SAINT VINCENT AND THE GRENADINES

NATIONAL EMERGENCY MANAGEMENT ORGANISATION (NEMO)

# SITUATION REPORT No. 03

## Tropical Wave: Flooding, Landslides and Slope Failures

| EVENT | ISSUED | REPORTING PERIOD | AFFECTED AREA |
|---|---|---|---|
| Tropical wave from 4 October 2026 | Thursday 8 October 2026, 4:30 p.m. | 6 Oct, 2:25 a.m. to 8 Oct 2026 (incident data to 10:00 a.m) | Mainland Saint Vincent |

## 1. Situation Overview

During the early hours of Tuesday 6 October 2026, an intense tropical wave brought heavy, prolonged rainfall to mainland Saint Vincent, triggering flash flooding, landslides, rockfalls, retaining-wall failures and river overflows. Between 2:25 a.m. on 6 October and 2:00 p.m. on 8 October, the National Emergency Operations Centre (NEOC) logged and verified a reconciled total of 154 incident reports across the island. New field reports have slowed significantly as operations shift toward damage assessment, clean-up, utility restoration, and relief distribution.

| | | | | |
|---|---|---|---|---|
| **154** Total incident reports | **74** Flooding reports | **37** Landslides/slippages | **18** Retaining wall failures | **≥6** Homes destroyed/washed away |
| **0** Deaths/missing | **11** In shelters (Questelles) | **12** With host families | **9** Health facilities affected | **92%** CWSA supply restored |

### Key Points

- **People:** No deaths, injuries or missing persons are recorded in the NEOC incident log. 11 persons remain in the public shelter at Questelles LRC, and 12 persons reside with host families across 3 households.
- **Homes:** At least six homes were reported destroyed or washed away (five in Buccament Bay and one in Rillan Hill), and more than 20 households report their homes were completely flooded or destroyed.
- **Health:** A total of 9 health facilities were impacted. Milton Cato Memorial Hospital (MCMH) is functioning normally. Levi Latham Health Complex resumed polyclinic and outpatient services on 8 October.
- **Water & Utilities:** Full water service was restored to 92% of customers by October 7. The CWSA distributed 60,000 imperial gallons of trucked water to affected areas on the Dallaway, Majorca, and Montreal systems. The estimated CWSA event repair cost is EC$ 100,000.
- **Workload:** 91 reports are referred to the Ministry of Transport, Infrastructure and Physical Planning for structural/road assessments and 28 to BRAGSA for heavy equipment clearance.
- **Risk:** Saturated soils, embankments and compromised back walls continue to pose landslide risk to adjacent homes. In addition, continuous occupation of river banks and flood-plain areas increases exposure to flood risks.

## 2. Hazard, Rainfall & Hydrological Data

A tropical wave began affecting the islands overnight on Sunday, October 4th, bringing forecasted moderate to heavy showers and thunderstorms. A flash flood advisory was issued, urging residents and motorists to exercise caution, particularly in areas prone to flash flooding, landslides, and near rivers or streams. Showers and thunderstorms of varying intensity continued periodically throughout Monday, followed by a significant intensification in weather activity around 1:00 am on Tuesday. This triggered severe flash flooding across central and southern sections of mainland St. Vincent. Saturated antecedent soil conditions caused river levels in the Colonarie, Glenside, and Kingstown watersheds to surge by over 2.0 to 3.1 meters in under an hour around 2:00 a.m.

### St. Vincent and the Grenadines Meteorological Services and the CWSA Automated Network Hydrological Observations

- **Peak Rainfall Intensity:** Majorca recorded a peak 1-hour intensity of 52.6 mm (2.07 in) at 2:00 a.m. on Oct 6, with a 24-hour accumulation of 157.8 mm (6.21 in)—more than double all other monitoring stations.
- **Flash Flood Streamflow Peaks:** Colonarie River peaked at 3.165 m, Glenside River peaked at 2.820 m, and Kingstown River peaked at 2.060 m, all rising sharply between 1:30 a.m. and 2:30 a.m.

| Monitoring Station | Wettest Hour Peak (2:00 a.m.) | 24-Hour Accumulation |
|---|---|---|
| **Majorca** | 52.6 mm (2.07 in) | 157.8 mm (6.21 in) |
| **Argyle** | 48.2 mm (1.90 in) | 134.8 mm (5.31 in) |
| **Arnos Vale** | 31.0 mm (1.22 in) | 94.7 mm (3.73 in) |
| **Dalaway** | 23.9 mm (0.94 in) | 74.6 mm (2.94 in) |
| **Jennings** | 16.9 mm (0.67 in) | 63.0 mm (2.48 in) |
| **South Rivers** | 15.6 mm (0.61 in) | 46.4 mm (1.83 in) |
| **Owia** | 8.5 mm (0.33 in) | 36.5 mm (1.44 in) |

## 3. Reconciled Incident Breakdown (154 Log Entries)

The reconciled NEOC incident register comprises exactly 154 logged reports as follows:

| Category / Hazard Type | Reconciled Entries | Share (%) | Primary Locations & Logged Scope |
|---|---|---|---|
| **Flooding (river overflow, flash flood, water ingress)** | 74 | 48.1% | Buccament Bay area, Upper/Lower Bay Street, Heritage Square, Layou, Sayers/Mespo, Clare Valley, Glen, Arnos Vale |
| **Landslides, Slippages & Rockfalls** | 37 | 24.0% | Belmont, Queens Drive, Sion Hill, Mala Village, New Montrose, Lowmans Leeward, Questelles, Rose Bank, Buddy Gutter |
| **Retaining & Back-Wall Failures** | 18 | 11.7% | Barrouallie, Upper Villa, Pembroke, Queens Drive, Fancy, Fairhall, Level Garden, Glen, Chauncey |

| | | | |
|---|---|---|---|
| **Relief, Shelter & Logistics Requests** | 11 | 7.1% | Mattress/tarpaulin/boot requests, school bottled water dispatches, Questelles LRC shelter tracking, Chauncey main water repair |
| **Road, Tree & Debris Obstructions** | 8 | 5.2% | Calder, Pembroke, Central Police Station, Belle Isle main road obstructions |
| **Roof & Structural Leaks / Damage** | 6 | 3.9% | Campden Park, Ottley Hall, Old Montrose, Sion Hill, Rabacca ceiling/roof leaks |
| **TOTAL RECONCILED INCIDENTS** | **154** | **100.0%** | **Complete sum of all logged entries in the updated NEOC register** |

## 4. Geographic Distribution of Impact

- **Central Kingstown & Suburbs:** flooding and debris on Upper and Lower Bay Street, Heritage Square, South River Road; slippages and leaks in Kingstown Park, New Montrose, Old Montrose, Edinboro, Redemption Sharpes, Lodge Village, Sion Hill and Mala Village.
- **South Leeward & West Kingstown:** flooding and landslides affecting homes in Campden Park, Coconut Range, Rillan Hill, Chauncey, Clare Valley, Questelles, Ottley Hall and Lowmans Leeward and Vermont (flooded police station yard).
- **Central & North Leeward:** river inundation and slope failures in Buccament Bay, Layou, Pembroke, Barrouallie, Cumberland, Spring Village, Belle Isle, Rose Bank and Chateaubelair.
- **Marriaqua & St. George:** river overflows, slippages and road obstructions in Mesopotamia, Sayers, La Croix, Richland Park, Belmont, Queens Drive, Fountain, Belair, Fairhall.
- **Windward:** South Rivers (river overflow and debris) and Fancy (church retaining wall).

## 5. Response & Actions Taken

### Operations and Coordination

- **NEOC and Executive:** partially activated at 4:30 a.m. on 6 October, with 24-hour incident tracking, inter-agency tasking and public advisories. The Honourable Prime Minister, Dr Godwin Friday, visited Clare Valley, Buccament Bay, the Kingstown commercial areas and MCMH.
- **CWSA Emergency Water Relief:** Restored supply to 92% of customers within 48 hours. Distributed 60,000 imperial gallons of truck-borne water to Dorsetshire Hill, Arnos Vale, Belair, Glen, Gomea, Dauphine, Fountain, Belmont, Fair Hall, Marriaqua, and Akers.
- **Shelter & Welfare Management:** Coordinated emergency shelter placements and overall welfare management for affected families, ensuring basic human needs—including food, potable drinking water, bedding, and hygiene supplies—are systematically met.
- **Search and Rescue (RSVGPF):** Families trapped by floodwater near the Buccament playing field were removed to safety; police also helped contain floodwater at MCMH.
- **Roads (BRAGSA & Ministry of Transport, Infrastructure and Physical Planning):** BRAGSA deployed heavy equipment across North Leeward, South Leeward, Marriaqua and Kingstown, beginning with Belmont Main Road and central Kingstown debris.

## 6. Critical Facilities & Comprehensive Utility Infrastructure

| Facility / Sector / Intake | Impact Summary | Operational & Repair Status |
|---|---|---|
| **Milton Cato Memorial Hospital (MCMH)** | Lower levels flooded; leaks in Operating Theatre. Paediatric & Maternity wards relocated. | Cleaned and functioning normally. Wards restored. |
| **Levi Latham Health Complex** | Significant flooding of clinic level; debris and mud. | Polyclinic & outpatient services resumed; pharmacy fully operational. |
| **Mental Health Rehab Centre (MHRC)** | Leaks through damaged shutters; electrical room flooded. | Functional; grounds staff deployed for clean-up. |
| **Lowmans Health Centre** | Primary access routes blocked by landslides. | Accessible via North Union path; medical services ongoing. |
| **CWSA: Majorca Intake System** | Intake dam severely blocked with fallen trees and heavy sediment. | Dam emptied; tree clearing ongoing. System offline (Cost: EC$ 2,500). |
| **CWSA: Montreal System** | 6" Transmission main broken at Francois (Jar Plum) River crossing. | Temporary timber frame repairs underway (Cost: EC$ 25,000). |
| **CWSA: Dallaway / Francois Intakes** | 3 dams blocked at Dallaway; 1 dam damaged & 4" main broken at Francois; filters stressed. | Tree removal with Forestry Division & masonry dam repairs ongoing. |
| **CWSA: Hermitage System** | Access road and intake dam blocked. | Dam cleaned; access currently by foot only. |
| **CWSA: Mamoon, Jennings, Perseverance** | Intake dams clogged with debris and heavy sediment. | Dam cleaning completed; systems operational. |
| **CWSA: Sandy Bay, Owia, Fancy** | Extreme raw water turbidity during flash flood peak. | Systems temporarily taken offline; restored as water cleared. |
| **CWSA: Water Distribution Network** | Broken 1.5" to 2" distribution lines affecting tank levels. | Repairs ongoing across network (Estimated cost: EC$ 50,000). |
| **Electrical Grid (VINLEC)** | Mesopotamia PS lost mains electricity. | Mesopotamia PS operating on standby generator. |
| **Police & Community Facilities** | Vermont PS yard flooded; Questelles LRC flooded through drain. | Questelles LRC housing 11 occupants; station operational. |
| **Schools & Education** | Island-wide closures on 6 Oct. Flooding at SDA Primary & South Rivers. | NEMO coordinated emergency water supplies for 16 schools in District 4. Most schools resumed on Tuesday |
| **Roads, Bridges & Access** | Landslides/trees at Belmont, Queens Drive, Lowmans Leeward. | BRAGSA heavy equipment clearing main roads and access routes. |

## 7. Shelter Operations and Displacement

| Shelter / Arrangement | Opened | Occupants | Remarks |
|---|---|---|---|
| Questelles Learning Resource Centre | Active shelter with occupants from Hurricane Beryl | 11 persons (***Tropical Wave:*** 2 girls aged 9 mo–13 yrs, 5 male adults, 4 female adults) | Active public shelter; occupants safe, assistance ongoing. |
| Buccament Bay Secondary Golden Years | October 6, 2026 | 9 persons (2 Families) | Closed October 7, 2026 |
| Buccament/Pembroke | October 6, 2026 | 14 persons (3 Families) | Closed October 7, 2026 |
| **Host Families (Rillan Hill, Clare Valley, Chauncey)** | 6 Oct 2026 | 12 (3 families) | Homes destroyed or threatened by landslide. |

**Immediate Needs:** social assessments, tarpaulins, bedding and mattresses, water hoses and boots, replacement of lost identification documents, and pumping and power-washing equipment for clean-up.

## 8. Task Referrals & Responsible Agency Breakdown

- **Ministry of Transport, Infrastructure and Physical Planning:** Structural engineering damage assessments of homes, roads, retaining walls, and major infrastructure repair (91 cases).
- BRAGSA: Heavy machinery clearance of landslides, rockfalls, mud, and fallen tree obstructions across main roads and access routes (28 cases).
- **Ministry of Social Welfare:** Social assessments, family data capture, and welfare support for displaced families (31 cases).
- **NEMO Warehouse:** Direct distribution of relief items (tarpaulins, water boots, Shovels, bottled water) and site verification visits (18 cases).

## 9. Key Operational Challenges & Priority Actions

### 9.1. Operational Challenges

- **Dispersed Demand:** Reports from North and South Leeward, Marriaqua, St. George and Kingstown at the same time stretch assessment teams.
- **Heavy Equipment:** BRAGSA equipment is stretched across many blocked main roads and access routes, and its Kingstown office was also affected.
- **Clean-up Gear:** Public demand for pumps, power washers, and boots exceeds available emergency inventory.
- **CWSA Water System Repairs:** Majorca intake dam clearing ($2,500) and Montreal 6" transmission main river crossing repair ($25,000) remain active engineering priorities.

### 9.2. Priority Actions (Proposed)

- Complete and consolidate damage assessments, beginning with destroyed or compromised homes and undermined roads.
- Compile a verified register of shelter and host-family occupants with Social Welfare and reconcile occupancy figures.
- Update the status of all reconciled log cases and assign responsible agencies to unassigned reports.
- Continue clearing roads, landslides, and blocked drains, prioritising reports flagged as urgent.

- Complete CWSA transmission main repairs at Montreal/Francois and intake clearing at Majorca to restore 100% water coverage.
- **Health Sector (MoHWEE):** Activated Health, Hospital, and District EOCs; deployed facility clean-up crews; arranged dedicated night-shift transport for clinical personnel and dialysis patients; conducted vector control and environmental health monitoring.
- **Education Sector:** Enacted island-wide school closures on 6 October; NEOC coordinated emergency bottled water distribution (25 cases per school) to 16 schools in District 4; most schools resumed instruction by Tuesday.
- **Forestry & Utilities:** Deployed Forestry Division teams alongside CWSA crews to clear massive fallen trees obstructing the Francois intake dam and river channels.
- **Partner & Volunteer Support:** OSV Rapid Response Team assisted flood clean-up at MCMH; Bank of SVG and Randy's Supermarket donated meals for health staff; MHRC grounds staff supported mud removal at Levi Latham Complex.

### 9.3. Event Classification & Response Stance

Based on field damage evaluations, overall resource demands, and operational capabilities across line ministries, this event is classified as a Level 1 Response. Full response operations, emergency relief distribution, infrastructure clearance, and community restoration remain completely within Saint Vincent and the Grenadines' national capacity and local emergency management resources. Consequently, the NEOC operates under partial monitoring activation, and no formal Regional or International Needs List or request for external assistance is being generated. Recovery operations continue under direct tasking of local line agencies (Ministry of Transport, Infrastructure and Physical Planning, BRAGSA, CWSA, MoHWEE, Ministry of Social Welfare, and RSVGPF).