

# Pacific Islands - Online Climate Outlook Forum (OCOF) No. 158

Country: Vanuatu

TABLE 1: Monthly Rainfall

Station (include data period)	Aug-2020	Sep-2020	Oct-2020				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Northern Region							
Sola (1971-2020)	183.9	471.4	430.6	212.5	432.8	329.3	33/49
Pekoa (1971-2020)	189.9	103.9	183.8	88.1	172.3	128.3	35/50
Lamap (1961-2020)				65.4	160.7	99.1	
Southern Region							
Bauerfield (1972-2020)	135.2	89.6	115.0	56.9	142.8	92.2	26/48
Port Vila (1953-2020)	77.5	91.0	74.2	57.2	129.9	88.5	29/68
Whitegrass (1972-2020)	133.5	23.5	113.0	19.9	59.1	34.1	45/49
Aneityum (1952-2020)	163.5	72.0	187.4	62.8	140.1	90.2	57/69

**TABLE 2: Three-month Rainfall for August to October 2020**

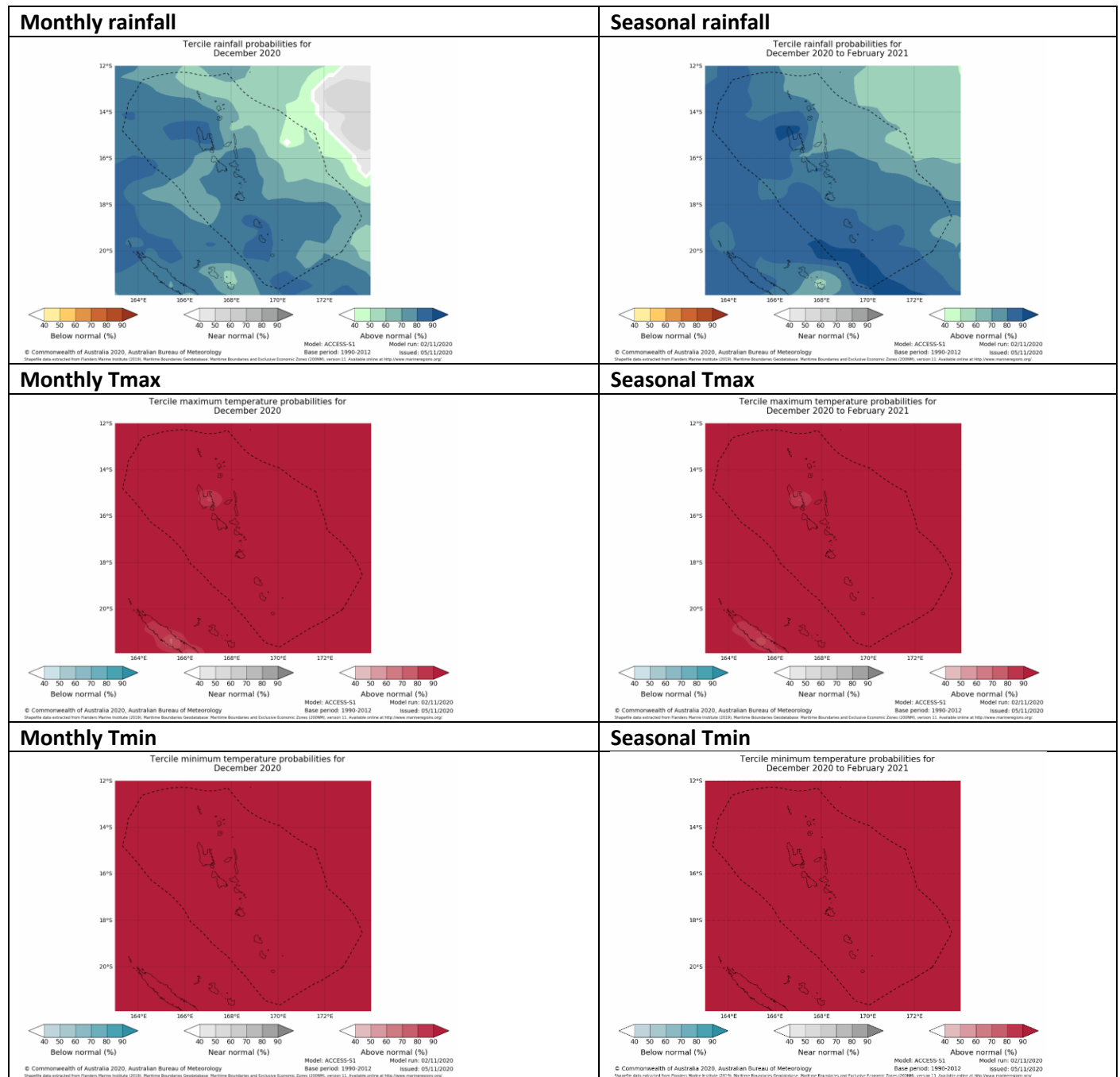
Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 May-June 2020				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Northern Region											
Sola (1971-2020)	1085.9	Above normal	629.1	943.6	813.4	39/47	28	36	36	5	Near-consistent
Pekoa (1971-2020)	477.6	Above normal	256.1	422.4	331.5	37/50	25	38	37	16	Near-consistent
Lamap (1961-2020)			218.2	338.2	261.8		26	37	37	13	
Southern Region											
Bauerfield (1972-2020)	339.8	Above normal	209.4	318.6	273.7	33/48	24	38	38	21	Near-consistent
Port Vila (1953-2020)	242.7	Normal	219.5	333.9	293.6	28/68	29	37	34	19	Consistent
Whitegrass (1972-2020)	270.0	Above normal	111.9	179.2	147.6	43/48	25	38	37	14	Near-consistent
Aneityum (1952-2020)	422.9	Above normal	273.8	391.2	336.0	49/69	28	36	36	7	Near-consistent

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for December 2020 to February 2021**  
**Predictor and Period used: NINO3.4 for September to October 2020**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
<i>Northern Region</i>						
Sola (1971-2020)	43	1112.6	57		0	48
Pekoa (1971-2020)	44	756.5	56		-1	47
Lamap (1961-2020)	38	577.0	62		4	61
<i>Southern Region</i>						
Bauerfield (1972-2020)	25	774.8	75		18	65
Port Vila (1953-2020)	28	702.2	72		17	67
Whitegrass (1972-2020)	32	477.4	68		9	63
Aneityum (1952-2020)	36	711.6	64		7	66

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
<i>Northern Region</i>							
Sola (1971-2020)	26	998.2	32	1210.4	42	1	36
Pekoa (1971-2020)	25	697.9	34	908.1	41	2	37
Lamap (1961-2020)	15	495.8	39	687.8	46	11	51
<i>Southern Region</i>							
Bauerfield (1972-2020)	13	627.3	32	864.8	55	17	52
Port Vila (1953-2020)	13	606.1	35	807.5	52	19	54
Whitegrass (1972-2020)	18	355.0	33	536.5	49	10	48
Aneityum (1952-2020)	19	566.6	37	860.0	44	8	43

**TABLE 4: Monthly and Seasonal Climate Outlooks using ACCESS-S for December 2020 to February 2021**



## **Summary Statements**

### **Rainfall for October 2020:**

Rainfall was above normal at Pekoa, Whitegrass and Aneityum. Normal rainfall was recorded at Sola, Bauerfield and Port Vila.

Rainfall for Lamap was not available. Whitegrass recorded its fifth wettest October in 49 years.

### **2<sup>nd</sup> October**

Heavy rain caused river overflow in South Ambae, overturning a truck carrying 9 passengers, leaving one passenger with a broken arm. <https://m.facebook.com/groups/361220933947896/permalink/4444807242255891/>



### **Accumulated rainfall for August to October 2020, including outlook verification:**

Accumulated rainfall was above normal at most monitoring sites, except at Port Vila where rainfall was in the normal range. Rainfall for Lamap was not available. Verification of the outlook issued in July was consistent at Port Vila, and near-consistent at the other five stations.

### **Outlooks for December 2020 February 2021:**

#### **1. SCOPIC:**

Above normal rainfall is favoured for Bauerfield and Port Vila.

For remaining sites, the outlook shows above normal as the most likely outcome, with normal the next most likely. Below normal is the least likely.

#### **2. ACCESS-S:**

##### **Monthly rainfall:**

The outlook for December favours above normal rainfall for all stations.

##### **Monthly maximum and minimum temperatures:**

The outlook favours above normal temperature for all stations for December.

##### **Seasonal rainfall:**

The outlook favours above normal rainfall for all stations for the December 2020 to February 2021 period.

##### **Seasonal maximum and minimum temperatures:**

The outlook favours above normal for all stations for the December 2020 to February 2021 period.

**NB: The X LEPS % score has been categorised as follows:**

Very Low:  $X < 0.0$

Low:  $0 \leq X < 5$

Moderate  $5 \leq X < 10$

Good:  $10 \leq X < 15$

High:  $15 \leq X < 25$

Very High:  $25 \leq X < 35$  Exceptional:  $X \geq 35$

**TABLE 5: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders**

Product	Date: October 2020	Stakeholder	Total Number of Participants	Number of male	Number of female
Vanuatu Daily Post Article “La Niña Established”	3rd	General Public			
“La Niña and Climate Update Recording” VMGD Free Toll	5 <sup>th</sup>	General Public			
“Climate Awareness” Tafea Province Day celebrations at Korman Stadium	8 <sup>th</sup>	General Public	81	57	24
Climate Change Awareness Week	12 <sup>th</sup> – 16 <sup>th</sup>	Nambatri Area Nambatu Walis Community Erasa Community Nambatri Bakery Ifira Bilingual School (Yr. 7,9) Pango Primary School (Yr. 5,6,7,8) Pango French School (Yr. 1,6) Paunangisu ( <b>Climate Change Day</b> ) Mele School (Yr. 5,6,7) Eton (Yr. 4,5) Pangpang Ekipe (Yr.8)	40 17 11 26 64 121 45 144 83 57 4 32	15 12 2 16 28 69 19 67 34 39 2 15	25 5 9 10 36 52 26 77 49 18 2 16
La Niña SMS	15th	Women Weather Watch Torba Province – Sanma Province – Malampa Province – Shefa Province – Tafea Province –	2,964 27,098 18,271 59,332 8,714	1,521 14,662 9,336 30,831 5,365	1,443 12,436 8,935 28,501 3,349
Vanuatu Climate Update	30 <sup>th</sup>	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International, Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).	206	104	102
EAR Watch	30 <sup>th</sup>	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South	206	104	102

		Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International, Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).			
Vanuatu Ocean Outlook	30 <sup>th</sup>	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International, Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).	206	104	102
National Statement on Climate and Tropical Cyclone Outlook	30 <sup>th</sup>	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International, Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).	206	104	102
<b>Total</b>			117,310	62,194	55,115

## Appendix

La Nina poster produced in October to be distributed to communities during the 2020 La Nina Awareness sessions.

# IMPAK BLONG LA NIÑA LONG WOTA SEKTA LONG VANUATU

## OL SAEN BLONG LA NIÑA



**TEMPEREJA BLONG SOLWOTA OVA LONG VANUATU HEMI WOM.**



**PAWA BLONG EASTELY TRED WIN HEMI KAM MO STRONG.**



**PRESA BLONG EIA OVA LONG VANUATU HEMI DROP.**



**KLAOD HEMI KAM PLANTE OVA LONG VANUATU.**

### WANEM TAEM LA NIÑA HEMI HAPEN?

**OLTAEM WAN LA NIÑA HEMI STAP STAT BLONG FOM LONG MANIS BLONG**

## MAJ kasem OKIS

**SAM LA NIÑA I SAVE LAST KASEM 2<sup>nd</sup> 3 YIA**

OL LA NIÑA EVENT OLI STAP KASEM YUMI EVRI **3<sup>rd</sup> 7<sup>th</sup>**

#### RENFOL PATEN LONG TAEM BLONG WAN LA NIÑA



**Long taem blong La Niña Vanuatu i stap fesem plante hevi ren.**

**Ol taem ifek blong La Niña i stat long Not blong Vanuatu mo i muv i kam daon long Saot.**

#### IMPAK BLONG LA NIÑA LONG RIJEN



Plante tropical saeklon



Ely wet sisen



Plante flad



Landslaid/ Madslaid



Plante ren long drae sisen

#### JENEROL INFOMEASEN

Vanuatu hem i stap eksperinsem wan la niña naoia, we i minim se bae yumi gat plante mo ren. Toksave we dipatmen blong Meteo mo Geohazards i kivim maot hemi la niña ia bae i save stap kasem 2021.

La Niña i minim se yumi mas redy blong storem gud wota blong ren mo mekem gud ol sistem blong wota blong redi from ol denja we i saveh kam wetem la niña.

**Wanem nao la niña bae i mekem long wota blong drink?**

Dipatmen blong wota risos i stap advisem ol wota komitis blong tekem taem blong klinim gud mo konektem gud ol ren wota sistem, redi long ol narafala konteina blong storem wota, putum gud ol wota saplae lain long ol krik mo riva, lukaotem gud mo klinim ol wota sos redi from taem flad, graon mo toti olsem ol wel lo graon.

**Wanem nao la niña bae mekem long wota mo helt blong yumi?**

Plante ren bae i mekem wota i muv plante long graon, ol riva, ol strim mo semtaem toti olsem blo toilet, ol kemikal, mo pispis blo ol animal bae oli folem mo stap long wota. Sapos yu wantem save se wota blong yu i sef o no, pls kolek ofis blong wota kolosap long yu o mein ofis long Vila.

**Wanem denja nao la niña i saveh mekem?**

Plante ren weh bae kam wetem la niña i save mekem level blong wota long riva, strim, ol lake mo graon wota i kam antap. Wota bae hemi ron strong tu mo bae i mekem flad, landslide mo mudflow long samfala ples kolosap long wota, ol hil mo vali.

**Folem toksave ia, yumi mas protektem gud wota sos blong yu, from hem i laef blo yu:**

- No sakem toti kolosap long ol wota sos
- No mekem toilet kolosap long ol wota sos
- No katem ol tri o wud kolosap long ol wota sos
- No mekem faea kolosap long ol wota sos

Dipatmen blong Wota Risos i wantem yumi ewriwan i folem gud ol infomesen we i kam long dipatmen blong Meteo mo Geohazards bifo yumi mkm eni plan kolosap long ol wota sos from ol denja we yumi save ekspektem mo kolek dipatmen blong Wota sapos yu kat problem blong wota.

#### IMPAK BLONG LA NIÑA LONG WOTA



**Hevi ren mo flad i save mekem Wota blong drink i toti mo no sef**



**Toti wota i save mekem yu kasem ol sik olsem;**



Diarrhea/ sitsit wota



Malaria Dengue



Cholera



Strong Kof



Leptospirosis

#### WANEM BLONG MEKEM NAOIA?



Boilem wota bifo yu drink



Filterem gud wota wetem wota filta



Fiksim wota tank mo apgreidem wota sistem



No krosem riva/ krik long taem blong flad



No bildim aos long eria we i isi blong kasem flad



Wasem gud han wetem sop oltaem



Dikim gud rod blong wota



Kavremap gud wota tank mo wel long taem blong flad mo asid ren

### HAZARDS

#### FLAD MO LANSLAED O MADSLAED

Hevi ren i save mekem ol riva mo ol krik oli flad, kraon i foldaon o lanslaed




#### ASID REN

I kat hae janis blong asid ren i save foldaon long ol aelan we i gat aktiv volkeno long hem






**LISIN LONG RADIO O KONTAKTEM VMGD BLONG KAREM OL LATES INFOMESEN LONG SAET BLONG LA NIÑA**



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Listen long klismet updaet long fri laen namba - 116



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