



VANUATU CLIMATE UPDATE

Vanuatu Meteorology and Geo-Hazard Department

ISSUED:
October
2014

HIGHLIGHTS

RENFOL OUTLOOK

Overall Long Vanuatu:
Below Normal rainfall is favored for the next 3 months
Northern Region:
Below Normal -Normal
Southern Region:
Below Normal

ENSO WATCH

ENSO hemi remain Long neutral.

Oi indiketa blong ENSO long Tropical Pasifik oli rimen lo neutral kondisen. Oi model oli kontinu blong fokastem El Niño long ol manis we istap kam.

TC FOKAST

Dipatment blong meteo tru long klaemet divisen hemi fokastem 2 saeklon ova long Vanuatu grup long 2014-2015.



PAST RENFOL

(JUL-SEP)	STATIONS
Above Normal	Lamap
Normal	Port Vila, Bauerfield, Whitegrass, Aneityum, Pekoa,
Below	Sola
Verification	Stations
Near-Consistent	Sola
Consistent	Pekoa, Lamap, Whitegrass, Port Vila, Aneityum, Bauerfield
Inconsistent	-

CONTACT US

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KLAEMET OUTLOOK SEPTEMBER-NOVEMBER 2014

RENFOL

Fokast blong manis November 2014 kasem Januari 2015.



OVERALL VANUATU:

Yumi sud expectem renfol we hemi below normal long ol manis we istap kam truot long Vanuatu.

NOTEN RIJEN:

Long ol provins blong yumi long Not (Torba, Sanma Malampa mo Penama) fokast hemi bias iko long renfol we hemi below normal long Sola mo Lamap mo forecast hemi bias iko long renfol we I normal long Pekoa.

CONFIDENCE:

Low — High



SAOTEN RIJEN:

Long ol provinces blong yumi long saot (Shefa mo Tafea) fokast hemi bias iko long renfol we I below normal long Port Vila, Whitegrass mo Aneityum . Long Bauerfield fokast hemi bias iko long below normal mo normal.

CONFIDENCE:

Moderate — High Very High

3 MANIS RENFOL OUTLOOK (NOVEMBER 2014—JANUARI 2015)*

*Outlook is Model Generated

Rijen Station	Outlook hemi Bias Igo long	Below mm (probability)	Normal mm (probability)	Above mm (probability)
NOTEN	SOLA	Below Normal	<1039.2(37%)	1039.2—1357.6 (34%) >1357.6(29%)
	PEKOA	Normal	<604.7(38%)	604.7—822.8(39%) >822.8(23%)
	LAMAP	Below Normal	<448.6(38%)	448.6—555.1(37%) >555.1(25%)
SAOTEN	BAUERFIELD	Below Normal	<450.8(41%)	450.8—695.5(41%) >695.5(18%)
	PORT VILA	Below Normal	<447.9(43%)	447.9—670.3(41%) >670.3(16%)
	WHITE GRASS	Below Normal	<268.0(41%)	268.0—405.5(36%) >405.5(23%)
	ANEITYUM	Below Normal	<449.7(38%)	449.7—693.1(32%) >693.1(30%)

GENERAL LUKLUK

Oi samting we oli influensem Klaemet blong Vanuatu.

SOUTHERN OSCILLATION INDEX (SOI) :

Oi indiketa blong atmosfera oli kontinu blong stap long neutral ova long las manis. 30 dei SOI value kasem 11 septemba hemi -4.5

OL KLAOD : Oi anomaly map blong klaod I soem se ITCZ mo SPCZ oli being aktif long Not mo Saot Wes pasifik.

TEMPEREJA BLONG SOLWOTA : Oi temperereja blong solwota long sentral mo westen pasifik oli wom bitim normal long

last 4 manis kasem 6 oktoba.

OL MODEL FOKAST : Oi Klaemet model we VMGD I stap usum oli kontinu blong indikatem wan wik EL Niño hemi save develop long ol manis we istap kam (November 2014—Januari 2015) .

SPCZ FOKAST : SPCZ bae I stap kolosap long normal position blong hem. Long tis taem long yia posisen blong hem hemi muv igo antap moa long ol kantri we oli stap long not blong Vanuatu.

TROPIKAL SAEKLON FOKAST : Fokast blong sisen 2014-2015 hemi soem se bai yumi save expectem 2 saeklon blong pas tru long Vanuatu.

SEE NEXT PAGE FOR EXPLANATION OF WORDS



VANUATU CLIMATE UPDATE GLOSSARY

Vanuatu Meteorology and Geo-Hazard Department



ENSO TERMS

EL NIÑO SOUTHERN OSCILLATION (ENSO):

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

EL NIÑO: Hemia hemi taem we ol tred win long Pasifik oli lusum



paoa blong olgeta mo ol wom wota oli muv igo long is. Long taem ia klaod nasara tu imuv wetem wom wota. Long Vanuatu wan El Niño hemi mini se bai renfol hemi go daon bitim nomal.

LA NIÑA: Hemia hemi taem we ol tred win long Pasifik oli kam



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

ENSO SITUATION HEMI NEUTRAL:

Hemia taem we inogat wan el Niño o wan la Nina.

SOI (SOUTHERN OSCILLATION INDEX):

Hemia hemi mesament blong difrens long long ea presa bitwin Darwin (12° S, 131° E) mo Tahiti (17° S, 150° W). Taem difrens hemi stap bitwin +8 mo -8 then imin se yumi stap long wan Neutral ENSO. Taem difrens hemi bitim +8 then imin se atmosfia hemi condisen blong La Nina mo bai yumi save kasem plante ren. be sapos hemi bitim -8 then imin se atmosfia hemi condisen blong El nino mo bai ples hemi save drae.

SST (SEA SURFACE TEMPERATURE):

Tempereja o hot blong solwota.

CONTACT US

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SMS: txt ENSO to 166

VMGD: Vanuatu Meteorology and Geo-hazard Department. Samtaem oli stap singaotem se hemi ofis blong meteo.

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

KLAEMET: Averej paten blong weta blong wan ples ova long wan longfala taem (eksambol 30 yia o moa).

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

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;

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).

WETA FOKAST Hemi lukluk long wanem weta nao bai yumi save expectem long

nekis hour o 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 blon ren hemi stap long Novemba kasem Epril long nekis yia. **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 affectem ol plant mo wota long graon, hemi oli talem se eria ia I stap long wan drought.

MODEL GENERATED: Compu-ta program we hemi usum SST mo renfol total blong wan manis blong calculetem fokast. Model we yumi stap usum hemi SCOPIC (Seasonal Climate Outlook for the Pacific Island Countries).

PROBABILITY: Fasin blong calculetem se wanem nao Janis blong wan event hemi happen. SCOPIC hemi wan probability model.

VERIFICATION: Hemia wei blong checkem se renfol we yumi kasem long trifala manis we I pas hemi semak long wanem we yumi bin forecastem o no.

FAVORED: Wanem nao com-puta hemi luk se igat bigfala Janis se bai I happen.

CONFIDENCE: Taem Model hemi givem wan outlook yumi usum confidence blong luk se fokast ia save hapen on no. Hae confidens I min se igat bigfala janis se fokast bai happen.

BAIAS TOWORDS: 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.

RENFOL: ABOVE: Renfol we hemi bigwan bitim average renfol blong manis ia long wan station. **NORMAL:** Renfol hemi kasem average amaont we yumi stap kasem oltaem blong manis ia. **BELOW:** Renfol hemi go daon tumas bitim average renfol blong manis ia.

HISTORICAL RENFOL FOR STATIONS IN VANUATU

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

REJIN	STATION	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL ANNUAL	MONTHLY AVERAGE
NOTERN	SOLA	395	361	417	443	385	312	246	232	270	376	373	355	4165	347
	PEKOA	297	309	276	270	195	201	119	98	105	177	201	200	2448	204
	LAMAP	255	245	278	218	166	145	116	82	90	137	139	148	2019	168
SAOTEN	BAUERFIELD	284	325	316	247	188	173	86	83	87	111	156	176	2232	186
	PORT VILA	274	209	319	233	170	154	103	92	91	107	141	183	2076	173
	WHITE GRASS	175	199	198	124	88	87	59	54	60	58	71	90	1263	105
	ANEITYUM	293	291	355	245	175	161	129	117	112	114	139	191	2322	194
AL	VANUATU	282	277	308	254	195	176	122	108	116	154	174	192	2358	197