



VANUATU CLIMATE UPDATE

Vanuatu Meteorology and Geo-Hazard Department

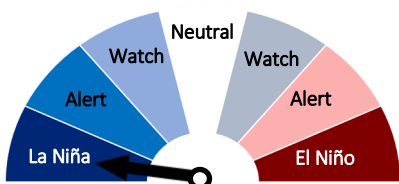


ISSUE 73

Disemba 2020

HIGHLIGHTS

ENSO Status: La Niña



Renfol blong pas tri manis:

Septemba 2020 kasem Novemba 2020

Abav nomol:	Sola, Pekoa, Whitegrass, Aneityum
Nomol:	Bauerfield, Port Vila
Bilou Nomol:	

Verifikesen blong Fokas blong las tri manis:
Septemba 2020 kasem Novemba 2020

Fokas hemi bin stret long:	Bauerfield, Port Vila
Fokas hemi lelebet stret long:	Sola, Pekoa, Whitegrass, Aneityum
Fokas hemi no bin stret long:	

Level blong draot long las tri manis:
Septemba 2020 kasem Novemba 2020

Nogat Draot:	Full Vanuatu
Woning:	
Draot:	

Aotluk blong korel rif blong 21 Feb 2021

Nogat Stress:	
Waj:	
Woning:	
Alert Level 1:	Full Vanuatu
Alert Level 2:	

KLAEMET AOTLUK Jenuari 2021 – Maj 2021



RENFOL FOKAST

Overall Vanuatu: Yumi expectem abav nomol renfol long manis blong Jenuari 2021 kasem Maj 2021.

Noten Rijen: Yumi sud expectem abav nomol renfol long Torba, Sanma, Penama mo Malampa. Long Pekoa, yumi sud kasem nomol renfol.

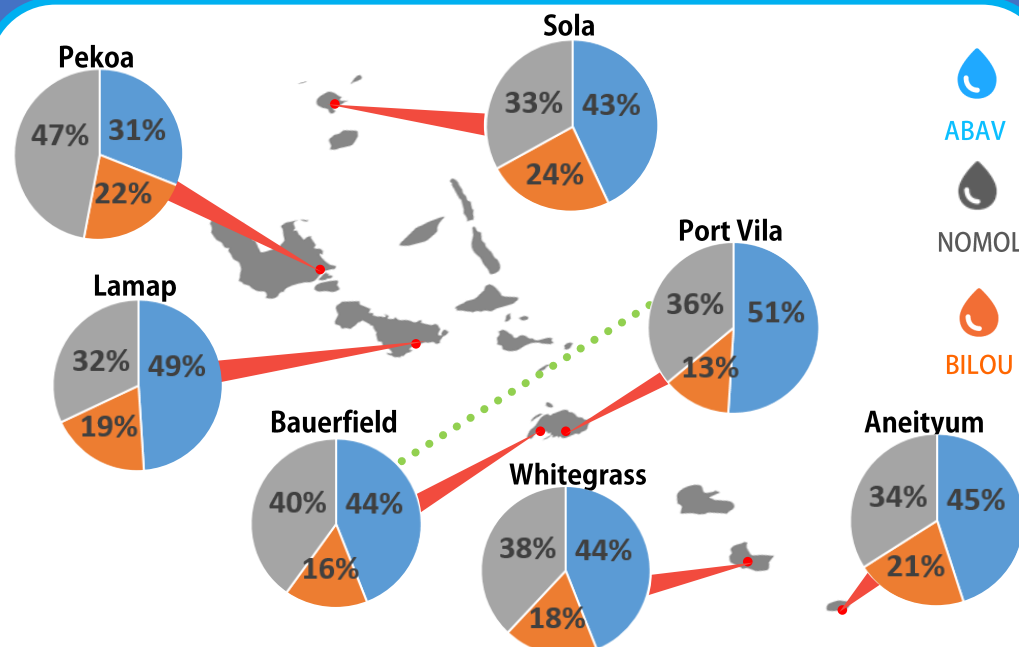
Konfidens: Low to Moderate.

Saoten Rijen: Yumi sud expectem abav nomol renfol long Shefa mo Tafea.

Konfidens: Moderate to Good.

El Niño Southern Oscillation (ENSO) hemi stap long **La Niña**. La Niña hemi stap kosem plante hevy ren long Vanuatu.

3 MANIS RENFOL AOTLUK: JENUARI 2021 — MAJ 2021



Station	Aotluk Hemi baias iko long	Bilou mm (probability)	Nomol mm (probability)	Abav mm (probability)
Sola	Abav nomol	<1008 (24%)	1008 — 1220 (33%)	>1220 (43%)
Pekoa	Nomol	<738 (22%)	738 — 974 (47%)	>974 (31%)
Lamap	Abav nomol	<638 (19%)	638 — 802 (32%)	>802 (49%)
Bauerfield	Abav nomol	<792 (16%)	792 — 1022 (40%)	>1022 (44%)
Port Vila	Abav nomol	<746 (13%)	746 — 989 (36%)	>989 (51%)
Whitegrass	Abav nomol	<488 (18%)	488 — 667 (38%)	>667 (44%)
Aneityum	Abav nomol	<740 (21%)	740 — 975 (34%)	>975 (45%)

Sea Surface Temperature (SST):

Tempreja blong solwora hemi kasem 28°C—29°C antap lo not, mo 26°C—27°C daon lo saat.

Ol Model Fokas: Ol klaemet model we VMGD istap yusum oli shoem se La Niña bae kasem las mak blong hem long manis ya Disemba 2020 o Jenuari 2021. Yumi ekspektet blong La Niña ya bae I finis samples Februari 2021. Fes saeklon we I kam insaed long eria blong Vanuatu hemi TC Yasa. Long saeklon sisen ya, Vanuatu I sud expectem 2—4 tropical saeklon we bae save kam insaed lo eria blong yumi.

La Niña Aotluk: VMGD I wantem letem public I save se La Niña hemi save kosem plante hevy ren long Vanuatu. Taem yumi stap long saeklon sisen, La Niña I save kontribut long flading, lanslaed, madsaeld, I save mekem ol riva/krik I ova flow mo ron strong, hevy ren I save spoem kakae long karen, mo I save damejem propeti long low graon. Public I shud pripea from eni saeklon mo ol impak blong La Niña we bae I folem.

GENERAL LUKLUK

Southern Oscillation Index (SOI): SOI valu blong las 30 dei kasem 6 Disemba hemi +10.4. Valu ya I soem se SOI hemi stap long mak blong wan La Niña.

Tred Win: Pawa blong Tred Win long Pacific Ocean hemi godaon lelebet comperem wetem 2 wiks I pas.

Coral Bleaching Alert: Ol korel oli save kasem Alert Level 1 long February 2021. Alert Level 1 I minim se bae save gat bleaching long ol corol stat long manis blong February 2021.



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ENSO TERMS

El Nino Southern Oscillation (ENSO):

Hemia hemi tokbaot saekol blong El Nino mo La Nina mo ifek we tufala igat long renfol blong yumi.

El Nino: Hemia hemi taem we ol tred win long



Pasifik oli lusum paoa blong olgeta mo ol wom wota oli mov igo long is. Long taem ia klaod nasara tu imuv wetem wom wota. Long Vanuatu wan El Nino hemi minim se bai renfol hemi go daon bitim nomol

La Nina: Hemia hemi taem we ol tred win long



Pasifik oli kam strong moa mo oli pusum ol wom wota igo long wes Pasifik mo movum klaod nasara tu igo lo wes. Hemia hemi oposit blong El Nino. Long Vanuatu La Nina hemi minim se bai i gat renfol we i bitim nomol. Samtaem oli stap talem se La Nina hemi wan anti-ENSO (anti-El Nino Southern Oscillation) event.

ENSO Situation Hemi Neutral: Hemi taem we inogat wan El Nino o wan La Nina.

SOI (Southern Oscillation Index): Hemia hemi mesament blong difrens long ea presa bitwin Darwin (12° S, 131° E) mo Tahiti (17°S, 150° W). Taem difrens hemi stap bitwin +7 mo -7 hemia iminim se yumi stap long wan Neutral ENSO. Taem difrens hemi bitim +7 hemia iminim se atmosfera hemi stap long kondisen blong La Nina mo bai yumi save kasem plante ren. Be sapos hemi bitim -7 hemia iminim se atmosfera hemi stap long kondisen blong El Nino mo bai ples hemi save drae.

SST (Sea Surface Temperature): Tempereja o hot blong solwota.



Baias Towards: Taem model hemi soem se yumi usum probability blong calculetem se wanem probability nao hemi mo hae. Probability we hemi hae moa nao yumi usum olsem forecast blong yumi.

Konfidens: Taem model hemi givim wan aotluk, yumi usum konfidens blong luk se fokast ia i save hapen o no. Hae konfidens i minim se igat bigfala janis se fokast bai i hapen.

Drae Sisen: Hemi ol manis long evri yia we renfol i smol bitim ol narafala manis. Long Vanuatu drae sisen i stat long manis Mei kasem Oktoba. Drought: Taem we renfol long wan eria hemi go daon bitim averej renfol mo hemi stat blong afektem ol plant mo wota long graon, hemia oli talem se eria ia i stap long wan draot.

Favoured: Wanem nao com-puta hemi stap luk; se bae igat bigfala janis se se bai i hapen.

Fokast: Wan lukluk blong wanem bai i save hapen long fiuja. Wan narafala toktok we oli usum tu hemi "outlook". I gat weta fokast mo sisenal fokast. Klamet: Averej paten blong weta blong wan ples ova long wan longfala taem (eksambol 30 yia o moa).

Probability: Fasin blong calculetem se wanem nao janis blong wan event hemi happen. SCOPIC hemi wan probability model.

KLAEMET HEMI WANEM WE YU
EXPECTEM BE WETA HEMI
WANEM WE I HAPPEN O
WANEM WE YU KASEM

Abav nomol renfol:

Renfol we hemi bigwan bitim averej renfol blong manis ia long wan station.

Nomol renfol: Renfol we i kasem averej amaon we yumi stap kasem oltaem blong manis ia.

Bilou nomol renfol: Renfol we i go daon tumas bitim averej

renfol blong manis ia.

Sisenal Fokast: Hemi lukluk long wanem kaem kondisen nao bai i save happen long ol manis we oli stap kam folem ol kondisen blong solwota mo ea (eksambol hemi renfol).

Verifikesen: Hemia wei blong checkem se renfol we yumi kasem long trifala manis we i pas hemi semak long wanem we yumi bin fokastem o no.

Weta: Kondisen blong ea olsem temperaja, renfol, spid blong win, long wan sot taem olsem samfala hour kasem samfala dei. Weta i jenis long evri dei mo ol jenis ia hemi isi blong yumi luk.

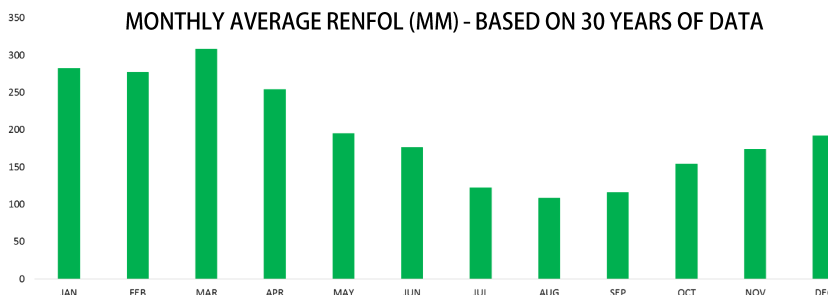
Weta Fokast: Hemi wan lukluk we yumi save expektem long wanem weta nao bai yumi save kasem nekis 2 wik.

Wet Sisen: (taem blong ren): Hemi ol manis long wan yia we yumi stap kasem tumas ren bitim ol narafala manis. Long Vanuatu taem blong ren hemi stap long Novemba kasem Epril long nekis yia.



HISOTORICAL RENFOL FOR ALL STATIONS IN VANUATU

MONTHLY AVERAGE RENFOL (MM) - BASED ON 30 YEARS OF DATA



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