



Premier Webinaire

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26 Janvier 2023

CARIBE WAVE 2022

CARIBE WAVE 22 s'est tenu dans des circonstances de pandémie le 10 mars 2022. Chaque État membre et territoire a déterminé son niveau de participation.

Dans les Caraïbes et les régions adjacentes, **48** États membres et territoires ont participé à cet exercice avec un total de plus de **413 000** personnes engagées.

- La participation des MS représente un taux de **100%** (contre 98% en 2021).



PTWC (a)



Mexico (b)

Objectifs CARIBE WAVE 23

1. Exercer et évaluer les communications entre le fournisseur régional de services aux tsunamis et les États membres/territoires.

- A. Valider l'**émission** des produits tsunami du PTWC.
- B. Valider la **réception** et la diffusion des produits tsunami par les points focaux d'alerte aux tsunamis du CARIBE EWS (TWFP) et/ou du centre national d'alerte aux tsunamis (NTWC).

2. Évaluer les procédures et les programmes relatifs aux tsunamis dans les États membres/territoires.

- A. Valider l'état de **préparation** de la réponse à un tsunami.
- B. Valider la **capacité opérationnelle** des points focaux d'alerte aux tsunamis (TWFP, ou fonction similaire) et/ou du bureau national de gestion des catastrophes (NDMO).
- C. Améliorer la **préparation opérationnelle**. Avant l'exercice, s'assurer que des outils et des plans d'intervention appropriés ont été élaborés, y compris du matériel d'information à la population.
- D. Valider que la diffusion des alertes et des informations/conseils par les TWFP et les NTWC aux agences nationales pertinentes et au public soit exacte et opportune.
- E. Évaluer l'état de la mise en œuvre du programme UNESCO/IOC **Tsunami Ready**.

3. Évaluer les produits volcaniques.

- A. Évaluer les procédures et les produits PTWC CARIBE-EWS proposés pour les événements volcaniques.
- B. Évaluer les contributions et les procédures des agences responsables de la surveillance des volcans.
- C. Évaluer les plans d'intervention des États membres et des territoires en cas de tsunamis volcaniques.

Métriques

Objectifs	2016 Résultat	2017 Résultat	2018 Résultat	2019 Résultat	2020 Résultat	2021 Résultat	2022 Résultat	2023 Métrique
TWFP reçoit le message fictif	84%	95%	100%	89%	97%	97%	91%	100%
Participation des états membres de l'ICG CARIBE EWS avec des points focaux d'alerte aux tsunamis	100%	100%	97%	100%	92%	98%	100%	100%
Participation de la communauté (au-delà de TWFP)	73%	82%	77%	66%	38%	56%	43%	95%
Nombre du participants	332,812	679,985	643,403	793,353	4,622	333,518	413,281	+10%
Pays soumettant le questionnaire sur l'exercice	100%	100%	91%	82%	92%	95%	100%	100%
Les États et territoires membres sont satisfaits de l'exercice				82%	76%	96%	88%	100%

Nouveau: CARIBE WAVE Site Web!

The screenshot shows the ITIC website home page. The header includes logos for UNESCO, IOC, IOC Tsunami, NOAA, US Tsunami, and NOAA Tsunami. The main navigation bar features 'Home', 'Contact ITIC', 'General Info', 'Technical Info', and 'Intergovernmental'. A sidebar on the left lists various resources. The main content area is titled 'Caribbean' and lists 'CARIBE WAVE' exercises from 2011 to 2023. A red arrow points from the 'CARIBE WAVE 23' link in this list to the 'CARIBE WAVE 23' page. Below the list is a video player with the title 'Preparing for tsunami risk in the ...' and a subtitle 'This is how countries and communities help prepare for the tsunami risk in the Caribbean'. At the bottom, there is a section for 'Global & Regional' with a map of the Caribbean.

UNESCO IOC IOC Tsunami NOAA US Tsunami NOAA Tsunami

ITIC International Tsunami Information Center

Home > Intergovernmental > Tsunami Exercises > International

Search... Search Advanced

Home

Contact ITIC

General Info

World Tsunami Day

Hawaii Information

American Samoa Info

About Tsunamis

Am I in Danger?

What to Do?

Aware, Educate

Photo, Video, Graphic

Quick Info - Media

FAQs

About ITIC

Technical Info

Current Warnings

About Warnings

Tsunami Events

Earthquake Monitors

Sea Level Monitors

Research

Meetings

Tools & Products

Library

ITST Tsunami Survey

Marine Ports Guide

Vertical Evac Guide

Intergovernmental

Global System

Pacific (PTWS)

Info Centers

ITIC Training

Tsunami Exercises

UNESCO/IOC Tsunami Ready Programme

Caribbean

- CARIBE WAVE 11 - March 23, 2011
- CARIBE WAVE 13 - March 29, 2013
- CARIBE WAVE 14 - March 26, 2014
- CARIBE WAVE 15 - March 23, 2015
- CARIBE WAVE 16 - March 17, 2016
- CARIBE WAVE 17 - March 21, 2017
- CARIBE WAVE 18 - March 15, 2018
- CARIBE WAVE 19 - March 14, 2019
- CARIBE WAVE 20 - March 10, 2020
- CARIBE WAVE 21 - March 11, 2021
- CARIBE WAVE 22 - March 10, 2022
- CARIBE WAVE 23 - March 23, 2023

CARIBE WAVE Exercise

Preparing for tsunami risk in the ...

This is how countries and communities help prepare for the tsunami risk in the Caribbean

UNESCO IOC Tsunami Ready

Preparing communities to be ready for the next tsunami

Tsunami Awareness Poster

Available in English, Chinese, French, Japanese, Korean, Portuguese, Singapore.

Global & Regional

Site web

The screenshot shows the ITIC website page for 'CARIBE WAVE 23'. The header is identical to the home page. The main content area is titled 'CARIBE WAVE 23' and 'March 23, 2023 at 1400 UTC'. Below this is a section for 'REGISTER YOUR PARTICIPATION FOR THE EXERCISE HERE'. A video player is embedded, showing a red fire service vehicle with the text 'EN - UNESCO/IOC Caribe Wave Exercise' and 'UNESCO/IOC CARIBE WAVE EXERCISE'. To the right of the video, there is a link to 'Click to see and download the CARIBE WAVE Exercise video in: English Spanish French'. Below the video, there is a section for 'Intergovernmental Global System Pacific (PTWS) Info Centers ITIC Training Tsunami Exercises UNESCO/IOC Tsunami Ready Programme'. At the bottom, there is a section for 'Global & Regional' with a map of the Caribbean.

UNESCO IOC IOC Tsunami NOAA US Tsunami NOAA Tsunami

ITIC International Tsunami Information Center

Home > Intergovernmental > Tsunami Exercises > International

Search... Search Advanced

Home

Contact ITIC

General Info

World Tsunami Day

Hawaii Information

American Samoa Info

About Tsunamis

Am I in Danger?

What to Do?

Aware, Educate

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Info Centers

ITIC Training

Tsunami Exercises

UNESCO/IOC Tsunami Ready Programme

CARIBE WAVE 23

March 23, 2023 at 1400 UTC

REGISTER YOUR PARTICIPATION FOR THE EXERCISE HERE

EN - UNESCO/IOC Caribe Wave Exercise

UNESCO/IOC CARIBE WAVE EXERCISE

Click to see and download the CARIBE WAVE Exercise video in: English Spanish French

Intergovernmental

Global System

Pacific (PTWS)

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ITIC Training

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UNESCO/IOC Tsunami Ready Programme

Preparing communities to be ready for the next tsunami

Tsunami Awareness Poster

Available in English, Chinese, French, Japanese, Korean, Portuguese, Singapore.

Global & Regional

Manuel de l'Exercice

- Disponible en ligne en anglais sur le lien suivant, www.caribewave.org
- Il comprend:
 - La description du tsunami et du séisme de chaque scénario
 - Le calendrier
 - Le message "dummy" initial et des messages de menaces simulées
 - Le temps estimé de trajet et l'amplitude attendue des vagues
 - Le lien vers le questionnaire d'évaluation

Intergovernmental Oceanographic Commission
Technical Series

178



EXERCISE CARIBE WAVE 23
A Caribbean and Adjacent Region
Tsunami Warning Exercise

23 March 2023
(Gulf of Honduras and Mount Pelée
Scenarios)

Volume 1 Participant Handbook

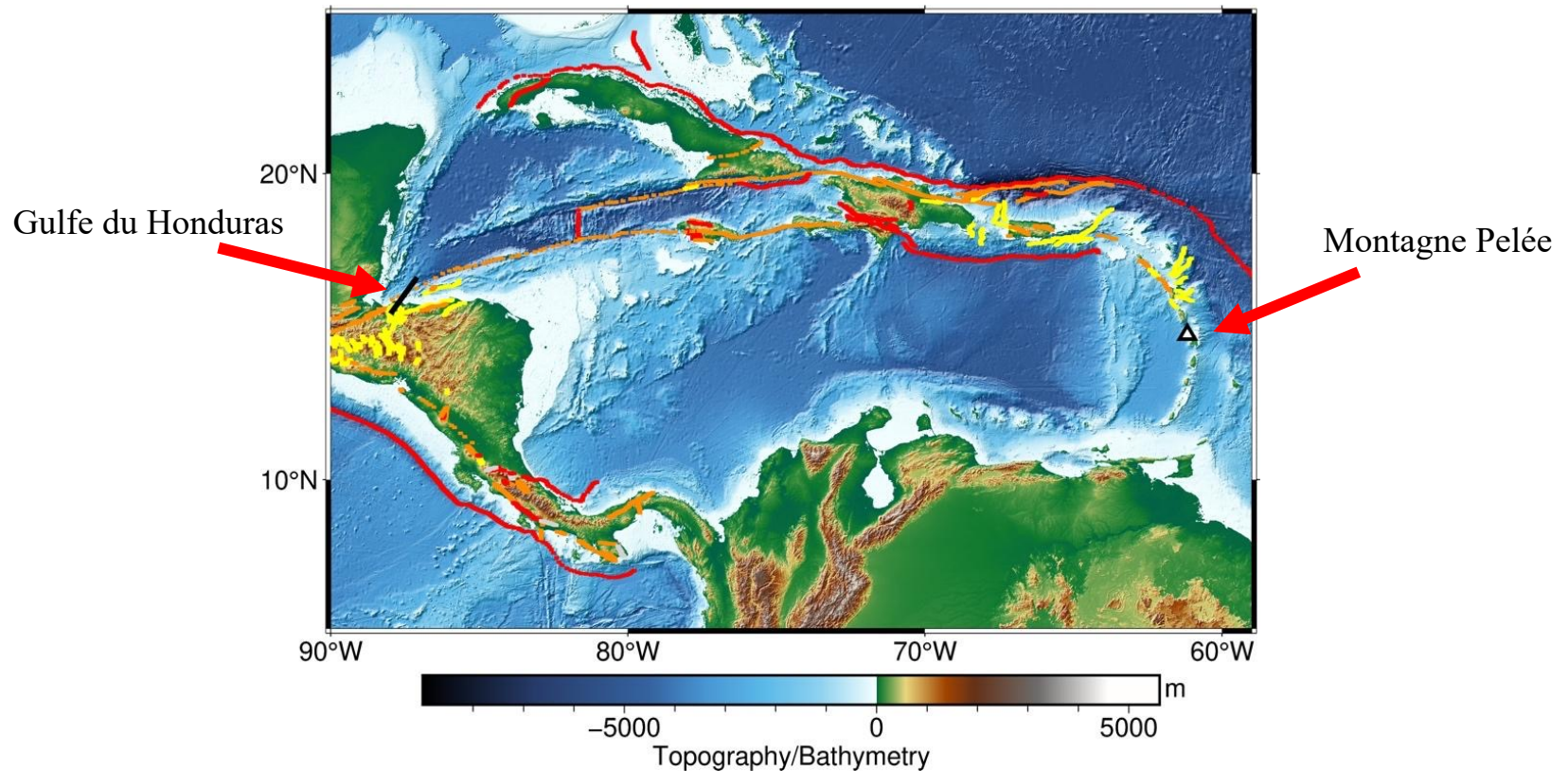


#CARIBEWAVE
#TSUNAMIREADY

CARIBE WAVE 23

Carte Scénarios

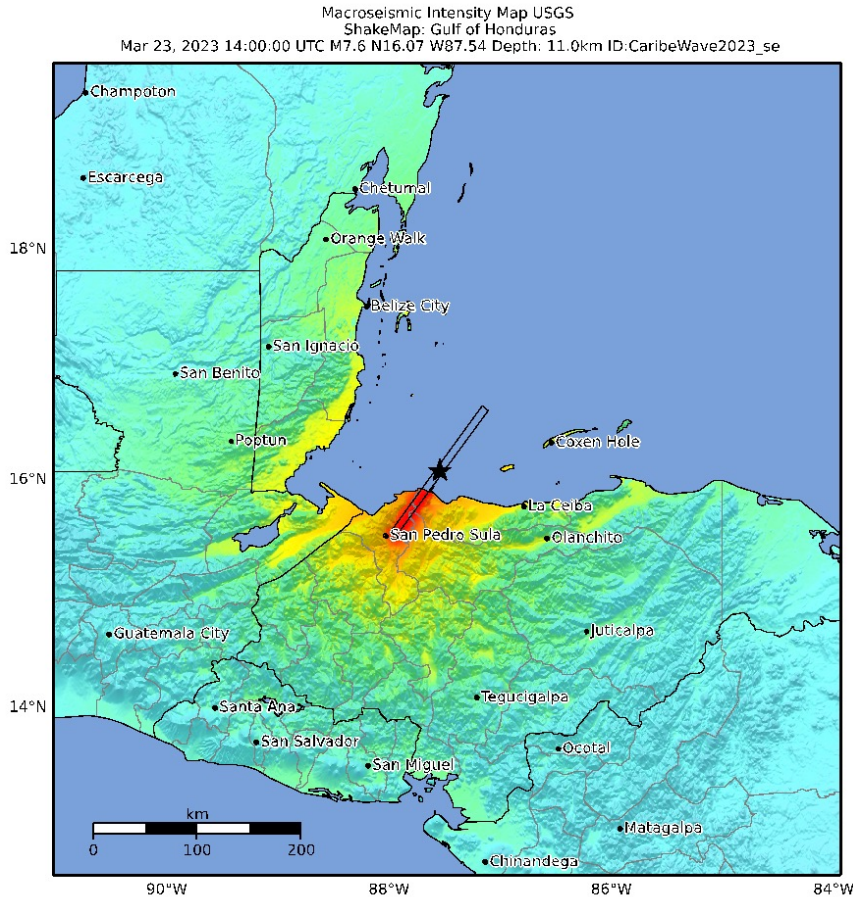
CARIBE WAVE 23



Scène	Temps d'origine	Mw	Épicentre
Golfe du Honduras	14:00:00 UTC 23 mars 2023	7.6	16.07°N, 87.54°W
Montagne Pelée			14.48°N, 61.10°W

Scénario d'impact sismique

Gulfe du Honduras



SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g)	<0.0454	0.297	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.0215	0.135	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based on Worden et al. (2012)

△ Seismic instrument ○ Reported intensity

Version 1: Processed 2022-11-08T23:09:31Z

★ Epicenter □ Rupture



Earthquake Shaking **Red Alert**



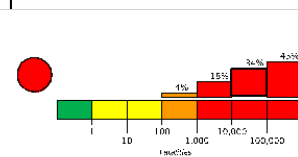
PAGER
Version 2

M 7.6, Scenario Gulf of Honduras

Origin Time: 2023-03-23 14:00:00 UTC (Thu 08:00:00 local)
Location: 16.0716° N 87.5401° W Depth: 11.0 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

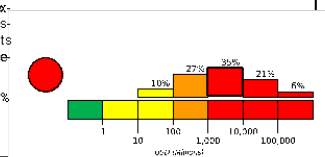
Estimated Fatalities



Red alert for shaking-related fatalities and economic losses. High casualties and extensive damage are probable and the disaster is likely widespread. Past red alerts have required a national or international response.

Estimated economic losses are 3-30% GDP of Honduras.

Estimated Economic Losses

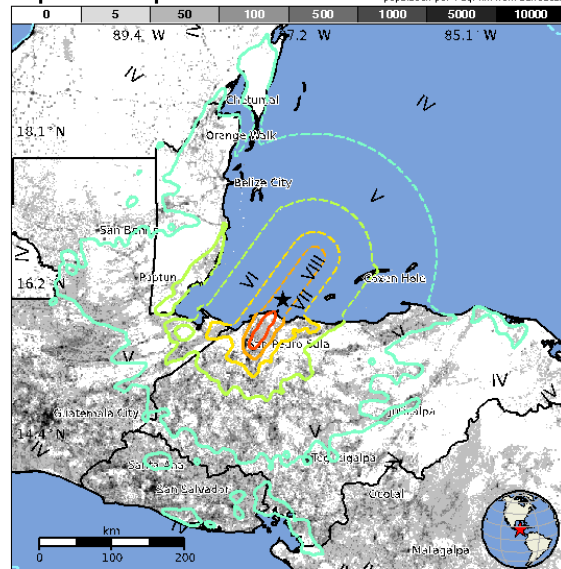


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=1000)	—k	6k*	19,800k*	7,549k	1,670k	725k	1,178k	370k	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and adobe block construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(°)	Shaking Deaths
1990-07-13	345	5.0	V(136k)	0
1986-10-10	306	5.7	VIII(30k)	950
1976-02-04	192	7.5	IX(80k)	23k

Recent earthquakes in this area have caused secondary hazards such as tsunamis and landslides that might have contributed to losses.

Selected City Exposure

MMI	City	Population
IX	La Huesca	1k
IX	Monterrey	2k
IX	Puerto Alto	1k
IX	San Jose del Boqueron	1k
VIII	La Lima	46k
VIII	Choloma	139k
VIII	San Pedro Sula	489k
V	Tegucigalpa	851k
IV	Guatemala City	995k
IV	Santa Ana	177k
IV	San Salvador	526k

bold cities appear on map.

(k = 1000)

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/data/pager/>

Event ID: uscaribewave2023_se

PRODUITS PTWC

Pour CARIBE WAVE 23, le PTWC émettra les produits suivants:

- Le message dummy initial pour les deux scénarios sera émis le **23 mars 2023 à 1400 UTC** et diffusé sur tous les canaux de diffusion standards.
- Le PTWC publiera également un message de début d'exercice via son compte Twitter à **1400 UTC**.
- À partir **1407 UTC**, les courriels du PTWC contenant tous les produits améliorés simulés (texte et graphique) seront envoyés aux serveurs Web Caribe EWS, TWFP et NTWC désignées pour l'un des scénarios.
 - D'ici le **10 Mars 2023**, chaque État membre doit sélectionner un scénario et remplir le questionnaire suivant (https://www.surveymonkey.com/r/CW23_ScenarioSelection) pour sélectionner le scénario que leur pays utilisera pour l'exercice. Chaque pays et territoire choisira un scénario et décidera si et comment diffuser les messages dans sa zone de responsabilité.
 - Si l'État membre n'informe pas le PTWC et le ITIC-CAR, les organisateurs décideront pour quel scénario le PTWC enverra les produits.
 - Pour vérifier la liste actuelle des CARIBE EWS TWFP et NTWC officiellement désignés par l'UNESCO, consultez:
http://www.ioc-tsunami.org/index.php?option=com_content&view=article&id=6&Itemid=22&lang=en
Nom d'utilisateur: tsunami Mot de passe: bigwave

Appendix VI. TWC Dummy (Start of Exercise) Messages

PTWC

Centre

WECA41 PHEB 231400

WMO ID

TSUCAX

AWIPS ID

TEST...INITIAL DUMMY START OF EXERCISE MESSAGE...TEST
NWS PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1400Z 23 MAR 2023

...TEST...CARIBE WAVE 23 TSUNAMI EXERCISE DUMMY MESSAGE. REFER TO THE EXERCISE HANDBOOK.
THIS IS AN EXERCISE ONLY...TEST...

THIS MESSAGE IS BEING USED TO START THE CARIBE WAVE 23 TSUNAMI EXERCISE AND TEST COMMUNICATIONS WITH UNESCO IOC CARIBE EWS NTWCS AND TWFPS. THIS WILL BE THE ONLY EXERCISE MESSAGE BROADCAST FROM THE PACIFIC TSUNAMI WARNING CENTER EXCLUDING SPECIAL EMAIL MESSAGES DISCUSSED IN THE HANDBOOK. THE HANDBOOK IS AVAILABLE AT THE WEB SITE CARIBEWAVE.INFO. THE EXERCISE PURPOSE IS TO PROVIDE AND EVALUATE THE CARIBE EWS TSUNAMI WARNING SYSTEM.

THIS IS ONLY AN EXERCISE.

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Dummy (début d'exercice) Message

Le message du début de l'exercice CARIBE WAVE 23 sera envoyé sur le(s) compte(s) Twitter de PTWC.

“This is a test message for CARIBEWAVE 23 tsunami exercise #CaribeWave”
· (Sera émis à 14h00 UTC aux comptes/abonnés NWS_PTWC et NWS_CTWP)

Scénario du Golfe du Honduras

Chronologie des Messages par PTWC

Golfe du Honduras

Date	Heure (UTC)	PTWC	
		Type of Produit	Méthode de transmission
3/23/23	1400	- - - - Le séisme se produit - - - -	
3/23/23	1400	Fictif	NWWS, GTS, EMWIN, AISR, Fax, Email
3/23/23	1407	Message Initial de Menace Tsunami #1	Email
3/23/23	1425	Message de Menace Tsunami #2 et Produits Graphiques Améliorés	Email
3/23/23	1445	Message de Menace Tsunami #3	Email
3/23/23	1530	Message de Menace Tsunami #4	Email
3/23/23	1630	Message de Menace Tsunami #5	Email
3/23/23	1730	Message de Menace Tsunami #6	Email
3/23/23	1830	Message Final de Menace Tsunami #7	Email

PTWC Message #1

ZCZC
WECA41 PHEB 231407
TSUCAX
TEST...TSUNAMI MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI
1407 UTC THU MAR 23 2023

...THIS MESSAGE IS FOR TEST PURPOSES ONLY...
...TEST TSUNAMI THREAT MESSAGE TEST...

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

- * MAGNITUDE 7.4
- * ORIGIN TIME 1400 UTC MAR 23 2023
- * COORDINATES 16.1 NORTH 87.5 WEST
- * DEPTH 11 KM / 7 MILES
- * LOCATION NORTH OF HONDURAS

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.4 OCCURRED NORTH OF HONDURAS AT 1400 UTC ON THURSDAY MARCH 23 2023.
- * THIS IS A TEST MESSAGE. BASED ON THE PRELIMINARY EARTHQUAKE PARAMETERS... HAZARDOUS TSUNAMI WAVES ARE POSSIBLE FOR COASTS LOCATED WITHIN 300 KM OF THE EARTHQUAKE EPICENTER.

TEST... TSUNAMI THREAT FORECAST ...TEST

- * THIS IS A TEST MESSAGE. HAZARDOUS TSUNAMI WAVES FROM THIS EARTHQUAKE ARE POSSIBLE WITHIN 300 KM OF THE EPICENTER ALONG THE COASTS OF

HONDURAS... BELIZE AND GUATEMALA

TEST... RECOMMENDED ACTIONS ...TEST

- * THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.
- * THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

TEST... ESTIMATED TIMES OF ARRIVAL ...TEST

- * THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THE REGION IDENTIFIED WITH A POTENTIAL TSUNAMI THREAT. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	REGION	COORDINATES		ETA(UTC)	
PUERTO CORTES	HONDURAS	15.9N	88.0W	1415	03/23
TRUJILLO	HONDURAS	15.9N	86.0W	1528	03/23
BELIZE CITY	BELIZE	17.5N	88.2W	1545	03/23
PUERTO BARRIOS	GUATEMALA	15.7N	88.6W	1608	03/23

TEST... POTENTIAL IMPACTS ...TEST

- * THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.
- * THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.
- * THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.
- * THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

TEST... NEXT UPDATE AND ADDITIONAL INFORMATION ...TEST

- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV.
- * THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.
- * THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

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Vidéo sur les produits de prévision graphique de tsunami du PTWC pour le CARIBE-EWS



UNESCO IOC / NOAA
International Tsunami Information Center
Tsunami Training Video, September 2021

Pacific Tsunami Warning Center (PTWC) **Graphical Tsunami Forecast Products** **for the CARIBE-EWS**

Dr. Charles “Chip” McCreery
Director, PTWC



Lien video (Anglais): <https://vimeo.com/showcase/8956022>

Mot de passe: training

PTWC Message #2

ZCZC
WECA41 PHEB 231425
TSUCAX

WMO ID
AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 2...TEST
NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI
1425 UTC THU MAR 23 2023

...THIS MESSAGE IS FOR TEST PURPOSES ONLY...
...TEST TSUNAMI THREAT MESSAGE TEST...

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

- * MAGNITUDE 7.4
- * ORIGIN TIME 1400 UTC MAR 23 2023
- * COORDINATES 16.1 NORTH 87.5 WEST
- * DEPTH 11 KM / 7 MILES
- * LOCATION NORTH OF HONDURAS

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.4 OCCURRED NORTH OF HONDURAS AT 1400 UTC ON THURSDAY MARCH 23 2023.
- * THIS IS A TEST MESSAGE. TSUNAMI WAVES HAVE BEEN OBSERVED.
- * THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... HAZARDOUS TSUNAMI WAVES ARE FORECAST FOR SOME COASTS.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING MORE THAN 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF BELIZE... GUATEMALA... AND HONDURAS.

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 1 TO 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF MEXICO.

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 0.3 TO 1 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE FOR SOME COASTS OF CUBA... CAYMAN ISLANDS... AND JAMAICA.

* THIS IS A TEST MESSAGE. ACTUAL AMPLITUDES AT THE COAST MAY VARY FROM FORECAST AMPLITUDES DUE TO UNCERTAINTIES IN THE FORECAST AND LOCAL FEATURES. IN PARTICULAR MAXIMUM TSUNAMI AMPLITUDES ON ATOLLS OR SMALL ISLANDS AND AT LOCATIONS WITH FRINGING OR BARRIER REEFS WILL LIKELY BE MUCH SMALLER THAN THE FORECAST INDICATES.

* THIS IS A TEST MESSAGE. FOR ALL OTHER AREAS COVERED BY THIS MESSAGE... THERE IS NO TSUNAMI THREAT ALTHOUGH SMALL SEA LEVEL CHANGES MAY OCCUR.

TEST... RECOMMENDED ACTIONS ...TEST

- * THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.
- * THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

TEST... ESTIMATED TIMES OF ARRIVAL ...TEST

* THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THREATENED REGIONS ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	REGION	COORDINATES		ETA (UTC)	
PUERTO CORTES	HONDURAS	15.9N	88.0W	1415	03/23
COZUMEL	MEXICO	20.5N	87.0W	1457	03/23
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1508	03/23
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1513	03/23
TRUJILLO	HONDURAS	15.9N	86.0W	1528	03/23
CIENFUEGOS	CUBA	22.0N	80.5W	1530	03/23
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1540	03/23
BELIZE CITY	BELIZE	17.5N	88.2W	1545	03/23
LA HABANA	CUBA	23.2N	82.4W	1546	03/23
MONTEGO BAY	JAMAICA	18.5N	77.9W	1549	03/23
PUERTO BARRIOS	GUATEMALA	15.7N	88.6W	1608	03/23
KINGSTON	JAMAICA	17.9N	76.9W	1629	03/23
SANTA CRZ D SUR	CUBA	20.7N	78.0W	1822	03/23
NUEVA GERONA	CUBA	21.9N	82.8W	1900	03/23
PROGRESO	MEXICO	21.3N	89.7W	1907	03/23

TEST... POTENTIAL IMPACTS ...TEST

- * THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.
- * THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.
- * THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.
- * THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

TEST... TSUNAMI OBSERVATIONS ...TEST

* THIS IS A TEST MESSAGE. THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH RESPECT TO THE NORMAL TIDE LEVEL.

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD
	LAT	LON	(UTC)		(MIN)
PUERTO CORTES HN	15.8N	88.0W	1425	2.94M/ 9.7FT	22
ROATAN ISLAND HN	16.3N	86.5W	1419	1.70M/ 5.6FT	16

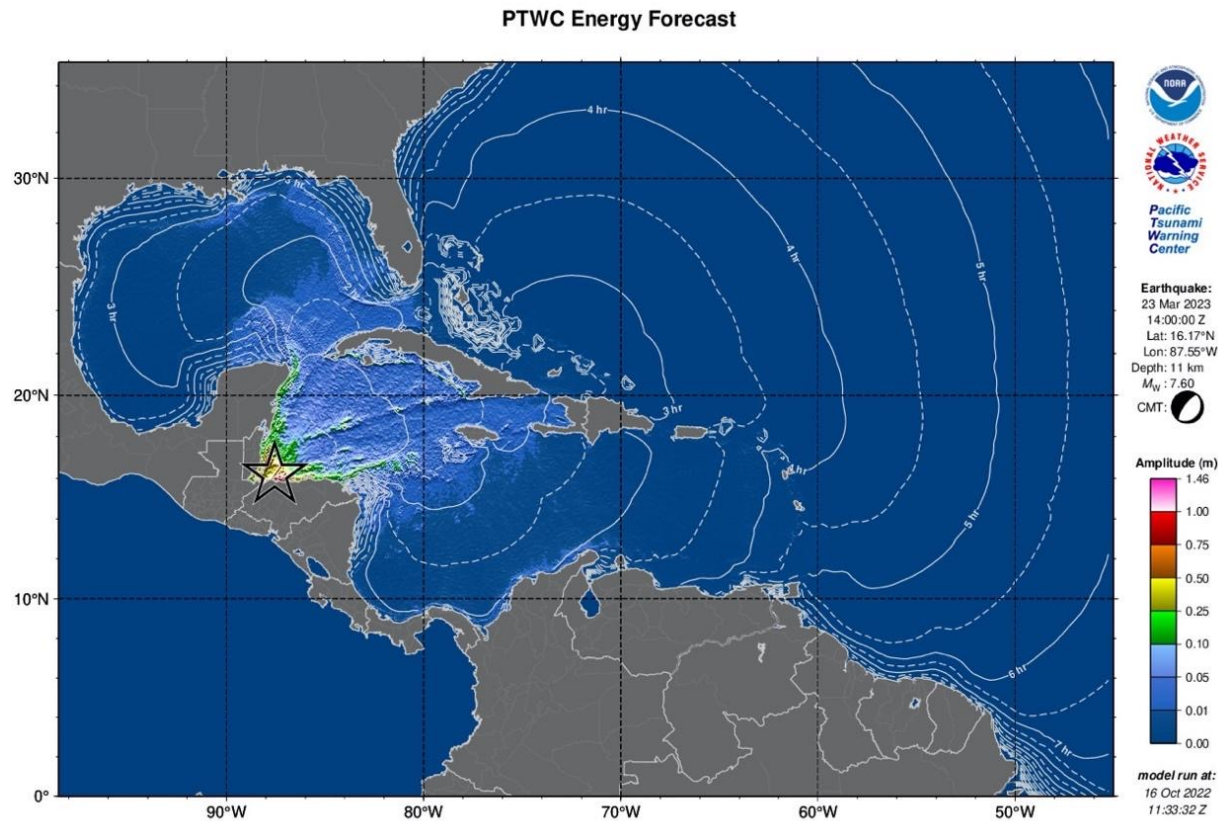
TEST... NEXT UPDATE AND ADDITIONAL INFORMATION ...TEST

- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV.
- * THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.
- * THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

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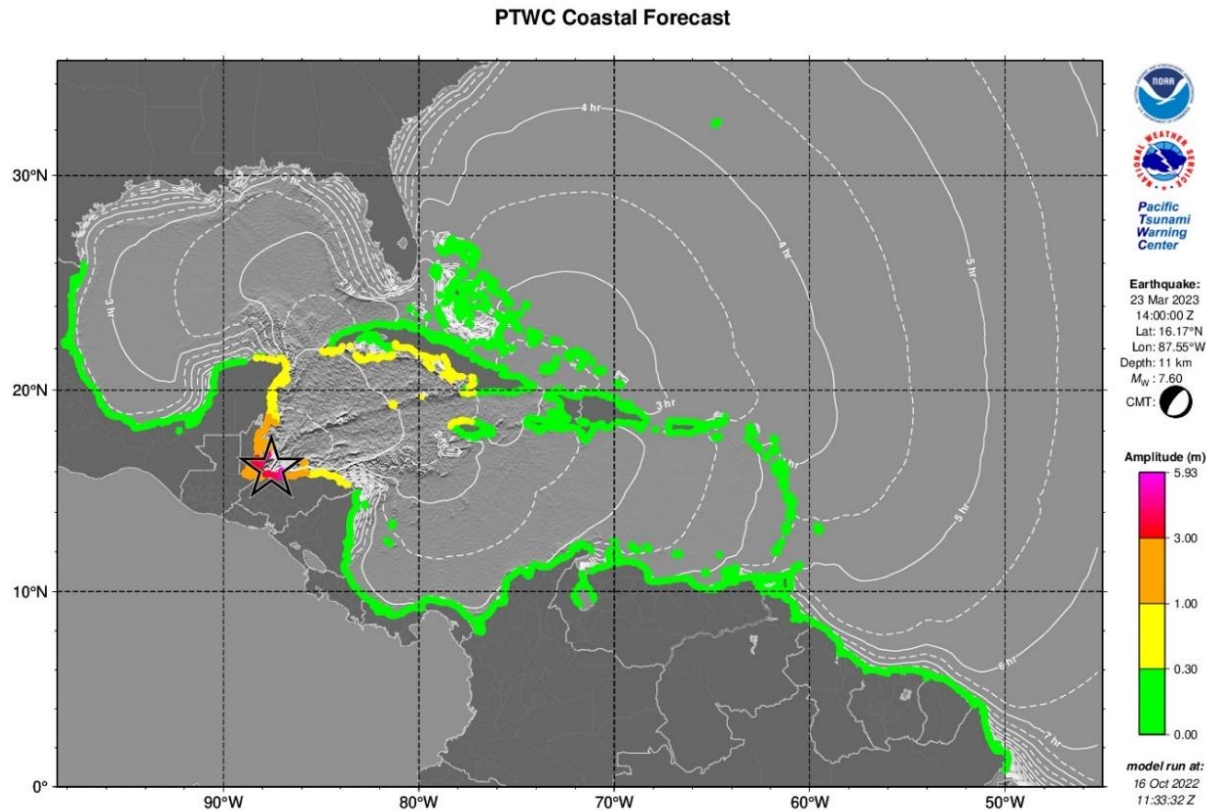
Prévision des hauteurs de vagues Golfe du Honduras



Carte RIFT avec l'amplitude maximale du tsunami basé sur le scénario du Golfe du Honduras.

Lors d'un événement réel, ces produits sont mis à disposition uniquement des points focaux d'alerte aux tsunamis, et des Contacts Nationaux Tsunami officiellement désignés.

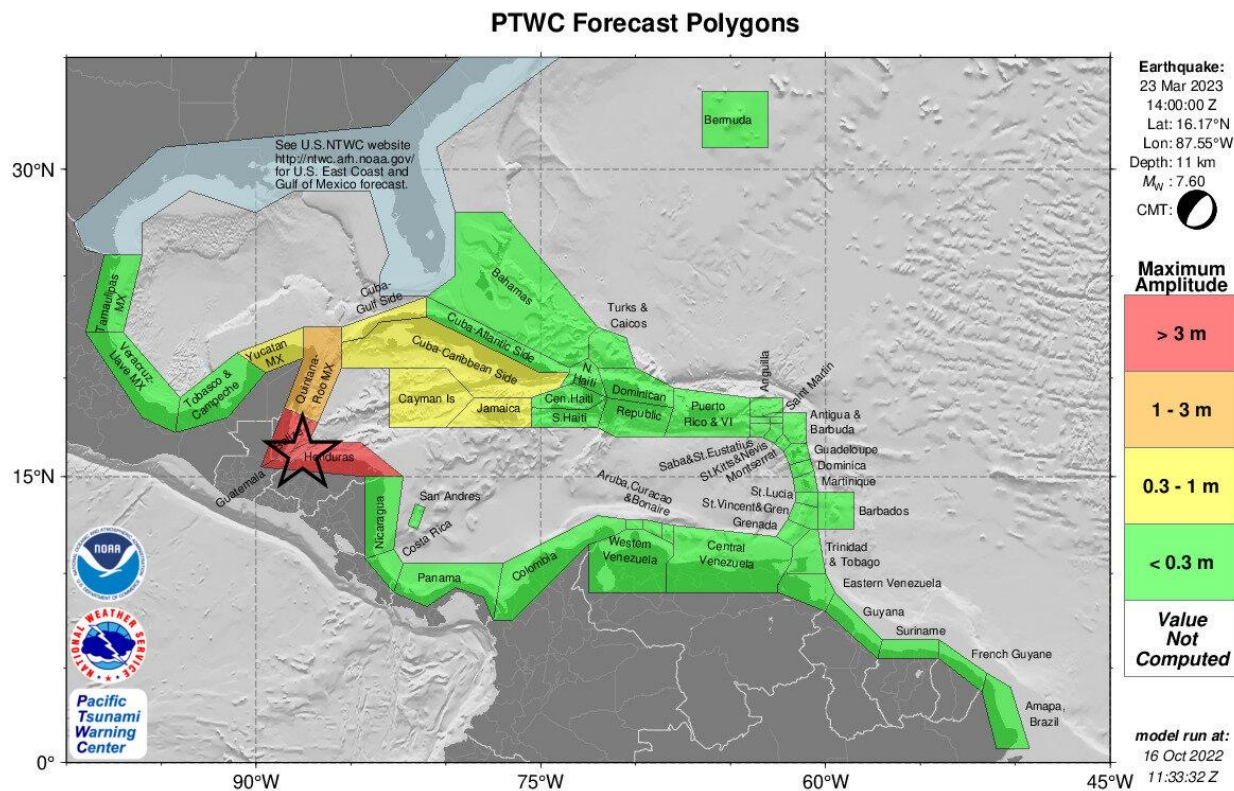
Prévision des hauteurs de vagues Golfe du Honduras



Carte RIFT avec l'amplitude maximale du tsunami basé sur le scénario du Golfe du Honduras.

Lors d'un événement réel, ces produits sont mis à disposition uniquement des points focaux d'alerte aux tsunamis, et des Contacts Nationaux Tsunami officiellement désignés.

Prévision des hauteurs de vagues Golfe du Honduras

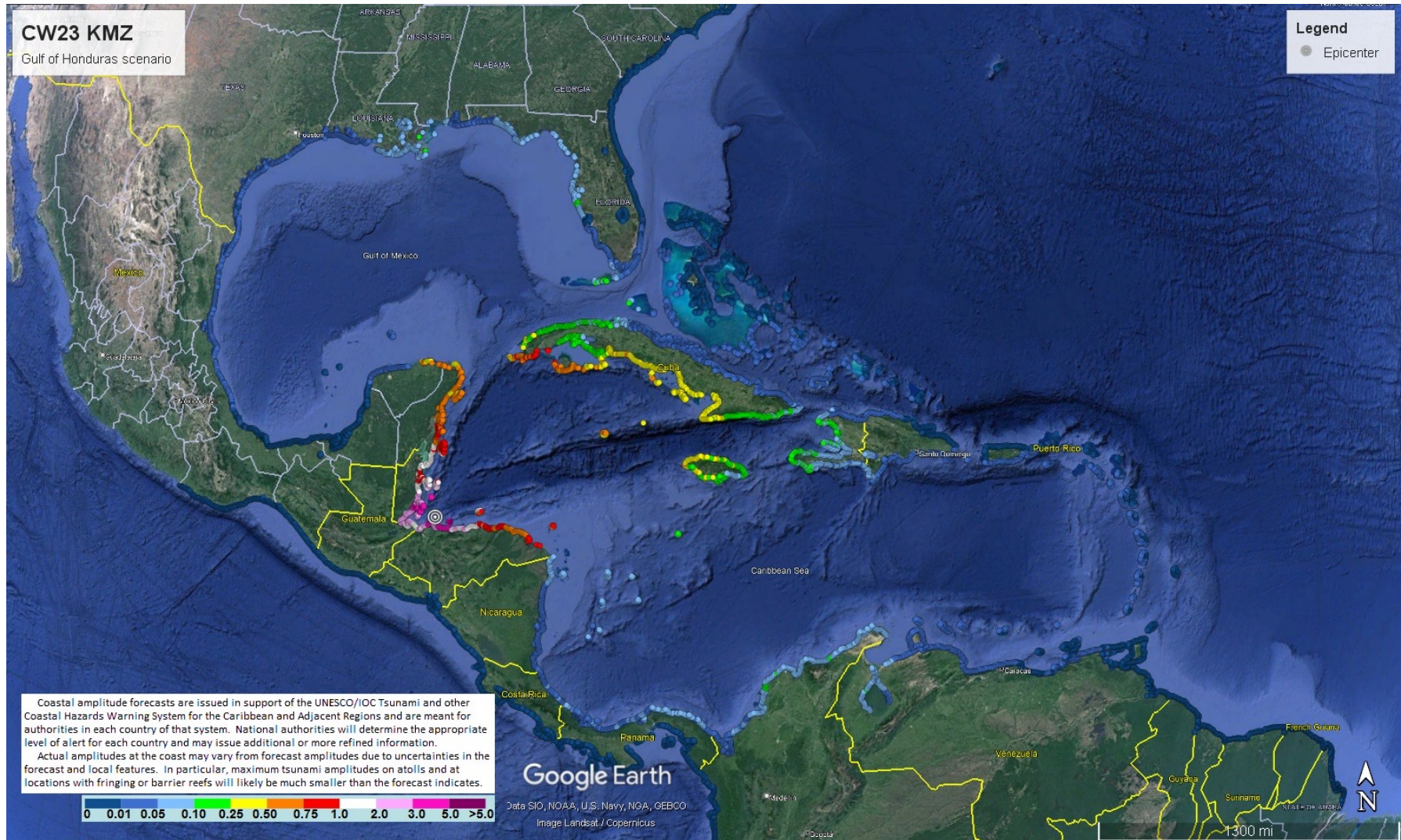


Carte RIFT prévisions de polygone de la région pour sur le scénario du Golfe du Honduras.

Lors d'un événement réel, ces produits sont mis à disposition uniquement des points focaux d'alerte aux tsunamis, et des Contacts Nationaux Tsunami officiellement désignés.

KMZ

Gulfe du Honduras



Statistiques prévisionnelles des polygones régionaux Golfe du Honduras

PTWC TABLE OF FORECAST STATISTICS FOR REGIONAL POLYGONS - RUN ID 20221016113332
(for internal use only - not for distribution)

Earthquake - Origin: 03/23/2023 14:00:00 UTC Coordinates: 16.2N 87.6W Depth: 011km Magnitude: ***

This table is issued for information only in support the UNESCO/IOC Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions and is meant for national authorities in each country of that system. National authorities will determine the appropriate level of alert for each country and may issue additional or more refined information.

Actual amplitudes at the coast may vary from forecast amplitudes due to uncertainties in the forecast and local features. In particular, maximum tsunami amplitudes on small islands will likely be much smaller than the forecast indicates.

Region_Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Caribbean_Coast_of_Honduras	5.9	1.80	1.30	1.30	1.5	0.44	0.33	0.33	150
Belize	4.4	2.00	1.80	0.92	1.3	0.39	0.36	0.21	159
Caribbean_Coast_of_Guatemala	3.5	2.20	2.20	0.35	0.96	0.49	0.42	0.25	35
Quintana_Roo_Mexico	1.3	0.70	0.65	0.19	0.56	0.17	0.15	0.09	186
Caribbean_Coast_of_Cuba	0.90	0.34	0.32	0.19	0.37	0.07	0.05	0.07	457
Cayman_Islands	0.70	0.52	0.55	0.11	0.38	0.18	0.15	0.08	10
Yucatan_Mexico	0.61	0.13	0.02	0.19	0.06	0.02	0.02	0.01	68
Jamaica	0.61	0.22	0.23	0.09	0.17	0.05	0.05	0.04	143
Gulf_of_Mexico_Coast_of_Cuba	0.44	0.16	0.14	0.06	0.12	0.03	0.03	0.01	103
Gulf_of_Gonave_Coast_of_Haiti	0.17	0.10	0.09	0.03	0.06	0.03	0.02	0.01	155
Caribbean_Coast_of_Haiti	0.16	0.07	0.07	0.03	0.06	0.02	0.01	0.01	101
Caribbean_Coast_of_Colombia	0.11	0.06	0.07	0.02	0.03	0.01	0.01	0.00	307
Bahamas	0.10	0.01	0.00	0.01	0.02	0.00	0.00	0.00	1204
Atlantic_Coast_of_Cuba	0.10	0.02	0.02	0.02	0.02	0.00	0.00	0.00	434
Western_Coast_of_Venezuela	0.10	0.04	0.02	0.03	0.01	0.00	0.00	0.00	250
Atlantic_Coast_of_Haiti	0.10	0.04	0.03	0.02	0.03	0.01	0.01	0.00	74
Caribbean_Coast_of_Panama	0.10	0.05	0.05	0.01	0.03	0.01	0.01	0.00	219
Caribbean_Coast_of_Dominican_Republic	0.08	0.03	0.03	0.02	0.02	0.00	0.00	0.00	168
San_Andres_and_Providencia	0.08	0.05	0.05	0.01	0.02	0.01	0.01	0.00	18
Caribbean_Coast_of_Costa_Rica	0.07	0.04	0.04	0.01	0.02	0.01	0.01	0.00	46
Caribbean_Coast_of_Nicaragua	0.05	0.04	0.04	0.01	0.03	0.01	0.01	0.01	147
Bonaire	0.04	0.02	0.02	0.01	0.01	0.00	0.00	0.00	14
Aruba	0.04	0.03	0.03	0.01	0.02	0.01	0.01	0.00	12
Veracruz_Mexico	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	185
Curacao	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	26
Saint_Vincent_and_the_Grenadines	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	25
Turks_and_Caicos_Islands	0.03	0.01	0.01	0.01	0.01	0.00	0.00	0.00	118
Dominica	0.03	0.01	0.01	0.01	0.01	0.00	0.00	0.00	30
Montserrat	0.03	0.02	0.02	0.00	0.01	0.00	0.00	0.00	11
Tamaulipas_Mexico	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00	147
Puerto_Rico_and_Virgin_Islands	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	223
Saint_Lucia	0.03	0.01	0.02	0.01	0.01	0.00	0.00	0.00	28
Guadeloupe	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	67
Atlantic_Coast_of_Dominican_Republic	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	157
Grenada	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	26
Martinique	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	40
Saint_Kitts_and_Nevis	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	28
Tabasco_and_Campeche_Mexico	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	227
Saba_and_Saint_Eustatius	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	5
Central_Coast_of_Venezuela	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	396
Antigua_and-Barbuda	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	32

PTWC Message #7

ZCZC
WECA41 PHEB 231830
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 7...TEST
NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI
1830 UTC THU MAR 23 2023

...THIS MESSAGE IS FOR TEST PURPOSES ONLY...
...TEST FINAL TSUNAMI THREAT MESSAGE TEST...

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

* MAGNITUDE 7.6
* ORIGIN TIME 1400 UTC MAR 23 2023
* COORDINATES 16.1 NORTH 87.5 WEST
* DEPTH 11 KM / 7 MILES
* LOCATION NORTH OF HONDURAS

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.6 OCCURRED NORTH OF HONDURAS AT 1400 UTC ON THURSDAY MARCH 23 2023.

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... THE TSUNAMI THREAT FROM THIS EARTHQUAKE HAS PASSED AND THERE IS NO FURTHER THREAT.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

* THIS IS A TEST MESSAGE. THE TSUNAMI THREAT HAS NOW LARGELY PASSED.

TEST... RECOMMENDED ACTIONS ...TEST

- * THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR ANY IMPACTED COASTAL AREAS SHOULD MONITOR CONDITIONS AT THE COAST TO DETERMINE IF AND WHEN IT IS SAFE TO RESUME NORMAL ACTIVITIES.
- * THIS IS A TEST MESSAGE. PERSONS LOCATED NEAR IMPACTED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM LOCAL AUTHORITIES.
- * THIS IS A TEST MESSAGE. REMAIN OBSERVANT AND EXERCISE NORMAL CAUTION NEAR THE SEA.

TEST... POTENTIAL IMPACTS ...TEST

- * THIS IS A TEST MESSAGE. MINOR SEA LEVEL FLUCTUATIONS UP TO 30 CM ABOVE AND BELOW THE NORMAL TIDE MAY OCCUR IN COASTAL AREAS NEAR THE EARTHQUAKE OVER THE NEXT FEW HOURS.... AND CONTINUING FOR UP TO SEVERAL HOURS.

TEST... TSUNAMI OBSERVATIONS ...TEST

- * THIS IS A TEST MESSAGE. THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH RESPECT TO THE NORMAL TIDE LEVEL.

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE	MAXIMUM TSUNAMI	WAVE PERIOD
	LAT	LO	(UTC)	HEIGHT	(MIN)
LE PRECHEUR MARTINI	14.8N	61.2W	1828	0.02M/	0.1FT 20
TUXPAN MX	21.0N	97.3W	1821	0.03M/	0.1FT 22
DESHAIES GUADELOUPE	16.3N	61.8W	1817	0.02M/	0.1FT 28
CULEBRA IS PR	18.3N	65.3W	1809	0.01M/	0.0FT 14
GRAND ISLE LA	29.3N	90.0W	1806	0.06M/	0.2FT 24
ISABELII VIEQUES PR	18.2N	65.4W	1801	0.01M/	0.0FT 22
ST CROIX VI	17.7N	64.7W	1740	0.01M/	0.0FT 16
YABUCOA PR	18.1N	65.8W	1736	0.02M/	0.1FT 26
MAGUEYES ISLAND PR	18.0N	67.0W	1734	0.02M/	0.1FT 18
ORANGESTAD AW	12.5N	70.0W	1734	0.03M/	0.1FT 24
GUAYANILLA PR	18.0N	66.8W	1723	0.01M/	0.0FT 14
LIMON CR	10.0N	83.0W	1727	0.04M/	0.1FT 26
MONA ISLAND PR	18.1N	67.9W	1716	0.02M/	0.1FT 28
PILOTS STATION LA	28.9N	89.4W	1712	0.08M/	0.3FT 22
PORT AU PRINCE HT	18.5N	72.4W	1710	0.08M/	0.3FT 28
SANTA MARTA CO	11.2N	74.2W	1712	0.08M/	0.3FT 22
BARAHONA DO	18.2N	71.1W	1707	0.02M/	0.1FT 28
PUERTO PLATA DO	19.8N	70.7W	1642	0.01M/	0.0FT 18

PUERTO BARRIOS GT	15.7N	88.6W	1620	0.85M/ 2.8FT	24
PORT OF BELIZE BZ	17.5N	88.2W	1557	0.93M/ 3.0FT	26
ISLA MUJERES MX	21.3N	86.7W	1546	0.55M/ 1.8FT	18
CAYMAN BRAC KY	19.7N	79.8W	1543	0.46M/ 1.5FT	26
LITTLE CAYMAN KY	19.7N	80.1W	1530	0.61M/ 2.0FT	26
GUN BAY KY	19.3N	81.1W	1525	0.56M/ 1.8FT	26
GEORGE TOWN KY	19.3N	81.4W	1516	0.60M/ 2.0FT	20
GEORGE TOWN KY	19.3N	81.4W	1518	0.60M/ 2.0FT	22
PUERTO MORELOS MX	20.9N	86.9W	1514	0.61M/ 2.0FT	22
PUERTO MORELOS MX	20.9N	86.9W	1511	0.61M/ 2.0FT	16
PUERTO MORELOS MX	20.9N	86.9W	1512	0.61M/ 2.0FT	24
SIAN KAAH MX	19.3N	87.4W	1503	0.77M/ 2.5FT	14
CEIBA CABOTAGE HN	15.8N	86.8W	1457	2.16M/ 7.1FT	20
CARRIE BOW CAY BZ	16.8N	88.1W	1427	2.84M/ 9.3FT	24
PUERTO CORTES HN	15.8N	88.0W	1425	2.94M/ 9.7FT	22
ROATAN ISLAND HN	16.3N	86.5W	1419	1.70M/ 5.6FT	16

TEST... NEXT UPDATE AND ADDITIONAL INFORMATION ...TEST

* THIS IS A TEST MESSAGE. THIS WILL BE THE FINAL STATEMENT
ISSUED FOR THIS EVENT UNLESS NEW INFORMATION IS RECEIVED OR
THE SITUATION CHANGES.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE
EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON
THE INTERNET AT EARTHQUAKE.USGS.GOV.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT
MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF
COAST... US EAST COAST... AND THE MARITIME PROVINCES OF
CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER
MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST
MESSAGE.

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Scénario de la Montagne Pelée

Chronologie des Messages par le PTWC

Montagne Pelée

Date	Heur (UTC)	PTWC	
		Type of Produit	Méthode de transmission
3/23/23	1400	- - - - L'effondrement du flanc du volcan se produit - - - -	
3/23/23	1400	Fictif	NWWS, GTS, EMWIN, AISR, Fax, Email
3/23/23	1407	Message Initial de Menace Tsunami #1	Email
3/23/23	1430	Message de Menace Tsunami #2	Email
3/23/23	1500	Message de Menace Tsunami #3	Email
3/23/23	1530	Message de Menace Tsunami #4	Email
3/23/23	1600	Message de Menace Tsunami #5	Email
3/23/23	1630	Message Final de Menace Tsunami #6	Email

PTWC Message #1

ZCZC
WECA41 PHEB 231407
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI
1407 UTC THU MAR 23 2023

...THIS MESSAGE IS FOR THE CARIBE WAVE 23 EXERCISE ONLY...
...TEST TSUNAMI THREAT MESSAGE TEST...

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

TEST... TSUNAMI SOURCE EVENT PARAMETERS ...TEST

* ORIGIN TIME 1352 UTC MAR 23 2023
* COORDINATES 14.8 NORTH 61.2 WEST
* LOCATION MOUNT PELEE VOLCANO... MARTINIQUE

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. THE OBSERVATORY FOR MOUNT PELEE VOLCANO ON MARTINIQUE REPORTS A FLANK COLLAPSE OF THE VOLCANO AROUND 1350 UTC WITH MATERIAL ENTERING THE SEA AROUND 1352 UTC ON THURSDAY MARCH 23 2023.
- * THIS IS A TEST MESSAGE. A TSUNAMI HAS BEEN OBSERVED.
- * THIS IS A TEST MESSAGE. BASED ON THIS INFORMATION... WIDESPREAD HAZARDOUS TSUNAMI WAVES ARE POSSIBLE.
- * THIS IS A TEST MESSAGE. IT IS NOT POSSIBLE TO FORECAST TSUNAMI IMPACTS FROM THIS EVENT BUT THIS CENTER WILL CONTINUE TO MONITOR AND REPORT TSUNAMI OBSERVATIONS UNTIL IT APPEARS THE THREAT HAS PASSED.

TEST... TSUNAMI THREAT FORECAST ...TEST

- * THIS IS A TEST MESSAGE. HAZARDOUS TSUNAMI WAVES FROM THIS EVENT ARE POSSIBLE WITHIN THE NEXT THREE HOURS ALONG SOME COASTS OF

DOMINICA... MARTINIQUE... SAINT LUCIA... GUADELOUPE...
SAINT VINCENT... MONTSERRAT... BARBADOS... SAINT KITTS...
SINT EUSTATIUS... GRENADA... SABA... US VIRGIN IS...
ANTIGUA... BARBUDA... SINT MAARTEN... ANGUILLA... TRINIDAD
TOBAGO... BONAIRE... BR VIRGIN IS... PUERTO RICO... SAINT
MARTIN... SAINT BARTHELEMY... DOMINICAN REP...
VENEZUELA... ARUBA... CURACAO... HAITI... TURKS N
CAICOS... BAHAMAS... CUBA... COLOMBIA... BERMUDA...
PANAMA... CAYMAN ISLANDS AND JAMAICA

TEST... RECOMMENDED ACTIONS ...TEST

- * THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.
- * THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

TEST... ESTIMATED TIMES OF ARRIVAL ...TEST

- * THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THE REGION IDENTIFIED WITH A POTENTIAL TSUNAMI THREAT. ACTUAL ARRIVAL TIMES MAY DIFFER, AND THE INITIAL WAVE MAY NOT BE THE LARGEST, NOR MAY A TSUNAMI BE OBSERVED IN ALL THESE LOCATIONS. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	REGION	COORDINATES		ETA(UTC)
ROSEAU	DOMINICA	15.3N	61.4W	1401 03/23
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1403 03/23
CASTRIES	SAINT LUCIA	14.0N	61.0W	1403 03/23
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1411 03/23
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1417 03/23
PLYMOUTH	MONTSERRAT	16.7N	62.2W	1423 03/23
BRIDGETOWN	BARBADOS	13.1N	59.6W	1432 03/23
BASSETERRE	SAINT KITTS	17.3N	62.7W	1435 03/23
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1444 03/23
SAINT GEORGES	GRENADA	12.0N	61.8W	1444 03/23
SABA	SABA	17.6N	63.2W	1446 03/23

CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1446	03/23
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1500	03/23
PALMETTO POINT	BARBUDA	17.6N	61.9W	1502	03/23
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1503	03/23
THE VALLEY	ANGUILLA	18.3N	63.1W	1511	03/23
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	1512	03/23
ONIMA	BONAIRE	12.3N	68.3W	1512	03/23
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1515	03/23
SAN JUAN	PUERTO RICO	18.5N	66.1W	1516	03/23
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1518	03/23
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1522	03/23
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1522	03/23
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1529	03/23
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1531	03/23
MAIQUETIA	VENEZUELA	10.6N	67.0W	1533	03/23
ORANJESTAD	ARUBA	12.5N	70.0W	1533	03/23
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1534	03/23
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1535	03/23
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1541	03/23
CUMANA	VENEZUELA	10.5N	64.2W	1542	03/23
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1545	03/23
WILLEMSTAD	CURACAO	12.1N	68.9W	1547	03/23
JACAMEL	HAITI	18.1N	72.5W	1548	03/23
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1553	03/23
CAP HAITEN	HAITI	19.8N	72.2W	1601	03/23
PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	1604	03/23
MAYAGUANA	BAHAMAS	22.3N	73.0W	1608	03/23
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1610	03/23
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1617	03/23
BARACOA	CUBA	20.4N	74.5W	1621	03/23
SANTA MARTA	COLOMBIA	11.2N	74.2W	1622	03/23
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1622	03/23
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1623	03/23
JEREMIE	HAITI	18.6N	74.1W	1624	03/23
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1631	03/23
LONG ISLAND	BAHAMAS	23.3N	75.1W	1632	03/23
ESSO PIER	BERMUDA	32.4N	64.7W	1637	03/23
CARTAGENA	COLOMBIA	10.4N	75.6W	1638	03/23
GIBARA	CUBA	21.1N	76.1W	1638	03/23
EXUMA	BAHAMAS	23.6N	75.9W	1640	03/23
CAT ISLAND	BAHAMAS	24.4N	75.5W	1641	03/23
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1642	03/23
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1646	03/23
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1647	03/23
RIOHACHA	COLOMBIA	11.6N	72.9W	1650	03/23
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1655	03/23
ALIGANDI	PANAMA	9.2N	78.0W	1659	03/23
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1700	03/23
KINGSTON	JAMAICA	17.9N	76.9W	1704	03/23
PUERTO CARRETO	PANAMA	8.8N	77.6W	1706	03/23

TEST... POTENTIAL IMPACTS ...TEST

-
- * THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.
 - * THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.
 - * THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.
 - * THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

TEST... TSUNAMI OBSERVATIONS ...TEST

-
- * THIS IS A TEST MESSAGE. THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH RESPECT TO THE NORMAL TIDE LEVEL.

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD
	LAT	LON	(UTC)		(MIN)
LE PRECHEUR MARTINI	14.8N	61.2W	1357	7.81M/25.6FT	16

TEST... NEXT UPDATE AND ADDITIONAL INFORMATION ...TEST

-
- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
 - * THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.
 - * THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

PTWC Message #8

ZCZC
WECA41 PHEB 231630
TSUCAX
TEST...TSUNAMI MESSAGE NUMBER 6...TEST
NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI
1630 UTC THU MAR 23 2023

...THIS MESSAGE IS FOR THE CARIBE WAVE 23 EXERCISE ONLY...
...TEST FINAL TSUNAMI THREAT MESSAGE TEST...

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

TEST... TSUNAMI SOURCE EVENT PARAMETERS ...TEST

* ORIGIN TIME 1352 UTC MAR 23 2023
* COORDINATES 14.8 NORTH 61.2 WEST
* LOCATION MOUNT PELEE VOLCANO... MARTINIQUE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. THE OBSERVATORY FOR MOUNT PELEE VOLCANO ON MARTINIQUE REPORTS A FLANK COLLAPSE OF THE VOLCANO AROUND 1350 UTC WITH MATERIAL ENTERING THE SEA AROUND 1352 UTC ON THURSDAY MARCH 23 2023.

* THIS IS A TEST MESSAGE. A SIGNIFICANT TSUNAMI WAS OBSERVED.

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... THE TSUNAMI THREAT FROM THIS VOLCANIC EVENT HAS NOW PASSED AND THERE IS NO FURTHER THREAT.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

* THIS IS A TEST MESSAGE. THE TSUNAMI THREAT HAS NOW LARGELY PASSED.

TEST... RECOMMENDED ACTIONS ...TEST

- * THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR ANY IMPACTED COASTAL AREAS SHOULD MONITOR CONDITIONS AT THE COAST TO DETERMINE IF AND WHEN IT IS SAFE TO RESUME NORMAL ACTIVITIES.
- * THIS IS A TEST MESSAGE. PERSONS LOCATED NEAR IMPACTED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM LOCAL AUTHORITIES.
- * THIS IS A TEST MESSAGE. REMAIN OBSERVANT AND EXERCISE NORMAL CAUTION NEAR THE SEA.

TEST... POTENTIAL IMPACTS ...TEST

- * THIS IS A TEST MESSAGE. MINOR SEA LEVEL FLUCTUATIONS UP TO 30 CM ABOVE AND BELOW THE NORMAL TIDE MAY OCCUR IN SOME COASTAL AREAS OVER THE NEXT FEW HOURS... CONTINUING FOR UP TO SEVERAL HOURS.

TEST... TSUNAMI OBSERVATIONS ...TEST

- * THIS IS A TEST MESSAGE. THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH RESPECT TO THE NORMAL TIDE LEVEL.

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT		WAVE PERIOD (MIN)
	LAT	LON		TSUNAMI	HEIGHT	
TORTOLA VI UK	18.4N	64.6W	1628	0.30M/	1.0FT	26
CAP HAITIEN HT	19.8N	72.2W	1608	0.03M/	0.1FT	24
PUERTO PLATA DO	19.8N	70.7W	1559	0.04M/	0.1FT	18
CULEBRA IS PR	18.3N	65.3W	1551	0.31M/	1.0FT	14
BARAHONA DO	18.2N	71.1W	1544	0.31M/	1.0FT	18
CHARLOTTE-AMALIE VI	18.3N	64.9W	1541	0.33M/	1.1FT	24
ORANGESTAD AW	12.5N	70.0W	1544	0.44M/	1.5FT	26
LAMESHURBAYSTJOHNVI	18.3N	64.7W	1541	0.09M/	0.3FT	22
BLOWING POINT AI	18.2N	63.1W	1538	0.51M/	1.7FT	22
BULLEN BAY CURACAO	12.2N	69.0W	1537	0.37M/	1.2FT	26
SALINAS PR	17.9N	66.2W	1531	0.47M/	1.5FT	16
PUNTA CANA DO	18.5N	68.4W	1532	0.43M/	1.4FT	22
SAINT MARTIN FR	18.1N	63.1W	1530	0.57M/	1.9FT	26
ARECIBO PR	18.5N	66.7W	1530	0.16M/	0.5FT	22

MAYAGUEZ PR	18.2N	67.2W	1525	0.21M/ 0.7FT	18
SAN JUAN PR	18.5N	66.1W	1528	0.10M/ 0.3FT	28
MAGUEYES ISLAND PR	18.0N	67.0W	1527	0.67M/ 2.2FT	24
ISABELII VIEQUES PR	18.2N	65.4W	1519	0.26M/ 0.9FT	14
MONA ISLAND PR	18.1N	67.9W	1524	0.38M/ 1.3FT	26
BARBUDA AG	17.6N	61.8W	1520	0.46M/ 1.5FT	28
SCARBOROUGH TT	11.2N	60.7W	1514	0.24M/ 0.8FT	28
DART 42407	15.3N	68.2W	1509	0.07M/ 0.2FT	22
ESPERANZA VIEQUES P	18.1N	65.5W	1508	0.60M/ 2.0FT	16
GUAYANILLA PR	18.0N	66.8W	1508	0.74M/ 2.4FT	28
YABUCA PR	18.1N	65.8W	1511	0.78M/ 2.5FT	22
LIMETREE VI	17.7N	64.8W	1502	0.68M/ 2.2FT	28
ST CROIX VI	17.7N	64.7W	1455	0.47M/ 1.6FT	16
PRICKLEY BAY GD	12.0N	61.8W	1454	1.14M/ 3.7FT	18
PARHAM AT	17.1N	61.8W	1449	0.42M/ 1.4FT	20
BASSETERRE KN	17.3N	62.7W	1441	0.97M/ 3.2FT	24
PORT ST CHARLES BB	13.3N	59.6W	1443	0.72M/ 2.4FT	26
SOUFRIERE ST LUCIA	13.9N	61.1W	1438	1.72M/ 5.6FT	18
GANTERS BAY ST LUCI	14.0N	61.0W	1438	2.09M/ 6.9FT	26
VIEUX FORT ST LUCIA	13.7N	61.0W	1431	0.93M/ 3.0FT	26
POINT A PITRE GP	16.2N	61.5W	1436	0.76M/ 2.5FT	26
CALLIAQUA VC	13.1N	61.2W	1433	0.66M/ 2.2FT	20
DESIKRADE GUADELOUPE	16.3N	61.1W	1433	0.56M/ 1.9FT	22
LE ROBERT MARTINIQUE	14.7N	60.9W	1428	1.07M/ 3.5FT	22
DESHAIES GUADELOUPE	16.3N	61.8W	1425	0.97M/ 3.2FT	16
DENNERY ST LUCIA LC	13.9N	60.9W	1424	0.82M/ 2.7FT	24
CHATEAUBELAIR VC	13.3N	61.2W	1426	1.62M/ 5.3FT	14
PORTSMOUTH DM	15.6N	61.5W	1419	1.24M/ 4.1FT	20
FORT DE FRANCE MQ	14.6N	61.1W	1408	4.41M/14.5FT	24
ROSEAU DM	15.3N	61.4W	1411	1.96M/ 6.4FT	22
LE PRECHEUR MARTINI	14.8N	61.2W	1357	7.81M/25.6FT	16

TEST... NEXT UPDATE AND ADDITIONAL INFORMATION ...TEST

- * THIS IS A TEST MESSAGE. THIS WILL BE THE FINAL STATEMENT ISSUED FOR THIS EVENT UNLESS NEW INFORMATION IS RECEIVED OR THE SITUATION CHANGES.
- * THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.
- * THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

\$\$

NNNN

Central American Tsunami Advisory Center CATAC



Participation à CW 2023 – produits tsunami pour les pays d'Amérique centrale

1. SMS en espagnol

- Format similaire à PTWC
- Utilisation des heures locales:
1) d'Amérique centrale; 2) Panama

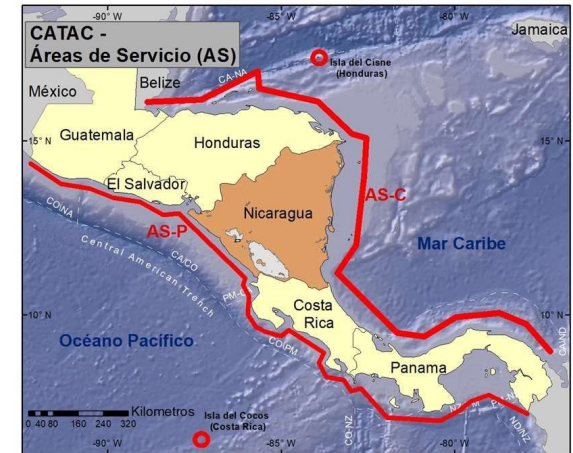
2. SMS en anglais

- Format PTWC
- Utilisation de l'UT

3. Produits graphiques (SeisComP TOAST)

- Prédiction des amplitudes aux marégraphes
- Amplitudes aux zones côtières

4. Film sur la propagation du tsunami (MPG3)



CATAC – Les domaines de responsabilité



CATAC – Domaines de surveillance

Central American Tsunami Advisory Center CATAC



Participation à CW 2023 – produits tsunami pour les pays d'Amérique centrale

Modes de diffusion:

1. SMS en espagnol: e-mail

2. SMS en anglais: e-mail

3. Produits graphiques: e-mail, page Web CATAC

Participation des Etats Membres

Inscription sur Tsunami Zone

L'enregistrement sur TsunamiZone est utilisé pour suivre le nombre de personnes et d'organisations participant à l'exercice.

The screenshot shows the TsunamiZone website. At the top is a navigation bar with links: Page d'accueil, Régions du TsunamiZone, Autres langues, Contactez-nous, Recherche, and Connexion. Below this is a large banner image of a coastal landscape with a person running. The website title 'The TsunamiZone' is visible. A red box highlights the 'Inscrivez-vous ici' link. Below the navigation bar, there are tabs for 'Participants' and 'Caribe Wave au français'. The main content area is divided into two columns. The left column has a header 'BIENVENUE SUR TSUNAMIZONE !' and language options 'ENGLISH | ESPAÑOL'. It contains a paragraph about tsunami preparedness and a section titled 'Inscrivez-vous à l'exercice CARIBE WAVE 23'. The right column is titled 'ACTIVÉTÉS OFFICIELLES 2023' and lists events: '23 Mars CARIBE WAVE', '27-31 Mars Californie', and '5 de Novembre Journée mondiale de sensibilisation aux tsunamis'. It also includes the hashtag '#TsunamiPrep' and a section 'Partagez votre Activités' with a link to share photos, videos, and stories.

Page d'accueil Régions du TsunamiZone Autres langues Contactez-nous Recherche Connexion

The TsunamiZone

Inscrivez-vous ici Participants Caribe Wave au français

BIENVENUE SUR TSUNAMIZONE !

ENGLISH | ESPAÑOL

Chacun, d'où qu'il soit, devrait savoir comment se préparer au risque de tsunami et quoi faire pour se mettre en sécurité. Cela concerne aussi bien les personnes qui habitent et/ou travaillent sur la littorale que celles qui y transitent ou y séjournent temporairement.

Inscrivez-vous à l'exercice CARIBE WAVE 23 pour faire partie des nombreuses personnes et organisations qui partout à travers le monde participent à des activités de préparation aux tsunamis !

SE BAISSER! S'ABRITER! ET S'AGRIPPER! Protégez-vous pendant les tremblements de terre.

ALLER À TERRE ÉLEVÉE OU À L'INTÉRIEUR DES TERRES La secousse est votre alerte de tsunami.

RESTER LA! Les vagues de tsunamis peuvent arriver pendant des heures.

ACTIVÉTÉS OFFICIELLES 2023

23 Mars [CARIBE WAVE](#)

27-31 Mars [Californie](#)

5 de Novembre [Journée mondiale de sensibilisation aux tsunamis](#)

#TsunamiPrep

Partagez votre Activités
Vos photos, vidéos, et histoires.../span>

Les TWFP et NTWC doivent s'inscrire sur TsunamiZone pour faire partie du décompte statistique. Indépendamment de leur inscription, ils recevront les bulletins simulés de PTWC.

The TsunamiZone

[Inscrivez-vous ici!](#)[Participants](#)[Caribe Wave au français](#)

BIENVENUE SUR TSUNAMIZONE !

[ENGLISH](#) | [ESPAÑOL](#)

Chacun, d'où qu'il soit, devrait savoir comment se préparer au risque de tsunami et quoi faire pour se mettre en sécurité. Cela concerne aussi bien les personnes qui habitent et/ou travaillent sur la littorale que celles qui y transitent ou y séjournent temporairement.

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ACTIVETÉS OFFICIELLES 2023

23 Mars
[CARIBE WAVE](#)

27-31 Mars
[Californie](#)

5 de Novembre
[Journée mondiale de sensibilisation aux tsunamis](#)

#TsunamiPrep

[Partagez votre Activités](#)
Vos photos, videos, et histoires.../span>

<https://www.tsunamizone.org/>

Les pays peuvent visualiser les participants enregistrés en cliquant sur
« Who is Participating »



2023 CARIBBEAN TOTAUX RELATIFS À LA PARTICIPATION

17 565 participants sont inscrits aux 2023 exercices de la TsunamiZone (à partir du 01/25/2023 11:30 AM PST).

Catégorie	Participants	Totaux relatifs à la participation pour chaque zone	Total
Particuliers/Familles	356		
Centres de la petite enfance et prématernelles	223	Anguilla	0
Écoles et commissions scolaires	9 758	Antigua and Barbuda	0
Organismes jeunesse	100	Aruba	55
Collèges et universités	225	Bahamas	0
Premières nations	0	Barbados	109
Gouvernement fédéral	550	Belize	0
Gouvernement provincial	959	Bermuda	212
Municipalités	1 195	Bonaire	0
Organismes communautaires	30	Brazil	10
Entreprises	526	British Virgin Islands	14
Hôtels et autres logements	110	Cayman Islands	41
Soins de santé	2 202	Colombia	3
Résidences pour aînés	132	Costa Rica	0
Organismes représentant les personnes handicapées	5	Cuba	0
Organismes à but non-lucratif	326	Curacao	118
Sécurité civile	156	Dominica	0
Organismes religieux	0	Dominican Republic	45
Musées, bibliothèques, parcs, etc.	0	France	0
Organismes de charité	0	Grenada	75
Refuges pour animaux	0	Guadeloupe	57
Agriculture/Aquaculture	27	Guatemala	0
Groupes de radioamateurs	198	Guyana	0
Firmes spécialisées en sciences ou en génie	192	Guyane	0
Médias	23	Haiti	107
Autre	272		

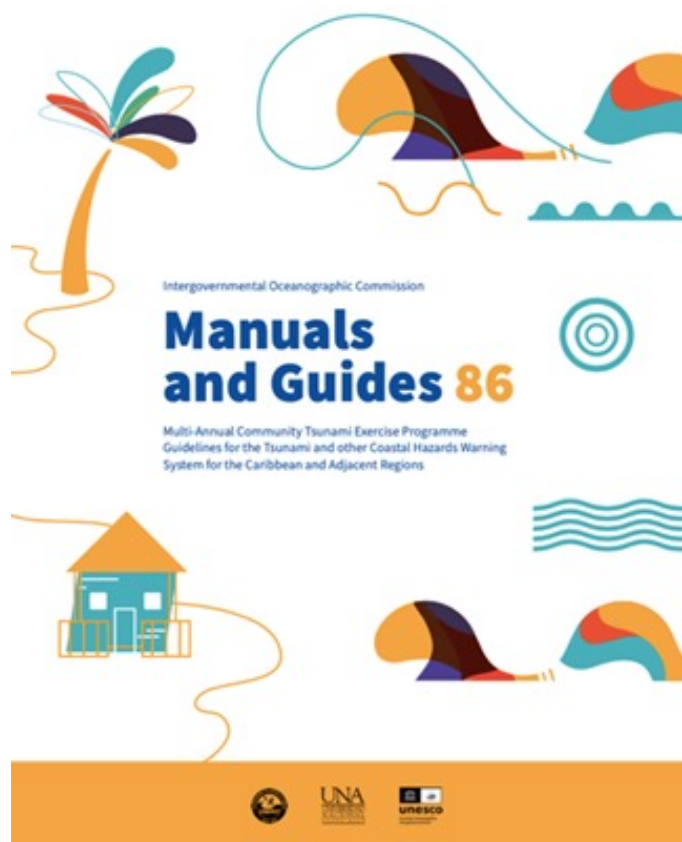
Au 25 janvier 2023, 17,565 participants se sont inscrits sur le site.

Ressources disponibles en caribewave.org

- Manuel et guides 86 : Directives du programme d'exercices communautaires pluriannuels contre les tsunamis pour le système d'alerte aux tsunamis et autres risques côtiers pour les Caraïbes et les régions adjacentes
- PTWC Enhanced Products and Staging pour les Caraïbes et le Pacifique, Anglais
- Manuels de la COI “Comment planifier, mener et évaluer les exercices de tsunami” et “Module sur l'exercice de Tsunami” qui seront également des ressources utiles. (Anglais, Espagnol).
- Manuel CARIBE WAVE 2011-2023
- Rapport final CARIBE WAVE 2013-2022
- Plan de Communication du PTWC pour les Caraïbes.

Les questions sur l'exercice peuvent être adressées aux membres du Groupe de Travail CARIBE WAVE 23.

Manuel et guides 86 : Directives du programme d'exercices communautaires pluriannuels contre les tsunamis pour le système d'alerte aux tsunamis et autres risques côtiers pour les Caraïbes et les régions adjacentes



- Ce guide est recommandé aux États Membres pour qu'ils envisagent les exercices Caribe Wave.
- Il fournit aux responsables communautaires une méthodologie et des outils pour mener et évaluer un exercice tsunami d'évacuation.
- Il est particulièrement pertinent pour les institutions qui seraient directement exposées aux effets d'un tsunami, comme les autorités locales, les écoles, les associations et les entreprises.
- Ce guide vise à promouvoir une culture d'exercice partagée afin de développer entre les autorités municipales chargées d'assurer la sécurité des habitants de leur quartier et les responsables communautaires - acteurs de la vie sociale et économique du territoire.
- Publié sur <https://unesdoc.unesco.org/ark:/48223/pf0000380540.locale=en>

COVID-19 Considérations

- Notez que la distance sociale / physique et les mesures d'isolement / confinement peuvent toujours être en vigueur
- Les États membres sont encouragés à envisager des événements ou des activités en ligne / virtuels pour faire participer le public
- La participation du public n'a pas besoin d'être une évacuation réelle, encouragez les gens à vérifier leur plan d'urgence / routes d'évacuation / fournitures du tsunami et s'inscrire sur tsunamizone.org
- Consultez les directives CARIBE EWS pour les tsunamis - http://www.ioc-tsunami.org/index.php?option=com_oa&task=viewDocumentRecord&docID=26796

UNESCO/IOC

ICG/CARIBE EWS

Tsunami Services and Evacuation/Sheltering Considering Physical Distancing Practices

Context

The current COVID-19 response has required changes in workloads, work venues as well as physical distancing practices worldwide. This may create ambiguity or confusion with regards to warning services and tsunami response actions, like evacuation, and the implementation of national response plans. This document clarifies the status of the regional tsunami services, as well as suggests best practices for local and national actions.

Regional Tsunami Services

The Pacific Tsunami Warning Center, as the UNESCO IOC CARIBE EWS Tsunami Service Provider (TSP), continues to operate 24 x 7 to provide tsunami services to the Caribbean and Adjacent Regions according to the [CARIBE EWS Users Guide](#).

In the case that operations were affected, a communication will be issued to its stakeholders, including the CARIBE EWS Tsunami Warning Focal Points (TWFP) and National Tsunami Warning Centers (NTWC). In such circumstances alternative arrangements for regional warning services would be put in place as much as feasible.

Coordination is also maintained with the Caribbean Tsunami Warning Program (CTWP), the Caribbean Tsunami Information Center (CTIC) and the Central American Tsunami Advisory Centre (CATAC).

It is important to reiterate that each country is solely responsible for the safety of its own population from tsunami hazards. The country's NTWC or Emergency Management Agency (EMA) is the authority for issuing a tsunami warning for any or all of its coasts, as the CARIBE EWS TSP information is only advisory.

It is also important to recall that for the case of local tsunamis the natural tsunami warning signals should be the trigger for immediate self-evacuation. Persons along low-lying coasts should self-evacuate and not wait for their National Tsunami Warning Center to issue a tsunami warning.

National and Local Tsunami Services and Evacuation/Sheltering Best Practices during COVID-19

1. 24/7 arrangements of the national agencies to provide timely warnings to the local and national authorities, media and the public, when their action is required.
2. When the NTWC and/or the Emergency Management Agency issues a tsunami warning, the desired action for the public is to evacuate from at-risk locations.
3. The public needs to continue to use natural warning signs for tsunamis as cues for response, i.e. if people are near the coast and experience any of a tsunami's natural warning signs, they should quickly leave at-risk locations and move inland or to higher ground. The natural tsunami warning signs are strong or long ground shaking (from an earthquake), a sudden change of the sea level or a loud roar from the sea (from a tsunami).
4. Immediate life-safety is the priority when evacuations are directed. It is important that the public understands that AN EVACUATION ORDER TAKES PRIORITY OVER THE STAY-AT-HOME

Autres informations

- Des outils additionnels seront placés sur les pages de ITIC-CAR (www.caribewave.org).
- Envoyer à christa.vonh@noaa.gov les liens vers les sites internet de chaque pays afin d'être inclus sur les pages du ITIC-CAR.
- Cette présentation est disponible sur le site Web du ITIC-CAR.
- L'utilisation des hashtags #CARIBEWAVE et #TSUNAMIREADY est encouragée avant et pendant l'exercice.
- Vidéo CARIBE WAVE (disponible sur le site web de ITIC-CAR)

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Chronologie

ACTION	CHRONOLOGIE
Lettre circulaire envoyée par la COI aux États Membres	✓ Novembre 2022
Brouillon du manuel distribué entre le ICG CARIBE EWS, TWFP/NTWC contacts et le TT CARIBE WAVE 23	✓ Décembre 2022
Date limite pour les commentaires	✓ Décembre 2022
Manuel d'exercice disponible en ligne	✓ Janvier 2023
1er Webinaire CW (Présentation général, produits PTWC, enregistrement)	✓ 24 Janvier 2023 - Anglais ✓ 25 Janvier 2023 - Espagnol 26 Janvier 2023 - Français
2e Webinaire CW (Mise à jour, méthodes de communication, inscription, questionnaire, téléchargement de photos/vidéos)	21 Février 2023 - Anglais 22 Février 2023 - Espagnol 23 Février 2023 - Français
Les pays indiquent le scénario sélectionné	10 Mars 2023
Exercice	23 Mars 2023
Hot-Wash	4 Avril 2023
Envoi des rapports d'évaluation de l'exercice	13 Avril 2023
Projet de Rapport Final CARIBE WAVE 23 24 Avril 2023	

Deuxième webinaire

- Le deuxième webinaire en française aura lieu le
23 février 2023
- On soulignera les points suivants:
 - Mises à jour de l'exercice
 - Méthodes de communication
 - Inscription
 - Questionnaire post-exercice
 - Médias (téléchargement de photos/vidéos)
- Lien vers le webinaire,
https://meet.goto.com/ITIC/cw23_french_webinar2

Questions, Commentaires

Merci de votre participation

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