



Primer seminario en línea

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CARIBE WAVE 2019



En el Caribe y Regiones Adyacentes, 48 Estados Miembros y Territorios participaron en este ejercicio con un total de 793,353 personas registradas.

- Esto representó una tasa de participación de un 100% de los países miembros (más que el 97% del 2018).

Objetivos Caribe Wave 20

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

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

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

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

Metas

[illegible]

Manual del Ejercicio

- El manual del ejercicio Caribe Wave 20 esta 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 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](#)

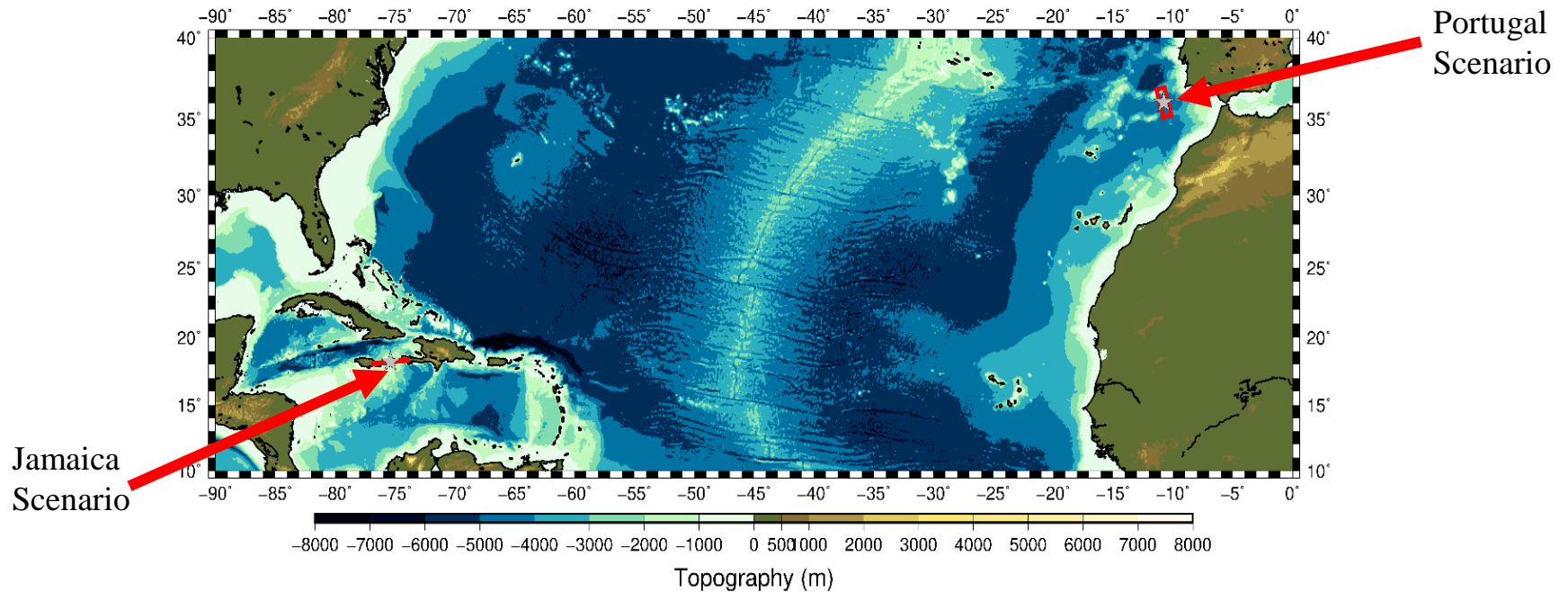
CARIBE WAVE 20 Scenarios by Member State/Territory

*scenarios decided by Caribe Wave organizers per Exercise Handbook

| Jamaica | Portugal |
|---------|----------|
| | |
| | |

CARIBE WAVE 20

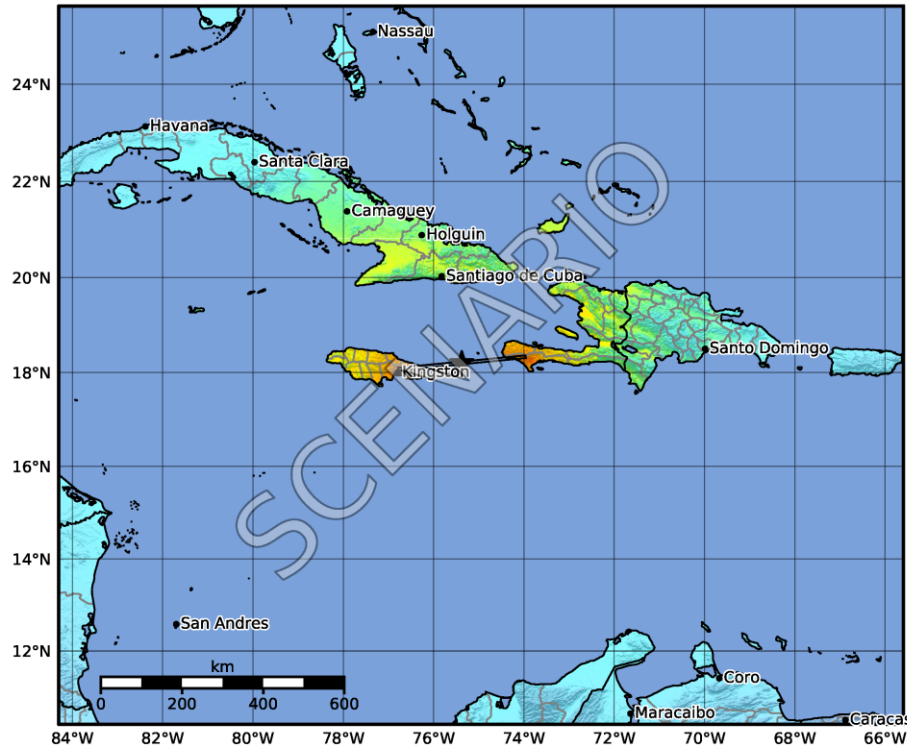
Mapa de los Escenarios



| Escenario | Tiempo de Origen | Mw | Epicentro |
|-----------|-------------------------------------|-----|----------------|
| Jamaica | 14:00:00 UTC 19 de marzo de 2020 | 8.0 | 18.2°N, 75.3°W |
| Portugal | | 8.5 | 36.0°N, 10.7°W |

Escenario del Impacto del Terremoto Jamaica

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



| SHAKING | Not felt | Weak | Light | Moderate | Strong | Very strong | Severe | Violent | Extreme |
|-----------|----------|--------|-------|------------|--------|-------------|----------------|---------|------------|
| DAMAGE | None | None | None | Very light | Light | Moderate | Moderate/heavy | Heavy | Very heavy |
| PGA(%g) | <0.05 | 0.3 | 2.76 | 6.2 | 11.5 | 21.5 | 40.1 | 74.7 | >139 |
| PGV(cm/s) | <0.02 | 0.13 | 1.41 | 4.65 | 9.64 | 20 | 41.4 | 85.8 | >178 |
| INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

Scale based on Worden et al. (2012)

△ Seismic Instrument ○ Reported Intensity

★ Epicenter □ Rupture

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



M 8.0, Scenario Jamaica

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

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

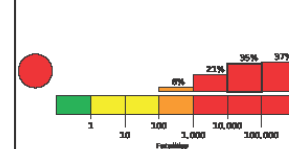
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Earthquake Shaking **Red Alert**



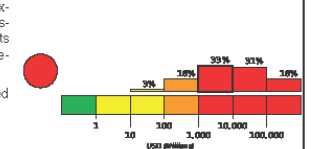
PAGER
Version 11

Estimated Fatalities



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

Estimated Economic Losses

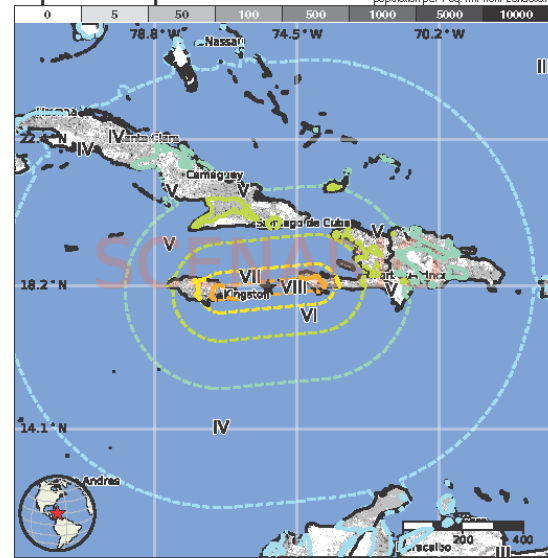


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=10,000) | — | 11,836k* | 17,632k | 15,621k | 6,214k | 1,455k | 1,934k | 126k | 0 |
|--|-----------------------|----------|---------|----------|----------|-------------|------------|------------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are wood and rubble/field stone with cement construction.

Historical Earthquakes

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

Selected City Exposure

| MMI | City | Population |
|------|-----------------|------------|
| IX | Half Way Tree | 138k |
| VIII | Kingston | 939k |
| VIII | New Kingston | 584k |
| VIII | Mona Heights | 3k |
| VIII | Constant Spring | 13k |
| VIII | Chantel | 2k |
| V | Santo Domingo | 2,202k |
| IV | Barranquilla | 1,380k |
| III | Havana | 2,164k |
| III | Maracaibo | 2,225k |
| III | Caracas | 3,000k |

bold cities appear on map.

(k=10,000)

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

Event ID: us.jamaica.CaribeWave.se

Comienzo de Ejercicio Caribe Wave 20

- En relación al escenario de Portugal, se espera que las primeras olas impacten el Caribe desde 2105 UTC.
- Los países participantes tienen la discreción de ajustar los tiempos de acuerdo a sus necesidades, ya que la recepción de mensajería de PTWC puede correr separado del ejercicio en las comunidades.

PRODUCTOS PTWC

Para el Caribe Wave 20 PTWC emitirá los siguientes productos:

- El mensaje inicial “dummy” para los dos escenarios se emitirá el 19 de marzo de 2020 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 1407 UTC, se enviarán correos electrónicos de PTWC con todos los productos simulados (texto y gráficos) a CARIBE-EWS, TWFP y NTWC para uno de los escenarios.
 - Para el 6 de febrero de 2020, cada Estado Miembro debe seleccionar un escenario y completar el siguiente formulario (<https://forms.gle/7iEBp187x1UXaXYy6>) para seleccionar el escenario que su país utilizará para el ejercicio. 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 acceder:

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

Usuario: tsunami Contraseña: bigwave

Escenarios CARIBE WAVE 20 por Estado Miembro/Territorio

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

| Jamaica | Portugal |
|---------|----------|
| | |
| | |
| | |
| | |
| | |

Appendix E. TWC Dummy (Start of Exercise) Messages

PTWC

Centro

WECA41 PHEB 191400

WMO ID

TSUCAX

AWIPS ID

TEST...INITIAL DUMMY START OF EXERCISE MESSAGE...TEST
NWS PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1400Z 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 EXERCISE AND EVALUATE THE
CARIBE EWS TSUNAMI WARNING SYSTEM.

THIS IS ONLY AN EXERCISE.

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Mensaje Inicial “Dummy”

El mensaje para el comienzo del ejercicio Caribe Wave 20 será enviado por la cuenta de Twitter del PTWC.

“This is a test message for CARIBEWAVE 20 tsunami exercise #CaribeWave”
(Será diseminado a las 14h00 UTC a las cuentas/suscriptores de NWS_PTWC y NWS_CTWP)

Escenario de Jamaica

Cronograma del Mensaje por PTWC

Jamaica

| Date | Time (UTC) | PTWC | |
|---------|------------|--|------------------------------------|
| | | Tipos of Productos | Método de Transmisión |
| 3/19/20 | 1400 | - - - - E a r t h q u a k e O c c u r s - - - - | |
| 3/19/20 | 1400 | Dummy | NWWS, GTS, EMWIN, AISR, Fax, Email |
| 3/19/20 | 1407 | Mensaje de Amenaza de Tsunami #1 | Email |
| 3/19/20 | 1415 | Mensaje de Amenaza de Tsunami #2 | Email |
| 3/19/20 | 1425 | Mensaje de Amenaza de Tsunami #3 Producto Gráfico Mejorado | Email |
| 3/19/20 | 1500 | Mensaje de Amenaza de Tsunami #4 | Email |
| 3/19/20 | 1600 | Mensaje de Amenaza de Tsunami #5 | Email |
| 3/19/20 | 1700 | Mensaje de Amenaza de Tsunami #6 | Email |
| 3/19/20 | 1800 | Mensaje de Amenaza de Tsunami #7 | Email |
| 3/19/20 | 1900 | Mensaje de Amenaza de Tsunami #8 | Email |
| 3/19/20 | 2000 | Mensaje de Amenaza de Tsunami #9 | Email |
| 3/19/20 | 2100 | Mensaje de Amenaza de Tsunami #10 | Email |
| 3/19/20 | 2200 | Mensaje de Amenaza de Tsunami #11 | Email |
| 3/19/20 | 2300 | Mensaje Final de Amenaza de 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.

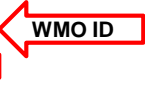
THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST
MESSAGE.

\$\$

NNNN

ZCZC
WECA41 PHEB 191425
TSUCAX

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 ****

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

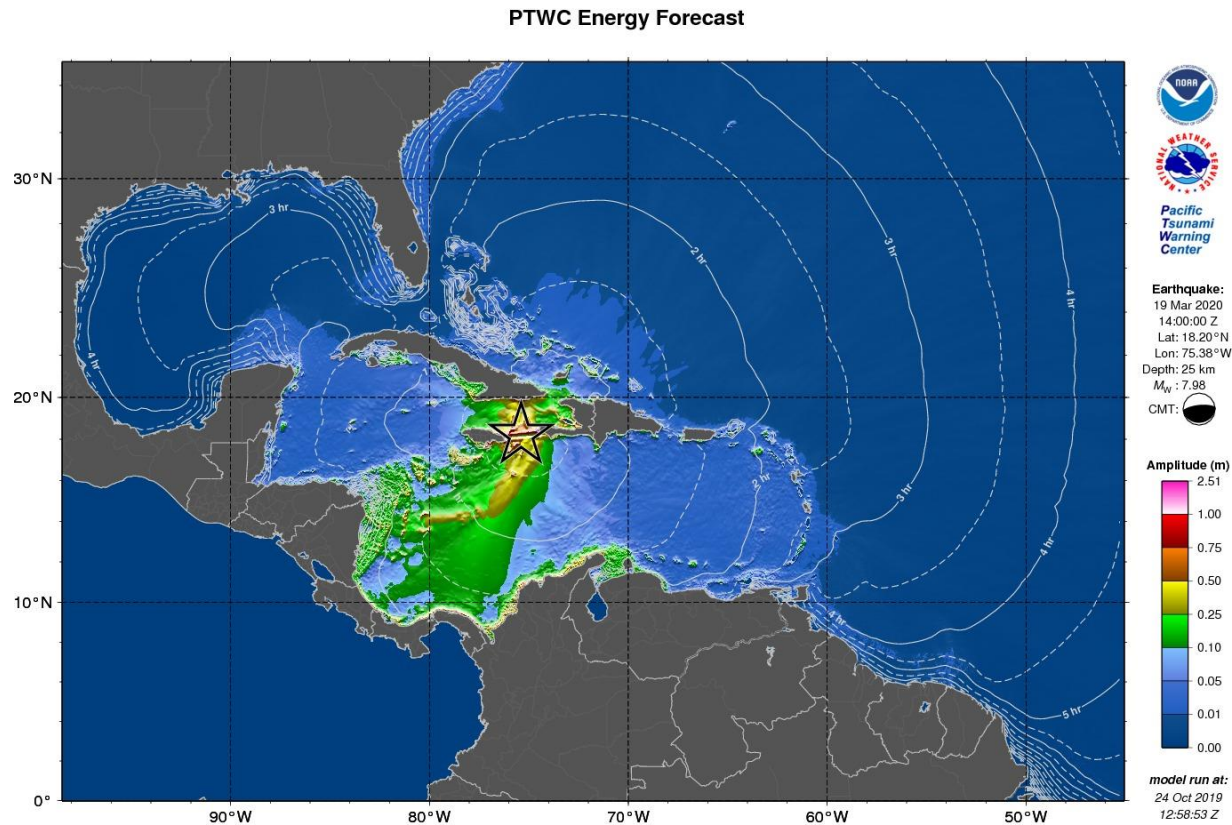
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- * THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT
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CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER
MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

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

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NNNN

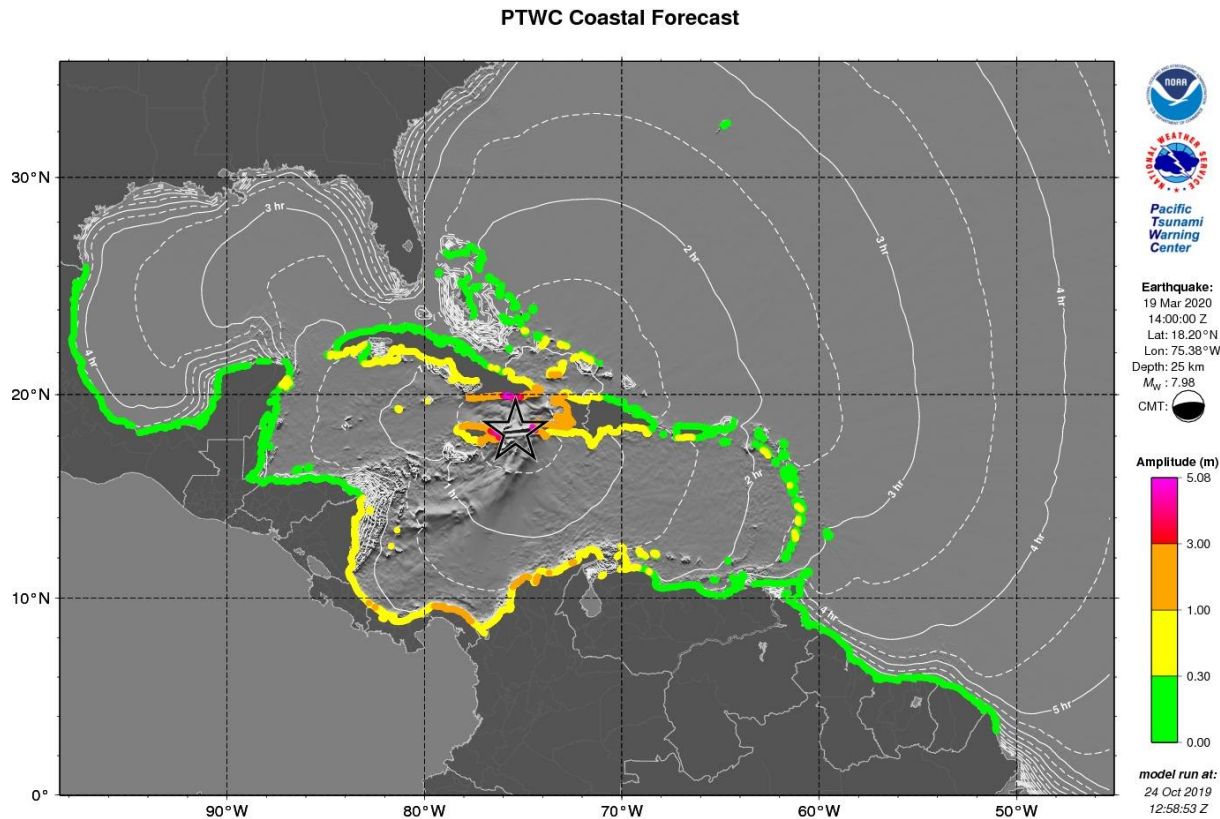
Pronóstico de Amplitud de Olas de Tsunami Jamaica



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

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

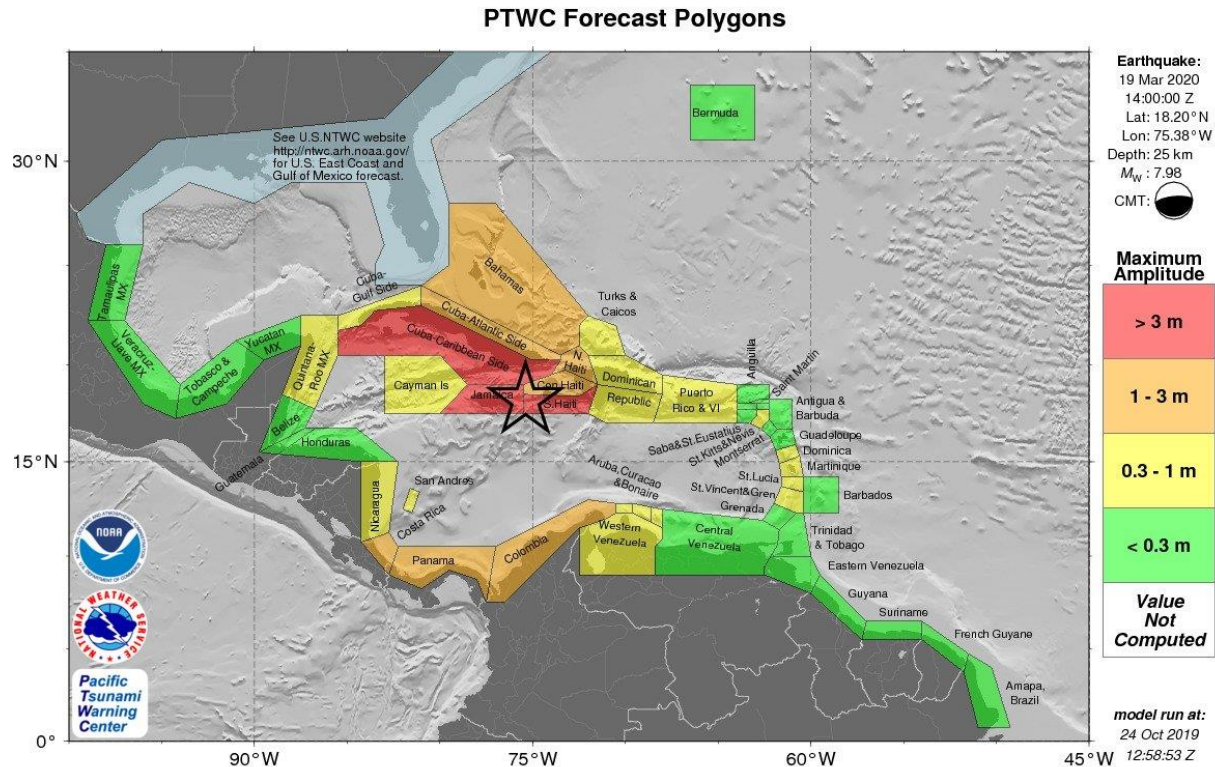
Pronóstico de Amplitud de Olas de Tsunami Jamaica



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

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

Pronóstico de Amplitud de Olas de Tsunami Jamaica

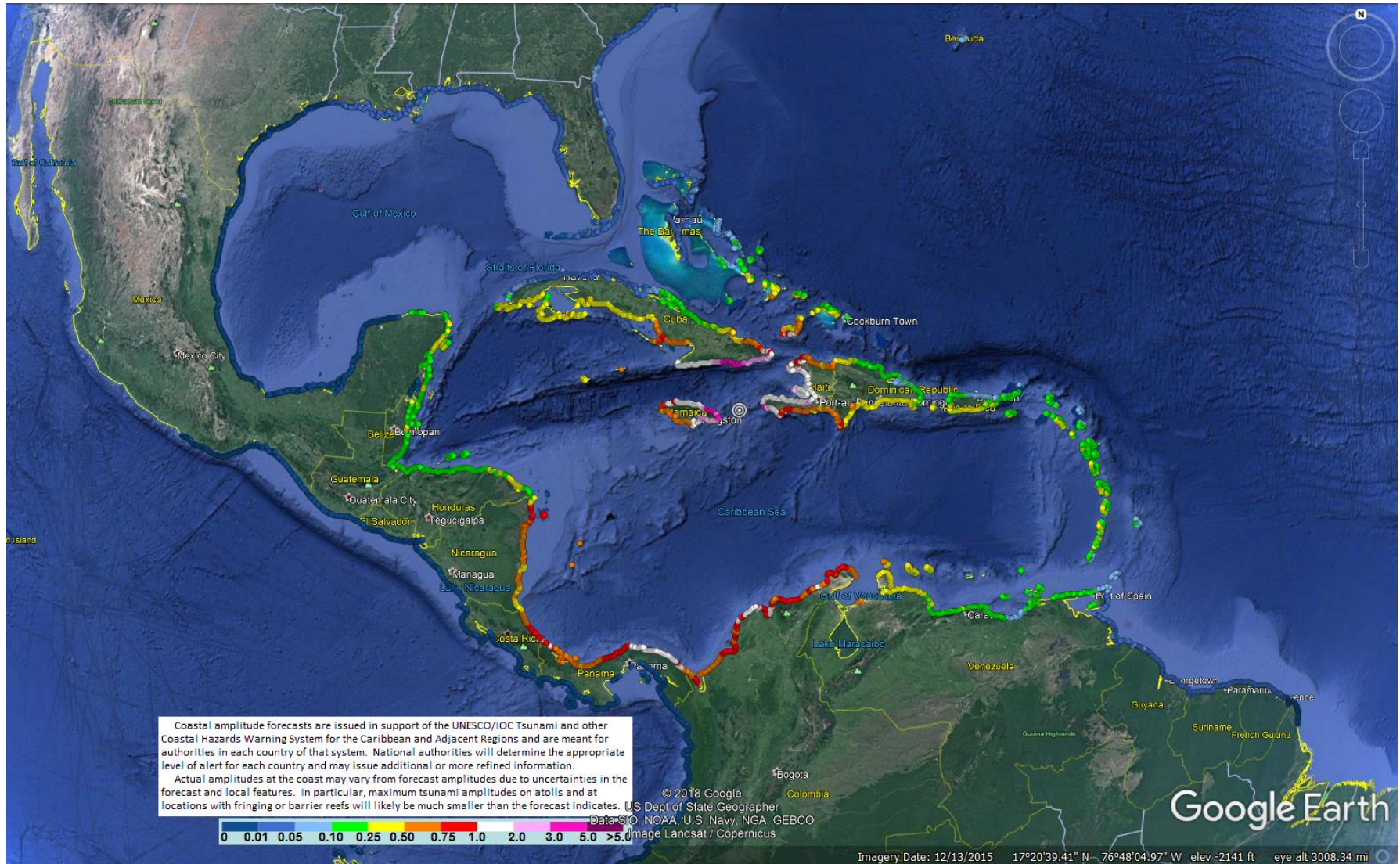


Mapa RIFT de polígonos de pronóstico para la región del Caribe basado en el escenario de Jamaica.

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

KMZ

Jamaica



Estadísticas de pronóstico para polígonos regionales*

Jamaica

| Region_Name | 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 |

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

PTWC Message #12

ZCZC
WECA41 PHEB 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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Escenario de Portugal

Cronograma del Mensaje por PTWC Portugal

| Fecha | Hora (UTC) | PTWC | |
|---------|------------|--|------------------------------------|
| | | Tipos de Productos | Métodos de Transmisión |
| 3/19/20 | 1400 | - - - - Se produce el terremoto - - - - | |
| 3/19/20 | 1400 | Dummy | NWWS, GTS, EMWIN, AISR, Fax, Email |
| 3/19/20 | 1407 | Mensaje de Amenaza de Tsunami #1 | Email |
| 3/19/20 | 1415 | Mensaje de Amenaza de Tsunami #2 | Email |
| 3/19/20 | 1425 | Mensaje de Amenaza de Tsunami #3 y Producto Gráfico Mejorado | Email |
| 3/19/20 | 1500 | Mensaje de Amenaza de Tsunami #4 | Email |
| 3/19/20 | 1520 | Mensaje de Amenaza de Tsunami #5 | Email |
| 3/19/20 | 1600 | Mensaje de Amenaza de Tsunami #6 | Email |
| 3/19/20 | 1700 | Mensaje de Amenaza de Tsunami #7 | Email |
| 3/19/20 | 1800 | Mensaje de Amenaza de Tsunami #8 | Email |
| 3/19/20 | 1900 | Mensaje de Amenaza de Tsunami #9 | Email |
| 3/19/20 | 2000 | Mensaje de Amenaza de Tsunami #10 | Email |
| 3/19/20 | 2100 | Mensaje de Amenaza de Tsunami #11 | Email |
| 3/19/20 | 2200 | Mensaje de Amenaza de Tsunami #12 | Email |
| 3/19/20 | 2300 | Mensaje de Amenaza de Tsunami #13 | Email |
| 3/20/20 | 0000 | Mensaje de Amenaza de Tsunami #14 | Email |
| 3/20/20 | 0100 | Mensaje de Amenaza de Tsunami #15 | Email |
| 3/20/20 | 0200 | Mensaje de Amenaza de Tsunami #16 | Email |
| 3/20/20 | 0300 | Mensaje de Amenaza de Tsunami #17 | Email |
| 3/20/20 | 0400 | Mensaje de Amenaza de Tsunami #18 | Email |
| 3/20/20 | 0500 | Mensaje de Amenaza de Tsunami #19 | Email |
| 3/20/20 | 0600 | Mensaje de Amenaza de Tsunami #20 | Email |
| 3/20/20 | 0700 | Mensaje de Amenaza de Tsunami #21 | Email |
| 3/20/20 | 0800 | Mensaje Final de Amenaza de 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.

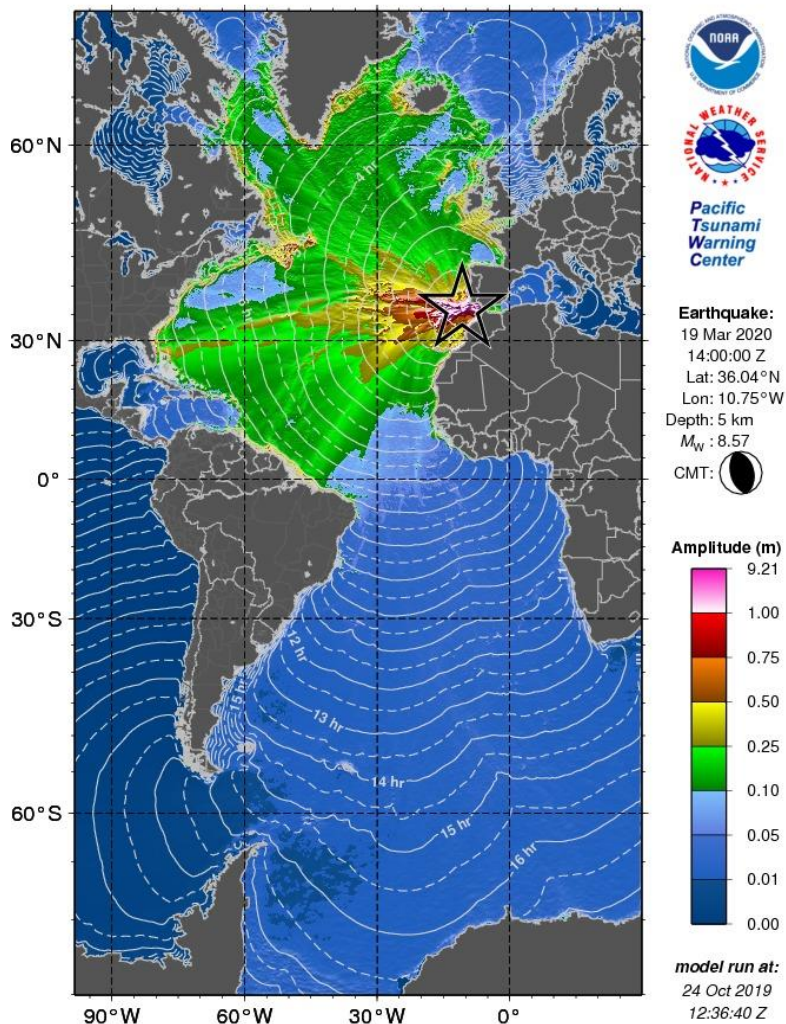
THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST
MESSAGE.

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NNNN

Pronóstico de Amplitud de Olas de Tsunami Portugal

PTWC Energy Forecast

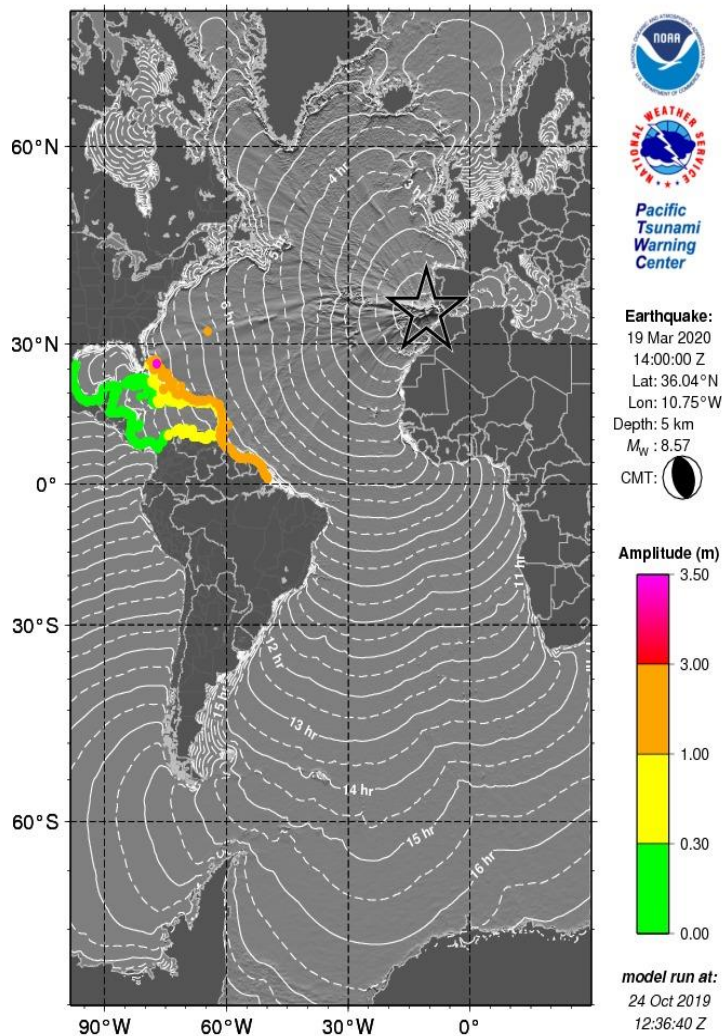


Mapa RIFT con la amplitud máxima del tsunami basado en el escenario de Portugal.

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 Portugal

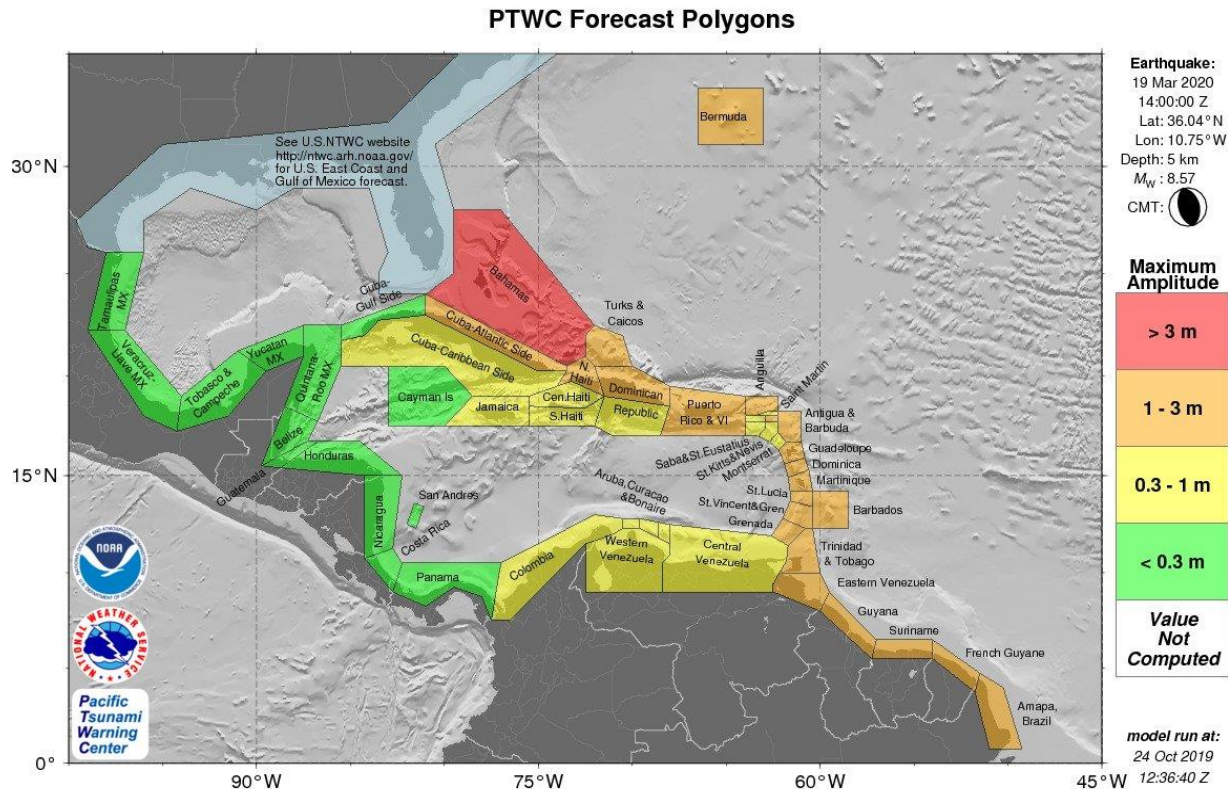
PTWC Coastal Forecast



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

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.

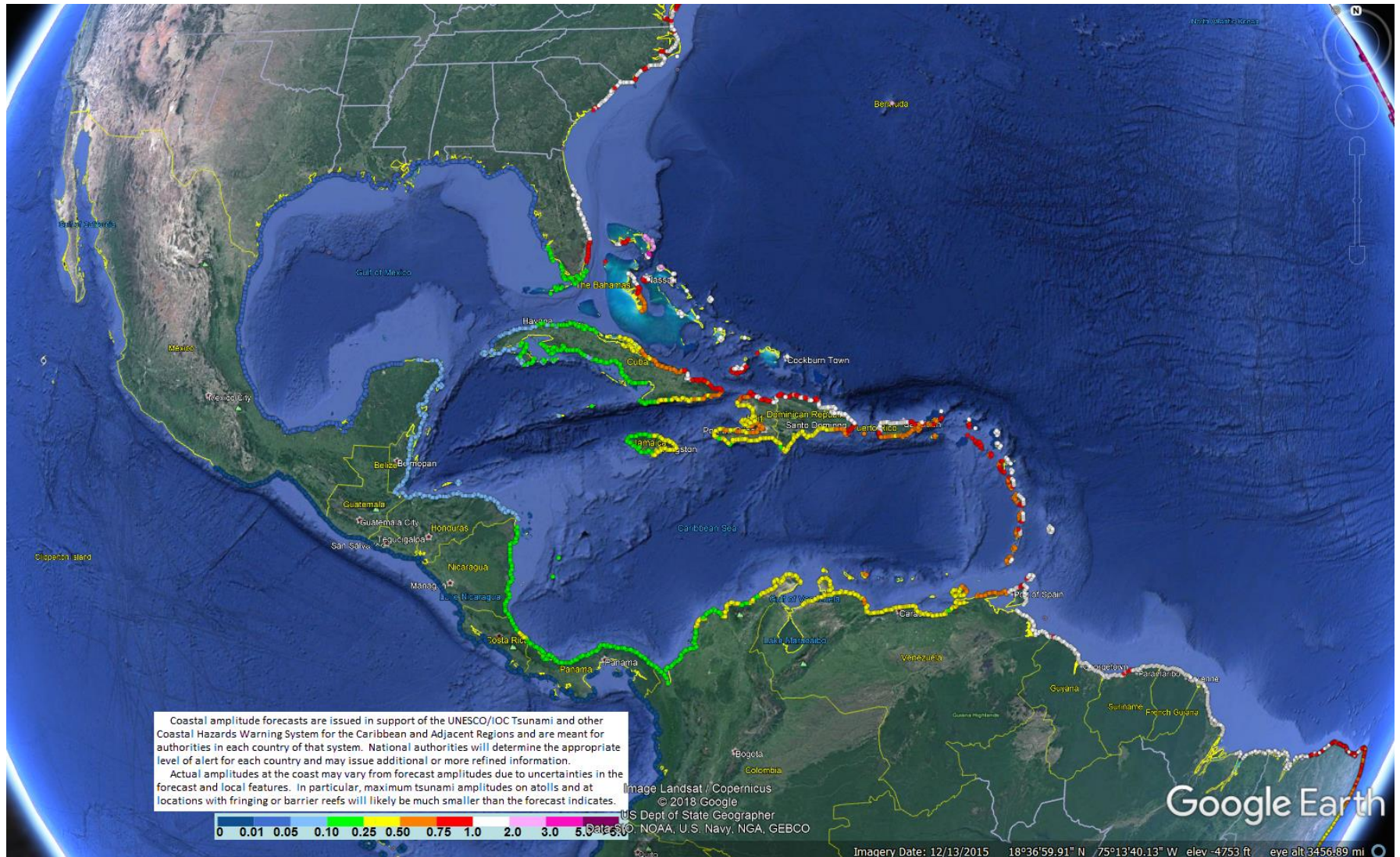
Pronóstico de Amplitud de Olas de Tsunami Portugal



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

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 Portugal



Estadísticas de pronóstico para polígonos regionales*

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 |

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

PTWC Message #12

ZCZC

WECA41 PHEB 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.

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EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON
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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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Participación de los Estados Miembros

Registro de *TsunamiZone*

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

The screenshot shows the TsunamiZone website. At the top is a navigation bar with links: Inicio, Regiones del TsunamiZone, Otros Idiomas, Contáctenos, Búsqueda, and Iniciar sesión. Below this is a large banner image of a rocky coastline with the text 'The TsunamiZone' and a white silhouette of a person running. A red box highlights the link '¿Quien participará?' in the navigation bar. Below the banner, the main content area is divided into two columns. The left column has a header '¡BIENVENIDO AL TSUNAMIZONE!' and links for 'ENGLISH' and 'FRANÇAIS'. It contains a paragraph about tsunami preparedness and a link to '¡Inscríbese'. Below this is a video player with the title '¡Manténgase a salvo, aléje...' and a play button. The right column is titled 'OFICIALES EVENTOS 2020' and lists several events with dates and locations: 16-20 de marzo (Puerto Rico, Islas Vírgenes de EE.UU., CARIBE WAVE), 23-27 de marzo (California, Alaska), 24 de marzo (LANTEX20), 26 de marzo (PACIFEX20), and 5 de Noviembre (Día Mundial de Concienciación sobre los Tsunamis).

Inicio Regiones del TsunamiZone Otros Idiomas Contáctenos Búsqueda Iniciar sesión

The TsunamiZone

¡Inscríbese aquí! ¿Quien participará? Caribe Wave

¡BIENVENIDO AL TSUNAMIZONE!

[ENGLISH](#) | [FRANÇAIS](#)

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

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

¡Manténgase a salvo, aléje...

OFICIALES EVENTOS 2020

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

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

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

24 de marzo
[LANTEX20](#)

26 de marzo
[PACIFEX20](#)

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

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

The
TsunamiZone

[¡Inscribase aquí!](#)[¿Quien participará?](#)[Caribe Wave](#)

¡BIENVENIDO AL TSUNAMIZONE!

[ENGLISH](#) | [FRANÇAIS](#)

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

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



OFICIALES EVENTOS 2020

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

16-20 de marzo

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

23-27 de marzo

[California](#), [Alaska](#)

24 de marzo

[LANTEX20](#)

26 de marzo

[PACIFEX20](#)

5 de Noviembre

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

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

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



TOTALES DE PARTICIPACIÓN

Esta tabla muestra los totales de participación por categoría para el TsunamiZone de 2020. Haga clic en una categoría para ver los participantes que optaron incluirse.

Estos totales son actuales a partir de 14.01.2020 11:35 AM PST.

| Categoría | Participantes | Participantes por área | Total |
|--|---------------|--|-------------|
| Total: | 1.127 | California | 22 |
| Individuos/Familias | 73 | North Coast | 0 |
| Cuido de niños y Pre-escolares | 0 | Shasta Cascade | 0 |
| Escuelas K-12 | 0 | Bay Area | 0 |
| Organizaciones para la Juventud | 0 | Delta Sierra | 0 |
| Universidades/colegios comunitarios | 0 | Inyo-Mono | 0 |
| Tribus | 0 | Central Valley South | 0 |
| Gobierno Federal (Incluidos Los Militares) | 0 | Central Coast | 0 |
| Gobierno Estatal | 10 | Southern California Coast | 0 |
| Gobierno Municipal | 0 | Inland Southern California | 0 |
| Grupos Comunitarios/Urbanizaciones | 0 | San Diego | 4 |
| Negocios | 810 | Otros Areas | 18 |
| Centros de Salud/Hospitales | 0 | Caribe | 1094 |
| Centros Geriátricos/Comunidad de Personas de Edad Avanzada | 0 | Anguilla | 0 |
| Agencias de atención a incapacitados | 0 | Antigua y Barbuda | 0 |
| Organizaciones sin Fines de Lucro | 100 | Aruba | 0 |
| Organizaciones de Preparación y Respuesta | 133 | Bahamas | 0 |
| Iglesias/instituciones denominacionales | 0 | Barbados | 1 |
| Museos, Bibliotecas, Parques, etc. | 0 | Belice | 0 |
| Clubes de voluntarios/servicio | 1 | Bermuda | 0 |
| Albergues para animales/veterinarios | 0 | Bonaire | 0 |
| Agricultura/Ganadería | 0 | Brasil | 0 |
| Voluntarios de Grupos Radiales | 0 | Islas Vírgenes Británicas | 0 |
| Organizaciones de Ciencia e Ingeniería | 0 | Islas Caimán | 0 |
| Radio/televisión/prensa/internet | 0 | Colombia | 1 |
| Otro | 0 | Costa Rica | 0 |
| | | Cuba | 0 |
| | | Curacao | 12 |
| | | Dominica | 0 |
| | | República Dominicana | 15 |
| | | Francia | 0 |
| | | Granada | 0 |
| | | Guadalupe | 0 |
| | | Guatemala | 0 |
| | | Guyana | 0 |
| | | Guyane | 0 |
| | | Haití | 0 |
| | | Honduras | 0 |
| | | Jamaica | 0 |
| | | Martinica | 0 |
| | | México | 0 |
| | | Montserrat | 0 |
| | | Países Bajos | 0 |
| | | Nicaragua | 0 |
| | | Panamá | 0 |

TOTALES DE PARTICIPACIÓN

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Estos totales son actuales a partir de 14.01.2020 11:35 AM PST.

| Categoría | Participantes | Participantes por área | Total |
|--|---------------|--|-------|
| Total: | 1.094 | | |
| Individuos/Familias | 50 | 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 | 1 |
| Tribus | 0 | Belize | 0 |
| Gobierno Federal (Incluidos Los Militares) | 0 | Bermuda | 0 |
| Gobierno Estatal | 10 | Bonaire | 0 |
| Gobierno Municipal | 0 | Brazil | 0 |
| Grupos Comunitarios/Urbanizaciones | 0 | British Virgin Islands | 0 |
| Negocios | 800 | Cayman Islands | 0 |
| Centros de Salud/Hospitales | 0 | Colombia | 1 |
| 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 | 12 |
| Organizaciones de Preparación y Respuesta | 133 | Dominica | 0 |
| Iglesias/instituciones denominacionales | 0 | Dominican Republic | 15 |
| Museos, Bibliotecas, Parques, etc. | 0 | France | 0 |
| Clubes de voluntarios/servicio | 1 | Grenada | 0 |
| 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 |



Esta tabla muestra los totales de participación por categoría para el TsunamiZone de 2020. Haga clic en una categoría para ver los participantes que optaron incluirse.

El total de participantes por condado está disponible [más adelante](#).

Estos totales son actuales a partir de 14.01.2020 11:35 AM PST.

| Categoría | Participantes |
|--|---------------|
| Total: | 239 |
| Individuos/Familias | 17 |
| Cuido de niños y Pre-escolares | 0 |
| Escuelas K-12 | 0 |
| Organizaciones para la Juventud | 0 |
| Universidades/colegios comunitarios | 0 |
| Tribus | 0 |
| Gobierno Federal (Incluidos Los Militares) | 0 |
| Gobierno Estatal | 0 |
| Gobierno Municipal | 0 |
| Grupos Comunitarios/Urbanizaciones | 0 |
| Negocios | 0 |
| Centros de Salud/Hospitales | 0 |
| Centros Geriátricos/Comunidad de Personas de Edad Avanzada | 0 |
| Agencias de atención a incapacitados | 0 |
| Organizaciones sin Fines de Lucro | 100 |
| Organizaciones de Preparación y Respuesta | 121 |
| Iglesias/instituciones denominacionales | 0 |
| Museos, Bibliotecas, Parques, etc. | 0 |
| Clubes de voluntarios/servicio | 1 |
| Albergues para animales/veterinarios | 0 |
| Agricultura/Ganadería | 0 |
| Voluntarios de Grupos Radiales | 0 |
| Organizaciones de Ciencia e Ingeniería | 0 |
| Radio/televisión/prensa/internet | 0 |
| Otro | 0 |

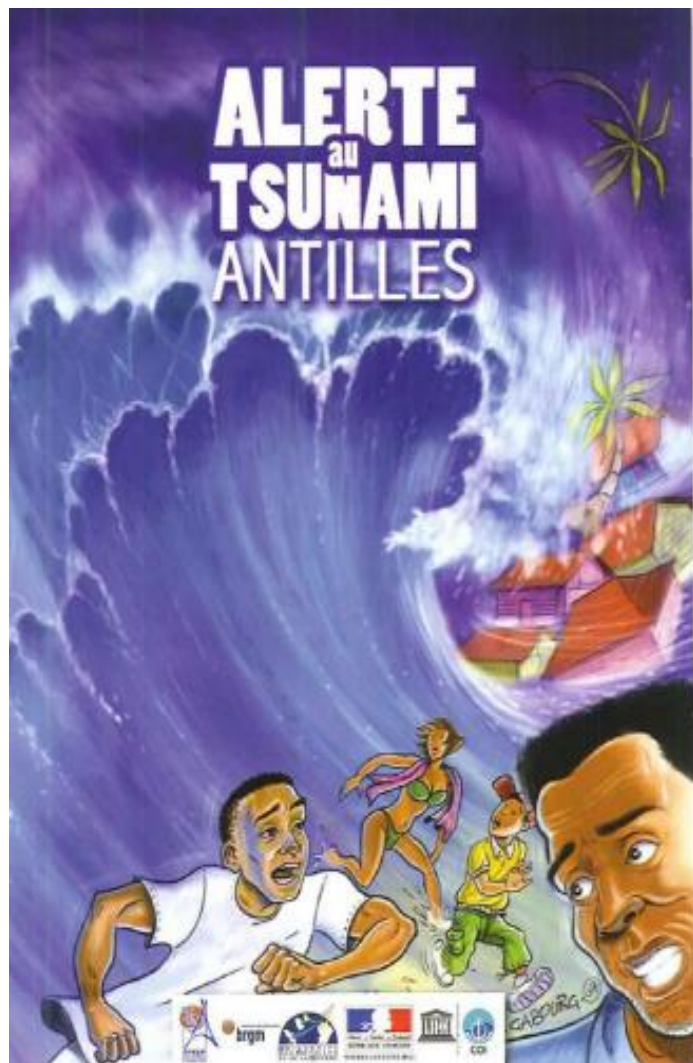
Recursos

- Manuales IOC “[How to plan, conduct and evaluate tsunami exercises](#)” y “[Module on Tsunami Exercise](#)” son recursos útiles. (Inglés y Español).
- Manuales CARIBE WAVE 2011 hasta 2020.
- Informe Final CARIBE WAVE 2013 hasta 2019.
- Plan de Comunicaciones de PTWC para el Caribe.
- Disponible en www.caribewave.info
- Preguntas sobre el ejercicio pueden ser dirigidas a los miembros del Equipo de Trabajo Caribe Wave 20.

Información Adicional

- Materiales adicionales serán colocados en las páginas de CTWP (www.caribewave.info).
- Enviar enlaces de paginas nacionales a christa.vonh@noaa.gov para incluir en la página del CTWP.
- Esta presentación está disponible en la pagina del CTWP (<https://www.weather.gov/ctwp/caribewave20>).

Guía Metodológicas (Borrador): Como preparar, conducir y evaluar un ejercicio de respuesta a la comunidad basado en un tsunami



- Esta guía es recomendada para que los Estados Miembros consideren los ejercicios de Caribe Wave.
- Proporciona líderes comunitarios para realizar y evaluar un ejercicio de evacuación causado por un tsunami con metodología y herramientas.
- Es particularmente relevante para cuerpos que estarían directamente expuestos a los efectos de un tsunami como el gobierno local, escuelas, asociaciones y empresas.
- Esta guía tiene como objetivo fomentar una cultura compartida de ejercicios para desarrollar entre las autoridades municipales encargadas de garantizar la seguridad de las personas que viven en su área y los líderes de la comunidad-partes interesadas en la vida social y económica de la zona.
- Guía disponible en inglés y francés http://www.ioc-tsunami.org/index.php?option=com_oa&task=viewDocumentRecord&docID=19139

Caribe Wave 20 Equipo de Trabajo

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Cronología

| ACCIÓN | FECHA LÍMITE |
|--|--|
| Carta Circular Emitida por el IOC a los MS | ✓Septiembre 2019 |
| Borrados del Manual Circulado entre ICG CARIBE EWS TNC/TWFP y TT CARIBE WAVE 20 | ✓Noviembre 2019 |
| Fecha límite para comentarios | ✓Diciembre 2019 |
| Manual de Ejercicios Disponible en Línea | ✓Diciembre 2019 |
| 1^{er} Seminario en línea de CW | 21 Enero 2020 - Inglés 22 Enero 2020 - Español 23 Enero 2020 – Francés |
| 2^{do} Seminario en línea de CW | 26 Febrero 2020 - Inglés 27 Febrero 2020 - Español 28 Febrero 2020 – Francés |
| Los Países Indican el Escenario Seleccionado | 6 Marzo 2020 |
| Ejercicio | 19 Marzo 2020 |
| Plazo para Evaluación del Ejercicio | 3 Abril 2020 |
| Reporte Final Caribe Wave 20 10 Abril 2020 | |

Preguntas, Comentarios

¡Gracias por su participación!

christa.vonh@noaa.gov