



# TONGA METEOROLOGICAL SERVICES

## 10 Days Rainfall Outlook for Tonga

**Issued Time: 5:00am (24<sup>th</sup> December, 2024)**

**Next Issue Time: 5:00pm (24<sup>th</sup> December 2024)**

Island Divisions	Tuesday 24 <sup>th</sup> December	Wednesday 25 <sup>th</sup> December	Thursday 26 <sup>th</sup> December	Friday 27 <sup>th</sup> December	Saturday 28 <sup>th</sup> December	Sunday 29 <sup>th</sup> December	Monday 30 <sup>th</sup> December	Tuesday 31 <sup>st</sup> December	Wednesday 01 <sup>st</sup> January	Thursday 02 January
Niuafu'ou	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Niuatoputapu	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Vava'u	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Ha'apai	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Tongatapu	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
'Eua	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%

### Confidence Level

**Low: 0 - 20%** likelihood (or 1 chance in 10) that the event will actually happen.

**Moderate: 20 - 50%** likelihood (or 2 to 5 chances in 10) that the event will actually happen.

**High: 50 - 70%** likelihood (or 5 to 7 chances in 10) that the event will actually happen.

**Very High: 70 - 100%** likelihood (or 7 to 10 chances in 10) that the event will actually happen.

### **Rain amount: 0 – 1.1mm (Mainly fine with little to no rain)**

#### **Impacts:**

- Water plants and crops as necessary
- Carry umbrella or Sun Screen to protect you from the Sun, and have drinking water available
- Generally, a Good Day for outdoor activities (e.g., Laundry, picnics, wedding ceremonies, sports activities etc....)
- Watch out for prolonged dry periods (red colour) for more than 14 days (drought).

### **Rain amount: 1.1 – 5mm (Cloudy periods with Light Showers or Light Rain: puddles form slowly)**

#### **Impacts:**

- School children may need to take rain coats or umbrella with them just in case of passing showers.
- Down pipes and water catchments should be clean and ready to receive as much water as possible.
- Expect slight muddy road conditions in some low-lying areas.
- Household outdoor activities (e.g., BBQ, Birthday Celebrations, clean up or Tapa Making etc.) should be planned to consider that there will be periods of rain.
- Favourable for Outdoor gardening especially planting.

### **Rain amount: > 5mm (Generally Cloudy or Overcast with Rain or Heavy Showers: puddles rapidly forming and down pipes flowing freely)**

#### **Impacts:**

- Green means listening to radio for the weather forecast for any possible heavy rain or flood warnings.
- Possible Flooding and school cancellations if more than 50mm.
- Muddy ground conditions are likely, plan accordingly (e.g., use 4-wheel drive when going to the plantation)
- General Public should take rain coats/umbrellas with them and spare changing clothes.
- Beware of elevated chances of soil erosion and run offs in slope areas.
- Plan for indoor activities (e.g., indoor workshops, accounting, planning, etc....)
- Mosquitoes could be a problem, two weeks after continuous periods of heavy rain.



# VA'A VAKAI MATANGI 'A TONGA

## Fakamatala 'Uha 'Aho 'e 10 ki he 'Otu Tonga

**Taimi tuku atu 'o e Fakamatala 'Uha: 5:00am (24 'o Tisema 2024)**

**Taimi tuku atu 'o e Fakamatala 'Uha ka hoko: 5:00pm (24 'o Tisema 2024)**

Ngaahi Vahefonua	Tusite 24 Tisema	Pulelulu 25 Tisema	Tu'apulelulu 26 Tisema	Falaite 27 Tisema	Tokonaki 28 Tisema	Sapate 29 Tisema	Monite 30 Tisema	Tusite 31 Tisema	Pulelulu 01 Sanuali	Tuapulelulu 02 Sanuali
Niuafo'ou	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Niutatoputapu	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Vava'u	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Ha'apai	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
Tongatapu	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%
'Eua	90%	80%	70%	60%	50%	40%	30%	20%	20%	20%

**Ko e faingamalie ke hoko e lanu 'oku valivali:**

Si'isi'i 'aupito faingamalie ki he lanu 'oku valivali: 0 -20%

Si'isi'i faingamalie ki he lanu 'oku valivali: 20 - 50%

Lahi e faingamalie ki he lanu 'oku valivali: 50-70%

Lahi 'aupito e faingamalie ki he lanu 'oku valivali: Lahi hake 'i he 70%

	<p><b><u>Lahi 'o e 'Uha: 0 – 1.0mm (Lahi 'Alomalie pea si'is'i 'aupito pe ke 'ikai ha 'uha)</u></b></p> <p><b><u>Ko e ngaahi Uesia mo e Tokateu ke tau fai:</u></b></p> <ul style="list-style-type: none"> <li>• Ngaue fakapotopoto'aki 'a e vai</li> <li>• Fu'ifu'i 'a e ngoue'anga mo e 'akau 'i he taimi 'e fiema'u ai.</li> <li>• To'o ma'u pe ha'o fakamalu pe ko ha kilimi ke ne malu'i ko e mei he la'aa pea ke 'i ai ma'u pe ha'o vai inu he taimi kotoa.</li> <li>• 'Aho <i>lelei</i> eni ke fakahoko ho'o ngaahi ngaue ki tu'a (hange ko e foo, kaime'akai, ouau mali, sipoti etc...)</li> <li>• Tokanga mo tokateu ki ha ngaahi taimi la'ala'a (lanu kulokula), 'e hoko 'i he 'aho 'e 14 pe lahi ai</li> </ul>
	<p><b><u>Lahi 'o e 'Uha: 1.1 – 5mm ('Ao'aofia pea mo ha 'uho'uha tu'u mo to pe 'Uho'uha ma'u pe: Kamata ke 'i ai ha ngaahi pelepela)</u></b></p> <p><b><u>Ko e ngaahi Uesia mo e Tokateu ke tau fai:</u></b></p> <ul style="list-style-type: none"> <li>• E fiema'u 'a e fanau ako ke to'o ha kote faka'uha pe ko e fakamalu telia na'a nau viviku.</li> <li>• Totonu pe ke ke fufulu ho'o fakatali mo e ngaahi sima vai 'o mateuteu ke tanaki 'a e 'uha ki he lahi taha.</li> <li>• Tokateu ke kamata ke pelepela 'a e ngaahi hala 'e ni'ihiki kae pehee ki he ngaahi feitu'u 'oku ma'ulalo ange.</li> <li>• Ko ha'o ngaahi ngaue ki tu'a ke ke to e fakakaukau mo palani lelei ange ki ai he kuo pau pe ke 'i ai 'a e ngaahi taimi 'e 'uha ai (hange ko e papakui, fai'aho, fakamaau 'api pe koka'anga etc...)</li> <li>• Lelei 'a e ngaahi 'aho ko eni ki he ngaue kitu'a ki he ngoue, tautefito ki hono too 'a e ngoue mo e ngaahi 'akau matala.</li> </ul>
	<p><b><u>Lahi 'o e 'uha: &gt; 5mm (Lahi ke 'Ao'aofia pea mo fakapopo'uli e Langi: 'Uha lahi: Vave ke pelepela pea mo lele lahi 'a e ngaahi fakatali'anga vai) Ko e ngaahi Uesia mo e Tokateu ke tau fai:</u></b></p> <ul style="list-style-type: none"> <li>• Ko e lanu mata 'oku ne fakatokanga atu ke ke vakai pe 'oku 'i ai ha fakatokanga 'uha lahi mo tafea.</li> <li>• Malava ke tafea ha ngaahi feitu'u pea mo kaniseli mo e ngaahi ako, 'o kapau ko e 'uha 'oku lahi hake he 50mm.</li> <li>• Malava ke pelepela 'aupito 'a e kelekele pea 'oku fiema'u ke ke to e palani lelei mo tokanga ange (hange ko ha me'alele malohi ki 'uta).</li> <li>• Kakai 'o e fonua ke mou to'oto'o ha mou kote faka'uha pe ko ha fakamalu mo ha vala fetongi 'o ka fiema'u.</li> <li>• Hiki hake 'a e faingamalie ke hoko 'a e tafea 'i he ngaahi feitu'u ma'olunga kae pehe ki he 'auhia 'o e kelekele.</li> <li>• Lelei ange ke ke palani mo fakahoko ho'o ngaahi ngaue ke fakahoko ki lotofale pe (hange ko ha ngaahi fakataha'anga, palani, etc...)</li> <li>• Malava ke hoko 'a e namu ko ha palopalema ki he'etau tu'unga fakamou'i lelei 'okapau 'e hokohoko 'a e 'uha 'i ha uike 'e ua.</li> </ul>