

Intro GEONETCast-Americas (GNC-A) Webinar

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March 14, 2025

CARIBE WAVE

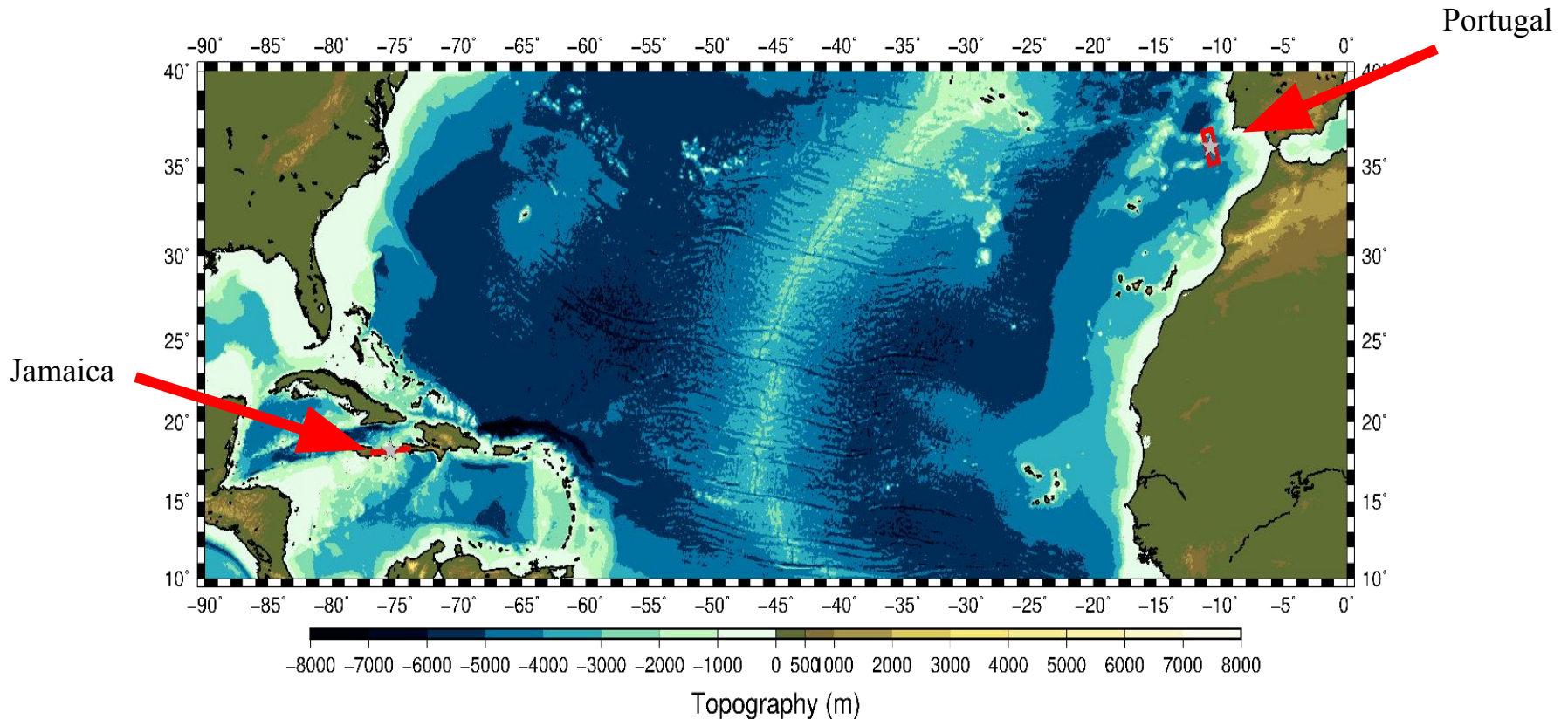
- CARIBE WAVE is the annual tsunami exercise of the UNESCO-IOC Intergovernmental Coordination Group for Tsunamis and Other Coastal Hazards for the Caribbean and Adjacent Regions.
- The exercise validates tsunami warning communication and dissemination.
- The exercise also assists tsunami preparedness efforts in the 48 Member States and Territories.
- The first exercise was held in 2011. In 2024, there was a total of **470,423** people engaged according to member states.
- Next exercise: March 20, 2025 at 1500 UTC.



#CARIBEWAVE
#TSUNAMIREADY

CARIBE WAVE 25

Earthquake and Tsunami Scenarios



Scenario	Origin Time	Mw	Epicenter
Jamaica	15:00:00 UTC 20 March 2025	8.0	18.203°N, 75.376°W
Portugal		8.6	36.0°N, 10.7°W

Objectives for CARIBE WAVE 25

1. Exercise and evaluate communications between the Regional Tsunami Service Providers and Members States/Territories.

- A. Validate the **issuance** of tsunami products from the PTWC and CATAAC.
- B. Validate the **receipt** of tsunami products by CARIBE-EWS Tsunami Warning Focal Points (TWFPs) and/or National Tsunami Warning Centers (NTWCs).

2. Evaluate the tsunami procedures and programs within Members States/Territories.

- A. Validate **readiness** to respond to a tsunami.
- B. Validate the **operational readiness** of the TWFPs/NTWCs and/or The National Disaster Management Office (NDMO).
- C. Improve **operational readiness**. Before the exercise, ensure appropriate tools and response plan(s) have been developed, including public education materials.
- D. Validate that the **dissemination of warnings** and information/advice by TWFPs and NTWCs, to relevant in-country agencies and the public is accurate and timely.
- E. Evaluate the status of the implementation of the UNESCO/IOC **Tsunami Ready** programme.

PTWC Dummy Message for CARIBE WAVE 25:

On **March 20, 2025 at 1500 UTC**, the initial dummy message will be issued and disseminated over all its standard broadcast channels for the two scenarios.

Center	WMO ID	AWIPS ID	NWWS	GTS/WIS/WMO	GEONET CAST AMERICAS	HRIT/ EMWIN*	AISR	Fax**	Email
PTWC	WECA41 PHEB	TSUCAX	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*Virtual Channel ID (VCID): “20” – EMWIN Priority [1 and 2 bulletins]

**This service will end on March 31, 2025 unless the country has specifically requested it to continue

Message Chronology issued by the PTWC Jamaica

Date	Time (UTC)	PTWC	
		PTWC	
		Type of Product	Transmission Method
3/20/25	1500	----- Earthquake Occurs -----	
3/20/25	1500	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/20/25	1507	Initial Tsunami Threat Message #1	Email
3/20/25	1530	Tsunami Threat Message #2 with Forecast and Graphical Products	Email
3/20/25	1600	Tsunami Threat Message #3	Email
3/20/25	1700	Tsunami Threat Message #4	Email
3/20/25	1800	Tsunami Threat Message #5	Email
3/20/25	1900	Tsunami Threat Message #6	Email
3/20/25	2000	Tsunami Threat Message #7	Email
3/20/25	2100	Final Tsunami Threat Message #8	Email

Message Chronology issued by the PTWC - Portugal

Date	Time (UTC)	PTWC	
		Type of Product	Transmission Method
3/20/25	1500	---- Earthquake Occurs ----	
3/20/25	1500	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/20/25	1507	Initial Tsunami Information Statement #1	Email
3/20/25	1515	Tsunami Threat Message #2	Email
3/20/25	1525	Tsunami Threat Message #3 with Forecast and Graphical Products	Email
3/20/25	1600	Tsunami Threat Message #4	Email
3/20/25	1630	Tsunami Threat Message #5	Email
3/20/25	1700	Tsunami Threat Message #6	Email
3/20/25	1800	Tsunami Threat Message #7	Email
3/20/25	1900	Tsunami Threat Message #8	Email
3/20/25	2000	Tsunami Threat Message #9	Email
3/20/25	2100	Tsunami Threat Message #10	Email
3/20/25	2200	Tsunami Threat Message #11	Email
3/20/25	2300	Tsunami Threat Message #12	Email
3/21/25	0000	Tsunami Threat Message #13	Email
3/21/25	0100	Tsunami Threat Message #14	Email
3/21/25	0200	Tsunami Threat Message #15	Email
3/21/25	0300	Tsunami Threat Message #16	Email
3/21/25	0400	Tsunami Threat Message #17	Email
3/21/25	0500	Tsunami Threat Message #18	Email
3/21/25	0600	Tsunami Threat Message #19	Email
3/21/25	0700	Tsunami Threat Message #20	Email
3/21/25	0800	Tsunami Threat Message #21	Email
3/21/25	0900	Final Tsunami Threat Message #22	Email

GNC-A Known User Receivers

in red are CARIBE EWS NTWC/TWFP

Antigua and Barbuda

Barbados CIMH

Belize NMS-Belize

Costa Rica AEROPUERTO-JSM

Costa Rica IMN Costa Rica

Costa Rica AEROPUERTO-LIBERIA

Cuba INSMET

Dominica

El Salvador MARN-Aeropuerto
Llopango

El Salvador MARN-Puerto
Acajutla

El Salvador MARN-Puert
Corsain

El Salvador MARN-Universidad
de El Salvador

El Salvador MARN-Las Mercedes

Grenada

USA - GNC-A Broadcast Manager

Guatemala INSIVUMEH

Honduras COPECO

Haiti UHM

Panama SERVIR-CATHALAC

Dominican Republic ONAMET

Mexico CONAGUA-SMN

Mexico CONAGUA-Ciudad de

Mexico CONAGUA-Chiapas

Mexico CONAGUA-Yucatán

Mexico CONAGUA-Veracruz

Mexico UNAM-ICML

Mexico CENAPRED

Mexico UABC

Mexico INEGI

Mexico AEM-CICESE

Mexico UNAM

Puerto Rico PRSN

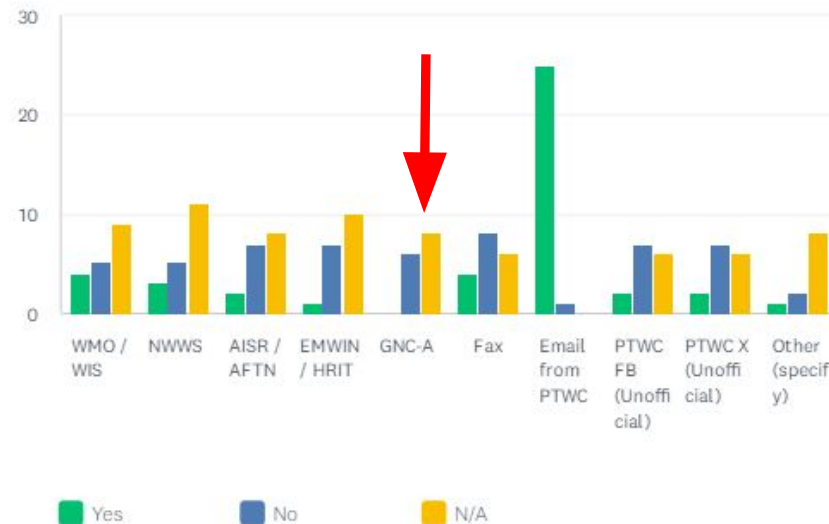
Saint Kitts and Nevis

Saint Vincent and the Grenadines

Results of Communication Portion of CARIBE WAVE 24

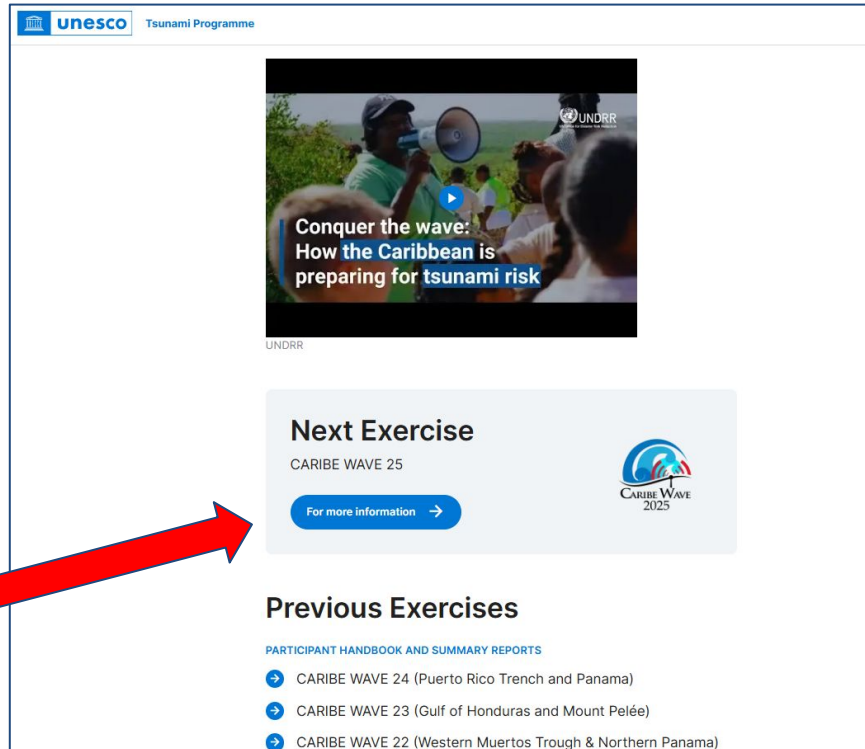
Q5 The PTWC issued the CARIBE WAVE 24 Dummy Message by several methods. Please check all methods through which the message was received by the TWFP/NTWC.

Answered: 26 Skipped: 0

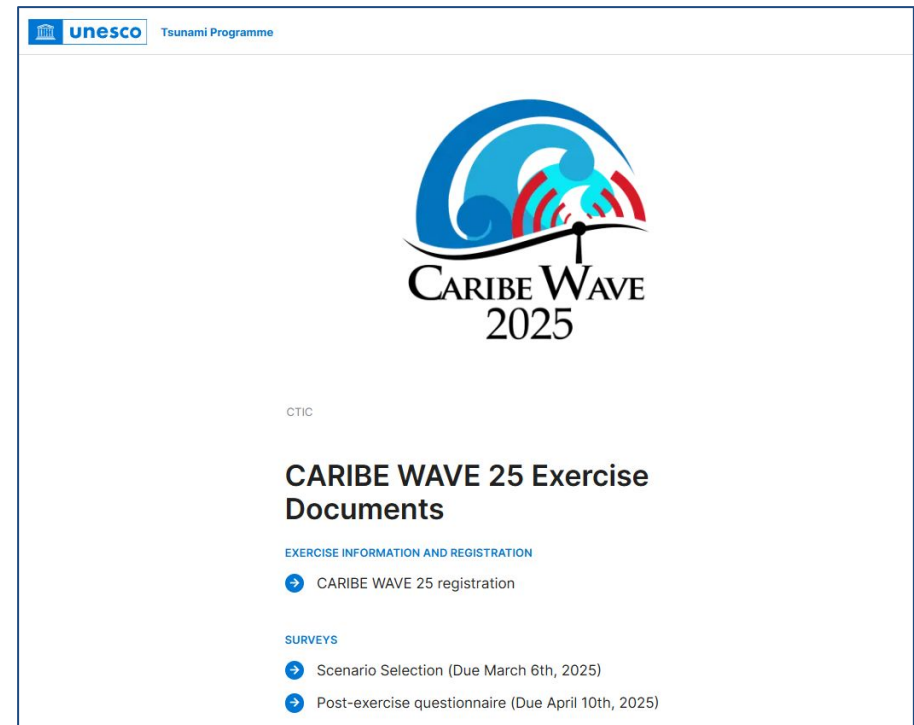


For CW 24 the lack of TWFP/NTWCs using GNC-A was noted.

CARIBE WAVE website (New): caribewave.org



- Reports
- General Guidelines
- Handbook



Resources available at caribewave.org

- Manual and Guides 86: Multi-Annual Community Tsunami Exercise Programme Guidelines for the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions.
- PTWC Enhanced Products and Staging for the Caribbean and Pacific, English
- IOC Manuals “[How to plan, conduct and evaluate tsunami exercises](#)” and “[Module on Tsunami Exercise](#)” are useful resources.
- CARIBE WAVE 2011 - 2025 Handbook
- CARIBE WAVE 2011 through 2024 Final Report
- PTWC Communications Plan for the Caribbean

Questions on the exercise can be addressed to the members of the CARIBE WAVE 25 Task Team.

Additional Info

- Additional materials will be added to CW website (www.caribewave.org).
- Send links of other national pages to christa.vonh@noaa.gov to include on CW.
- This presentation is available on Ocean Expert website <https://oceanexpert.org/event/4657#documents> for which there is link in the caribewave.org website.
- CARIBE WAVE video in EN, SP and FR is available at caribewave.org website and can also be downloaded from YouTube channel of ITIC

CARIBE WAVE 25 Task Team

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Timeline

ACTION	DUE DATE
Handbook Draft Circulated among ICG CARIBE-EWS CARIBE WAVE 25 Task Team	✓ November 2024
Deadline for Comments	✓ November 2024
Circular Letter Issued by IOC to MS	✓ December 2024
Exercise Handbook Available Online	✓ December 2024
First Webinar CW	✓ 21 January 2025 – English ✓ 22 January 2025 – Spanish ✓ 23 January 2025 – French
Second Webinar CW	✓ 25 February 2025 – English ✓ 26 February 2025 – Spanish ✓ 27 February 2025 – French
Countries Indicate Selected Scenario	✓ 6 March 2025
Exercise	20 March 2025
Hot-Wash	1 April 2025
Exercise Evaluation Due	4 April 2025
Final Draft Caribe Wave 25 Report 22 April 2025	

Thank you Diego Souza for presenting and
all for joining

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