



VANUATU CLIMATE UPDATE

Vanuatu Meteorology and Geo-Hazard Department

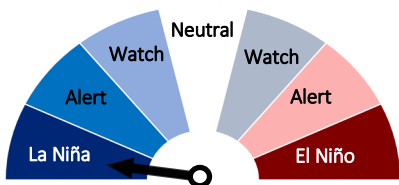


ISSUE 89

May 2022

OL HAELAET

ENSO Aotluk: La-Nina



Renfol blong pas tri manis:
Februari kasem eprel 2022

| | |
|---------------------|--|
| Abav nomol: | Sola, Lamap, Pekoa, Bauerfield, Port Vila, white grass mo Aneityum |
| Nomol: | |
| Bilou Nomol: | |

Level blong draot long las tri manis:
February to April 2022

| | |
|---------------------|--|
| Nogat Draot: | Sola, Pekoa, Lamap, Bauerfield, Port Vila, White-grass, Aneityum |
| Watch: | Pekoa |
| Woning: | Sola |
| Draot: | |

4 wik Aotluk blong korel rif kasem 5
June 2022

| | |
|-----------------------|--|
| Nogat Stress: | Sanma, Penama, Malam-pa, Shefa mo Tafea. |
| Waj: | Torba Province |
| Woning | |
| Alert Level 1: | |
| Alert Level 2: | |

KLAEMET AOTLUK JUNE TO AUGUST 2022

RENFOR FOKAST

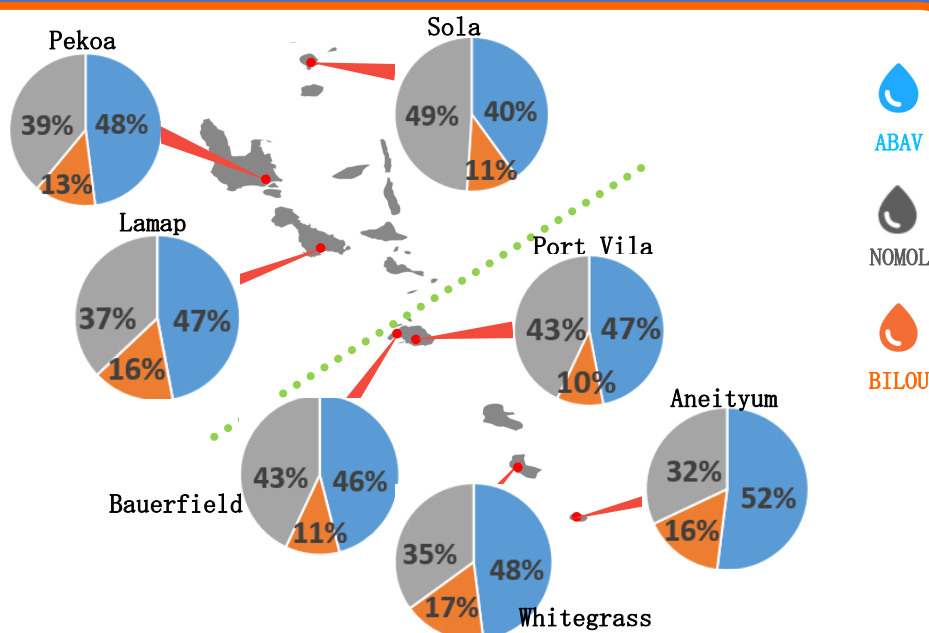
Overall Vanuatu: Yumi expectem abav nomol renfol long manis blong jun kasem Okis 2022.

Long **Noten Rijen**, Yumi save kasem ol abav nomol renfol, **Konfidens** blong fokas hemi hae.

Long **Saoten**, Yumi stap expectem abav nomol renfol long nekis tri manis. **Konfidens** blong fokas hemi hae.

ENSO outlook, La Nina hemi stap wik long pasifik mo bae I go lo nu-trol lo ol manis we I kam.

3 MANIS RENFOR AOTLUK: JUNE 2022 — AUGUST 2022



| Station | Aotluk Hemi baias iko long | Bilou mm (probability) | Nomol mm(probability) | Abav mm (probability) |
|------------|----------------------------|------------------------|-----------------------|-----------------------|
| Sola | Abav nomol | <587.3(11%) | 587.3— 1005.9(49%) | >1005.9(40%) |
| Pekoa | Abav nomol | <240.9(13%) | 240.9— 460.1(39%) | >460.1(48%) |
| Lamap | Abav Nomol | <225.0(16%) | 225.0— 335.8(37%) | >335.8(47%) |
| Bauerfield | Abav nomol | <241.0(11%) | 241.0— 372.7(43%) | >372.7(46%) |
| Port Vila | Abav nomol | <236.1(10%) | 236.1 — 402.9(43%) | >402.9(47%) |
| Whitegrass | Abav nomol | <134.2 (17%) | 134.2— 229.2(35%) | >229.2(48%) |
| Aneityum | Abav nomol | <305.5(16%) | 305.5— 436.3(32%) | >436.3(52%) |

GENERAL LUKLUK

Southern Oscillation Index: 30 dei SOI valiu we I end lo 8 may 2022 hemi +20.7 mo lo 90 days hemi +14.2. Taem SOI I hae bitim +7, hemi stap soem paten blong wan La Niña.

Tred Win: pawa blong tred win hemi stromg lelbet long sentrol mo westen tropikol pasifik lo ol manis we I pas,

Pawa blong tred win hemi kam strong long taem blong wan La Niña.

Sea surface temperature (SST): Tempreja blong solwota hemi wom bitim nomol long westen, mo hemi colcol bitim nomol long sentrol mo isten Pasific. Paten ya istap soem saen blong wan La Niña.

Claod: Ol claod klosap long sentrol Pasifik

oli no plante (bilou averej). Hemia I stap soem tu paten blong wan La Niña.

ENSO Aotluk: La Nina hemi stil stap lo pasifik mo pawa blo hem I change lo ol pas wiks

Ol Model Fokas: Ol Klaemet model oli soem se La nina hemi kam wik be I still kat influence lo weta mo klaemet.



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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 condisen blong La Nina mo bai yumi save kasem plante ren. Be sapos hemi bitim -7 hemia iminim se atmosfera hemi stap long condisen blong El nino mo bai ples hemi save drae.

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

GLOSSARY

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



| STATION | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL ANNUAL |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|
| Sola | 395 | 361 | 417 | 443 | 385 | 312 | 246 | 323 | 270 | 376 | 373 | 355 | 4165 |
| Pekoa | 297 | 309 | 276 | 270 | 195 | 201 | 119 | 98 | 105 | 177 | 201 | 200 | 2448 |
| Lamap | 255 | 245 | 278 | 218 | 166 | 145 | 116 | 82 | 90 | 137 | 139 | 148 | 2019 |
| Bauerfield | 284 | 325 | 316 | 247 | 188 | 173 | 86 | 83 | 87 | 111 | 156 | 176 | 2232 |
| Port Vila | 274 | 209 | 319 | 233 | 170 | 154 | 103 | 92 | 91 | 107 | 141 | 183 | 2076 |
| Whitegrass | 175 | 199 | 198 | 124 | 88 | 87 | 59 | 54 | 60 | 58 | 71 | 90 | 1263 |
| Aneitym | 293 | 291 | 355 | 245 | 175 | 161 | 129 | 117 | 112 | 114 | 139 | 191 | 2322 |
| Vanuatu | 282 | 277 | 308 | 254 | 195 | 176 | 122 | 108 | 116 | 154 | 174 | 192 | 2358 |

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