



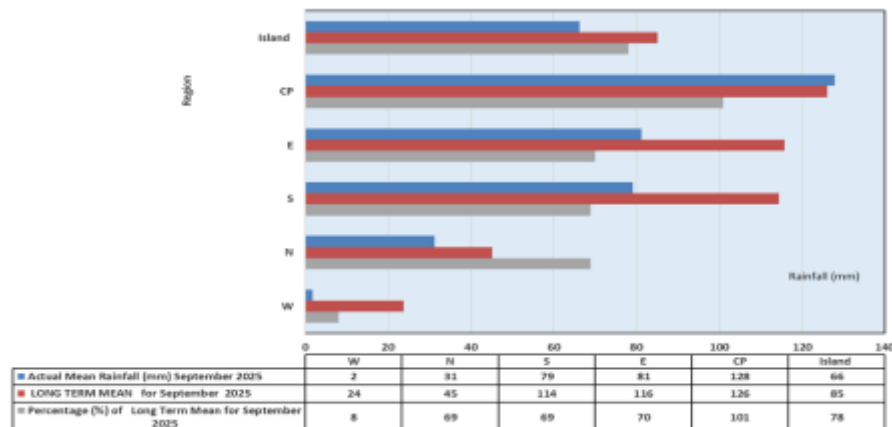
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Mean Rainfall for 1-30 September 2025 updated on 07 October 2025

Mauritius

Below normal rainfall was recorded during the month of September 2025, amounting to 66 mm, representing 78 % of the long-term mean.

The Central Plateau recorded the highest rainfall amount and percentage amounting to 128 mm and 101% respectively.



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	39	47	83
	Plaine Corail	31	45	69
	Citronelle	75	89	84
Agalega		39	56	70
St Brandon*		-	-	-

Below normal rainfall was recorded over Rodrigues and Agalega.

* The St. Brandon Meteorological Station is currently closed



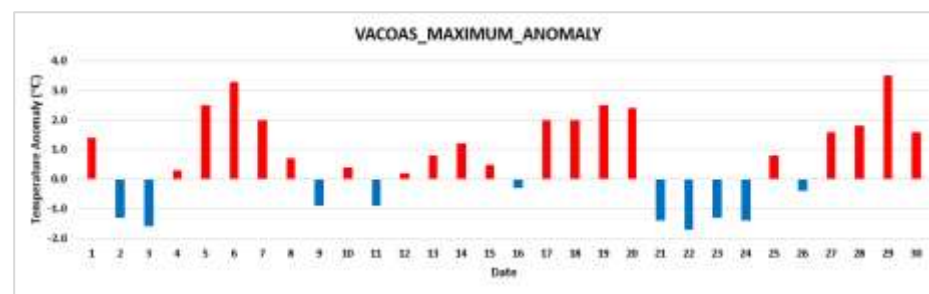
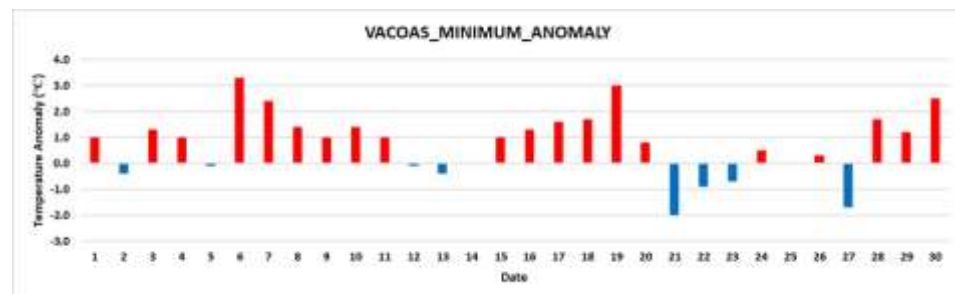
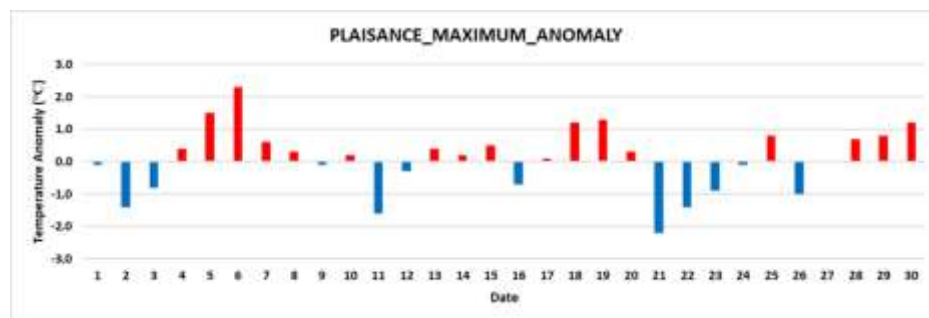
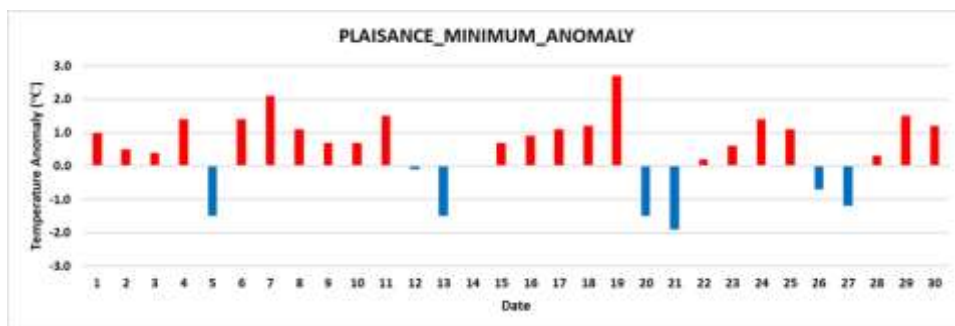
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Temperature for September 2025

Minimum temperature was on average $+0.8^{\circ}\text{C}$ and $+0.5^{\circ}\text{C}$ above the LTM (91-20) at Vacoas and Plaisance respectively, whereas maximum temperature was on average $+0.7^{\circ}\text{C}$ and $+0.1^{\circ}\text{C}$ above the LTM (91-20) at Vacoas and Plaisance respectively.

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

Vacoas			Plaisance	
	Min	Max	Min	Max
Highest	19.4 °C (19 Sep)	26.9 °C (29 Sep)	21.8 °C (19 Sep)	27.5 °C (06 Sep)
Lowest	14.4 °C (21 Sep)	21.2 °C (03 Sep)	17.2 °C (21 Sep)	23.6 °C (21 Sep)



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

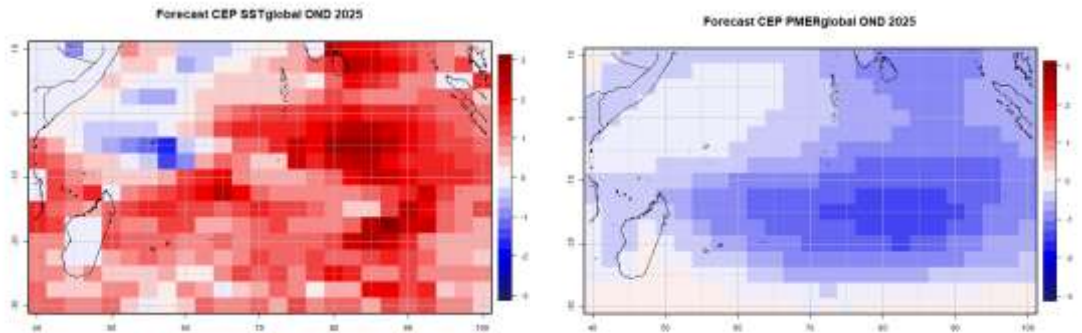


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Rainfall and Temperature Forecast for Oct-Nov-Dec (OND) 2025

Negative IOD (Fig a) is expected during Oct-Nov-Dec (2025) and is identified as a cold pool developing 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 neutral conditions may persist in Oct-25** with a tendency towards **weak La Nina** developing in Nov-25.

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).



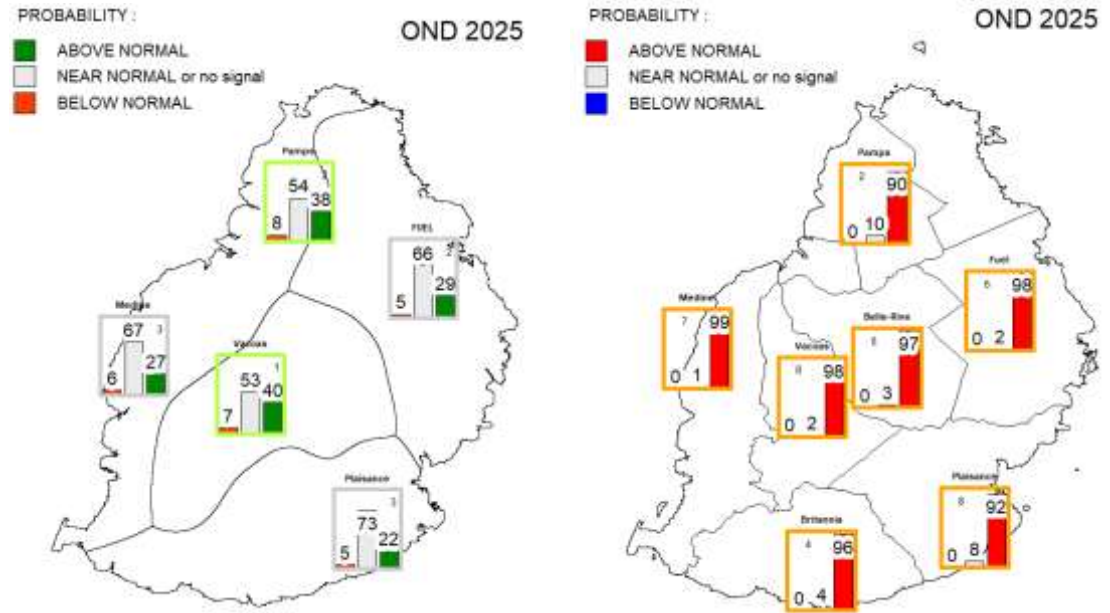
(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for OND

Consensus rainfall forecast for Mauritius

In spite statistical rainfall forecast is showing a normal tendency, the cumulative rainfall for **Oct-Nov-Dec (2025)** is forecasted to be **Slightly Below Normal** as follows:

- **October:** Slightly Below Normal (about 65 mm)
- **November:** Slightly Below normal (about 70 mm)
- **December:** Near Normal (about 150 mm)

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



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



MAURITIUS METEOROLOGICAL SERVICES

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: Near normal condition was observed in **JAS-25** with an SPI-3 value of **+0.76** (Fig b).

SPI Forecast: SPI values for **ASO-25**, **SON-25** and **OND-25** indicate **near normal conditions** with values in the positive range as follows: **+0.53**, **+0.08** and **+0.08** 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	Near Normal
Forecast SPI-3 based on Monthly RR Data		
ASO-25	+0.53	Near Normal
SON-25	+0.08	Near Normal
OND-25	+0.08	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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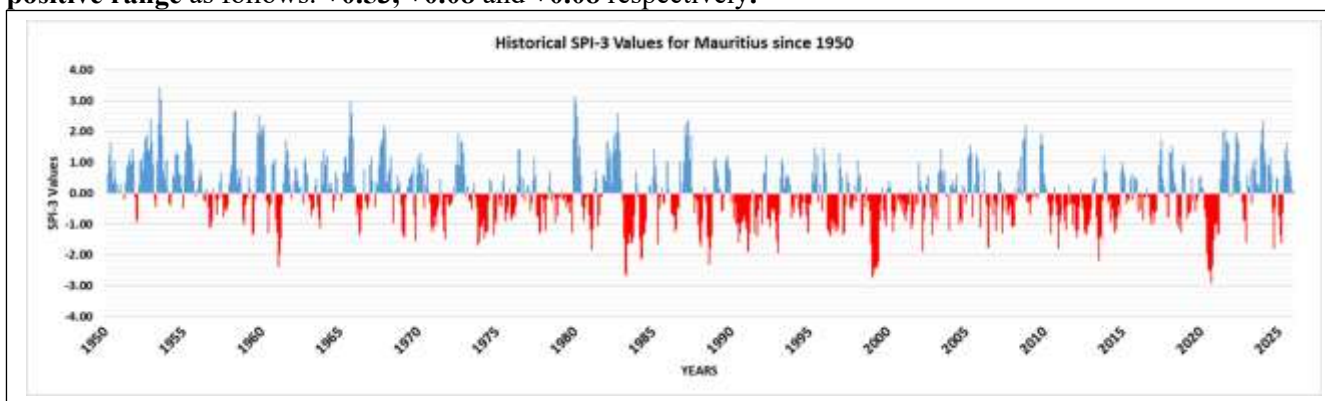
Acting Director, Meteorological Services,

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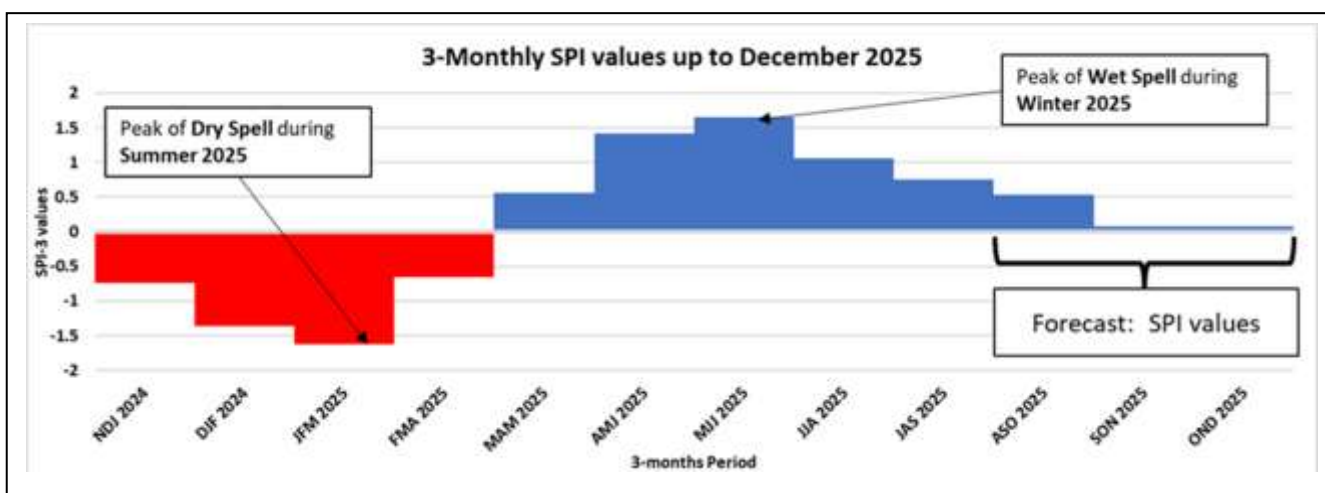
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(a) Historical SPI-3 values since 1950



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