

SITUATION

Major Hurricane Dorian, the fourth named storm of the 2019 Atlantic Hurricane Season, impacted the Northern islands of the Commonwealth of The Bahamas from Sunday September 1 to Tuesday September 3, 2019. Hurricane Dorian devastated Abaco, Grand Bahama and the surrounding Cayes for approximately 68 hours, with the southern eye-wall remaining “stationary” for approximately 36 hours over Grand Bahama. At the peak of strength, sustained winds increased to 185 mph and gusts up to 220 mph. The estimated rainfall was 12-15 inches and storm surge, 18-23 feet above sea level.

In addition, on September 14, 2019, the center of Tropical Storm Humberto was located east northeast of Freeport, Grand Bahama. After several hours meandering, Humberto travelled northwestward at 7 mph (11 km/h), then made a gradual turn to the northwest away from The Bahamas the following day. Maximum sustained winds were near 50 mph (85 km/h). The estimated rainfall was 2-4 inches.

SNAPSHOT – IMPACT ON ABACO AND GRAND BAHAMA ISLANDS

as of September 16, 2019



**CONFIRMED
FATALITIES**

50



**EST. # OF MISSING
PERSONS**

1300+



**EST. # OF PERSONS
EVACUATED**

5000+



**# OF PERSONS IN
SHELTERS**

1985



HURRICANE DORIAN THE BAHAMAS DAILY STATS

www.bahamas.gov.bs/nema/dailyupdates

MONDAY
16 SEPTEMBER 2019

11:00 AM

CURRENT DEATH TOLL & MISSING PERSONS

 **50**
OFFICIAL DEATH COUNT
(more expected)

Coalitions of Urban Search and Rescue (USAR) are faced with unprecedented logistical challenges in trying to access hard-to-reach areas with widely dispersed numbers of transient and undocumented populations. NEMA can only offer facts reported by Royal Bahamas Police Force.
Updates will be ongoing.

 **1,300+**
MISSING PERSONS

This number will change as the list of missing persons is cross-checked against shelter lists and other records of displaced individuals. **Updates will be ongoing.**



MISSING PERSONS 24 HR HOTLINE

CALL 524-0834 OR 524-0835 Monday through Saturday



SHELTERED PERSONS

NEW PROVIDENCE

10 **1,906**
Shelters Persons

GRAND BAHAMA

2 **66**
Shelters Persons

ABACO

1 **3**
Shelters Persons

ELEUTHERA

1 **10**
Shelters Persons
*Private shelter

AIRPORTS (CIVIL AVIATION)

Temporary Flight Restrictions (TFR) are in place for Grand Bahama and Abaco. Grand Bahama airport is limited to approved local commercial traffic during operating hours.

GRAND BAHAMA

 **2** Operational
 **1** Non-operational
 **1** Unknown

ABACO

 **4** Operational
 **3** Limited Capacity
 **1** Unknown



14 **islands open for business**

The Bahamas has 16 main islands. By visiting our other 14 islands you are supporting The Bahamas' recovery.

Always check the NEMA website for use of the latest version. Information changes quickly. Partners should be mindful.

DONATE TO HURRICANE DORIAN RELIEF

Email nemadonations@bahamas.gov.bs



PDC | GLOBAL



HURRICANE DORIAN

THE BAHAMAS DAILY STATS

www.bahamas.gov.bs/nema/dailyupdates

MONDAY
16 SEPTEMBER 2019

11:00 AM

SEAPORTS



GRAND BAHAMA

3 Seaports Operational
4 Unknown

ABACO

3 of 3 Operational
4 of 4 Marinas / Docks Operational

FRESH WATER ACCESS (PIPED WATER SUPPLY)



GRAND BAHAMA

Estimated population access

60% Piped Water
40% Partner Provided

ABACO

Estimated population access

90% SOUTH
10% NORTH
40% NORTH
60% NORTH

HOSPITALS & CLINICS

*The status of certain clinics remains unknown.



GRAND BAHAMA

1 Hospital Limited Capacity
1 Field Hospital Operational (Samaritan's Purse)
4 of 9 Clinics Operational
1 of 9 Clinics Limited Capacity

ABACO

1 Hospital Operational
6 of 10 Clinics Operational
2 of 10 Clinics Limited Capacity

TELECOMMUNICATIONS



GRAND BAHAMA

41% BTC Coverage Restored
80% Aliv Coverage Restored

ABACO

18% BTC Coverage Restored
100% Aliv Coverage Restored

OUTER CAYS BTC coverage update forthcoming
Aliv coverage restoration on Abaco Cays underway

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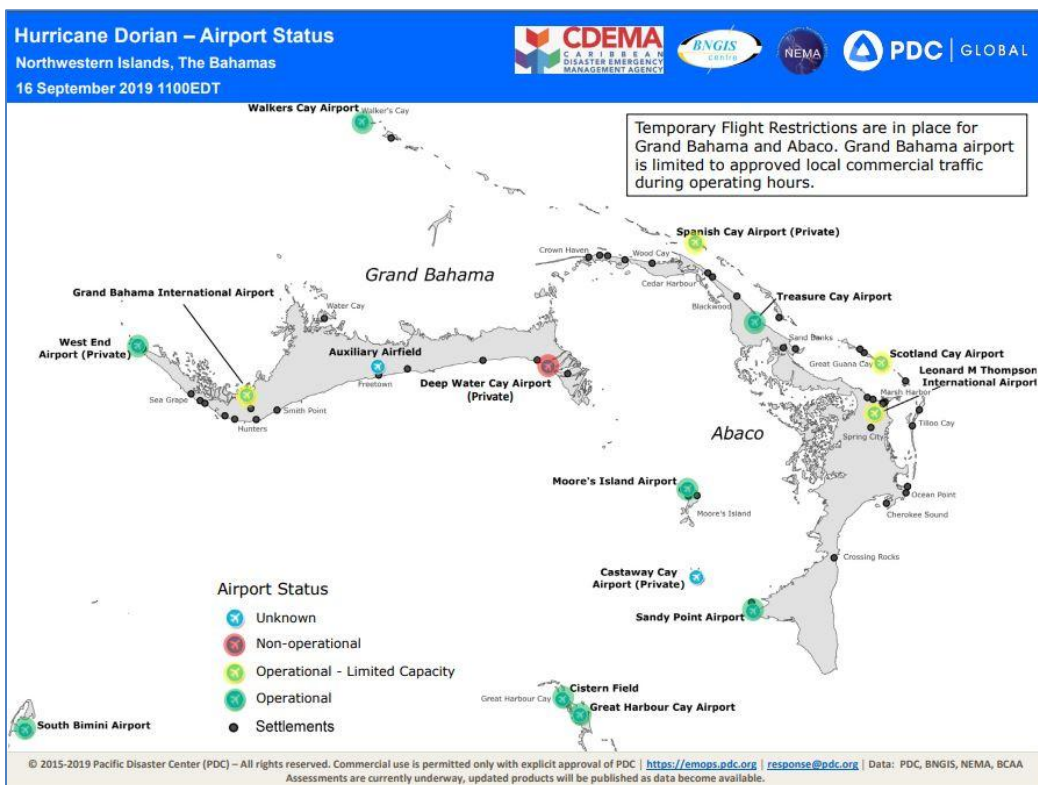
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SITUATIONAL AWARENESS



CARIBBEAN DISASTER EMERGENCY MANAGEMENT AGENCY (CDEMA) ACTIONS *(as at September 16, 2019)*

- Two (2) CARICOM Operational Support Team (COST) personnel were deployed on Sunday September 15th, 2019, to provide assistance to the EOC on Abaco. An additional two (2) COST members will deploy to Grand Bahama on September 17, 2019 to support EOC operations there.
- CDEMA assisted NEMA to draft a conceptual framework for recovery planning for The Bahamas. The framework was presented to the Prime Minister and other officials for their consideration, over the weekend September 14-15, 2019.
- Further to a request from the NEOC in Nassau, Bahamas, a detailed damage sector assessment (DDSA) team will be deployed to Nassau on September 17, 2019, with onward movement to Abaco on September 18, 2019. The team is comprised of specialists from the following sectors: agriculture, health, education, tourism, housing, debris and waste management.
- The eighteenth (18th) meeting of the Regional Response Mechanism Partners - Caribbean Development Partners Group - Disaster Management (CDPG DM) was convened today, September 16, 2019 at 1:00 PM. The next CDPG DM meeting is scheduled to be held on Thursday, September 19, 2019.
- To date, the CDEMA Regional Coordination Centre has prepared and disseminated thirteen (14) Situation Reports on Hurricane Dorian.
- Information updates may be viewed on CDEMA's website www.cdema.org.



CARDI

- Provided a specialist to serve on the detailed damage sector assessment team on Abaco.
- Drafting of Concept Notes to support resource mobilization.

CARICOM IMPACS

- Assisted with the identification of Internally displaced persons (IDPs).

DFID UK

- Deployed a surge team to assist inter-agency coordination

ECHO

- Activated the European Civil Protection Mechanism and Emergency Mapping Services

Global Affairs Canada

- Supported mapping, GIS services, disaster and needs assessments and EOC operations

FAO

- Will deployed two (2) sector experts (fisheries and livestock) to support the Ministry of Agriculture with assessments in Grand Bahama on September 19, 2019 and Abaco on September 20, 2019.

IFRC

- Providing continuous coordination with CDEMA and NEMA; 2 Bahamas Red Cross volunteers joined RNAT in Abaco and Grand Bahama
- IFRC team to set up base camp and warehouse in Abaco and will conduct needs assessment and distribution
- Disaster Management Coordinator based in Port of Spain (Trinidad and Tobago), Guadeloupe, Panama, Nassau.
- Contact established with UNDP to establish livelihoods recovery coordination group
- Livelihoods questions for sector-integrated survey questionnaire to collective shelters developed

IOM

- Conducting DTM assessments - displaced persons, including in emergency shelters
- Deployed Emergency Coordinator

Rescue Global

- Provided a team of 4 Liaison Officers (LO) and Pathfinders (PF)

PAHO

- Coordinating meetings of the Ministry of Health (MoH) and Public Health Authority with the Dutch Army
- Collaboration with MoH to disseminate key messages on vector and water borne diseases

UNOCHA

- Sent a team to support CDEMA and NEMA in information management, coordination, advocacy and humanitarian financing; supporting a small UNDAC team

UNDP

- Providing support in debris removal, waste management and strategic communications to the Ministry of Environment & Housing
- Providing support to the Ministry of Public Works to conduct a building damage assessment using BDA online tool
- Distributed emergency relief supplies - generators; water pumps; bottled water; emergency water purification systems; emergency water holding devices; water filters; chlorination equipment and supplies; temporary sanitary disposal systems; vector control equipment and supplies; temporary shelter e.g. tents, tarpaulins; roofing materials for emergency shelters and community buildings



COORDINATION

UNDP

- Covered transportation costs - fuel for aerial and marine surveys associated with impact assessments; external and internal transportation of emergency relief supplies; external transportation of humanitarian supplies and distribution within the country
- Provided humanitarian supplies such as cots- blankets and food supplies for direct humanitarian assistance.
- The following experts are on stand by: Post Disaster Needs Assessment facilitator, Recovery planning, Early recovery expert, Debris Management Specialists, Assessments and data: Post Disaster Needs Assessment facilitator.
- Emergency employment and Cash for Work Programme - to be mobilised.
- Exploring the possibility of mobilisation of experts to support CDEMA with the Caribbean Recovery Facility (Early stages of discussion)

UNICEF

- HR: 1 Emergency Manager deployed for coordination and programme support; 2 Communication experts; 1 photographer, 1 Admin assistant.

WFP

- WFP supporting NEMA/CDEMA in logistics supply chain coordination. Next WFP vessel to be sent to Abaco with relief supplies on 11 September.



HEALTH

CARPHA

- Supporting RNAT with health and environmental health; public health and shelter surveillance; post disaster vector control assessment and laboratory surveillance support.

IFRC

- Red Cross is providing psychosocial support in coordination with Bahamas Psychological Association.

NYC Medics

- Conducting EMT Type 1; health and facility assessment in North, Central and South Eleuthra

PAHO

- Working in health sector infrastructure and public health
- Surveillance team is coordinating action plan for disease prevention with MoH

Samaritans Purse

- Has deployed an EMT Type 2 field hospital to Grand Bahama

Team Rubicon USA

- Has an EMT Type 1 mobile hospital in Abaco

UNFPA

- Secured Surge Specialists in Sexual and Reproductive Health and RH emergency kits to support to the implementation of the Minimum Initial Service Package for SRH in emergencies.



IFRC

- Field Coordinator and the Bahamas Red Cross coordinated with local Administrator to allocate warehousing and local company for fork lift support to ensure offloading of 500 HH shipment of shelter and NFI kits.

IOM

- In the process of distributing non-food items (NFIs)
- Finding shelter solutions for Internally Displaced Persons for the purpose of relocation.

Global Affairs Canada

- On 15 September, the Canadian Armed Forces (CAF) C-130 aircraft will assist the IFRC with transporting its base camp to Abaco island
- Transported Jamaica Defence Force into The Bahamas by C-130
- Provided one airport specialist for rapid needs assessment

UK DFID

- RFA Mounts Bay utilized helicopters and landing craft to distribute equipment and supplies during the period of deployment
- British Forces from the MNTS have also supported body recovery, helped set up temporary morgue and distributed 60 additional body bags

USAID/OFDA

- On September 11, DoD delivered two ambulances and medical supplies to Grand Bahama's Freeport city on behalf of the GoB Ministry of Health (MoH) to support the Rand Memorial Hospital, as well as more than 6 MTs of WASH commodities—including hygiene kits, water bladders, and generators—from Nassau to Marsh Harbour for the nongovernmental organization (NGO) Water Mission.
- Overall, DoD had conducted about 60 flights, transporting approximately 250 humanitarian personnel and 120 MT of relief commodities between Nassau and storm-affected islands, as of September 11.
- In addition to coordinating with DoD to provide logistics services for humanitarian actors, USAID/OFDA recently contributed more than \$1 million to support WFP logistics and emergency telecommunications operations in affected areas of The Bahamas. Total USAID support toward WFP's Limited Emergency Operation for Hurricane Dorian in The Bahamas amounts to more than \$2 million, or nearly 40 percent of \$5.4 million appeal.

WFP

- Providing support for establishing an Emergency Operations Center (EOC)/ Logistics and supply chain hubs in Marsh Harbour with MSUs, VSATs, and generators. WFP will have 2 MSUs at the Port, and 2 MSUs at the Airport. Equipment is currently being set-up, and WFP remains on standby to deploy additional hubs as needed.
- Providing logistics coordination support to NEMA/ CDEMA, including arrangements for charter vessels, fuel, fork lifts, flat-bed trucks, transport assets, and last mile delivery, as needed.

FINANCING

ECHO

- Pledged €500,000 from the Acute Large Emergency Response Tool (ALERT) to respond to the first needs caused by the Hurricane Dorian in the Bahamas. The priority sectors to be covered by the funding are: shelter and household items, water, sanitation and hygiene (WASH), livelihoods and basic needs.

Global Affairs Canada

- CAD\$500,000 in emergency assistance being channeled through the Canadian Red Cross to support emergency shelter and relief items.

IFRC

- The cash surge team is developing an implementation strategy for the Basic Need multipurpose cash transfer to balance speed of delivery with quality programming.

SWISS Government

- Allocated 500,000 Swiss Francs to IFRC and 200,000 to WFP

UK DFID

Support currently approved for deployment of CDEMA Response Teams of up to £150,000

UNDP

- Secured USD\$200,000 for coordination of assessments and early recovery efforts

UNOCHA

- UN Central Emergency Response Fund will provide an immediate US\$ 1 million for urgent life saving activities

USAID/OFDA

- To date, the U.S. Government (USG) has provided nearly \$10.2 million to meet emergency needs resulting from Hurricane Dorian in The Bahamas.

TELECOMMUNICATIONS & IT

CARPHA

- Providing Risk Communications assistance

MAPACTION

- Working in information management, maps and visualizations

NetHope

- Establishing Broadband satellite Internet access for coordination and humanitarian workers in New Providence, Abaco and Grand Bahama. Open WIFI for responders and the affected population
- Providing broadband satellite Internet access for coordination and humanitarian workers. Open WIFI for responders and the affected populations in New Providence, Abaco and Grand Bahamas

Telecoms Sans Frontieres

- Providing BGANS for coordination and humanitarian workers and providing humanitarian free calling operations

WFP

- Establishing VSAT communications across the affected areas, and is working closely with the NEMA Emergency Support Function (ESF) on Communications.
- In collaboration with CDEMA, WFP is communicating with the Mobile Network Operators BTC and ALIV, to fill gaps as the operators are restoring networks.
- WFP and partners Ericsson Response, NetHope, Télécoms Sans Frontières (TSF), and Vodafone Foundation are extending Internet connectivity services for responders in Marsh Harbour, and supporting the Logistics Hub at the port, the EOC at the government building, and the airport.



IFRC

- Deployed team to assist with sheltering
- Aid for 400 families were shipped to Abaco
- Conducted assessment of shelter conditions in New Providence
- Distributed 1,200 Shelter toolkits (1 per family) - 1,200 households; 4,100 blankets (4 per family) - 1,025 households, 500 kitchen sets (1 per family) to 500 households; 800 tarpaulins (2 per family) - 400 households all in New Providence Bahamas Red Cross Warehouse.
- Plans to move extra stock of NFI for 600 households to Abaco and 500 households to Grand Bahama.
- IFRC items are stored in a WFP Mobile Storage Unit.

IOM

- Mobilising and distributing non-food items (NFIs) including 1000 tarpaulins, solar lights, jerry-cans, hygiene kits etc; developing a strategy and coordinating housing repairs; assessing the needs of displaced persons and identifying shelter solutions; deployed and emergency coordinator.
- Developing strategy and coordinating housing repairs

Mercy Corps

- Distribution of solar lanterns with USB chargers for phones

ShelterBox

- Assessing unmet emergency household Shelter need, initially on Abaco, possibly Grand Bahama.

UK DFID

- Distributed over 990 shelter kits

UNDP

- UNDP continues to support with the Building and Damage Assessment.
- Additional support will be provided towards the revision of building code and guidelines and subsequent translation into Creole

UNHCR

- Conducting needs assessment

UNFPA

- Supporting the RNAT and PDNA in health and shelter assessments



UNICEF

- Establishing a School Registration system for 10,000 displaced children in New Providence and providing Psychosocial Support - Return to Happiness Training of Trainers for 250 participants.
- Supporting the Government of The Bahamas to register students in schools, building up a secure central data management system to facilitate school registration until mid-October.
- HR: 2 Education expert deployed for coordination and programme support.

CARPHA

- Providing RNAT support

UK DFID/UK Military

- The Royal Fleet Auxiliary (RFA) Mounts Bay supported operations in north Abaco. The vessel is supplied potable water to this area.
- Distributed 987 hygiene kits and nearly 100 tonnes of water

Kingdom of the Netherlands

- The Dutch marine vessel arrived on Wednesday September 11, 2019. The vessel has the capacity to produce one hundred and fifty thousand (150,000) liters of potable water daily

IFRC

- Distributed 1,800 jerrycans (2 per family) - 900 households; 1,800 jerrycans (2 per family) - 900 households; 900 hygiene kits (1 per family) - 900 households in New Providence Bahamas Red Cross Warehouse.
- Surge alert for WASH hydrogeologist profile issued.
- Surge WASH delegate deploying to Grand Bahama to support distributions (bottled water, hygiene kits, buckets, jerry cans), volunteer training and recruitment, and assessments in communities in Freeport and east Grand Bahama (High Rock- McLean's Town), focused on smaller-scale water supply and sanitation systems.
- Coordination with Adka Laboratories in Nassau. Instrument loaned to BRC for water quality field testing for conductivity and TDS.
- Continued coordination with WASH sector partners in Grand Bahama and Abaca to ensure coordinated response and inform plan of action.

ISRAID

- Deploying personnel for WASH infrastructure, water treatment and distribution

Mercy Corps

- Distribution of collapsible jerry-cans, chlorine tablets, water and hygiene kits

PAHO

- Provided personnel to support assessments

Samaritans Purse

- Providing 2 reverse osmosis units and distribute collapsible jerry-cans

UNFPA

- Has 1250 hygiene kits prepositioned in Barbados and Antigua

UNICEF

- Distributing water containers, chlorine/ph pool tester kits, water purification tabs and 500L water tanks.
- Coordination this sector with Government counterparts

World Hope International

- Has established Water Points at Marsh Harbour and Green Turtle Bay

CARICOM IMPACS

- Providing immigration support in event of displacement

UNDP

- Providing a gender and recovery personnel

UNFPA

- A team of 3 personnel arrived in Nassau on Sunday September 8, 2019 to conduct an assessment in Grand Bahama Island, Abaco Island and New Providence Island to inform actions required under the GBV area of responsibility and under ESF8, i.e. Sexual and Reproductive Health. Long-term GBV and SRH deployment on stand-by.
- 1,450 dignity kits arrived in Nassau on 12 Sept 2019 from Panama; will be distributed in shelters on 13 Sept 2019, 1-250 hygiene kits prepositioned: Barbados (250) and Antigua (1-000); Reproductive Health Kits to be delivered on request.

UNICEF

- Providing 200 emergency recreation kits
- Providing documentation & provisional Child Protection services to 1,200 children in shelters in New Providence

UNHCR

- Conducting needs assessments at shelter

UN Women

- Working with the Department of Gender and Family Affairs to produce and disseminate life saving information to displaced persons
- Working with the Caribbean Alliance of Psychology Associations to develop a Psychosocial intervention programme for displaced persons
- Supporting the Department of Gender with technical assistance around leading a gender responsive emergency and recovery response and to be able to guide and support other members of the team in this regard. (Gender Alerts)

FAO

- Currently undertaking assessments in forestry and fisheries sectors



CARPHA

- Providing post flooding food safety guidance

Hands for Hunger (national NGO)

- Offered to assist with distribution of food

UK DFID

- Distributed 3000 ration packs

USAID/OFDA

- Partnered with The Bahamas Red Cross Society (BRCS) to distribute relief commodities across Abaco on September 7
- With support from Food for Peace (FFP) and the UN World Food Program (WFP) procured and transported approximately 14,000 individual ready-to-eat meals from Miami, Florida, to The Bahamas on September 6, 2019 and began distribution in Abaco on September 8, 2019

WFP

- Distributed MREs to affected communities in Abaco Island, with the support of Samaritan's Purse and the Bahamas Red Cross.
- On 08 September, WFP distributed 150 MREs (75 people) in Dundas Town, Abaco Island. On 09 September, WFP provided 1,600 MREs (800 people) to the Administrative Office of Cooper's Town, for affected people in the Little Abaco settlements of Mount Hope, Cedar Harbour, Wood Cay, Fox Town, and Crown Haven. An additional 350 MREs (175 people) are destined for Little Abaco. WFP continues to assist affected areas in Abaco and Grand Bahama Islands.

WHI

- Provided five aquifer 360, 3000 water containers, 3 generators, 1500 onion tanks. Additional water supplies shall be provided as needed.



EARLY RECOVERY & INFRASTRUCTURE

IFRC

- Performed assessments on Abaco Island and Grand Bahama (Health, WASH, Shelter, Restoring Family Links)

UK DFID/UK Military

- Provided support for opening up of infrastructure.
- Assisting with the rehabilitation of route clearing in North and Central Abaco

UNDP

- Deployed a team of five (5) persons to participate in the recovery efforts
- Has several experts on standby in PDNA, recovery planning, early recovery, as well as debris and waste management.
- Household and building damage assessment online tool (HBDA) adjusted for rapid assessments; supporting the Ministry of Public Works with automation of their damage assessment tool.
- Specialist has been engaged to support the Government with developing comprehensive waste and debris management strategy and action plan. Plan will address both short term and long term debris and waste management needs. Specialist will be deployed within a week.
- Teams on the ground are working to partner with other entities including the Swiss Development Cooperation with debris and waste management efforts.