



## Tonga Climate Update & Climate Outlook



August - October 2025

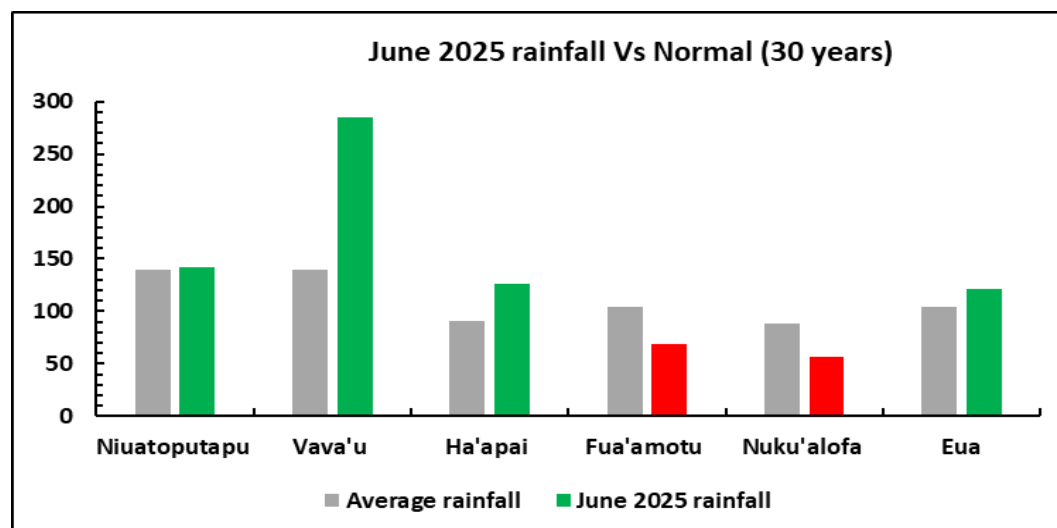
Issued: 17 July 2025

### Recent - June 2025

- Average to above average rainfall received across the country except, refer to Table 1 below.
- Vava'u received the highest monthly rainfall and also recorded the highest daily rainfall which was 146.5mm on the 24<sup>th</sup>. This is also the 3<sup>rd</sup> highest June rainfall for Vava'u.
- The mean air temperature was 23.6°C which was 0.8°C cooler than average.
- Highest maximum temperature was 31.3°C recorded at Nuku'alofa on the 1<sup>st</sup>.
- Lowest minimum temperature was 13.8°C recorded at 'Atele, Tongatapu on the 16<sup>th</sup>. The lowest June minimum temperature still remain on record at 10.2°C recorded on the 3<sup>rd</sup> of June 1985 at Fua'amotu.

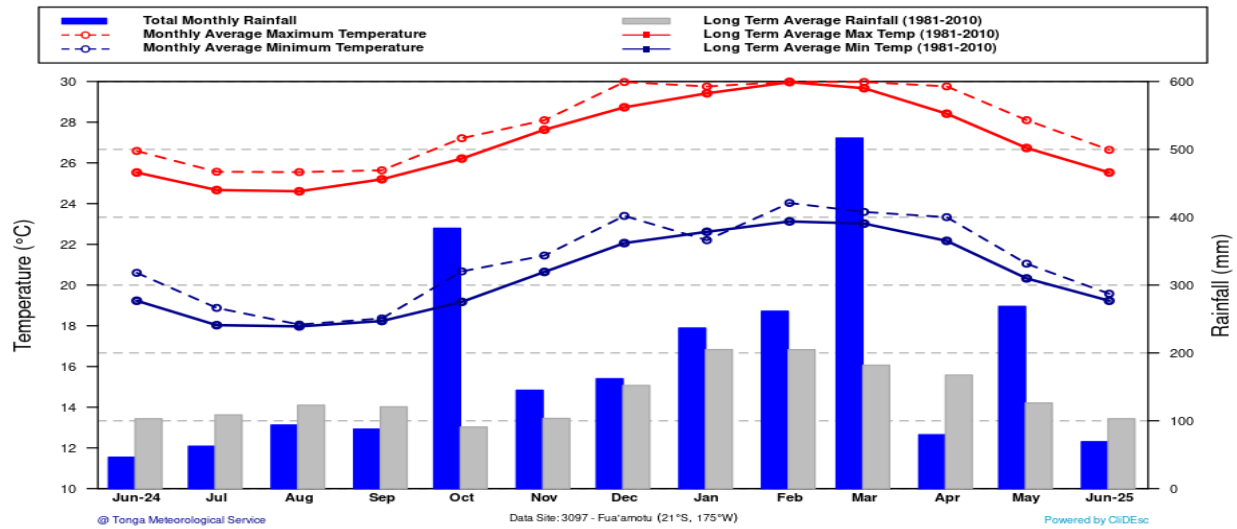
Table 1.

Rainfall totals (mm) for the last six months, January to June 2025						
	January	February	March	April	May	June
Niuafo'ou	n/a	n/a	n/a	n/a	n/a	n/a
Niuaotuputapu	623.9	374.4	305.0	71.6	350.9	141.6
Vava'u	249.6	161.0	315.2	205.0	305.2	284.6
Ha'apai	178.8	343.3	326.8	53.5	329.5	126.6
Fua'amotu	236.7	261.5	516.7	79.5	268.6	69.2
Nuku'alofa	121.0	470.0	400.5	61.0	187.0	57.0
'Eua	284.0	413.2	398.8	186.1	251.0	120.7
Below normal		Normal (usual)			Above normal	

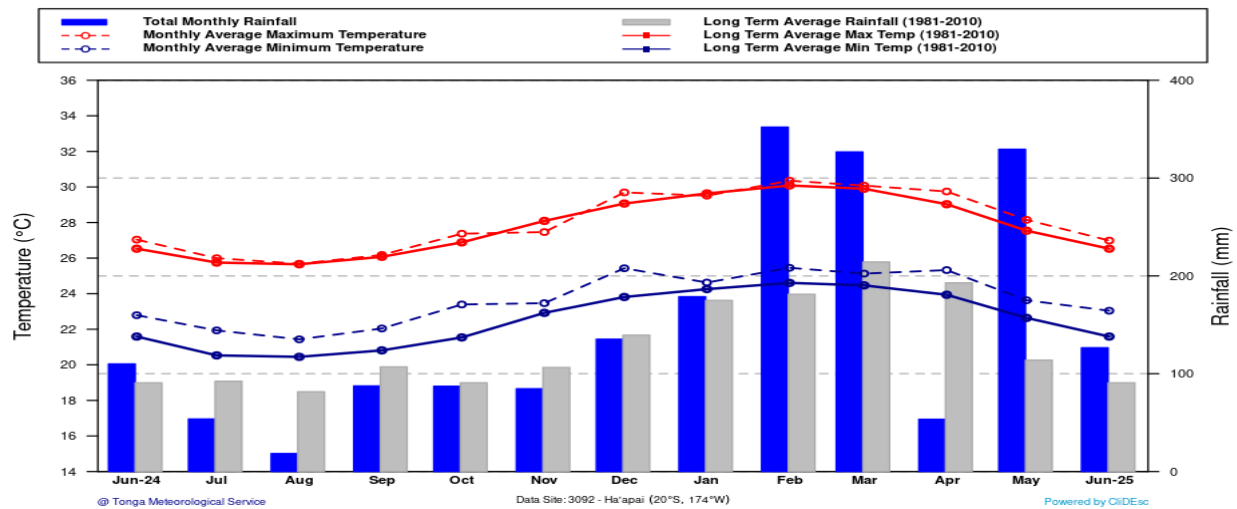


# Temperatures & Rainfall for the main islands for the last 13 months

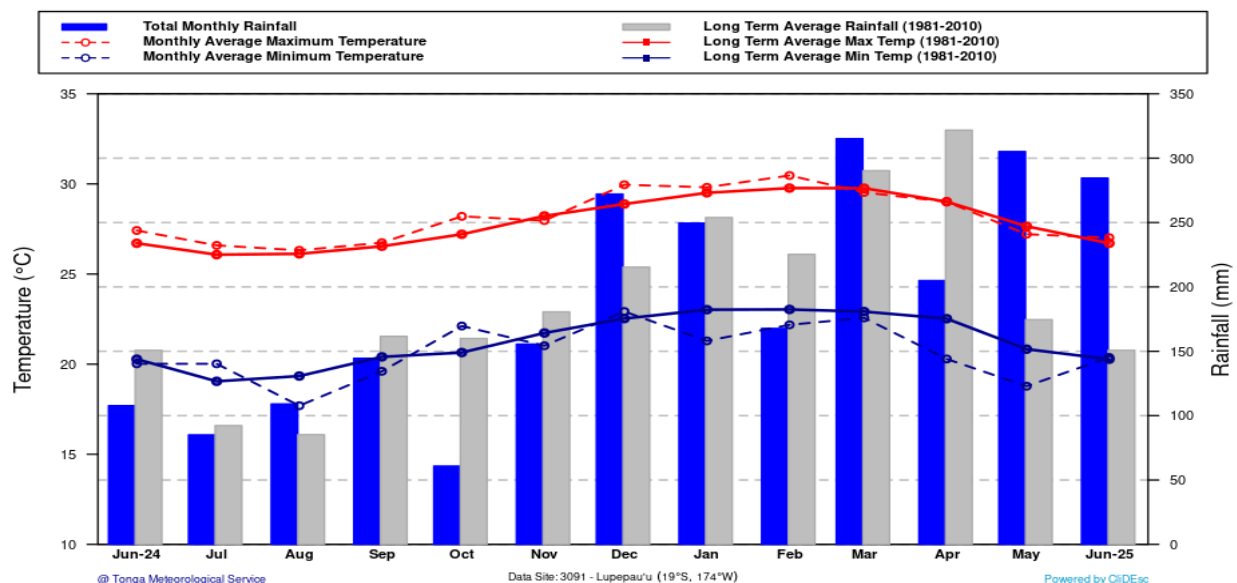
**Fua'amotu (3097) - Temperature & Rainfall for the last 13 Months**  
(June, 2024 - June, 2025)



**Ha'apai (3092) - Temperature & Rainfall for the last 13 Months**  
(June, 2024 - June, 2025)



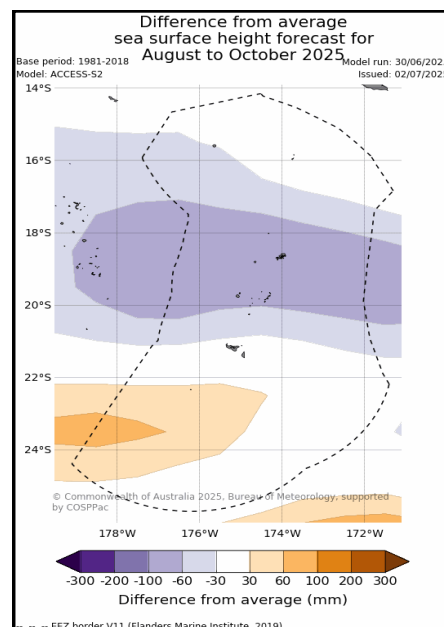
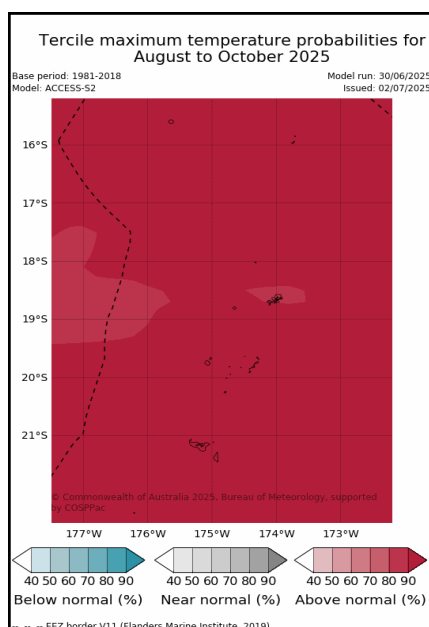
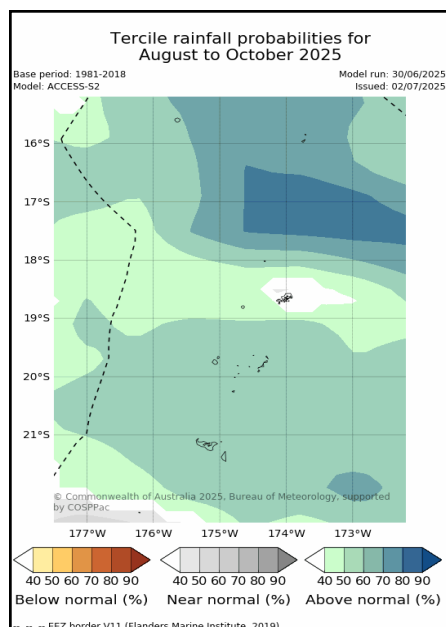
**Lupepau'u (3091) - Temperature & Rainfall for the last 13 Months**  
(June, 2024 - June, 2025)



## Climate outlook for August to October 2025

- Near normal to above normal rainfall for all of Tonga.
- Warmer than average maximum air temperature across the country.
- Sea level forecast shows average to below average heights across Tongatapu to northern Tonga waters, while above average heights to the south of Tongatapu waters.

Location	Rainfall Outlook August — October 2025		% Chance (This is the % chance that this outlook will occur).
Niuafo'ou	Near normal to above normal	313mm – 469mm	40 - 50
Niutoputapu	Near normal to above normal	273mm – 509mm	60 - 70
Vava'u	Near normal to above normal	335mm – 474mm	60 - 70
Ha'apai	Above normal	235mm – 355mm	40 - 50
Fua'amotu	Above normal	280mm – 405mm	50 - 60
Nuku'alofa	Above normal	273mm – 368mm	50 - 60
'Eua	Above normal	267mm – 398mm	50 - 60



## Traditional knowledge indicators for the winter season.

- Shorter days and cooler temperatures act as a signal to the trees and plants around us to get ready for winter.
- When leaves of trees falls it indicates that winter is coming. Leaves fall off trees so that the trees can survive the winter.
- Rooster crows at night before 12 midnight is an indication that it will be a very cold night.
- When millipedes are observed inside the house, expect cooler temperatures.

## **Tongan Calendar and traditional knowledge:**

### **Parts of Hilinga kekekele, Hilinga mea'a, 'Ao'ao, Tanumanga. (July –September 2025)**

This is the season when soil is still attached to the yam tubers ready to be planted.

## **Tonga Lunar Calendar 2025**

<b>Lunar 2025</b>	<b>First quarter Moon</b>	<b>Full moon</b>	<b>Third quarter moon</b>	<b>New moon</b>	<b>First quarter moon</b>
January	7	14	22	30	
February	5	13	21	28	
March	7	14	23	30	
April	5	13	21	28	
May	5	13	21	27	
June	3	11	19	25	
July	3	11	18	25	
August	2	9	16	23	31
September		8	14	22	30
October		7	14	22	30
November		6	12	20	28
December		5	12	20	28

### **Note:**

It is still the dry season which started on 1<sup>st</sup> May 2022 and will last till end of October 2022. It is also called the cool dry season. On average, during this period we receive less rainfall than during the wet season.

According to the current status, previous 3 months rainfall and rainfall outlook (Refer Table1), it is advised to collect water when it rains and use it wisely. Public are advised to ensure that you stay alert at all times and get the latest weather forecast and warnings from the Met service. It is also advisable to seek advice from relevant authorities of sensitive sectors, e.g. Agriculture, Water, Health and the National Disaster Risk Management Office (NDRMO) on the best practices to save lives and property and minimize the effects of natural disaster.

***The next Climate update will be issued second week of August 2025 or earlier***

### **Disclaimer:**

This summary is prepared as soon as possible following the end of the month, once climate data is received from recording stations around Tonga. Delays in data collection, communication and processing occasionally arise. While every effort is made to verify observational data, the Tonga Meteorological Service makes no statements, representations, or warranties about the accuracy or completeness of, and you should not rely on, any information contained in this report. Despite our best efforts, TMS makes no warranties that the information in this publication is free of numerical errors. TMS disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages and costs you might incur as a result of the information being inaccurate or incomplete in any way, and for any reason. This information should be used as a guidance only. For further information about this forecast should be directed to the Director of the Tonga Meteorological Service, at P.O. Box 1380, Nuku'alofa. Or email at [metstaff@met.gov.to](mailto:metstaff@met.gov.to) Tel: (676) 0800638/ 7400062 or our website: <http://www.met.gov.to> for more information.