

**LA SOUFRIÈRE VOLCANO: INFORMATION NOTE #6 – THURSDAY 15<sup>TH</sup> APRIL 2021 AS AT 12:00 P.M. AST**



Image: Explosive Eruption at La Soufrière Volcano, St. Vincent & the Grenadines on April 13, 2021  
Source: Loop News Caribbean (<http://www.loopnewscaribbean.com>)

**MESSAGE:**

The La Soufriere Volcano continues to experience short bands of continuous seismic tremor interspersed with long period earthquakes have been recorded. The latest explosion occurred on April 14<sup>th</sup>, 2021 at 11:21 a.m. AST. Earlier that same day, a Detailed Damage Assessment Team (DDAT) arrived in St. Vincent & the Grenadines, comprising of specialists from CARILEC, CDEMA, CARPHA, CARDI, RSS, FAO, PAHO and UNICEF.

**ALERT LEVEL:**

Red

**IMMEDIATE EVACUATION ORDERS HAVE BEEN ISSUED FOR RESIDENTS LOCATED IN THE RED ZONE**

**SITUATION:**

Since our previous information note on Monday 12<sup>th</sup> April 2021, The La Soufriere Volcano experienced a huge Pelean style explosion on that same day, followed by pyroclastic density currents on the south and south western flanks of the volcano. Thereafter, on April 13<sup>th</sup> at 6:30 a.m. AST, a classic vulcanian explosion occurred. Following this explosion, small, long-period earthquakes continued to gradually increase in number. These continued until another episode of explosive activity started at 8:30 p.m. AST on April 13<sup>th</sup>. This generated a continuous seismic tremor which lasted for four (4) to five (5) hours. The latest explosive eruption occurred yesterday April 14<sup>th</sup> at 11:21 am AST.

The explosions which occurred pulsed for >40 minutes and produced pyroclastic density currents (PDCs) which appears to have travelled down valleys that drain towards the Rabacca River on the east coast of the island. La Soufriere's current pattern of explosions appears to be episodic with increasing intervals noted over the past 24 hours. Therefore, explosions and accompanying ashfall, of similar or larger magnitude, are likely to continue to occur over the next few days.

**CARILEC JOINS DETAILED DAMAGE ASSESSMENT TEAM:**

On April 14<sup>th</sup>, a Detailed Damage Assessment Team (DDAT) arrived in St. Vincent & the Grenadines, comprising of specialists from CARILEC, CDEMA, CARPHA, CARDI, RSS, FAO, PAHO and UNICEF. Mr. Thomas Mitschke, CARILEC's Energy Solutions Advisor (ESA) accompanied this team and travelled to St. Vincent via the 'Defender' Coast Guard vessel from St. Lucia.



View of La Soufriere Volcano upon Approach to St. Vincent on Board *Defender* Coast Guard Vessel

Photo Credit: Thomas Mitschke, Energy Solutions Advisor (ESA),

Mr. Mitschke is a highly competent energy expert, project manager and technical advisor, with over fourteen (14) years of experience in his field. He has a track record of proven success, having worked as an Energy Expert in several countries, including Honduras, Belize, Pakistan, Ecuador, Ghana, and Germany.

The DDAT will conduct a Detailed Damage Sectoral Assessment (DDSA) which is designed to provide an estimate of damage and loss, aimed at providing guidance on estimating the cost of recovery. Agriculture, health, and water have been determined as the sectors within which the DDSA will focus. The DDSA provides key information that would inform recovery efforts, a report on the extent of damage and identifies direct and indirect costs of sectoral impacts. The intended outcomes of the DDSA include the determination of the types of long-term assistance required, rehabilitation and reconstruction needs of the sectors and the provision of data to be used in the quantification of indirect costs.

**RED ALERT LEVEL:**

A Red Level Alert indicates that eruption is in progress or may occur without further warning.

**MORE INFORMATION:**

Visit the [UWI Seismic Research Centre](#) webpage for more information on the La Soufrière volcanic activity.

**DONATIONS TO ST. VINCENT ELECTRICITY SERVICES LIMITED (VINLEC):**

If your utility or organisation is desirous of donating relief supplies to St. Vincent Electricity Services Limited (VINLEC) in particular and/or the island generally, please refer to the table below which has a list of supplies currently needed.

**NEEDS LIST (as of 14th April 2021)**

RELIEF ITEM	PRIORITY (HIGH, MEDIUM, LOW)	QUANTITY	COMMENTS/REMARKS
Water Tanks 800 gallons	H	100	Target – shelters No. of shelters : 100
Water Tank 1,000 gallons	H	100	Target for agriculture sector – farms and livestock
Water bladders collapsible	H	50	200 gallon
Water bladders collapsible	H	50	100 gallon
Water bladders collapsible	H	20,000	To be provided in minimum quantities of 5 gallon bottles
Buckets (5 gallons)	H	5,000	Target – shelters laundry and shower
<sup>1</sup> Water - Drinking and domestic hygiene (gallons)	H	12,774,194	Water for full population of the country, 110,000 for 30 days

**NEEDS LIST cont'd (as of 14th April 2021)**

Drinking water 24x500 ml	H	40,000	
Drinking water 12x1 litre (7 days supply)	H	28,000	
Drinking water 4x4 litre	H	45,000	
Portable Potties (Toilets)	H	150	For Shelters
Blankets	H	10,000	For shelters
Respirator masks with filters	H	10,000	Target - front line and first responders
Hygiene Kits	H	Hygiene Kits	For Shelterees/evacuees
Mattresses	H	1000	54 x 75 double
Mattresses	H	1000	Single
Disposable Food Containers Paper or biodegradable	H	20,000	Plates, Forks,Cups, Spoons, Soup bowls
Wheelchairs	H	600	
Walkers	H	1,000	
Field Tents (20ft x 20ft)	M	30	For shelters
Field Tents (10ft x 10ft)	M	20	For shelters
Field Kitchen	M	2	Provide meals to the shelters

**NEEDS LIST cont'd (as of 14th April 2021)**

Reflective Vests	M	2,000	First responders and volunteers
Caution Tape (100ft roll)	M	100	Cordoning of emergency sites
Generators	M	100	7,500 W
Sleeping Mats	L	1,000	Contingency for shelters (in lieu of cots)
Food items (for impacted population 20,000)			
Water pumps		50	3-5hpa
<sup>1</sup> Notes to the drinking water calculations: 15 litre per day; 30 days; pop 110,000; convert to gallons at 3.875l per gallon			

Source: CDEMA Situation Report #13, as of 8:00 p.m. (AST) on April 14, 2021.

The CARILEC Secretariat requests that you send an email to the email addresses listed below, detailing the items/supplies donated or monetary amount your utility or organisation would like to donate. This is to facilitate the compilation of a report detailing the collective assistance rendered to VINLEC in particular, and/or the island generally, from the CARILEC membership body.

Send an email detailing supplies or monetary donations to any of the following addresses:

CDAP: [cdap@carilec.org](mailto:cdap@carilec.org)

Karen Piper, CDAP Disaster Coordinator: [kpiper@carilec.org](mailto:kpiper@carilec.org)

Alana Raymond, Marketing & Member Services Manager: [araymond@carilec.org](mailto:araymond@carilec.org)

Please note that if you are located in a CARICOM Participating Member State, your utility or organisation should contact your local National Disaster Office (NDO) or National Emergency Management Organisation or Agency (NEMO/NEMA) to arrange for collection and transportation of the supplies/items to St. Vincent & the Grenadines.

**SEE BELOW FOR INFORMATION ON SENDING MONETARY DONATIONS:**



**DONATIONS** *(monetary donations rather than relief supplies are encouraged at this time)*

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**The Office of the Prime Minister of St. Vincent and the Grenadines has provided banking information for donations to be made for disaster relief.**

**Bank of America**  
**SWIFT Code:** BOFAUS3M

**Bank of New York**  
**SWIFT Code:** IRVTUS3N

**For further credit to:**

**Name:** Government of St. Vincent and the Grenadines  
Accountant General - Disaster Relief Fund

**Bank:** Bank of St. Vincent and the Grenadines

**Address:** Bedford Street, Kingstown, St. Vincent and the Grenadines

**Account No.:** 137741

**Swift Code:** NCBVVC22

**Donations may also be given through CDEMA Emergency Assistance Fund via the banking details below:**

**Company Name and Address**

CARIBBEAN DISASTER EMERGENCY  
MANAGEMENT AGENCY (CDEMA)  
Address: Resilience Way, Lower Estate,  
St. Michael, Barbados, West Indies

**For persons outside of Barbados:**

**Intermediary Bank:** Wells Fargo Bank, NA  
**SWIFT Code:** PNBUS3NNYC  
**ABA Routing #:** 026 005 092  
**Account Number:** 2000192003913  
**Bank Address:** 11 Penn Plaza, 4th Floor, New York, NY

**For persons in Barbados:**

**Beneficiary Bank:** CIBC FirstCaribbean International Bank  
**Bank Address:** Warrens, St. Michael, Barbados  
**Swift Code:** FCIBBBBB  
**Name of Beneficiary:** CDEMA La Soufriere Relief  
**Account Number:** 1001206239  
**Currency of Account:** BARBADOS DOLLARS

**Beneficiary Bank:** CIBC FirstCaribbean International Bank  
**Bank Address:** Warrens, St. Michael, Barbados  
**Swift Code:** FCIBBBBB  
**Name of Beneficiary:** CDEMA La Soufriere Relief  
**Account Number:** 1001206240  
**Currency of Account:** UNITED STATES DOLLARS

*Source: CDEMA Situation Report #13, as of 8:00 p.m. (AST) on April 14, 2021.*



***The following update presents information from the Caribbean Disaster and Emergency Management Agency (CDEMA) participating states or member countries:***

**UPDATES FROM IMPACTED CDEMA PARTICIPATING STATE:**

**St. Vincent and The Grenadines:**

1. The National Emergency Operations Centre (NEOC) is activated and operational 24 hrs.
2. The Hon. Prime Minister Ralph Gonsalves held a press briefing on 14 April 2021 to update the nation on the situation.
3. Prime Minister Gonsalves pleaded with persons to leave the red zone. Over the last five days, 127 people have been rescued in Owia, a community located in the red zone, despite evacuation orders given last week.
4. The Government has been in discussions with regional and global tourism entities as well as international Governments including Canada, USA, France and England.
5. Fifty (50) security personnel from Trinidad and Tobago are currently on the ground. An additional 40 personnel via the Regional Security System (30 from the Barbados Defence Force plus 10 others) and 10 personnel from Grenada are expected.
6. Water supply systems are about 65% restored in four (4) areas in the red zone: Owia, Sandy Bay, Fancy and Hermitage.
7. Water has been received via vessels from Barbados, Dominica, Venezuela and private sector entities/donors.
8. The Ministry of Mobilisation et al is facilitating a cash voucher programme to support displaced families.
9. A dedicated hotline number is established 784-526-3000 to facilitate calls into the EOC.
10. A satellite EOC is established next to the main EOC to facilitate relief and shelter management.
11. Families living overseas are encouraged to send monetary donations rather than small packages to avoid putting undue stress on the ports to process multiple small packages. Bulk shipping should be done where possible.

**CARIBBEAN DISASTER AND EMERGENCY MANAGEMENT AGENCY (CDEMA) ACTIONS:**

The CDEMA Coordinating Unit (CU) continues to operate in accordance with the standard operating procedures (SOPs) of the Regional Coordination Plan (RCP) which includes maintaining contact with the threatened states and Regional Response Mechanism (RRM) partners.

1. Detailed Damage Sector Assessment (DDSA) Team is scheduled to arrive in St Vincent on Wednesday 14th April. The team comprises specialists from CARPHA, CARDI, CARILEC, RSS, FAO, PAHO and UNICEF.
2. CARICOM Disaster Relief Unit (CDRU) being mobilized to assist with relief management at the Port and other humanitarian assistance needs on the ground.



3. Coordinating pledges and donations from CDEMA PS, regional and international partners; daily partner coordination briefings. Please contact the Regional Coordination Center via [rccuser@cdema.org](mailto:rccuser@cdema.org)
4. The public is being advised to coordinate relief supplies with their National Disaster Office in country
5. Accounts established for direct donations to St. Vincent relief efforts and the regional disaster response fund.

**SOURCES:**

*Explosive Eruption at La Soufrière Volcano, St. Vincent, CDEMA Situation Report #11, as of 10:00 p.m. (AST) on April 12, 2021.*

*Explosive Eruption at La Soufrière Volcano, St. Vincent, CDEMA Situation Report #12, as of 10:00 p.m. (AST) on April 13, 2021.*

*Explosive Eruption at La Soufrière Volcano, St. Vincent, CDEMA Situation Report #13, as of 8:00 p.m. (AST) on April 14, 2021.*

*UWI Seismic Research Centre, Facebook Page, (<https://www.facebook.com/uwiseismic/>).*