



Primer seminario en línea

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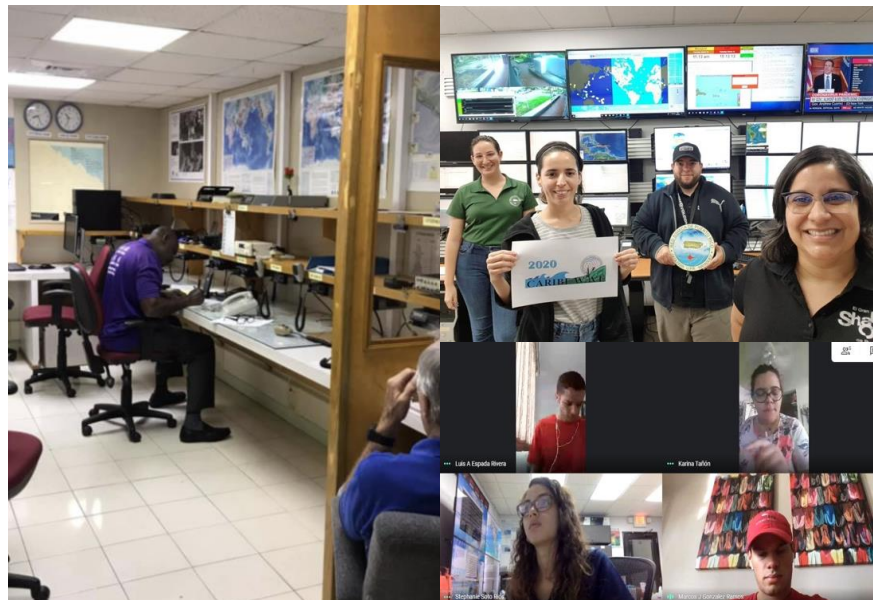
27 de enero de 2021

CARIBE WAVE 2020

CARIBE WAVE 20 se realizó bajo las circunstancias de una pandemia el 19 de marzo de 2020. El ejercicio solo se centró en la porción de prueba de comunicación para validar la emisión y recepción de los mensajes distribuidos por el PTWC.

En el Caribe y Regiones Adyacentes, **44 Estados Miembros y Territorios** participaron en este ejercicio con un total de **4,622** personas involucradas.

- La participación de los países miembros representa una tasa de **92% miembros** (frente al 100% del 2019).



Objetivos para Caribe Wave 21

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.
- 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.

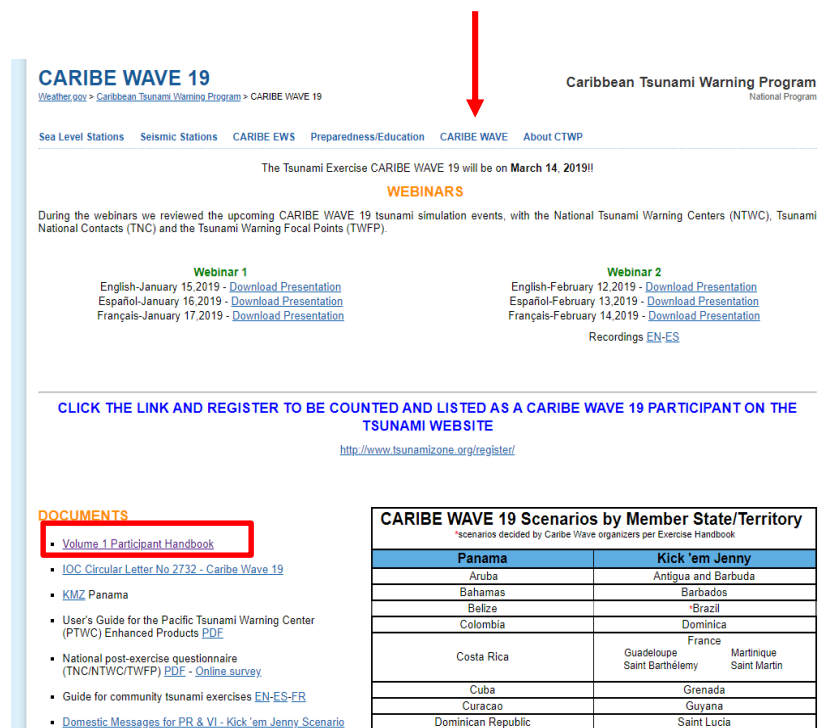
- A. Validar la **preparación** para responder a un tsunami.
- B. Validar la **preparación operacional** de los TWFPs/NTWCs (o como función) y/o la Oficina Nacional de Manejo de Desastres (NDMO).
- C. Mejorar la **preparación operacional**. Antes del ejercicio, asegurar que se hayan desarrollado las 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 de reconocimiento CARIBE-EWS TsunamiReady.

Metas

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

Manual del Ejercicio

- El manual del ejercicio Caribe Wave 21 esta disponible (en inglés) en el siguiente enlace, www.caribewave.info
- 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



CARIBE WAVE 19
Weather.gov > Caribbean Tsunami Warning Program > CARIBE WAVE 19

Caribbean Tsunami Warning Program
National Program

Sea Level Stations Seismic Stations CARIBE EWS Preparedness/Education **CARIBE WAVE** About CTWP

The Tsunami Exercise CARIBE WAVE 19 will be on **March 14, 2019!!**

WEBINARS

During the webinars we reviewed the upcoming CARIBE WAVE 19 tsunami simulation events, with the National Tsunami Warning Centers (NTWC), Tsunami National Contacts (TNC) and the Tsunami Warning Focal Points (TWFP).

Webinar 1
English-January 15, 2019 - [Download Presentation](#)
Español-January 16, 2019 - [Download Presentation](#)
Français-January 17, 2019 - [Download Presentation](#)

Webinar 2
English-February 12, 2019 - [Download Presentation](#)
Español-February 13, 2019 - [Download Presentation](#)
Français-February 14, 2019 - [Download Presentation](#)

Recordings [EN-ES](#)

CLICK THE LINK AND REGISTER TO BE COUNTED AND LISTED AS A CARIBE WAVE 19 PARTICIPANT ON THE TSUNAMI WEBSITE
<http://www.tsunamixone.org/register/>

DOCUMENTS

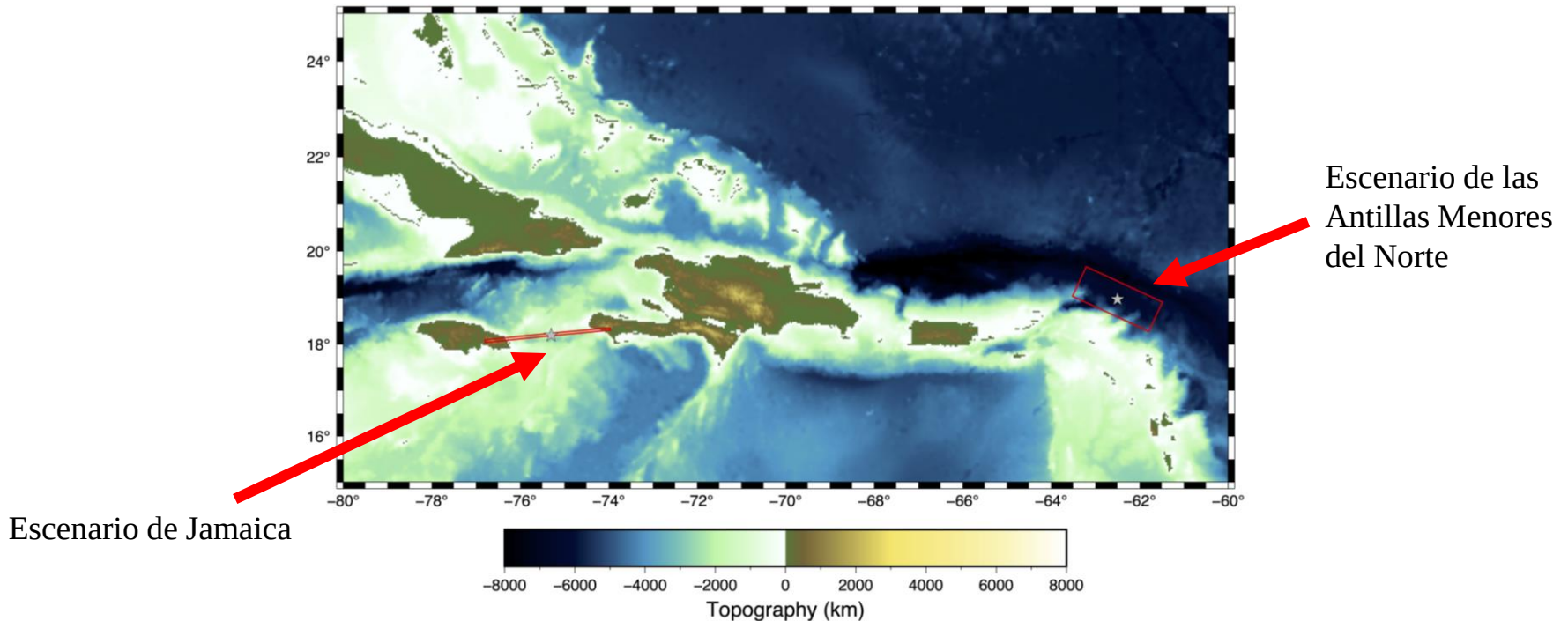
- **Volume 1 Participant Handbook**
- [IOC Circular Letter No 2732 - Caribe Wave 19](#)
- [KMZ Panama](#)
- [User's Guide for the Pacific Tsunami Warning Center \(PTWC\) Enhanced Products PDF](#)
- [National post-exercise questionnaire \(TNC/NTWC/TWFP\) PDF - Online survey](#)
- [Guide for community tsunami exercises EN-ES-FR](#)
- [Domestic Messages for PR & VI - Kick'em Jenny Scenario](#)

CARIBE WAVE 19 Scenarios by Member State/Territory
*scenarios decided by Caribe Wave organizers per Exercise Handbook

Panama	Kick'em Jenny
Aruba	Antigua and Barbuda
Bahamas	Barbados
Belize	Brazil
Colombia	Dominica
Costa Rica	France Guadeloupe Saint Barthélemy
Cuba	Grenada Martinique Saint Martin
Curacao	Guyana
Dominican Republic	Saint Lucia

CARIBE WAVE 21

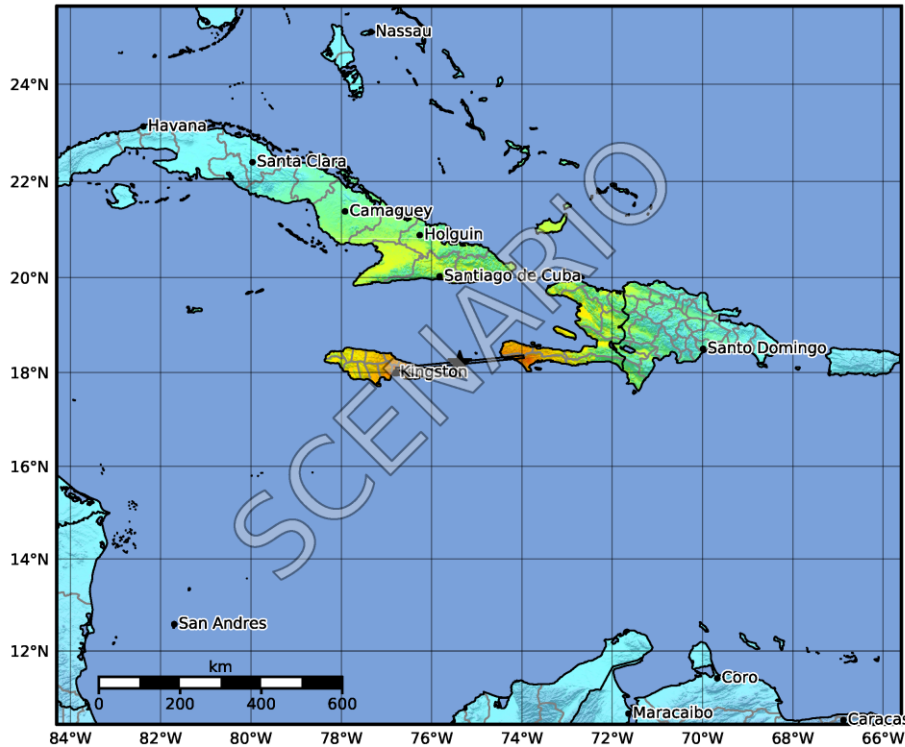
Mapa de los Escenarios



Escenario	Tiempo de Origen	Mw	Epicentro
Jamaica	14:00:00 UTC 19 de marzo de 2020	8.0	18.2°N, 75.3°W
Antillas Menores del Norte		8.5	18.9°N, 62.4°W

Escenario del Impacto del Terremoto Jamaica

Macroseismic Intensity Map
USGS ShakeMap: Jamaica
Jan 31, 2019 00:00:00 UTC M8.0 N18.20 W75.38 Depth: 25.0km
ID:Jamaica_CaribeWave_se



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)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.02	0.13	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

★ Epicenter □ Rupture

Version 1: Processed 2019-10-21T20:57:40Z



M 8.0, Scenario Jamaica

Origin Time: 2019-01-31 00:00:00 UTC (Wed 19:00:00 local)

Location: 18.200°N 75.376°W Depth: 25.0 km

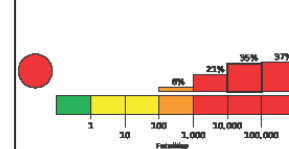
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Earthquake Shaking Red Alert



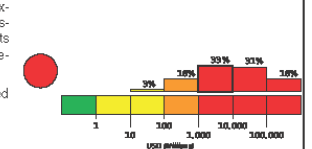
PAGER
Version 11

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 may exceed the GDP of Jamaica.

Estimated Economic Losses



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=10,000)	—	11,836k*	17,632k	15,621k	6,214k	1,455k	1,934k	126k	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	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are wood and rubble/field stone with cement construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-05-09	118	4.5	VI(10k)	0
1976-02-19	244	5.9	VII(5k)	1
1994-03-02	331	5.4	VII(47k)	4

Selected City Exposure

MMI	City	Population
IX	Half Way Tree	136k
VIII	Kingston	939k
VIII	New Kingston	584k
VIII	Mona Heights	3k
VIII	Constant Spring	13k
VIII	Chantrelle	2k
V	Santo Domingo	2,202k
IV	Barranquilla	1,380k
III	Havana	2,164k
III	Maracaibo	2,225k
III	Caracas	3,000k

bold cities appear on map.

(k=10,000)

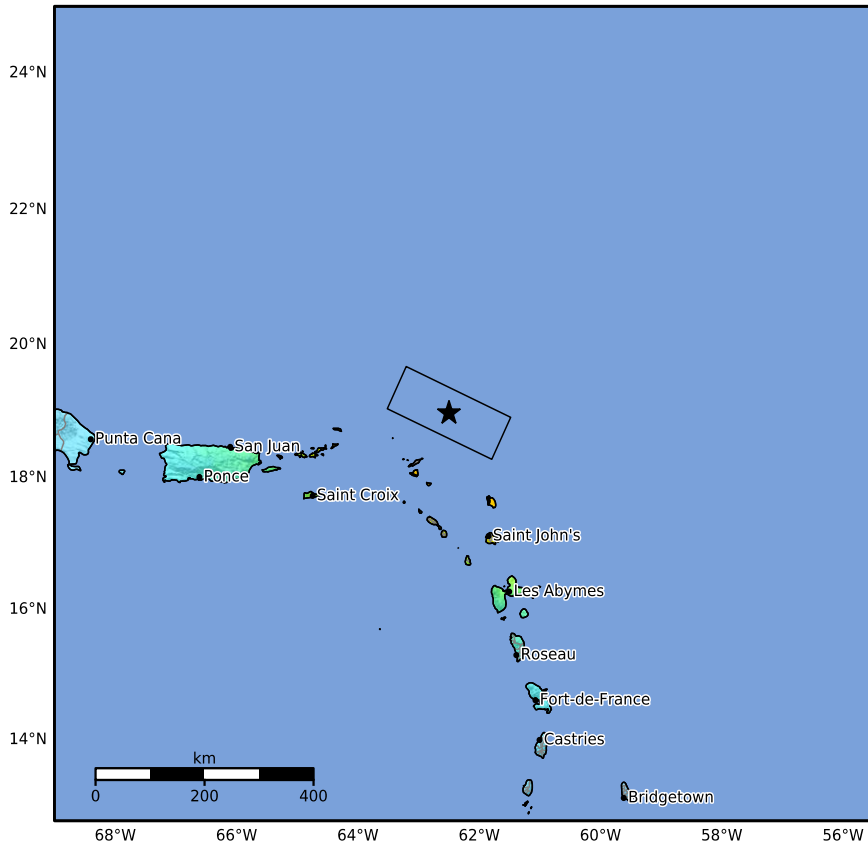
PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. <http://earthquake.usgs.gov/data/pager/>

Event ID: us.Jamaica.CaribeWave.se

Escenario del Impacto del Terremoto

Antillas Menores del Norte

Macroseismic Intensity Map USGS
ShakeMap: Jamaica
Apr 01, 2021 00:00:00 UTC M8.5 N18.98 W62.50 Depth: 25.0km
ID:CaribeWave2021_se



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)	<0.0464	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

★ Epicenter □ Rupture
Version 1: Processed 2020-08-13T20:11:29Z



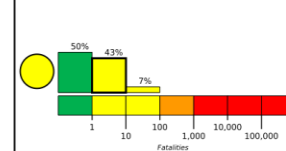
M 8.5, Scenario Jamaica

Origin Time: 2021-04-01 00:00:00 UTC (Wed 20:00:00 local)
Location: 18.9767° N 62.4988° W Depth: 25.0 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov



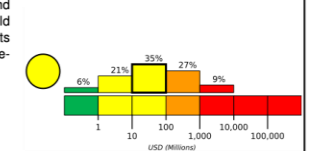
PAGER
Version 1

Estimated Fatalities



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated Economic Losses

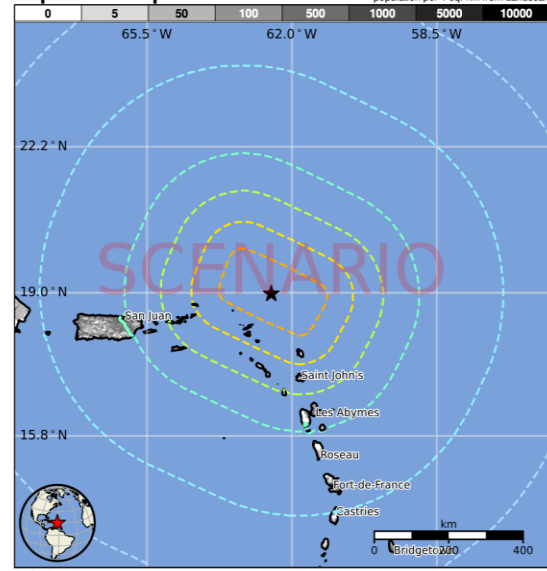


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	1,038k*	2,525k	1,769k	248k	105k	0	0	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	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	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 a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-03-16	221	6.4	VII(6k)	0
1974-10-08	189	7.5	IX(45k)	0
2004-11-21	377	6.3	VII(3k)	1

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

Selected City Exposure

MMI	City	Population
VII	North Side	<1k
VII	Stoney Ground	<1k
VII	The Valley	2k
VII	Island Harbour	<1k
VII	East End Village	<1k
VII	North Hill Village	<1k
V	Carolina	170k
V	San Juan	418k
IV	Bayamon	203k
IV	Ponce	153k
III	La Romana	208k

bolt cities appear on map.

(k = x1000)

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: usCaribeWave2021_se

PRODUCTOS PTWC

Para el Caribe Wave 21 PTWC emitirá los siguientes productos:

- El **11 de marzo de 2021** 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 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 **26 de febrero de 2021**, cada Estado Miembro debe completar el siguiente formulario (<https://forms.gle/NptfCm4xRMw4Bgrw6>) 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 CTWP, 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

Escenarios CARIBE WAVE 21 por Estado Miembro/Territorios

Jamaica	Northern Lesser Antilles
Cayman Islands	Aruba
Colombia	Brazil
Costa Rica	British Virgin Islands*
Guyana	Guyana
Jamaica	Puerto Rico*
Mexico	US Virgin Islands*
Nicaragua	Trinidad and Tobago
Panama	

* PTWC ha preparado los productos simulados domésticos

Mensaje Inicial “Dummy”

El mensaje para el comienzo del ejercicio Caribe Wave 21 será enviado por la cuenta de Twitter del PTWC.

“This is a test message for CARIBEWAVE 21 tsunami exercise #CaribeWave”
(Será diseminado a las 14h00 UTC a las cuentas/suscriptores de NWS_PTWC y NWS_CTWP)

Appendix E. TWC Dummy (Start of Exercise) Messages

PTWC

Centro

WECA41 PHEB 191400

WMO ID

TSUCAX

AWIPS ID

TEST...INITIAL DUMMY START OF EXERCISE MESSAGE...TEST
NWS PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1400Z 11 MAR 2021

...TEST...CARIBE WAVE 21 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 21 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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Escenario de Jamaica

Cronograma del Mensaje por PTWC

Jamaica

Date	Time (UTC)	PTWC	
		Tipos of Productos	Método de Transmisión
3/11/21	1400	---- Earthquake Occurs ----	
3/11/21	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/11/21	1407	Mensaje de Amenaza de Tsunami #1	Correo electrónico
3/11/21	1415	Mensaje de Amenaza de Tsunami #2	Correo electrónico
3/11/21	1425	Mensaje de Amenaza de Tsunami #3 Producto Gráfico Mejorado	Correo electrónico
3/11/21	1500	Mensaje de Amenaza de Tsunami #4	Correo electrónico
3/11/21	1600	Mensaje de Amenaza de Tsunami #5	Correo electrónico
3/11/21	1700	Mensaje de Amenaza de Tsunami #6	Correo electrónico
3/11/21	1800	Mensaje de Amenaza de Tsunami #7	Correo electrónico
3/11/21	1900	Mensaje de Amenaza de Tsunami #8	Correo electrónico
3/11/21	2000	Mensaje de Amenaza de Tsunami #9	Correo electrónico
3/11/21	2100	Mensaje de Amenaza de Tsunami #10	Correo electrónico
3/11/21	2200	Mensaje de Amenaza de Tsunami #11	Correo electrónico
3/11/21	2300	Mensaje Final de Amenaza de Tsunami #12	Correo electrónico

PTWC Message #1

ZCZC
WECA41 PHEB 111407 WMO ID
TSUCAX AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1407 UTC THU MAR 11 2021

...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 7.9
- * ORIGIN TIME 1400 UTC MAR 11 2021
- * COORDINATES 18.2 NORTH 75.4 WEST
- * DEPTH 25 KM / 16 MILES
- * LOCATION JAMAICA REGION

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.9 OCCURRED IN THE JAMAICA REGION AT 1400 UTC ON THURSDAY MARCH 11 2021.
- * THIS IS A TEST MESSAGE. BASED ON THE PRELIMINARY EARTHQUAKE PARAMETERS... WIDESPREAD HAZARDOUS TSUNAMI WAVES ARE POSSIBLE.

TEST... TSUNAMI THREAT FORECAST ...TEST

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

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

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)	
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1422	03/11
JEREMIE	HAITI	18.6N	74.1W	1424	03/11
JACAMEL	HAITI	18.1N	72.5W	1433	03/11
BARACOA	CUBA	20.4N	74.5W	1442	03/11
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1446	03/11

GREAT INAGUA	BAHAMAS	20.9N	73.7W	1448	03/11	BASSE TERRE	GUADELOUPE	16.0N	61.7W	1617	03/11
KINGSTON	JAMAICA	17.9N	76.9W	1451	03/11	THE VALLEY	ANGUILLA	18.3N	63.1W	1620	03/11
CAP HAITEN	HAITI	19.8N	72.2W	1454	03/11	CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1621	03/11
MONTEGO BAY	JAMAICA	18.5N	77.9W	1454	03/11	ROSEAU	DOMINICA	15.3N	61.4W	1621	03/11
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1458	03/11	FREEPORT	BAHAMAS	26.5N	78.8W	1622	03/11
GIBARA	CUBA	21.1N	76.1W	1502	03/11	COLON	PANAMA	9.4N	79.9W	1622	03/11
MAYAGUANA	BAHAMAS	22.3N	73.0W	1502	03/11	LA HABANA	CUBA	23.2N	82.4W	1624	03/11
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1502	03/11	ABACO ISLAND	BAHAMAS	26.6N	77.1W	1627	03/11
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1505	03/11	CASTRIES	SAINT LUCIA	14.0N	61.0W	1627	03/11
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1510	03/11	FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1630	03/11
CIENFUEGOS	CUBA	22.0N	80.5W	1511	03/11	BOCAS DEL TORO	PANAMA	9.4N	82.2W	1633	03/11
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1513	03/11	KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1633	03/11
LONG ISLAND	BAHAMAS	23.3N	75.1W	1522	03/11	BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1634	03/11
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1522	03/11	BIMINI	BAHAMAS	25.8N	79.3W	1635	03/11
SANTA MARTA	COLOMBIA	11.2N	74.2W	1526	03/11	BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1638	03/11
PORT AU PRINCE	HAITI	18.5N	72.4W	1527	03/11	SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1639	03/11
ORANJESTAD	ARUBA	12.5N	70.0W	1529	03/11	CUMANA	VENEZUELA	10.5N	64.2W	1643	03/11
EXUMA	BAHAMAS	23.6N	75.9W	1532	03/11	PALMETTO POINT	BARBUDA	17.6N	61.9W	1644	03/11
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1532	03/11	SAINT GEORGES	GRENADA	12.0N	61.8W	1645	03/11
ONIMA	BONAIRE	12.3N	68.3W	1535	03/11	SAINT JOHNS	ANTIGUA	17.1N	61.9W	1650	03/11
CARTAGENA	COLOMBIA	10.4N	75.6W	1535	03/11	TRUJILLO	HONDURAS	15.9N	86.0W	1650	03/11
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1537	03/11	ESSO PIER	BERMUDA	32.4N	64.7W	1650	03/11
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1538	03/11	BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1653	03/11
CAT ISLAND	BAHAMAS	24.4N	75.5W	1541	03/11	BRIDGETOWN	BARBADOS	13.1N	59.6W	1656	03/11
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1541	03/11	PUNTA GORDA	NICARAGUA	11.4N	83.8W	1706	03/11
SAN ANDRES	SAN ANDRES PROVI	13.4N	81.4W	1544	03/11						
SAN JUAN	PUERTO RICO	18.5N	66.1W	1544	03/11						
PROVIDENCIA	SAN ANDRES PROVI	12.6N	81.7W	1547	03/11						
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1548	03/11						
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1549	03/11						
ALIGANDI	PANAMA	9.2N	78.0W	1550	03/11						
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1558	03/11						
PUERTO CARRETO	PANAMA	8.8N	77.6W	1558	03/11						
COZUMEL	MEXICO	20.5N	87.0W	1600	03/11						
RIOHACHA	COLOMBIA	11.6N	72.9W	1602	03/11						
WILLEMSTAD	CURACAO	12.1N	68.9W	1602	03/11						
SABA	SABA	17.6N	63.2W	1603	03/11						
PUERTO CORTES	HONDURAS	15.9N	88.0W	1603	03/11						
BASSETERRE	SAINT KITTS	17.3N	62.7W	1608	03/11						
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1609	03/11						
NASSAU	BAHAMAS	25.1N	77.4W	1610	03/11						
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1610	03/11						
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1611	03/11						
MAIQUETIA	VENEZUELA	10.6N	67.0W	1611	03/11						
PLYMOUTH	MONTSERRAT	16.7N	62.2W	1612	03/11						
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1612	03/11						
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1615	03/11						
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1616	03/11						

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/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.
- * 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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NNNN

ZCZC
WECA41 PHEB 111425
TSUCAX
TEST...TSUNAMI MESSAGE NUMBER 3...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 11 2021

...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 ****

FORECAST TSUNAMI AMPLITUDES ARE PROVIDED IN THIS MESSAGE.

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

* MAGNITUDE	8.0
* ORIGIN TIME	1400 UTC MAR 11 2021
* COORDINATES	18.2 NORTH 75.4 WEST
* DEPTH	25 KM / 16 MILES
* LOCATION	JAMAICA REGION

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.0 OCCURRED IN THE JAMAICA REGION AT 1400 UTC ON THURSDAY MARCH 11 2021.

* 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 CUBA... HAITI... AND JAMAICA.

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 1 TO 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF COLOMBIA ...COSTA RICA... PANAMA... AND BAHAMAS.

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

DOMINICAN REPUBLIC... MEXICO... NICARAGUA... VENEZUELA... ARUBA... BONAIRE... CAYMAN ISLANDS... CURACAO... DOMINICA... MARTINIQUE... PUERTO RICO AND VIRGIN ISLANDS... SAINT KITTS AND NEVIS... SAINT LUCIA... SAINT VINCENT AND THE GRENADINES... SAN ANDRES AND PROVIDENCIA... AND TURKS AND CAICOS ISLANDS.

* 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)

SANTIAGO D CUBA	CUBA	19.9N	75.8W	1422 03/11
JEREMIE	HAITI	18.6N	74.1W	1424 03/11
JACAMEL	HAITI	18.1N	72.5W	1433 03/11
BARACOA	CUBA	20.4N	74.5W	1442 03/11
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1446 03/11
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1448 03/11
KINGSTON	JAMAICA	17.9N	76.9W	1451 03/11
CAP HAITEN	HAITI	19.8N	72.2W	1454 03/11
MONTEGO BAY	JAMAICA	18.5N	77.9W	1454 03/11
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1458 03/11
GIBARA	CUBA	21.1N	76.1W	1502 03/11
MAYAGUANA	BAHAMAS	22.3N	73.0W	1502 03/11
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1502 03/11
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1505 03/11
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1510 03/11
CIENFUEGOS	CUBA	22.0N	80.5W	1511 03/11
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1513 03/11
LONG ISLAND	BAHAMAS	23.3N	75.1W	1522 03/11
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1522 03/11
SANTA MARTA	COLOMBIA	11.2N	74.2W	1526 03/11
PORT AU PRINCE	HAITI	18.5N	72.4W	1527 03/11
ORANJESTAD	ARUBA	12.5N	70.0W	1529 03/11
EXUMA	BAHAMAS	23.6N	75.9W	1532 03/11
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1532 03/11
ONIMA	BONAIRE	12.3N	68.3W	1535 03/11
CARTAGENA	COLOMBIA	10.4N	75.6W	1535 03/11
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1537 03/11
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1538 03/11
CAT ISLAND	BAHAMAS	24.4N	75.5W	1541 03/11
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1541 03/11
SAN ANDRES	SAN ANDRES PROVI	13.4N	81.4W	1544 03/11
SAN JUAN	PUERTO RICO	18.5N	66.1W	1544 03/11
PROVIDENCIA	SAN ANDRES PROVI	12.6N	81.7W	1547 03/11
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1548 03/11
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1549 03/11

ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1549 03/11
ALIGANDI	PANAMA	9.2N	78.0W	1550 03/11
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1558 03/11
PUERTO CARRETO	PANAMA	8.8N	77.6W	1558 03/11
COZUMEL	MEXICO	20.5N	87.0W	1600 03/11
RIOHACHA	COLOMBIA	11.6N	72.9W	1602 03/11
WILLEMSTAD	CURACAO	12.1N	68.9W	1602 03/11
BASSETERRE	SAINT KITTS	17.3N	62.7W	1608 03/11
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1609 03/11
NASSAU	BAHAMAS	25.1N	77.4W	1610 03/11
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1610 03/11
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1615 03/11
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1616 03/11
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1621 03/11
ROSEAU	DOMINICA	15.3N	61.4W	1621 03/11
FREEPORT	BAHAMAS	26.5N	78.8W	1622 03/11
COLON	PANAMA	9.4N	79.9W	1622 03/11
LA HABANA	CUBA	23.2N	82.4W	1624 03/11
ABACO ISLAND	BAHAMAS	26.6N	77.1W	1627 03/11
CASTRIES	SAINT LUCIA	14.0N	61.0W	1627 03/11
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1630 03/11
BOCAS DEL TORO	PANAMA	9.4N	82.2W	1633 03/11
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1633 03/11
BIMINI	BAHAMAS	25.8N	79.3W	1635 03/11
PUNTA GORDA	NICARAGUA	11.4N	83.8W	1706 03/11
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1707 03/11
SANTA CRZ D SUR	CUBA	20.7N	78.0W	1735 03/11
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1751 03/11
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1850 03/11
NUEVA GERONA	CUBA	21.9N	82.8W	1910 03/11
PUERTO CABEZAS	NICARAGUA	14.0N	83.4W	2032 03/11
TEST... POTENTIAL IMPACTS ...TEST				

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TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR
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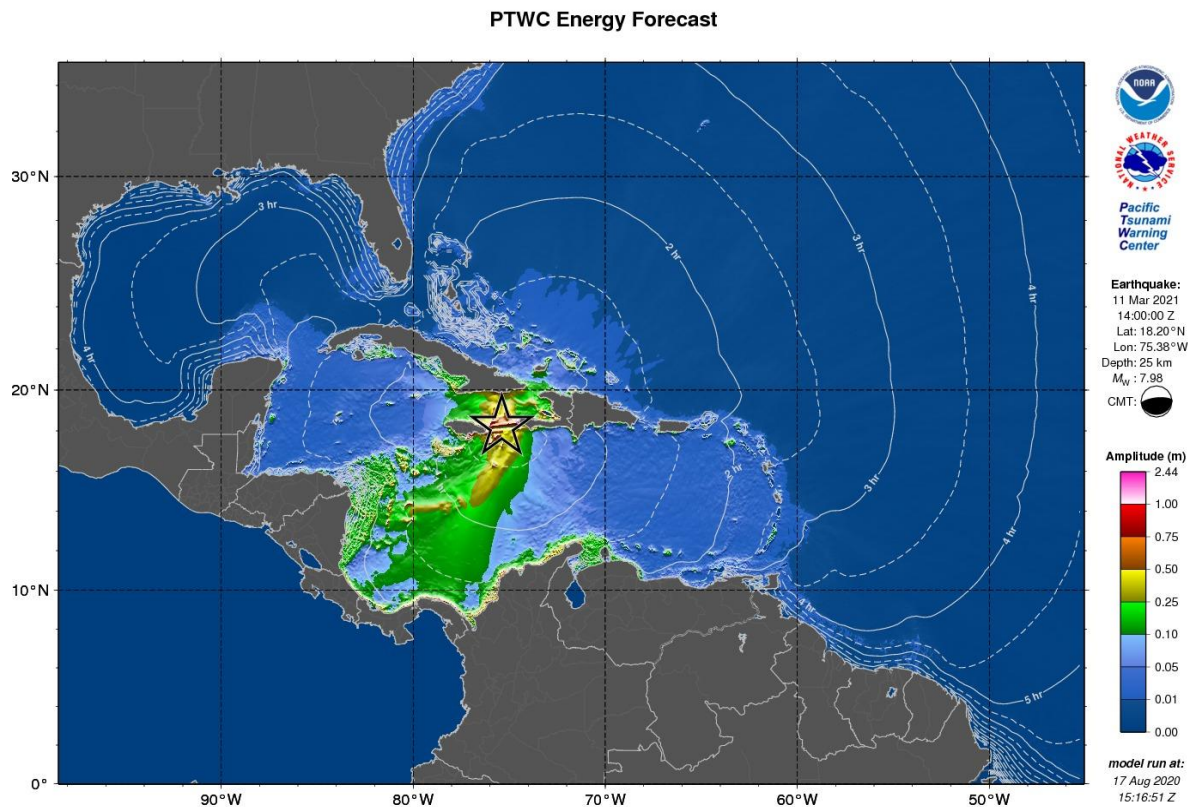
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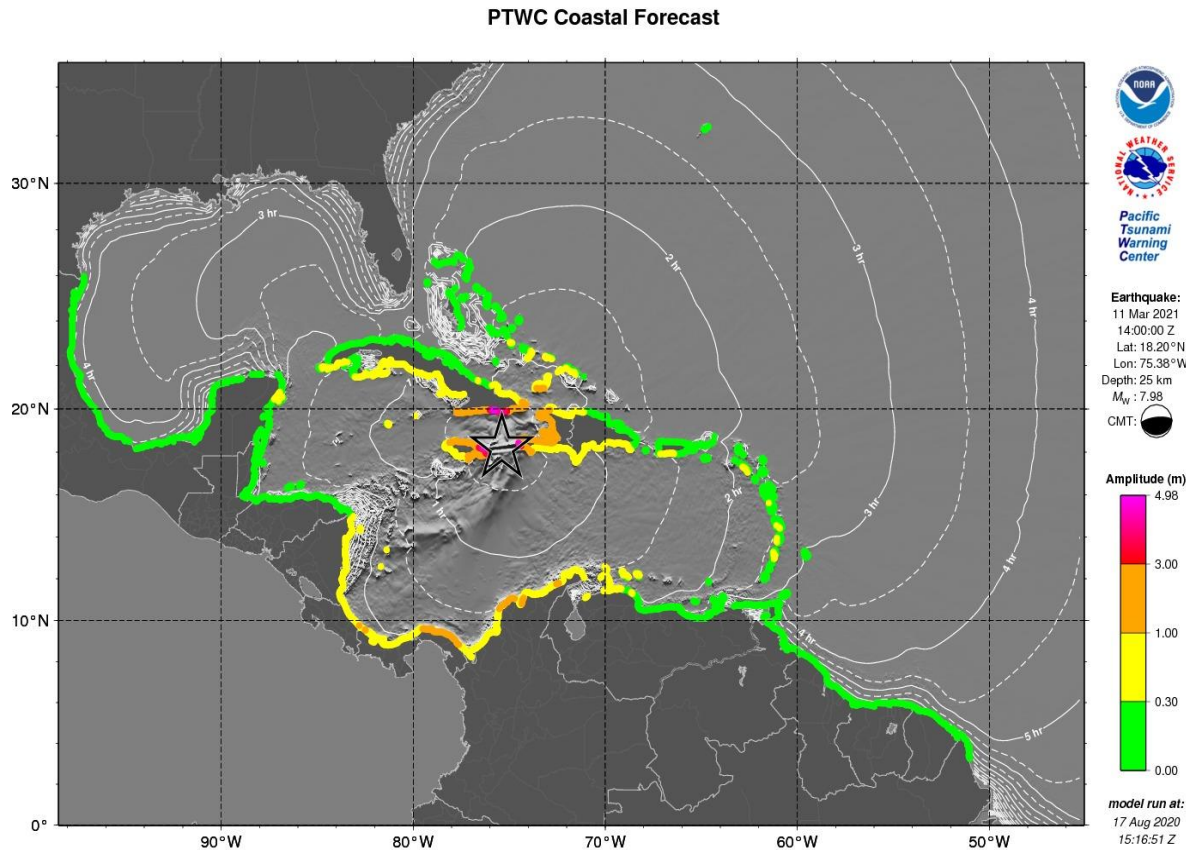
Pronóstico de Amplitud de Olas de Tsunami Jamaica



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

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.

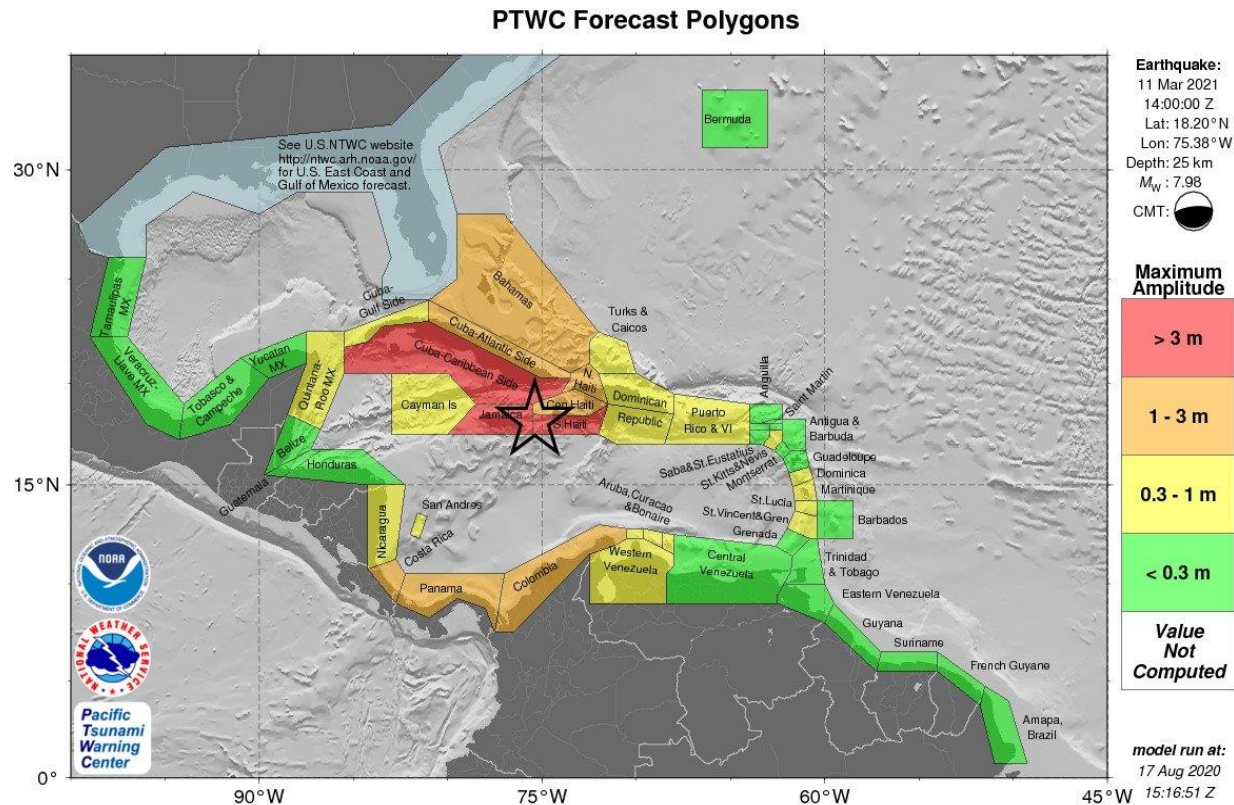
Pronóstico de Amplitud de Olas de Tsunami Jamaica



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

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.

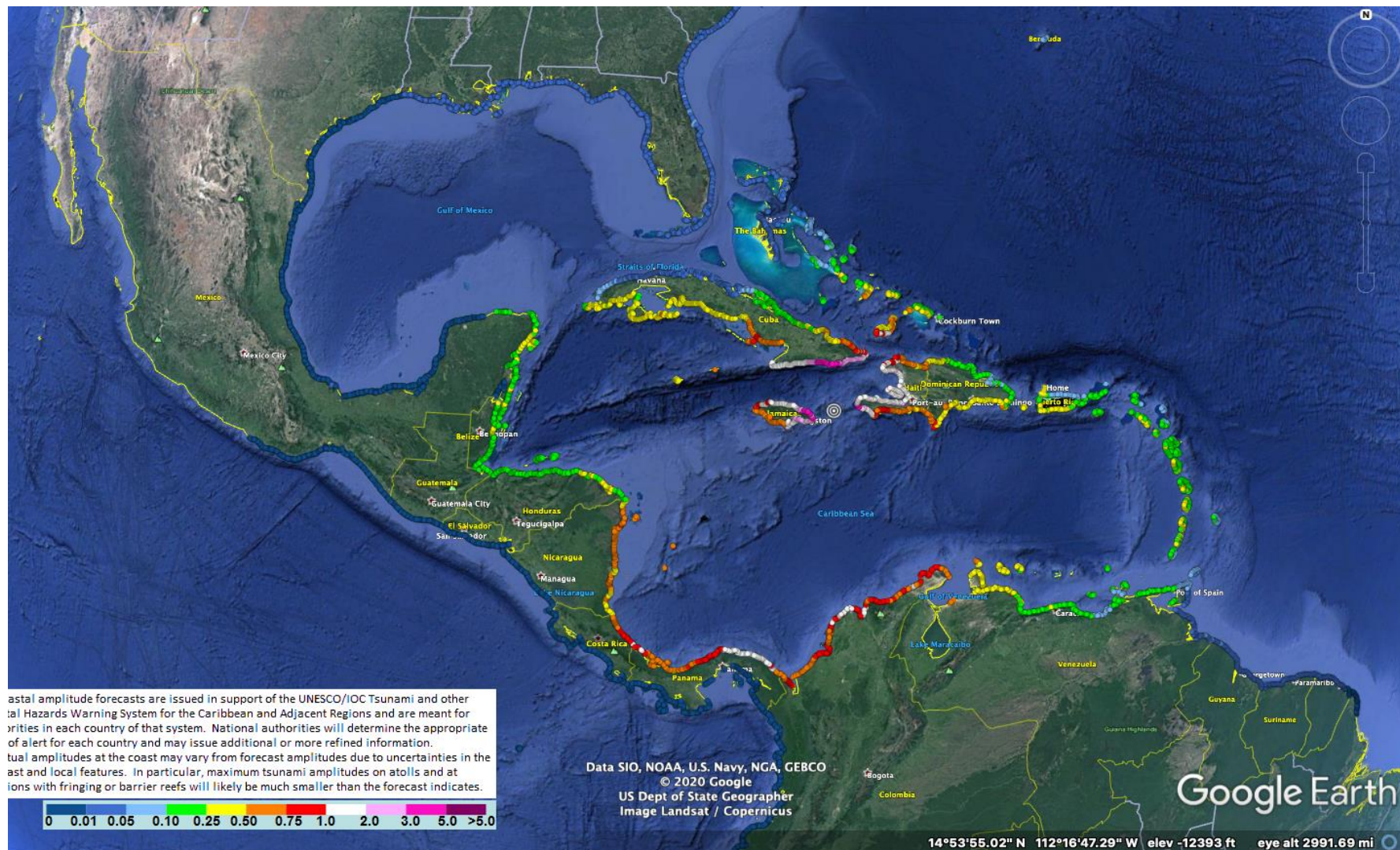
Pronóstico de Amplitud de Olas de Tsunami Jamaica



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

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 Jamaica



Estadísticas de pronóstico para polígonos regionales*

Jamaica

Region_Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Caribbean_Coast_of_Cuba	5.0	0.94	0.42	1.00	2.3	0.29	0.17	0.29	423
Caribbean_Coast_of_Haiti	4.8	1.10	0.71	0.91	2.0	0.43	0.33	0.37	89
Jamaica	4.5	1.50	1.30	0.91	2.4	0.65	0.53	0.39	146
Gulf_of_Gonave_Coast_of_Haiti	2.3	1.60	1.60	0.26	1.9	0.68	0.61	0.36	140
Atlantic_Coast_of_Haiti	1.8	0.82	0.71	0.29	0.86	0.33	0.30	0.13	66
Caribbean_Coast_of_Panama	1.4	0.87	0.81	0.27	1.1	0.50	0.49	0.19	179
Bahamas	1.3	0.18	0.06	0.25	1.0	0.10	0.03	0.16	443
Caribbean_Coast_of_Colombia	1.3	0.81	0.81	0.15	1.1	0.49	0.48	0.17	255
Atlantic_Coast_of_Cuba	1.1	0.23	0.16	0.24	0.57	0.10	0.06	0.12	259
Caribbean_Coast_of_Costa_Rica	1.0	0.76	0.80	0.15	0.79	0.45	0.44	0.10	48
Caribbean_Coast_of_Dominican_Republic	0.82	0.42	0.40	0.14	0.58	0.21	0.18	0.10	148
Caribbean_Coast_of_Nicaragua	0.78	0.57	0.53	0.11	0.50	0.20	0.20	0.08	138
San_Andres_and_Providencia	0.70	0.64	0.64	0.05	0.35	0.34	0.34	0.01	4
Atlantic_Coast_of_Dominican_Republic	0.67	0.19	0.15	0.12	0.71	0.11	0.07	0.11	129
Western_Coast_of_Venezuela	0.60	0.34	0.33	0.09	0.40	0.17	0.16	0.06	100
Cayman_Islands	0.55	0.37	0.36	0.07	0.35	0.20	0.19	0.07	9
Aruba	0.55	0.48	0.46	0.06	0.29	0.21	0.18	0.05	8
Turks_and_Caicos_Islands	0.54	0.28	0.25	0.10	0.27	0.14	0.13	0.06	46
Curacao	0.44	0.32	0.31	0.05	0.21	0.13	0.12	0.04	27
Saint_Vincent_and_the_Grenadines	0.41	0.27	0.27	0.05	0.21	0.12	0.12	0.04	33
Quintana_Roo_Mexico	0.39	0.20	0.23	0.11	0.62	0.10	0.10	0.07	166
Saint_Kitts_and_Nevis	0.39	0.25	0.25	0.08	0.17	0.09	0.08	0.04	29
Bonaire	0.38	0.31	0.32	0.04	0.23	0.16	0.16	0.03	15
Puerto_Rico_and_Virgin_Islands	0.35	0.19	0.20	0.08	0.36	0.09	0.08	0.06	190
Gulf_of_Mexico_Coast_of_Cuba	0.33	0.05	0.04	0.05	0.09	0.02	0.01	0.01	122
Saint_Lucia	0.33	0.22	0.23	0.07	0.15	0.09	0.08	0.03	26
Dominica	0.30	0.21	0.22	0.05	0.12	0.06	0.06	0.02	31
Martinique	0.30	0.21	0.23	0.06	0.18	0.09	0.09	0.04	41
Caribbean_Coast_of_Honduras	0.29	0.19	0.19	0.04	0.27	0.10	0.10	0.04	185
Central_Coast_of_Venezuela	0.28	0.14	0.13	0.05	0.23	0.07	0.06	0.03	238
Grenada	0.28	0.17	0.18	0.06	0.17	0.08	0.08	0.03	29
Montserrat	0.28	0.21	0.20	0.04	0.22	0.09	0.07	0.05	11
Guadeloupe	0.27	0.17	0.17	0.05	0.17	0.07	0.07	0.03	73
Belize	0.27	0.19	0.18	0.03	0.25	0.08	0.08	0.03	90
Anguilla	0.25	0.20	0.23	0.05	0.18	0.13	0.12	0.03	8
Antigua_and-Barbuda	0.23	0.12	0.08	0.06	0.14	0.08	0.08	0.03	28
Saba_and_Saint_Eustatius	0.23	0.18	0.17	0.02	0.10	0.06	0.05	0.02	8
Sint_Maarten	0.19	0.17	0.17	0.01	0.11	0.08	0.08	0.01	6
Saint_Barthelémy	0.18	0.12	0.12	0.04	0.11	0.09	0.09	0.02	4
Caribbean_Coast_of_Guatemala	0.18	0.17	0.17	0.00	0.11	0.06	0.06	0.01	13
Saint_Martin	0.17	0.17	0.17	0.00	0.13	0.12	0.11	0.01	3
Yucatan_Mexico	0.12	0.03	0.01	0.04	0.07	0.03	0.03	0.02	59
Barbados	0.12	0.09	0.09	0.02	0.08	0.04	0.04	0.02	21
Trinidad_and_Tobago	0.11	0.07	0.07	0.03	0.08	0.04	0.03	0.02	77
Bermuda	0.07	0.06	0.06	0.01	0.05	0.03	0.03	0.01	8
Atlantic_Coast_of_Venezuela	0.06	0.05	0.05	0.00	0.02	0.01	0.01	0.00	82
Guyana	0.05	0.04	0.03	0.01	0.03	0.01	0.01	0.00	101
Suriname	0.03	0.03	0.03	0.00	0.02	0.01	0.01	0.00	109
French_Guyane	0.03	0.01	0.01	0.00	0.02	0.00	0.00	0.00	84
Veracruz_Mexico	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	152
Tamaulipas_Mexico	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	126

* Las amplitudes reales en la costa pueden variar de las amplitudes de pronóstico debido a las incertidumbres en el pronóstico y las características locales. En particular, las amplitudes máximas de los tsunamis en las islas pequeñas probablemente serán mucho menores de lo previsto.

PTWC Message #12

ZCZC
WECA41 PHEB 112300
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 12...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2300 UTC THU MAR 11 2021

...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 8.0
- * ORIGIN TIME 1400 UTC MAR 11 2021
- * COORDINATES 18.2 NORTH 75.4 WEST
- * DEPTH 25 KM / 16 MILES
- * LOCATION JAMAICA REGION

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.0 OCCURRED IN THE JAMAICA REGION AT 1400 UTC ON THURSDAY MARCH 11 2021.
- * 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 (UTC)	MAXIMUM TSUNAMI HEIGHT		WAVE PERIOD (MIN)
	LAT	LO				
WRIGHT BEACH NC	34.2N	77.8W	1901	0.09M/	0.3FT	18
GANTERS BAY ST LUCI	14.0N	61.0W	1701	0.28M/	0.9FT	28
PRICKLEY BAY GD	12.0N	61.8W	1700	0.16M/	0.5FT	20
LE ROBERT MARTINIQUE	14.7N	60.9W	1659	0.12M/	0.4FT	22
CALLIAQUA VC	13.1N	61.2W	1648	0.33M/	1.1FT	26
BLOWING POINT AI	18.2N	63.1W	1643	0.25M/	0.8FT	22
POINT A PITRE GP	16.2N	61.5W	1639	0.13M/	0.4FT	28

DESIRADE GUADELOUPE	16.3N	61.1W	1645	0.10M/	0.3FT	18
FORT DE FRANCE MQ	14.6N	61.1W	1639	0.31M/	1.0FT	14
SAINT MARTIN FR	18.1N	63.1W	1635	0.17M/	0.6FT	18
ISLA MUJERES MX	21.3N	86.7W	1634	0.25M/	0.8FT	24
CULEBRA IS PR	18.3N	65.3W	1635	0.09M/	0.3FT	26
LE PRECHEUR MARTINI	14.8N	61.2W	1635	0.20M/	0.7FT	22
ROSEAU DM	15.3N	61.4W	1631	0.23M/	0.8FT	22
PORTSMOUTH DM	15.6N	61.5W	1631	0.30M/	1.0FT	26
LAMESHURBAYSTJOHNVI	18.3N	64.7W	1628	0.17M/	0.6FT	16
DESHAIES GUADELOUPE	16.3N	61.8W	1627	0.22M/	0.7FT	22
LIMON CR	10.0N	83.0W	1626	0.89M/	2.9FT	26
CEIBA CABOTAGE HN	15.8N	86.8W	1625	0.13M/	0.4FT	22
SAPZURRO CO	8.7N	77.4W	1617	0.69M/	2.3FT	18
BASSETERRE KN	17.3N	62.7W	1620	0.17M/	0.6FT	28
CARRIE BOW CAY BZ	16.8N	88.1W	1617	0.17M/	0.5FT	24
PUERTO CORTES HN	15.8N	88.0W	1610	0.18M/	0.6FT	14
SIAN KAN MX	19.3N	87.4W	1612	0.21M/	0.7FT	26
EL PORVENIR PA	9.6N	78.9W	1607	1.18M/	3.9FT	28
PUERTO MORELOS MX	20.9N	86.9W	1603	0.25M/	0.8FT	28
PUERTO MORELOS MX	20.9N	86.9W	1601	0.25M/	0.8FT	22
PUERTO MORELOS MX	20.9N	86.9W	1603	0.25M/	0.8FT	16
SAN ANDRES CO	12.6N	81.7W	1556	0.57M/	1.9FT	28
SAN JUAN PR	18.5N	66.1W	1558	0.07M/	0.2FT	22
ESPERANZA VIEQUES P	18.1N	65.5W	1558	0.25M/	0.8FT	28
ARECIBO PR	18.5N	66.7W	1551	0.10M/	0.3FT	16
LIMETREE VI	17.7N	64.8W	1552	0.23M/	0.8FT	18
ST CROIX VI	17.7N	64.7W	1549	0.15M/	0.5FT	20
ISLA NAVAL CO	10.2N	75.8W	1547	0.73M/	2.4FT	24
ROATAN ISLAND HN	16.3N	86.5W	1552	0.15M/	0.5FT	26
YABUCOA PR	18.1N	65.8W	1544	0.28M/	0.9FT	18
BULLEN BAY CURACAO	12.2N	69.0W	1547	0.39M/	1.3FT	26
MAGUEYES ISLAND PR	18.0N	67.0W	1541	0.29M/	1.0FT	26
MAYAGUEZ PR	18.2N	67.2W	1547	0.29M/	1.0FT	26
SANTA MARTA CO	11.2N	74.2W	1537	0.72M/	2.4FT	20
PUNTA CANA DO	18.5N	68.4W	1539	0.23M/	0.7FT	22
MONA ISLAND PR	18.1N	67.9W	1529	0.29M/	0.9FT	22
DART 42407	15.3N	68.2W	1524	0.03M/	0.1FT	16
GRAND TURK ISLAND T	21.4N	71.1W	1521	0.18M/	0.6FT	24
PUERTO PLATA DO	19.8N	70.7W	1518	0.19M/	0.6FT	14
BARAHONA DO	18.2N	71.1W	1516	0.52M/	1.7FT	20
GEORGE TOWN CY	19.3N	81.4W	1505	0.32M/	1.1FT	24
CAP HAITIEN HT	19.8N	72.2W	1504	0.46M/	1.5FT	22
PORT ROYAL JM	17.9N	76.8W	1456	2.08M/	6.8FT	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/EARTHQUAKES -ALL IN
LOWERCASE LETTERS-.

* 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 las Antillas Menores del Norte

Cronograma del Mensaje por PTWC

Antillas Menores del Norte

Fecha	Hora (UTC)	PTWC	
		Tipos de Productos	Métodos de Transmisión
3/11/20	1400	- - - - Se produce el terremoto - - - -	
3/11/21	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Correo electrónico
3/11/21	1407	Mensaje de Amenaza de Tsunami #1	Correo electrónico
3/11/21	1415	Mensaje de Amenaza de Tsunami #2	Correo electrónico
3/11/21	1425	Mensaje de Amenaza de Tsunami #3 y Producto Gráfico Mejorado	Correo electrónico
3/11/21	1445	Mensaje de Amenaza de Tsunami #4	Correo electrónico
3/11/21	1500	Mensaje de Amenaza de Tsunami #5	Correo electrónico
3/11/21	1600	Mensaje de Amenaza de Tsunami #6	Correo electrónico
3/11/21	1700	Mensaje de Amenaza de Tsunami #7	Correo electrónico
3/11/21	1800	Mensaje de Amenaza de Tsunami #8	Correo electrónico
3/11/21	1900	Mensaje de Amenaza de Tsunami #9	Correo electrónico
3/11/21	2000	Mensaje de Amenaza de Tsunami #10	Correo electrónico
3/11/21	2100	Mensaje de Amenaza de Tsunami #11	Correo electrónico
3/11/21	2200	Mensaje de Amenaza de Tsunami #12	Correo electrónico
3/11/21	2300	Mensaje de Amenaza de Tsunami #13	Correo electrónico

PTWC Message #1

ZCZC
WECA41 PHEB 111407
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1407 UTC THU MAR 11 2021

...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 8.0
* ORIGIN TIME 1400 UTC MAR 11 2021
* COORDINATES 19.0 NORTH 62.5 WEST
* DEPTH 25 KM / 16 MILES
* LOCATION LEEWARD ISLANDS

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.0 OCCURRED IN THE LEEWARD ISLANDS AT 1400 UTC ON THURSDAY MARCH 11 2021.

* THIS IS A TEST MESSAGE. BASED ON THE PRELIMINARY EARTHQUAKE PARAMETERS... WIDESPREAD HAZARDOUS TSUNAMI WAVES ARE POSSIBLE.

TEST... TSUNAMI THREAT FORECAST ...TEST

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

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

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)
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1428 03/11
SABA	SABA	17.6N	63.2W	1429 03/11
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1433 03/11
BASSETTERRE	SAINT KITTS	17.3N	62.7W	1434 03/11
SAN JUAN	PUERTO RICO	18.5N	66.1W	1435 03/11
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1435 03/11
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1437 03/11
THE VALLEY	ANGUILLA	18.3N	63.1W	1438 03/11
PALMETTO POINT	BARBUDA	17.6N	61.9W	1441 03/11
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1447 03/11
PLYMOUTH	MONTSEERRAT	16.7N	62.2W	1448 03/11
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1449 03/11
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1451 03/11
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1452 03/11
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1452 03/11
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1453 03/11
ROSEAU	DOMINICA	15.3N	61.4W	1453 03/11
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1456 03/11
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1458 03/11

BRIDGETOWN	BARBADOS	13.1N	59.6W	1510	03/11
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1512	03/11
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1514	03/11
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1515	03/11
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1518	03/11
CAP HAITEN	HAITI	19.8N	72.2W	1519	03/11
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1520	03/11
MAYAGUANA	BAHAMAS	22.3N	73.0W	1526	03/11
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1527	03/11
ONIMA	BONAIRE	12.3N	68.3W	1530	03/11
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1532	03/11
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	1532	03/11
SAINT GEORGES	GRENADA	12.0N	61.8W	1532	03/11
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1534	03/11
WILLEMSTAD	CURACAO	12.1N	68.9W	1537	03/11
BARACOA	CUBA	20.4N	74.5W	1537	03/11
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1538	03/11
JACAMEL	HAITI	18.1N	72.5W	1542	03/11
LONG ISLAND	BAHAMAS	23.3N	75.1W	1542	03/11
ORANJESTAD	ARUBA	12.5N	70.0W	1543	03/11
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1552	03/11
EXUMA	BAHAMAS	23.6N	75.9W	1554	03/11
MAIQUETIA	VENEZUELA	10.6N	67.0W	1556	03/11
CAT ISLAND	BAHAMAS	24.4N	75.5W	1558	03/11
ESSO PIER	BERMUDA	32.4N	64.7W	1559	03/11
ABACO ISLAND	BAHAMAS	26.6N	77.1W	1605	03/11
CUMANA	VENEZUELA	10.5N	64.2W	1607	03/11
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1611	03/11
MONTEGO BAY	JAMAICA	18.5N	77.9W	1613	03/11
RIOHACHA	COLOMBIA	11.6N	72.9W	1622	03/11
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1624	03/11
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1625	03/11
NASSAU	BAHAMAS	25.1N	77.4W	1628	03/11
KINGSTON	JAMAICA	17.9N	76.9W	1628	03/11
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1628	03/11
FREEPORT	BAHAMAS	26.5N	78.8W	1631	03/11
JEREMIE	HAITI	18.6N	74.1W	1638	03/11
GIBARA	CUBA	21.1N	76.1W	1642	03/11
CARTAGENA	COLOMBIA	10.4N	75.6W	1645	03/11
CIENFUEGOS	CUBA	22.0N	80.5W	1647	03/11
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1652	03/11
PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	1700	03/11
ALIGANDI	PANAMA	9.2N	78.0W	1702	03/11
BIMINI	BAHAMAS	25.8N	79.3W	1703	03/11

* 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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NNNN

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.

PTWC Message #3

ZCZC
WECA41 PHEB 111425
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 3...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 11 2021

...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	8.5
* ORIGIN TIME	1400 UTC MAR 11 2021
* COORDINATES	19.0 NORTH 62.5 WEST
* DEPTH	25 KM / 16 MILES
* LOCATION	LEEWARD ISLANDS

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.5 OCCURRED IN THE LEEWARD ISLANDS AT 1400 UTC ON THURSDAY MARCH 11 2021.
- * 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

ANGUILLA... ANTIGUA AND BARBUDA... GUADELOUPE...
MONTERRAT... PUERTO RICO AND VIRGIN ISLANDS... SABA AND
SAINT EUSTATIUS... SAINT BARTHELEMY... SAINT KITTS AND
NEVIS... SINT MAARTEN... AND SAINT MARTIN.

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

DOMINICAN REPUBLIC... VENEZUELA... ARUBA... BAHAMAS...
BARBADOS... BERMUDA... BONAIRE... CURACAO... DOMINICA...
GRENADA... MARTINIQUE... SAINT LUCIA... SAINT VINCENT AND
THE GRENADINES... TRINIDAD AND TOBAGO... AND TURKS AND
CAICOS ISLANDS.

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

BRAZIL... COLOMBIA... COSTA RICA... CUBA... FRENCH
GUYANE... GUYANA... HAITI... NICARAGUA... PANAMA...
SURINAME... 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)
SABA	SABA	17.6N	63.2W	1429 03/11
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1430 03/11
THE VALLEY	ANGUILLA	18.3N	63.1W	1431 03/11
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1432 03/11
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1432 03/11
SAN JUAN	PUERTO RICO	18.5N	66.1W	1433 03/11
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1434 03/11
BASSETERRE	SAINT KITTS	17.3N	62.7W	1436 03/11
PLYMOUTH	MONTSERRAT	16.7N	62.2W	1442 03/11
PALMETTO POINT	BARBUDA	17.6N	61.9W	1443 03/11
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1446 03/11
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1448 03/11
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1448 03/11
ROSEAU	DOMINICA	15.3N	61.4W	1454 03/11
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1457 03/11
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1458 03/11
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1459 03/11
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1500 03/11
CASTRIES	SAINT LUCIA	14.0N	61.0W	1501 03/11
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1501 03/11
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1501 03/11
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1507 03/11
BRIDGETOWN	BARBADOS	13.1N	59.6W	1509 03/11
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1509 03/11
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1511 03/11
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1515 03/11
CAP HAITEN	HAITI	19.8N	72.2W	1518 03/11
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1521 03/11
MAYAGUANA	BAHAMAS	22.3N	73.0W	1525 03/11
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1527 03/11
ONIMA	BONAIRE	12.3N	68.3W	1527 03/11
BARACOA	CUBA	20.4N	74.5W	1538 03/11
JACAMEL	HAITI	18.1N	72.5W	1539 03/11
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1539 03/11
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1540 03/11
ORANJESTAD	ARUBA	12.5N	70.0W	1541 03/11
SAINT GEORGES	GRENADA	12.0N	61.8W	1542 03/11
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1543 03/11
LONG ISLAND	BAHAMAS	23.3N	75.1W	1549 03/11
JEREMIE	HAITI	18.6N	74.1W	1549 03/11
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1552 03/11
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	1553 03/11
MAIQUETIA	VENEZUELA	10.6N	67.0W	1554 03/11
GIBARA	CUBA	21.1N	76.1W	1555 03/11
EXUMA	BAHAMAS	23.6N	75.9W	1557 03/11
CAT ISLAND	BAHAMAS	24.4N	75.5W	1557 03/11

ESSO PIER	BERMUDA	32.4N	64.7W	1558 03/11
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1559 03/11
WILLEMSTAD	CURACAO	12.1N	68.9W	1601 03/11
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1603 03/11
CUMANA	VENEZUELA	10.5N	64.2W	1611 03/11
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1612 03/11
NASSAU	BAHAMAS	25.1N	77.4W	1624 03/11
SANTA MARTA	COLOMBIA	11.2N	74.2W	1626 03/11
MONTEGO BAY	JAMAICA	18.5N	77.9W	1635 03/11
FREEPORT	BAHAMAS	26.5N	78.8W	1636 03/11
ABACO ISLAND	BAHAMAS	26.6N	77.1W	1639 03/11
PORT AU PRINCE	HAITI	18.5N	72.4W	1642 03/11
CARTAGENA	COLOMBIA	10.4N	75.6W	1642 03/11
CIENFUEGOS	CUBA	22.0N	80.5W	1646 03/11
BIMINI	BAHAMAS	25.8N	79.3W	1649 03/11
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1651 03/11
KINGSTON	JAMAICA	17.9N	76.9W	1651 03/11
RIOHACHA	COLOMBIA	11.6N	72.9W	1655 03/11
PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	1655 03/11
ALIGANDI	PANAMA	9.2N	78.0W	1704 03/11
PUERTO CARRETO	PANAMA	8.8N	77.6W	1710 03/11
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1722 03/11
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1726 03/11
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1742 03/11
COLON	PANAMA	9.4N	79.9W	1744 03/11
BOCAS DEL TORO	PANAMA	9.4N	82.2W	1756 03/11
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1807 03/11
CAYENNE	FRENCH GUYANE	4.9N	52.3W	1820 03/11
PUNTA GORDA	NICARAGUA	11.4N	83.8W	1833 03/11
GEORGETOWN	GUYANA	6.8N	58.2W	1907 03/11
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1907 03/11
SANTA CRZ D SUR	CUBA	20.7N	78.0W	1909 03/11
PARAMARIBO	SURINAME	5.9N	55.2W	1924 03/11
PORLAMAR	VENEZUELA	10.9N	63.8W	1927 03/11
NUEVA GERONA	CUBA	21.9N	82.8W	2047 03/11
PUERTO CABEZAS	NICARAGUA	14.0N	83.4W	2201 03/11
ILHA DE MARACA	BRAZIL	2.2N	50.5W	2206 03/11

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.

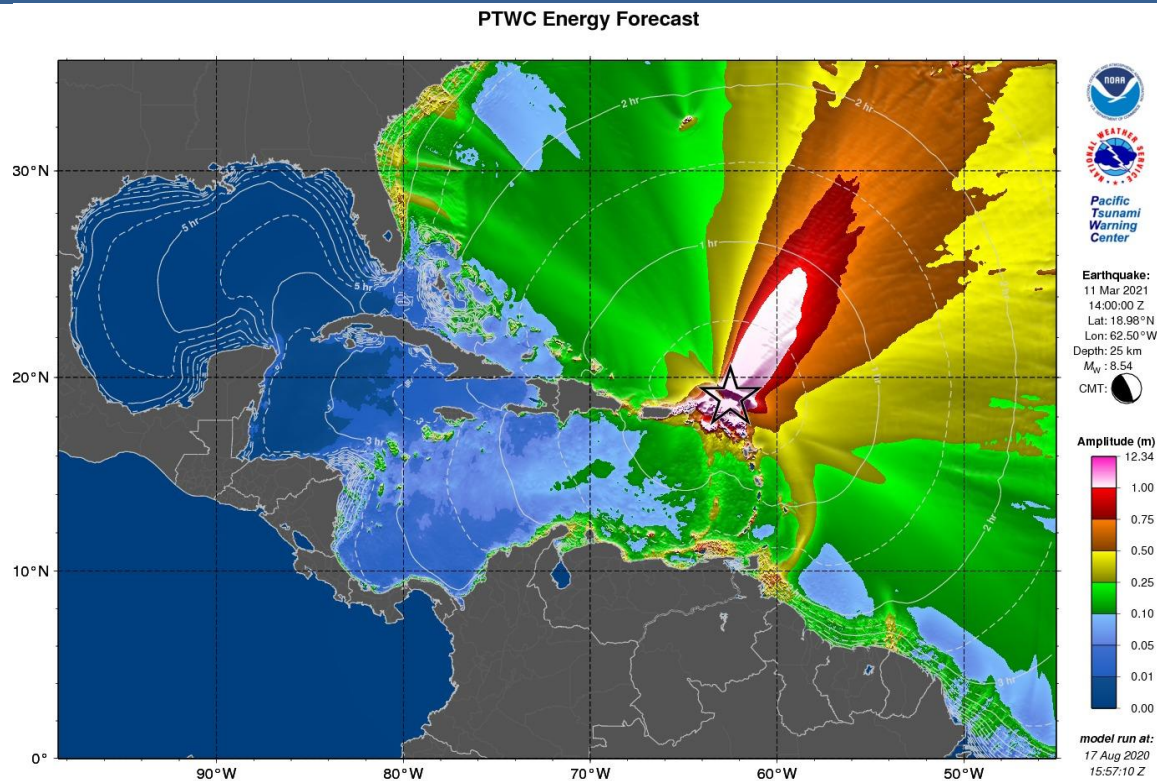
THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST
MESSAGE.

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NNNN

Pronóstico de Amplitud de Olas de Tsunami

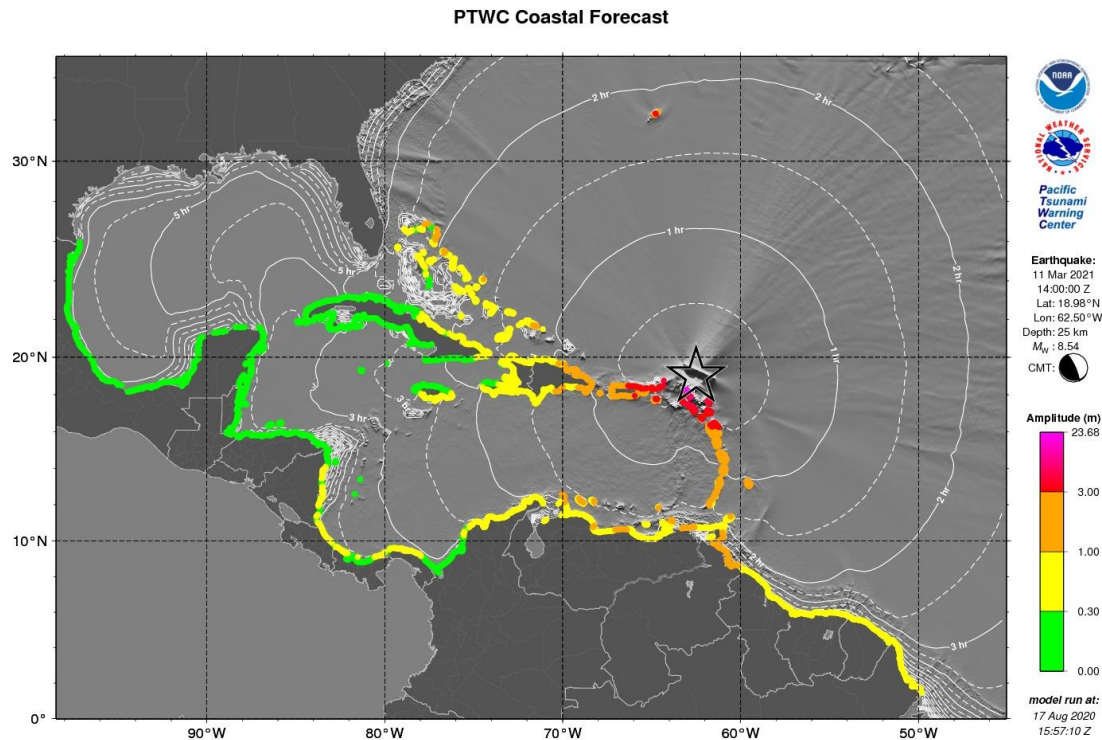
Antillas Menores del Norte



Mapa RIFT con la amplitud máxima del tsunami basado en el escenario de las Antillas Menores del Norte.

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.

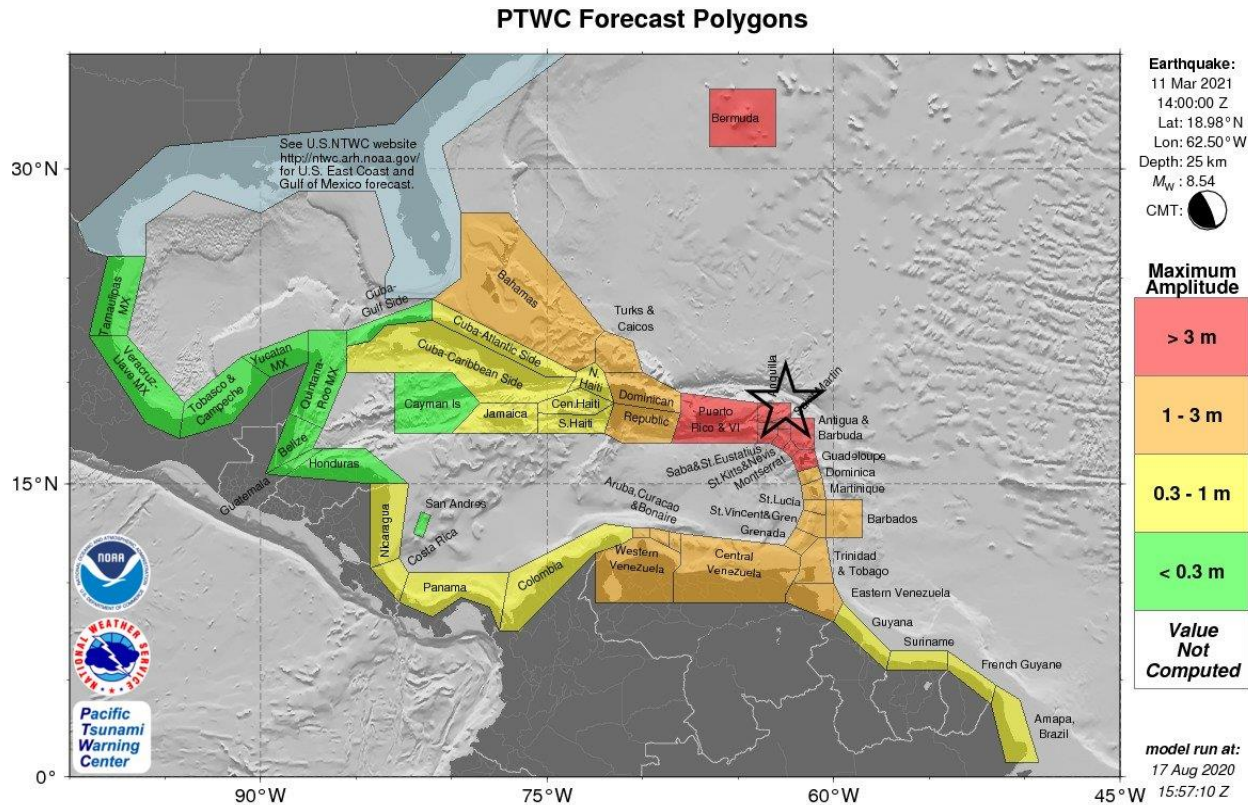
Pronóstico de Amplitud de Olas de Tsunami Antillas Menores del Norte



Mapa RIFT con la amplitud máxima del tsunami en la costa del Sur del Caribe basado en el escenario de las Antillas Menores del Norte.

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 Antillas Menores del Norte

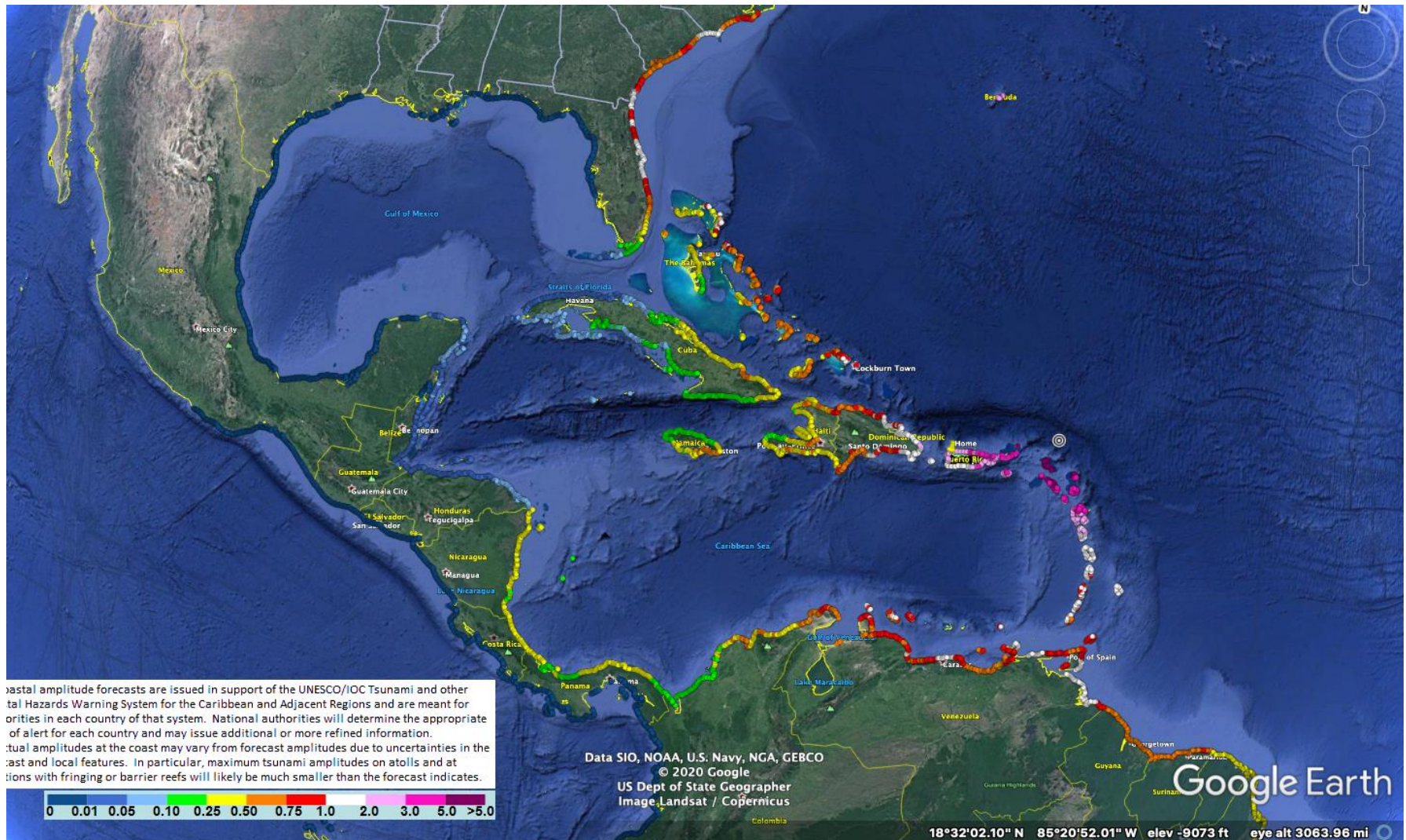


Mapa RIFT de polígonos de pronóstico para la región del Caribe basado en el escenario de las Antillas Menores del Norte.

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

Antillas Menores del Norte



Estadísticas de pronóstico para polígonos regionales*

Antillas Menores del Norte

Region_Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Anguilla	24.	15.00	11.00	6.70	8.8	6.40	6.30	1.90	8
Saint-Barthelemy	12.	8.70	9.00	2.80	7.4	6.10	6.80	1.60	4
Antigua_and-Barbuda	7.8	4.50	4.20	1.30	4.0	2.50	2.60	1.10	28
Puerto_Rico_and_Virgin_Islands	7.6	2.60	2.50	0.88	3.5	1.40	1.30	0.70	190
Saint_Kitts_and_Nevis	7.2	4.60	3.90	1.30	5.9	2.10	1.70	1.30	29
Saba_and_Saint_Eustatius	6.8	5.00	4.50	0.96	3.3	1.60	1.50	0.75	8
Sint_Maarten	6.8	5.70	5.30	0.81	7.6	5.90	6.20	1.10	6
Saint_Martin	5.4	5.40	5.40	0.00	6.6	6.00	6.20	0.59	3
Guadeloupe	3.7	2.80	2.70	0.59	3.9	1.20	0.96	0.74	73
Montserrat	3.4	3.00	3.10	0.41	2.0	1.00	0.87	0.43	11
Bermuda	3.0	2.90	2.90	0.12	1.9	1.20	1.10	0.49	8
Dominica	2.3	1.80	1.90	0.30	1.8	0.55	0.47	0.30	31
Atlantic_Coast_of_Dominican_Republic	2.0	1.10	1.00	0.34	1.8	0.49	0.41	0.31	129
Barbados	2.0	1.40	1.40	0.23	1.1	0.53	0.50	0.16	21
Atlantic_Coast_of_Venezuela	2.0	1.50	1.50	0.31	0.82	0.41	0.40	0.15	82
Bahamas	1.8	0.54	0.50	0.26	0.88	0.24	0.21	0.14	443
Martinique	1.8	1.40	1.30	0.23	1.8	0.68	0.63	0.35	41
Central_Coast_of_Venezuela	1.7	0.85	0.78	0.26	1.3	0.44	0.41	0.21	238
Caribbean_Coast_of_Dominican_Republic	1.7	0.87	0.82	0.33	1.3	0.42	0.36	0.22	148
Saint_Vincent_and_the_Grenadines	1.6	1.10	1.10	0.15	0.83	0.51	0.51	0.20	33
Grenada	1.6	1.10	1.10	0.29	0.97	0.58	0.56	0.21	29
Trinidad_and_Tobago	1.5	0.94	0.95	0.19	1.2	0.40	0.38	0.16	77
Curacao	1.4	0.89	0.78	0.25	0.90	0.34	0.29	0.17	27
Bonaire	1.4	0.97	0.94	0.13	1.3	0.60	0.55	0.29	15
Saint_Lucia	1.4	1.10	1.10	0.11	0.81	0.43	0.41	0.15	26
Aruba	1.3	1.10	1.10	0.15	0.67	0.45	0.41	0.14	8
Turks_and_Caicos_Islands	1.2	0.84	0.80	0.18	1.5	0.41	0.35	0.24	46
Western_Coast_of_Venezuela	1.2	0.84	0.84	0.13	1.0	0.53	0.56	0.19	100
Atlantic_Coast_of_Haiti	0.94	0.51	0.50	0.17	0.62	0.18	0.15	0.10	66
Suriname	0.83	0.59	0.55	0.09	0.65	0.23	0.20	0.11	109
Caribbean_Coast_of_Colombia	0.79	0.40	0.40	0.17	0.73	0.26	0.23	0.14	255
Guyana	0.79	0.64	0.64	0.05	0.58	0.23	0.21	0.07	101
French_Guyane	0.75	0.42	0.42	0.04	0.76	0.21	0.17	0.13	84
Caribbean_Coast_of_Haiti	0.70	0.43	0.41	0.09	0.38	0.16	0.15	0.06	89
Jamaica	0.66	0.29	0.22	0.16	0.39	0.12	0.09	0.08	146
Atlantic_Coast_of_Cuba	0.59	0.27	0.30	0.15	0.33	0.09	0.09	0.06	259
Gulf_of_Gonave_Coast_of_Haiti	0.59	0.35	0.34	0.09	0.24	0.10	0.09	0.04	140
Caribbean_Coast_of_Costa_Rica	0.45	0.35	0.33	0.05	0.35	0.19	0.18	0.06	48
Caribbean_Coast_of_Nicaragua	0.42	0.30	0.29	0.04	0.23	0.09	0.09	0.04	130
Amapa_Brazil	0.42	0.37	0.36	0.03	0.38	0.12	0.10	0.06	116
Caribbean_Coast_of_Cuba	0.41	0.12	0.10	0.07	0.23	0.04	0.03	0.03	422
Caribbean_Coast_of_Panama	0.37	0.28	0.29	0.05	0.41	0.17	0.17	0.07	179
San_Andres_and_Providencia	0.23	0.23	0.23	0.00	0.10	0.09	0.09	0.01	4
Quintana_Roo_Mexico	0.08	0.04	0.05	0.02	0.10	0.02	0.02	0.02	166
Caribbean_Coast_of_Honduras	0.08	0.04	0.03	0.02	0.05	0.02	0.01	0.01	185
Cayman_Islands	0.07	0.06	0.06	0.01	0.08	0.04	0.02	0.02	9
Gulf_of_Mexico_Coast_of_Cuba	0.05	0.03	0.03	0.01	0.03	0.01	0.01	0.00	122
Belize	0.05	0.03	0.03	0.01	0.09	0.01	0.01	0.01	90
Yucatan_Mexico	0.03	0.01	0.00	0.01	0.01	0.00	0.00	0.00	42
Caribbean_Coast_of_Guatemala	0.03	0.02	0.02	0.00	0.02	0.01	0.01	0.00	13

* Las amplitudes reales en la costa pueden variar de las amplitudes de pronóstico debido a las incertidumbres en el pronóstico y las características locales. En particular, las amplitudes máximas de los tsunamis en las islas pequeñas probablemente serán mucho menores de lo previsto.

PTWC Message #13

ZCZC
WECA41 PHEB 112300
TSUCAX

TEST...TSUNAMI MESSAGE NUMBER 13...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2300 UTC THU MAR 11 2021

...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 8.5
* ORIGIN TIME 1400 UTC MAR 11 2021
* COORDINATES 19.0 NORTH 62.5 WEST
* DEPTH 25 KM / 16 MILES
* LOCATION LEEWARD ISLANDS

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.5 OCCURRED IN THE LEEWARD ISLANDS AT 1400 UTC ON THURSDAY MARCH 11 2021.

* 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 (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LON			
PUERTO BILWI NI	14.0N	83.4W	2215	0.33M/ 1.1FT	24
PUERTO EL BLUFF NI	12.0N	83.7W	1936	0.31M/ 1.0FT	20
WRIGHT BEACH NC	34.2N	77.8W	1843	0.72M/ 2.4FT	20
CORN ISLAND NI	12.3N	83.1W	1847	0.33M/ 1.1FT	16
VACA KEY FL	24.7N	81.1W	1842	0.09M/ 0.3FT	20
TRIDENT PIER FL	28.4N	80.6W	1839	1.42M/ 4.6FT	20
BEAUFORT NC	34.7N	76.7W	1822	0.78M/ 2.6FT	18
ISLA MUJERES MX	21.3N	86.7W	1818	0.08M/ 0.3FT	18
ILE ROYAL GUIANA FR	5.3N	52.6W	1759	0.40M/ 1.3FT	24
LIMON CR	10.0N	83.0W	1749	0.45M/ 1.5FT	18
PUERTO MORELOS MX	20.9N	86.9W	1747	0.06M/ 0.2FT	22
SAPZURRO CO	8.7N	77.4W	1731	0.19M/ 0.6FT	22
VIRGINIA KEY FL	25.7N	80.2W	1727	0.25M/ 0.8FT	24
EL PORVENIR PA	9.6N	78.9W	1724	0.36M/ 1.2FT	28
SAN ANDRES CO	12.6N	81.7W	1729	0.20M/ 0.7FT	18

SETTLEMENT PT BS	26.7N	79.0W	1710	0.39M/	1.3FT	14
PORT ROYAL JM	17.9N	76.8W	1657	0.59M/	1.9FT	18
ISLA NAVAL CO	10.2N	75.8W	1656	0.25M/	0.8FT	24
SANTA MARTA CO	11.2N	74.2W	1639	0.49M/	1.6FT	22
BERMUDA UK	32.4N	64.7W	1608	2.87M/	9.4FT	22
PRICKLEY BAY GD	12.0N	61.8W	1553	1.44M/	4.7FT	26
BULLEN BAY CURACAO	12.2N	69.0W	1546	1.40M/	4.6FT	16
BARAHONA DO	18.2N	71.1W	1537	0.82M/	2.7FT	22
GANTERS BAY ST LUCI	14.0N	61.0W	1532	1.14M/	3.8FT	26
DART 41425	28.7N	65.7W	1529	0.16M/	0.5FT	22
CAP HAITIEN HT	19.8N	72.2W	1525	0.48M/	1.6FT	18
CALLIAQUA VC	13.1N	61.2W	1527	1.27M/	4.2FT	28
GRAND TURK ISLAND T	21.4N	71.1W	1524	0.89M/	2.9FT	24
CULEBRA IS PR	18.3N	65.3W	1514	3.16M/	10.4FT	14
DART 42407	15.3N	68.2W	1516	0.08M/	0.3FT	26
MAGUEYES ISLAND PR	18.0N	67.0W	1512	1.14M/	3.8FT	28
PUERTO PLATA DO	19.8N	70.7W	1509	0.82M/	2.7FT	28
FORT DE FRANCE MQ	14.6N	61.1W	1507	1.27M/	4.2FT	22
PUNTA CANA DO	18.5N	68.4W	1506	1.29M/	4.2FT	16
LAMESHURBAYSTJOHNVI	18.3N	64.7W	1504	3.80M/	12.5FT	28
MONA ISLAND PR	18.1N	67.9W	1509	1.26M/	4.1FT	22
LE ROBERT MARTINIQU	14.7N	60.9W	1508	1.22M/	4.0FT	28
BLOWING POINT AI	18.2N	63.1W	1502	9.02M/	29.6FT	16
ROSEAU DM	15.3N	61.4W	1503	2.26M/	7.4FT	18
LE PRECHEUR MARTINI	14.8N	61.2W	1459	1.29M/	4.2FT	20
PORTSMOUTH DM	15.6N	61.5W	1456	2.23M/	7.3FT	24
SAINT MARTIN FR	18.1N	63.1W	1502	5.44M/	17.9FT	26
DART 41420	23.4N	67.3W	1457	0.17M/	0.6FT	18
MAYAGUEZ PR	18.2N	67.2W	1457	2.49M/	8.2FT	26
POINT A PITRE GP	16.2N	61.5W	1451	2.68M/	8.8FT	26
DESHAIES GUADELOUPE	16.3N	61.8W	1454	2.74M/	9.0FT	26
ESPERANZA VIEQUES P	18.1N	65.5W	1450	2.40M/	7.9FT	20
ARECIBO PR	18.5N	66.7W	1450	2.31M/	7.6FT	22
YABUCOA PR	18.1N	65.8W	1448	2.88M/	9.5FT	22
BASSETERRE KN	17.3N	62.7W	1445	5.15M/	16.9FT	16
DART 41421	23.4N	63.8W	1445	0.22M/	0.7FT	24
SAN JUAN PR	18.5N	66.1W	1446	2.87M/	9.4FT	14
LIMETREE VI	17.7N	64.8W	1447	2.25M/	7.4FT	20
ST CROIX VI	17.7N	64.7W	1435	3.56M/	11.7FT	24
PARHAM AT	17.1N	61.8W	1439	3.56M/	11.7FT	22
DESIRADE GUADELOUPE	16.3N	61.1W	1434	2.91M/	9.5FT	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.

\$\$

NNNN

Participación de los Estados Miembros

Registro de *TsunamiZone*

Cada país debe establecer su propio grupo de trabajo para decidir el enfoque de la participación y pruebas de comunicación.

The screenshot shows the TsunamiZone website. At the top is a navigation bar with links: Inicio, Regiones del TsunamiZone, Otros Idiomas, Contáctenos, Búsqueda, and Iniciar sesión. Below this is a large banner image of a rocky coastline with the text 'The TsunamiZone' and a white silhouette of a person running. A red box highlights the link '¿Quien participará?' in the navigation bar. Below the banner, there's a section titled '¡BIENVENIDO AL TSUNAMIZONE!' with links for 'ENGLISH' and 'FRANÇAIS'. The main content area on the left contains text about tsunami preparedness and a link to '¡Inscríbese'. On the right, there's a section titled 'OFICIALES EVENTOS 2020' listing various events with dates and locations.

Inicio Regiones del TsunamiZone Otros Idiomas Contáctenos Búsqueda Iniciar sesión

The TsunamiZone

¡Inscríbese 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?

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

¡Manténgase a salvo, aléje...

OFICIALES EVENTOS 2020

Oficiales TsunamiZone Regiones están vinculados a más información, incluyendo eventos regionales:

16-20 de marzo
[Puerto Rico](#)
[Islas Vírgenes de EE.UU.](#)
[CARIBE WAVE](#) (19 de marzo)

23-27 de marzo
[California](#), [Alaska](#)

24 de marzo
[LANTEX20](#)

26 de marzo
[PACIFEX20](#)

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

TWFP y NTWC no necesitan estar registrados en TsunamiZone para recibir los boletines simulados del PTWC, **pero se les anima hacerlo para ser parte del recuento estadístico de quién participa.**



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?

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24 de marzo

[LANTEX20](#)

26 de marzo

[PACIFEX20](#)

5 de Noviembre

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

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

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

PARTICIPATION TOTALS

31 participants are registered in the 2021 TsunamiZone (as of 01/26/2021 3:25 AM PST).

Category	Participants	Participation totals for each area	Total
Individuals/Families	6		
Childcare and Pre-Schools	0	Anguilla	0
K-12 Schools and Districts	0	Antigua and Barbuda	0
Colleges and Universities	0	Aruba	0
Local Government	14	Bahamas	0
State Government	0	Barbados	0
Federal/National Government (Including Military)	0	Belize	0
Tribes/Indigenous Peoples	0	Bermuda	0
Businesses	0	Bonaire	0
Hotels and Other Lodgings	0	Brazil	0
Healthcare	0	British Virgin Islands	14
Senior Facilities/Communities	0	Cayman Islands	0
Disability/AFN Organizations	0	Colombia	0
Non-Profit Organizations	11	Costa Rica	0
Neighborhood Groups	0	Cuba	0
Preparedness Organizations	0	Curacao	0
Faith-based Organizations	0	Dominica	0
Museums, Libraries, Parks, etc.	0	Dominican Republic	0
Volunteer/Service Clubs	0	France	0
Youth Organizations	0	Grenada	0
Animal Shelter/Service Providers	0		
Agriculture/Livestock Sector	0		
Volunteer Radio Groups	0		
Science/Engineering Organizations	0		
Media Organizations	0		
Other	0		
		Guadeloupe	0
		Guatemala	0
		Guyana	0
		Guyane	0
		Haiti	0
		Honduras	0
		Jamaica	0
		Martinique	0
		Mexico	0
		Montserrat	0
		Netherlands	0
		Nicaragua	0
		Panama	0
		Puerto Rico	14
		Adjuntas	0
		Aguada	0
		Aguadilla	0
		Aguas Buenas	0
		Aibonito	0
		Anasco	0
		Arecibo	0
		Arroyo	0
		Barceloneta	0
		Barranquitas	0
		Bayamon	0
		Cabo Rojo	0
		Camuy	0
		Canovanas	0
		Caguas	0
		Carolina	0
		Catano	0
		Cayey	0
		Ceiba	0
		Ciales	0
		Cidra	0
		Coamo	0
		Comerio	0
		Corozal	0
		Culebra	0
		Dorado	0
		Fajardo	0
		Florida	0
		Guanica	0
		Guayama	0

Guaynabo	0
Guayanilla	0
Gurabo	0
Hatillo	0
Hormigueros	0
Humacao	0
Isabela	0
Jayuya	0
Juana Díaz	0
Juncos	0
Lajas	0
Lares	0
Las Marias	0
Las Piedras	0
Loíza	0
Luquillo	0
Manatí	0
Maricao	0
Maunabo	0
Mayaguez	0
Moca	0
Morovis	0
Naguabo	0
Naranjito	0
Orocovis	0
Patillas	0
Penuelas	0
Ponce	0
Quebradillas	0
Rincón	0
Río Grande	0
Sabana Grande	0
Salinas	0
San German	0
San Juan	0
San Lorenzo	0
San Sebastián	0
Santa Isabel	0
Toa Alta	0
Toa Baja	0
Trujillo Alto	0
Utado	0
Vega Alta	0
Vega Baja	0
Vieques	0
Villalba	0
Yabucoa	0
Yauco	0
Saba	0
Saint Barthelemy	0
Saint Kitts and Nevis	0

Saint Lucia	0
Saint Martin	0
Saint Vincent and the Grenadines	0
Sint Eustatius	0
Sint Maarten	0
Suriname	0
Trinidad and Tobago	0
Turks and Caicos Islands	0
US Virgin Islands	0
Venezuela	3

Recursos

- 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 2021.
- Informe Final CARIBE WAVE 2013 hasta 2020.
- Plan de Comunicaciones de PTWC para el Caribe.
- Disponible en www.caribewave.info
- Preguntas sobre el ejercicio pueden ser dirigidas a los miembros del Equipo de Trabajo Caribe Wave 21.

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 para tsunamis: <http://www.ioc-tsunami.org/index.php?>

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 CTWP (www.caribewave.info).
- Enviar enlaces de paginas nacionales a christa.vonh@noaa.gov para incluir en la página del CTWP.
- Esta presentación está disponible en la pagina del CTWP (<https://www.weather.gov/ctwp/caribewave21>).

Guías para Planificación de un Programa de Ejercicios Comunitarios Multianuales

Intergovernmental Oceanographic Commission
Manuals and Guides

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Multi-Annual Community Tsunami Exercise Programme

**Guidelines for the Tsunami and other
Coastal Hazards Warning System for
the Caribbean and Adjacent Regions**

(Draft 2: 06/08/2020)

UNESCO

- Borrador 2: 08/06/2020 - actualización importante del borrador anterior titulado "Directrices metodológicas"
- Se recomienda esta guía para que los Estados miembros consideren los ejercicios Caribe Wave.
- Proporciona a los líderes comunitarios para llevar a cabo y evaluar un ejercicio de evacuación por 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 velar por la seguridad de quienes viven en su área y los líderes comunitarios - actores de la vida social y económica del área.
- Se publicará en el sitio web de CW 21 en Caribewave.info

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Cronología

ACCIÓN	FECHA LÍMITE
Carta Circular Emitida por el IOC a los MS	✓Septiembre 2020
Borrados del Manual Circulado entre ICG CARIBE EWS TNC/TWFP y TT CARIBE WAVE 201	✓Septiembre 2020
Fecha límite para comentarios	✓Octubre 2020
Manual de Ejercicios Disponible en Línea	✓Noviembre 2020
1 ^{er} Seminario en línea de CW	✓26 de enero 2021 - Inglés ✓27 de enero de 2021 - Español 28 de enero 2021 – Francés (Vista general, Productos PTWC, Registro)
2 ^{do} Seminario en línea de CW	23 de febrero de 2021 - Inglés 24 de febrero de 2021 - Español 25 de febrero de 2021 – Francés Actualización, Métodos de Comunicación, Cuestionario CW)
Los Países Indican el Escenario Seleccionado	26 Febrero 2021
Ejercicio	11 Marzo 2021
Plazo para Evaluación del Ejercicio	26 Marzo 2021

Reporte Final Caribe Wave 21

2 Abril 2021

Preguntas, Comentarios

¡Gracias por su participación!

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