



Primer seminario en línea

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ICG CARIBE EWS Chair

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CARIBE WAVE 2017

- 32 países y 15 territorios en el Caribe y Regiones Adyacentes participaron en este ejercicio con un total de casi 679,985 personas se registraron.
 - Esto representó un aumento de 102% en el numero de participantes de los países miembros (de 332,812 participantes en 2016)



Objetivos

1. Ejecutar y evaluar las operaciones del sistema de alerta de Tsunami del CARIBE EWS.

- A. Validar la emisión de productos de tsunami desde el 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 el uso de los productos PTWC CARIBE EWS.

- A. Validar la preparación para responder a un tsunami.
- B. Validar la disponibilidad operacional de los TWFP (o como función) y/o la Oficina Nacional de gestión 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 TWFP y NTWC a las agencias pertinentes del país y al público sea precisa y oportuna.
- E. Evaluar el estado de la implementación del programa de reconocimiento TsunamiReady.

Metas

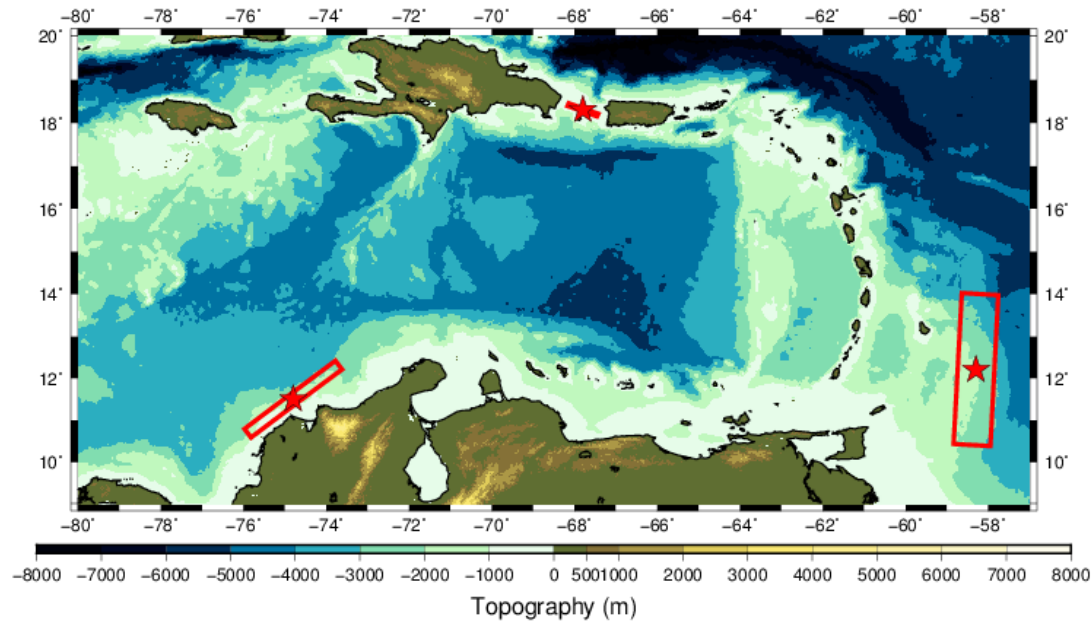
Meta	2013 Resultado	2014 Métrica	2014 Resultado	2015 Métrica	2015 Resultado	2016 Métrica	2016 Resultado	2017 Métrica	2017 Resultado	2018 Métrica
Participación de los países miembros del ICG CARIBE EWS - con Punto Focal de Alerto de Tsunami designado	94%	95%	98% (incluyen do dos MS/Terri torios no oficiales)	95%	100%	100%	100%	100%	100%	100%
Cumplimiento con el periodo de tiempo	Cerca de 100%	100%	Cerca de 100%	100%	Cerca de 100%	100%	Cerca de 100%	100%	Cerca de 100%	100%
Participación de la comunidad (más allá del TWFP)	75%	75%	75%	80%	66%	85%	73%	90%	82%	95%
Número de personas registradas	44,000	+10%	191,000	+10%	191,420	+10%	332,814	+10%	747,326	+10%
Recibo de los mensajes “dummy” al TWFP	98%	100%	94%	100%	90%	100%	84%	100%	95%	100%
Países que enviaron el cuestionario del ejercicio	90%	100%	100%	100%	91%	100%	100%	100%	100%	100%

Manual del Ejercicio

- Disponible en línea 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 18

Mapa de los Escenarios

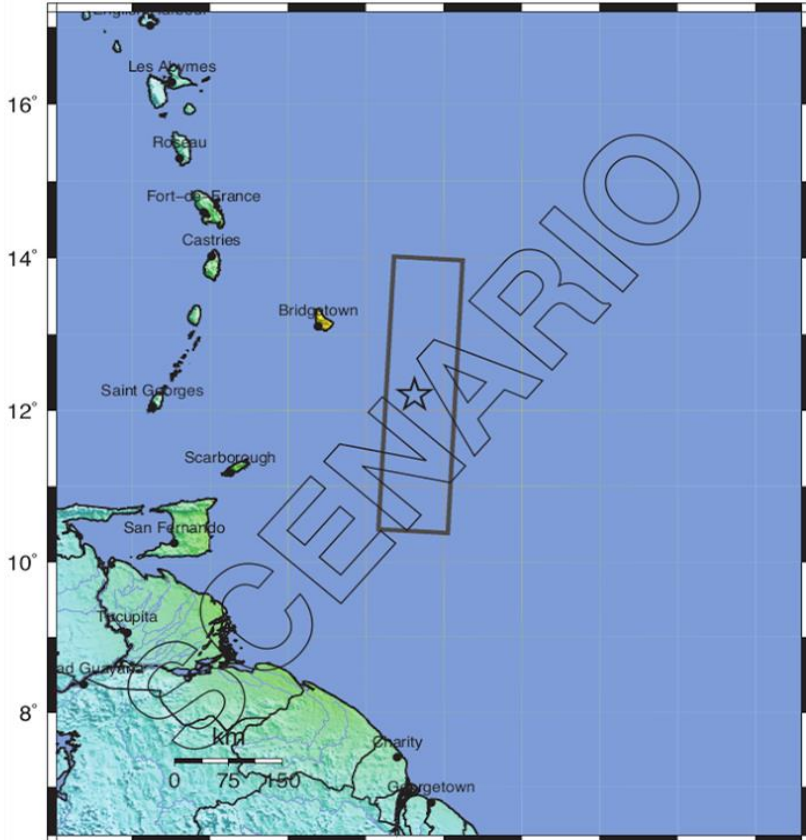


Escenario	Tiempo de Origen	Mw	Epicentro
Barbados	14:00:00 UTC 15 de marzo de 2018	8.6	12.20°, -58.30°
Colombia		8.1	11.5°, -74.8°
Puerto Rico		7.6	18.3°, -67.8°

Escenario del Impacto del Terremoto Barbados

--- Earthquake Planning Scenario --- ShakeMap for Barbados Scenario

Scenario Date: Mar 15, 2018 14:00:00 UTC M 8.6 N12.21 W58.38 Depth: 20.9km



PLANNING SCENARIO ONLY --- Map Version 1 Processed 2017-08-18 19:39:42 UTC

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very Heavy
PEAK ACC.(%g)	<0.05	0.3	2.8	6.2	12	22	40	75	>139
PEAK VEL.(cm/s)	<0.02	0.1	1.4	4.7	9.6	20	41	86	>178
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Worden et al. (2012)



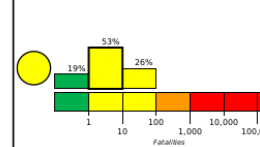
M 8.6, Barbados Scenario

Origin Time: 2018-03-15 14:00:00 UTC (Thu 10:00:00 local)
Location: 12.2051° N 58.3792° W Depth: 20.9 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

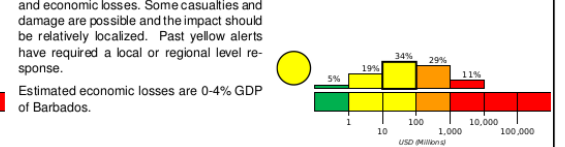


PAGER Version 1

Estimated Fatalities



Estimated Economic Losses



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.

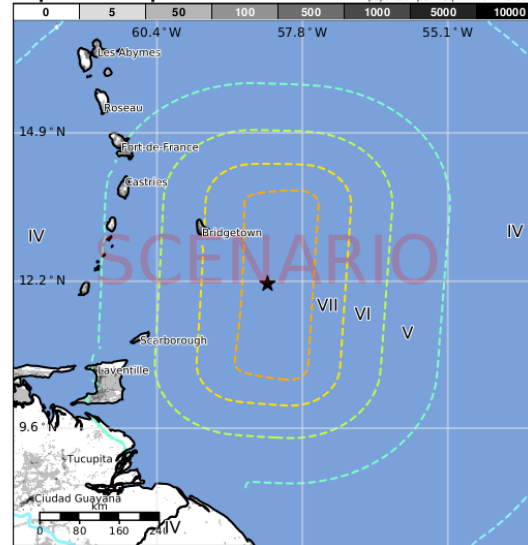
Estimated economic losses are 0-4% GDP of Barbados.

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	-*	39k*	2,846k*	1,727k	150k	143k	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-07-12	351	5.8	V(439k)	-
1988-03-10	322	6.6	VII(20k)	-
1997-04-22	315	6.6	VII(9k)	0

Selected City Exposure

MMI	City	Population
VII	Crane	1k
VII	Four Cross Roads	<1k
VII	Oistins	2k
VI	Welchman Hall	<1k
VI	Bridgetown	99k
VI	Bathsheba	2k
V	Chaguanas	67k
V	Fort-de-France	90k
V	San Fernando	55k
V	Laventille	157k
IV	Georgetown	235k

bold 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.

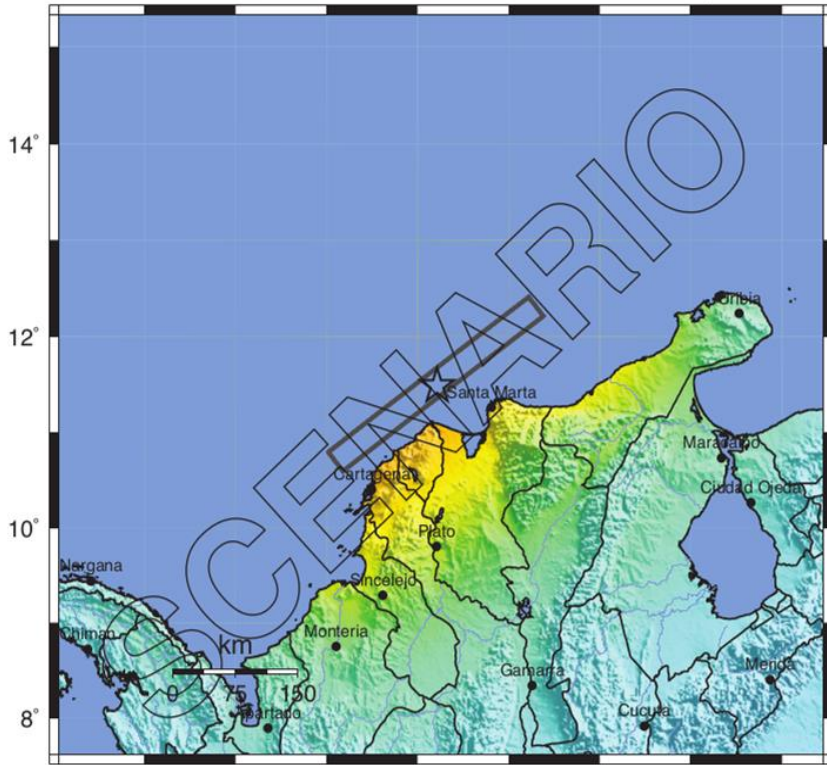
<http://earthquake.usgs.gov/data/pager/>

Event ID: uscaribewave2018.barbados.se

Escenario del Impacto del Terremoto Colombia

-- Earthquake Planning Scenario -- ShakeMap for Colombia Scenario

Scenario Date: Mar 15, 2018 14:00:00 UTC M 8.1 N11.48 W74.79 Depth: 17.6km



PLANNING SCENARIO ONLY -- Map Version 1 Processed 2017-08-18 19:36:13 UTC

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very Heavy
PEAK ACC.(%g)	<0.05	0.3	2.8	6.2	12	22	40	75	>139
PEAK VEL.(cm/s)	<0.02	0.1	1.4	4.7	9.6	20	41	86	>178
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

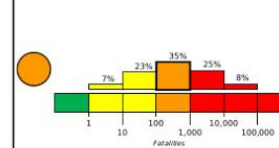
Scale based upon Worden et al. (2012)



M 8.1, Colombia Scenario

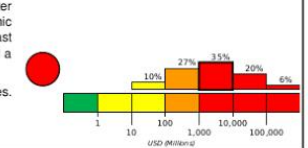
Origin Time: 2018-03-15 14:00:00 UTC (Thu 09:00:00 local)
Location: 11.4820° N 74.7871° W Depth: 17.6 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Estimated Fatalities



Red alert for economic losses. Extensive damage is probable and the disaster is likely widespread. Estimated economic losses are 0-1% GDP of Colombia. Past events with this alert level have required a national or international level response. Orange alert for shaking-related fatalities. Significant casualties are likely.

Estimated Economic Losses

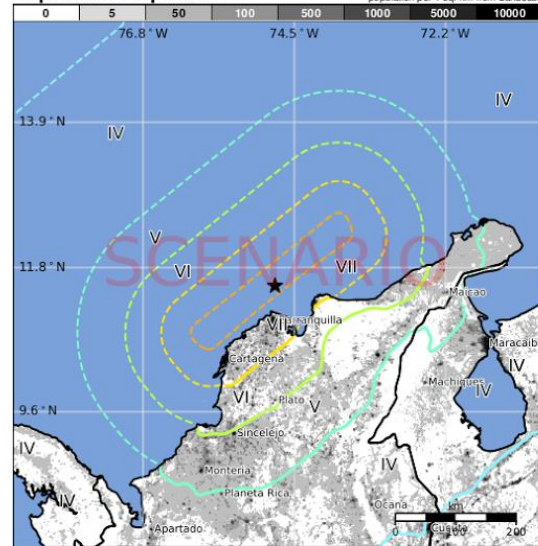


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=1,000)	-*	1,579k*	8,563k*	3,515k	1,169k	4,338k	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall with wood and ductile reinforced concrete frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1978-04-04	365	6.3	V(4k)	-

Selected City Exposure

MMI	City	Population
VII	Puerto Colombia	26k
VII	Juan de Acosta	9k
VII	Tubara	8k
VII	Santa Catalina	6k
VII	Galapa	20k
VII	Clemencia	9k
VII	Barranquilla	1,380k
VII	Cartagena	952k
VII	Santa Marta	432k
IV	Maracaibo	2,225k
IV	Cucuta	721k

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/>

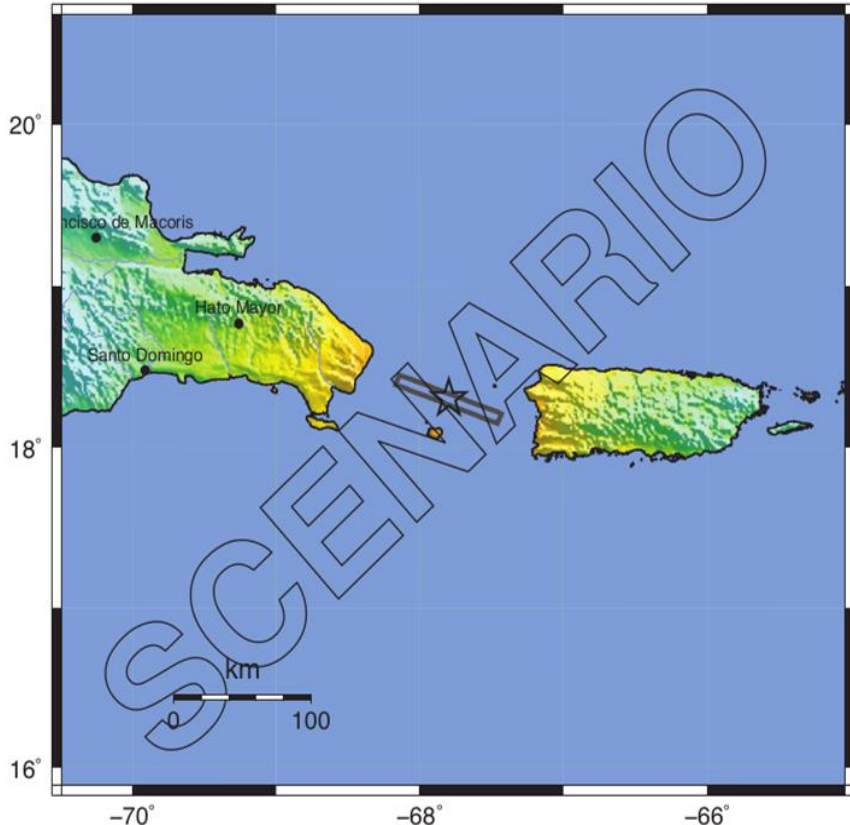
bold cities appear on map. (k=x1,000)

Event ID: uscaribewave2018.colombia.se

Escenario del Impacto del Terremoto Puerto Rico

--- Earthquake Planning Scenario --- ShakeMap for Puerto Rico Scenario

Scenario Date: Mar 15, 2018 14:00:00 UTC M 7.6 N18.31 W67.80 Depth: 12.0km



PLANNING SCENARIO ONLY --- Map Version 1 Processed 2017-08-18 19:24:24 UTC

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very Heavy
PEAK ACC.(%g)	<0.05	0.3	2.8	6.2	12	22	40	75	>139
PEAK VEL.(cm/s)	<0.02	0.1	1.4	4.7	9.6	20	41	86	>178
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Worden et al. (2012)

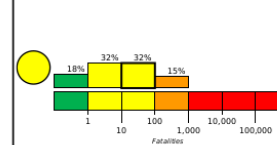


Earthquake Shaking Orange Alert



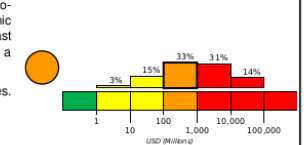
M 7.6, Puerto Rico Scenario
Origin Time: 2018-03-15 14:00:00 UTC (Thu 10:00:00 local)
Location: 18.3063° N 67.7968° W Depth: 12.0 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Estimated Fatalities



Orange alert for economic losses. Significant damage is likely and the disaster is potentially widespread. Estimated economic losses are 0-2% GDP of Puerto Rico. Past events with this alert level have required a regional or national level response.
Yellow alert for shaking-related fatalities. Some casualties are possible.

Estimated Economic Losses

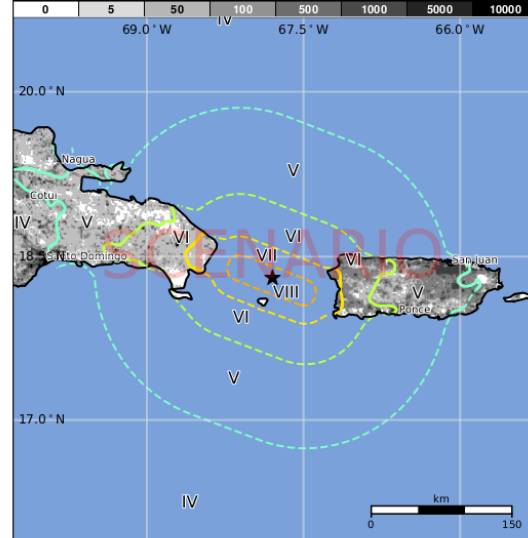


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	-	-	1,031k*	7,558k	1,838k	290k	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	Resistant Structures: None	Resistant Structures: None	Resistant Structures: V. Light	Resistant Structures: Light	Resistant Structures: Moderate	Resistant Structures: Mod./Heavy	Resistant Structures: Heavy	Resistant Structures: V. Heavy
	Vulnerable Structures: None	Vulnerable Structures: None	Vulnerable Structures: None	Vulnerable Structures: Light	Vulnerable Structures: Moderate	Vulnerable Structures: Mod./Heavy	Vulnerable Structures: Heavy	Vulnerable Structures: V. Heavy	Vulnerable Structures: 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 concrete/cinder block masonry and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1979-03-23	140	6.6	VII(605k)	0
2003-09-22	344	6.4	VIII(526k)	1
1984-06-24	169	6.7	VII(326k)	5

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

Selected City Exposure

MMI	City	Population
VII	Punta Cana	100k
VII	La Playa	2k
VII	Anasco	6k
VII	Stella	1k
VII	Cabo Rojo	11k
VII	Boqueron	2k
VI	La Romana	208k
VI	San Pedro de Macoris	218k
V	Santo Domingo Este	700k
V	Santo Domingo	2,202k
V	San Juan	418k

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/>

bold cities appear on map. (k=x1000)

Event ID: uscaribewave2018.puerto.rico.se

Productos PTWC

Para el Caribe Wave 18 PTWC emitirá los siguientes productos:

- El mensaje inicial “dummy” para los tres escenarios se emitirá el 15 de marzo de 2018 a las 1400 UTC y difundido a través de todos sus canales de transmisión estándar.
- El PTWC emitirá un mensaje de inicio de ejercicio a través de su cuenta de twitter a las 1400 UTC.
- A partir de las 1405 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 **2 de marzo de 2018**, cada Estado Miembro debe seleccionar un escenario y debe informar su selección a PTWC (charles.mccreery@noaa.gov y cindi.preller@noaa.gov) con una copia al Programa de Alerta de Tsunami del Caribe (christa.vonh@noaa.gov). Si el Estado miembro no informa al PTWC y al CTWP, los organizadores decidirán para qué escenario el PTWC enviará los productos.
 - Cada país y territorio escogerá un escenario y decidirá cómo difundir los mensajes dentro de su área de responsabilidad.
 - Para verificar la lista actual de UNESCO IOC CARIBE EWS TWFP y NTWC accesar:

http://www.ioc-tsunami.org/index.php?option=com_content&view=article&id=6&Itemid=22&lang=en

Username: tsunami pwd: bigwave

Escenarios CARIBE WAVE 18 por Estado Miembro/Teritorio

*escenarios decididos por organizadores de Caribe Wave por manual de ejercicios

Barbados	Colombia	Puerto Rico
Bermuda		Honduras
		United Kingdom
		British Virgin Islands
		United States
		Puerto Rico U.S. Virgin Islands

Appendix E. TWC Dummy (Start of Exercise) Messages

PTWC

Centro

WECA41 PHEB 151400

WMO ID

TSUCAX

AWIPS ID

TEST...TSUNAMI EXERCISE MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1400Z 15 MAR 2018

...CARIBEWAVE 18 TSUNAMI EXERCISE MESSAGE. REFER TO PTWC MESSAGE 1 IN THE EXERCISE HANDBOOK. THIS IS AN EXERCISE ONLY...

THIS MESSAGE IS BEING USED TO START THE CARIBEWAVE 18 CARIBBEAN TSUNAMI EXERCISE. THIS WILL BE THE ONLY EXERCISE MESSAGE BROADCAST FROM THE PACIFIC TSUNAMI WARNING CENTER EXCLUDING SPECIAL EMAIL MESSAGES DISCUSSED IN THE HANDBOOK. THE HANDBOOK IS AVAILABLE AT THE WEB SITE CARIBEWAVE.INFO. THE EXERCISE PURPOSE IS TO PROVIDE EMERGENCY MANAGEMENT A REALISTIC SCENARIO TO TEST TSUNAMI RESPONSE PLANS.

THIS IS ONLY AN EXERCISE.

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Mensaje para el comienzo del Ejercicio CARIBE WAVE 18 que será enviado por la cuenta de Twitter de PTWC

Los usuarios con proveedores de teléfonos celular de EE.UU. pueden recibir los mensajes de Twitter como mensajes de texto, enviando:

“Follow NWS_PTWC” al 40404 (esta cuenta es para todos los productos de PTWC)

y

“Follow NWS_CTWP” al 40404 (esta cuenta es solo para los productos de PTWC para el Caribe y Regiones Adyacentes)

“This is a test message for CARIBEWAVE 18 tsunami exercise #CaribeWave” (será diseminado a las 14h00 UTC a las cuentas/suscriptores de NWS_PTWC y NWS_CTWP).

Escenario de Barbados

Cronograma del Mensaje por PTWC Barbados

Fecha	Hora (UTC)	PTWC	
		Tipos de Productos	Transmisión de Métodos
3/15/18	1400	----- Se produce el terremoto -----	
3/15/18	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/15/18	1405	Mensaje de Amenaza de Tsunami #1	Email
3/15/18	1425	Mensaje de Amenaza de Tsunami #2 y Producto Grafico Mejorado	Email
3/15/18	1500	Mensaje de Amenaza de Tsunami #3	Email
3/15/18	1600	Mensaje de Amenaza de Tsunami #4	Email
3/15/18	1700	Mensaje de Amenaza de Tsunami #5	Email
3/15/18	1800	Mensaje de Amenaza de Tsunami #6	Email
3/15/18	1900	Mensaje de Amenaza de Tsunami #7	Email
3/15/18	2000	Mensaje de Amenaza de Tsunami #8	Email
3/15/18	2100	Mensaje Final de Amenaza de Tsunami #9	Email

PTWC Message #1

WECA41 PHEB 151405

← **WMO ID**

TSUCAX

← **AWIPS ID**

TSUNAMI MESSAGE NUMBER 1

NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

1405 UTC TUE MAR 15 2018

...TSUNAMI THREAT MESSAGE...

**** 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 8.3
* ORIGIN TIME 1400 UTC MAR 15 2018
* COORDINATES 12.2 NORTH 58.3 WEST
* DEPTH 15 KM / 9 MILES
* LOCATION NORTH ATLANTIC OCEAN

EVALUATION

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.3 OCCURRED IN THE NORTH ATLANTIC OCEAN AT 1400 UTC ON THURSDAY MARCH 15 2018.

* 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

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

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)
BRIDGETOWN	BARBADOS	13.1N	59.6W	1428 03/15
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1448 03/15
CASTRIES	SAINT LUCIA	14.0N	61.0W	1452 03/15
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	1459 03/15
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1500 03/15
ROSEAU	DOMINICA	15.3N	61.4W	1500 03/15
SAINTE GEORGES	GRENADA	12.0N	61.8W	1506 03/15
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1509 03/15
PLYMOUTH	MONTERRAT	16.7N	62.2W	1517 03/15
SAINTE JOHNS	ANTIGUA	17.1N	61.9W	1534 03/15
BASSETERRE	SAINTE KITTS	17.3N	62.7W	1535 03/15
PALMETTO POINT	BARBUDA	17.6N	61.9W	1536 03/15
SINTE EUSTATIUS	SINTE EUSTATIUS	17.5N	63.0W	1537 03/15
SABA	SABA	17.6N	63.2W	1538 03/15
THE VALLEY	ANGUILLA	18.3N	63.1W	1543 03/15
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1545 03/15
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1548 03/15
SAN JUAN	PUERTO RICO	18.5N	66.1W	1549 03/15
SIMPSON BAAI	SINTE MAARTEN	18.0N	63.1W	1549 03/15
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1602 03/15
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1602 03/15
ONIMA	BONAIRE	12.3N	68.3W	1604 03/15
SAINTE BARTHELEM	SAINTE BARTHELEMY	17.9N	62.8W	1607 03/15
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1607 03/15
PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	1609 03/15
BAIE LUCAS	SAINTE MARTIN	18.1N	63.0W	1609 03/15
BAIE GRAND CASE	SAINTE MARTIN	18.1N	63.1W	1613 03/15
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1615 03/15
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1617 03/15
MAIQUETIA	VENEZUELA	10.6N	67.0W	1621 03/15
BAIE BLANCHE	SAINTE MARTIN	18.1N	63.0W	1623 03/15
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1625 03/15
CUMANA	VENEZUELA	10.5N	64.2W	1627 03/15
ORANJESTAD	ARUBA	12.5N	70.0W	1629 03/15
SANTE DOMINGO	DOMINICAN REP	18.5N	69.9W	1631 03/15
CAP HAITEN	HAITI	19.8N	72.2W	1634 03/15
WILLEMSTAD	CURACAO	12.1N	68.9W	1639 03/15
MAYAGUANA	BAHAMAS	22.3N	73.0W	1641 03/15
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1643 03/15
JACAMEL	HAITI	18.1N	72.5W	1649 03/15
BARACOA	CUBA	20.4N	74.5W	1653 03/15
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1655 03/15

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

PTWC Message #2

ZCZC
WECA41 PHEB 151425 **WMO ID**
TSUCAX **AWIPS ID**

TEST...TSUNAMI MESSAGE NUMBER 2...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 15 2018

..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 8.6
* ORIGIN TIME 1400 UTC MAR 15 2018
* COORDINATES 12.2 NORTH 58.3 WEST
* DEPTH 15 KM / 9 MILES
* LOCATION NORTH ATLANTIC OCEAN

EVALUATION

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A REVISED MAGNITUDE OF 8.6 OCCURRED IN THE NORTH ATLANTIC OCEAN AT 1400 UTC ON THURSDAY MARCH 15 2018.
- * 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 FRENCH GUYANE... GUYANA... SURINAME... BARBADOS... DOMINICA... GRENADA... GUADELOUPE... MARTINIQUE... SAINT LUCIA... SAINT VINCENT AND THE GRENADINES... AND TRINIDAD AND TOBAGO.

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 1 TO 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF VENEZUELA... ANTIGUA AND BARBUDA... ARUBA... CURACAO... MONTSERRAT... PUERTO RICO AND VIRGIN ISLANDS... SABA AND SAINT EUSTATIUS... AND SAINT KITTS AND NEVIS.

* 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... DOMINICAN REPUBLIC... HAITI... ANGUILLA... BERMUDA... BONAIRE... JAMAICA... SAINT BARTHELEMY... SINT MAARTEN... AND SAINT MARTIN.

- * 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)	
BRIDGETOWN	BARBADOS	13.1N	59.6W	1428	03/15
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1448	03/15
CASTRIES	SAINT LUCIA	14.0N	61.0W	1452	03/15
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	1459	03/15
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1500	03/15
ROSEAU	DOMINICA	15.3N	61.4W	1500	03/15
SAINT GEORGES	GRENADA	12.0N	61.8W	1506	03/15
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1509	03/15
PLYMOUTH	MONTSERRAT	16.7N	62.2W	1517	03/15
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1534	03/15
BASSETERRE	SAINT KITTS	17.3N	62.7W	1535	03/15
PALMETTO POINT	BARBUDA	17.6N	61.9W	1536	03/15
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1537	03/15
SABA	SABA	17.6N	63.2W	1538	03/15
THE VALLEY	ANGUILLA	18.3N	63.1W	1543	03/15
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1545	03/15
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1548	03/15
SAN JUAN	PUERTO RICO	18.5N	66.1W	1549	03/15
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1549	03/15
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1602	03/15
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1602	03/15
ONIMA	BONAIRE	12.3N	68.3W	1604	03/15
SAINTE BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1607	03/15
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1607	03/15
PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	1609	03/15
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1609	03/15
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1613	03/15
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1615	03/15
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1617	03/15
MAIQUETIA	VENEZUELA	10.6N	67.0W	1621	03/15
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1623	03/15
CUMANA	VENEZUELA	10.5N	64.2W	1627	03/15
ORANJESTAD	ARUBA	12.5N	70.0W	1629	03/15
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1631	03/15
WILLEMSTAD	CURACAO	12.1N	68.9W	1639	03/15
JACAMEL	HAITI	18.1N	72.5W	1649	03/15
JEREMIE	HAITI	18.6N	74.1W	1705	03/15
ESSO PIER	BERMUDA	32.4N	64.7W	1706	03/15
SANTA MARTA	COLOMBIA	11.2N	74.2W	1718	03/15
CAYENNE	FRENCH GUYANE	4.9N	52.3W	1725	03/15
CARTAGENA	COLOMBIA	10.4N	75.6W	1734	03/15
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1743	03/15
RIOHACHA	COLOMBIA	11.6N	72.9W	1747	03/15
MONTEGO BAY	JAMAICA	18.5N	77.9W	1751	03/15
PORT AU PRINCE	HAITI	18.5N	72.4W	1758	03/15
GEORGETOWN	GUYANA	6.8N	58.2W	1800	03/15
KINGSTON	JAMAICA	17.9N	76.9W	1803	03/15
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1818	03/15
PARAMARIBO	SURINAME	5.9N	55.2W	1820	03/15
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1856	03/15
PORLAMAR	VENEZUELA	10.9N	63.8W	1920	03/15
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1956	03/15
ILHA DE MARACA	BRAZIL	2.2N	50.5W	2112	03/15

TEST... POTENTIAL IMPACTS ...TEST

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- * 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

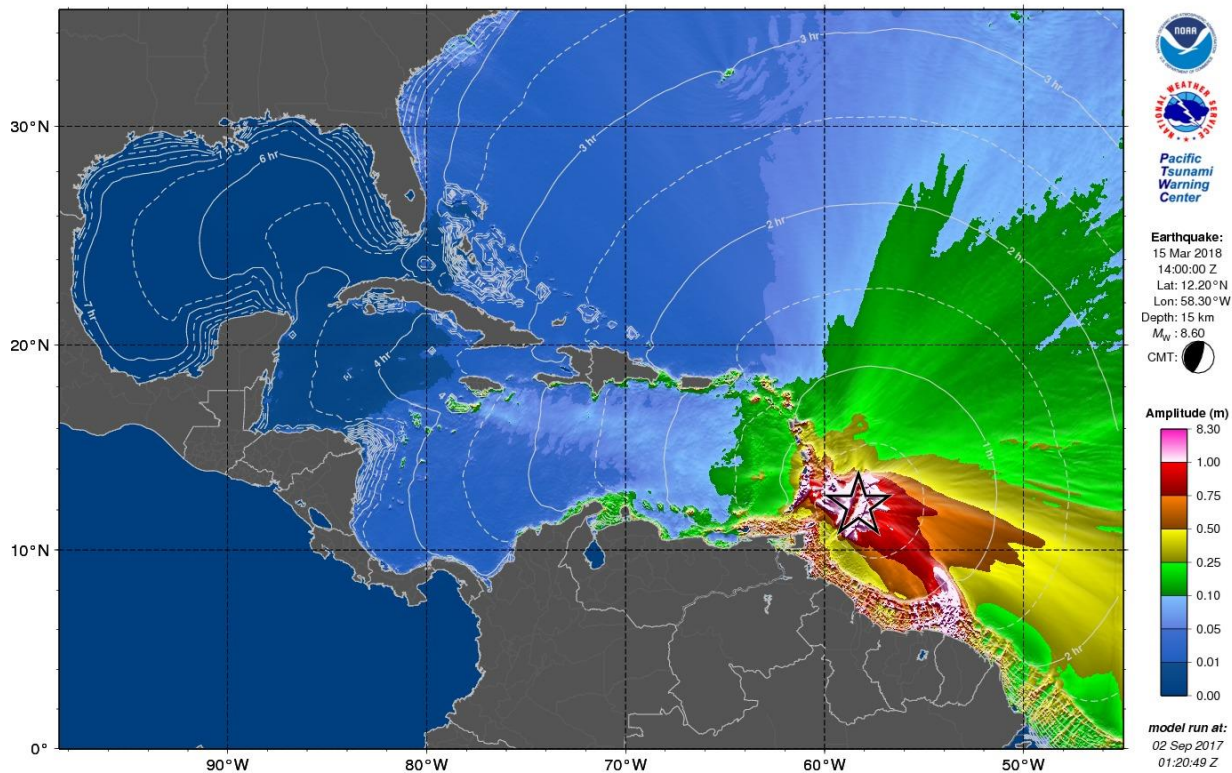
- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.
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NNNN

Pronóstico de Amplitud de Olas de Tsunami Barbados

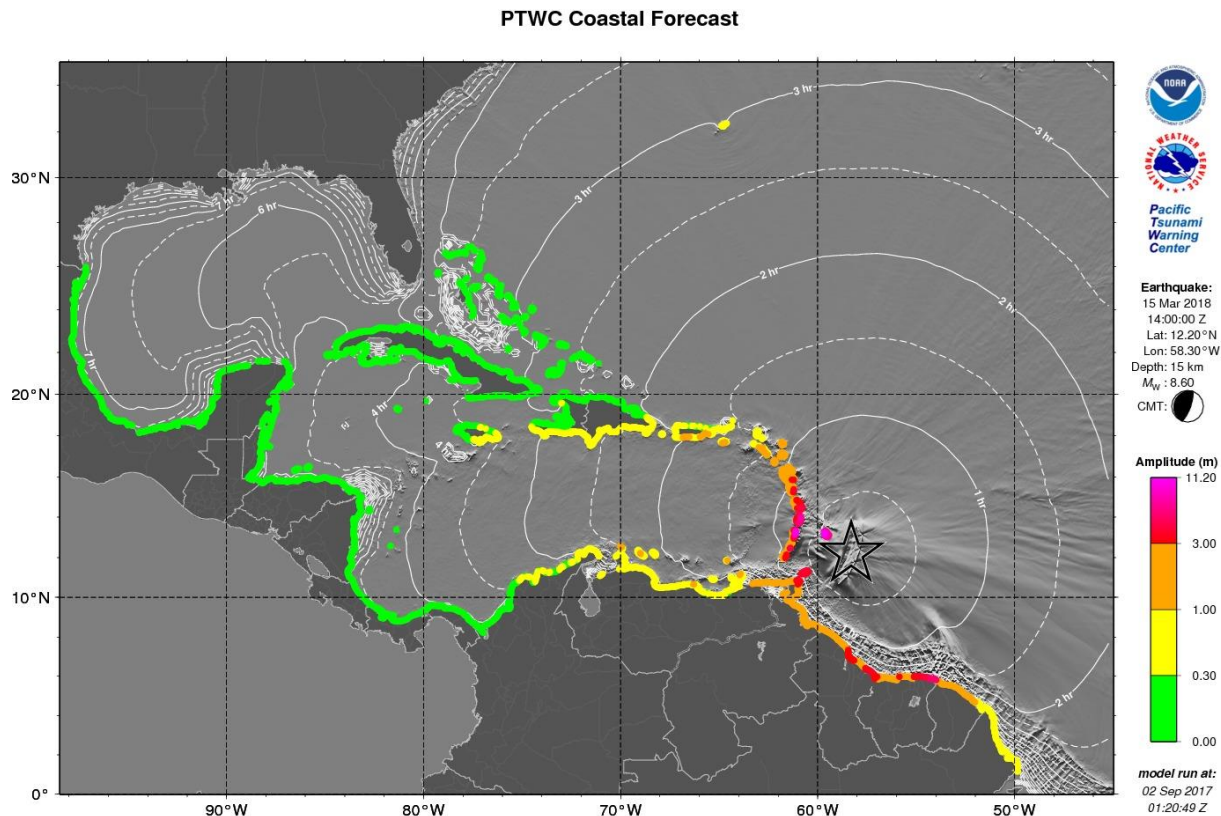
PTWC Energy Forecast



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

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.

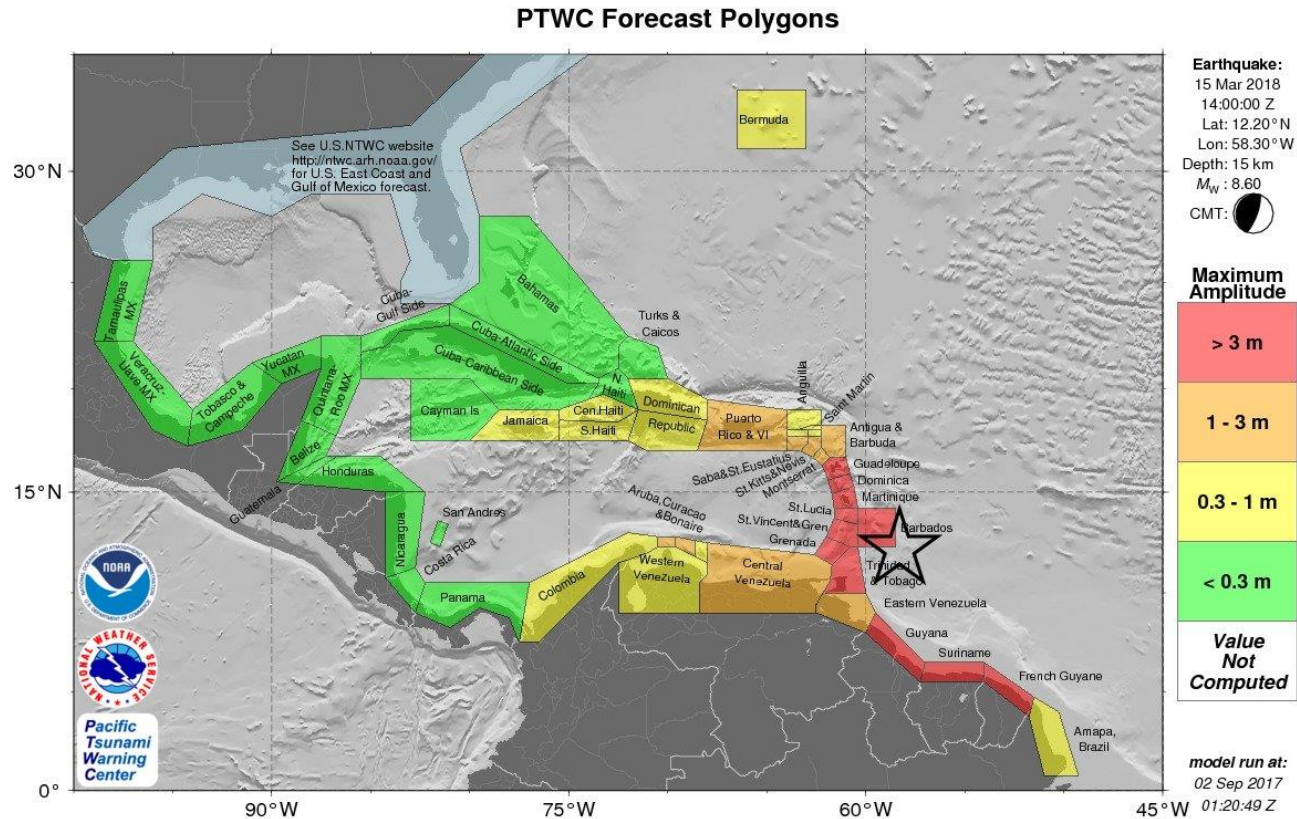
Pronóstico de Amplitud de Olas de Tsunami Barbados



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

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 Barbados

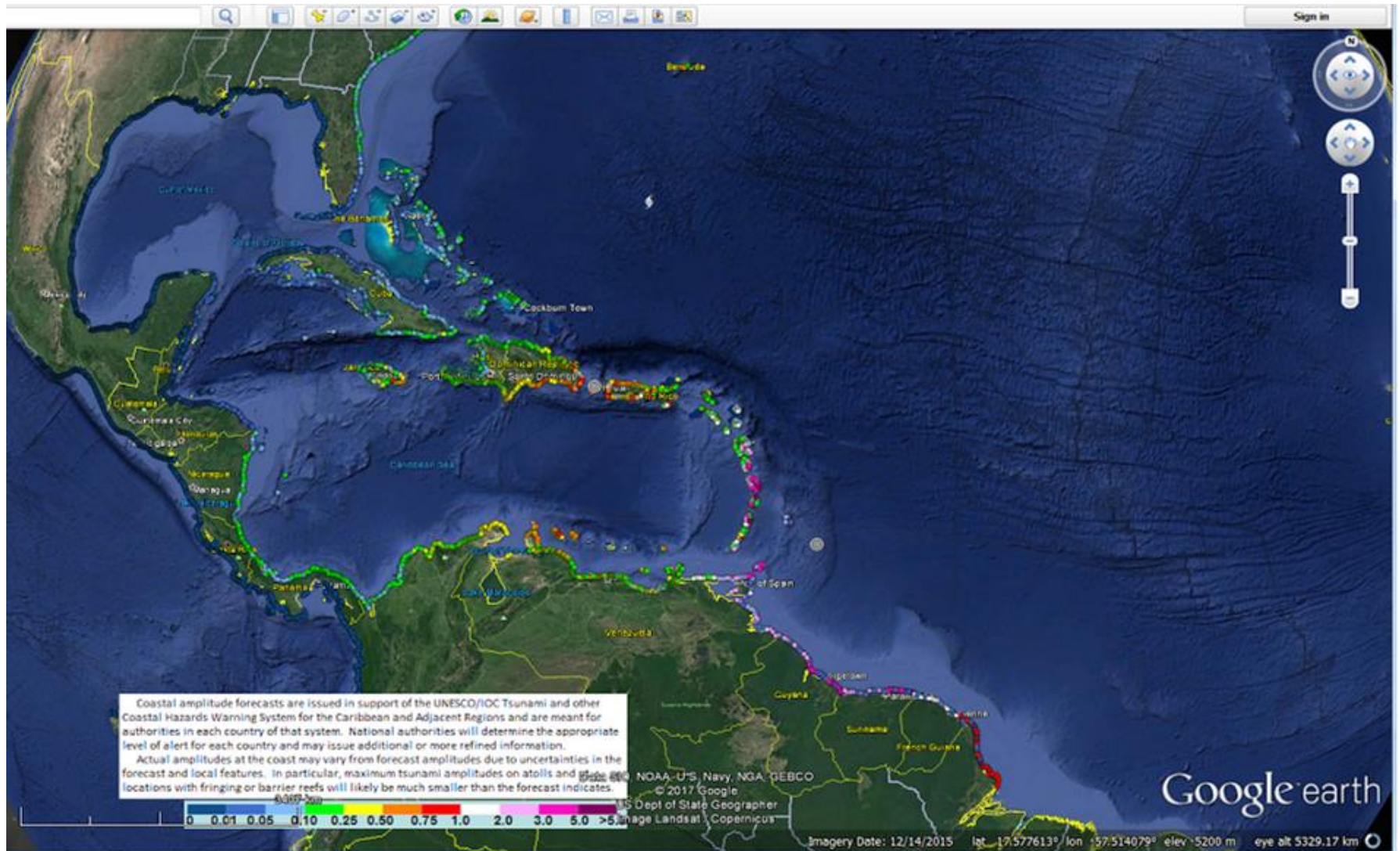


Mapa RIFT de polígonos de pronóstico para la región para el escenario de Barbados.

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

Barbados



Estadísticas de pronóstico para polígonos regionales*

Barbados

Region Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Saint Vincent and the Grenadines	11	4.2	2.5	3	8.3	2.4	2.2	1.7	33
Barbados	11	8.2	8.2	1.5	5.8	3.4	3	1.2	21
Saint Lucia	8.2	4.9	5.4	1.8	5.3	1.8	1.7	1	26
French Guyane	6.5	1.3	1.3	0.6	4.1	0.97	0.65	0.84	84
Suriname	6.5	3.4	2.7	1.2	3.5	1.1	0.99	0.53	109
Grenada	5.3	2.3	1.8	1.1	4	1.5	1.3	1.1	29
Martinique	5.1	3.2	3.2	0.94	4	1.6	1.2	1	41
Trinidad and Tobago	4.8	2.8	2.2	0.94	5	1.4	1.3	0.62	77
Dominica	4.1	2.2	2	0.82	2.4	0.66	0.53	0.42	31
Guyana	3.9	2.8	2.8	0.48	1.7	0.94	0.91	0.25	101
Guadeloupe	3.4	1.9	1.6	0.77	3.1	0.78	0.82	0.42	73
Atlantic Coast of Venezuela	2.5	2.2	2.1	0.16	1.7	0.85	0.81	0.3	82
Central Coast of Venezuela	2.1	0.78	0.54	0.54	1.4	0.43	0.31	0.31	238
Saint Kitts and Nevis	1.5	1.1	1.1	0.22	1	0.44	0.32	0.24	29
Antigua and Barbuda	1.5	1.3	1.3	0.14	1.2	0.73	0.72	0.28	28
Montserrat	1.3	1.1	1.2	0.09	0.66	0.37	0.3	0.14	11
Puerto Rico and Virgin Islands	1.2	0.62	0.62	0.28	1.1	0.29	0.24	0.18	190
Saba and Saint Eustatius	1.2	0.88	0.87	0.16	0.37	0.24	0.21	0.06	8
Aruba	1.1	0.89	1	0.17	0.71	0.39	0.31	0.19	8
Curacao	1	0.65	0.56	0.2	0.49	0.2	0.2	0.08	27
Amapa Brazil	0.97	0.91	0.95	0.07	1.1	0.32	0.26	0.21	124
Anguilla	0.94	0.85	0.86	0.08	0.92	0.6	0.6	0.17	8
Sint Maarten	0.9	0.85	0.87	0.05	0.84	0.58	0.48	0.18	6
Saint Barthelemy	0.83	0.79	0.79	0.03	0.83	0.67	0.73	0.18	4
Caribbean Coast of Dominican Rept	0.82	0.57	0.59	0.1	0.82	0.3	0.25	0.15	148
Jamaica	0.78	0.31	0.24	0.18	0.76	0.15	0.11	0.12	146
Saint Martin	0.75	0.75	0.75	0	0.58	0.55	0.54	0.02	3
Atlantic Coast of Dominican Republ	0.74	0.18	0.15	0.12	0.92	0.1	0.06	0.13	129
Western Coast of Venezuela	0.74	0.57	0.59	0.09	0.72	0.36	0.37	0.14	100
Bermuda	0.73	0.65	0.64	0.06	0.57	0.31	0.28	0.12	8
Caribbean Coast of Haiti	0.7	0.47	0.44	0.12	0.4	0.17	0.16	0.08	89
Bonaire	0.7	0.64	0.66	0.04	0.76	0.37	0.32	0.17	15
Caribbean Coast of Colombia	0.49	0.26	0.27	0.1	0.47	0.14	0.12	0.09	255
Gulf of Gonave Coast of Haiti	0.36	0.18	0.17	0.05	0.22	0.06	0.05	0.04	140
Caribbean Coast of Cuba	0.29	0.1	0.08	0.06	0.29	0.03	0.02	0.02	423
Caribbean Coast of Panama	0.24	0.15	0.15	0.04	0.16	0.07	0.07	0.03	179
Caribbean Coast of Costa Rica	0.24	0.16	0.16	0.03	0.12	0.07	0.07	0.02	48
Turks and Caicos Islands	0.22	0.16	0.16	0.04	0.14	0.05	0.05	0.02	46
Atlantic Coast of Haiti	0.21	0.13	0.11	0.04	0.08	0.04	0.04	0.01	66
Bahamas	0.2	0.09	0.08	0.03	0.28	0.04	0.03	0.02	443
Caribbean Coast of Nicaragua	0.15	0.12	0.12	0.02	0.07	0.03	0.03	0.02	139
San Andres and Providencia	0.14	0.14	0.14	0	0.04	0.04	0.04	0	4
Atlantic Coast of Cuba	0.12	0.05	0.06	0.03	0.06	0.02	0.02	0.01	259
Cayman Islands	0.06	0.05	0.05	0.01	0.05	0.02	0.02	0.01	9
Quintana Roo Mexico	0.05	0.03	0.03	0.01	0.04	0.01	0.01	0.01	166
Belize	0.04	0.03	0.03	0	0.02	0.01	0.01	0	90
Gulf of Mexico Coast of Cuba	0.04	0.01	0.01	0	0.01	0	0	0	122
Caribbean Coast of Honduras	0.04	0.03	0.03	0	0.03	0.01	0.01	0	185
Caribbean Coast of Guatemala	0.03	0.03	0.03	0	0.01	0.01	0.01	0	13
Yucatan Mexico	0.01	0	0	0	0	0	0	0	59

* 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 #9

ZCZC
WECA41 PHEB 152100 **WMO ID**
TSUCAX **AWIPS ID**

TEST...TSUNAMI MESSAGE NUMBER 9...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2100 UTC THU MAR 15 2018

...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 8.6
- * ORIGIN TIME 1400 UTC MAR 15 2018
- * COORDINATES 12.2 NORTH 58.3 WEST
- * DEPTH 15 KM / 9 MILES
- * LOCATION NORTH ATLANTIC OCEAN

EVALUATION

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A MAGNITUDE OF 8.6 OCCURRED IN THE NORTH ATLANTIC OCEAN AT 1400 UTC ON THURSDAY MARCH 15 2018.

* 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

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... 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 Colombia

Cronograma del Mensaje por PTWC Colombia

Fecha	Hora (UTC)	PTWC	
		Tipos de Productos	Transmisión de Métodos
3/15/18	1400	----- Se produce el terremoto -----	
3/15/18	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/15/18	1405	Mensaje de Amenaza de Tsunami #1	Email
3/15/18	1425	Mensaje de Amenaza de Tsunami #2 y Producto Grafico Mejorado	Email
3/15/18	1500	Mensaje de Amenaza de Tsunami #3	Email
3/15/18	1600	Mensaje de Amenaza de Tsunami #4	Email
3/15/18	1700	Mensaje de Amenaza de Tsunami #5	Email
3/15/18	1800	Mensaje de Amenaza de Tsunami #6	Email
3/15/18	1900	Mensaje de Amenaza de Tsunami #7	Email
3/15/18	2000	Mensaje de Amenaza de Tsunami #8	Email
3/15/18	2100	Mensaje Final de Amenaza de Tsunami #9	Email

PTWC Message #1

ZCZC
WECA41 PHEB 151405 **WMO ID**
TSUCAX **AWIPS ID**

TEST...TSUNAMI MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1405 UTC THU MAR 15 2018

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 8.1
* ORIGIN TIME 1400 UTC MAR 15 2018
* COORDINATES 11.5 NORTH 74.8 WEST
* DEPTH 15 KM / 9 MILES
* LOCATION NEAR THE NORTH COAST OF COLOMBIA

EVALUATION

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.1 OCCURRED NEAR THE NORTH COAST OF COLOMBIA AT 1400 UTC ON THURSDAY MARCH 15 2018.

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

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)	
SANTA MARTA	COLOMBIA	11.2N	74.2W	1415	03/15
CARTAGENA	COLOMBIA	10.4N	75.6W	1429	03/15
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1434	03/15
ALIGANDI	PANAMA	9.2N	78.0W	1453	03/15
PUERTO CARRETO	PANAMA	8.8N	77.6W	1459	03/15
JACAMEL	HAITI	18.1N	72.5W	1507	03/15
ORANJESTAD	ARUBA	12.5N	70.0W	1510	03/15
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1510	03/15
RIOHACHA	COLOMBIA	11.6N	72.9W	1513	03/15
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1514	03/15
SAN ANDRES	SAN ANDRES PROVI	13.4N	81.4W	1515	03/15
PROVIDENCIA	SAN ANDRES PROVI	12.6N	81.7W	1516	03/15
ONIMA	BONAIRE	12.3N	68.3W	1520	03/15
JEREMIE	HAITI	18.6N	74.1W	1527	03/15
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1529	03/15
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1534	03/15
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1536	03/15
COLON	PANAMA	9.4N	79.9W	1537	03/15
KINGSTON	JAMAICA	17.9N	76.9W	1540	03/15
WILLEMSTAD	CURACAO	12.1N	68.9W	1544	03/15
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1546	03/15
BOCAS DEL TORO	PANAMA	9.4N	82.2W	1550	03/15
BARACOA	CUBA	20.4N	74.5W	1550	03/15
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1552	03/15
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1552	03/15
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1552	03/15
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1556	03/15
MAIQUETIA	VENEZUELA	10.6N	67.0W	1557	03/15
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1601	03/15
CAP HAITEN	HAITI	19.8N	72.2W	1601	03/15
MONTEGO BAY	JAMAICA	18.5N	77.9W	1605	03/15
SAN JUAN	PUERTO RICO	18.5N	66.1W	1605	03/15
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1606	03/15
GIBARA	CUBA	21.1N	76.1W	1609	03/15
MAYAGUANA	BAHAMAS	22.3N	73.0W	1610	03/15
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1612	03/15
SABA	SABA	17.6N	63.2W	1613	03/15
BASSETERRE	SAINT KITTS	17.3N	62.7W	1615	03/15
PLYMOUTH	MONTSEERRAT	16.7N	62.2W	1616	03/15
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1618	03/15
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1618	03/15
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1618	03/15
ROSEAU	DOMINICA	15.3N	61.4W	1620	03/15
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1620	03/15
CIENFUEGOS	CUBA	22.0N	80.5W	1620	03/15
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1622	03/15
CASTRIES	SAINT LUCIA	14.0N	61.0W	1622	03/15
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1623	03/15
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1623	03/15
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1626	03/15
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1627	03/15
PUNTA GORDA	NICARAGUA	11.4N	83.8W	1629	03/15
LONG ISLAND	BAHAMAS	23.3N	75.1W	1629	03/15
CUMANA	VENEZUELA	10.5N	64.2W	1629	03/15
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1630	03/15
PORT AU PRINCE	HAITI	18.5N	72.4W	1630	03/15
THE VALLEY	ANGUILLA	18.3N	63.1W	1630	03/15
SAINT GEORGES	GRENADA	12.0N	61.8W	1633	03/15
EXUMA	BAHAMAS	23.6N	75.9W	1639	03/15
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1644	03/15
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1645	03/15
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1648	03/15
CAT ISLAND	BAHAMAS	24.4N	75.5W	1648	03/15
BRIDGETOWN	BARBADOS	13.1N	59.6W	1649	03/15
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1649	03/15
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1655	03/15
COZUMEL	MEXICO	20.5N	87.0W	1656	03/15
PUERTO CORTES	HONDURAS	15.9N	88.0W	1656	03/15
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1656	03/15
PALMETTO POINT	BARBUDA	17.6N	61.9W	1658	03/15
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1703	03/15

TEST... POTENTIAL IMPACTS ...TEST

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* 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-.

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* 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 #2

ZCZC
WECA41 PHEB 151425
TSUCAX

← WMO ID

← AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 2...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 15 2018

TEST TSUNAMI THREAT MESSAGE TEST

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

TEST...PRELIMINARY EARTHQUAKE PARAMETERS...TEST

* MAGNITUDE 8.1
* ORIGIN TIME 1400 UTC MAR 15 2018
* COORDINATES 11.5 NORTH 74.8 WEST
* DEPTH 15 KM / 9 MILES
* LOCATION NEAR THE NORTH COAST OF COLOMBIA

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.1 OCCURRED NEAR THE NORTH COAST OF COLOMBIA AT 1400 UTC ON THURSDAY MARCH 15 2018.

* 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

COLOMBIA.

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

DOMINICAN REPUBLIC... HAITI... NICARAGUA... PANAMA...
JAMAICA... AND SAN ANDRES AND PROVIDENCIA.

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

COSTA RICA... CUBA... VENEZUELA... ANTIGUA AND BARBUDA...
ARUBA... BAHAMAS... BONAIRE... CAYMAN ISLANDS...
CURACAO... DOMINICA... GRENADA... GUADELOUPE...
MARTINIQUE... MONTERRAT... PUERTO RICO AND VIRGIN
ISLANDS... SABA AND SAINT EUSTATIUS... SAINT KITTS AND
NEVIS... SAINT LUCIA... AND SAINT VINCENT AND THE
GRENADINES.

* 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

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

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LOCATION	REGION	COORDINATES		ETA (UTC)	
SANTA MARTA	COLOMBIA	11.2N	74.2W	1415	03/15
CARTAGENA	COLOMBIA	10.4N	75.6W	1429	03/15
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1434	03/15
ALIGANDI	PANAMA	9.2N	78.0W	1453	03/15
PUERTO CARRETO	PANAMA	8.8N	77.6W	1459	03/15
JACAMEL	HAITI	18.1N	72.5W	1507	03/15
ORANJESTAD	ARUBA	12.5N	70.0W	1510	03/15
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1510	03/15
RIOHACHA	COLOMBIA	11.6N	72.9W	1513	03/15
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1514	03/15
SAN ANDRES	SAN ANDRES PROVI	13.4N	81.4W	1515	03/15
PROVIDENCIA	SAN ANDRES PROVI	12.6N	81.7W	1516	03/15
ONIMA	BONAIRE	12.3N	68.3W	1520	03/15
JEREMIE	HAITI	18.6N	74.1W	1527	03/15
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1529	03/15
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1534	03/15
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1536	03/15
COLON	PANAMA	9.4N	79.9W	1537	03/15
KINGSTON	JAMAICA	17.9N	76.9W	1540	03/15
WILLEMSTAD	CURACAO	12.1N	68.9W	1544	03/15
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1546	03/15
BOCAS DEL TORO	PANAMA	9.4N	82.2W	1550	03/15
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1552	03/15
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1552	03/15
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1552	03/15
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1556	03/15
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1601	03/15
CAP HAITEN	HAITI	19.8N	72.2W	1601	03/15
MONTEGO BAY	JAMAICA	18.5N	77.9W	1605	03/15
SAN JUAN	PUERTO RICO	18.5N	66.1W	1605	03/15
MAYAGUANA	BAHAMAS	22.3N	73.0W	1610	03/15

PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1612	03/15
SABA	SABA	17.6N	63.2W	1613	03/15
BASSETERRE	SAINT KITTS	17.3N	62.7W	1615	03/15
PLYMOUTH	MONTSEERRAT	16.7N	62.2W	1616	03/15
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1618	03/15
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1618	03/15
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1618	03/15
ROSEAU	DOMINICA	15.3N	61.4W	1620	03/15
CIENFUEGOS	CUBA	22.0N	80.5W	1620	03/15
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1622	03/15
CASTRIES	SAINT LUCIA	14.0N	61.0W	1622	03/15
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1623	03/15
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1626	03/15
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1627	03/15
PUNTA GORDA	NICARAGUA	11.4N	83.8W	1629	03/15
LONG ISLAND	BAHAMAS	23.3N	75.1W	1629	03/15
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1630	03/15
PORT AU PRINCE	HAITI	18.5N	72.4W	1630	03/15
SAINT GEORGES	GRENADA	12.0N	61.8W	1633	03/15
EXUMA	BAHAMAS	23.6N	75.9W	1639	03/15
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1644	03/15
CAT ISLAND	BAHAMAS	24.4N	75.5W	1648	03/15
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1655	03/15
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1656	03/15
PALMETTO POINT	BARBUDA	17.6N	61.9W	1658	03/15
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1705	03/15
NASSAU	BAHAMAS	25.1N	77.4W	1717	03/15
FREEPORT	BAHAMAS	26.5N	78.8W	1729	03/15
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1730	03/15
ABACO ISLAND	BAHAMAS	26.6N	77.1W	1734	03/15
BIMINI	BAHAMAS	25.8N	79.3W	1742	03/15
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1829	03/15
SANTA CRZ D SUR	CUBA	20.7N	78.0W	1846	03/15
PUERTO CABEZAS	NICARAGUA	14.0N	83.4W	2005	03/15
NUEVA GERONA	CUBA	21.9N	82.8W	2011	03/15

TEST... POTENTIAL IMPACTS ...TEST

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* THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.

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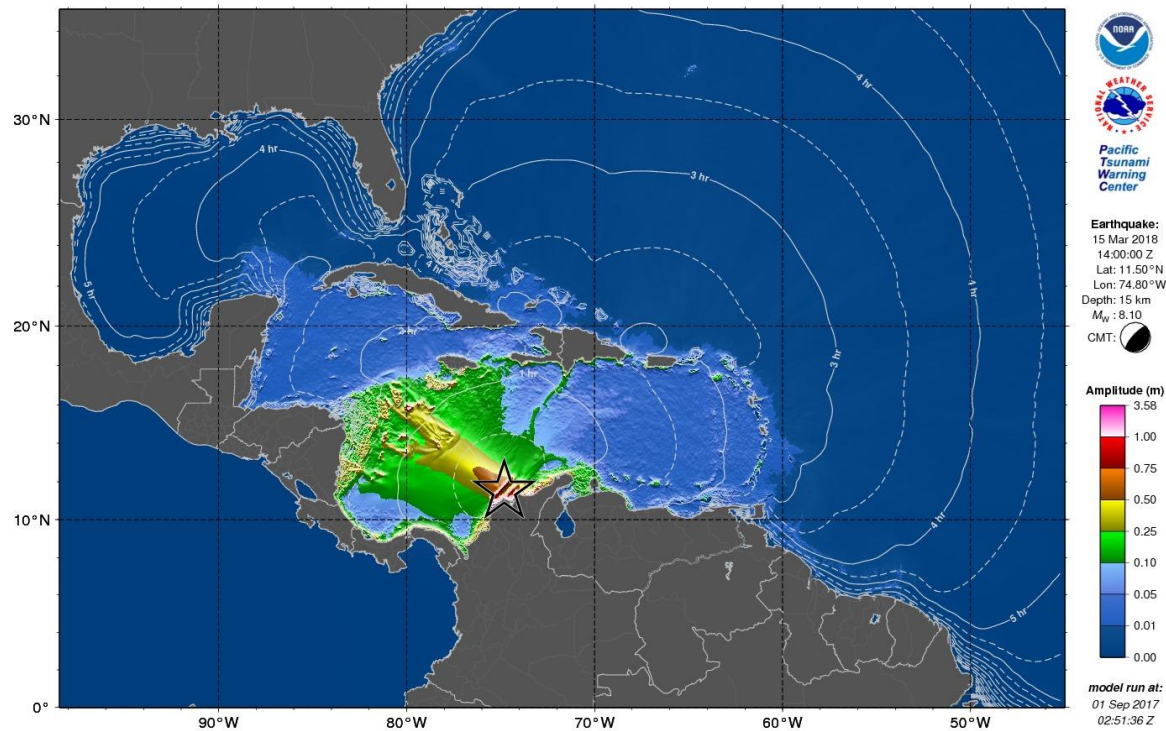
THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

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NNNN

Pronóstico de Amplitud de Olas de Tsunami Colombia

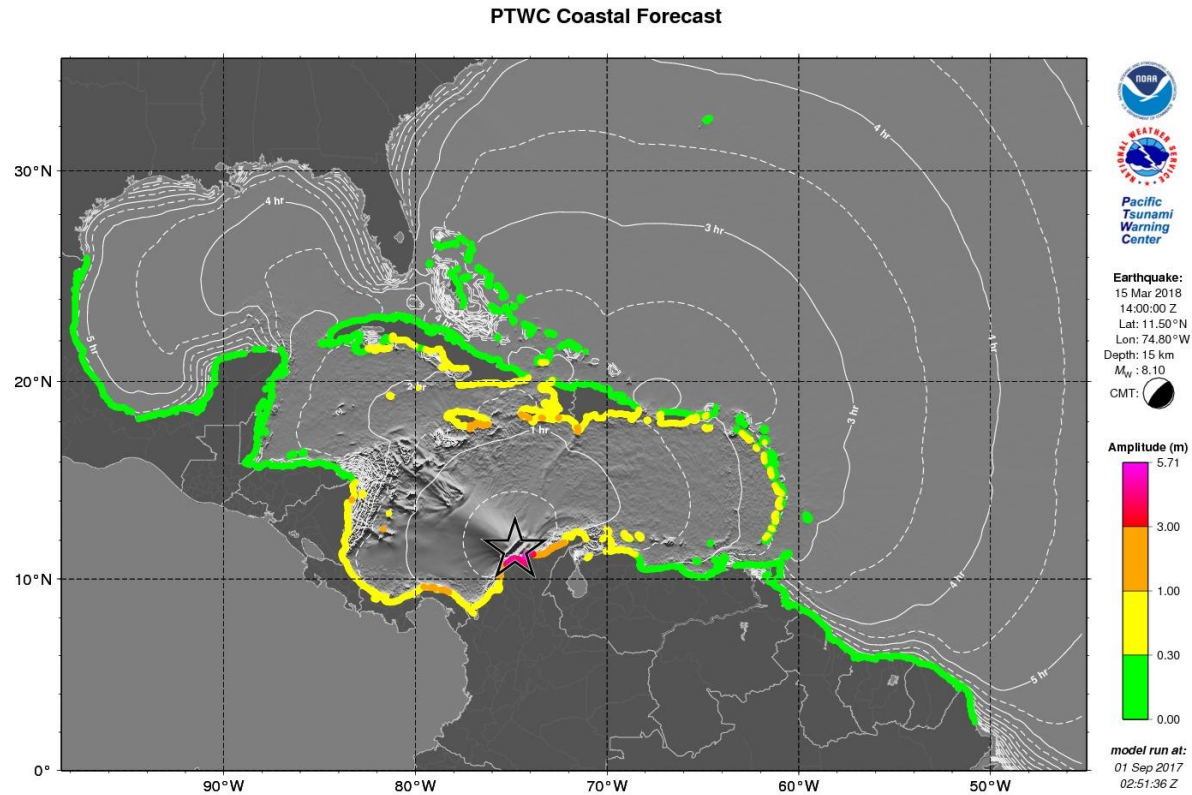
PTWC Energy Forecast



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

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.

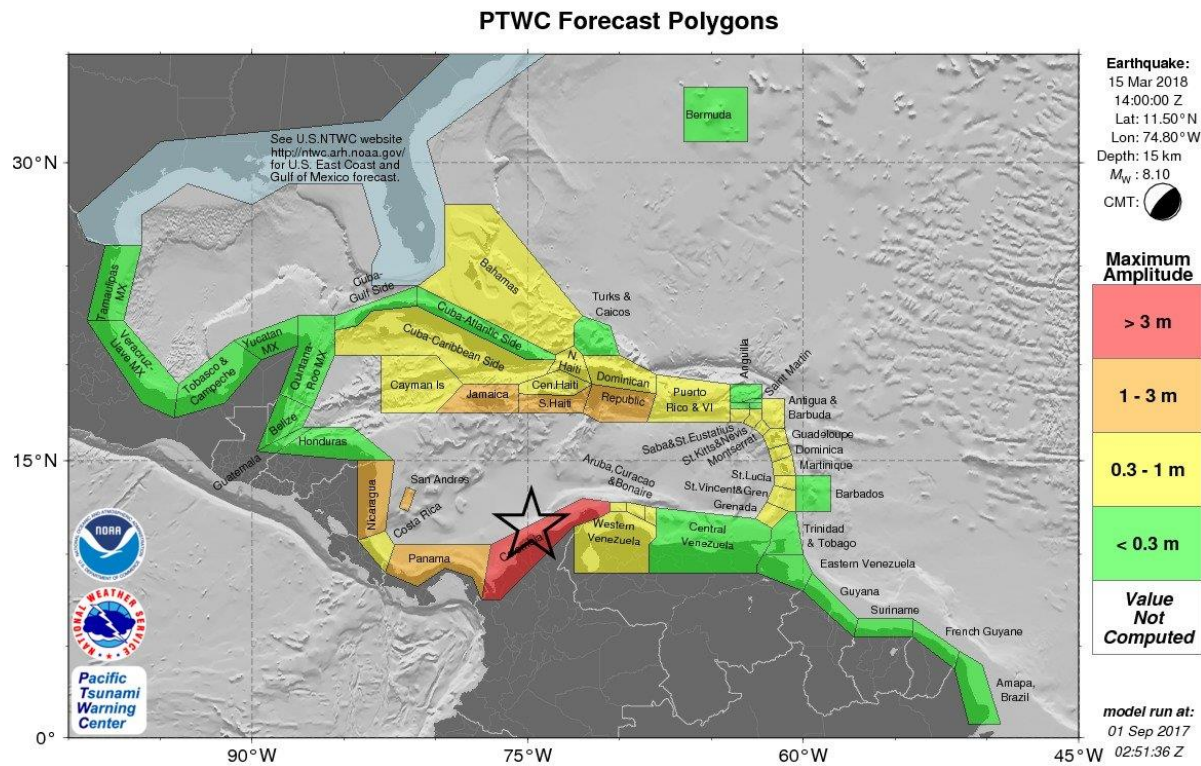
Pronóstico de Amplitud de Olas de Tsunami Colombia



Mapa RIFT con la amplitud máxima del tsunami en la costa del Noroeste del Caribe basado en el escenario de Colombia.

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.

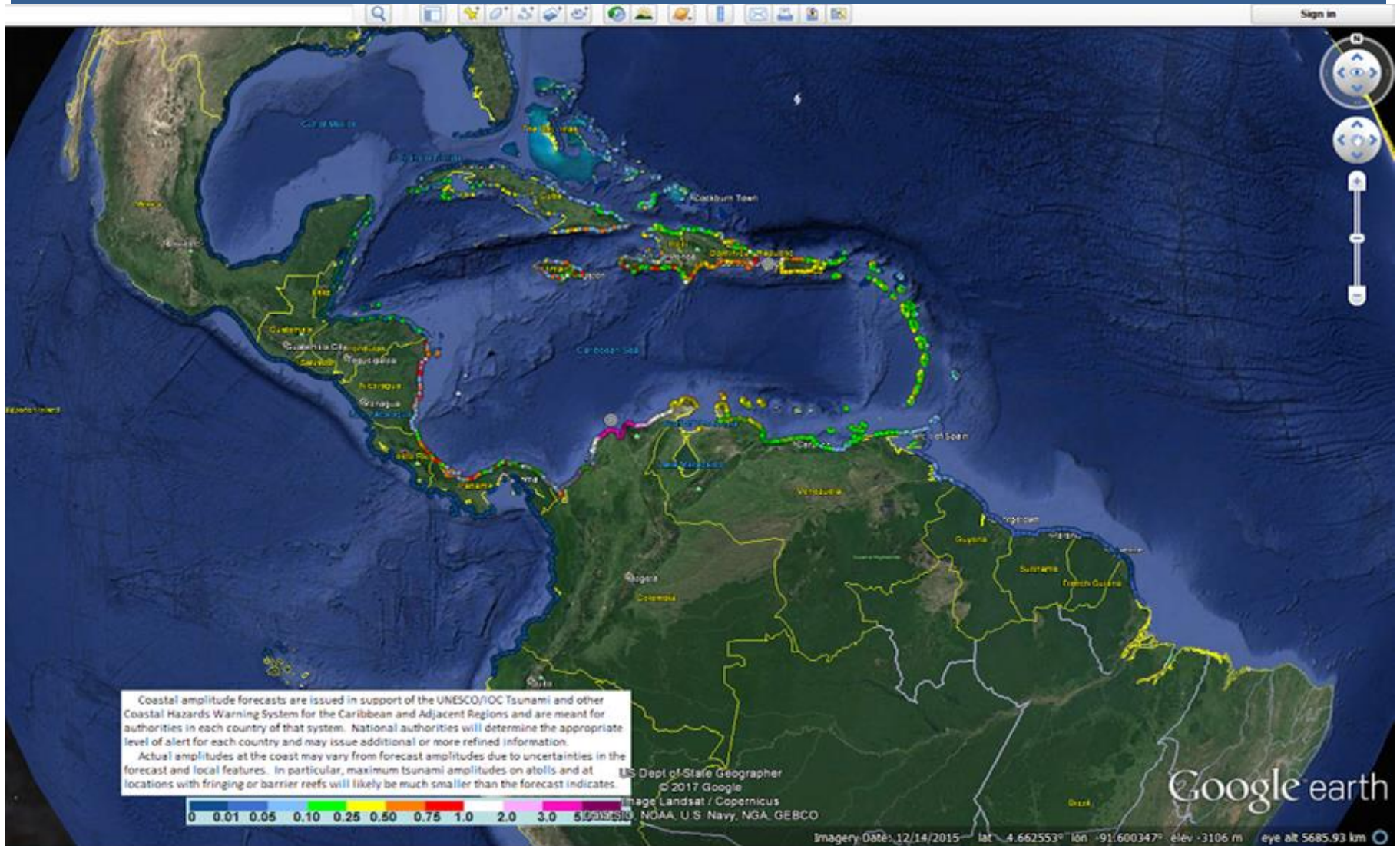
Pronóstico de Amplitud de Olas de Tsunami Colombia



Mapa RIFT de polígonos de pronóstico para la región para el escenario de Colombia.

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 Colombia



Estadísticas de pronóstico para polígonos regionales*

Colombia

Region Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Caribbean Coast of Colombia	5.7	1.8	1	1.4	3.6	0.89	0.61	0.67	255
Caribbean Coast of Haiti	1.4	0.85	0.83	0.15	0.69	0.34	0.32	0.12	89
Caribbean Coast of Dominican Republic	1.3	0.65	0.62	0.18	0.88	0.3	0.28	0.13	148
Jamaica	1.3	0.72	0.65	0.23	0.78	0.3	0.28	0.14	146
Caribbean Coast of Panama	1.2	0.82	0.8	0.15	0.99	0.47	0.47	0.18	179
Caribbean Coast of Nicaragua	1	0.73	0.73	0.11	0.56	0.28	0.28	0.11	139
San Andres and Providencia	1	0.95	0.95	0.09	0.34	0.32	0.32	0.02	4
Caribbean Coast of Costa Rica	0.85	0.71	0.72	0.08	0.71	0.45	0.47	0.1	48
Caribbean Coast of Cuba	0.77	0.37	0.35	0.13	0.4	0.1	0.1	0.06	423
Western Coast of Venezuela	0.73	0.37	0.35	0.12	0.3	0.14	0.14	0.05	100
Gulf of Gonave Coast of Haiti	0.69	0.45	0.44	0.09	0.47	0.16	0.14	0.08	140
Puerto Rico and Virgin Islands	0.59	0.28	0.31	0.13	0.34	0.12	0.11	0.06	190
Aruba	0.55	0.47	0.46	0.07	0.36	0.21	0.17	0.07	8
Saint Vincent and the Grenadines	0.51	0.31	0.32	0.06	0.2	0.11	0.11	0.03	33
Curacao	0.49	0.37	0.37	0.06	0.3	0.14	0.13	0.04	27
Bonaire	0.49	0.37	0.38	0.05	0.3	0.18	0.17	0.05	15
Martinique	0.47	0.27	0.25	0.09	0.17	0.1	0.09	0.03	41
Saint Lucia	0.47	0.28	0.3	0.1	0.2	0.11	0.1	0.04	26
Saint Kitts and Nevis	0.45	0.3	0.31	0.09	0.24	0.12	0.11	0.05	29
Cayman Islands	0.42	0.34	0.34	0.03	0.21	0.15	0.14	0.03	9
Bahamas	0.41	0.05	0.02	0.07	0.29	0.02	0.01	0.04	443
Atlantic Coast of Haiti	0.41	0.26	0.26	0.07	0.21	0.09	0.08	0.03	66
Montserrat	0.41	0.28	0.26	0.06	0.16	0.1	0.08	0.04	11
Guadeloupe	0.39	0.21	0.2	0.08	0.16	0.09	0.08	0.03	73
Dominica	0.39	0.25	0.26	0.07	0.17	0.08	0.07	0.03	31
Saba and Saint Eustatius	0.36	0.24	0.22	0.05	0.19	0.08	0.06	0.05	8
Atlantic Coast of Dominican Republic	0.34	0.11	0.09	0.06	0.36	0.06	0.04	0.06	129
Grenada	0.32	0.21	0.23	0.08	0.19	0.08	0.07	0.04	29
Antigua and Barbuda	0.3	0.15	0.09	0.08	0.13	0.08	0.08	0.03	28
Central Coast of Venezuela	0.29	0.17	0.15	0.06	0.22	0.07	0.06	0.03	238
Anguilla	0.29	0.22	0.23	0.06	0.17	0.12	0.12	0.03	8
Caribbean Coast of Honduras	0.26	0.16	0.16	0.05	0.3	0.08	0.07	0.05	185
Atlantic Coast of Cuba	0.25	0.06	0.05	0.06	0.15	0.02	0.01	0.02	259
Belize	0.24	0.15	0.15	0.03	0.16	0.04	0.03	0.03	90
Sint Maarten	0.23	0.22	0.22	0.01	0.13	0.11	0.11	0.02	6
Gulf of Mexico Coast of Cuba	0.22	0.04	0.03	0.04	0.05	0.01	0.01	0.01	122
Saint Barthelemy	0.22	0.15	0.14	0.05	0.12	0.1	0.11	0.01	4
Quintana Roo Mexico	0.22	0.14	0.17	0.07	0.22	0.06	0.07	0.04	166
Saint Martin	0.22	0.22	0.22	0	0.13	0.12	0.12	0.01	3
Turks and Caicos Islands	0.13	0.06	0.06	0.02	0.06	0.03	0.03	0.01	46
Barbados	0.13	0.1	0.1	0.02	0.09	0.04	0.04	0.02	21
Caribbean Coast of Guatemala	0.12	0.11	0.12	0.01	0.12	0.04	0.04	0.03	13
Trinidad and Tobago	0.11	0.07	0.08	0.03	0.07	0.03	0.03	0.01	77
Yucatan Mexico	0.07	0.02	0	0.03	0.02	0	0	0	59
Atlantic Coast of Venezuela	0.06	0.05	0.04	0.01	0.02	0.01	0.01	0	82
Bermuda	0.06	0.05	0.05	0	0.05	0.03	0.03	0.01	8
Guyana	0.05	0.04	0.04	0.01	0.02	0.01	0.01	0	101
Suriname	0.03	0.03	0.03	0	0.02	0.01	0.01	0	109
French Guyane	0.03	0.01	0.01	0	0.01	0	0	0	84

* 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 #9

ZCZC
WECA41 PHEB 152100
TSUCAX



TEST...TSUNAMI MESSAGE NUMBER 9...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2100 UTC THU MAR 15 2018

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 8.1
- * ORIGIN TIME 1400 UTC MAR 15 2018
- * COORDINATES 11.5 NORTH 74.8 WEST
- * DEPTH 15 KM / 9 MILES
- * LOCATION NEAR THE NORTH COAST OF COLOMBIA

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.1 OCCURRED NEAR THE NORTH COAST OF COLOMBIA AT 1400 UTC ON THURSDAY MARCH 15 2018.

* 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	COORDINATES		MEASURE (UTC)	TSUNAMI HEIGHT	PERIOD (MIN)
	LAT	LON			
PUERTO MORELOS MX	21.4N	86.8W	1726	0.18M/ 0.6FT	18
ISLA MUJERES	21.2N	86.7W	1727	0.17M/ 0.5FT	28
CEIBA CABOTAGE HN	15.8N	86.8W	1722	0.09M/ 0.3FT	20
CARRIE BOW CAY BH	16.8N	88.1W	1710	0.15M/ 0.5FT	22
PUERTO CORTES HN	15.8N	88.0W	1706	0.13M/ 0.4FT	26
PUERTO MORELOS MX	20.9N	86.9W	1700	0.21M/ 0.7FT	22
BRIDGEPORT BB	13.1N	59.6W	1656	0.12M/ 0.4FT	24
GANTERS BAY ST LUCI	14.0N	61.0W	1654	0.34M/ 1.1FT	28
UTILA ISLAND HN	16.1N	86.9W	1654	0.14M/ 0.4FT	14
LE ROBERT MARTINIQU	14.7N	60.9W	1649	0.13M/ 0.4FT	18
SAINT MARTIN FR	18.1N	63.1W	1646	0.22M/ 0.7FT	24
DESIRADE GUADELOUPE	16.3N	61.1W	1649	0.13M/ 0.4FT	26
PRICKLEY BAY GD	12.0N	61.8W	1645	0.21M/ 0.7FT	22
POINT A PITRE GP	16.2N	61.5W	1643	0.13M/ 0.4FT	22
ROATAN ISLAND HN	16.3N	86.5W	1643	0.11M/ 0.4FT	26
LAMESHURBAYSTJOHNVI	18.3N	64.7W	1639	0.25M/ 0.8FT	16
CALLIAQUA VC	13.1N	61.2W	1636	0.34M/ 1.1FT	22
FORT DE FRANCE MQ	14.6N	61.1W	1636	0.47M/ 1.5FT	26
ROSEAU DM	15.3N	61.4W	1630	0.36M/ 1.2FT	22
LE PRECHEUR MARTINI	14.8N	61.2W	1627	0.31M/ 1.0FT	18
DESHAIES GUADELOUPE	16.3N	61.8W	1631	0.32M/ 1.0FT	28
BASSETERRE KN	17.3N	62.7W	1629	0.22M/ 0.7FT	24
SAN JUAN PR	18.5N	66.1W	1618	0.13M/ 0.4FT	26
CAP HAITIEN HT	19.8N	72.2W	1611	0.13M/ 0.4FT	28
ARECIBO PR	18.5N	66.7W	1609	0.13M/ 0.4FT	28
GEORGE TOWN CY	19.3N	81.4W	1603	0.25M/ 0.8FT	22
ESPERANZA VIEQUES P	18.1N	65.5W	1603	0.39M/ 1.3FT	16
AGUADILLA PR	18.5N	67.2W	1601	0.29M/ 1.0FT	28
PORT SAN ANDRES DO	18.4N	69.6W	1607	0.61M/ 2.0FT	22
LIMETREE VI	17.7N	64.8W	1606	0.36M/ 1.2FT	28
ST CROIX VI	17.7N	64.7W	1600	0.24M/ 0.8FT	16
CAJA DE MUERTOS PR	17.9N	66.5W	1600	0.47M/ 1.5FT	18
MAGUEYES ISLAND PR	18.0N	67.0W	1555	0.48M/ 1.6FT	20
YABUCOA PR	18.1N	65.8W	1553	0.38M/ 1.2FT	24
MAYAGUEZ PR	18.2N	67.2W	1558	0.31M/ 1.0FT	26
PORT ROYAL JM	17.9N	76.8W	1549	1.04M/ 3.4FT	18
PUNTA CANA DO	18.5N	68.4W	1551	0.40M/ 1.3FT	26
LIMON CR	10.0N	83.0W	1542	0.75M/ 2.5FT	26
MONA ISLAND PR	18.1N	67.9W	1545	0.34M/ 1.1FT	26
BARAHONA DO	18.2N	71.1W	1536	0.82M/ 2.7FT	20
BULLEN BAY CURACAO	12.2N	69.0W	1531	0.41M/ 1.3FT	22
SAN ANDRES CO	12.6N	81.7W	1529	0.92M/ 3.0FT	22
DART 42407	15.3N	68.2W	1521	0.05M/ 0.1FT	16
SAPZURRO CO	8.7N	77.4W	1521	0.67M/ 2.2FT	24
PUERTO ESTRELLA CO	12.4N	71.3W	1523	0.73M/ 2.4FT	14
JACMEL HT	18.2N	72.5W	1524	1.11M/ 3.6FT	20
EL PORVENIR PA	9.6N	78.9W	1513	1.00M/ 3.3FT	24
COVENAS CO	9.4N	76.2W	1510	0.82M/ 2.7FT	22
SANTA MARTA CO	11.2N	74.2W	1420	5.40M/17.7FT	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 Puerto Rico

Cronograma del Mensaje por PTWC Puerto Rico

Fecha	Hora (UTC)	PTWC	
		Tipos de Productos	Transmisión de Métodos
3/15/18	1400	----- Se produce el terremoto -----	
3/15/18	1400	Dummy	NWWS, GTS, EMWIN, AISR, Fax, Email
3/15/18	1405	Mensaje de Amenaza de Tsunami #1	Email
3/15/18	1425	Mensaje de Amenaza de Tsunami #2 y Producto Grafico Mejorado	Email
3/15/18	1500	Mensaje de Amenaza de Tsunami #3	Email
3/15/18	1600	Mensaje de Amenaza de Tsunami #4	Email
3/15/18	1700	Mensaje de Amenaza de Tsunami #5	Email
3/15/18	1800	Mensaje de Amenaza de Tsunami #6	Email
3/15/18	1900	Mensaje de Amenaza de Tsunami #7	Email
3/15/18	2000	Mensaje de Amenaza de Tsunami #8	Email
3/15/18	2100	Mensaje Final de Amenaza de Tsunami #9	Email

Appendix F. TWC Exercise Messages

Puerto Rico Earthquake Scenario

The following messages created for the CARIBE WAVE 18 tsunami exercise are representative of the official standard products issued by the PTWC during a large magnitude 7.6 earthquake and tsunami originating in the Puerto Rico. During a real event, the TWCs would also issue graphical and html-based products to their web sites and via RSS. The alerts would persist longer during a real event than is depicted in this exercise.

PTWC Message #1

ZCZC

WECA41 PHEB 151405

TSUCAX AWIPS ID

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 1...TEST

NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

1405 UTC THU MAR 15 2018

...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 7.6
* ORIGIN TIME 1400 UTC MAR 15 2018
* COORDINATES 18.3 NORTH 67.8 WEST
* DEPTH 10 KM / 6 MILES
* LOCATION MONA PASSAGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.6 OCCURRED IN THE MONA PASSAGE AT 1400 UTC ON THURSDAY MARCH 15 2018.

* THIS IS A TEST MESSAGE. BASED ON THE PRELIMINARY EARTHQUAKE PARAMETERS... HAZARDOUS TSUNAMI WAVES ARE POSSIBLE FOR COASTS LOCATED WITHIN 1000 KM OF THE EARTHQUAKE EPICENTER.

TEST... TSUNAMI THREAT FORECAST ...TEST

* THIS IS A TEST MESSAGE. HAZARDOUS TSUNAMI WAVES FROM THIS EARTHQUAKE ARE POSSIBLE WITHIN 1000 KM OF THE EPICENTER ALONG THE COASTS OF

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

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)
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1414 03/15
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1426 03/15
SAN JUAN	PUERTO RICO	18.5N	66.1W	1428 03/15
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1437 03/15
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1442 03/15
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1442 03/15
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1453 03/15
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1454 03/15
JACAMEL	HAITI	18.1N	72.5W	1458 03/15
CAP HAITEN	HAITI	19.8N	72.2W	1459 03/15
SABA	SABA	17.6N	63.2W	1503 03/15
ONIMA	BONAIRE	12.3N	68.3W	1504 03/15
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1508 03/15
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1509 03/15
BASSETERRE	SAINT KITTS	17.3N	62.7W	1509 03/15
MAYAGUANA	BAHAMAS	22.3N	73.0W	1509 03/15
THE VALLEY	ANGUILLA	18.3N	63.1W	1510 03/15
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1510 03/15
ORANJESTAD	ARUBA	12.5N	70.0W	1512 03/15
PLYMOUTH	MONTserrat	16.7N	62.2W	1512 03/15
BARACOA	CUBA	20.4N	74.5W	1518 03/15
BASSE TERRE	GUADELOUPE	16.0N	61.7W	1519 03/15
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1519 03/15
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1522 03/15
ROSEAU	DOMINICA	15.3N	61.4W	1522 03/15
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1525 03/15
CASTRIES	SAINT LUCIA	14.0N	61.0W	1530 03/15
JEREMIE	HAITI	18.6N	74.1W	1530 03/15
PALMETTO POINT	BARBUDA	17.6N	61.9W	1530 03/15
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1531 03/15
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1532 03/15
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1532 03/15
SANTIAGO D CUBA	CUBA	19.9N	75.8W	1533 03/15
LONG ISLAND	BAHAMAS	23.3N	75.1W	1534 03/15
MAIQUETIA	VENEZUELA	10.6N	67.0W	1535 03/15
GIBARA	CUBA	21.1N	76.1W	1536 03/15
SAINT JOHNS	ANTIGUA	17.1N	61.9W	1536 03/15
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1536 03/15
WILLEMSTAD	CURACAO	12.1N	68.9W	1537 03/15
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1538 03/15
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1544 03/15
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1547 03/15
SAINT GEORGES	GRENADA	12.0N	61.8W	1556 03/15
CUMANA	VENEZUELA	10.5N	64.2W	1559 03/15
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1608 03/15
KINGSTON	JAMAICA	17.9N	76.9W	1614 03/15
RIOHACHA	COLOMBIA	11.6N	72.9W	1617 03/15
PORT AU PRINCE	HAITI	18.5N	72.4W	1623 03/15
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1737 03/15
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1836 03/15
FORLAMAR	VENEZUELA	10.9N	63.8W	1919 03/15

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.

\$\$

NNNN

PTWC Message #2

ZCZC
WECA41 PHEB 151425
TSUCAX



TEST...TSUNAMI MESSAGE NUMBER 2...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 15 2018

...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 7.6
- * ORIGIN TIME 1400 UTC MAR 15 2018
- * COORDINATES 18.3 NORTH 67.8 WEST
- * DEPTH 10 KM / 6 MILES
- * LOCATION MONA PASSAGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.6 OCCURRED IN THE MONA PASSAGE AT 1400 UTC ON THURSDAY MARCH 15 2018.

* 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 ...TEST

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

PUERTO RICO AND VIRGIN ISLANDS.

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

DOMINICAN REPUBLIC.

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

COLOMBIA... VENEZUELA... ANGUILLA... ARUBA... BONAIRE... CURACAO... GRENADA... AND SAINT VINCENT AND THE GRENADINES.

* 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)
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1414 03/15
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1426 03/15
SAN JUAN	PUERTO RICO	18.5N	66.1W	1428 03/15
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1437 03/15
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1442 03/15
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1442 03/15
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1453 03/15
ONIMA	BONAIRE	12.3N	68.3W	1504 03/15
THE VALLEY	ANGUILLA	18.3N	63.1W	1510 03/15
ORANJESTAD	ARUBA	12.5N	70.0W	1512 03/15
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1522 03/15
WILLEMSTAD	CURACAO	12.1N	68.9W	1537 03/15
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1538 03/15
SANTA MARTA	COLOMBIA	11.2N	74.2W	1548 03/15
SAINT GEORGES	GRENADA	12.0N	61.8W	1556 03/15
CARTAGENA	COLOMBIA	10.4N	75.6W	1604 03/15
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1608 03/15
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1612 03/15
RIOHACHA	COLOMBIA	11.6N	72.9W	1617 03/15
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1647 03/15
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1737 03/15
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1836 03/15

TEST... POTENTIAL IMPACTS ...TEST

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- * 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

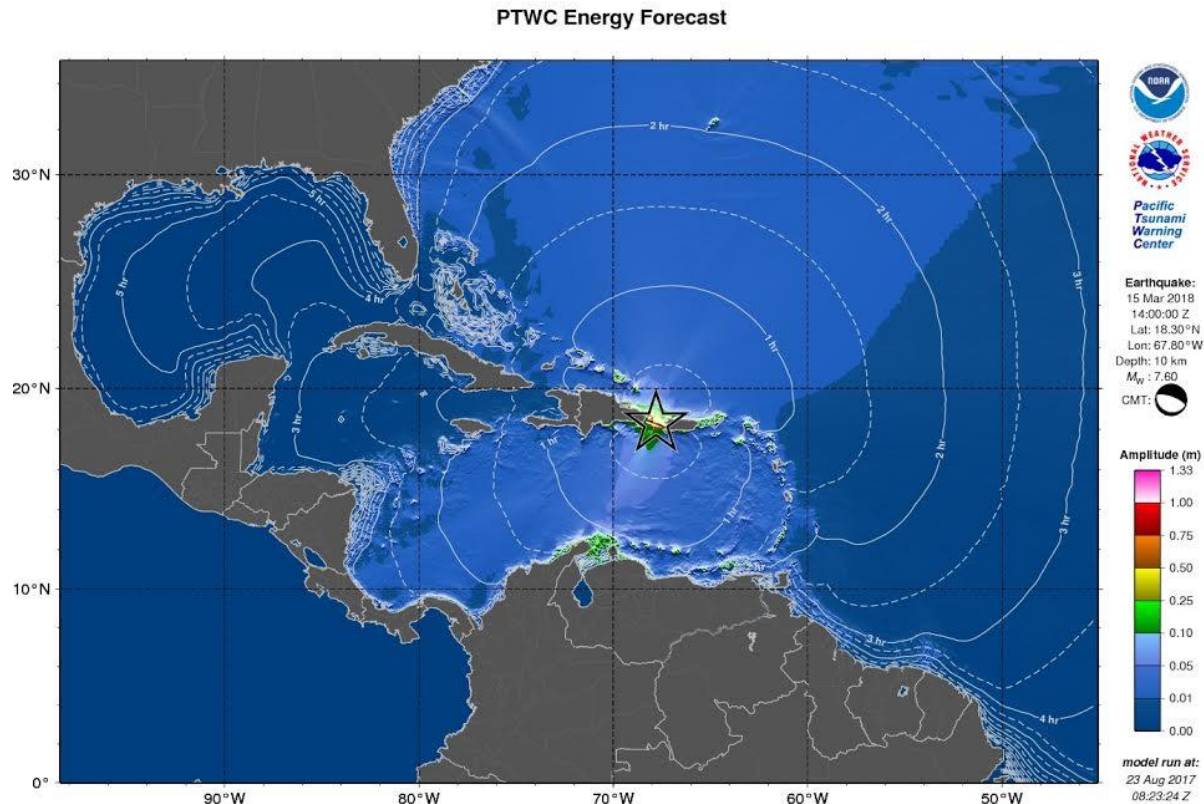
* THIS IS A TEST MESSAGE. THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH RESPECT TO THE NORMAL TIDE LEVEL.

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-.
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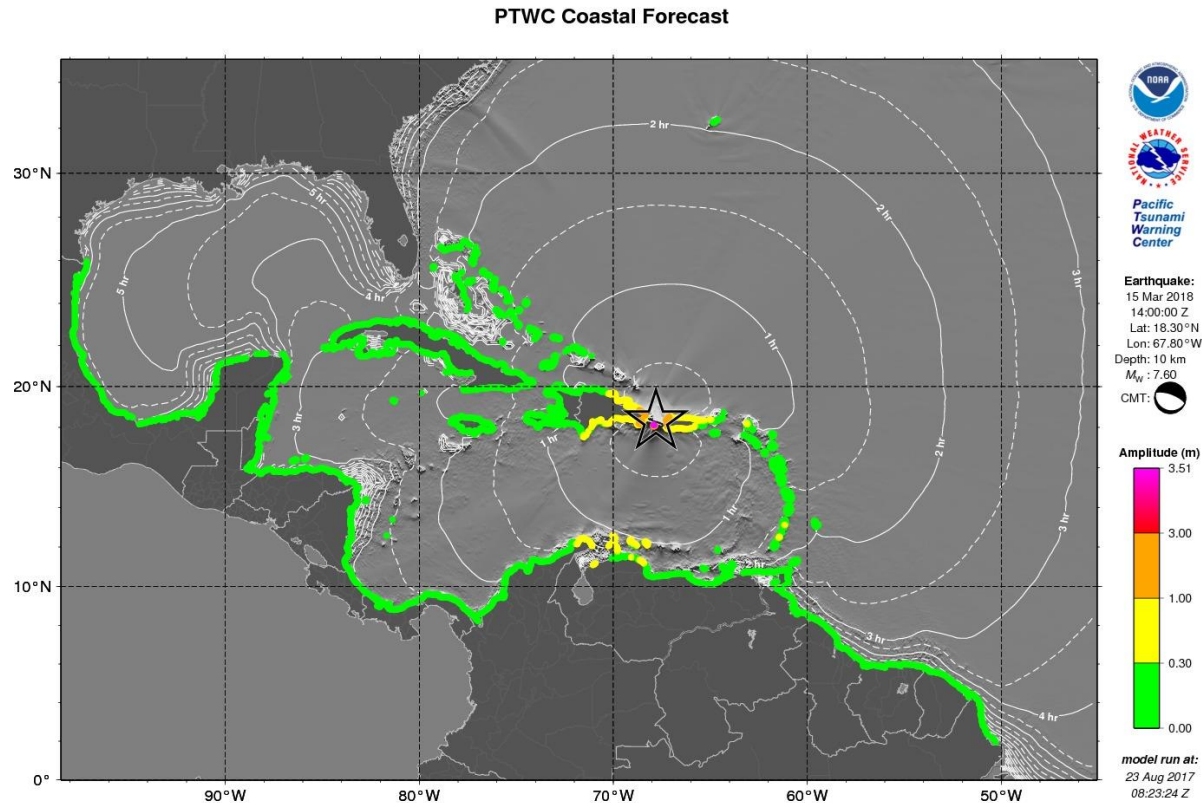
Pronóstico de Amplitud de Olas de Tsunami Puerto Rico



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

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.

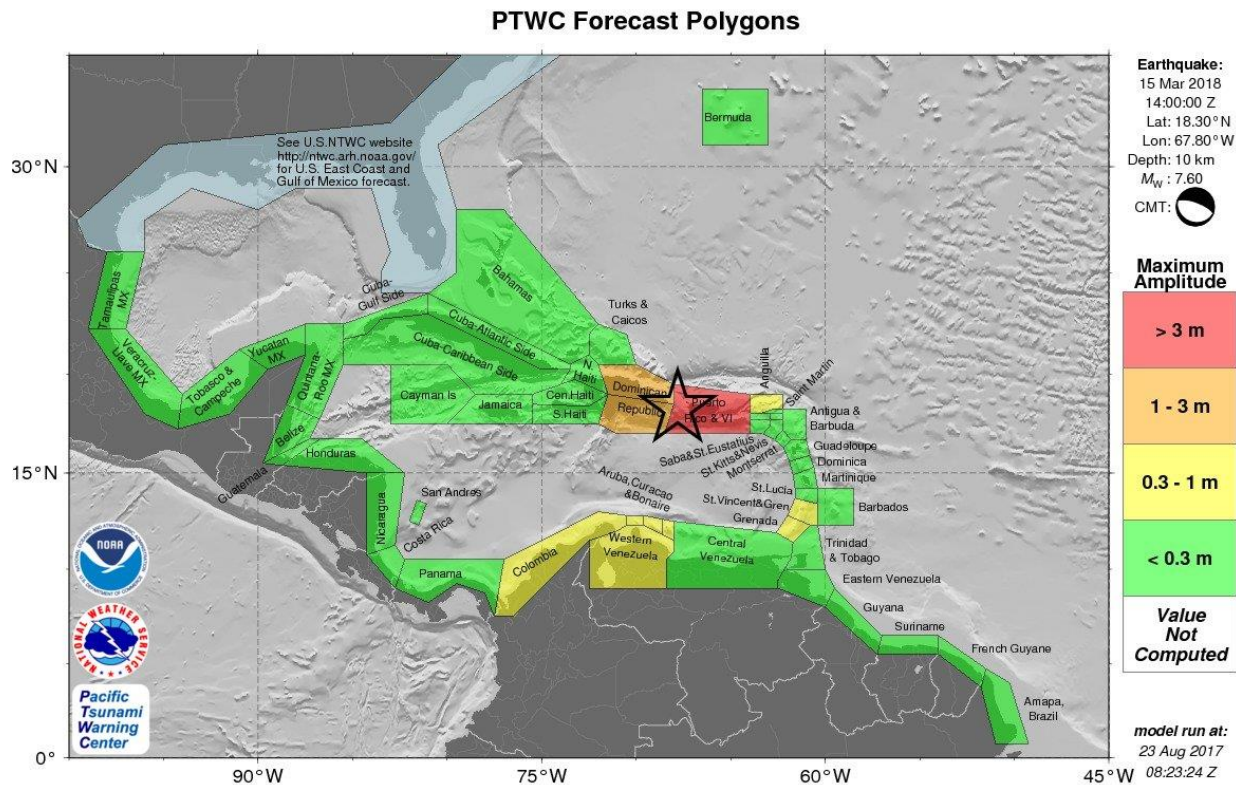
Pronóstico de Amplitud de Olas de Tsunami Puerto Rico



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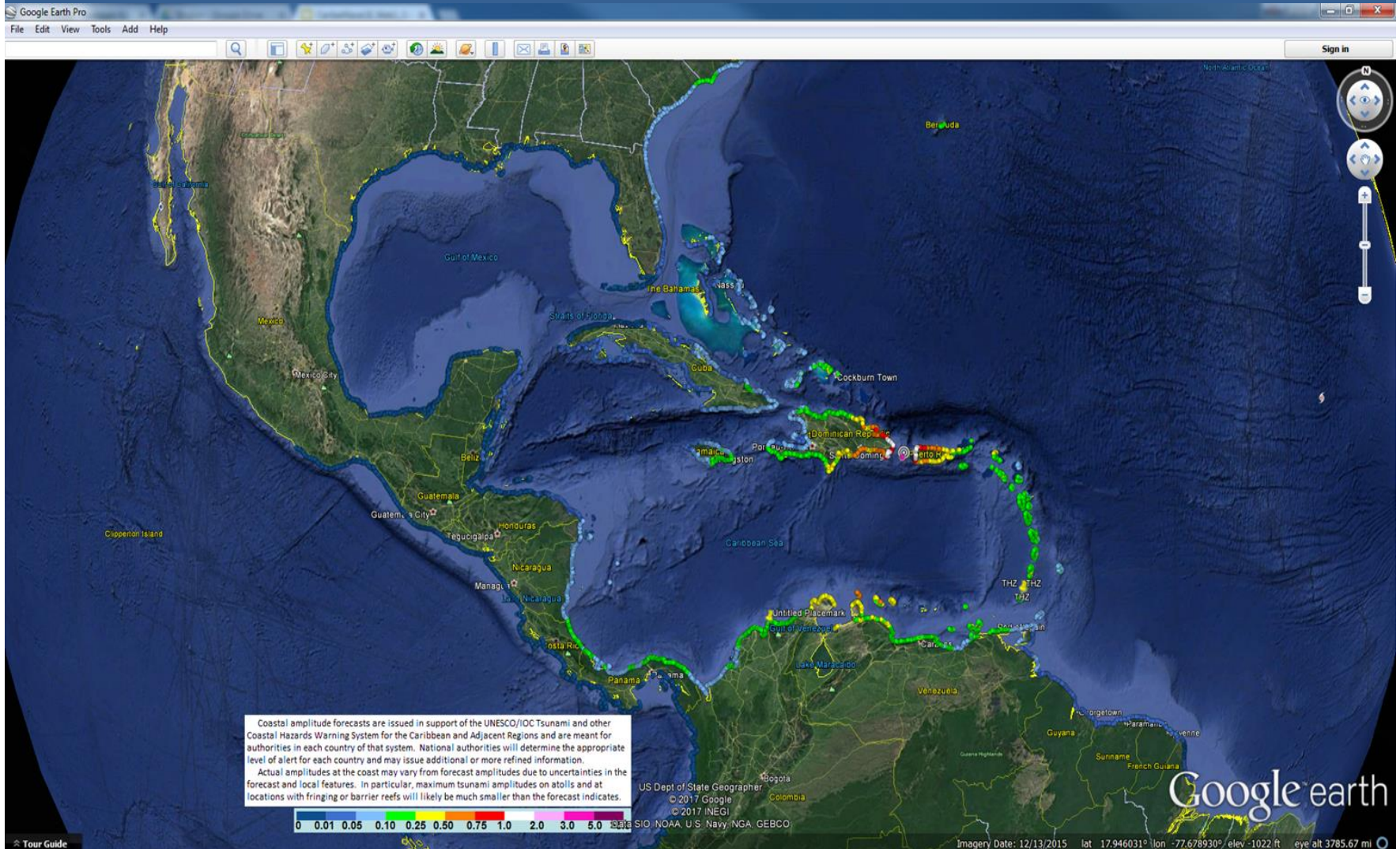
Pronóstico de Amplitud de Olas de Tsunami Puerto Rico



Mapa RIFT de polígonos de pronóstico para la región para el escenario del Puerto Rico.

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 Puerto Rico



Estadísticas de pronóstico para polígonos regionales*

Puerto Rico

Region Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Puerto_Rico_and_Virgin_Islands	3.5	0.59	0.42	0.56	1.3	0.3	0.23	0.24	190
Atlantic_Coast_of_Dominican_Republic	1.5	0.48	0.4	0.34	1.3	0.27	0.2	0.24	129
Caribbean_Coast_of_Dominican_Republic	1.3	0.49	0.41	0.27	1	0.24	0.19	0.18	148
Curacao	0.62	0.39	0.36	0.13	0.36	0.14	0.13	0.06	27
Aruba	0.61	0.53	0.54	0.06	0.38	0.24	0.22	0.09	8
Caribbean_Coast_of_Colombia	0.49	0.16	0.14	0.09	0.3	0.09	0.08	0.06	255
Western_Coast_of_Venezuela	0.45	0.28	0.26	0.06	0.39	0.19	0.19	0.07	100
Bonaire	0.43	0.36	0.35	0.06	0.52	0.23	0.18	0.12	15
Grenada	0.33	0.2	0.22	0.09	0.22	0.1	0.07	0.05	29
Saint_Vincent_and_the_Grenadines	0.32	0.22	0.22	0.05	0.19	0.09	0.08	0.04	33
Anguilla	0.31	0.28	0.29	0.03	0.31	0.18	0.17	0.06	8
Turks_and_Caicos_Islands	0.27	0.16	0.15	0.06	0.15	0.07	0.07	0.03	46
Central_Coast_of_Venezuela	0.26	0.15	0.14	0.05	0.2	0.08	0.08	0.04	238
Saint_Kitts_and_Nevis	0.26	0.2	0.19	0.04	0.18	0.08	0.07	0.04	29
Saba_and_Saint_Eustatius	0.22	0.18	0.16	0.03	0.07	0.05	0.05	0.01	8
Saint_Lucia	0.22	0.16	0.17	0.04	0.11	0.06	0.06	0.02	26
Antigua_and_Barbuda	0.21	0.12	0.1	0.05	0.17	0.08	0.09	0.04	28
Caribbean_Coast_of_Haiti	0.21	0.14	0.14	0.03	0.11	0.05	0.05	0.02	89
Montserrat	0.21	0.17	0.16	0.03	0.1	0.06	0.05	0.02	11
Bermuda	0.21	0.2	0.2	0.01	0.23	0.13	0.12	0.06	8
Guadeloupe	0.2	0.15	0.15	0.03	0.12	0.06	0.05	0.02	73
Sint_Maarten	0.19	0.18	0.18	0.01	0.13	0.1	0.09	0.02	6
Saint_Martin	0.19	0.19	0.19	0	0.15	0.12	0.13	0.02	3
Saint_Barthelemy	0.18	0.14	0.14	0.02	0.11	0.1	0.1	0.01	4
Martinique	0.18	0.14	0.15	0.03	0.16	0.07	0.06	0.03	41
Atlantic_Coast_of_Haiti	0.17	0.11	0.11	0.04	0.1	0.04	0.04	0.02	66
Caribbean_Coast_of_Costa_Rica	0.17	0.12	0.11	0.02	0.13	0.08	0.07	0.02	48
Dominica	0.17	0.14	0.14	0.02	0.14	0.04	0.04	0.02	31
Jamaica	0.16	0.08	0.06	0.04	0.19	0.04	0.03	0.02	146
Caribbean_Coast_of_Panama	0.16	0.1	0.1	0.03	0.12	0.06	0.06	0.03	179
Atlantic_Coast_of_Cuba	0.12	0.04	0.05	0.03	0.05	0.01	0.01	0.01	259
Bahamas	0.11	0.05	0.05	0.02	0.13	0.03	0.02	0.02	443
Barbados	0.11	0.08	0.08	0.02	0.06	0.03	0.03	0.01	21
Caribbean_Coast_of_Nicaragua	0.1	0.07	0.07	0.01	0.06	0.02	0.02	0.01	139
Trinidad_and_Tobago	0.09	0.07	0.07	0.02	0.09	0.04	0.04	0.01	77
Caribbean_Coast_of_Cuba	0.09	0.03	0.03	0.02	0.06	0.01	0.01	0.01	423
Gulf_of_Gonave_Coast_of_Haiti	0.07	0.05	0.05	0.01	0.06	0.02	0.01	0.01	140
Atlantic_Coast_of_Venezuela	0.06	0.05	0.05	0	0.05	0.01	0.01	0.01	82
San_Andres_and_Providencia	0.05	0.05	0.05	0	0.02	0.02	0.02	0	4
Guyana	0.04	0.03	0.03	0.01	0.03	0.01	0.01	0.01	101
Suriname	0.03	0.02	0.02	0	0.03	0.01	0.01	0	109
French_Guyane	0.03	0.01	0.01	0	0.03	0.01	0	0	84
Cayman_Islands	0.03	0.02	0.03	0	0.02	0.01	0.01	0	9
Quintana_Roo_Mexico	0.02	0.01	0.01	0	0.02	0	0	0	166
Gulf_of_Mexico_Coast_of_Cuba	0.02	0	0	0	0.01	0	0	0	122
Caribbean_Coast_of_Honduras	0.01	0.01	0.01	0	0.01	0	0	0	185
Belize	0.01	0.01	0.01	0	0.01	0	0	0	90
Amapa_Brazil	0.01	0.01	0.01	0	0.01	0	0	0	83

* 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 #9

ZCZC
WECA41 PHEB 152100 **WMO ID**
TSUCAX **AWIPS ID**

TEST...TSUNAMI MESSAGE NUMBER 9...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2100 UTC THU MAR 15 2018

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.

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

TEST... PRELIMINARY EARTHQUAKE
PARAMETERS ...TEST

* MAGNITUDE 7.6
* ORIGIN TIME 1400 UTC MAR 15 2018
* COORDINATES 18.3 NORTH 67.8 WEST
* DEPTH 10 KM / 6 MILES
* LOCATION MONA PASSAGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.6 OCCURRED IN THE MONA PASSAGE AT 1400 UTC ON THURSDAY MARCH 15 2018.

* 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... 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.

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EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON
THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN
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COAST... US EAST COAST... AND THE MARITIME PROVINCES OF
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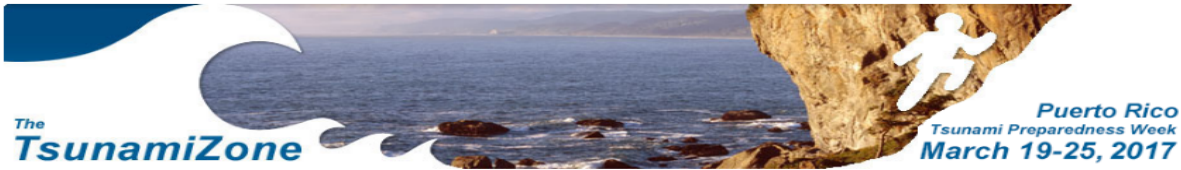
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NNNN

Participación de los Estados Miembros – Registro Tsunami Zone

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

Inicio Regiones del TsunamiZone Otros Idiomas Contáctenos Búsqueda Iniciar sesión



¡Inscríbese aquí! ¿Quién 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, aléjese...

OFICIALES EVENTOS 2018

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

11-17 de marzo
[Puerto Rico](#),
[Islas Virgenes de EE.UU.](#),
[CARIBE WAVE](#) (15 de marzo)

Marzo
[Alaska](#) & [California](#)

Abril
[Hawai](#), [Guam](#), & [Washington](#)

24-30 de septiembre
[Samoa Americana](#)

Octubre
[Oregon](#) & [Washington](#)

5 de Noviembre
[World Tsunami Awareness Day](#)

TWFP y NTWC no necesitan estar registrados en Tsunami Zone para recibir los buletines simulados del PTWC pero se les anima a hacerlo para ser parte del recuento estadístico de quién participa.

10 participantes inscritos 60 días para el TsunamiZone

CARIBE WAVE 2018

Este año el TsunamiZone se ha unido con el simulacro caribeño [Caribe Wave](#) para ofrecer la oportunidad al pueblo hispanohablante de prepararse para los tsunamis.

Visite el sitio web del [Caribe Wave](#) para aprender más sobre cómo puede prepararse mejor para sobrevivir y recuperarse de un tsunami en su región. También encontrará [manuales para participantes](#) (en inglés) que contienen información útil sobre los dos escenarios propuestos a los participantes.

PARTICIPANTES

[¡Inscríbese](#) hoy para unirse a más de cien mil personas que se preparan para los tsunamis!

Total mundial en 2018: 10

Total mundial en 2017: Más de 820.000

CHÁCHARA DE TSUNAMI

You like this

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The
TsunamiZone

Puerto Rico
Tsunami Preparedness Week
March 19-25, 2017

[¡Inscríbese aquí!](#)

[¿Quién 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!



OFICIALES EVENTOS 2018

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

11-17 de marzo
[Puerto Rico](#),
[Islas Vírgenes de EE.UU.](#),
[CARIBE WAVE](#) (15 de marzo)

Marzo
Alaska & [California](#)

Abril
Hawai, Guam, & Washington

24-30 de septiembre
Samoa Americana

Octubre
Oregón & Washington

5 de Noviembre
World Tsunami Awareness Day

10 participantes inscritos

72 días para el TsunamiZone



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

Los países pueden llevar un registro de los participantes haciendo clic en «Who is Participating»



TOTALES DE PARTICIPACIÓN

Este gráfico muestra los totales de participación por categoría para el TsunamiZone de 2018. Haga clic en una categoría para ver los participantes que optaron incluirse.

Estos totales son actuales a partir de 02.02.2016 6:45 PM PST.

Categoría	Participantes	Participantes por área	Total
Total:	698		
Individuos/Familias	81	California	69
Cuido de niños y Pre-escolares	0	North Coast	0
Escuelas K-12	0	Shasta Cascade	0
Organizaciones para la Juventud	0	Bay Area	53
Universidades/colegios comunitarios	0	Delta Sierra	2
Tribus	0	Inyo-Mono	0
Gobierno Federal (Incluidos Los Militares)	10	Central Valley South	0
Gobierno Estatal	0	Central Coast	1
Gobierno Municipal	100	Southern California Coast	10
Grupos Comunitarios/Urbanizaciones	0	Inland Southern California	0
Negocios	0	San Diego	3
Centros de Salud/Hospitales	360	Otros Areas	0
Centros Geriátricos/Comunidad de Personas de Edad Avanzada	0	Caribe	616
Agencias de atención a incapacitados	0	Anguilla	0
Organizaciones sin Fines de Lucro	100	Antigua y Barbuda	0
Organizaciones de Preparación y Respuesta	47	Aruba	0
Iglesias/instituciones denominacionales	0	Bahamas	0
Museos, Bibliotecas, Parques, etc.	0	Barbados	0
Clubes de voluntarios/servicio	0	Belice	0
Albergues para animales/veterinarios	0	Bermuda	0
Agricultura/Ganadería	0	Bonaire	0
Voluntarios de Grupos Radiales	0	Brasil	0
Organizaciones de Ciencia e Ingeniería	0	Islas Vírgenes Británicas	0
Radio/televisión/prensa/internet	0	Islas Caimán	0
Otro	0	Colombia	0
		Costa Rica	0
		Cuba	0
		Curacao	0
		Dominica	0
		República Dominicana	0
		Francia	0
		Granada	1
		Guadalupe	0
		Guatemala	0

TOTALES DE PARTICIPACIÓN

Este gráfico muestra los totales de participación por categoría para el TsunamiZone de 2018. Haga clic en una categoría para ver los participantes que optaron incluirse.

Estos totales son actuales a partir de 02.02.2016 6:45 PM PST.

Categoría	Participantes	Participantes por área	Total
Total:	616		
Individuos/Familias	29	Anguilla	0
Cuido de niños y Pre-escolares	0	Antigua and Barbuda	0
Escuelas K-12	0	Aruba	0
Organizaciones para la Juventud	0	Bahamas	0
Universidades/colegios comunitarios	0	Barbados	0
Tribus	0	Belize	0
Gobierno Federal (Incluidos Los Militares)	10	Bermuda	0
Gobierno Estatal	0	Bonaire	0
Gobierno Municipal	100	Brazil	0
Grupos Comunitarios/Urbanizaciones	0	British Virgin Islands	0
Negocios	0	Cayman Islands	0
Centros de Salud/Hospitales	360	Colombia	0
Centros Geriátricos/Comunidad de Personas de Edad Avanzada	0	Costa Rica	0
Agencias de atención a incapacitados	0	Cuba	0
Organizaciones sin Fines de Lucro	100	Curacao	0
Organizaciones de Preparación y Respuesta	17	Dominica	0
Iglesias/instituciones denominacionales	0	Dominican Republic	0
Museos, Bibliotecas, Parques, etc.	0	France	0
Clubes de voluntarios/servicio	0	Grenada	1
Albergues para animales/veterinarios	0	Guadeloupe	0
Agricultura/Ganadería	0	Guatemala	0
Voluntarios de Grupos Radiales	0	Guyana	0
Organizaciones de Ciencia e Ingeniería	0	Guyane	0
Radio/televisión/prensa/internet	0	Haiti	0
Otro	0	Honduras	0
		Jamaica	0
		Martinique	0
		Mexico	0
		Montserrat	0
		Netherlands	0
		Nicaragua	0
		Panama	2
		Puerto Rico	0
		Saba	0
		Saint Barthelemy	0
		Saint Kitts and Nevis	0
		Saint Lucia	0
		Saint Martin	110
		Saint Vincent and the Grenadines	0
		Sint Eustatius	0
		Sint Maarten	0
		Suriname	0
		Trinidad and Tobago	0
		Turks and Caicos Islands	0
		U.S. Virgin Islands	3
		Venezuela	122

ORGANIZACIONES SIN FINES DE LUCRO INSCRITO/S EN 2018

tilt public 144 rue de tocqueville 75017 paris
[Tilt public, saint martin, Saint Martin](#)

CENTROS DE SALUD/HOSPITALES INSCRITO/S EN 2018

[Centre Hospitalier Universitaire de Pointe a Pitre](#)
[Centre Hospitalier Louis Constant FLEMING SAINT MARTIN](#)
[French West Indies, MARIGOT, Saint Martin](#)

Recursos

- Manuales IOC “[How to plan, conduct and evaluate tsunami exercises](#)” y “[Module on Tsunami Exercise](#)” que será un recurso útil. (Inglés y Español).
- Manuales CARIBE WAVE 2011, 2013, 2014, 2015, 2016 y 17.
- Informe Final CARIBE WAVE 2013, 2014, 2015, 2016 y 2017.
- 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 WAVE 18 de CARIBE

Detalles Adicionales

- 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.

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Cronología

Acción	Fecha Límite
El borrador circuló por los ICG CARIBE EWS TNC/TWFP	✓ Aug 2017
Plazo para Comentarios	✓ Sep 2017
Manual Final del Ejercicio Disponible en línea	✓ Oct 2017
Carta Circular Publicado por IOC para MS	✓ Nov 2017
1 ^{er} Seminario en línea de CW	23 - Enero- 2018 - Inglés 24- Enero- 2018 - Español 25- Enero- 2018 – Francés
2 ^{do} Seminario en línea de CW	27- Febrero- 2018 -Inglés 28- Febrero- 2018 -Español 1- Marzo- 2018 - Francés
Los países informaron en cual ejercicio estarán participando	Marzo 2, 2018
Ejercicio	15-Marzo-2018
Plazo para Evaluación del Ejercicio	4-April-2018
Reporte Final del Manual CARIBE WAVE 18	

Preguntas, Comentarios

¡Gracias por su participación!

christa.vonh@noaa.gov