

Premier Webinaire

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ICG CARIBE EWS Chair
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CARIBE WAVE 2019



Dans les Caraïbes et régions adjacentes, 48 États membres et territoires ont participé à cet exercice, avec un total de 793,353 personnes engagées.

- Cela représentait un taux de participation des États membres de 100% (contre 97% en 2018).

Objectifs Caribe Wave 20

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

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

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

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

Métriques

[illegible]

Manuel de l'Exercice

- Disponible en ligne en anglais sur le lien suivant,

www.caribewave.info

- Il comprend:
 - La description du tsunami et du séisme de chaque scénario
 - Le calendrier
 - Le message "dummy" initial et des messages de menaces simulées
 - Le temps estimé de trajet et l'amplitude attendue des vagues
 - Le lien vers le questionnaire d'évaluation

CARIBE WAVE 20

[Weather.gov](#) > [Caribbean Tsunami Warning Program](#) > CARIBE WAVE 20

Caribbean Tsunami Warning Program
National Program

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

The Tsunami Exercise CARIBE WAVE 20 will be on **March 19, 2020**!

WEBINARS

During the webinars we will be reviewing the upcoming CARIBE WAVE 20 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 21, 2020 ([presentation](#))
[Español](#) - 22 de enero de 2020 ([presentación](#))
[Français](#) - 23 janvier 2020 ([présentation](#))

Webinar 2
[English](#) - February 26, 2020
[Español](#) - 27 de febrero de 2020
[Français](#) - 28 février 2020

Information regarding the Webinars 1 & 2:

- All webinars will start at 19:00 UTC
- Webinars have a max space of 24 connections per conference. If more than 1 person in your office wants to join the webinar, please share the same connection.
- Webinars do not require pre-registration.
- You will be able to join the Webinar 15min before starting time.
- Download the [PDF](#) to follow the steps needed to join the Webinars (the process may take up to 30min).

CLICK THE LINK AND REGISTER TO BE COUNTED AND LISTED AS A CARIBE WAVE 20 PARTICIPANT ON THE TSUNAMI WEBSITE

<http://www.tsunamizone.org/register/>

DOCUMENTS

- Jamaica KMZ file - [Download](#)
- Portugal KMZ file - [Download](#)
- Participant Handbook - [PDF](#)
- IOC Circular Letter - [PDF](#)

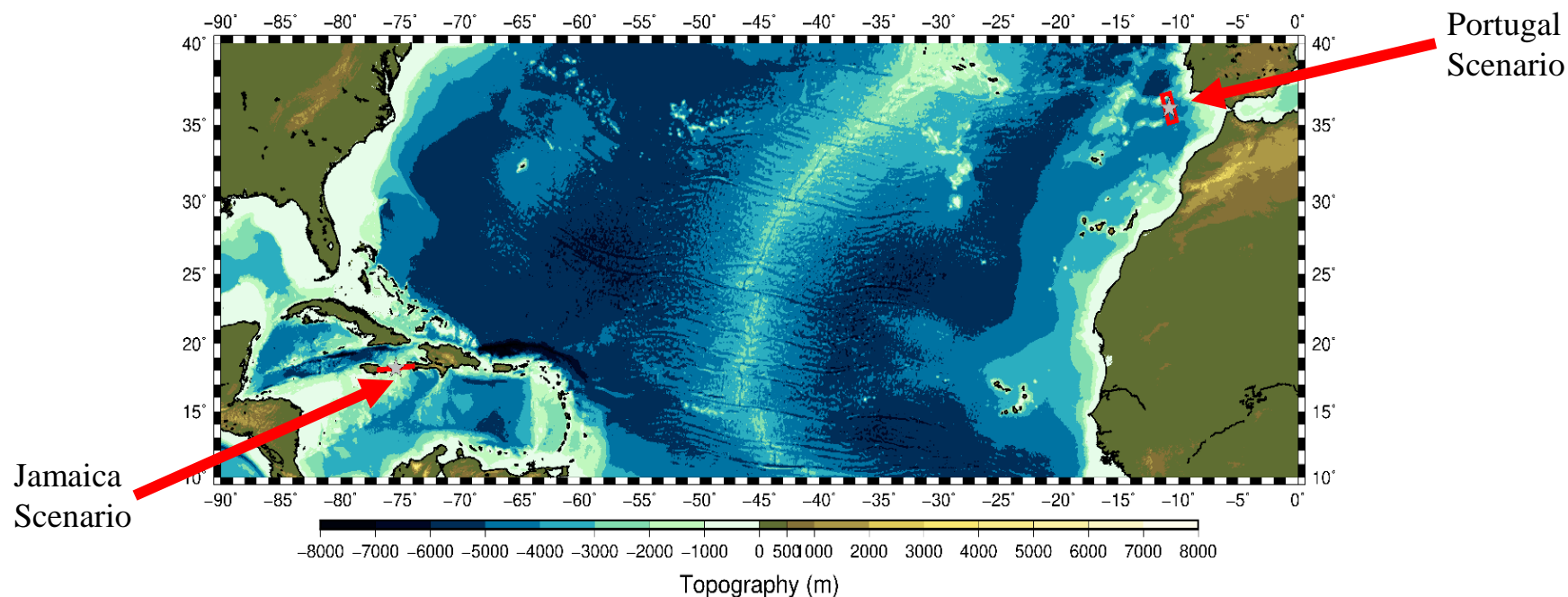
CARIBE WAVE 20 Scenarios by Member State/Territory

*scenarios decided by Caribe Wave organizers per Exercise Handbook

Jamaica	Portugal

CARIBE WAVE 20

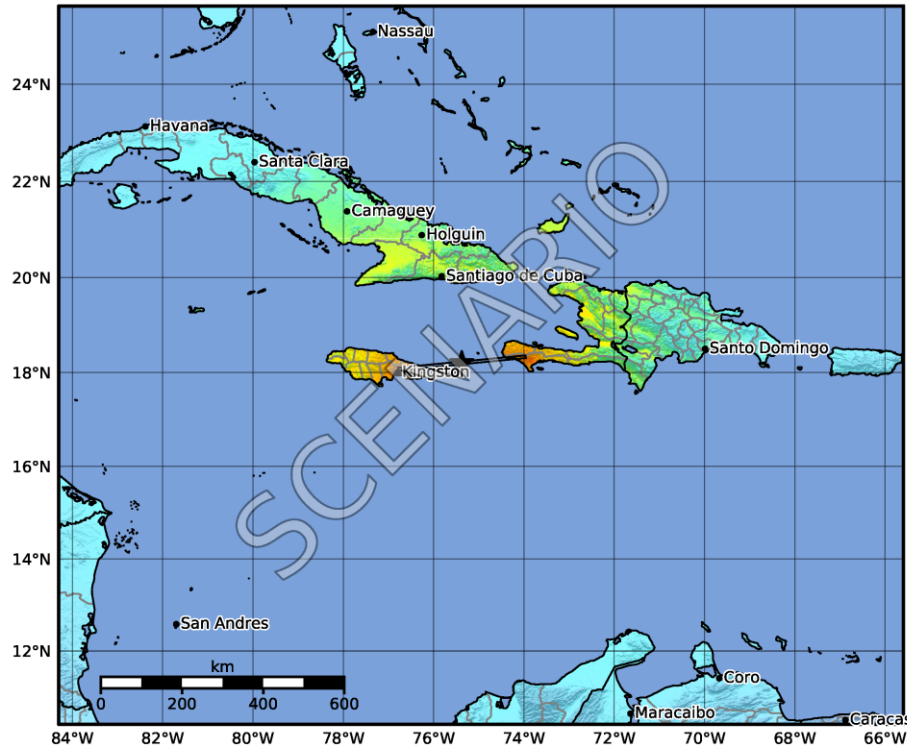
Carte Scénarios



Scène	Temps d'origine	Mw	Épicentre
Jamaica	14:00:00 UTC 19 mars 2020	8.0	18.2°N, 75.3°W
Portugal		8.5	36.0°N, 10.7°W

Scénario d'impact sismique 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

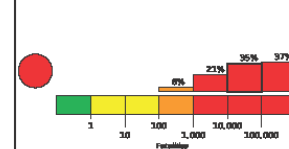
Origin Time: 2019-01-31 00:00:00 UTC (Wed 19:00:00 local)
Location: 18.20°N 75.38°W Depth: 25.0 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Earthquake Shaking **Red Alert**



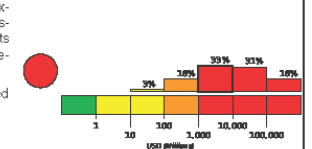
PAGER
Version 11

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=1000)	—	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	138k
VIII	Kingston	939k
VIII	New Kingston	584k
VIII	Mona Heights	3k
VIII	Constant Spring	13k
VIII	Chantrel	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=1000)

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

Event ID: us.Jamaica.CaribeWave.se

Début d'exercice Caribe Wave 20

- Concernent le scénario du Portugal, les vagues devraient avoir un impact sur les Caraïbes a partir de 2105 UTC.
- Les pays participants ont le pouvoir discrétionnaire d'ajuster les horaires en fonction de leurs besoins dans le communautés, car la messagerie PTWC peut s'exécuter séparément de l'exercice.

PRODUITS PTWC

Pour Caribe Wave 20, le PTWC émettra les produits suivants:

- Le message dummy initial pour les deux scénarios sera émis le 19 mars 2020 à 1400 UTC et diffusé sur tous ses canaux de diffusion standards.
- Le PTWC affichera un message de début d'exercice sur son compte Twitter à 1400 UTC.
- À partir 1407 UTC, les courriels PTWC contenant tous les produits améliorés simulés (texte et graphique) seront envoyés aux serveurs Web Caribe EWS, TWFP et NTWC désignées par l'un des scénarios.
 - D'ici le 6 Mars 2020, chaque État membre doit sélectionner un scénario et remplir le questionnaire suivant (<https://forms.gle/7iEBp187x1UXaXYy6>) pour sélectionner le scénario que leur pays utilisera pour l'exercice. Si l'État membre n'informe pas le PTWC et le CTWP, les organisateurs décideront pour quel scénario le PTWC enverra les produits.
 - Chaque pays et territoire choisira un scénario et décidera si et comment diffuser les messages dans sa zone de responsabilité.
 - Pour vérifier la liste actuelle des UNESCO CARIBE EWS TWFP et NTWC officiellement désignés par l'UNESCO, consultez:

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

Nom d'utilisateur: tsunami Mot de passe: bigwave

CARIBE WAVE 20 Scénarios par État membre/territoire

*scenarios choisis par les organisateurs de Caribe Wave par manuel d'exercices

Jamaica	Portugal

Appendix E. TWC Dummy (Start of Exercise) Messages

PTWC

Centre

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 19 MAR 2020

...TEST...CARIBE WAVE 20 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 20 TSUNAMI EXERCISE AND TEST COMMUNICATIONS WITH UNESCO IOC CARIBE EWS NTWCS AND TWFPS. THIS WILL BE THE ONLY EXERCISE MESSAGE BROADCAST FROM THE PACIFIC TSUNAMI WARNING CENTER EXCLUDING SPECIAL EMAIL MESSAGES DISCUSSED IN THE HANDBOOK. THE HANDBOOK IS AVAILABLE AT THE WEB SITE CARIBEWAVE.INFO. THE EXERCISE PURPOSE IS TO PROVIDE AND EVALUATE THE CARIBE EWS TSUNAMI WARNING SYSTEM.

THIS IS ONLY AN EXERCISE.

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Dummy (début d'exercice) Message

Le message du début de l'exercice Caribe Wave 20 sera envoyés sur le(s) compte(s) Twitter de PTWC.

“This is a test message for CARIBEWAVE 20 tsunami exercise #CaribeWave”
(Il sera diffusé à 14h00 comptes UTC / abonnés NWS_PTWC et NWS_CTWP)

Jamaica Scénario

Chronologie des Messages par PTWC Jamaica

Date	Heure (UTC)	PTWC	
		Type of Produit	Méthode de transmission
3/19/20	1400	- - - - Le séisme se produit - - - -	
3/19/20	1400	Fictif	NWWS, GTS, EMWIN, AISR, Fax, Email
3/19/20	1407	Message de Menace Tsunami #1	Email
3/19/20	1415	Message de Menace Tsunami #2	Email
3/19/20	1425	Message de Menace Tsunami #3 et Produits Graphiques Améliorés	Email
3/19/20	1500	Message de Menace Tsunami #4	Email
3/19/20	1600	Message de Menace Tsunami #5	Email
3/19/20	1700	Message de Menace Tsunami #6	Email
3/19/20	1800	Message de Menace Tsunami #7	Email
3/19/20	1900	Message de Menace Tsunami #8	Email
3/19/20	2000	Message de Menace Tsunami #9	Email
3/19/20	2100	Message de Menace Tsunami #10	Email
3/19/20	2200	Message de Menace Tsunami #11	Email
3/19/20	2300	Message Final de Menace Tsunami #12	Email

PTWC Message #1

ZCZC
WECA41 PHEB 191407 WMO ID
TSUCAX AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1407 UTC THU MAR 19 2020

...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 19 2020
* 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 19 2020.

* 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	03/19
JEREMIE	HAITI	18.6N	74.1W	1424	03/19
JACAMEL	HAITI	18.1N	72.5W	1433	03/19
BARACOA	CUBA	20.4N	74.5W	1442	03/19
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1446	03/19

GREAT INAGUA	BAHAMAS	20.9N	73.7W	1448	03/19	BASSE TERRE	GUADELOUPE	16.0N	61.7W	1617	03/19
KINGSTON	JAMAICA	17.9N	76.9W	1451	03/19	THE VALLEY	ANGUILLA	18.3N	63.1W	1620	03/19
CAP HAITEN	HAITI	19.8N	72.2W	1454	03/19	CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1621	03/19
MONTEGO BAY	JAMAICA	18.5N	77.9W	1454	03/19	ROSEAU	DOMINICA	15.3N	61.4W	1621	03/19
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1458	03/19	FREEPORT	BAHAMAS	26.5N	78.8W	1622	03/19
GIBARA	CUBA	21.1N	76.1W	1502	03/19	COLON	PANAMA	9.4N	79.9W	1622	03/19
MAYAGUANA	BAHAMAS	22.3N	73.0W	1502	03/19	LA HABANA	CUBA	23.2N	82.4W	1624	03/19
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1502	03/19	ABACO ISLAND	BAHAMAS	26.6N	77.1W	1627	03/19
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1505	03/19	CASTRIES	SAINT LUCIA	14.0N	61.0W	1627	03/19
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1510	03/19	FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1630	03/19
CIENFUEGOS	CUBA	22.0N	80.5W	1511	03/19	BOCAS DEL TORO	PANAMA	9.4N	82.2W	1633	03/19
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1513	03/19	KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1633	03/19
LONG ISLAND	BAHAMAS	23.3N	75.1W	1522	03/19	BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	1634	03/19
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1522	03/19	BIMINI	BAHAMAS	25.8N	79.3W	1635	03/19
SANTA MARTA	COLOMBIA	11.2N	74.2W	1526	03/19	BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	1638	03/19
PORT AU PRINCE	HAITI	18.5N	72.4W	1527	03/19	SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	1639	03/19
ORANJESTAD	ARUBA	12.5N	70.0W	1529	03/19	CUMANA	VENEZUELA	10.5N	64.2W	1643	03/19
EXUMA	BAHAMAS	23.6N	75.9W	1532	03/19	PALMETTO POINT	BARBUDA	17.6N	61.9W	1644	03/19
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1532	03/19	SAINT GEORGES	GRENADA	12.0N	61.8W	1645	03/19
ONIMA	BONAIRE	12.3N	68.3W	1535	03/19	SAINT JOHNS	ANTIGUA	17.1N	61.9W	1650	03/19
CARTAGENA	COLOMBIA	10.4N	75.6W	1535	03/19	TRUJILLO	HONDURAS	15.9N	86.0W	1650	03/19
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1537	03/19	ESSO PIER	BERMUDA	32.4N	64.7W	1650	03/19
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1538	03/19	BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	1653	03/19
CAT ISLAND	BAHAMAS	24.4N	75.5W	1541	03/19	BRIDGETOWN	BARBADOS	13.1N	59.6W	1656	03/19
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1541	03/19	PUNTA GORDA	NICARAGUA	11.4N	83.8W	1706	03/19
SAN ANDRES	SAN ANDRES PROVI	13.4N	81.4W	1544	03/19	TEST... POTENTIAL IMPACTS ...TEST					
SAN JUAN	PUERTO RICO	18.5N	66.1W	1544	03/19	-----					
PROVIDENCIA	SAN ANDRES PROVI	12.6N	81.7W	1547	03/19	* THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE					
BARRANQUILLA	COLOMBIA	11.1N	74.9W	1548	03/19	TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR.					
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1549	03/19	THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE					
ALIGANDI	PANAMA	9.2N	78.0W	1550	03/19	INITIAL WAVE.					
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1558	03/19	* THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM					
PUERTO CARRETO	PANAMA	8.8N	77.6W	1558	03/19	ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND					
COZUMEL	MEXICO	20.5N	87.0W	1600	03/19	THE SHAPE AND ELEVATION OF THE SHORELINE.					
RIOHACHA	COLOMBIA	11.6N	72.9W	1602	03/19	* THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON					
WILLEMSTAD	CURACAO	12.1N	68.9W	1602	03/19	THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI					
SABA	SABA	17.6N	63.2W	1603	03/19	WAVES.					
PUERTO CORTES	HONDURAS	15.9N	88.0W	1603	03/19	* THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A					
BASSETERRE	SAINT KITTS	17.3N	62.7W	1608	03/19	TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR					
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1609	03/19	BE SWEEPED OUT TO SEA.					
NASSAU	BAHAMAS	25.1N	77.4W	1610	03/19						
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1610	03/19						
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	1611	03/19						
MAIQUETIA	VENEZUELA	10.6N	67.0W	1611	03/19						
PLYMOUTH	MONTSERRAT	16.7N	62.2W	1612	03/19						
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	1612	03/19						
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1615	03/19						
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1616	03/19						

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

ZCZC
WECA41 PHEB 191425
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 3...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 19 2020

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

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

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**** 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 19 2020
- * 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 19 2020.
- * 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 03/19
JEREMIE	HAITI	18.6N	74.1W	1424 03/19
JACAMEL	HAITI	18.1N	72.5W	1433 03/19
BARACOA	CUBA	20.4N	74.5W	1442 03/19
CAYMAN BRAC	CAYMAN ISLANDS	19.7N	79.9W	1446 03/19
GREAT INAGUA	BAHAMAS	20.9N	73.7W	1448 03/19
KINGSTON	JAMAICA	17.9N	76.9W	1451 03/19
CAP HAITEN	HAITI	19.8N	72.2W	1454 03/19
MONTEGO BAY	JAMAICA	18.5N	77.9W	1454 03/19
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	1458 03/19
GIBARA	CUBA	21.1N	76.1W	1502 03/19
MAYAGUANA	BAHAMAS	22.3N	73.0W	1502 03/19
GRAND CAYMAN	CAYMAN ISLANDS	19.3N	81.3W	1502 03/19
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	1505 03/19
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	1510 03/19
CIENFUEGOS	CUBA	22.0N	80.5W	1511 03/19
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	1513 03/19
LONG ISLAND	BAHAMAS	23.3N	75.1W	1522 03/19
SAN SALVADOR	BAHAMAS	24.1N	74.5W	1522 03/19
SANTA MARTA	COLOMBIA	11.2N	74.2W	1526 03/19
PORT AU PRINCE	HAITI	18.5N	72.4W	1527 03/19
ORANJESTAD	ARUBA	12.5N	70.0W	1529 03/19
EXUMA	BAHAMAS	23.6N	75.9W	1532 03/19
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	1532 03/19
ONIMA	BONAIRE	12.3N	68.3W	1535 03/19
CARTAGENA	COLOMBIA	10.4N	75.6W	1535 03/19
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	1537 03/19
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	1538 03/19
CAT ISLAND	BAHAMAS	24.4N	75.5W	1541 03/19
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	1541 03/19
SAN ANDRES	SAN ANDRES PROVI	13.4N	81.4W	1544 03/19
SAN JUAN	PUERTO RICO	18.5N	66.1W	1544 03/19
PROVIDENCIA	SAN ANDRES PROVI	12.6N	81.7W	1547 03/19

BARRANQUILLA	COLOMBIA	11.1N	74.9W	1548 03/19
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	1549 03/19
ALIGANDI	PANAMA	9.2N	78.0W	1550 03/19
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	1558 03/19
PUERTO CARRETO	PANAMA	8.8N	77.6W	1558 03/19
COZUMEL	MEXICO	20.5N	87.0W	1600 03/19
RIOHACHA	COLOMBIA	11.6N	72.9W	1602 03/19
WILLEMSTAD	CURACAO	12.1N	68.9W	1602 03/19
BASSETERRE	SAINT KITTS	17.3N	62.7W	1608 03/19
ANEGADA	BR VIRGIN IS	18.8N	64.3W	1609 03/19
NASSAU	BAHAMAS	25.1N	77.4W	1610 03/19
PUERTO OBALDIA	PANAMA	8.7N	77.4W	1610 03/19
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	1615 03/19
PUERTO LIMON	COSTA RICA	10.0N	83.0W	1616 03/19
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	1621 03/19
ROSEAU	DOMINICA	15.3N	61.4W	1621 03/19
FREEPORT	BAHAMAS	26.5N	78.8W	1622 03/19
COLON	PANAMA	9.4N	79.9W	1622 03/19
LA HABANA	CUBA	23.2N	82.4W	1624 03/19
ABACO ISLAND	BAHAMAS	26.6N	77.1W	1627 03/19
CASTRIES	SAINT LUCIA	14.0N	61.0W	1627 03/19
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	1630 03/19
BOCAS DEL TORO	PANAMA	9.4N	82.2W	1633 03/19
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	1633 03/19
BIMINI	BAHAMAS	25.8N	79.3W	1635 03/19
PUNTA GORDA	NICARAGUA	11.4N	83.8W	1706 03/19
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	1707 03/19
SANTA CRZ D SUR	CUBA	20.7N	78.0W	1735 03/19
PUNTO FIJO	VENEZUELA	11.7N	70.2W	1751 03/19
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	1850 03/19
NUEVA GERONA	CUBA	21.9N	82.8W	1910 03/19
PUERTO CABEZAS	NICARAGUA	14.0N	83.4W	2032 03/19

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

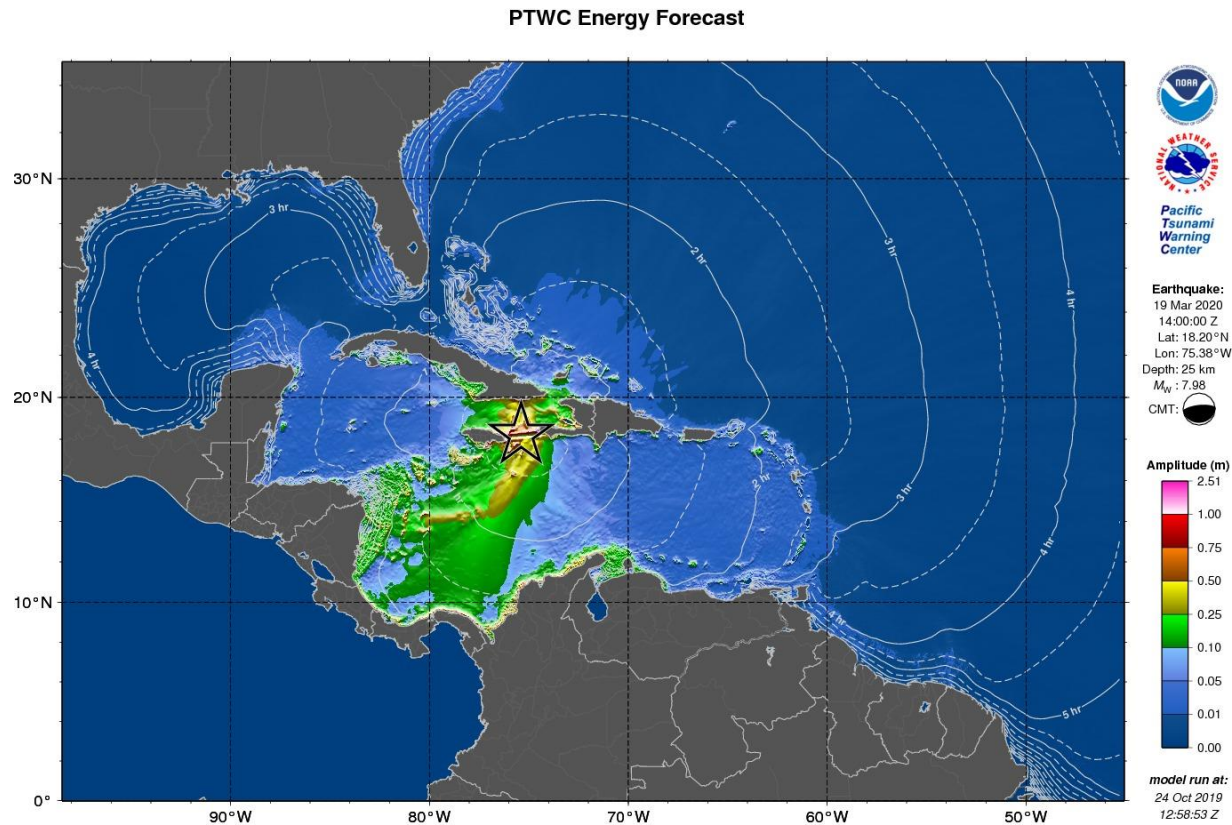
- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN
ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE
EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON
THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN
LOWERCASE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

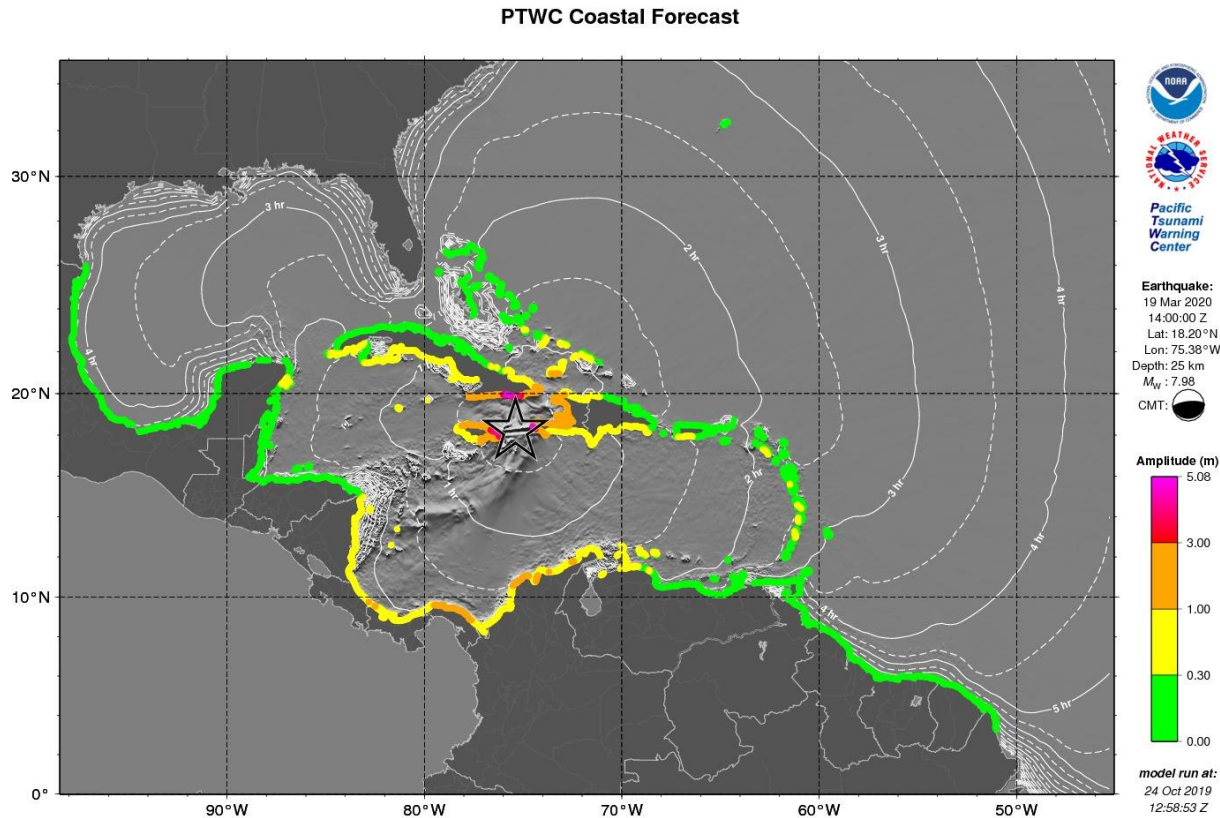
Prévision des hauteurs de vagues Jamaica



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

Lors d'un événement réel ce produits sont disponible uniquement aux points focaux d'alerte aux tsunamis, et Contacts Nationaux Tsunami officiellement désignés.

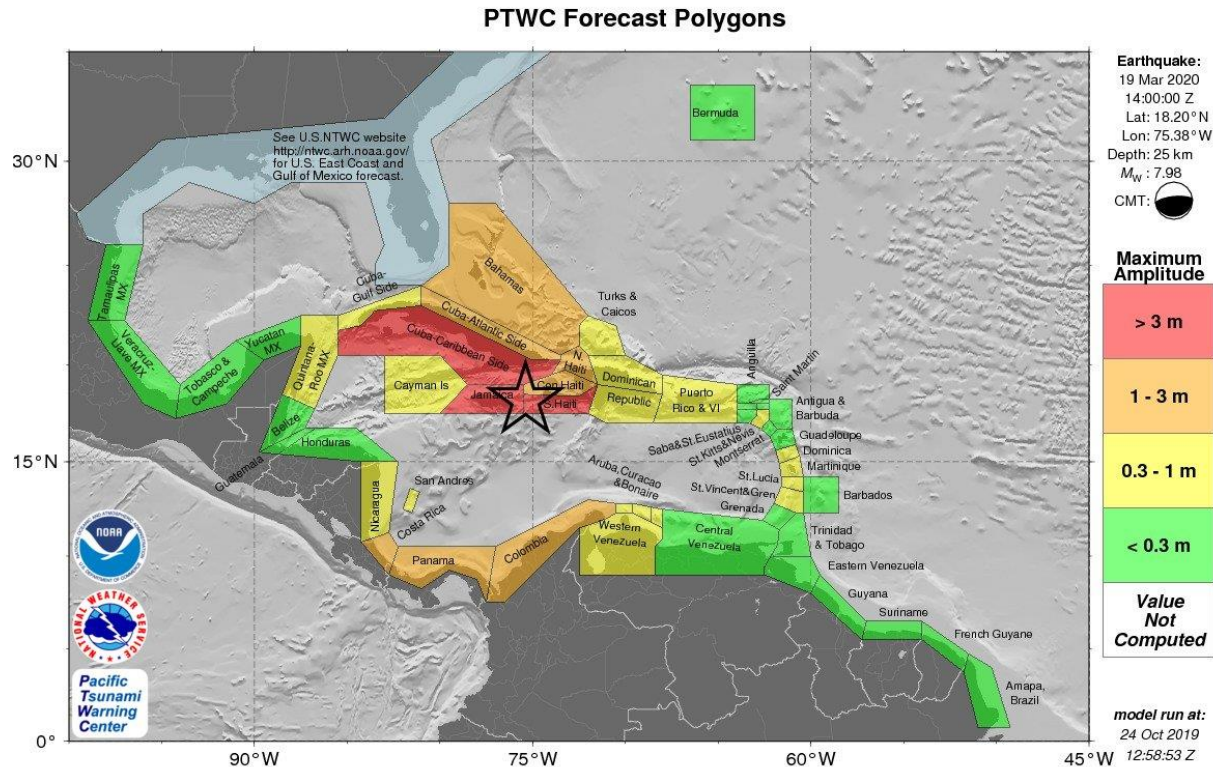
Prévision des hauteurs de vagues Jamaica



Carte RIFT avec l'amplitude maximale du tsunami basé sur le scénario de Jamaica.

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

Prévision des hauteurs de vagues Jamaica

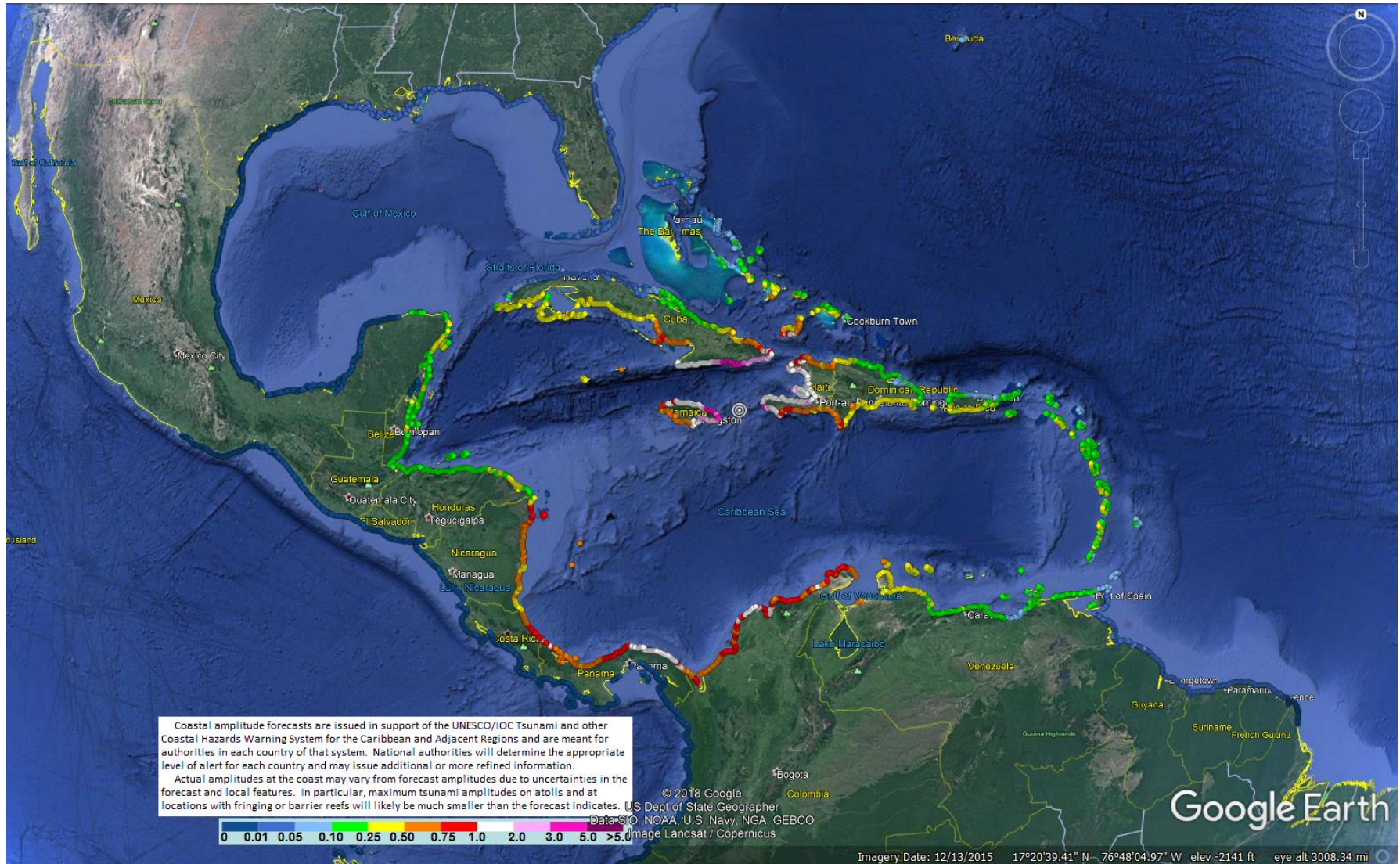


Carte RIFT prévisions de polygone de la région pour le scénario du Jamaica.

Lors d'un événement réel ce produits sont disponible uniquement aux points focaux d'alerte aux tsunamis, et Contacts Nationaux Tsunami officiellement désignés.

KMZ

Jamaica



Statistiques prévisionnelles des polygones régionaux*

Jamaica

Region_Name	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	Points
Caribbean_Coast_of_Cuba	5.1	0.95	0.42	1.00	2.4	0.29	0.17	0.30	423
Caribbean_Coast_of_Haiti	4.8	1.10	0.71	0.94	2.0	0.44	0.34	0.38	89
Jamaica	4.5	1.50	1.30	0.94	2.5	0.66	0.55	0.40	146
Gulf_of_Gonave_Coast_of_Haiti	2.3	1.70	1.60	0.26	1.9	0.69	0.62	0.36	140
Atlantic_Coast_of_Haiti	1.8	0.82	0.71	0.30	0.87	0.34	0.31	0.13	66
Caribbean_Coast_of_Panama	1.4	0.87	0.82	0.27	1.1	0.50	0.50	0.20	179
Bahamas	1.3	0.19	0.06	0.25	1.0	0.10	0.03	0.16	443
Caribbean_Coast_of_Colombia	1.3	0.82	0.81	0.15	1.1	0.50	0.48	0.17	255
Atlantic_Coast_of_Cuba	1.1	0.24	0.16	0.25	0.58	0.11	0.06	0.12	259
Caribbean_Coast_of_Costa_Rica	1.1	0.77	0.81	0.15	0.81	0.45	0.44	0.11	48
Caribbean_Coast_of_Dominican_Republic	0.82	0.42	0.40	0.14	0.59	0.21	0.18	0.10	148
Caribbean_Coast_of_Nicaragua	0.80	0.58	0.54	0.11	0.50	0.21	0.20	0.08	138
San_Andres_and_Providencia	0.71	0.65	0.65	0.06	0.35	0.35	0.35	0.00	4
Atlantic_Coast_of_Dominican_Republic	0.67	0.20	0.15	0.12	0.71	0.12	0.07	0.11	129
Western_Coast_of_Venezuela	0.61	0.35	0.33	0.10	0.40	0.18	0.16	0.06	100
Turks_and_Caicos_Islands	0.55	0.28	0.25	0.10	0.28	0.14	0.13	0.06	46
Cayman_Islands	0.55	0.37	0.37	0.07	0.35	0.20	0.20	0.07	9
Aruba	0.54	0.48	0.46	0.06	0.29	0.21	0.19	0.05	8
Curacao	0.44	0.32	0.30	0.05	0.21	0.13	0.12	0.04	27
Saint_Vincent_and_the_Grenadines	0.42	0.27	0.27	0.05	0.21	0.12	0.13	0.04	33
Quintana_Roo_Mexico	0.40	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	0.33	0.04	0.24	0.16	0.17	0.03	15
Puerto_Rico_and_Virgin_Islands	0.35	0.20	0.20	0.08	0.37	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	0.24	0.07	0.15	0.09	0.08	0.03	26
Dominica	0.31	0.21	0.22	0.05	0.12	0.06	0.06	0.03	31
Martinique	0.31	0.21	0.23	0.07	0.19	0.10	0.09	0.04	41
Caribbean_Coast_of_Honduras	0.29	0.20	0.20	0.04	0.27	0.10	0.10	0.04	185
Montserrat	0.29	0.21	0.20	0.04	0.23	0.10	0.07	0.06	11
Central_Coast_of_Venezuela	0.28	0.15	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	0.04	29
Belize	0.28	0.20	0.18	0.03	0.25	0.08	0.08	0.04	90
Guadeloupe	0.27	0.17	0.17	0.05	0.18	0.08	0.07	0.03	73
Anguilla	0.25	0.20	0.23	0.05	0.18	0.13	0.12	0.04	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	0.18	0.18	0.01	0.10	0.09	0.08	0.01	6
Saint_Barthelémy	0.18	0.13	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	0.00	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

* Les amplitudes réelles à la côte peuvent varier en fonction des amplitudes prévues en raison des incertitudes dans les prévisions et les caractéristiques locales. En particulier, les amplitudes maximales des tsunamis dans les petites îles sont susceptibles d'être beaucoup plus petites que prévu.

PTWC Message #12

ZCZC
WECA41 PHEB 192300
TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 12...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2300 UTC THU MAR 19 2020

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 19 2020
- * 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 19 2020.
- * 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			
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 MARTINIQU	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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Portugal Scénario

Chronologie des Messages par PTWC Portugal

Date	Heur (UTC)	PTWC	
		Type of Produit	Méthode de transmission
3/19/20	1400	- - - - Le séisme se produit - - - -	
3/19/20	1400	Fictif	NWWS, GTS, EMWIN, AISR, Fax, Email
3/19/20	1407	Message de Menace Tsunami #1	Email
3/19/20	1415	Message de Menace Tsunami #2	Email
3/19/20	1425	Message de Menace Tsunami #3 and et Produits Graphiques Améliorés	Email
3/19/20	1500	Message de Menace Tsunami #4	Email
3/19/20	1520	Message de Menace Tsunami #5	Email
3/19/20	1600	Message de Menace Tsunami #6	Email
3/19/20	1700	Message de Menace Tsunami #7	Email
3/19/20	1800	Message de Menace Tsunami #8	Email
3/19/20	1900	Message de Menace Tsunami #9	Email
3/19/20	2000	Message de Menace Tsunami #10	Email
3/19/20	2100	Message de Menace Tsunami #11	Email
3/19/20	2200	Message de Menace Tsunami #12	Email
3/19/20	2300	Message de Menace Tsunami #13	Email
3/20/20	0000	Message de Menace Tsunami #14	Email
3/20/20	0100	Message de Menace Tsunami #15	Email
3/20/20	0200	Message de Menace Tsunami #16	Email
3/20/20	0300	Message de Menace Tsunami #17	Email
3/20/20	0400	Message de Menace Tsunami #18	Email
3/20/20	0500	Message de Menace Tsunami #19	Email
3/20/20	0600	Message de Menace Tsunami #20	Email
3/20/20	0700	Message de Menace Tsunami #21	Email
3/20/20	0800	Message Final de Menace Tsunami #22	Email

PTWC Message #1

ZCZC

WECA43 PHEB 191407

WMO ID

TIBCAZ

AWIPS ID

TEST...TSUNAMI INFORMATION STATEMENT NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1407 UTC THU MAR 19 2020

...THIS MESSAGE IS FOR TEST PURPOSES ONLY...
...TEST TSUNAMI INFORMATION STATEMENT TEST...

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

THIS IS A TEST MESSAGE. THIS STATEMENT 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 8.2
* ORIGIN TIME 1400 UTC MAR 19 2020
* COORDINATES 36.0 NORTH 10.8 WEST
* DEPTH 5 KM / 3 MILES
* LOCATION AZORES-CAPE ST. VINCENT RIDGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.2 OCCURRED NEAR THE AZORES-CAPE SAINT VINCENT RIDGE AT 1400 UTC ON THURSDAY MARCH 19 2020.

* THIS IS A TEST MESSAGE. THE TSUNAMI THREAT TO THE CARIBBEAN REGION FROM THIS EARTHQUAKE IS STILL UNDER INVESTIGATION. FURTHER INFORMATION ON THE THREAT WILL BE ISSUED AS SOON AS POSSIBLE.

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. CONSIDER AND PREPARE FOR THE POSSIBILITY OF A TSUNAMI THREAT TO THE CARIBBEAN REGION FROM THIS EARTHQUAKE.

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

* THIS IS A TEST MESSAGE. FURTHER STATEMENTS ON THE TSUNAMI THREAT TO THE CARIBBEAN REGION FROM THIS EARTHQUAKE WILL BE ISSUED AS SOON AS INFORMATION BECOMES AVAILABLE OR IN NO MORE THAN ONE HOUR.

* 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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PTWC Message #3

ZCZC

WECA41 PHEB 191425

TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 3...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1425 UTC THU MAR 19 2020

...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 ****

THE EARTHQUAKE MAGNITUDE IS REVISED IN THIS MESSAGE.

FORECAST TSUNAMI AMPLITUDES ARE PROVIDED IN THIS MESSAGE.

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

* MAGNITUDE 8.5
* ORIGIN TIME 1400 UTC MAR 19 2020
* COORDINATES 36.0 NORTH 10.8 WEST
* DEPTH 5 KM / 3 MILES
* LOCATION AZORES-CAPE ST. VINCENT RIDGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.5 OCCURRED NEAR THE AZORES-CAPE SAINT VINCENT RIDGE AT 1400 UTC ON THURSDAY MARCH 19 2020.

* 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 BAHAMAS.

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

BRAZIL... CUBA... DOMINICAN REPUBLIC... FRENCH GUYANE...
GUYANA... HAITI... SURINAME... VENEZUELA... ANGUILLA...
ANTIGUA AND BARBUDA... BARBADOS... BERMUDA... DOMINICA...
GRENADA... GUADELOUPE... MARTINIQUE... PUERTO RICO AND
VIRGIN ISLANDS... SAINT BARTHELEMY... 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

COLOMBIA... ARUBA... BONAIRE... CURACAO... JAMAICA...
MONTSERRAT... SABA AND SAINT EUSTATIUS... SAINT KITTS AND
NEVIS... 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)
ESSO PIER	BERMUDA	32.4N 64.7W	2051 03/19
ROSEAU	DOMINICA	15.3N 61.4W	2118 03/19
PLYMOUTH	MONTSERRAT	16.7N 62.2W	2118 03/19

BRIDGETOWN	BARBADOS	13.1N	59.6W	2118	03/19
CASTRIES	SAINT LUCIA	14.0N	61.0W	2119	03/19
BASSE TERRE	GUADELOUPE	16.0N	61.7W	2122	03/19
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	2123	03/19
SABA	SABA	17.6N	63.2W	2124	03/19
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	2125	03/19
SAN JUAN	PUERTO RICO	18.5N	66.1W	2125	03/19
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	2126	03/19
ANEGADA	BR VIRGIN IS	18.8N	64.3W	2126	03/19
THE VALLEY	ANGUILLA	18.3N	63.1W	2127	03/19
SAINT JOHNS	ANTIGUA	17.1N	61.9W	2127	03/19
BASSETERRE	SAINT KITTS	17.3N	62.7W	2128	03/19
PALMETTO POINT	BARBUDA	17.6N	61.9W	2128	03/19
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	2131	03/19
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	2136	03/19
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	2137	03/19
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	2151	03/19
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	2152	03/19
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	2153	03/19
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	2153	03/19
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	2154	03/19
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	2154	03/19
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	2201	03/19
MAYAGUANA	BAHAMAS	22.3N	73.0W	2202	03/19
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	2203	03/19
SAINT GEORGES	GRENADA	12.0N	61.8W	2203	03/19
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	2205	03/19
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	2207	03/19
SAN SALVADOR	BAHAMAS	24.1N	74.5W	2208	03/19
CAP HAITEN	HAITI	19.8N	72.2W	2209	03/19
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	2216	03/19
LONG ISLAND	BAHAMAS	23.3N	75.1W	2221	03/19
ONIMA	BONAIRE	12.3N	68.3W	2223	03/19
GREAT INAGUA	BAHAMAS	20.9N	73.7W	2223	03/19
EXUMA	BAHAMAS	23.6N	75.9W	2224	03/19
CAT ISLAND	BAHAMAS	24.4N	75.5W	2224	03/19
BARACOA	CUBA	20.4N	74.5W	2227	03/19
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	2229	03/19
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	2234	03/19
JACAMEL	HAITI	18.1N	72.5W	2235	03/19
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	2235	03/19
GIBARA	CUBA	21.1N	76.1W	2237	03/19
ORANJESTAD	ARUBA	12.5N	70.0W	2237	03/19
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	2240	03/19
JEREMIE	HAITI	18.6N	74.1W	2241	03/19
SANTIAGO D CUBA	CUBA	19.9N	75.8W	2244	03/19
NASSAU	BAHAMAS	25.1N	77.4W	2247	03/19
CAYENNE	FRENCH GUYANE	4.9N	52.3W	2247	03/19
MAIQUETIA	VENEZUELA	10.6N	67.0W	2250	03/19
WILLEMSTAD	CURACAO	12.1N	68.9W	2257	03/19
ABACO ISLAND	BAHAMAS	26.6N	77.1W	2258	03/19
FREEPORT	BAHAMAS	26.5N	78.8W	2259	03/19
CUMANA	VENEZUELA	10.5N	64.2W	2303	03/19
PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	2308	03/19

BIMINI	BAHAMAS	25.8N	79.3W	2312	03/19
SANTA MARTA	COLOMBIA	11.2N	74.2W	2322	03/19
MONTEGO BAY	JAMAICA	18.5N	77.9W	2326	03/19
PORT AU PRINCE	HAITI	18.5N	72.4W	2334	03/19
CIENFUEGOS	CUBA	22.0N	80.5W	2337	03/19
CARTAGENA	COLOMBIA	10.4N	75.6W	2338	03/19
KINGSTON	JAMAICA	17.9N	76.9W	2343	03/19
BARRANQUILLA	COLOMBIA	11.1N	74.9W	2347	03/19
RIOHACHA	COLOMBIA	11.6N	72.9W	2351	03/19
PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	0022	03/20
GEORGETOWN	GUYANA	6.8N	58.2W	0033	03/20
PARAMARIBO	SURINAME	5.9N	55.2W	0033	03/20
PUNTO FIJO	VENEZUELA	11.7N	70.2W	0104	03/20
PORLAMAR	VENEZUELA	10.9N	63.8W	0157	03/20
SANTA CRZ D SUR	CUBA	20.7N	78.0W	0201	03/20
GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	0203	03/20
ILHA DE MARACA	BRAZIL	2.2N	50.5W	0210	03/20
NUEVA GERONA	CUBA	21.9N	82.8W	0339	03/20

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.

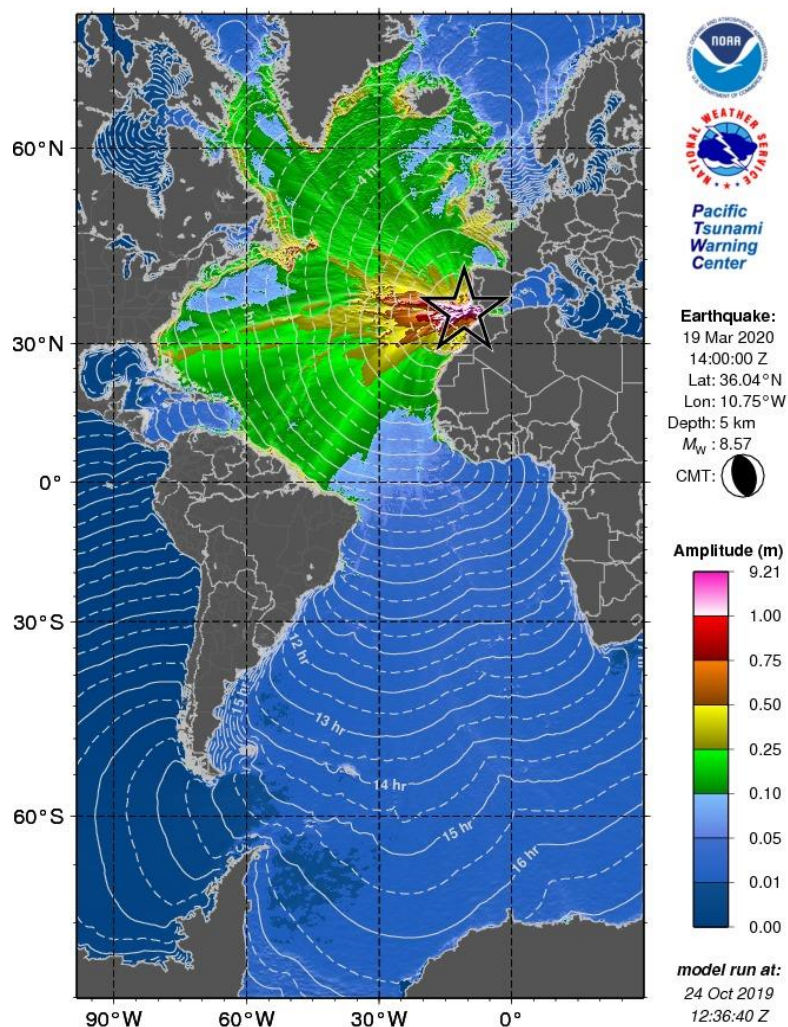
THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST
MESSAGE.

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Prévision des hauteurs de vagues Portugal

PTWC Energy Forecast

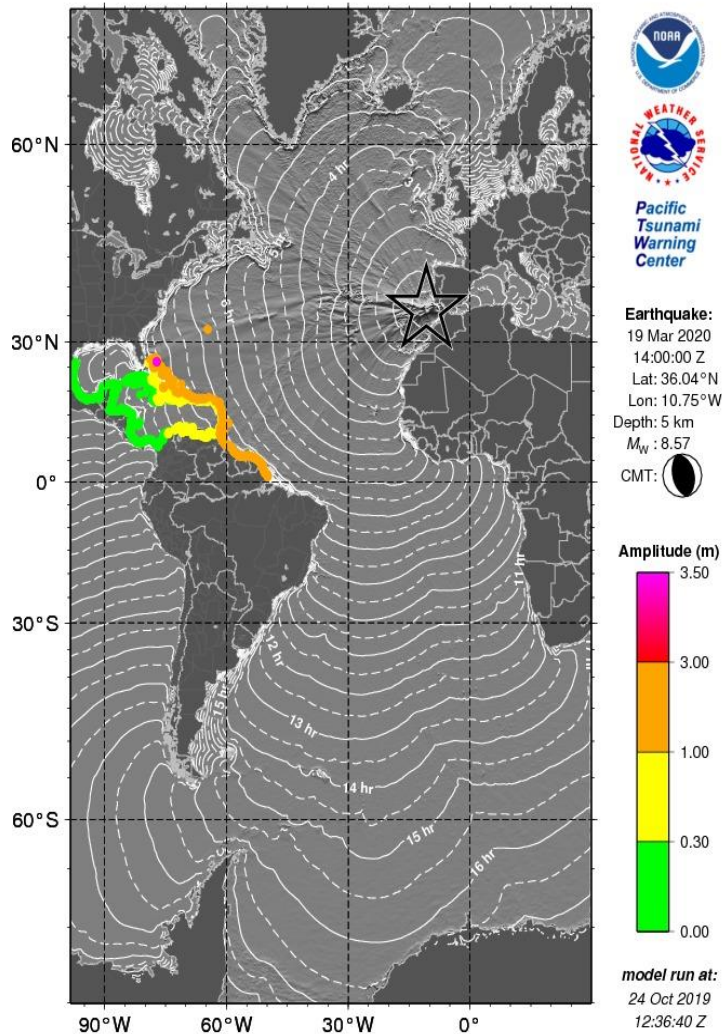


**Carte RIFT avec l'amplitude maximale
du tsunami basé sur le scénario du
Portugal.**

Lors d'un événement réel ce produits sont
disponible uniquement aux points focaux
d'alerte aux tsunamis, et Contacts Nationaux
Tsunami officiellement désignés.

Prévision des hauteurs de vagues Portugal

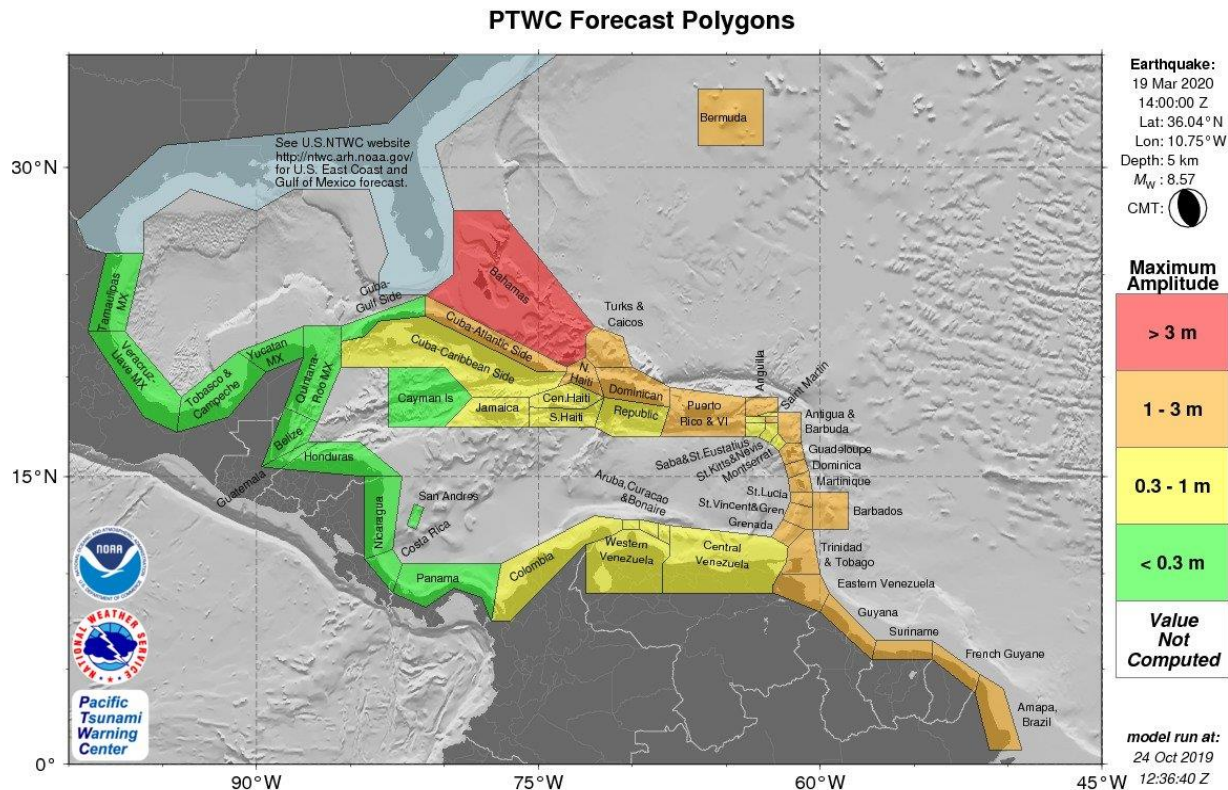
PTWC Coastal Forecast



Carte RIFT avec l'amplitude maximale du tsunami basé sur le scénario de Portugal.

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

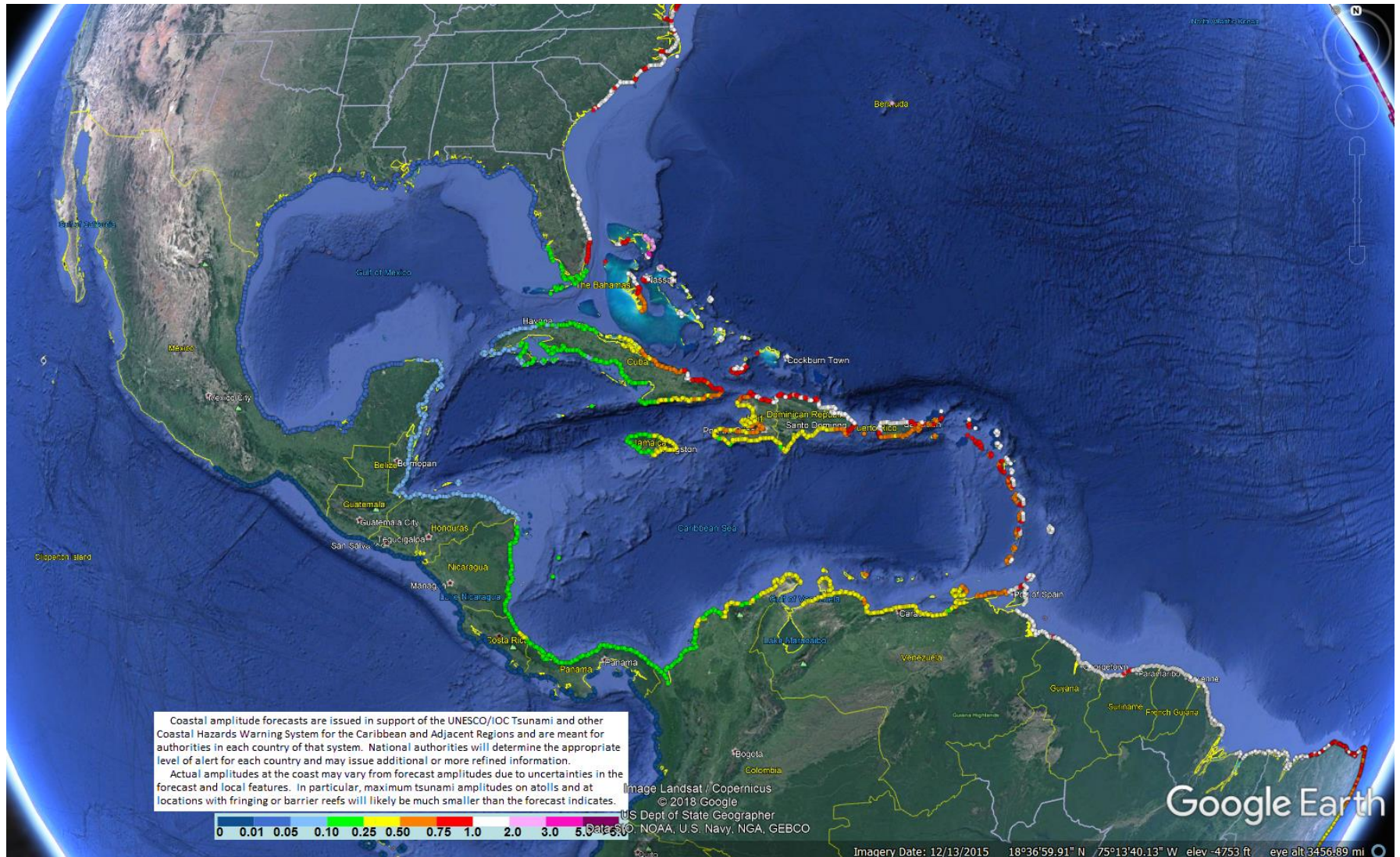
Prévision des hauteurs de vagues Portugal



Carte RIFT prévisions de polygone de la région pour le scénario du Portugal.

Lors d'un événement réel ce produits sont disponible uniquement aux points focaux d'alerte aux tsunamis, et Contacts Nationaux Tsunami officiellement désignés.

KMZ Portugal



Statistiques prévisionnelles des polygones régionaux*

Portugal

Region_Name	Coastal Forecast (meters)				Offshore Forecast (meters)				Total Points
	Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	
Bahamas	3.5	1.40	1.10	0.70	2.0	0.60	0.53	0.33	115
Bermuda	2.1	1.90	1.90	0.11	1.0	1.00	1.00	0.00	2
Puerto_Rico_and_Virgin_Islands	1.8	0.92	0.73	0.37	0.94	0.42	0.43	0.17	83
Barbados	1.8	1.50	1.60	0.27	0.85	0.54	0.49	0.15	9
Anguilla	1.7	1.70	1.70	0.00	0.80	0.80	0.80	0.00	1
Saint_Lucia	1.6	0.99	0.89	0.37	0.64	0.40	0.41	0.15	13
Atlantic_Coast_of_Dominican_Republic	1.6	1.10	1.10	0.14	1.0	0.50	0.51	0.18	64
Amapa_Brazil	1.6	1.30	1.30	0.10	0.63	0.38	0.37	0.09	59
French_Guyane	1.6	1.40	1.30	0.11	0.68	0.38	0.37	0.08	41
Suriname	1.5	1.10	1.10	0.08	0.69	0.36	0.34	0.11	48
Saint_Barthelmy	1.5	1.50	1.50	0.00	0.67	0.67	0.67	0.00	1
Martinique	1.4	0.96	0.84	0.29	0.80	0.43	0.41	0.21	18
Trinidad_and_Tobago	1.4	1.10	1.10	0.15	0.70	0.47	0.47	0.10	35
Guadeloupe	1.3	0.99	0.87	0.22	0.79	0.40	0.39	0.15	19
Atlantic_Coast_of_Venezuela	1.3	1.10	1.00	0.11	0.68	0.41	0.40	0.08	33
Guyana	1.3	1.20	1.10	0.12	0.47	0.32	0.32	0.06	52
Antigua_and-Barbuda	1.3	1.20	1.20	0.11	1.1	0.74	0.73	0.17	10
Dominica	1.2	0.86	0.82	0.18	0.46	0.26	0.25	0.09	14
Atlantic_Coast_of_Cuba	1.1	0.57	0.55	0.28	0.79	0.23	0.21	0.15	100
Grenada	1.1	0.69	0.59	0.20	0.76	0.33	0.32	0.20	11
Saint_Vincent_and_the_Grenadines	1.1	0.75	0.61	0.23	0.80	0.36	0.27	0.21	12
Turks_and_Caicos_Islands	1.1	1.00	1.00	0.09	0.36	0.28	0.28	0.08	2
Atlantic_Coast_of_Haiti	1.0	0.84	0.85	0.15	0.64	0.35	0.36	0.12	28
Caribbean_Coast_of_Dominican_Republic	0.96	0.46	0.41	0.18	0.65	0.25	0.21	0.14	63
Montserrat	0.93	0.88	0.93	0.09	0.73	0.34	0.22	0.23	4
Sint_Maarten	0.93	0.93	0.93	0.00	0.82	0.72	0.72	0.10	2
Saint_Martin	0.93	0.93	0.93	0.00	0.84	0.84	0.84	0.00	1
Caribbean_Coast_of_Cuba	0.89	0.18	0.12	0.14	0.41	0.06	0.04	0.06	201
Saint_Kitts_and_Nevis	0.89	0.86	0.84	0.03	0.70	0.38	0.35	0.13	8
Saba_and_Saint_Eustatius	0.88	0.88	0.88	0.00	0.32	0.25	0.25	0.07	2
Gulf_of_Gonave_Coast_of_Haiti	0.66	0.46	0.44	0.09	0.38	0.15	0.14	0.06	74
Central_Coast_of_Venezuela	0.64	0.41	0.39	0.12	0.43	0.25	0.25	0.09	123
Bonaire	0.61	0.53	0.50	0.05	0.23	0.20	0.19	0.02	4
Western_Coast_of_Venezuela	0.54	0.42	0.41	0.04	0.31	0.19	0.20	0.07	62
Jamaica	0.48	0.27	0.24	0.10	0.27	0.11	0.10	0.05	73
Curacao	0.48	0.48	0.48	0.00	0.20	0.20	0.20	0.00	1
Aruba	0.45	0.45	0.45	0.00	0.16	0.16	0.16	0.00	1
Caribbean_Coast_of_Haiti	0.38	0.29	0.28	0.04	0.23	0.11	0.11	0.04	43
Caribbean_Coast_of_Colombia	0.37	0.26	0.26	0.06	0.28	0.10	0.10	0.05	131
Caribbean_Coast_of_Costa_Rica	0.28	0.22	0.22	0.04	0.11	0.06	0.06	0.02	23
Caribbean_Coast_of_Nicaragua	0.24	0.18	0.20	0.03	0.07	0.05	0.04	0.01	60
Caribbean_Coast_of_Panama	0.23	0.19	0.18	0.03	0.14	0.07	0.07	0.03	87
San_Andres_and_Providencia	0.20	0.19	0.19	0.02	0.09	0.07	0.07	0.02	4
Gulf_of_Mexico_Coast_of_Cuba	0.14	0.09	0.08	0.03	0.10	0.04	0.04	0.02	60
Cayman_Islands	0.11	0.09	0.09	0.01	0.04	0.03	0.03	0.00	2
Belize	0.09	0.07	0.07	0.01	0.03	0.02	0.02	0.00	37
Quintana_Roo_Mexico	0.08	0.07	0.06	0.01	0.05	0.03	0.03	0.01	64
Caribbean_Coast_of_Honduras	0.07	0.06	0.06	0.01	0.09	0.03	0.03	0.01	87
Yucatan_Mexico	0.07	0.02	0.01	0.02	0.03	0.01	0.01	0.00	31
Caribbean_Coast_of_Guatemala	0.06	0.06	0.06	0.00	0.03	0.02	0.02	0.00	7
Tamaulipas_Mexico	0.02	0.01	0.02	0.00	0.01	0.00	0.00	0.00	64

* Les amplitudes réelles à la côte peuvent varier en fonction des amplitudes prévues en raison des incertitudes dans les prévisions et les caractéristiques locales. En particulier, les amplitudes maximales des tsunamis dans les petites îles sont susceptibles d'être beaucoup plus petites que prévu.

PTWC Message #12

ZCZC

WECA41 PHEB 192200

TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 12...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2200 UTC THU MAR 19 2020

...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 19 2020
* COORDINATES 36.0 NORTH 10.8 WEST
* DEPTH 5 KM / 3 MILES
* LOCATION AZORES-CAPE ST. VINCENT RIDGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY
MAGNITUDE OF 8.5 OCCURRED NEAR THE AZORES-CAPE SAINT VINCENT
RIDGE AT 1400 UTC ON THURSDAY MARCH 19 2020.

* 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

BAHAMAS.

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

BRAZIL... CUBA... DOMINICAN REPUBLIC... FRENCH GUYANE...
GUYANA... HAITI... SURINAME... VENEZUELA... ANGUILLA...
ANTIGUA AND BARBUDA... BARBADOS... BERMUDA... DOMINICA...
GRENADA... GUADELOUPE... MARTINIQUE... PUERTO RICO AND
VIRGIN ISLANDS... SAINT BARTHELEMY... 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

COLOMBIA... ARUBA... BONAIRE... CURACAO... JAMAICA...
MONTSERRAT...SABA AND SAINT EUSTATIUS... SAINT KITTS AND
NEVIS... 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)	JEREMIE	HAITI	18.6N	74.1W	2241 03/19
-----					SANTIAGO D CUBA	CUBA	19.9N	75.8W	2244 03/19
ROSEAU	DOMINICA	15.3N	61.4W	2118 03/19	NASSAU	BAHAMAS	25.1N	77.4W	2247 03/19
PLYMOUTH	MONTSERRAT	16.7N	62.2W	2118 03/19	CAYENNE	FRENCH GUYANE	4.9N	52.3W	2247 03/19
BRIDGETOWN	BARBADOS	13.1N	59.6W	2118 03/19	MAIQUETIA	VENEZUELA	10.6N	67.0W	2250 03/19
CASTRIES	SAINT LUCIA	14.0N	61.0W	2119 03/19	WILLEMSTAD	CURACAO	12.1N	68.9W	2257 03/19
BASSE TERRE	GUADELOUPE	16.0N	61.7W	2122 03/19	ABACO ISLAND	BAHAMAS	26.6N	77.1W	2258 03/19
SINT EUSTATIUS	SINT EUSTATIUS	17.5N	63.0W	2123 03/19	FREEPORT	BAHAMAS	26.5N	78.8W	2259 03/19
SABA	SABA	17.6N	63.2W	2124 03/19	CUMANA	VENEZUELA	10.5N	64.2W	2303 03/19
FORT DE FRANCE	MARTINIQUE	14.6N	61.1W	2125 03/19	PORT OF SPAIN	TRINIDAD TOBAGO	10.6N	61.5W	2308 03/19
SAN JUAN	PUERTO RICO	18.5N	66.1W	2125 03/19	BIMINI	BAHAMAS	25.8N	79.3W	2312 03/19
CHRISTIANSTED	US VIRGIN IS	17.7N	64.7W	2126 03/19	SANTA MARTA	COLOMBIA	11.2N	74.2W	2322 03/19
ANEGADA	BR VIRGIN IS	18.8N	64.3W	2126 03/19	MONTEGO BAY	JAMAICA	18.5N	77.9W	2326 03/19
THE VALLEY	ANGUILLA	18.3N	63.1W	2127 03/19	PORT AU PRINCE	HAITI	18.5N	72.4W	2334 03/19
SAINT JOHNS	ANTIGUA	17.1N	61.9W	2127 03/19	CIENFUEGOS	CUBA	22.0N	80.5W	2337 03/19
BASSETERRE	SAINT KITTS	17.3N	62.7W	2128 03/19	CARTAGENA	COLOMBIA	10.4N	75.6W	2338 03/19
PALMETTO POINT	BARBUDA	17.6N	61.9W	2128 03/19	KINGSTON	JAMAICA	17.9N	76.9W	2343 03/19
SIMPSON BAAI	SINT MAARTEN	18.0N	63.1W	2131 03/19	BARRANQUILLA	COLOMBIA	11.1N	74.9W	2347 03/19
KINGSTOWN	SAINT VINCENT	13.1N	61.2W	2136 03/19	RIOHACHA	COLOMBIA	11.6N	72.9W	2351 03/19
MAYAGUEZ	PUERTO RICO	18.2N	67.2W	2137 03/19	PUNTA CARIBANA	COLOMBIA	8.6N	76.9W	0022 03/20
CABO ENGANO	DOMINICAN REP	18.6N	68.3W	2151 03/19	GEORGETOWN	GUYANA	6.8N	58.2W	0033 03/20
GRAND TURK	TURKS N CAICOS	21.5N	71.1W	2152 03/19	PARAMARIBO	SURINAME	5.9N	55.2W	0033 03/20
PUERTO PLATA	DOMINICAN REP	19.8N	70.7W	2153 03/19	PUNTO FIJO	VENEZUELA	11.7N	70.2W	0104 03/20
BAIE LUCAS	SAINT MARTIN	18.1N	63.0W	2153 03/19	PORLAMAR	VENEZUELA	10.9N	63.8W	0157 03/20
SAINT BARTHELEM	SAINT BARTHELEMY	17.9N	62.8W	2154 03/19	SANTA CRZ D SUR	CUBA	20.7N	78.0W	0201 03/20
BAIE GRAND CASE	SAINT MARTIN	18.1N	63.1W	2154 03/19	GOLFO VENEZUELA	VENEZUELA	11.4N	71.2W	0203 03/20
PIRATES BAY	TRINIDAD TOBAGO	11.3N	60.6W	2201 03/19	ILHA DE MARACA	BRAZIL	2.2N	50.5W	0210 03/20
MAYAGUANA	BAHAMAS	22.3N	73.0W	2202 03/19	NUEVA GERONA	CUBA	21.9N	82.8W	0339 03/20
CHARLOTTE AMALI	US VIRGIN IS	18.3N	64.9W	2203 03/19	TEST... POTENTIAL IMPACTS ...TEST				
SAINT GEORGES	GRENADA	12.0N	61.8W	2203 03/19	-----				
WEST CAICOS	TURKS N CAICOS	21.7N	72.5W	2205 03/19	* 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.				
BAIE BLANCHE	SAINT MARTIN	18.1N	63.0W	2207 03/19	* 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.				
SAN SALVADOR	BAHAMAS	24.1N	74.5W	2208 03/19	* THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.				
CAP HAITEN	HAITI	19.8N	72.2W	2209 03/19	* 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.				
SANTO DOMINGO	DOMINICAN REP	18.5N	69.9W	2216 03/19					
LONG ISLAND	BAHAMAS	23.3N	75.1W	2221 03/19					
ONIMA	BONAIRE	12.3N	68.3W	2223 03/19					
GREAT INAGUA	BAHAMAS	20.9N	73.7W	2223 03/19					
EXUMA	BAHAMAS	23.6N	75.9W	2224 03/19					
CAT ISLAND	BAHAMAS	24.4N	75.5W	2224 03/19					
BARACOA	CUBA	20.4N	74.5W	2227 03/19					
ELEUTHERA ISLAN	BAHAMAS	25.2N	76.1W	2229 03/19					
CROOKED ISLAND	BAHAMAS	22.7N	74.1W	2234 03/19					
JACAMEL	HAITI	18.1N	72.5W	2235 03/19					
ANDROS ISLAND	BAHAMAS	25.0N	77.9W	2235 03/19					
GIBARA	CUBA	21.1N	76.1W	2237 03/19					
ORANJESTAD	ARUBA	12.5N	70.0W	2237 03/19					
ROADTOWN	BR VIRGIN IS	18.4N	64.6W	2240 03/19					

TEST... TSUNAMI OBSERVATIONS ...TEST

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

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE	MAXIMUM TSUNAMI	WAVE PERIOD
	LAT	LON	(UTC)	HEIGHT	(MIN)
PUERTO PLATA DO	19.8N	70.7W	2200	0.97M/ 3.2FT	16
BLOWING POINT AI	18.2N	63.1W	2157	0.93M/ 3.1FT	26
PUNTA CANA DO	18.5N	68.4W	2159	0.85M/ 2.8FT	24
MONA ISLAND PR	18.1N	67.9W	2200	0.69M/ 2.3FT	24
SAINT MARTIN FR	18.1N	63.1W	2158	0.93M/ 3.1FT	14
GANTERS BAY ST LUCI	14.0N	61.0W	2155	0.64M/ 2.1FT	20
MAYAGUEZ PR	18.2N	67.2W	2151	1.21M/ 4.0FT	20
BARBUDA AG	17.6N	61.8W	2146	1.04M/ 3.4FT	18
ESPERANZA VIEQUES P	18.1N	65.5W	2144	0.68M/ 2.2FT	28
CALLIAQUA VC	13.1N	61.2W	2146	0.56M/ 1.8FT	22
YABUCOA PR	18.1N	65.8W	2139	0.70M/ 2.3FT	28
DART 41424	33.0N	72.7W	2141	0.10M/ 0.3FT	24
ARECIBO PR	18.5N	66.7W	2139	1.57M/ 5.1FT	14
LIMETREE VI	17.7N	64.8W	2134	0.62M/ 2.0FT	28
BASSETTERE KN	17.3N	62.7W	2141	0.84M/ 2.8FT	24
ST CROIX VI	17.7N	64.7W	2138	0.73M/ 2.4FT	28
SAN JUAN PR	18.5N	66.1W	2136	1.28M/ 4.2FT	28
FORT DE FRANCE MQ	14.6N	61.1W	2135	0.73M/ 2.4FT	16
ROSEAU DM	15.3N	61.4W	2131	0.64M/ 2.1FT	18
PORTSMOUTH DM	15.6N	61.5W	2128	0.70M/ 2.3FT	28
DART 41420	23.4N	67.3W	2125	0.14M/ 0.5FT	26
LE ROBERT MARTINIQU	14.7N	60.9W	2125	1.34M/ 4.4FT	28
LE PRECHEUR MARTINI	14.8N	61.2W	2126	0.66M/ 2.2FT	26
DESHAIES GUADELOUPE	16.3N	61.8W	2128	0.73M/ 2.4FT	22
PORT ST CHARLES BB	13.3N	59.6W	2125	1.61M/ 5.3FT	28
DART 44402	39.3N	70.7W	2127	0.10M/ 0.3FT	24
SAINT PIERRE MIQUEL	46.5N	56.1W	2119	1.02M/ 3.4FT	20
PARHAM AT	17.1N	61.8W	2115	1.31M/ 4.3FT	26
DESIRADE GUADELOUPE	16.3N	61.1W	2106	1.21M/ 4.0FT	20
DART 41425	28.7N	65.7W	2110	0.25M/ 0.8FT	16
DART 41421	23.4N	63.8W	2106	0.14M/ 0.5FT	20
BERMUDA UK	32.4N	64.7W	2105	2.30M/ 7.6FT	20
SALERNO IT	40.7N	14.8E	1906	0.07M/ 0.2FT	24
SETE FR	43.4N	3.7E	1901	0.11M/ 0.4FT	28
MALIN HEAD IE	55.4N	7.3W	1854	0.71M/ 2.3FT	18
FOS-SUR-MER FR	43.4N	4.9E	1849	0.11M/ 0.3FT	20
PORT-VENDRES FR	43.0N	3.1E	1848	0.12M/ 0.4FT	22

GENOVA IT	44.4N	8.9E	1837	0.15M/ 0.5FT	26
NOUADHIBOU MR	20.8N	17.0W	1835	1.22M/ 4.0FT	22
IMPERIA IT	43.9N	8.0E	1820	0.13M/ 0.4FT	24
MONACO MC	43.7N	7.4E	1820	0.11M/ 0.4FT	28
NICE FR	43.7N	7.3E	1823	0.13M/ 0.4FT	18
CARLOFORTE IT	39.1N	8.3E	1816	0.14M/ 0.4FT	14
LA FIGUEIRETTE	43.5N	6.9E	1812	0.12M/ 0.4FT	18
PORT FERREOL FR	43.4N	6.7E	1811	0.12M/ 0.4FT	24
AJACCIO FR	41.9N	8.8E	1814	0.10M/ 0.3FT	26
PRAIA CV	14.9N	23.5W	1801	0.78M/ 2.6FT	22
LHERBAUDIERE FR	47.0N	2.3W	1801	0.82M/ 2.7FT	26
BARCELONA ES	41.3N	2.2E	1754	0.11M/ 0.4FT	16
LES SABLES DOLONNE	46.5N	1.8W	1752	0.69M/ 2.3FT	22
PALMEIRA CAPE VERDE	16.8N	23.0W	1738	1.07M/ 3.5FT	26
CONCARMEAU FR	47.9N	3.9W	1732	0.87M/ 2.9FT	22
VALENCIA ES	39.4N	0.3W	1728	0.19M/ 0.6FT	18
LE CONQUET FR	48.4N	4.8W	1730	0.93M/ 3.0FT	28
MIMIZAN FR	44.2N	1.3W	1702	0.69M/ 2.3FT	24
BOUCAU BAYONNE FR	43.5N	1.5W	1645	0.73M/ 2.4FT	26
CARTAGENA ES	37.6N	1.0W	1630	0.40M/ 1.3FT	28
SAID MA	35.1N	2.3W	1627	0.74M/ 2.4FT	28
PONTA DELGADA PT	37.7N	25.7W	1604	3.82M/12.5FT	22
FERROL ES	43.5N	8.3W	1600	1.46M/ 4.8FT	16
ELHIERRO ES	27.8N	17.9W	1554	1.78M/ 5.9FT	22
FUERTEVENTURA ES	28.5N	13.9W	1551	2.39M/ 7.9FT	28
LAGOMERA ES	28.1N	17.1W	1545	1.89M/ 6.2FT	16
LA PALMA ES	28.7N	17.8W	1543	2.99M/ 9.8FT	18
TENERIFE ES	28.5N	16.2W	1540	3.00M/ 9.8FT	20
ARRECIFE ES	29.0N	13.5W	1529	2.72M/ 8.9FT	24
LASPALMAS ES	28.1N	15.4W	1532	3.80M/12.5FT	18
ALGECIRAS ES	36.2N	5.4W	1534	1.27M/ 4.2FT	26
CADIZ ES	36.5N	6.3W	1528	8.34M/27.4FT	20
HUELVA ES	37.1N	6.8W	1526	11.04M/36.2FT	22
ALBUFEIRA PT	37.1N	8.3W	1505	15.43M/50.6FT	16
PORTO SANTO PT	33.1N	16.3W	1503	10.23M/33.6FT	14

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 #22

CZCZC

WECA41 PHEB 200800

TSUCAX

WMO ID

AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 22...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
0800 UTC FRI MAR 20 2020

...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 19 2020
* COORDINATES 36.0 NORTH 10.8 WEST
* DEPTH 5 KM / 3 MILES
* LOCATION AZORES-CAPE ST. VINCENT RIDGE

TEST... EVALUATION ...TEST

* THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.5 OCCURRED NEAR THE AZORES-CAPE SAINT VINCENT RIDGE AT 1400 UTC ON THURSDAY MARCH 19 2020.

* 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			
PORT STANLEY UK	51.8S	57.9W	0544	0.12M/ 0.4FT	22
KING EDWARD POINT U	54.3S	36.5W	0422	0.18M/ 0.6FT	22
GOUGH ISLAND UK	40.3S	9.9W	0230	0.23M/ 0.7FT	26
TRISTAN DA CUNHA UK	37.0S	12.3W	0146	0.27M/ 0.9FT	16
WOODS HOLE MA	41.5N	70.7W	0140	0.83M/ 2.7FT	14
ARRAIAL DO CABO BR	23.0S	42.0W	0127	0.16M/ 0.5FT	18
KEY WEST FL	24.6N	81.8W	0122	0.10M/ 0.3FT	26
NEW LONDON CT	41.4N	72.1W	0119	0.89M/ 2.9FT	24
ISLA MUJERES MX	21.3N	86.7W	0109	0.06M/ 0.2FT	14
BOCAS DEL TORO PA	9.4N	82.3W	0105	0.19M/ 0.6FT	24
VACA KEY FL	24.7N	81.1W	0059	0.15M/ 0.5FT	28
CEIBA CABOTAGE HN	15.8N	86.8W	0055	0.05M/ 0.2FT	22
LIMON CR	10.0N	83.0W	0051	0.28M/ 0.9FT	14
SIAN KAN MX	19.3N	87.4W	0040	0.07M/ 0.2FT	20
PUERTO MORELOS MX	20.9N	86.9W	0032	0.07M/ 0.2FT	20
PUERTO MORELOS MX	20.9N	86.9W	0034	0.07M/ 0.2FT	24
SAPZURRO CO	8.7N	77.4W	0026	0.18M/ 0.6FT	24
EL PORVENIR PA	9.6N	78.9W	0020	0.21M/ 0.7FT	16
SAN ANDRES CO	12.6N	81.7W	0021	0.20M/ 0.7FT	22

NEWPORT RI	41.5N	71.3W	0003	0.82M/	2.7FT	22
ISLA NAVAL CO	10.2N	75.8W	2351	0.17M/	0.6FT	22
PORT ROYAL JM	17.9N	76.8W	2353	0.46M/	1.5FT	26
SANTA MARTA CO	11.2N	74.2W	2334	0.26M/	0.9FT	16
SALVADOR BR	13.0S	38.5W	2331	0.33M/	1.1FT	22
PORT OF SPAIN TT	10.6N	61.5W	2314	1.01M/	3.3FT	26
NANTUCKET ISLAND MA	41.3N	70.1W	2305	0.81M/	2.7FT	18
SAINT HELENA UK	15.9S	5.7W	2307	0.37M/	1.2FT	14
SAINT HELENA RUPERT	15.9S	5.7W	2307	0.37M/	1.2FT	26
TORTOLA VI UK	18.4N	64.6W	2251	0.70M/	2.3FT	24
HATTERAS NC	35.2N	75.7W	2247	1.10M/	3.6FT	16
ORANGESTAD AW	12.5N	70.0W	2244	0.45M/	1.5FT	28
BULLEN BAY CURACAO	12.2N	69.0W	2245	0.52M/	1.7FT	16
BARAHONA DO	18.2N	71.1W	2237	0.34M/	1.1FT	16
ILE ROYAL GUIANA FR	5.3N	52.6W	2229	1.35M/	4.4FT	28
CAP HAITIEN HT	19.8N	72.2W	2217	0.93M/	3.1FT	16
PRICKLEY BAY GD	12.0N	61.8W	2216	0.59M/	1.9FT	26
DART 42407	15.3N	68.2W	2208	0.04M/	0.1FT	24
MAGUEYES ISLAND PR	18.0N	67.0W	2213	0.56M/	1.8FT	28
PUERTO PLATA DO	19.8N	70.7W	2200	0.97M/	3.2FT	16
GRAND TURK ISLAND T	21.4N	71.1W	2205	1.45M/	4.8FT	24
LAMESHURBAYSTJOHNVI	18.3N	64.7W	2205	0.83M/	2.7FT	16
BLOWING POINT AI	18.2N	63.1W	2157	0.93M/	3.1FT	26
PUNTA CANA DO	18.5N	68.4W	2159	0.85M/	2.8FT	24
MONA ISLAND PR	18.1N	67.9W	2200	0.69M/	2.3FT	24
SAINT MARTIN FR	18.1N	63.1W	2158	0.93M/	3.1FT	14
ISABELII VIEQUES PR	18.2N	65.4W	2201	0.70M/	2.3FT	16
GANTERS BAY ST LUCI	14.0N	61.0W	2155	0.64M/	2.1FT	20
MAYAGUEZ PR	18.2N	67.2W	2151	1.21M/	4.0FT	20
BARBUDA AG	17.6N	61.8W	2146	1.04M/	3.4FT	18
ESPERANZA VIEQUES P	18.1N	65.5W	2144	0.68M/	2.2FT	28
CALLIAQUA VC	13.1N	61.2W	2146	0.56M/	1.8FT	22
YABUCOA PR	18.1N	65.8W	2139	0.70M/	2.3FT	28
DART 41424	33.0N	72.7W	2141	0.10M/	0.3FT	24
ARECIBO PR	18.5N	66.7W	2139	1.57M/	5.1FT	14
LIMETREE VI	17.7N	64.8W	2134	0.62M/	2.0FT	28
BASSETTERE KN	17.3N	62.7W	2141	0.84M/	2.8FT	24
ST CROIX VI	17.7N	64.7W	2138	0.73M/	2.4FT	28
SAN JUAN PR	18.5N	66.1W	2136	1.28M/	4.2FT	28
FORT DE FRANCE MQ	14.6N	61.1W	2135	0.73M/	2.4FT	16
ROSEAU DM	15.3N	61.4W	2131	0.64M/	2.1FT	18
PORTSMOUTH DM	15.6N	61.5W	2128	0.70M/	2.3FT	28
DART 41420	23.4N	67.3W	2125	0.14M/	0.5FT	26
LE ROBERT MARTINIQU	14.7N	60.9W	2125	1.34M/	4.4FT	28
LE PRECHEUR MARTINI	14.8N	61.2W	2126	0.66M/	2.2FT	26
DESHAIES GUADELOUPE	16.3N	61.8W	2128	0.73M/	2.4FT	22
PORT ST CHARLES BB	13.3N	59.6W	2125	1.61M/	5.3FT	28
DART 44402	39.3N	70.7W	2127	0.10M/	0.3FT	24
SAINT PIERRE MIQUEL	46.5N	56.1W	2119	1.02M/	3.4FT	20
PARHAM AT	17.1N	61.8W	2115	1.31M/	4.3FT	26
DESIRADE GUADELOUPE	16.3N	61.1W	2106	1.21M/	4.0FT	20
DART 41425	28.7N	65.7W	2110	0.25M/	0.8FT	16
DART 41421	23.4N	63.8W	2106	0.14M/	0.5FT	20
BERMUDA UK	32.4N	64.7W	2105	2.30M/	7.6FT	20
SALERNO IT	40.7N	14.8E	1906	0.07M/	0.2FT	24

SETE FR	43.4N	3.7E	1901	0.11M/	0.4FT	28
MALIN HEAD IE	55.4N	7.3W	1854	0.71M/	2.3FT	18
FOS-SUR-MER FR	43.4N	4.9E	1849	0.11M/	0.3FT	20
PORT-VENDRES FR	43.0N	3.1E	1848	0.12M/	0.4FT	22
GENOVA IT	44.4N	8.9E	1837	0.15M/	0.5FT	26
NOUADHIBOU MR	20.8N	17.0W	1835	1.22M/	4.0FT	22
IMPERIA IT	43.9N	8.0E	1820	0.13M/	0.4FT	24
MONACO MC	43.7N	7.4E	1820	0.11M/	0.4FT	28
NICE FR	43.7N	7.3E	1823	0.13M/	0.4FT	18
CARLOFORTE IT	39.1N	8.3E	1816	0.14M/	0.4FT	14
LA FIGUEIRETTE	43.5N	6.9E	1812	0.12M/	0.4FT	18
PORT FERREOL FR	43.4N	6.7E	1811	0.12M/	0.4FT	24
AJACCIO FR	41.9N	8.8E	1814	0.10M/	0.3FT	26
PRAIA CV	14.9N	23.5W	1801	0.78M/	2.6FT	22
LHERBAUDIERE FR	47.0N	2.3W	1801	0.82M/	2.7FT	26
BARCELONA ES	41.3N	2.2E	1754	0.11M/	0.4FT	16
LES SABLES DOLONNE	46.5N	1.8W	1752	0.69M/	2.3FT	22
PALMEIRA CAPE VERDE	16.8N	23.0W	1738	1.07M/	3.5FT	26
CONCARMEAU FR	47.9N	3.9W	1732	0.87M/	2.9FT	22
VALENCIA ES	39.4N	0.3W	1728	0.19M/	0.6FT	18
LE CONQUET FR	48.4N	4.8W	1730	0.93M/	3.0FT	28
MIMIZAN FR	44.2N	1.3W	1702	0.69M/	2.3FT	24
BOUCAU BAYONNE FR	43.5N	1.5W	1645	0.73M/	2.4FT	26
CARTAGENA ES	37.6N	1.0W	1630	0.40M/	1.3FT	28
SAID MA	35.1N	2.3W	1627	0.74M/	2.4FT	28
PONTA DELGADA PT	37.7N	25.7W	1604	3.82M/12.5FT	22	
FERROL ES	43.5N	8.3W	1600	1.46M/	4.8FT	16
ELHIERRO ES	27.8N	17.9W	1554	1.78M/	5.9FT	22
FUERTEVENTURA ES	28.5N	13.9W	1551	2.39M/	7.9FT	28
LAGOMERA ES	28.1N	17.1W	1545	1.89M/	6.2FT	16
LA PALMA ES	28.7N	17.8W	1543	2.99M/	9.8FT	18
TENERIFE ES	28.5N	16.2W	1540	3.00M/	9.8FT	20
ARRECIFE ES	29.0N	13.5W	1529	2.72M/	8.9FT	24
LASPALMAS ES	28.1N	15.4W	1532	3.80M/12.5FT	18	
ALGECIRAS ES	36.2N	5.4W	1534	1.27M/	4.2FT	26
CADIZ ES	36.5N	6.3W	1528	8.34M/27.4FT	20	
HUELVA ES	37.1N	6.8W	1526	11.04M/36.2FT	22	
ALBUFEIRA PT	37.1N	8.3W	1505	15.43M/50.6FT	16	
PORTO SANTO PT	33.1N	16.3W	1503	10.23M/33.6FT	14	

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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NNNN

Participation des Etats Membres

Inscription Tsunami Zone

Chaque État membre doit définir son propre groupe de travail et déterminer les tests qui seront réalisés et l'ampleur de la participation nationale.

The screenshot shows the homepage of 'The TsunamiZone'. At the top is a navigation bar with links: 'Page d'accueil', 'Régions du TsunamiZone', 'Autres langues', 'Contactez-nous', 'Recherche', and 'Connexion'. Below this is a large banner image of a rocky coastline with a white silhouette of a person running. The text 'The TsunamiZone' is overlaid on the left. A red box highlights the 'Qui participe?' link in the main navigation area. Below the banner, there are two main columns. The left column is titled 'BIENVENUE SUR TSUNAMIZONE !' and contains links for 'ENGLISH' and 'ESPAÑOL'. It also includes a paragraph about preparing for tsunamis and a section titled 'Inscrivez-vous à l'exercice CARIBE WAVE 20'. The right column is titled 'ACTIVETÉS OFFICIELLES 2020' and lists several events: '16-20 Mars' (Puerto Rico, Îles vierges américaines, CARIBE WAVE), '23-27 Mars' (Californie & Alaska), '24 Mars' (LANTEX20), '26 Mars' (PACIFEX20), and '5 de Novembre' (Journée mondiale de sensibilisation aux tsunamis). In the center, there are three instructional panels: 'SE BAISSER!' (Protégez-vous pendant les tremblements de terre), 'S'ABRITER! ET S'AGRIPPER!' (Protégez-vous pendant les tremblements de terre), and 'ALLER À TERRE ÉLEVÉE OU À L'INTÉRIEUR DES TERRES' (La secousse est votre alerte de tsunami). At the bottom, there is a panel titled 'RESTER LA!' (Les vagues de tsunamis peuvent arriver pendant des heures).

TWFP et NTWC n'ont pas besoin de s'inscrire sur la zone Tsunami pour recevoir les bulletins simulés du PTWC, **mais sont encouragés à le faire pour faire partie du compte statistique des partecipe.**

The TsunamiZone

[Inscrivez-vous ici!](#)[Qui participe?](#)[Caribe Wave](#)**BIENVENUE SUR TSUNAMIZONE !****[ENGLISH](#) | [ESPAÑOL](#)**

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

[Inscrivez-vous](#) à l'exercice CARIBE WAVE 20 pour faire partie des nombreuses personnes et organisations qui partout à travers le monde participent à des activités de préparation aux tsunamis !

**ACTIVETÉS OFFICIELLES 2020**

16-20 Mars
[Puerto Rico, Îles vierges américaines, CARIBE WAVE](#) (19 Mars)

23-27 Mars
[Californie & Alaska](#)

24 Mars
[LANTEX20](#)

26 Mars
[PACIFEX20](#)

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

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

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



TOTAUX RELATIFS À LA PARTICIPATION

Ce tableau indique le nombre de participants à la Grande Secousse de 2020 par catégorie. Cliquez sur une catégorie pour voir le nom des participants qui ont accepté d'être listés.

Ces totaux sont ceux en vigueur au 01/14/2020 11:30 AM PST.

Catégorie	Participants	Totaux relatifs à la participation pour chaque zone	Total
Total:	1 127		
Particuliers/Familles	73	Californie	22
Centres de la petite enfance et prématernelles	0	North Coast	0
Écoles et commissions scolaires	0	Shasta Cascade	0
Organismes jeunesse	0	Bay Area	0
Collèges et universités	0	Delta Sierra	0
Premières nations	0	Inyo-Mono	0
Gouvernement fédéral	0	Central Valley South	0
Gouvernement provincial	10	Central Coast	0
Municipalités	0	Southern California Coast	0
Organismes communautaires	0	Inland Southern California	0
Entreprises	810	San Diego	4
Hôtels et autres logements	0	Autres Régions	18
Soins de santé	0	Caraïbes	1094
Résidences pour aînés	0	Anguilla	0
Organismes représentant les personnes handicapées	0	Antigua-et-Barbuda	0
Organismes à but non-lucratif	100	Aruba	0
Sécurité civile	133	Bahamas	0
Organismes religieux	0	Barbade	1
Musées, bibliothèques, parcs, etc.	0	Belize	0
Organismes de charité	1	Bermuda	0
Refuges pour animaux	0	Bonaire	0
Agriculture/Aquaculture	0	Brésil	0
Groupes de radioamateurs	0	Îles Vierges britanniques	0
Firmes spécialisées en sciences ou en génie	0	Îles Caïmans	0
Médias	0	Colombie	1
Autre	0	Costa Rica	0
		Cuba	0
		Curacao	12
		Dominique	0
		République Dominicaine	15
		France	0
		Grenade	0
		Guadeloupe	0
		Guatemala	0
		Guyana	0
		Guyane	0
		Haïti	0
		Honduras	0
		Jamaïque	0
		Martinique	0
		Mexique	0
		Montserrat	0
		Pays-Bas	0
		Nicaragua	0



TOTAUX RELATIFS À LA PARTICIPATION

Ce tableau indique le nombre de participants à la Grande Secousse de 2020 par catégorie. Cliquez sur une catégorie pour voir le nom des participants qui ont accepté d'être listés.

Ces totaux sont ceux en vigueur au 01/14/2020 11:30 AM PST.

Catégorie	Participants	Totaux relatifs à la participation pour chaque zone	Total
Total:	1 094		
Particuliers/Familles	50	Anguilla	0
Centres de la petite enfance et prématernelles	0	Antigua and Barbuda	0
Écoles et commissions scolaires	0	Aruba	0
Organismes jeunesse	0	Bahamas	0
Collèges et universités	0	Barbados	1
Premières nations	0	Belize	0
Gouvernement fédéral	0	Bermuda	0
Gouvernement provincial	10	Bonaire	0
Municipalités	0	Brazil	0
Organismes communautaires	0	British Virgin Islands	0
Entreprises	800	Cayman Islands	0
Hôtels et autres logements	0	Colombia	1
Soins de santé	0	Costa Rica	0
Résidences pour aînés	0	Cuba	0
Organismes représentant les personnes handicapées	0	Curacao	12
Organismes à but non-lucratif	100	Dominica	0
Sécurité civile	133	Dominican Republic	15
Organismes religieux	0	France	0
Musées, bibliothèques, parcs, etc.	0	Grenada	0
Organismes de charité	1	Guadeloupe	0
Refuges pour animaux	0	Guatemala	0
Agriculture/Aquaculture	0	Guyana	0
Groupes de radioamateurs	0	Guyane	0
Firmes spécialisées en sciences ou en génie	0	Haiti	0
Médias	0	Honduras	0
Autre	0	Jamaica	0
		Martinique	0
		Mexico	0
		Montserrat	0



TOTAUX RELATIFS À LA PARTICIPATION

Ce tableau indique le nombre de participants à la Grande Secousse de 2020 par catégorie. Cliquez sur une catégorie pour voir le nom des participants qui ont accepté d'être listés.

Le total des participants pour chaque pays est [disponible ci-dessous](#).

Ces totaux sont ceux en vigueur au 01/14/2020 11:30 AM PST.

Catégorie	Participants
Total:	239
Particuliers/Familles	17
Centres de la petite enfance et prématernelles	0
Écoles et commissions scolaires	0
Organismes jeunesse	0
Collèges et universités	0
Premières nations	0
Gouvernement fédéral	0
Gouvernement provincial	0
Municipalités	0
Organismes communautaires	0
Entreprises	0
Hôtels et autres logements	0
Soins de santé	0
Résidences pour aînés	0
Organismes représentant les personnes handicapées	0
Organismes à but non-lucratif	100
Sécurité civile	121
Organismes religieux	0
Musées, bibliothèques, parcs, etc.	0
Organismes de charité	1
Refuges pour animaux	0
Agriculture/Aquaculture	0
Groupes de radioamateurs	0
Firmes spécialisées en sciences ou en génie	0
Médias	0
Autre	0

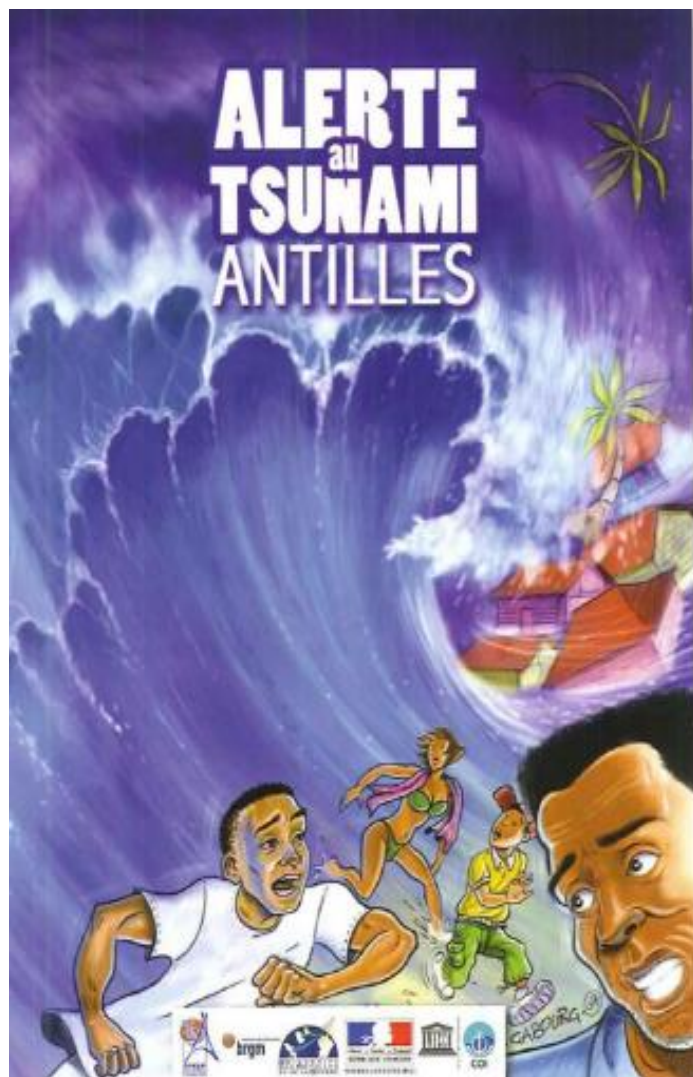
Ressources

- Manuels du IOC “[Comment planifier, mener et évaluer les exercices de tsunami](#)” et “[Module sur l'exercice de Tsunami](#)” qui seront également des ressources utiles. (Anglais, Espagnol).
- Manuel CARIBE WAVE 2011 á travers 2020.
- Rapport final CARIBE WAVE 2013 á travers 2019.
- Plan de Communication de PTWC pour les Caraïbes.
- Disponible sur www.caribewave.info
- Questions sur l'exercice pourraient être adressées aux membres du Groupe de travail Caribe Wave 20.

Autres informations

- Des outils additionnels seront placés sur les pages de CTWP (www.caribewave.info).
- Envoyer à christa.vonh@noaa.gov les liens vers les sites internet de chaque pays afin d'être inclus sur les pages du CTWP.
- Cette présentation est disponible sur le site Web du CTWP (<https://www.weather.gov/ctwp/caribewave20>).

Guide méthodologique (Plan Préliminaire) : Comment préparer, mener et évaluer un exercice de réaction aux tsunamis basé sur la communauté



- Ce guide recommandé aux États membres pour examiner les exercices Caribe Wave.
- Fournit aux chefs de communauté la conduite et l'évaluation d'un exercice d'évacuation suite à un tsunami avec une méthodologie et des outils.
- Cela est particulièrement pertinent pour les organismes directement exposés aux effets d'un tsunami, tels que les administrations locales, les écoles, les associations et les entreprises.
- Ce guide a pour objectif d'encourager le développement d'une culture commune des exercices entre les autorités municipales chargées de garantir la sécurité des habitants de leur région et les dirigeants de la communauté, acteurs de la vie sociale et économique de la région.
- Guide disponible en anglais et en français
http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=19139

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Chronologie

ACTION	DUE DATE
Lettre circulaire envoyée par le CIO aux États membres	✓Septembre 2019
Brouillon du manuel distribué entre le ICG CARIBE EWS TNC/TWFP et le TT CARIBE WAVE 20	✓Novembre 2019
Date limite pour les commentaires	✓Décembre 2019
Manuel d'exercice disponible en ligne	✓Décembre 2019
1er Webinaire CW	21 Janvier 2020 - Anglais 22 Janvier 2020 - Espagnol 23 Janvier 2020 – Français
2e Webinaire CW	26 Février 2020 - Anglais 27 Février 2020 - Espagnol 28 Février 2020 – Français
Les pays indiquent le scénario sélectionné	6 Mars 2020
Exercice	19 Mars 2020
Évaluation de l'exercice dû	3 Avril 2020
Projet de Rapport Final CARIBE WAVE Caribe 20 10 Avril 2020	

Questions, Commentaires

Merci de votre participation

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