

## INFORMATION NOTE #1

### KICK 'EM JENNY SUBMARINE VOLCANO UNREST AS OF 11:00 AM Monday 13<sup>th</sup> March, 2018

#### **Message: Kick 'em Jenny Submarine Volcano Alert Level raised from Yellow to Orange**

#### 1. THE EVENT:

During the period 11<sup>th</sup>-12<sup>th</sup> March, The UWI Seismic Research Centre (SRC) recorded a substantial increase in earthquake activity associated with the Kick-'em-Jenny (KeJ) submarine volcano, which is located 8km north of Grenada (12.18° N, 61.38 °W). The volcano is about 1300 m high and 300 m wide at its summit, and is currently estimated to be about 200 m below the surface of the sea. The most recent eruption of KeJ occurred in April 2017 (UWI-SRC, 2018). At 2:00 p.m. 12<sup>th</sup> March, 2018, the Grenada National Disaster Management Agency (NaDMA), with the scientific support of the SRC, raised the level of alert at the volcano from Yellow to **ORANGE**.



Figure 1: Location of Kick'em Jenny Volcano

#### 2. PROGNOSIS

##### ORANGE ALERT:

An **ORANGE** alert means that there is a highly elevated level of seismic and/or fumarolic activity or other unusual activity. An eruption may begin with less than twenty-four hours notice.

The greatest threat at this time is to shipping. Marine vessels and operators are asked to observe the exclusion zone of 5 km/ 3.1 miles. Civil authorities and the public should also be on alert.

At this time **THERE IS NO TSUNAMI THREAT** to any CDEMA Participating State.

##### Participating States:

Anguilla, Antigua and Barbuda, Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, St. Kitts and Nevis, Saint Lucia, St. Vincent and Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Virgin Islands

### 3. RECOMMENDED ACTIONS BY CIVIL AUTHORITIES AND THE PUBLIC:

According to the SRC, based on the **ORANGE** Alert level, it is recommended that:

- 3.1 Local radio stations in Grenada, St. Vincent, Barbados and Trinidad and Tobago be placed on alert.
- 3.2 The public is advised to listen to local radio continuously for updates from their national disaster offices and to visit the Seismic Research Centre website if possible.
- 3.3 All marine vessels should stay outside the first exclusion zone (1.5 km from the summit).
- 3.4 Non-essential shipping (pleasure craft etc) should stay 5 km clear of the summit (second exclusion zone).
- 3.5 Visiting scientists who are not taking part in essential monitoring are regarded as non-essential.

### 4. NATIONAL ACTIONS

#### ***Grenada***

The Grenada National Disaster Management Agency (NaDMA), continues to closely monitor the situation and released a public advisory at 2:00 pm 12<sup>th</sup> March, 2018. The alert level was raised from yellow to **ORANGE**. A Marine Advisory for STRICT observance of the exclusive zone, 5 km/3.1 miles in the water around the volcano, was issued by NaDMA.

#### ***Barbados***

The Barbados Department of Emergency Management (DEM), is monitoring the increase in the alert level at KeJ and issued a press release to the public on 12<sup>th</sup> March 2018. The press release stated that the volcano posed no immediate threat to Barbados at this time and appealed to ships and marine operators to observe the exclusion zone. DEM emphasized that there is currently no Tsunami threat to Barbados as a result.

#### ***St. Vincent and the Grenadines***

The St. Vincent National Emergency Management Organization (NEMO), issued a press release on 12<sup>th</sup> March, 2018 advising its population of the increase in alert level to **ORANGE** of the KeJ volcano.

#### **Participating States:**

**Anguilla, Antigua and Barbuda, Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, St. Kitts and Nevis, Saint Lucia, St. Vincent and Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Virgin Islands**



## 5. REGIONAL ACTIONS

- 5.1. In keeping with the Regional Coordination Plan Annex for Volcanoes, the CDEMA Coordinating Unit is in the process of notifying all the National Disaster Coordinators (NDCs) in the 18 Participating States of the incident. The Participating States in close proximity; St. Vincent and the Grenadines, Saint Lucia, Barbados, and Trinidad and Tobago as the Sub-Regional Focal Point (SRFP); are asked to continue to monitor the event.
- 5.2. The CDEMA Coordinating Unit will continue to monitor the situation in collaboration with The UWI Seismic Research Centre (SRC), the Grenada National Disaster Management Agency (NaDMA), the national disaster offices of the Participating States in close proximity to the volcano and provide updates to the RRM partners.

## 6. CONCLUSION

The public is advised to...

- Monitor radio or television and other official sources of information for progress reports
- Update your personal family preparedness plan and action items according to that plan
- Visit the websites <http://nadma.gd/>, <http://www.uwiseismic.com/> and [www.weready.org](http://www.weready.org) for additional information

Persons should continue to monitor the releases from their local national disaster office.

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Contact Details: The CDEMA CU 24hr contact number is **246 434-4880**

The UWI SRC contact number is **868 662-4659**

### Participating States:

Anguilla, Antigua and Barbuda, Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, St. Kitts and Nevis, Saint Lucia, St. Vincent and Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Virgin Islands