

# EXPLOSIVE ERUPTION AT LA SOUFRIÈRE VOLCANO, ST. VINCENT

## SITUATION REPORT No. 23

AS OF 8:00 PM ON 24 APRIL, 2021

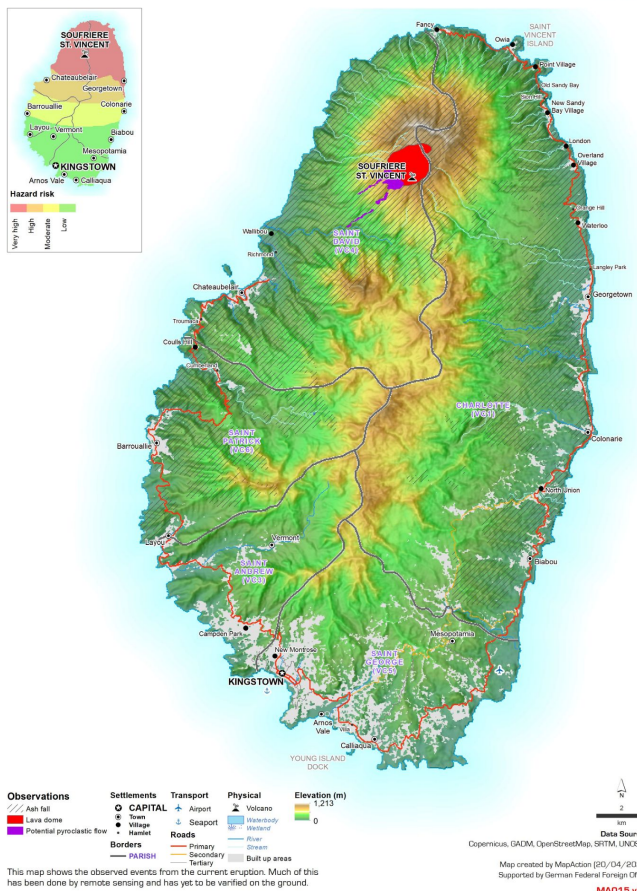
### Seismic activity continues at the La Soufriere, St. Vincent

The 6:00PM Scientific Advisory from the UWI Seismic Research Centre (SRC) issued on 23rd April 2021, reported the following:

- Seismic activity at La Soufrière, St Vincent has been low after the tremor associated with the explosion and ash venting around noon on 22 April.
- Only a few long-period, hybrid and volcano-tectonic earthquakes were recorded and there was no further tremor.
- The seismic network recorded signals from multiple lahars (mudflows) at about 9 pm on 22 April. The locations of these lahars have not been determined.
- Measurements of sulphur dioxide flux (mass) at La Soufriere volcano was again undertaken along the west coast today with the assistance of the coast guard. An average SO<sub>2</sub> flux of 992 tons per day was recorded.
- Since the initial depressurization (deflation) seen immediately after the April 9 explosive phase, the continuous GPS network has recorded a decrease in the overall rates of horizontal and vertical movement.
- The volcano continues to erupt. Its pattern of seismic activity over the last few days is typical of the growth and destruction of lava domes. Explosions with accompanying ashfall, of similar or larger magnitude, can occur with little or no warning.
- The volcano is at alert level Red.



St Vincent and the Grenadines: La Soufrière volcano  
Overview of volcanic activity (as at 19 Apr 2021)





**ALERT LEVEL REMAINS RED**

**Evacuation Orders have been issued. Access to the volcano is strictly prohibited.**

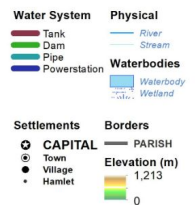
## Updates from Impacted CDEMA Participating State

CDEMA has been in regular contact with NEMO St. Vincent and the Grenadines and the following was reported from NEMO Situation Report 16 as of April 23, 2021 at 10:00PM. Note that these numbers are subject to change as more data and information are collected.

 <b>NEMO, St. Vincent &amp; the Grenadines</b>		
<b>NEMO EMERGENCY: (784) 458-6366</b>	<b>nemosvg@gov.vc</b>	<b>NEMO HOTLINE: (784) 526-3000</b>
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <ul style="list-style-type: none"> <li>85 public shelters with 4,396 occupants</li> <li>6,790 persons are registered in private shelters</li> <li>1,618 families in private homes</li> </ul> </div> <div style="width: 30%;"> <ul style="list-style-type: none"> <li>1,333 persons in private homes are registered to feed at shelters</li> <li>156 persons sheltered in hotels</li> <li>total of 13,303 persons displaced</li> </ul> </div> </div>		

## MAP ACTION OVERVIEW OF SVG WATER RESOURCE LOCATIONS

**MAP ACTION** St. Vincent and the Grenadines:  
Overview of water resource locations



**Data Sources**  
GADM, OpenStreetMap, SRTM, GeoCris, Smithsonian  
Map created by MapAction (21/04/2021)  
**MAO16 v1**

## SHELTER STATISTIC REPORTED BY PAHO AT APRIL 23, 2021

NAME OF SHELTER <sup>1</sup>	TOTAL # OF PERSONS	MALE	FEMALE
Lodge Village Government School	140	53	87
Kingstown Government School	88	TBC	TBC
The Latter Day Saint Church shelters	45	24	21
New Adelthy Secondary School	51	34	17
New Ground Primary School	56	31	25
Diamond Primary	34	22	12
Kingdom Life Ministries Church and School	19	11	8
Barrouallie Learning Resource Center	76	34	42
Barrouallie Technical Institute	48	24	24
Barrouallie Government School	61	34	27
Petershope Central Leeward Secondary School	114	67	47
Brethren Grace and Truth Bible Camp	42	21	21
<b>TOTAL</b>	<b>774</b>	<b>355</b>	<b>331</b>



<sup>1</sup> All shelters inspected by PAHO



### Coordination of the Regional Response Mechanism (RRM)

- WFP oriented the CDRU and Cadet Force on the CDEMA Logistic System (CLS) to assist with relief management.
- The public is being advised to coordinate relief supplies with their National Disaster Office in country, cash donations are recommended and banking details are provided on page 4.
- For further information please contact the Regional Coordination Center via [ccuser@cdema.org](mailto:ccuser@cdema.org)

### Support being provided by RRM and other Partners as at 24 April

- The World Central Kitchen (WCK) is providing meals for persons in private shelters
- Adventist Development and Relief Agency International (ADRA) will be providing 1,280 meals per day for one (1) month – for 12 shelters
- Regional Security System (RSS) is providing security at 7 shelters and 3 satellite relief centres and will also provide security for the Logistics Hub
- Water Production capability is growing and work is ongoing to restore a pipe-borne supply to the public. Bottled water distribution continues across the SVG.

## List of preparatory actions being undertaken by RRM and other Partners



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

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

For further credit to:

Bank of America  
SWIFT Code: BOFAUS3M

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

Bank of New York  
SWIFT Code: IRVTUS3N

**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 La Soufriere Donation Facility 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