



## Situation Overview

- The swarm of long-period and hybrid earthquakes continue but the rate of occurrence dropped significantly last night, April 16, 2021 around 8:00 pm and has remained near-constant since.
- Satellite images show that the new crater measures 900m x 750m and estimated to be 100m deep. New crater has several vents but only one is clearly identified.
- Another eruption occurred on April 18, 2021 at 4:49 pm. Ash clouds were moving towards the south and west of the island.
- Airport remains closed.
- The volcano alert level remains **RED**

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	16	9	7
Barrouallie Learning Resource Center	76	34	42
Barrouallie Technical Institute	48	24	24
Barrouallie Government School	70	45	25
Petershope Central Leeward Secondary School	114	67	47

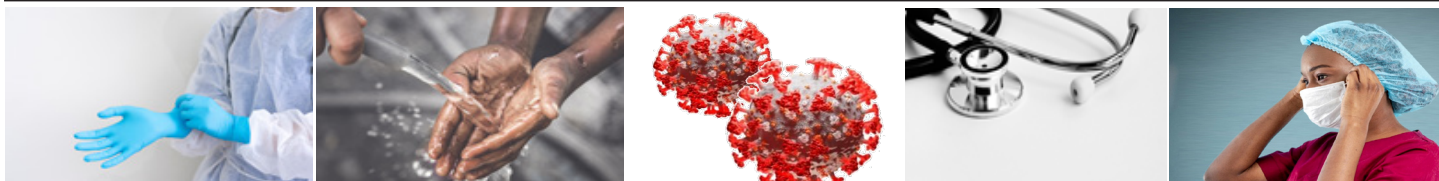
<sup>1</sup> All shelters inspected by PAHO

## HIGHLIGHTS

Estimated # of affected persons/evacuees	16,000-20,000
# of villages evacuated	30
# of public shelters	85
# persons in public shelters	6,208
# displaced families	1,800
# displaced persons in private shelters	6,567
# Missing persons	0
# Injured persons	0
# Deaths	0
# medevacs	0
# COVID-19 isolation centres	3
Capacity (beds) on main island <sup>1</sup> , at least	200
Capacity (beds) in the Grenadines <sup>2</sup> , at least	21
# Active COVID-19 cases	131
Total vaccines administered	250
14 April 2021	
Teams of four nurses visit the shelters daily to administer COVID-19 vaccinations and tests; as well as carry out syndromic surveillance (Coughs, Fevers and Diarrhoea); none of these three symptoms were reported.	

<sup>1</sup> & <sup>2</sup> Total capacity of beds, not # of available beds based on occupancy

## Health related challenges



- No new COVID-19 positive case reported by Ministry of Health from the 43 samples processed on 18 April 2021. MOH continues to urge the public to use masks, sanitize, physically distance, and get vaccinated to reduce the spread of COVID-19 in country.
- An increase of respiratory illness (without fever) is reported in some health facilities and shelters. Ministry of Health continues to carry out enhanced syndromic surveillance in these sites.
- Limited access to water supply still reported in some health care facilities, including shelters. The need to test supplementary water sources remains a concern.
- Caribbean Water and Wastewater Association (CWWA) released test results showing no detectable levels of iron, arsenic, copper, manganese and zinc; and very low levels of aluminium in source and treated water samples.
- Resources to support environmental health in shelters is required. Waste management is critical.
- Air quality still to be evaluated and associate health risk need to be monitored.
- Mental health of affected population is of concern, considering that current disaster will continue to evolve. Consideration should be given to those with existing mental health issues. This includes mental health problems such as anxiety, neuroses and depression.
- The consumption of unhealthy foods in conjunction with food shortages and damage to crops may affect the health of the displaced populations.

## PAHO Response Actions

- As part of Detailed Damage Sectoral Assessment (DDSA) Team organized by CDEMA, PAHO visited three health facilities to assess WASH and health situation. - South Rivers, Park Hill, and Levi Latham Health Centers. Findings and recommendations were discussed and submitted for presentation to national authorities.
  - Participated in the coordination meeting with Ministry of Health and UN.
  - Meeting held with NCD Coordinator and Chief Pharmacists regarding provision of NCD kits. Consultation with CMO to be done CMO, Head of Central Medical Stores and Chief Nursing Officer to be made on way forward.
  - Participating in the nutrition response planning.
- Joint statement with other agencies being prepared to protect breastfeeding and support infant and young child feeding. A nutrition assessment focusing on children under 5 years, pregnant and lactating women being planned; to develop a response plan.
- Shipped water samples for laboratory testing in Martinique.
  - Participated in the virtual launch of the UN Global Flash Appeal.
  - Collaborated with WFP on joint proposal submission to ECHO.
  - Provided technical assistance to UNICEF on developing CERF proposal on WASH.



UN Global Flash Appeal  
Photo credit: Alex Williams



From left: Adrianus Vlugman, PAHO WASH Expert, Marco Brown and Zonique Dublin, CWSA)

Water samples to be tested in Martinique

## Reference

1. [Ministry of Health Facebook](#)
2. PAHO [Situation Reports](#) and Donor Alert
3. International Volcanic Health Hazard Network (IVHHN): [a protocol for ash collection](#), [IVHHN ash protection pamphlet](#), [leaflet](#)

## CONTACT INFORMATION

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# ANNEX

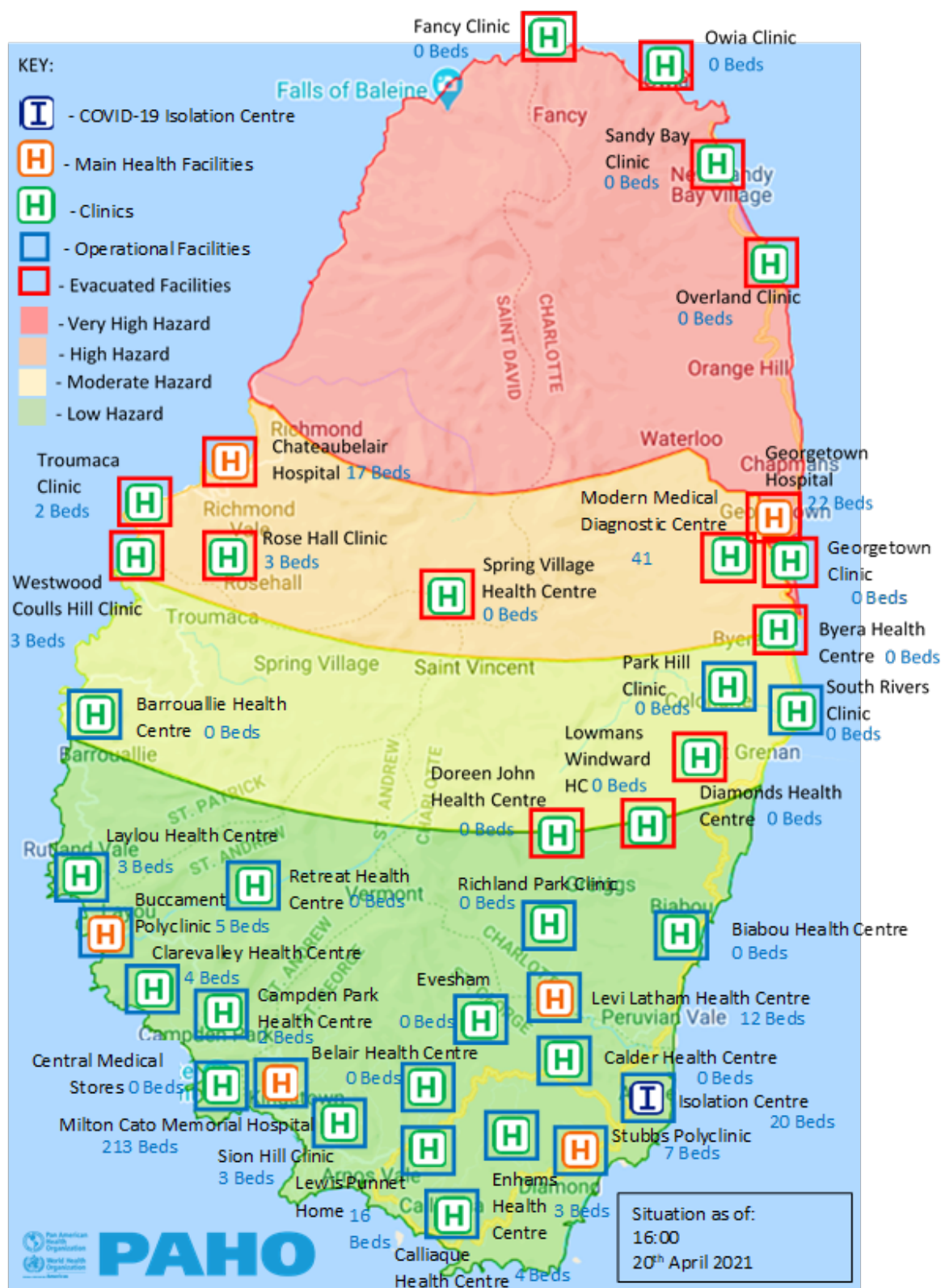


Figure 1. Map showing location of Health Care Facilities

## Tracking Table of Health Needs

PAHO is currently reviewing the revised health needs list of the Ministry of Health dated 18 April. Currently, PAHO has the following items delivered/available:

ITEM	QUANTITY	STATUS
Generator	1	In Stock
Mosquito nets	100	In Stock
Oral Hydration Salts (boxes)	3	In Stock
Aquatabs	40,000	Purchased (Expected delivery to MoH 24 April 2021)
Aquatabs 8.68g	24,480	Purchased (Expected delivery to MoH 24 April 2021)
Water testing kits	6	In Stock
Water testing kits	2	Delivered to CWSA 16 April 2021
Masks	100,000	Delivered to CWSA 16 April 2021
Streamline High-Wall Split NC System, DC Inverter 9000 BTU, 2.6KW (Installed) (OM)	4	Purchased (Awaiting installation by vendor)
Streamline High-Wall Split NC System, DC Inverter 24000 BTU, 7.0KW (Installed) (OM)	2	Purchased (Awaiting installation by vendor)
3M Dual Cartridge Respirator (Medium) (C12)	14	Purchased (Pending delivery)
3M Pre-Filter for 51P71 & 52P71 Respirator (pack of 10)	177	Purchased (Pending delivery)
3M Half Face Mask W/O Cartridges (EA) (B24)	10	Purchased (Pending delivery)
3M Multiple Gas Cartridge (Multi-Acid Gas/Organic Vapour) For 6200 1/2 Mask - Pair (B30)	10	Purchased (Pending delivery)
3M Filter Retainer for 51P71, 52P71, 53P71(B20)	20	Purchased (Pending delivery)
Bladder tank 10m3, distrib ramp, repair kit, cover	1	Purchased (Delivery to MoH 24 April 2021)
Surgical Mask	100,000	Purchased (Delivery to MoH 24 April 2021)
Face Shield	5,000	Purchased (Delivery to MoH 24 April 2021)
First responder's trauma backpacks	30	Purchased (Delivery to MoH 24 April 2021)
Jerry cans (collapsible)	1,000	Purchased (Delivery to MoH 24 April 2021)
O2 cylinders	50	Purchased (Delivery to MoH 24 April 2021)
Bladder tank 5m3 w/accessories, 6-point distrib.Ramp	2	Purchased (Delivery to MoH 24 April 2021)
Bladder tank 10m3 w/accessories, 6-point distrib. Ramp	1	Purchased (Delivery to MoH 24 April 2021)
Aquatabs 67 mg for 10 liters, box of 1,600 blister x 10 tablets	30	Delivered to CWSA 16 April 2021
Aquatabs 8.68 gr for 1,000 liters, bottle, x60 tablets	100	Delivered to CWSA 16 April 2021
Aquatabs 33 mg for 5 liters, box of 10,000 tablets	15	Delivered to CWSA 16 April 2021
450 Gallon water tanks	10	Purchased SVG (Delivery to MoH 24 April 2021)
Water pumps	10	Purchased SVG (Delivery to MoH 24 April 2021)
Respirator masks dual cartridge	200	Purchased SVG (Delivery to MoH 24 April 2021)