



Situation Overview

- Volcano continues to erupt. Another explosive eruption was reported around 11:08am on April 22, 2021
- Argyle International Airport to reopen on Saturday April 24, 2021 with Cargo Terminal returning to normal operations from Friday April 23, 2021
- The volcano alert level remains **RED**

NAME OF SHELTER ¹	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
TOTAL	774	355	331

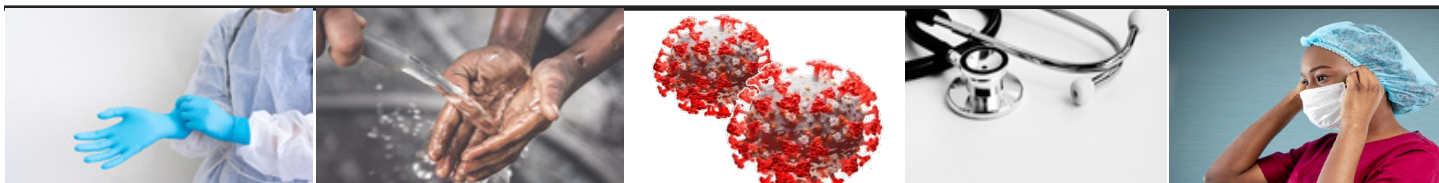
¹ All shelters inspected by PAHO

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	6,790
# Missing persons	0
# Injured persons	0
# Deaths	0
# medevacs	0
# evacuated health facilities (2 hospitals, all others are clinics)	13
# COVID-19 isolation centres	3
Capacity (beds) on main island ¹ , at least	200
Capacity (beds) in the Grenadines ² , 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.	

¹ & ² Total capacity of beds, not # of available beds based on occupancy

Health Situation



- PAHO continues to discuss short, medium and long term needs with MoH.
- PAHO prepares additional shipment of masks, N95, face shields, water bladders, PCR test kits, buckets, collapsible jerrycans, urinals, working gloves, reflective vests, caution tape, aqua tabs and laboratory supplies. Shipment is facilitated by WFP and arrives in VCT Saturday 24 April, 2021 at 8:00am.

Water, Sanitation and Hygiene (WASH)

- Central Water and Sewerage Authority (CWSA) announced that beginning today (April 22), a nightly reduction of water supply to 12 villages, including Kingstown, due to reduction in river flows and increased demand.
- Meeting with CWSA on 22 April 2021
- The team discussed possible collaboration between PAHO/UNICEF/Water Mission on strengthening resilience and operation efficiency of CWSA, specifically:
 1. Purchase of new WaterTruck (UNICEF/Water Mission)
 2. Laboratory Capacity in collaboration with HACH (UNICEF/PAHO)
 3. Reduction in unaccounted for water (Water Mission)
 4. Groundwater exploration (Water Mission)
 5. Turbidity actuator (automatically closing intake when turbidity is in excess of threshold level.) Water Mission)
 6. Sludge management from sedimentation chamber at water treatment plant (Water Mission)
- With UNICEF, 3 shelters were visited on 21 April 2021 and the following were noted:
 - At Barrouallie Leeward Central Secondary School, water meter was not working and the main water line was bypassed by new line to high level tanks on the roof. It is suspected that water meter is clogged with volcanic ash. Two high level tanks were also found to be leaking onto the volcanic ash laden flat roof and draining into a nearby overflow. There is a risk of clogging of these many overflows as ash will wash down and clog the drain pipes. The residual chlorine was 0.0
 - At Barrouallie Government school, BRAGSA was completing repairs to the water supply system to the school (April 21). The pressure was increased but the residual chlorine was 0.0. The shelter has intermittent running water of 0.5 ppm residual chlorine. There are 13 toilets and urinals - 6 female; 4 male and 3 staff toilets (not gender assigned) now used by the evacuees.
 - At Brethren Grace and Truth Bible Camp, two 1000 gals tank store water on elevated structure and were refilled by tanker truck this afternoon (April 21) as the supply was intermittent. The residual chlorine was 0.3, but considering that the tank was 1/3 filled before new water was added, it can be calculated that the residual chloring in the tanker truck was about 0.5.

Health Needs

Evaluation of Air quality

Meeting held today (April 22) with CMO and PAHO response team and the following needs were determined:

- The strengthening of the public health laboratory facilities is of specific interest to the ministry because of a WB-OECS project proposal.
- Short term support requested from MoH to PAHO includes:
 - Support in coordinating the health emergency operations between the MoH and its departments with NEMO and the external organization.
 - Identification and rental of temporary space for H-EOC
 - Hiring of data entry persons to collected surveillance data on COVID-19 testing, vaccination, shelter health date, HCF information, disease surveillance, vector control and dengue.

PAHO Response Actions

- Continued coordination with Ministry of Health on health emergency actions
- Continued monitoring of water quality in health care facilities and shelters
- Provided regular health update at the Caribbean Development Partnership Group (CDPG)
- Participated in the inter-agency shelter meeting which discussed immediate and long-term housing requirements. PAHO Wash advisor provided further input on assessments and medium-term interventions to improve functionality of shelters
- Participated/Facilitated the meeting on air quality, including participation from MoH, CARPHA and IVHHN.
- Preparation of supplies and materials to be sent to St Vincent. ETA 24 April 2021 at 8:00am



Photo credit: Craig Williams

From left Keni Cruickshank, Shelter Manager at the Kingdom Life Ministry shelter, and Ton Vlugman, PAHO WASH Expert, conducting an assessment.

Reference

- [Ministry of Health Facebook](#)
- [NEMO Facebook](#)
- [CWSA Facebook](#)
- PAHO [Situation Reports](#) and Donor Alert
- International Volcanic Health Hazard Network (IVHHN): [a protocol for ash collection](#), [IVHHN ash protection pamphlet](#), [leaflet](#)
- MoH VCT COVID-19 travel protocol: COVID-19 Protocol for the working quarantine - Humanitarian - Updated 16 April 2021 (www.gov.vc)

CONTACT INFORMATION

Incident Manager, Mr. Clemens Buter | butercl@paho.org | (246) 826-5808

Health Cluster Lead, Dr. Yitades Gebre | gebrey@paho.org | (246) 836-5497

Senior Advisor Coordination Support, Dr. Dana van Alphen | vanalphd@paho.org | (+31) 683426260

PAHO Contact in St. Vincent & the Grenadines, Mrs. Nicole Slack-Liburd | slacknic@paho.org | (784) 526-6000

Communication Contact, Ms. Brenda Lashley | lashleyb@paho.org | (246) 836-2671

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)