

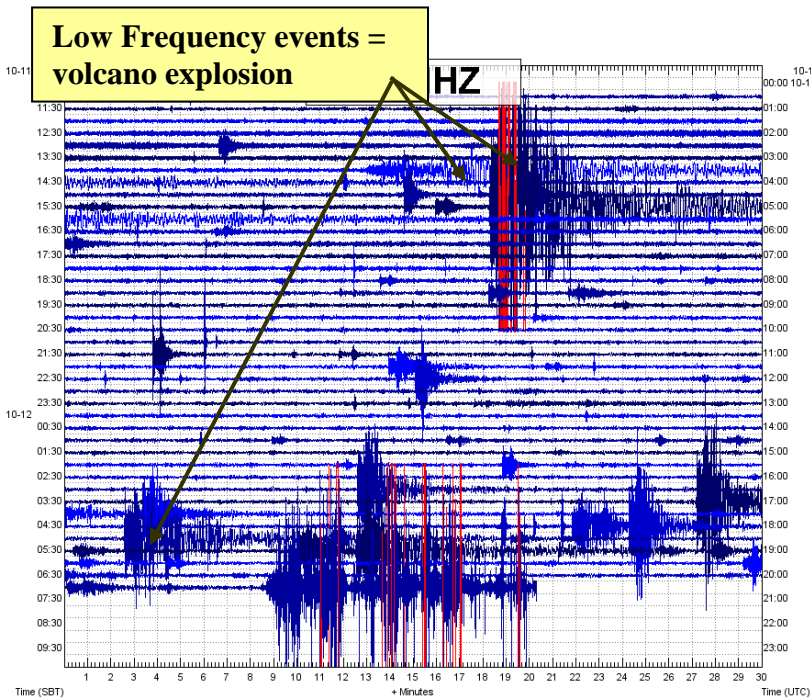


**Bulletin blong aktiviti blong volkeno**

**Bulletin N°2, Activity blong Gaua Volkeno, Gaua Isl and, 13 October 2009  
 14°16'0"S 167°30'0"E Summit 2615ft (797m )**

Afta long assessment blong team blong geohazards long Gaua long 3-7 October 2009, I gat confirmation se Mont Garet volcano I faerap bagegen start long namba 27 september 2009. Wetem seismograph we team I bin instollem long wan village blong Gaua, ol data oli soem se volcano ia I gat plante eksplosen finis (lukim ol data ia blong 11/10/09). Ol data blong gas measurement we team I tekem I soem se gas we I rilis long volcano ia i bin go antap from 0 kasseem 3000 tonnes long wan day, hemia hemi soem se I gat inaf magma we I stap troemaot gas long Gaua volcano long manis ia. Lake letas we I raonem Mont Garet volkeno I wan biggest lake blong region mo volume blong hem I kasseem 800 million cubic meters mo I stap flowout through long river blong waterfall.

*Ol kaen aktiviti folem ol different Alet Level blong ol volcano blong Vanuatu.*



VVAL	Gaua volcano
0	Nomol o lo-level aktiviti. Aktiviti I stap semak nomo o hemi olsem oltaem.
1	Aktiviti blong volkeno ikam antap smolsmol. Tingbaot denja kolosap long maot blong volkeno.
2	<b>Volkeno istap faerap be ino bikwan tumas be ikat denja finis klosap long maot blong volkeno, insaed long Red Kala Eria (especially eria insaed long black circle)</b>
3	Volkeno ifaerap bikwan naeia. Ikat ol strong nois blong volkeno (eksplosen). Denja istap long bikfala eria araon long volkeno mo long insaed long ol men hol blong wota mo krik. Espeseli folem direksen we win istap blo long hem. Denja hemi stap long insaed long Red mo Yelo Kala Eria.
4	Volkeno ifaerap bikwan olketa. Ikat bikfala denja long aelan, ol pipol mo haos mo ikat bikfala efek long ol aelan kolosap. Denja hemi stap insaed long Red mo Yelo mo Grin Kala Eria.

Wetem ol information ia, **Volcano Alert level blong Gaua volkeno hemi go antap long Level 2 long Vanuatu Volcano Alert Level (VVAL).**

Hemia hemi min se volkeno I faerap finis be ino bigwan tumas be I gat denja finis long maot blong volcano insaed long red kala zone. I gat denja too long ol eria we I stap kolosap long ol river mo espeseli long river blong waterfall (luk hazard map). Mifala I no rekomendem ol visit long volcano ia. Long alert level olsem, I gat ol steps we ol authorities oli mas considerem (luk fille attached blong community response plan).

Geohazards I traem best blong hem wetem limited risos available blong continue blong monitorem volcano ia mo mekis bulletin bae I kamaot long taem we I kam.

Blong kasem moa infomesen yu save kontaktem Geo-Hazard Unit long telephone 22423, email [gesline@vanuatu.gov.vu](mailto:gesline@vanuatu.gov.vu), mo [dcharley@vanuatu.gov.vu](mailto:dcharley@vanuatu.gov.vu), or luk long internet long [www.geohazards.gov.vu](http://www.geohazards.gov.vu).

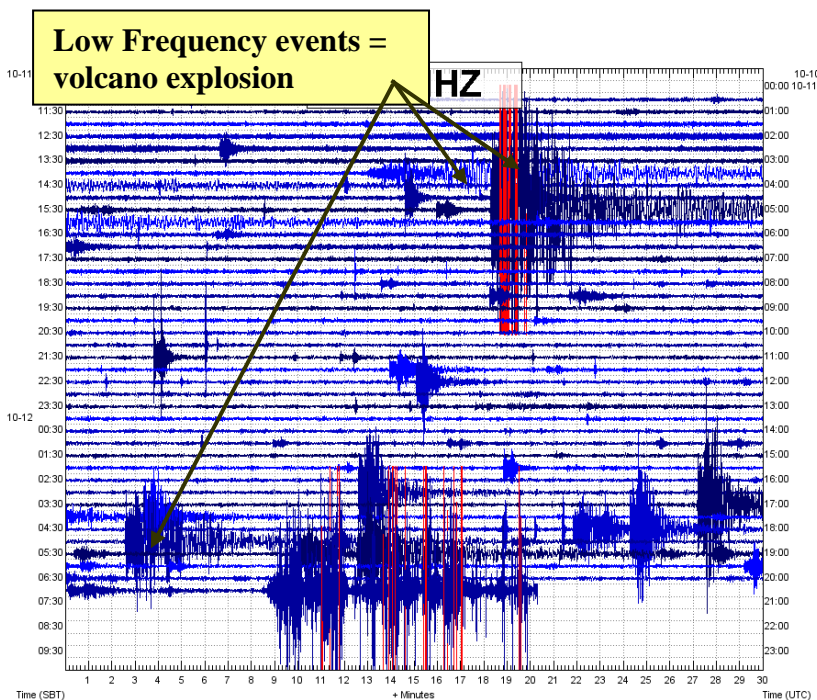


**Volcano Activity Bulletin**

**Bulletin N<sup>o</sup>2, Gaua Volcano activity  
 Gaua Island, 13 October 2009  
 14°16'0"S 167°30'0"E Summit 2615ft (797m)**

After the assessment of the geohazards team on Gaua volcano from 3-7 October 2009, it is confirmed that Mont Garet volcano is going through an eruptive phase starting from the 27<sup>th</sup> of September 2009. Seismic records of the the seismic station installed on Gaua show that many explosions occurred on gaua volcano (see seismic records below 11/10/09). Volcanic gas flux measurements on October 3<sup>rd</sup> show that 3000 tonnes of sulfuric dioxide is released from this volcano each day, this means that a significant quantity of magma is degassing from gaua volcano. Lake letas we I raonem Mont Garet volkeno I wan biggest lake blong Vanuatu mo volume blong hem I kasse 800 million cubic meters which is drained out through the river of the Waterfall.

*Oi kaen aktiviti folem ol different Alet Level blong ol volcano blong Vanuatu.*



VVAL	Gaua volcano
0	Nomol o lo-level aktiviti. Aktiviti Istep semak nomo o hemi olsem oltaem.
1	Aktiviti blong volkeno ikam antap smolmol. Tingbaot denja kolosap long maot blong volkeno.
2	<b>Volkeno istap faerap be ino bikwan tumas be ikat denja finis klosap long maot blong volkeno, insaed long Red Kala Eria (especially eria insaed long black circle)</b>
3	Volkeno ifaerap bikwan naoia. Ikat ol strong nois blong volkeno (explosen). Denja istap long bikfala eria araon long volkeno mo long insaed long ol men hol blong wota mo krik. Espeseli folem direksen we win istap blo long hem. Denja hemi stap long insaed long Red mo Yelo Kala Eria.
4	Volkeno ifaerap bikwan olketa. Ikat bikfala denja long aelan, ol pipol mo haos mo ikat bikfala efek long ol aelan kolosap. Denja hemi stap insaed long Red mo Yelo mo Grin Kala Eria.

With this information, **the Alert level of this volcano is now raised to Level 2 on the Vanuatu Volcano Alert Level (VVAL)**. This means that this volcano is going through a minor eruption. It is not recommended to approach the volcano. The danger remains in the red zone area on the hazard map including all the river outlets in Gaua, especially the river of waterfall (see Hazard map).

With the related alert level, a level of response from the community is required (see attached Community Disaster response plan).

Geohazards is doing its best with the limited resources available to continue monitoring this volcano. The next bulletin will be released in due time.

For specific information, please contact the Geo-Hazards Unit, telephone 22423 email [gesline@vanuatu.gov.vu](mailto:gesline@vanuatu.gov.vu), and [dcharley@vanuatu.gov.vu](mailto:dcharley@vanuatu.gov.vu) or link to: [www.geohazards.gov.vu](http://www.geohazards.gov.vu) .



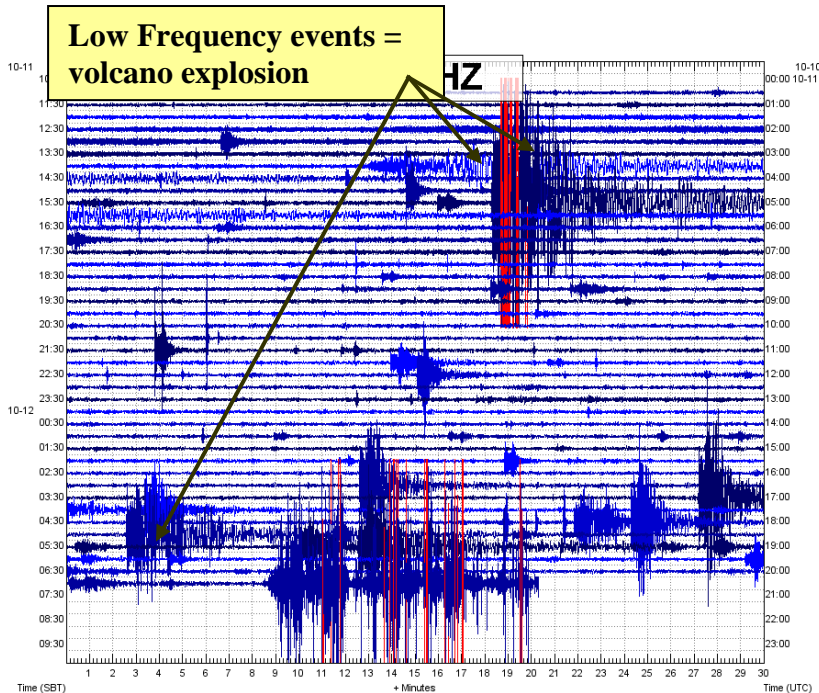
Bulletin d'activité volcanique

**Bulletin N°2, Activité volcanique de Gaua, le 13 Octobre 2009**  
**14°16'0"S 167°30'0"E Summit 2615ft (797m)**

Après l'évaluation de l'activité du volcan Mont Garet par une équipe de la section Geohazards du 3 au 7 Octobre, il est confirmé que ce volcan est entré dans une nouvelle phase éruptive depuis le 27 septembre 2009. Les données sismiques récupérées d'une station sismique installée par cette équipe sur Gaua montrent l'occurrence de plusieurs explosions de ce volcan (voir données sismiques ci-dessous du 11 Octobre 2009). Les mesures de flux gazeux volcaniques sortant de ce volcan le 03 Octobre ont confirmé que 3000 tonnes de dioxyde de soufre ont été dégazées par jour, ce qui veut dire qu'il existe une quantité significative de magma qui dégaze du volcan de Gaua.

A noter que le lac Letas entourant le volcan Mont Garet contient 800 millions de mètres cubes qui se vide par la rivière de la cascade de Gaua.

*Ol kaen aktiviti folem ol different Alet Level blong ol volcano blong Vanuatu.*



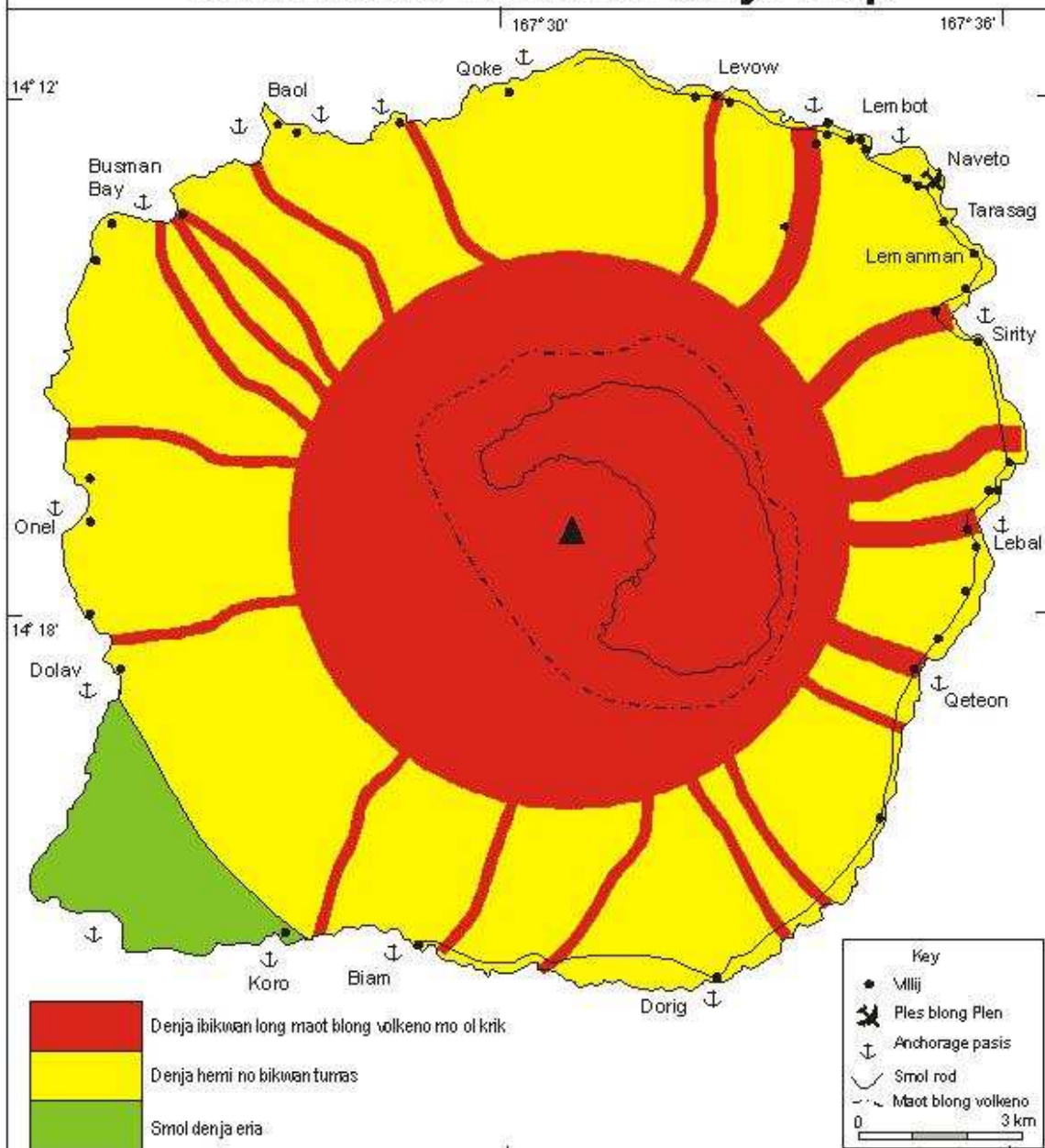
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En conséquence, **le niveau d'alerte volcanique du volcan de Gaua est élevé au niveau 2, selon le Niveau d'Alerte Volcanique du Vanuatu (VVAL)**. Il y a un danger direct près du cratère et du lac au sommet au niveau de la zone rouge ainsi qu'au niveau des rivières, surtout la rivière de la cascade de Gaua (voir carte de risque). L'approche du volcan est vivement déconseillée.

Avec ce niveau d'Alert, il y a un minimum d'action recommandé pour les communautés (voir fichier attache du plan de réponse de la communauté).

Pour plus d'information spécifique, contacter la section Risques Géologiques, téléphone 22907, email [gesline@vanuatu.gov.vu](mailto:gesline@vanuatu.gov.vu), et [dcharley@vanuatu.gov.vu](mailto:dcharley@vanuatu.gov.vu) ou consulter le site internet [www.geohazards.gov.vu](http://www.geohazards.gov.vu)

# Draft Gaua Volkeno Denja Map



## RED ZONE

Maot blong volkeno mo ol ples we niva mo krik iron long hem  
*Ples ia hemi kat bik denja bong soft mud mo wota i save ron aot long medel blong volkeno.*

## YELO ZONE

Olgeta ples insaed long 10 km aot long medel blong volkeno, mo long saed blong ol krik.  
*Ples ia igat denja long assis i save foldaon long hem mo igat ol bigfala nois blong explosen ikam aot long volkeno.*

## GRIN ZONE

Long southeast blong aelan.  
*Ol ples we igat denja blong assis i save foldaon long hem.*