

HURRICANE BERYL

SITUATION REPORT #3

8:00 PM on 4th July 2024

HURRICANE BERYL CAUSED SIGNIFICANT IMPACTS TO CDEMA PARTICIPATING STATES IN THE NORTH-WESTERN CARIBBEAN

LOCATION OF HURRICANE BERYL AS AT 8:00PM (AST), 4th JULY 2024:

- **ABOUT 180 MI OR 295 KM ESE OF TULUM MEXICO**
- **MAX SUSTAINED WINDS, 110 MPH OR 175 KM/H**
- **PRESENT MOVEMENT...WNW OR 285 DEGREES AT 20 MPH...31 KM/H**
- **MINIMUM CENTRAL PRESSURE...974 MB...28.77 INCHES**
- **TROPICAL STORM WATCH IS IN EFFECT FOR...COAST OF BELIZE FROM SOUTH OF CHETUMAL TO BELIZE CITY**

(Source: [National Hurricane Centre](https://www.nhc.noaa.gov))



(Source: [National Hurricane Centre](https://www.nhc.noaa.gov))

SITUATION OVERVIEW:

Beryl, originating as a tropical depression, underwent a rapid intensification on June 30th, making it the earliest major hurricane in the Atlantic. The cyclone swiftly moved westward, posing an immediate threat to several islands in the Eastern Caribbean. Beryl's journey across the Eastern Caribbean was marked by its strength, reaching Category 3 to Category 4 with maximum sustained winds between 130 and 150 MPH.

Hurricane Beryl impacted nine (9) CDEMA Participating States: Barbados, Trinidad and Tobago, Grenada and its dependents, St. Vincent and the Grenadines, Saint Lucia, Dominica, Haiti, Jamaica and the Cayman Islands. Beryl is on track to potentially impact a 10th, Belize. Three (3) of the four (4) sub-regions were impacted by Major Hurricane Beryl.

The impact on Grenada and its dependents and Saint Vincent and the Grenadines was significant, prompting a level 2 response support from the Regional Response Mechanism (RRM). Assessments are ongoing to determine the level of response to Haiti, Jamaica and the Cayman Islands.

Severe Weather Update from the Caribbean Institute of Meteorology and Hydrology (CIMH) at 1:00 PM, 4th July 2024.

Disclaimer: *The CIMH provides special weather interpretation of the current and forecasted tropical weather affecting the Caribbean Region and is NOT an official forecasting agency.*

WIND: Hurricane conditions are expected to subside over portions of the Cayman Islands during the next few hours, with tropical storm conditions subsiding this afternoon.

Storm Surge: Storm surge could raise water levels by as much as 2 to 4 feet above normal tide levels in areas of onshore winds along the immediate coast of the Cayman Islands.

Rainfall: Beryl is expected to produce rainfall totals of 4 to 6 inches over the Cayman Islands today. Over the Yucatan Peninsula, Beryl is expected to produce rainfall totals of 4 to 6 inches, with localized amounts of 10 inches, later today into Friday. Scattered instances of flash flooding are anticipated.

Surf: Large swells generated by Beryl are currently impacting portions of the coast of Jamaica, Cuba, and the Cayman Islands. These swells are expected to spread to the Yucatan Peninsula and portions of Central America later today and to eastern Mexico and much of the Gulf Coast of the U.S. by late Friday. These swells are expected to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

Situation Updates from Impacted Participating States



JAMAICA

The following updates were shared by the Office of Disaster Preparedness and Emergency Management (ODPEM) in their Situation Report #2 Hurricane Beryl as at 8:00PM on July 3, 2024.

- Hurricane Beryl made landfall at 5:00PM, July 3, 2024.
- As of Wednesday, July 03, 2024, southern, eastern and north-central parishes received periods of showers from the outer bands of the hurricane.
- Impacts reported include fallen trees, downed powerlines, power outage, roof damage, blocked roads, flooding, damages to school.
- Power outage was affecting 456,816 customers up to the time of the report.
- 159 shelters activated across 12 parishes accommodating 970 persons as at 2000hours June 03, 2024.
- The Prime Minister issued the Disaster Risk Management (Enforcement Measures) (Hurricane Beryl) Order 2024, declaring Jamaica as a disaster area in effect Wednesday, July 03, 2024, and remaining in effect for the next 7 days. Orders pertaining to evacuation of 'low-lying and flood-prone areas and persons not identified as authorized officers must be in a place of abode, 6:00am until 6:00pm.
- The ODPEM activated the NEOC at Level 1 as of Monday, July 01, 2024, and escalated activation to level 3 as of Tuesday, July 02, 2024, at 10:00PM. - An NEOC briefing was held with ODPEM staff and key agencies present in the NEOC at 11:45 PM.

Situation Updates from Impacted Participating States

JAMAICA

- On Wednesday night (July 3, 2024), the Office of Disaster Preparedness and Emergency Management (ODPEM) issued notification via Facebook that Jamaica continues to experience strong winds and heavy rain due the passage of Hurricane Beryl. A new island-wide curfew came into effect from 11 PM on July 3, 2024, to 6 AM July 4, 2024.
- At 11:00PM July 3, 2024, as Hurricane Beryl began to move away from Jamaica, the Hurricane Warning was discontinued for the island. Flash Flood Watch was issued until 5:00 a.m. July 4, 2024, as continuing periods of heavy rainfall could result in flash flooding over low-lying and flood-prone areas of the island.

Telecommunications

- Digicel - Several sites are out of power and relying on generators. Mainly in northeastern parishes St. Mary, Portland and southern, Manchester and St. Elizabeth. Westmoreland and Hanover. Only 25% of fixed line and cellular service impacted.

Health

- All health facilities have at least 3 days back up of water supply.
- Falmouth Public General Hospital: Loss of roof to female surgery. Three (3) patients and staff safely evacuated to Field Hospital.
- Hospitals continue to deliver service in emergency mode.

Jamaica Defence Force (JDF)

- The DART was mobilized and on standby to respond in the event of an incident.
- Personnel Mobility Vehicles (PMVs) mobilized inclusive of the ambulance variants have been deployed to all 3 JDF geographical commands - Assets for Humanitarian Aid and Disaster Relief in place.

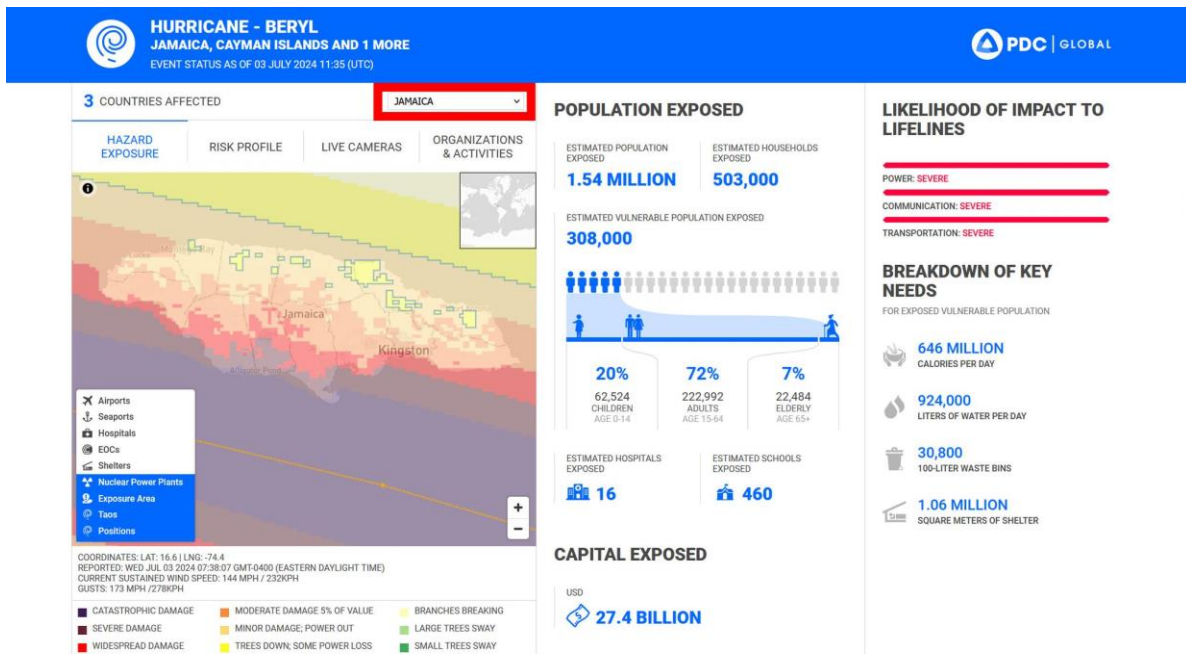


Figure ---: Exposed population and projected cost of damage to critical lifelines and infrastructure. Courtesy of the Pacific Disaster Center, Disasteraware

Situation Updates from Impacted Participating States



ST. VINCENT AND THE GRENADINES

- Rapid Needs Assessment Team (RNAT) deployed to St. Vincent and the Grenadines on 2nd July and begun assessments on Union Island and Mayreau on 3rd July.
- RNAT's recommendations have been provided to the NEOC to inform decision-making.

Union Island:

- 98% devastated
- Water tanks for rainwater harvesting were destroyed but water cisterns remain intact.
- CDRU team deployed to support relief management and will be based at a warehouse on the island.
- Runaway intact, however the tower the terminal building is damaged, and tower destroyed.

Mayreau:

- 98% damaged
- Key challenges are coordination and transportation (no vehicles on island to transport relief supplies).

Canuon:

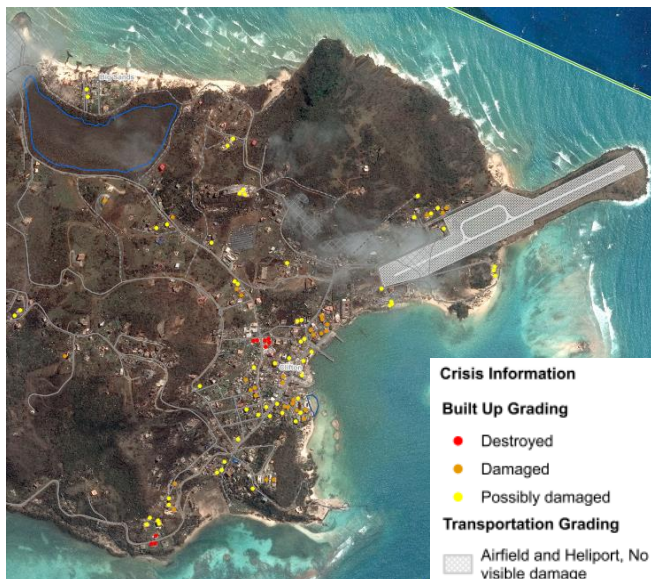
- A hotel has been providing meals to locals but may be running low on supplies.
- A key challenge is communication.

Bequia

- Fifteen (15) houses damaged.
- Five (5) shelters activated for evacuees.

St. Vincent (mainland):

- NEOC experienced impacts to communications and power which pose a challenge for operations.
- All shipment should be coordinated through the NEOC for effective coordination and management.



This image on the left is of Union Island, St. Vincent and the Grenadines.

The Copernicus EMS Rapid Mapping was requested to provide initial rough estimation, flood extent, and damage assessment emergency mapping.

Data sources and analysis:

Pre-event image: ESRI World Imagery @ DigitalGlobe (acquired on 02/10/2021, resolution 1.0m).

Post-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 02/07/2024 at 14:55 UTC, resolution 0.5m).

Imagery provided under the European Union COPERNICUS's Emergency Mapping Service ([EMSR734](#)), all rights reserved.

Situation Updates from Impacted Participating States



ST. VINCENT AND THE GRENADINES

Casualties/Missing:

- One (1) confirmed fatality, one (1) person missing

Airport on Union Island

- Runway is operable but the tower was destroyed, and the terminal received critical damage.

Shelter:

- 1362 persons in 49 shelters

Needs

- In keeping with the needs list.

Evacuation

- Approximately 700 persons evacuated from Union Island, it is anticipated that there will also be some evacuation from Mayreau and Canouan

Education

- Students may have to come to the mainland for school.
- Fisheries sector in the islands has been impacted.
- Clarified that the priority is to receive cash donations, but NEMO will not refuse donations. See below information for cash donations:

ST. VINCENT AND THE GRENADINES NEEDS YOUR SUPPORT

CASH DONATIONS ARE BEING ACCEPTED

**Government of St. Vincent and the Grenadines
Disaster Relief Fund
Bank of St. Vincent and the Grenadines
Kingstown, St. Vincent
SWIFT CODE: NCBVVC22
ACCOUNT No.137741**

DONATE NOW

For further information visit: www.cdema.org

**OFFICIAL NEEDS LIST
ST. VINCENT AND THE GRENADINES**

ITEM	SPECIFICATION	QUANTITY
GENERATOR	66KW OR GREATER	5
GENERATORS	12KW - 16KW	45
COTS		20,000
TARPAULINS	20 X 20	8,000
	16 X 20	3,000
	30 X 40	8,000
BEDDING KITS	SHEETS AND PILLOWS	30,000
MATTRESSES	SINGLE	1,500
	DOUBLE	3,000
HYGIENE KITS		30,000
WATER JUGS		30,000
ADULT DIAPERS		1,000 CASES
CHILDREN PAMPERS	ASSORTED SIZES	1,000 CASES
FLASHLIGHTS WITH BATTERIES		5,000
BATTERY OPERATED LANTERN/SOLAR		5,000
POWER BANKS		200
ROPES	50 FEET	2,000
SHOVELS		5,000
WHEEL BARROWS		600
RAKES		600
CHAIN SAWS AND ACCESSORIES		100

Situation Updates from Impacted Participating States



GRENADA

- All three islands - Grenada (mainland), Carriacou and Petite Martinique- were impacted by Hurricane Beryl on Monday 1st July between 10:00 a.m. – 4:00 p.m.
- The Government of Grenada issued the “All Clear” at 8pm on Monday 1st July.
- Impact was largely to Carriacou, Petite Martinique and Northern part of mainland Grenada.
- Communications were lost with Carriacou and Petite Martinique and a team from NaDMA visited those islands on Tuesday 2nd July.
- Significant damage sustained on Carriacou and Petite Martinique with 98-99% home damaged or destroyed, damage ranged from minimal to total destruction
- Northern Grenada suffered damages to structures including lost roofs, agriculture and forestry.
- Some communication has been restored on Carriacou and Petite Martinique.
- 70% electricity restored on mainland.
- Restoration of electricity on the smaller Islands will take a few weeks as the electrical grid has to be rebuilt.
- Carriacou airport terminal destroyed. The airstrip can receive aircraft, but the airport has no communications. Work has started to restore some communications.
- Five (5) of six (6) medical facilities damaged. A medical team from mainland Grenada deploys to Carriacou daily to provide medical services. Samaritans Purse will erect a field hospital by 6th July.
- Clean-up effort has been organized for Northern Grenada.
- Two NaDMA officers have been stationed on Carriacou and move between there and Petit Martinique.
- DANA team arrived in Carriacou 4th July to begin the initial damage assessment.
- Casualties - one (1) death confirmed on mainland Grenada and two (2) confirmed deaths on Carriacou.
- The Sea Port in Carriacou is functional and boats can load and offload, ferry service with Grenada has resumed.
- Discussions initiated about evacuation of at-risk persons, but the field hospital may alleviate the need to move these patients.

**GOVERNMENT OF GRENADA
NATURAL DISASTER FUND**
PLEASE SEE WIRE TRANSFER INSTRUCTIONS INFO BELOW

Beneficiary : Government of Grenada Natural Disaster Relief Fund
Beneficiary Bank : Grenada Co-operative Bank Limited
Swift code : GROAGDGD
Bank address : 8 Church Street St. Georges
Beneficiary A/C # : 121004900

CORRESPONDING BANK FOR USD TRANSACTIONS

Bank Name : Bank of America
Bank Address : Miami, FL
SWIFT : BOFAUS3M
Account No. : 1901964767
ABA # : 026009593

CORRESPONDING BANK FOR CAD TRANSACTIONS

Bank Name : Bank of Montreal
Bank Address : The International Branch, Toronto, Canada
SWIFT : BOFMCAT2
Account # : 1019198
TRANSIT # : 31442 001

CORRESPONDING BANK FOR GBP/ EUR TRANSACTIONS

Bank : Lloyds TSB Bank
Address : UK International Services, London, UK
SWIFT : LOYDGB2L
Sort Code : 30-96-34
GBP
ACCOUNT NO. : 01017544
IBAN : GB98LOYD30963401017544
EUR
ACCOUNT NO. : 86161549
IBAN : GB32LOYD30963486161549

**PRIORITY LIST
OF RELIEF ITEMS**

- Water
- Tarpaulin (100ft, 40x30ft)
- Nonperishable food such as milk, mixed vegetables, sardines, corn etc.
- Cots & sleeping blankets
- Pillows
- Batteries & Battery packs
- Hygiene kits for women and men
- Hygiene kits for children
- Toiletries
- First aid kits
- Hand Sanitizers
- Sanitary Napkins
- Baby pampers & wipes
- Baby Formula
- Adult pampers
- 5-gallon Jerry cans (water)
- Reflective Vests
- Collapsible water bladders (3,000 gallons and bigger)
- Emergency solar/battery operated radios
- Flashlights (Solar)
- Solar lights Generators (5,000 watts)
- Chain saw
- Spare bars & chains (18 – 32-inch blades)
- Fuel cans
- Books/colouring books for children
- Medical List (Followed shortly)

**DONATIONS CAN BE DROPPED OFF AT THE
NADMA HEADQUARTERS IN MORNE JALOUX**

THANK YOU FOR YOUR GENEROSITY AND SUPPORT

FOR MORE INFORMATION OR TO COORDINATE DONATIONS,
PLEASE CONTACT US AT RELIEF@GOV.GD

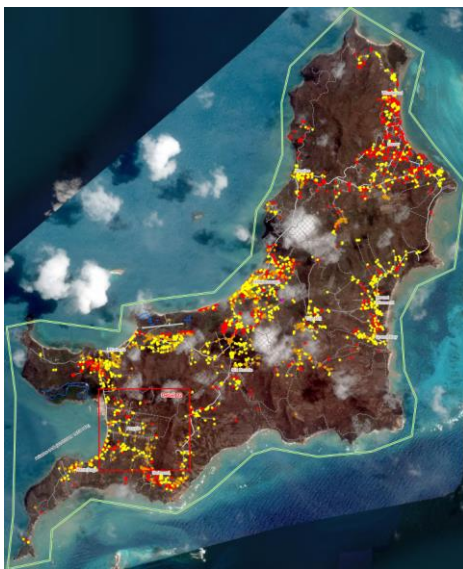
Situation Updates from Impacted Participating States



GRENADA

The Cabinet of Grenada made the following decision on 4th July 2024:

- During the period ending July 31st, 2024, all relief items coming to Grenada should be addressed to the National Disaster Management Agency (NaDMA). Relief items coming in and addressed to individuals or other organizations will be treated as normal goods except if it is turned over to NaDMA.
- At the end of the period, the process will be reviewed and decisions made about the structure.
- To manage the efficient coordination and logistical arrangements, vessels delivering relief items are advised that Port St. Georges is their first port of entry.



Crisis Information

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage
- Airfield runway, No visible damage

General Information

- Area of Interest
- Detail map
- Not Analysed

This image on the left is of Carriacou, Grenada.

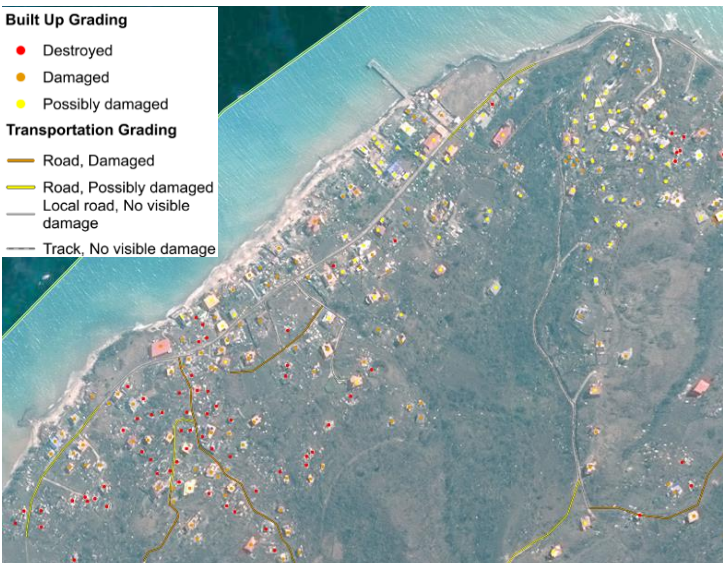
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Data sources and analysis:

Pre-event image: ESRI World Imagery @ DigitalGlobe (acquired on 11/01/2024, resolution 1.0m).

Post-event image: Pleiades-1A/B © CNES (2024), distributed by Airbus DS (acquired on 02/07/2024 at 15:00 UTC, resolution 0.5m).

Imagery provided under the European Union COPERNICUS's Emergency Mapping Service (EMSR734), all rights reserved.



This image on the left is of Petite Martinique, Grenada.

The Copernicus EMS Rapid Mapping was requested to provide initial rough estimation, flood extent, and damage assessment emergency mapping.

Data sources and analysis:

Pre-event image: ESRI World Imagery @ DigitalGlobe (acquired on 16/03/2022, resolution 0.6m).

Post-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 02/07/2024 at 14:55 UTC, resolution 0.5m).

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CDEMA Coordinating Unit (CU) and the Regional Response Mechanism (RRM)

Regional Coordination:

- ✓ The 5th meeting of the Caribbean Development Partners Group (CDPG) was convened, July 4th, 2024 at 1:00 PM.

Relief and Logistics Thematic Group

- ✓ The Relief and Logistics Thematic Group co-chaired, by CDEMA & the World Food Programme has established a Relief Transshipment Hub at Shed 1 of the Barbados Port Inc. Food items procured by WFP is being packaged within the hub to be dispatched to Grenada and Saint Vincent and The Grenadines. Hub operations will be supported by the Barbados Defence Force and Barbados Red Cross.

Emergency Telecommunications

- ✓ The Caricom Emergency Telecommunications Team (CETT) has been deployed to St. Vincent and the Grenadines with telecommunications supplies that include Mobile Communications System comprising telephones, a laptop and power supply, Starlink Satellite Internet Device and Solar Powered Generator.

Rapid Needs Assessment Team (RNAT) Deployment to St. Vincent and the Grenadines:

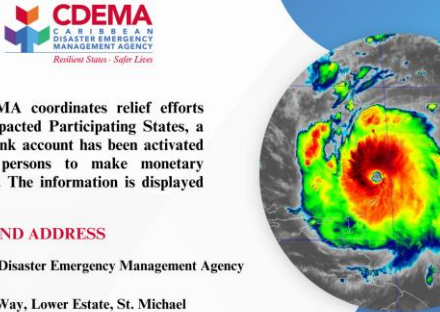
- ✓ A 2nd Rapid Needs Assessment Team (RNAT) was deployed to St. Vincent & the Grenadines on July 4th 2024 via the Regional Security System (RSS) Airwing. The first RNAT was deployed on July 2nd, 2024, via the Guyana Defence Force Air Corps and facilitation by the RSS.
- ✓ A Rapid Needs Assessment Team (RNAT) is scheduled for deployment to Grenada by July 5, 2024.

CARICOM Disaster Relief Unit to St. Vincent and the Grenadines:

- ✓ A CDRU Team was deployed to St. Vincent and the Grenadines on July 2, 2024.
- ✓ A CDRU Team is scheduled for deployment to Grenada.

CARICOM Operational Support Team to Grenada:

- ✓ A COST Team is scheduled for deployment to Grenada and St. Vincent and the Grenadines on July 4, 2024.



As CDEMA coordinates relief efforts for its impacted Participating States, a special bank account has been activated allowing persons to make monetary donations. The information is displayed below:

NAME AND ADDRESS

Caribbean Disaster Emergency Management Agency (CDEMA)
Resilience Way, Lower Estate, St. Michael
Barbados, West Indies

Intermediary Bank:
Bank: Wells Fargo Bank, NA
SWIFT Code: PNBPU33NNYC
ABA Routing #: 026 005092
Account Number: 2000192003913
Bank Address: 11 Penn Plaza, 4th Floor, New York NY

Beneficiary Bank:
Bank: CIBC First Caribbean International Bank
SWIFT Code: FCIBBBBB
Name of Beneficiary: Caribbean Disaster Emergency Management Agency
Account Number: 3666589
Bank Address: Rendezvous, Christ Church, Barbados
Currency of Account: BARBADOS DOLLARS

FOR MORE INFORMATION, VISIT OUR WEBSITE: www.cdema.org



Support by CDEMA Participating States & Partners

GUYANA

- ✓ Packing 2 vessels to send off relief supplies to Grenada and Saint Vincent and the Grenadines.

CARICOM Development Fund (CDF)

- ✓ CARICOM Development Fund (CDF) has an emergency response grant USD 100,000 for country and in discussion with St. Vincent and the Grenadines and Grenada how best to allocate those resources. On standby to provide similar support to Jamaica.

Caribbean Development Bank (CDB)

- ✓ In discussion with Grenada and St. Vincent and the Grenadines
- ✓ Deployed 1 social specialist to St. Vincent and the Grenadines, 1 specialist to Grenada and 1 water specialist to Grenada today Thursday 4th July.
- ✓ Support to CDEMA in form of cash grants for response efforts.
- ✓ Liaising with IADB on how the two institutions can jointly assist affected States.
- ✓ President and senior management have contacted all affected states and awaiting feedback from Cayman Islands, Jamaica and Belize of how the Bank can support.

Caribbean Public Health Agency (CARPHA)

- ✓ Persons on standby for RNAT deployment as needed.
- ✓ Environmental sample testing can be supported – labs services are available
- ✓ Disseminating information kits to support response efforts including guidance on safe practices post disaster, health surveillance for shelters, vector control.
- ✓ Continues to work with CDEMA and the affected Participating States to support health sector response.

Caribbean Private Sector Organisation (CPSO)

- ✓ Continues to receive overwhelming response to relief effort.
- ✓ Coordinated supplies delivered to Antigua and to Barbuda.
- ✓ Delivering fibre optic cables that are in route to Grenada.
- ✓ Goddard donated warehousing space to NEMO St. Vincent and the Grenadines for bulk storage.
- ✓ Vessel (Galleons Passage) left from Trinidad at 10:30 p.m. yesterday (July 3rd) for St. Vincent and the Grenadines; it will return on Friday 5th July and then sail to Grenada.
- ✓ Businesses in countries have offered to be used as points of purchase for relief supplies at discounted prices.
- ✓ Have requested that members hold on construction material but are ready to release that hold by the weekend (6-7 July).
- ✓ Have sourced all the chainsaws and generators in Trinidad and Tobago which can be transported on Friday

Regional Security System (RSS)

- ✓ Supported transport of the CDRU to Grenada.
- ✓ Two vessels scheduled to transport security personnel from Barbados to St. Vincent and the Grenadines over the period July 6-7.
- ✓ Will support a request from the Chief of Police in Grenada for an engineering unit- to be informed by RNAT report



Support by CDEMA Participating States & Partners

United Nations Barbados & Eastern Caribbean

- ✓ In the process of identifying debris management specialists to support the RNAT teams.
- ✓ USD 4 million has been released from the emergency support fund to support response effort.
- ✓ UNDAC on stand-by to deploy coordination and Information Management experts across the region
- ✓ Liaising with CDEMA and NDMOs to determine where best to deploy the resources.

UN Belize

- ✓ Established team to support Belize's response
- ✓ DANA support team organized
- ✓ Agencies are committed to mobilise to support field activities.
- ✓ Will share a flash update at 6pm to update on UN readiness.
- ✓ Concerns about the impact on northern Belize.
- ✓ The UNETT is led by PAHO (Karen Louis).
- ✓ Two persons available to support Information Management.

UN Jamaica

- ✓ Activated response unit.
- ✓ Communicate readiness to support to Government of Jamaica through the Ministry of Foreign Affairs.
- ✓ Response plans are activated to support in protection, communication, logistics.
- ✓ UNDP and UNICEF will be co-chairing the UNETT guided by needs from the Government.

IOM

- ✓ Chaired shelter coordination meeting to get an overview of what Governments and other agencies supporting.
- ✓ Exploring solutions for displaced persons such as rentals of shelter kits.
- ✓ Has been in contact with the impacted states regarding potential support.

WFP

- ✓ The vessel "Gemstar" to be deployed from Barbados tomorrow Friday 5th July to receive supplies for Grenada and Saint Vincent and the Grenadines.
- ✓ A Service Market Place (SMP) has been established to match available shipping capacity with needs.
- ✓ Will establish a WFP launching page for accessing the SMP, and provide orientation for users to learn how to use the SMP.
- ✓ Will set up a Working Group to manage these areas and to ensure all partners' needs are met

MAPACTION

- ✓ Three MapAction members are in St Vincent and the Grenadines and Grenada supporting the response to Hurricane Beryl.
- ✓ For specific map and data products on Hurricane Beryl, please check the data and maps repository: maps.mapaction.org.



Support by CDEMA Participating States & Partners

PAHO/WHO

- ✓ Issued Situation Reports
- ✓ Hospital in Union Island damaged but has a small section that is used for triage.
- ✓ Lab and hospital on mainland St. Vincent and the Grenadines had some damage.
- ✓ Carriacou's Princes Royal Hospital is damaged.
- ✓ Working with IOM to coordinate relief supplies
- ✓ Samaritans Purse will set up a field hospital
- ✓ Noted that while water tanks may be still standing, lack of electricity means pumps are inoperable. There's need for water at hospitals.
- ✓ Sewage treatment required in Petite Martinique and Carriacou.
- ✓ Sector coordination meetings to be convened.
- ✓ Coordinating with Ministries of Health through PAHO country specialists.
- ✓ Specialists from PAHO have deployed with RNAT to St. Vincent and the Grenadines.
- ✓ Other specialists available for deployment to Grenada.

Please see links below to access previous Information Products:

[Situation Report #2 Hurricane Beryl](#)

[Information Note #2 Hurricane Beryl](#)

