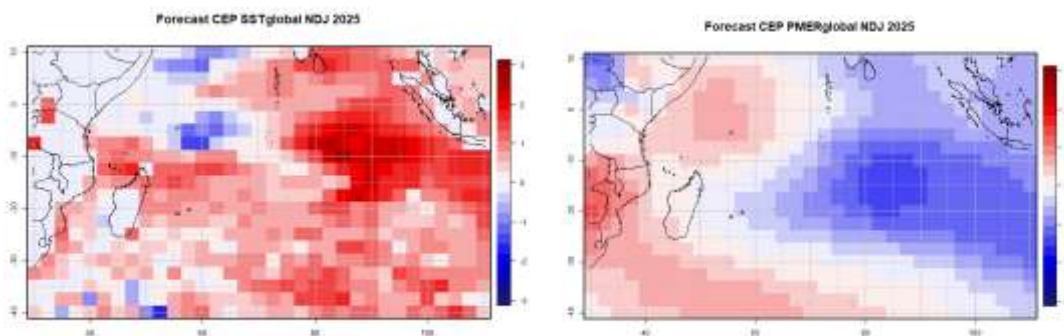


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Rainfall and Temperature Forecast for Nov-Dec-Jan (NDJ) 2025

Negative IOD (Fig a) will persist during Nov-Dec-Jan (2025) and is identified as a cold pool off Somalian coast (NW Indian Ocean) and a warm pool off the Sumatran coast (NE Indian Ocean). SIOD will be **neutral**. Over the Equatorial Pacific Ocean, **ENSO** phase has a tendency towards **weak La Nina**.

Pressure anomalies are expected to be slightly above normal over the Mascarene region with a strong positive anomaly identified over the Eastern part of the Indian Ocean as shown Fig (b).



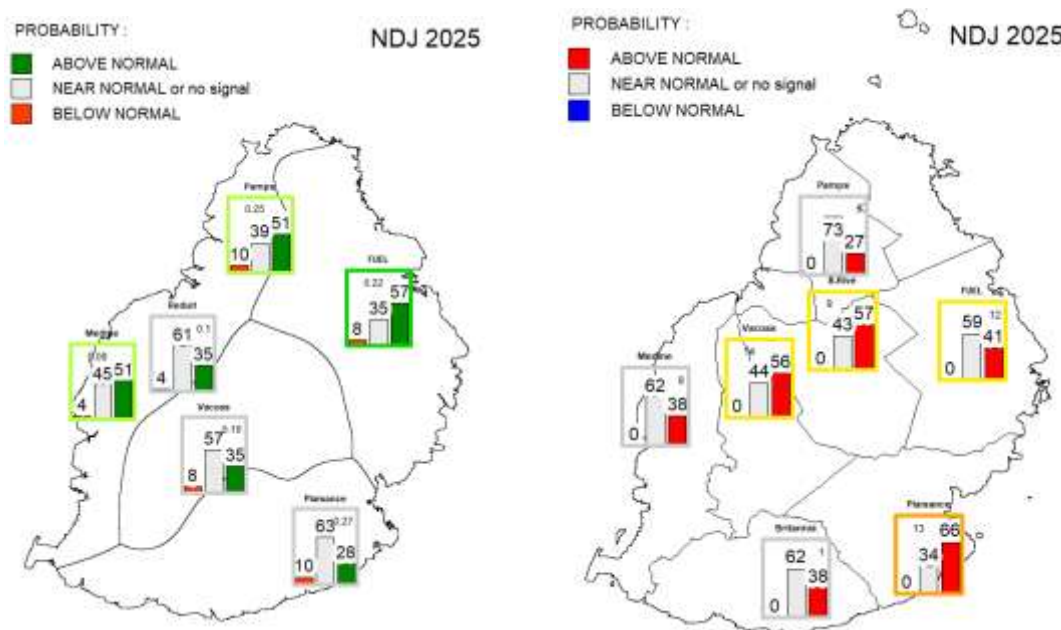
(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for OND

Consensus rainfall forecast for Mauritius

In spite statistical model is predicting near normal rainfall for NDJ-25, based on prevailing regional and global parameters, the cumulative rainfall for **Nov-Dec-Jan (2025)** is forecasted to be **below normal** (around 72% of LTM) as follows:

- **Nov-25:** Below Normal (60 mm)
- **Dec-25:** Below Normal (115 mm)
- **Jan-26:** Below Normal (210 mm)

Mean temperature (Fig b) is forecasted to be **normal to slightly above** over the whole island.



Statistical Model Forecast of (a) rainfall and (b) temperature for NDJ-2025



MAURITIUS METEOROLOGICAL SERVICES

Standardized Precipitation Index (SPI) Monitoring in Mauritius

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

Current Status: Near normal condition was observed in ASO-25 with an SPI-3 value of **+0.12** (Fig b).

SPI Forecast: The on-set of a **weak Dry Spell** is expected in the coming months based on SPI values for SON-25, OND-25 and NDJ-25 which are as follows: **-0.56**, **-0.65** and **-0.51** respectively.

Observed SPI-3 Status 2024/2025		
Period	SPI-3 Value	Category
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	+1.42	Moderately Wet
MJJ-25	+1.66	Moderately Wet
JJA-25	+1.06	Moderately Wet
JAS-25	+0.76	Slightly Wet
ASO-25	+0.12	Near Normal
Forecast SPI-3 based on Monthly RR Data		
SON-25	-0.56	Weakly Dry
OND-25	-0.65	Weakly Dry
NDJ-25	-0.51	Weakly Dry

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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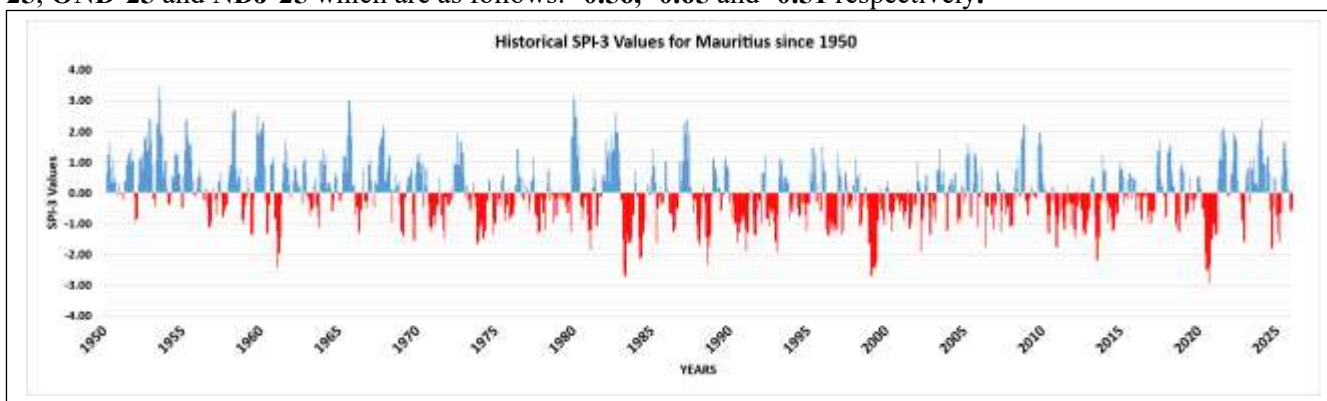
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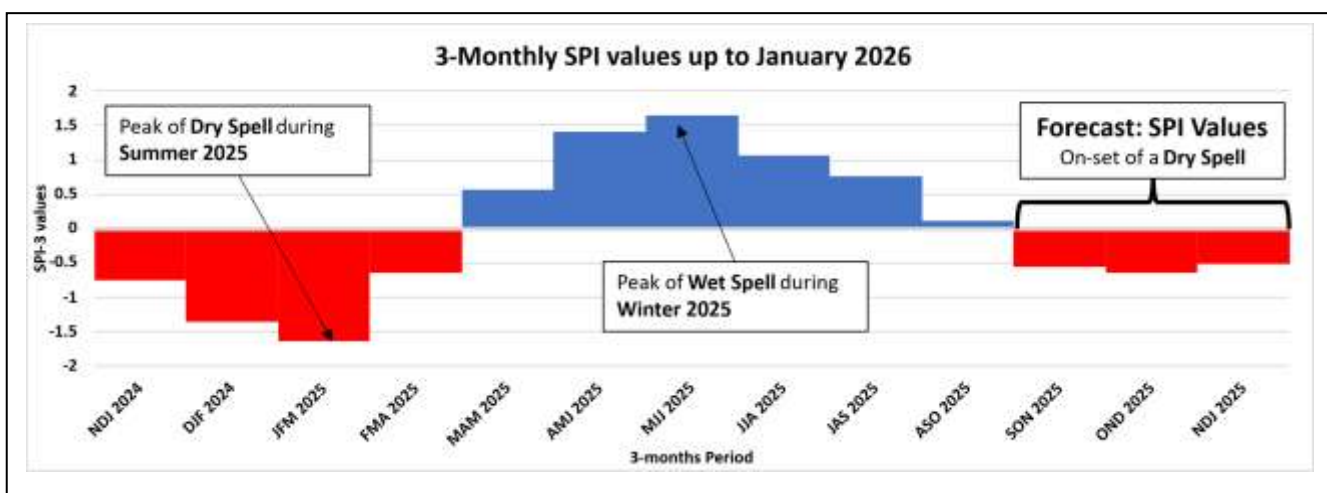
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(a) Historical SPI-3 values since 1950



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