



Primer seminario en línea

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25 de enero de 2022

CARIBE WAVE 2022

CARIBE WAVE 22 se llevó a cabo el 10 marzo 2022. Teniendo en cuenta la pandemia de COVID-19, cada Estado Miembros y Territorios determinó su nivel de participación.

En el Caribe y Regiones Adyacentes, **48** Estados Miembros y Territorios participaron en este ejercicio con un total de **413,000** personas involucradas.

- La participación de los Países Miembros representa una tasa de **100%** (frente al 98% del 2021).



PTWC (a)



Mexico (b)

Objetivos para CARIBE WAVE 23

1. Evaluar y ejercitar las comunicaciones entre el Proveedor Regional de Servicios de Tsunami y los Estados/Territorios Miembros.

- A. Validar la **emisión** de productos de tsunami del PTWC y CATAC
- B. Validar la **recepción** de los productos de tsunami en los puntos focales de alerta del CARIBE-EWS (TWFP) y/o el Centro Nacional de Alerta de Tsunami (NTWC).

2. Evaluar los procedimientos y programas de tsunami dentro de los Estados/Territorios Miembros.

- A. Validar la **preparación** para responder a un tsunami.
- B. Validar la **preparación operacional** de los TWFPs/NTWCs (o como función) y/o la Oficina Nacional de Manejo de Desastres (NDMO).
- C. Mejorar la **preparación operacional**. Antes del ejercicio, asegurar que se hayan desarrollado las herramientas y los planes de respuesta adecuados, incluidos los materiales de educación pública.
- D. Validar que la difusión de advertencias e información/asesoramiento por parte de los TWFPs y NTWCs a las agencias pertinentes del país y al público, sea precisa y oportuna.
- E. Evaluar el estado de la implementación del programa UNESCO/IOC **Tsunami Ready**.

3. Evaluar productos volcánicos.

- A. Evaluar los procedimientos y productos propuestos por PTWC CARIBE-EWS para eventos volcánicos.
- B. Evaluar los aportes y procedimientos de las agencias responsables del monitoreo de volcanes.
- C. Evaluar los planes de respuesta de los Estados Miembros y Territorios para crisis volcánicas.

Metas

Meta	2016 Resultado	2017 Resultado	2018 Resultado	2019 Resultado	2020 Resultado	2021 Resultado	2022 Resultado	2023 Métrica
Recibo de los mensajes “dummy” al TWFP	84%	95%	100%	89%	97%	97%	91%	100%
Participación de los países miembros del ICG CARIBE EWS - con Punto Focal de Alerto de Tsunami designado	100%	100%	97%	100%	92%	98%	100%	100%
Participación de la comunidad (más allá del TWFP)	73%	82%	77%	66%	38%	56%	43%	95%
Número de personas registradas	332,812	679,985	643,403	793,353	4,622	333,518	413,281	+10%
Países que enviaron el cuestionario del ejercicio	100%	100%	91%	82%	92%	95%	100%	100%
Satisfacción de los Miembros de Estado y territorios con el ejercicio				82%	76%	96%	88%	100%

Nuevo: CARIBE WAVE Sitio Web!

<http://caribewave.org>

UNESCO IOC IOC Tsunami NOAA US Tsunami NOAA Tsunami

ITIC International Tsunami Information Center

Home > Intergovernmental > Tsunami Exercises > International

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- 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 Caribbean

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

UNESCO IOC NOAA

IOC Tsunami Information Centres

ITIC CTIC

ITOTIC NEAMTIC

ITIC CARIBBEAN OFFICE (ITIC-CAR)

Quick Links

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Resources

Tsunami Ready

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

Enlace

UNESCO IOC IOC Tsunami NOAA US Tsunami NOAA Tsunami

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- 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

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

Preparing for tsunami risk in the Caribbean

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UNESCO IOC NOAA

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Tsunami Ready

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Preparing communities to be ready for the next tsunami

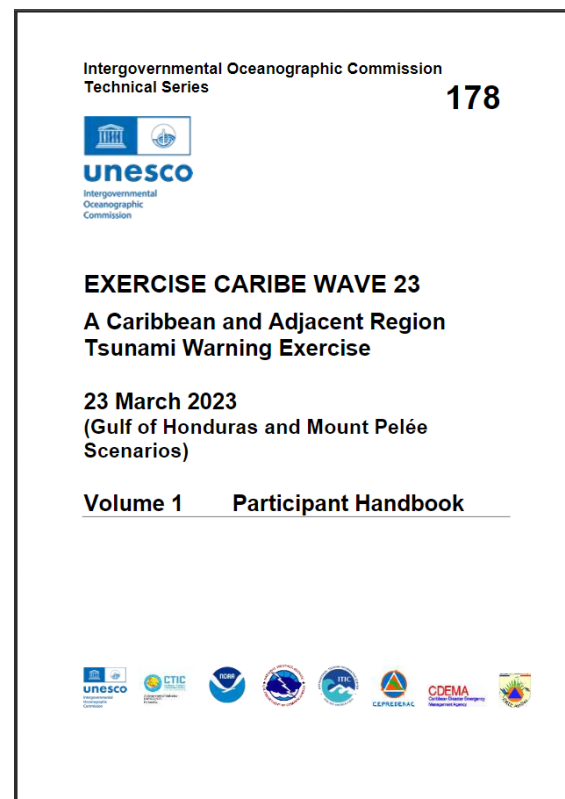
Tsunami Awareness Poster

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

Global & Regional

Manual del Ejercicio

- El manual del ejercicio CARIBE WAVE 23 esta disponible (en inglés) en el siguiente enlace, www.caribewave.org
- El mismo incluye:
 - Descripción de los escenarios de tsunami y terremoto
 - Cronograma
 - El mensaje inicial “dummy” y los mensajes simulados de amenaza
 - Tiempos de viaje y la amplitud esperada de las olas
 - El enlace al cuestionario de evaluación

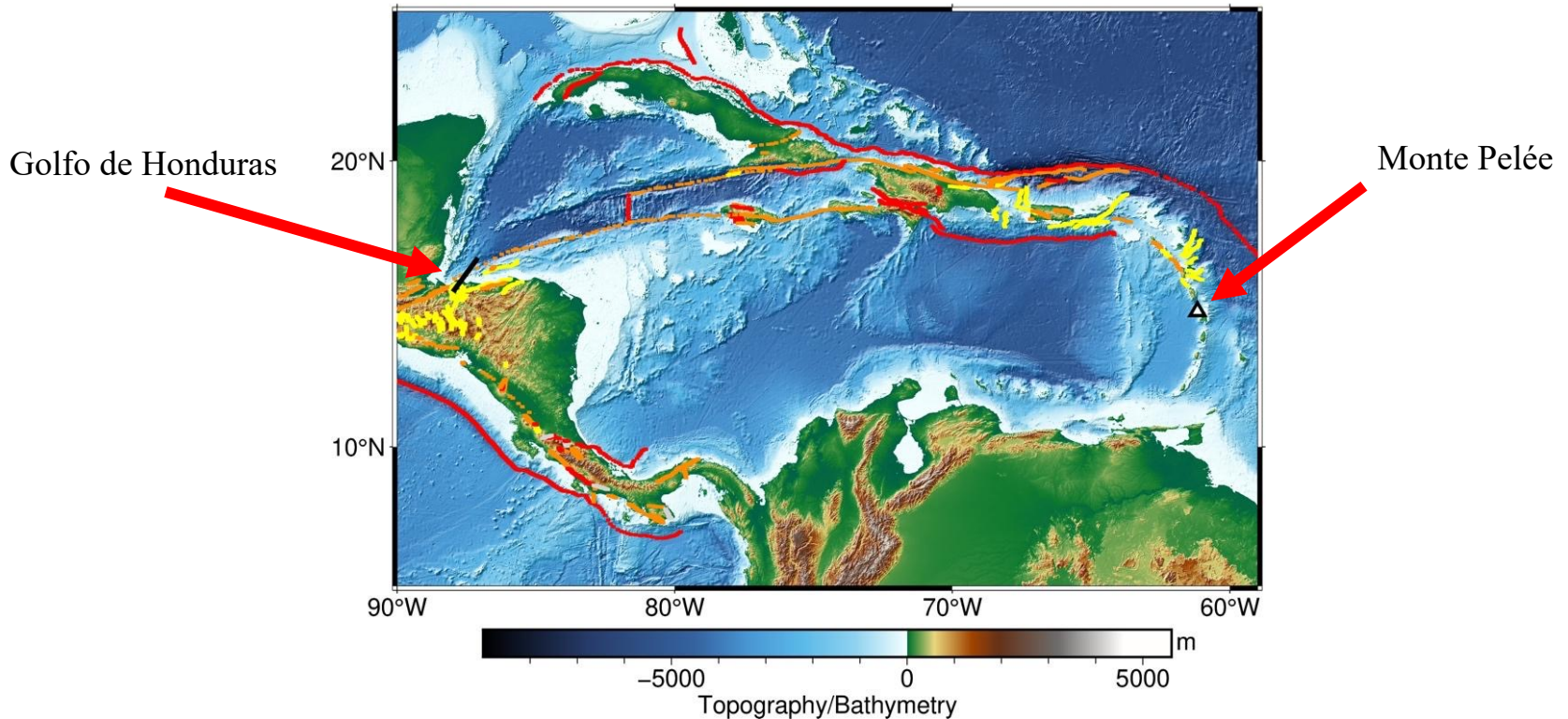


#CARIBEWAVE
#TSUNAMIREADY

CARIBE WAVE 23

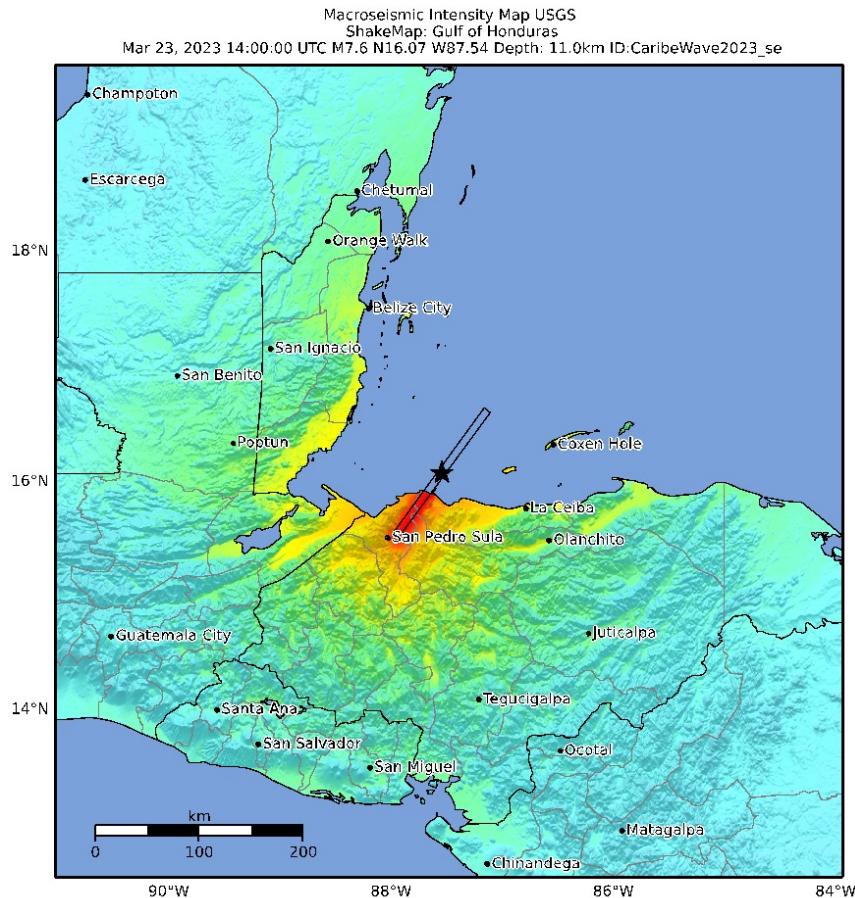
Mapa de los Escenarios

CARIBE WAVE 23



Escenario	Tiempo de Origen	Mw	Epicentro
Golfo de Honduras	14:00:00 UTC 23 de marzo de 2023	7.6	16.07°N, 87.54°W
Monte Pelée			14.48°N, 61.10°W

Escenario del Impacto del Terremoto Golfo de 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



science for a changing world

Earthquake Shaking **Red Alert**



RIGHT TO AFRICA, NCA F

ANSS

PAGER

Version 2

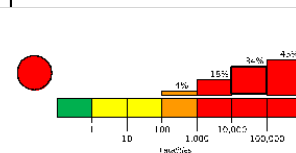
M 7.6, Scenario Gulf of Honduras

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

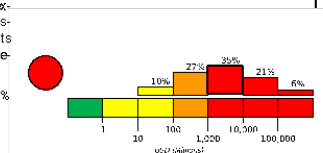
Estimated Fatalities



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

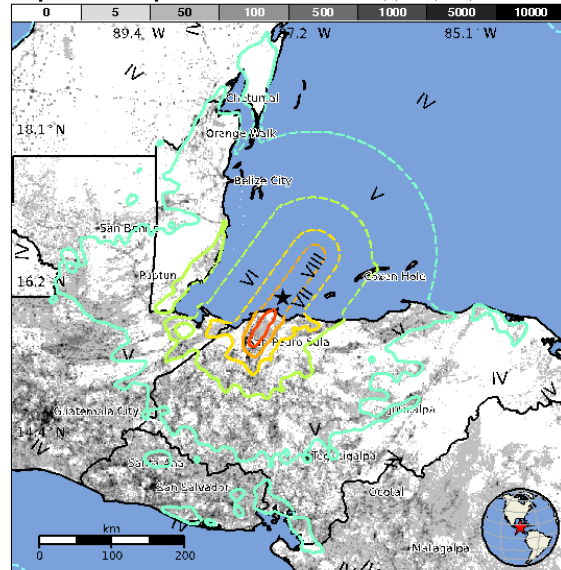


Estimated Population Exposed to Earthquake Shaking

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

PRODUCTOS PTWC

Para el CARIBE WAVE 23, PTWC emitirá los siguientes productos:

- El **23 de marzo de 2023** a las **1400 UTC**, el mensaje inicial “dummy” se emitirá y difundirá a través de todos sus canales de transmisión estándar para los dos escenarios.
- El PTWC también emitirá un mensaje de inicio de ejercicio a través de su cuenta de Twitter a las **1400 UTC**.
- A partir de las **1407 UTC**, se enviarán correos electrónicos de PTWC con todos los productos simulados (texto y gráficos) a CARIBE-EWS, TWFP y NTWC para uno de los escenarios.
 - Para el **10 de marzo de 2023**, cada Estado Miembro debe completar el siguiente formulario (https://www.surveymonkey.com/r/CW23_ScenarioSelection) para seleccionar el escenario que su país utilizará para el ejercicio.
 - Cada país y territorio escogerá un escenario y decidirá cómo difundir los mensajes dentro de su área de responsabilidad.
 - Si el Estado miembro no informa al PTWC y al ITIC-CAR, los organizadores decidirán para qué escenario el PTWC enviará los productos.
 - Para verificar la lista actual de UNESCO IOC CARIBE-EWS TWFP y NTWC acceder: http://www.ioc-tsunami.org/index.php?option=com_content&view=article&id=6&Itemid=22&lang=en

Usuario: tsunami Contraseña: bigwave

Appendix VI. TWC Dummy (Start of Exercise) Messages

PTWC

Centro

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 EXERCISE AND EVALUATE THE
CARIBE EWS TSUNAMI WARNING SYSTEM.

THIS IS ONLY AN EXERCISE.

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Mensaje Inicial “Dummy”

El mensaje para el comienzo del ejercicio CARIBE WAVE 23 también será enviado por la cuenta de Twitter del PTWC.

“This is a test message for CARIBEWAVE 23 tsunami exercise #CaribeWave”
(Será diseminado a las 14h00 UTC a las cuentas/suscriptores de NWS_PTWC y
NWS_CTWP)

Escenario Golfo de Honduras

Cronograma del Mensaje por PTWC

Golfo de Honduras

Date	Time (UTC)	PTWC	
		Tipos of Productos	Método de Transmisión
3/23/23	1400	---- E a r t h q u a k e O c c u r s ----	
3/23/23	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/23/23	1407	Mensaje de Amenaza de Tsunami Inicial #1	Correo electrónico
3/23/23	1425	Mensaje de Amenaza de Tsunami #2 Producto Gráfico Mejorado	Correo electrónico
3/23/23	1445	Mensaje de Amenaza de Tsunami #3	Correo electrónico
3/23/23	1530	Mensaje de Amenaza de Tsunami #4	Correo electrónico
3/23/23	1630	Mensaje de Amenaza de Tsunami #5	Correo electrónico
3/23/23	1730	Mensaje de Amenaza de Tsunami #6	Correo electrónico
3/23/23	1830	Mensaje de Amenaza de Tsunami Final #7	Correo electrónico

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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Video sobre los productos gráficos de tsunamis del PTWC para el 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



Enlace al video (Inglés): <https://vimeo.com/showcase/8956022>

Contraseña: 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.

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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 COORDINATES		TIME OF MEASURE	MAXIMUM TSUNAMI HEIGHT		WAVE PERIOD
GAUGE LOCATION			LAT	LO	(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

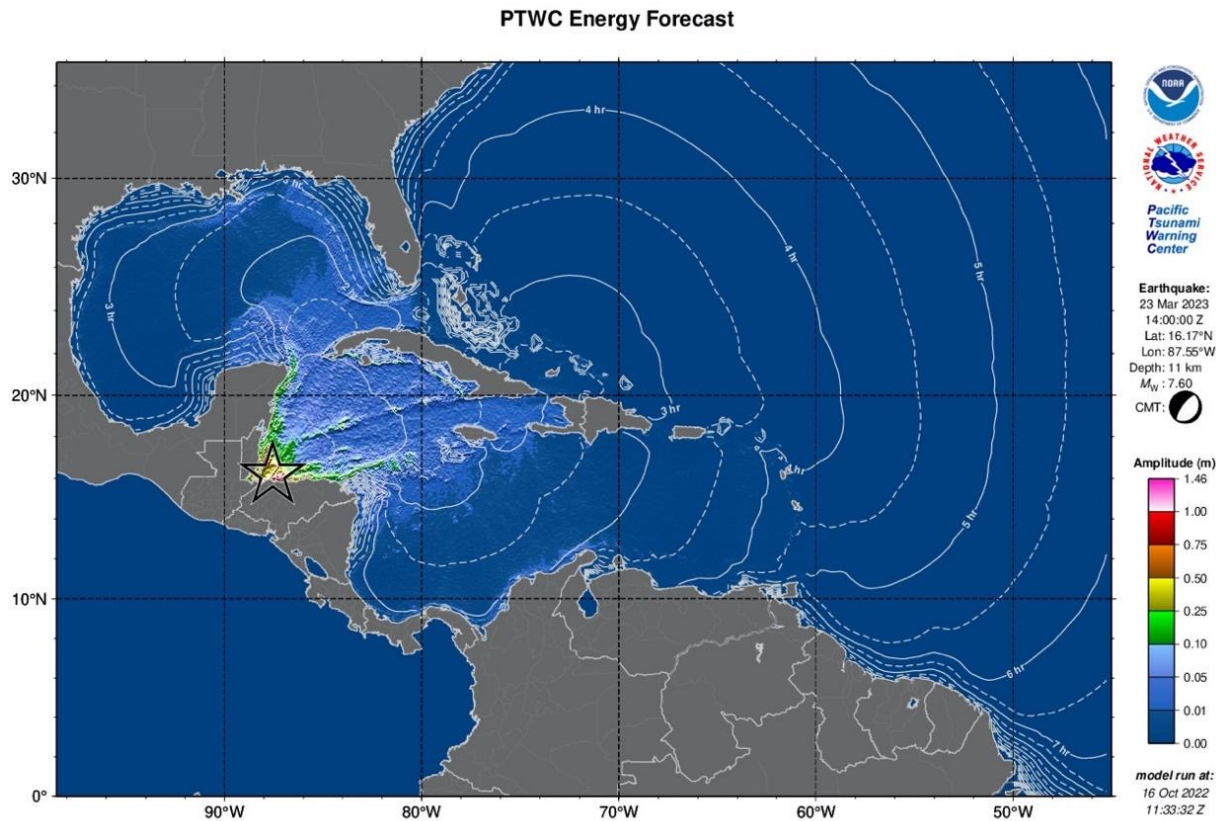
TEST... NEXT UPDATE AND ADDITIONAL INFORMATION ...TEST

- * 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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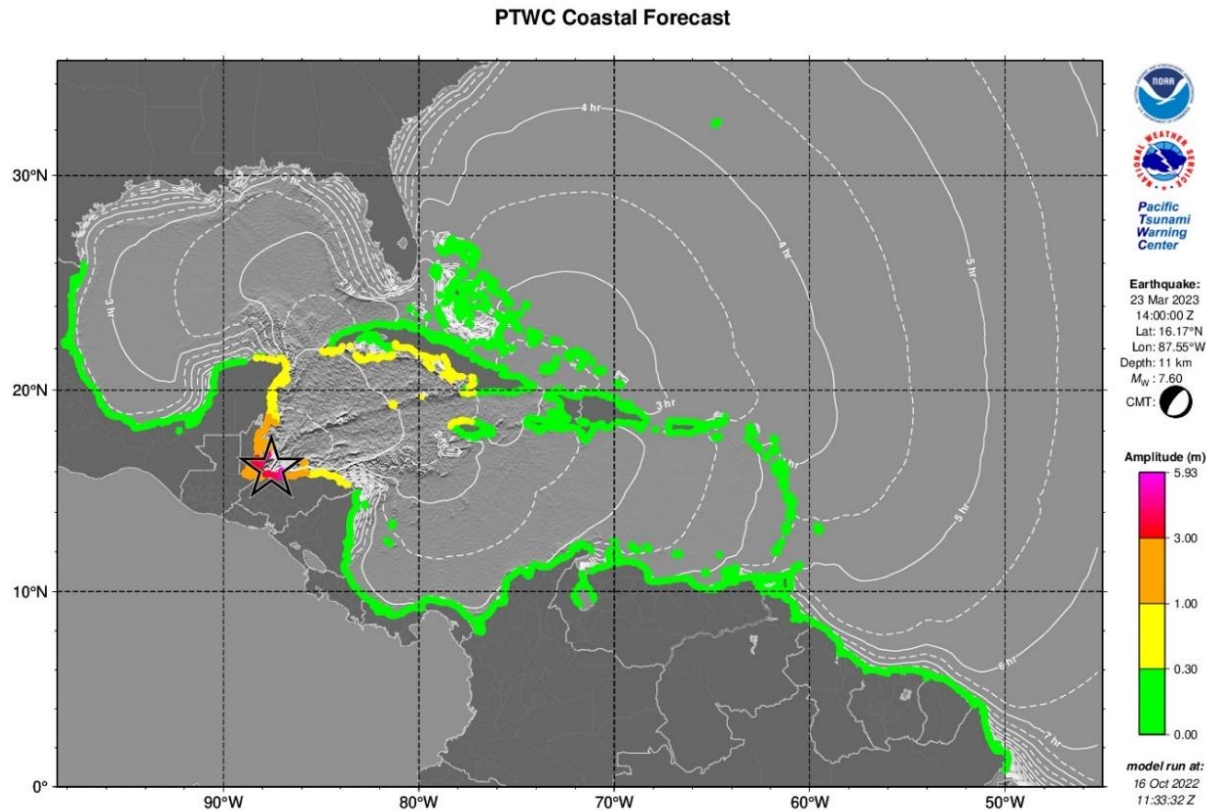
Pronóstico de Amplitud de Olas de Tsunami Golfo de Honduras



Mapa RIFT con la amplitud máxima del tsunami basado en el escenario del Golfo de Honduras.

Durante un evento real, este producto sólo se pondrá a disposición de los oficialmente designados Puntos Focales de Alerta de Tsunami y Contactos Nacionales de Tsunami.

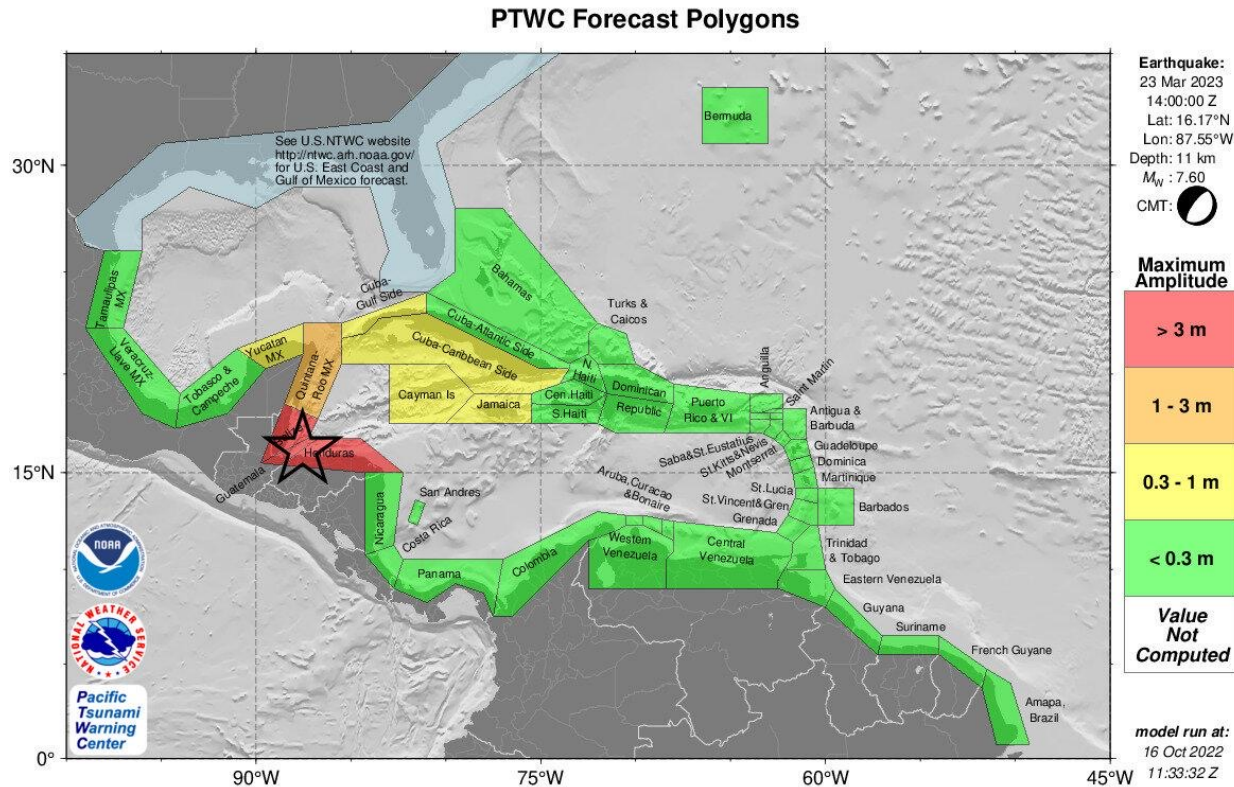
Pronóstico de Amplitud de Olas de Tsunami Golfo de Honduras



**Mapa RIFT con la amplitud máxima del tsunami en la costa del Sur del Caribe
basado en el escenario del Golfo de Honduras.**

Durante un evento real, este producto sólo se pondrá a disposición de los oficialmente designados
Puntos Focales de Alerta de Tsunami y Contactos Nacionales de Tsunami.

Pronóstico de Amplitud de Olas de Tsunami Golfo de Honduras

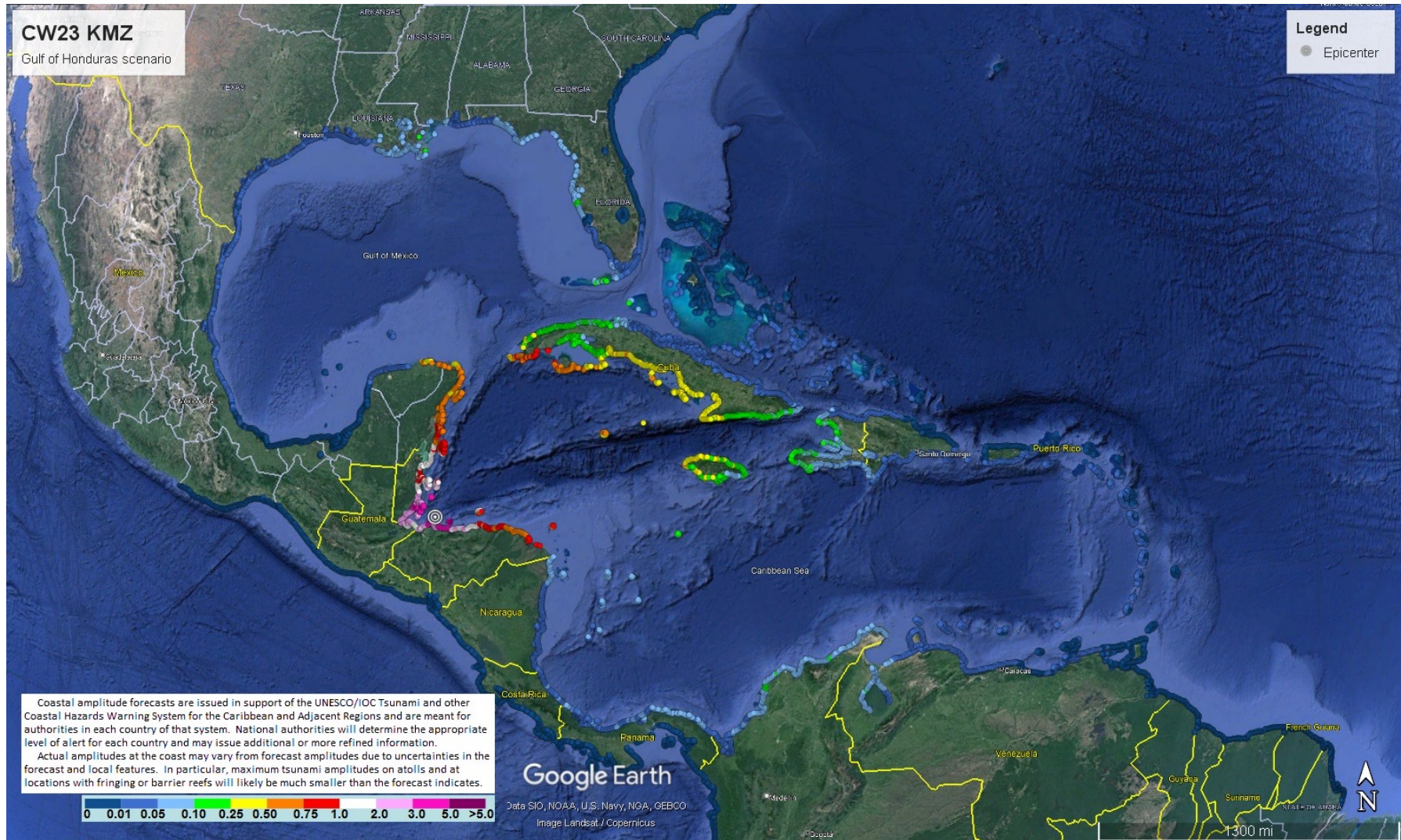


Mapa RIFT de polígonos de pronóstico para la región del Caribe basado en el escenario del Golfo de Honduras.

Durante un evento real, este producto sólo se pondrá a disposición de los oficialmente designados Puntos Focales de Alerta de Tsunami y Contactos Nacionales de Tsunami.

KMZ

Golfo de Honduras



Estadísticas de pronóstico para Polígonos Regionales Golfo de 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	PERIOD	(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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Escenario de Monte Pelée

Cronograma del Mensaje por PTWC

Monte Pelée

Fecha	Hora (UTC)	PTWC	
		Tipos de Productos	Métodos de Transmisión
3/23/23	1400	- - - - Se produce el colapso del flanco del volcán - - - -	
3/23/23	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Correo electrónico
3/23/23	1407	Mensaje de Amenaza de Tsunami Inicial #1	Correo electrónico
3/23/23	1430	Mensaje de Amenaza de Tsunami #2	Correo electrónico
3/23/23	1500	Mensaje de Amenaza de Tsunami #3	Correo electrónico
3/23/23	1530	Mensaje de Amenaza de Tsunami #4	Correo electrónico
3/23/23	1600	Mensaje de Amenaza de Tsunami #5	Correo electrónico
3/23/23	1630	Mensaje de Amenaza de Tsunami Final #6	Correo electrónico

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 COORDINATES	TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
GAUGE LOCATION	LAT	LON		
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.

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PTWC Message #6

ZCZC
WECA41 PHEB 231630
TSUCAX

WMO ID

AWIPS ID

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			
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
YABUCOA 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
DESIRADE 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.

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NNNN

Central American Tsunami Advisory Center CATAC



Participación en CW 2023 – productos tsunami para los países centroamericanos

1. Mensajes de Texto en Español

- Formato similar al PTWC
- Uso de horas locales:
1) America Central; 2) Panama

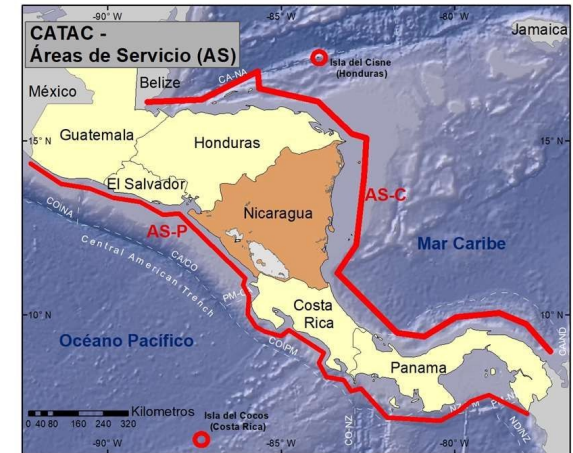
2. Mensajes de Texto en Ingles

- Formato PTWC
- Use de UT

3. Productos Gráficos (SeisComP TOAST)

- Predicción de amplitudes en Medidores de Mar
- Amplitudes en zonas costeras

4. Película de propagación de tsunamis (MPG3)



CATAC – Areas de responsabilidad



CATAC – Areas de monitoreo

Central American Tsunami Advisory Center CATAC



Participación en CW 2023 – productos tsunami para los países centroamericanos

Métodos de distribuci3:

1. Mensajes de texto en espa3ol: email

2. Mensajes de texto en ingl3s: email

3. Productos gr3ficos: correo electr3nico, p3gina web de CATAC

Participación de los Estados Miembros

Registro de *TsunamiZone*

El registro de TsunamiZone se utiliza para rastrear el número de personas y organizaciones que participan en el ejercicio.

Inicio Regiones del TsunamiZone Otros Idiomas Contactenos Búsqueda Iniciar Sesión

The TsunamiZone

¡Inscribase aquí! ¿Quien participará? Caribe Wave

BIENVENIDO AL TSUNAMIZONE!

ENGLISH | FRANÇAIS

Todo el mundo debería saber cómo prepararse para un tsunami y qué hacer para estar seguro. Conocer esto es muy importante, especialmente para los que viven o trabajan cerca del océano, y también para cualquier persona que visite la costa. ¿Está usted en la zona de peligro?

[¡Inscribase](#) y sea parte del grupo de personas y organizaciones en todas partes del mundo que hacen actividades de preparación para los tsunamis!

¡AGÁCHASE! ¡CÚBRASE! ¡SUJÉTESE!
Protéjase durante el terremoto

DIRÍJASE A TERRENO ELEVADO O TIERRA ADENTRO
El sismo es la principal advertencia del Tsunami

IPERMANEZCA EN UN LUGAR ALTO!
Las olas de Tsunami pueden continuar por horas

OFICIALES EVENTOS 2023

23 de marzo
[CARIBE WAVE](#)

26-31 de marzo
Semana de preparación para tsunamis en [Alaska](#)

27-31 de marzo
Semana de preparación para tsunamis en [California](#)

5 de Noviembre
[Día Mundial de Concienciación sobre los Tsunamis](#)

[Comparta sus Actividades](#)
Tus fotos, videos e historias

TWFP y NTWC deben registrarse en TsunamiZone para ser parte del conteo estadístico. Independientemente de registrarse, recibirán los boletines simulados de PTWC.

The
TsunamiZone

[¡Inscríbese aquí!](#)[¿Quién participará?](#)[Caribe Wave](#)

 ¡BIENVENIDO AL TSUNAMIZONE!

[ENGLISH](#) | [FRANÇAIS](#)

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[Comparta sus Actividades](#)
Tus fotos, videos e historias

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

Los países pueden llevar un registro de los participantes haciendo clic en
«¿Quién participará?»



[¡Inscríbese aquí!](#)

[¿Quién participará?](#)

[Caribe Wave](#)

2023 CARIBBEAN TOTALES DE PARTICIPACIÓN

17.605 participantes están inscritos para participar en los simulacros de TsunamiZone 2023 (hasta 25.01.2023 11:35 AM PST).

Categoría	Participantes	Participantes por área	Total
Individuos/Familias	356	Anguilla	0
Cuido de niños y Pre-escolares	223	Antigua and Barbuda	0
Escuelas K-12	9.758	Aruba	55
Universidades/colegios comunitarios	225	Bahamas	0
Grupos Originarios/Tradicionales	0	Barbados	109
Gobierno Federal/Nacional (Incluyendo Militar)	550	Belize	0
Gobierno Estatal	959	Bermuda	212
Gobierno Municipal	1.195	Bonaire	0
Grupos Comunitarios/Urbanizaciones	30	Brazil	10
Negocios	526	British Virgin Islands	14
Industria Hotelera	110	Cayman Islands	41
Centros de Salud/Hospitales	2.242	Colombia	3
Centros Geriátricos/Comunidad de Personas de Edad Avanzada	132	Costa Rica	0
Agencias de atención a personas con discapacidad	5	Cuba	0
Organizaciones sin Fines de Lucro	326	Curacao	118
Organizaciones de Preparación y Respuesta	156	Dominica	0
Iglesias/instituciones denominacionales	0	Dominican Republic	45
Museos, Bibliotecas, Parques, etc.	0	France	0
Clubes de voluntarios/servicio	0	Grenada	75
Organizaciones para la Juventud	100	Guadeloupe	57
Albergues para animales/veterinarios	0	Guatemala	0
Sector Agrícola	27	Guyana	0
Radioaficionados	198	Guyane	0
Organizaciones de Ciencia e Ingeniería	192	Haiti	107
Radio/televisión/prensa/internet	23		
Otro	272		

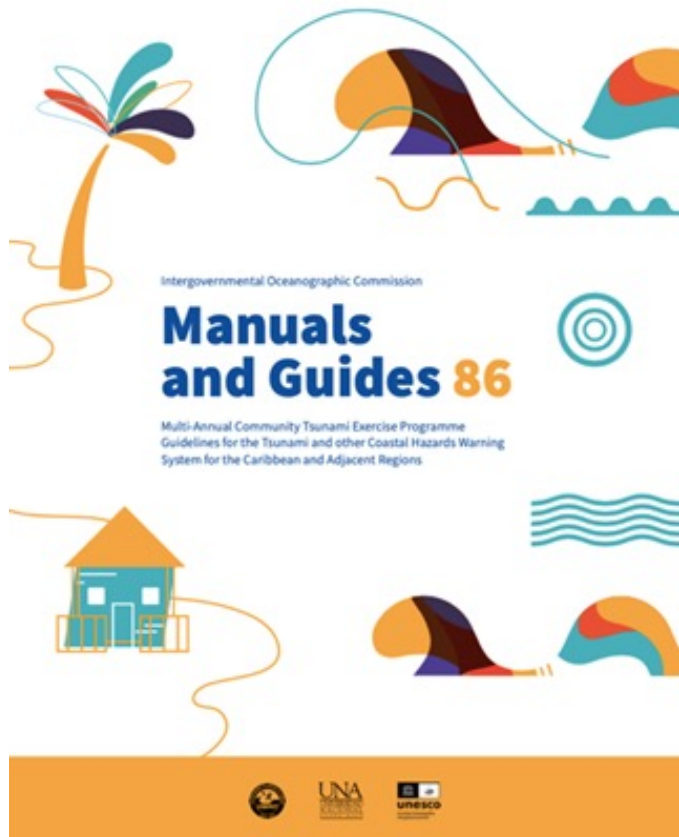
Desde el 25 de enero de 2023, 17,605 participantes se han registrado en el sitio web.

Recursos disponibles en caribewave.org

- Manual y guías 86: Programa multianual de ejercicios comunitarios sobre tsunamis directrices para el sistema de alerta de tsunamis y otros peligros costeros para el Caribe y las regiones adyacentes.
- Productos y escenarios mejorados del PTWC para el Caribe y el Pacífico, Inglés
- Manuales IOC “How to plan, conduct and evaluate tsunami exercises” y “Module on Tsunami Exercise” son recursos útiles. (Inglés y Español).
- Manuales CARIBE WAVE 2011 hasta 2023
- Informe Final CARIBE WAVE 2013 hasta 2022
- Plan de Comunicaciones de PTWC para el Caribe

Preguntas sobre el ejercicio pueden ser dirigidas a los miembros del Equipo de Trabajo CARIBE WAVE 23.

Manual y guías 86: Programa multianual de ejercicios comunitarios sobre tsunamis directrices para el sistema de alerta de tsunamis y otros peligros costeros para el Caribe y las regiones adyacentes.



- Se recomienda esta guía para que los Estados miembros consideren los ejercicios CARIBE WAVE.
- Proporciona a los líderes de la comunidad para realizar y evaluar un ejercicio de evacuación de tsunami con una metodología y herramientas.
- Es particularmente relevante para los organismos que estarían directamente expuestos a los efectos de un tsunami, como el gobierno local, las escuelas, las asociaciones y las empresas.
- Esta guía tiene como objetivo fomentar una cultura compartida de ejercicios a desarrollar entre las autoridades municipales encargadas de garantizar la seguridad de quienes viven en su área y los líderes comunitarios, actores de la vida social y económica del área.
- Disponible en <https://unesdoc.unesco.org/ark:/48223/pf0000380540.1ocale=en>

Consideraciones COVID-19

- Tenga en cuenta que el distanciamiento social / físico y la medida de cuarentena / encierro aún pueden estar vigentes
- Se alienta a los EM a considerar eventos o actividades virtuales / en línea para involucrar al público
- No es necesario que la participación del público sea una caminata completa contra el tsunami, anime a las personas a que revisen su plan de emergencia / ruta / suministros para el tsunami y se registren en tsunamizone.org
- Tenga en cuenta la guía de CARIBE EWS COVID-19 para tsunamis:
http://www.ioc-tsunami.org/index.php?option=com_oa&task=viewDocumentRecord&docID=26796

UNESCO/IOC

ICG/CARIBE EWS

Servicios de tsunami y evacuación / refugio considerando prácticas de distanciamiento físico

Contexto

La actual respuesta de COVID-19 ha requerido cambios en las cargas de trabajo, lugares de trabajo, así como prácticas de distanciamiento físico en todo el mundo. Esto puede crear ambigüedad o confusión con respecto a los servicios de alerta y las acciones de respuesta a los tsunamis, como la evacuación, y la implementación de planes de respuesta nacionales. En este documento se aclara la situación de los servicios regionales de alerta contra los tsunamis, y se sugieren las mejores prácticas para las acciones locales y nacionales.

Servicios Regionales de tsunami

El Centro de Alerta de Tsunamis del Pacífico, en calidad de Proveedor de Servicios de Tsunamis (TSP) del CARIBE de la UNESCO, sigue funcionando 24 horas al día, 7 días a la semana para prestar servicios de tsunami al Caribe y regiones adyacentes, según la [Guía de Usuarios del CARIBE EWS](#).

En caso de que las operaciones se vieran afectadas, se emitirá una comunicación a sus partes interesadas, incluidos los puntos focales de alerta contra los tsunamis del CARIBE-EWS (TWFP) y los Centros Nacionales de Alerta de Tsunamis (NTWC). En tales circunstancias, se establecerán, en la medida de lo posible, acuerdos alternativos para los servicios de alerta regionales.

También se mantiene la coordinación con el Programa de Alerta contra los Tsunamis en el Caribe (CTWP), el Centro de Información sobre Tsunamis del Caribe (CTIC) y el Centro de Asesoramiento sobre Tsunamis de América Central (CATAC).

Es importante reiterar que cada país es el único responsable de la seguridad de su propia población frente a los peligros de los tsunamis. El NTWC o el Organismo de Gestión de Emergencias (EMA) del país es la autoridad encargada de emitir una alerta de tsunami para cualquiera o todas sus costas, ya que la información del TSP del CARIBE EWS es sólo de carácter consultivo.

También es importante recordar que en el caso de los tsunamis locales, las señales de advertencia de tsunamis naturales deben ser el detonante de una auto-evacuación inmediata. Las personas que se encuentran a lo largo de las áreas costeras bajas deben auto-evacuarse y no esperar a que su Centro Nacional de Alerta de Tsunamis emita una alerta de tsunami.

Servicios nacionales y locales de tsunami y mejores prácticas de evacuación/refugio durante COVID-19

1. Disposiciones 24/7 de los organismos nacionales para proporcionar alertas oportunas a las autoridades locales y nacionales, a los medios de comunicación y al público, cuando se requiera su actuación.
2. Cuando el Centro Nacional de Alerta de Tsunamis y/o el Organismo de Gestión de Emergencias emiten una alerta de tsunami, la acción deseada por el público es evacuar de los lugares de riesgo.
3. El público debe seguir utilizando las señales de advertencia naturales de tsunamis como pistas de respuesta, es decir, si las personas están cerca de la costa y experimentan cualquiera de las

Información Adicional

- Materiales adicionales serán colocados en las páginas de ITIC-CAR (www.caribewave.org).
- Enviar enlaces de paginas nacionales a christa.vonh@noaa.gov para incluir en la página del ITIC-CAR.
- Esta presentación está disponible en la pagina del ITIC-CAR.
- Se recomienda el uso de los hashtags #CARIBEWAVE y #TSUNAMIREADY antes y durante el ejercicio.
- Video CARIBE WAVE (disponible en la página web de ITIC-CAR)

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Cronología

ACCIÓN	Cronología
Carta Circular Emitida por el IOC a los MS	✓ Noviembre 2022
Borrador del Manual Circulado entre ICG CARIBE EWS, contactos TWFP/NTWC y TT CARIBE WAVE 23	✓ Diciembre 2022
Fecha límite para comentarios	✓ Diciembre 2022
Manual de Ejercicios Disponible en Línea	✓ Enero 2023
1^{er} Seminario en línea de CW (Vista general, Productos PTWC, Registro)	✓ 24 de enero 2023 - Inglés 25 de enero de 2023 - Español 26 de enero 2023 - Francés
2^{do} Seminario en línea de CW (Actualización, Métodos de Comunicación, Registración, Cuestionario CW, Carga de Fotos/Videos)	21 de febrero de 2023 - Inglés 22 de febrero de 2023 - Español 23 de febrero de 2023 - Francés
Los Países Indican el Escenario Seleccionado	10 Marzo 2023
Ejercicio	23 Marzo 2023
Hot-Wash	4 Abril 2023
Plazo para Evaluación del Ejercicio	13 Abril 2023
Reporte Final Caribe Wave 23 24 Abril 2023	

Segundo Seminario

- El segundo seminario en español se llevará a cabo el
22 de febrero de 2023
- Se enfatizará lo siguiente:
 - Actualizaciones de ejercicios
 - Métodos de comunicación
 - Registro
 - Cuestionario posterior al ejercicio
 - Medios (carga de imágenes/videos)
- Link para el seminario,
https://meet.goto.com/ITIC/cw23_spanish_webinar2

Preguntas, Comentarios

¡Gracias por su participación!

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