

# TROPICAL STORM LISA

Situation Report No. 2

1 NOVEMBER 2022, 1700 CT

## HIGHLIGHTS

- 1 November 2022, at 9:00 am: Belize continues under a hurricane watch. Tropical Storm Lisa was located near latitude 16.5°N longitude 82.5°W latitude or about 385 miles East of Belize City. TS Lisa has continued to the west at 15 mph and has strengthened to maximum sustained winds of 60 mph and minimum pressure of 1001 mb
- 1 November 2022 at 12:30 pm CT: National Emergency Management Organisation (NEMO) provided an update to its hurricane watch declaration 24 hours ago. **Red 2 (Phase 3) indicating that Tropical Storm Lisa threatens the country of Belize and is likely to make landfall within 24 hours as a Category 1 Hurricane,**
- THE CIMH NMM model projects a well-organized system to be in close proximity to Belize by 0900 UTC on Wednesday.
- TS Lisa is expected to become a hurricane within 24 hours (possibly tonight) and will continue to intensify as it approaches the Bay Islands, strengthening even more before it makes landfall. Projected landfall is between the Belize and Stann Creek Districts on Wednesday Nov. 2.

## SITUATION IN NUMBERS

### Affected

0



### Deaths

0



### Damaged

0



### Missing

0

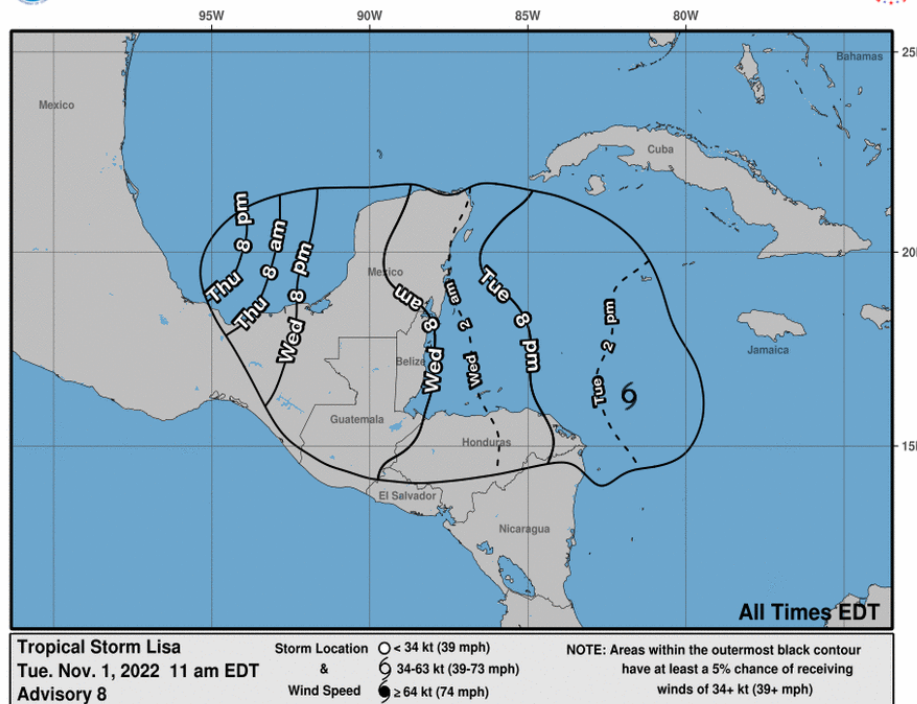


### Evacuated

?



### Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



1 Nov, 2022, 9:00 AM: Projected arrival of tropical-storm-force winds (Source: National Hurricane Center)

## SITUATION OVERVIEW

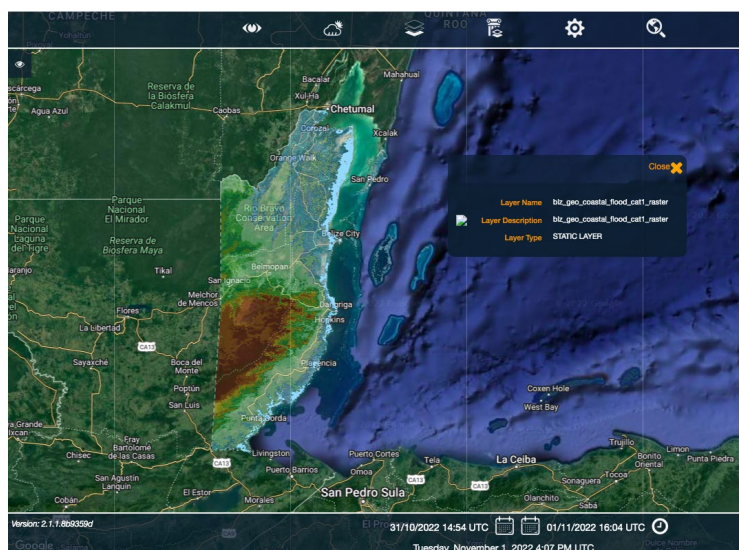
- Projection suggests that higher accumulations are expected over central/southern districts. This system is expected to bring heavy rainfall with amounts of 4-6 inches and locally higher values of up to 10 inches starting on Wednesday and continuing through Thursday 3 Nov, which will result in flooding across low-lying and flood-prone areas of the country. Winds of category 1 hurricane strength at 74-95 mph are expected near the landfall location with a storm surge of 3-7 feet to the north of where the centre makes landfall.
- Evacuation of offshore islands, Ambergris Caye and Caye Caulker, has initiated with the University of Belize's gymnasium being used as a shelter.
- Schools closed on Tuesday, Nov. 1, 2022, as the country prepared for the arrival of Tropical Cyclone Lisa. Evacuation shelters (15) opened in the afternoon of Nov. 1, 2022. The International airport will close tonight. Maritime ports around the country are scheduled for closure on Wednesday, Nov. 2. Land borders remain open.



1 Nov, 2022, 12:00 PM: Projected path of Tropical Storm Lisa (Source: National Hurricane Center)

## NEEDS

- Preliminary needs are being determined; however, it is anticipated that there may be need for shelters, non-perishable food, WASH supplies, including feminine hygiene kits, and Personal Protective Equipment (PPE) for frontline responders and shelter managers.
- The need for medical supplies and strengthening of the surveillance system to monitor water, food and vector borne diseases are anticipated.
- Daily syndromic and event-based surveillance need to be established at shelters and hospitals.
- Patients with medical conditions requiring critical care may require ambulance services or special assistance for evacuation
- Dissemination of key messages to sensitize the public on prevention of water-, vector-, and food-borne diseases, and prevention. No international assistance is requested.



31 Oct., 2022 Coastal flood map for Belize for Category 1 Storm (Source: CDEMA)

# RESPONSE ACTIONS

## GOVERNMENT

### MINISTRY OF FOREIGN AFFAIRS, FOREIGN TRADE AN IMIGRATION (MOFATI)

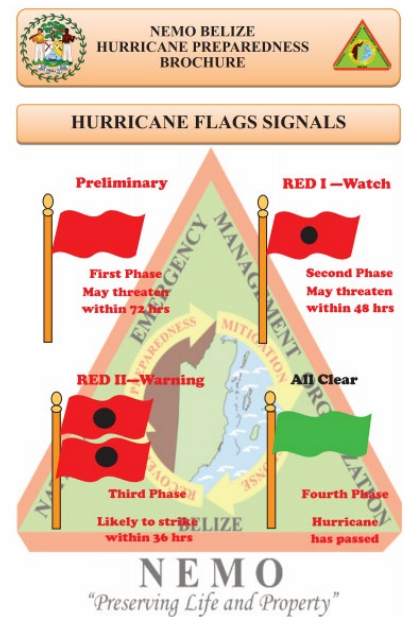
- The Foreign Assistance Committee was activated by the MOFATI providing a Diplomatic briefing- providing a report from NEMO, the Meteorological Center and Immigration. They provided a summary on the National response and the focus on preservation of lives encouraging the population to move into safe homes and 15 shelters have been opened. Persons have been encouraged to activate their family plans have sufficient food supplies and water. Except for emergencies or as part of the national response, movement on the roads are discouraged.

### MINISTRY OF HEALTH AND WELLNESS

- The Ministry of Health and Wellness has activated its Emergency Operations Center (EOC) that will be located at the National Vaccine Building in Belmopan, within the compound of the Western Regional Hospital.
- The MOHW has ensured that its generators are fully functional in the event that it loses electricity from the national grid.
- District managers at the various regional health facilities have been notified to activate their Emergency Operational Plans.

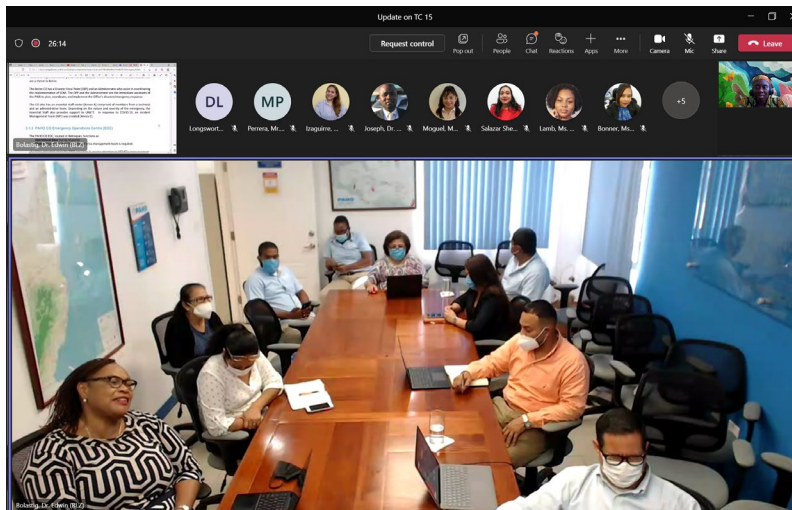
### NATIONAL EMERGENCY MANAGEMENT ORGANIZATION

- NEMO EOC has been setup at NEMO conference room.
- NEMO has activated its operational readiness plan, has conducted a check its warehouse inventory to ensure that it has basic supplies to start operations and to procure additional supplies. District Emergency Centres also activated.
- The search and rescue component, including the Belize Special Assignment Group (BSAG), Coast Guard, Belize Defence Force (BDF) and all those critical uniform services that will assist with potential rescues, has been alerted.
- Members of the BDF's regular element currently on annual leave have been asked to report to the nearest military installation for duty as part of preparation and readiness plan of action in anticipation of TS Lisa.



## PAHO/WHO

- Coordinated with the Ministry of Health and Wellness on hurricane preparedness and response. Implementation of District Emergency Response Plans initiated.
- Led the UN Country Team preparedness and response as Chair of the UNETT
- PAHO/WHO has alerted all staff to take precautionary measures to protect their lives and properties and activate family plans.
- An Incident and Crisis Management Team has been established in the country office. The PAHO's Disaster Response Team includes 5 staff supporting the preparedness and response.



31 Oct. 2022: Meeting with PAHO/WHO personnel to reinforce roles and responsibilities in business continuity plan during emergencies.

## **UN**

- The second UN coordination (UNETT) meeting was held on 1st November 2022, with the participation of Office for the Coordination of Humanitarian Affairs (OCHA), PAHO/WHO, UNDP, UNICEF, UNFPA, UNHCR, IOM and WFP. Flash Update 2 prepared.
- The UN agencies are being asked to continually update an excel sheet that the RCO is using to monitor. UN Crisis Management Centre located at UNHCR headquarters in Belmopan after the all-clear signal has been declared.

## **OTHER PARTNERS:**

- The Belize Police Force has also activated its hurricane plan with police officers being advised to secure homes and families, in anticipation of moving to a 12-hour shift system since they are relied on for search and rescue operations and to ensure the safety of hurricane shelters.
- The Department of the Environment sent reminders to store industrial chemicals, pesticides and other hazardous substance (fuels, oils and lubricants) on high ground to prevent potential environmental contamination.