



Premier Webinaire

Christa G. von Hillebrandt-Andrade
NOAA NWS Programme d'Alerte aux Tsunamis des Caraïbes
Service National de Météorologie- Directrice
ICG CARIBE EWS Chair
25 janvier 2018

CARIBE WAVE 2017

- 32 pays et 15 territoires dans les Caraïbes et régions adjacentes ont participé à cet exercice avec un total de près de 679,985 personnes se sont enregistrées.
 - Cela a représenté une taux de participation de un 102% (plus qu'en le 2016 et 2015, 98% dans 2014, 94% dans 2013, 75% dans 2011).



Objectifs

1. Exercer et évaluer les opérations de l'actuel Système d'alerte aux tsunamis de la région CARIBE-EWS.

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

2. Évaluer l'usage des produits du PTWC CARIBE EWS.

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

Objectifs

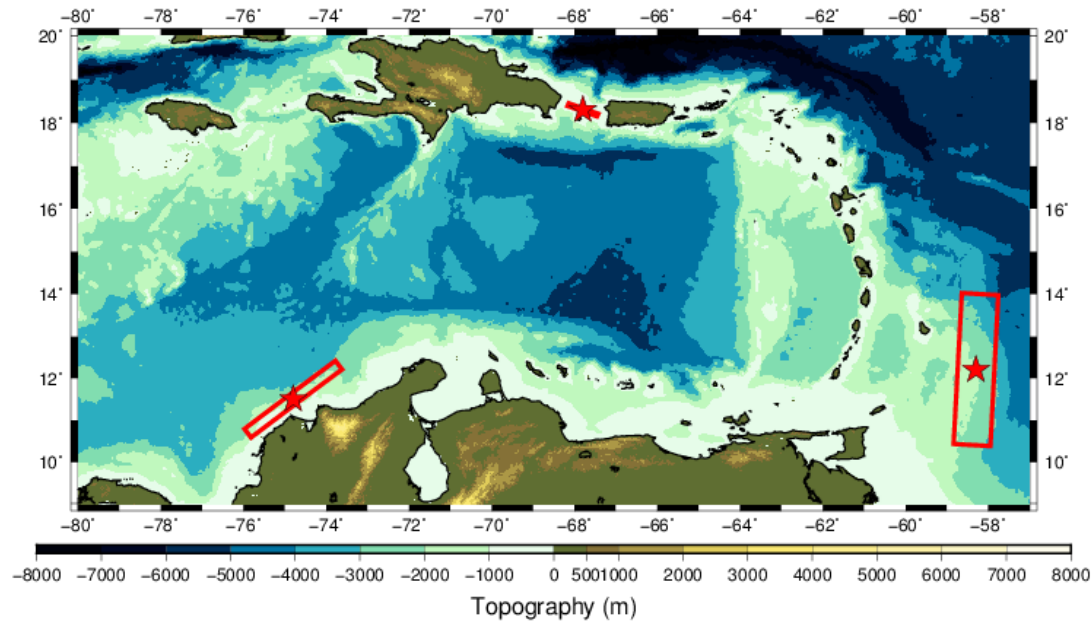
| Objectifs | Résultat 2013 | Métrique 2014 | Résultat 2015 | Métrique 2015 | Résultat 2015 | Métrique 2016 | Résultat 2016 | Métrique 2017 | Résultat 2017 | Métrique 2018 |
|--|---------------|---------------|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participation des états membres du ICG CARIBE EWS avec des points focaux d'alerte aux tsunamis | 94% | 95% | 98% (compris les deux MS/Territoires non officiels) | 95% | 100% | 100% | 100% | 100% | 100% | 100% |
| Respect de la chronologie | près 100% | 100% | près 100% | 100% | près 100% | 100% | près 100% | 100% | près 100% | 100% |
| Participation de la communauté (au-delà de TWFP) | 75% | 75% | 75% | 80% | 66% | 85% | 73% | 90% | 82% | 95% |
| Nombre du participants | 44,000 | +10% | 191,000 | +10% | 191,420 | +10% | 332,814 | +10% | 747,326 | +10% |
| TWP reçoit le message fictif | 98% | 100% | 94% | 100% | 90% | 100% | 84% | 100% | 95% | 100% |
| Pays soumettant le questionnaire sur l'exercice. | 90% | 100% | 100% | 100% | 91% | 100% | 100% | 100% | 100% | 100% |

Manuel de l'Exercice

- Disponible en ligne en anglais sur le lien suivant:
www.caribewave.info
- Il comprend:
 - La description du tsunami et du séisme de chaque scénario
 - Le calendrier
 - Le message "dummy" initial et des messages de menaces simulées
 - Le temps estimé de trajet et l'amplitude attendue des vagues
 - Le lien vers le questionnaire d'évaluation

CARIBE WAVE 18

Carte Scénarios

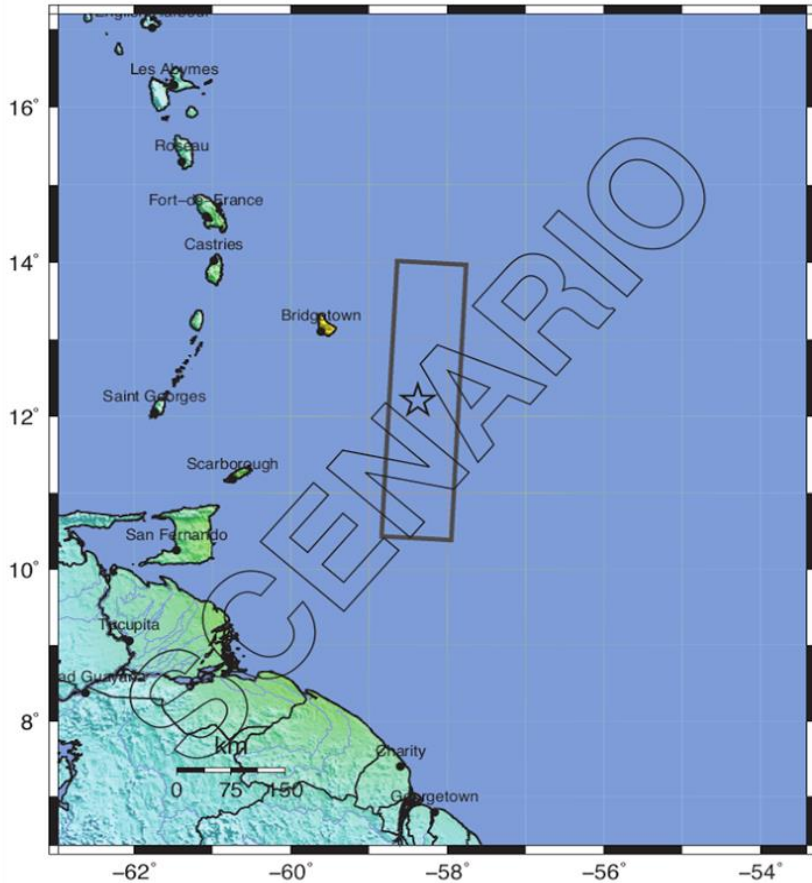


| Scène | Temps d'origine | Mw | Épicentre |
|-------------|---------------------------|-----|-----------------|
| Barbados | 14:00:00 UTC 15 mars 2018 | 8.6 | 12.20°, -58.30° |
| Colombia | | 8.1 | 11.5°, -74.8° |
| Puerto Rico | | 7.6 | 18.3°, -67.8° |

Scénario d'impact sismique Barbados

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

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



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

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

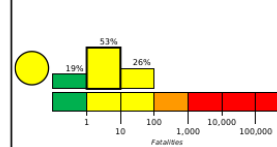
Scale based upon Worden et al. (2012)



M 8.6, Barbados Scenario

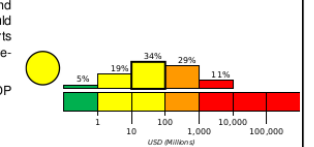
Origin Time: 2018-03-15 14:00:00 UTC (Thu 10:00:00 local)
Location: 12.2051° N 58.3792° W Depth: 20.9 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Estimated Fatalities



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

Estimated Economic Losses



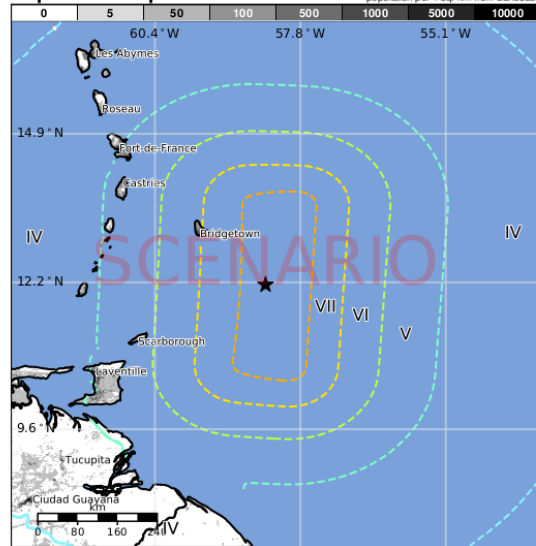
Estimated economic losses are 0-4% GDP of Barbados.

Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=x1000) | -* | 39k* | 2,846k* | 1,727k | 150k | 143k | 0 | 0 | 0 |
|---|-----------------------|--------|---------|----------|----------|-------------|------------|------------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

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

Selected City Exposure

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

bold cities appear on map.

(k=x1000)

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

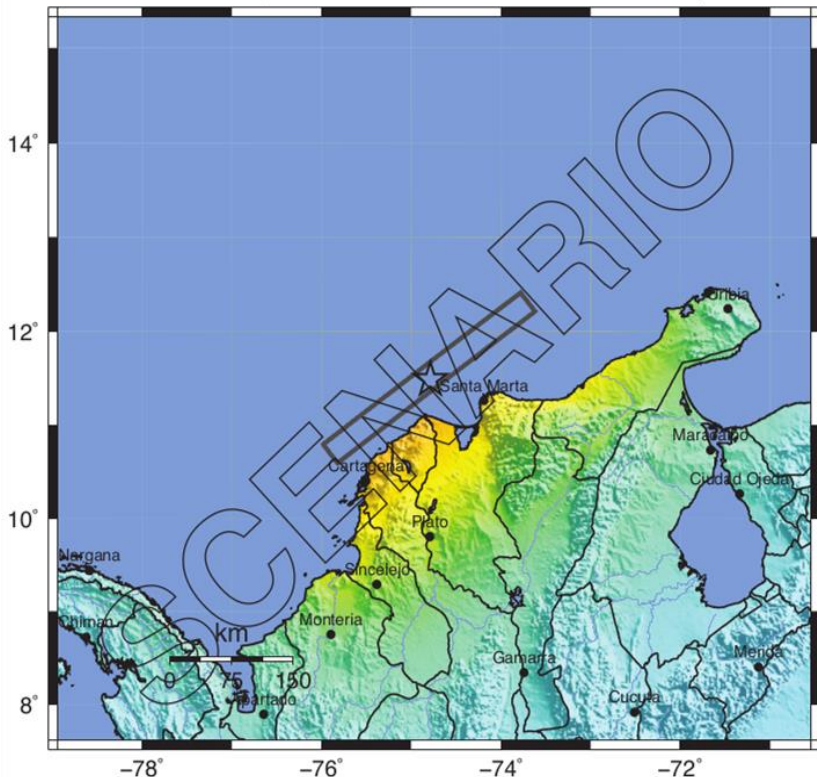
Event ID: uscaribewave2018.barbados.se

Scénario d'impact sismique Colombia

--- Earthquake Planning Scenario ---

ShakeMap for Colombia Scenario

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



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

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

Scale based upon Worden et al. (2012)



Earthquake Shaking **Red Alert**

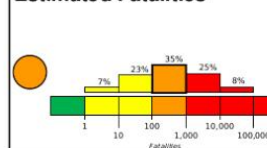


PAGER Version 1

M 8.1, Colombia Scenario

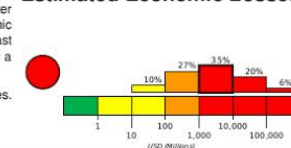
Origin Time: 2018-03-15 14:00:00 UTC (Thu 09:00:00 local)
Location: 11.4820° N 74.7871° W Depth: 17.6 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Estimated Fatalities



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

Estimated Economic Losses

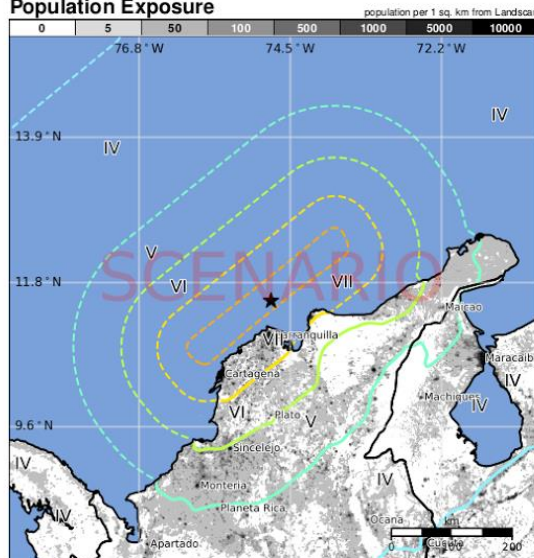


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=×1000) | --- | 1,579k* | 8,563k* | 3,515k | 1,169k | 4,338k | 0 | 0 | 0 |
|---|-----------------------|---------|---------|----------|----------|-------------|------------|------------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall with wood and ductile reinforced concrete frame construction.

Historical Earthquakes

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

Selected City Exposure

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

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

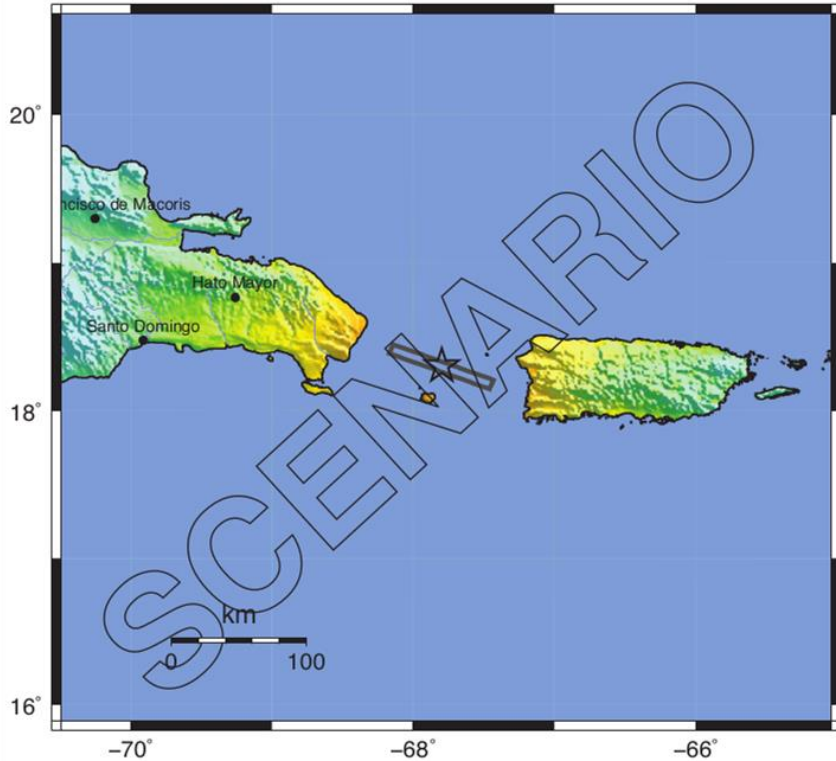
bold cities appear on map. (k=×1000)

Event ID: uscaribewave2018.colombia.se

Scénario d'impact sismique Puerto Rico

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

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



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

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

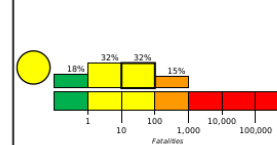
Scale based upon Worden et al. (2012)



M 7.6, Puerto Rico Scenario

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

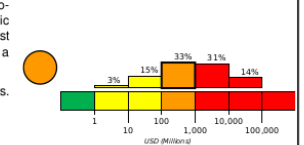
Estimated Fatalities



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

Yellow alert for shaking-related fatalities. Some casualties are possible.

Estimated Economic Losses

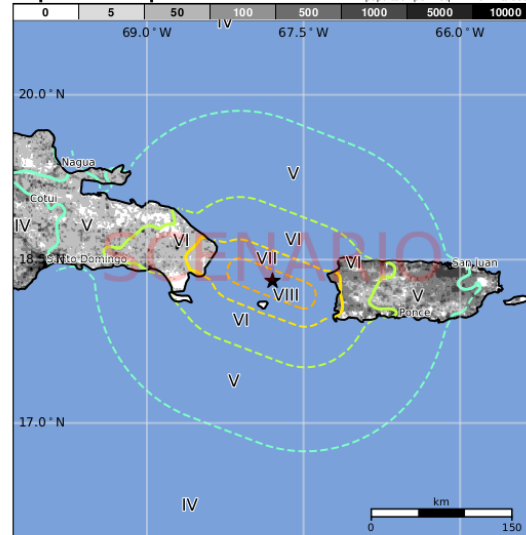


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (x=1000) | -* | -* | 1,031k* | 7,558k | 1,838k | 290k | 0 | 0 | 0 | |
|--|-----------------------|--------|---------|----------|----------|-------------|------------|------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ | |
| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme | |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are concrete/cinder block masonry and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1979-03-23 | 140 | 6.6 | VI(605k) | 0 |
| 2003-09-22 | 344 | 6.4 | IX(132k) | 1 |
| 1984-06-24 | 169 | 6.7 | VII(326k) | 5 |

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

Selected City Exposure

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

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

bold cities appear on map. (k=x1000)
Event ID: [uscaribewave2018.puerto.rico.sc](https://doi.org/10.7927/H4TJ-6Q94)

Produits PTWC

Pour Caribe Wave 18, le PTWC émettra les produits suivants:

- Le message dummy initial pour les trois scénarios sera émis le 15 mars 2018 à 1400 UTC et diffusé sur tous ses canaux de diffusion standards.
- Le PTWC affichera un message de début d'exercice sur son compte Twitter à 1400 UTC.
- As of 1405 UTC, PTWC emails will be sent with all the simulated enhanced products (text and graphical) to the designated CARIBE EWS, TWFP and NTWC for one of the scenarios.
- D'ici le 2 mars 2018, chaque État membre doit sélectionner un scénario et en informer le PTWC (charles.mccreery@noaa.gov et cindi.preller@noaa.gov) avec copie au Programme d'alerte aux tsunamis des Caraïbes (christa.vonh@noaa.gov). Si l'État membre n'informe pas le PTWC et le CTWP, les organisateurs décideront pour quel scénario le PTWC enverra les produits.
- Chaque pays et territoire choisira un scénario et décidera si et comment diffuser les messages dans sa zone de responsabilité.
Pour vérifier la liste actuelle des UNESCO CARIBE EWS TWFP et NTWC officiellement désignés par l'UNESCO, consultez:

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

Username: tsunami pwd: bigwave

CARIBE WAVE 18 Scénarios par État member/territoire

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

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

Appendix E. TWC Dummy (Start of Exercise) Messages

PTWC

Centre

WECA41 PHEB 151400

WMO ID

TSUCAX

AWIPS ID

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

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

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

THIS IS ONLY AN EXERCISE.

\$\$

Le message du début de l'exercice CARIBE WAVE 18 seront envoyés par les compte Twitter de PTWC

Les utilisateurs avec des fournisseurs de téléphones portables aux Etats-Unis peuvent recevoir des messages texte, si vous envoyez:

“Follow NWS_PTWC” au **40404** (Tuit messages PTWC)

et

“Follow NWS_CTWP” au **40404** (Seulement messages PTWC pour les Caraïbes et régions adjacentes)

“This is a test message for CARIBEWAVE 18 tsunami exercise #CaribeWave” (Il sera diffusé à 14h00 comptes UTC / abonnés NWS_PTWC et NWS_CTWP)

Barbados Scénario

Chronologie des Messages par PTWC Barbados

| Date | Heure (UTC) | PTWC | |
|---------|-------------|---|------------------------------------|
| | | Type de produit | Méthode de transmission |
| 3/15/18 | 1400 | - - - - Le séisme se produit- - - - | |
| 3/15/18 | 1400 | Dummy | NWWS, GTS, EMWIN, AISR, Fax, Email |
| 3/15/18 | 1405 | Menace de Tsunami Message #1 | Email |
| 3/15/18 | 1425 | Menace de Tsunami Message #2 et Product Graphique Améliore | Email |
| 3/15/18 | 1500 | Menace de Tsunami Message #3 | Email |
| 3/15/18 | 1600 | Menace de Tsunami Message #4 | Email |
| 3/15/18 | 1700 | Menace de Tsunami Message #5 | Email |
| 3/15/18 | 1800 | Menace de Tsunami Message #6 | Email |
| 3/15/18 | 1900 | Menace de Tsunami Message #7 | Email |
| 3/15/18 | 2000 | Menace de Tsunami Message #8 | Email |
| 3/15/18 | 2100 | Menace de Tsunami Message #9 | Email |

PTWC Message #1

WECA41 PHEB 151405

WMO ID

TSUCAX

AWIPS ID

Tsunami MESSAGE NUMBER 1

NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

1405 UTC THU MAR 15 2018

...TSUNAMI THREAT MESSAGE...

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

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

EVALUATION

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

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

TEST... TSUNAMI THREAT FORECAST ...TEST

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

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

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.

* THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

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

* THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THE REGION IDENTIFIED WITH A POTENTIAL TSUNAMI THREAT. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

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

TEST... POTENTIAL IMPACTS ...TEST

* THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.

* THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.

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

* THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

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

* THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

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

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NNNN

PTWC Message #2

ZCZC
WECA41 PHEB 151425
TSUCAX

← WMO ID

← AWIPS ID

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

...TEST TSUNAMI THREAT MESSAGE TEST..

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

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

EVALUATION

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

* THIS IS A TEST MESSAGE. TSUNAMI WAVES HAVE BEEN OBSERVED.

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... HAZARDOUS TSUNAMI WAVES ARE FORECAST FOR SOME COASTS.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING MORE THAN 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF FRENCH GUYANE... GUYANA... SURINAME... BARBADOS... DOMINICA... GRENADA... GUADELOUPE... MARTINIQUE... SAINT LUCIA... SAINT VINCENT AND THE GRENADINES... AND TRINIDAD AND TOBAGO.
* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 1 TO 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF VENEZUELA... ANTIGUA AND BARBUDA... ARUBA... CURACAO... MONTSERRAT... PUERTO RICO AND VIRGIN ISLANDS... SABA AND SAINT EUSTATIUS... AND SAINT KITTS AND NEVIS.
* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 0.3 TO 1 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE FOR SOME COASTS OF BRAZIL... COLOMBIA... DOMINICAN REPUBLIC... HAITI... ANGUILLA... BERMUDA... BONAIRE... JAMAICA... SAINT BARTHELEMY... SINT MAARTEN... AND SAINT MARTIN.

* THIS IS A TEST MESSAGE. ACTUAL AMPLITUDES AT THE COAST MAY VARY FROM FORECAST AMPLITUDES DUE TO UNCERTAINTIES IN THE FORECAST AND LOCAL FEATURES. IN PARTICULAR MAXIMUM TSUNAMI AMPLITUDES ON ATOLLS OR SMALL ISLANDS AND AT LOCATIONS WITH FRINGING OR BARRIER REEFS WILL LIKELY BE MUCH SMALLER THAN THE FORECAST INDICATES.

* THIS IS A TEST MESSAGE. FOR ALL OTHER AREAS COVERED BY THIS MESSAGE... THERE IS NO TSUNAMI THREAT ALTHOUGH SMALL SEA LEVEL CHANGES MAY OCCUR.

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.

* THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

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

* THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THREATENED REGIONS ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

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

TEST... POTENTIAL IMPACTS ...TEST

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- * THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

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

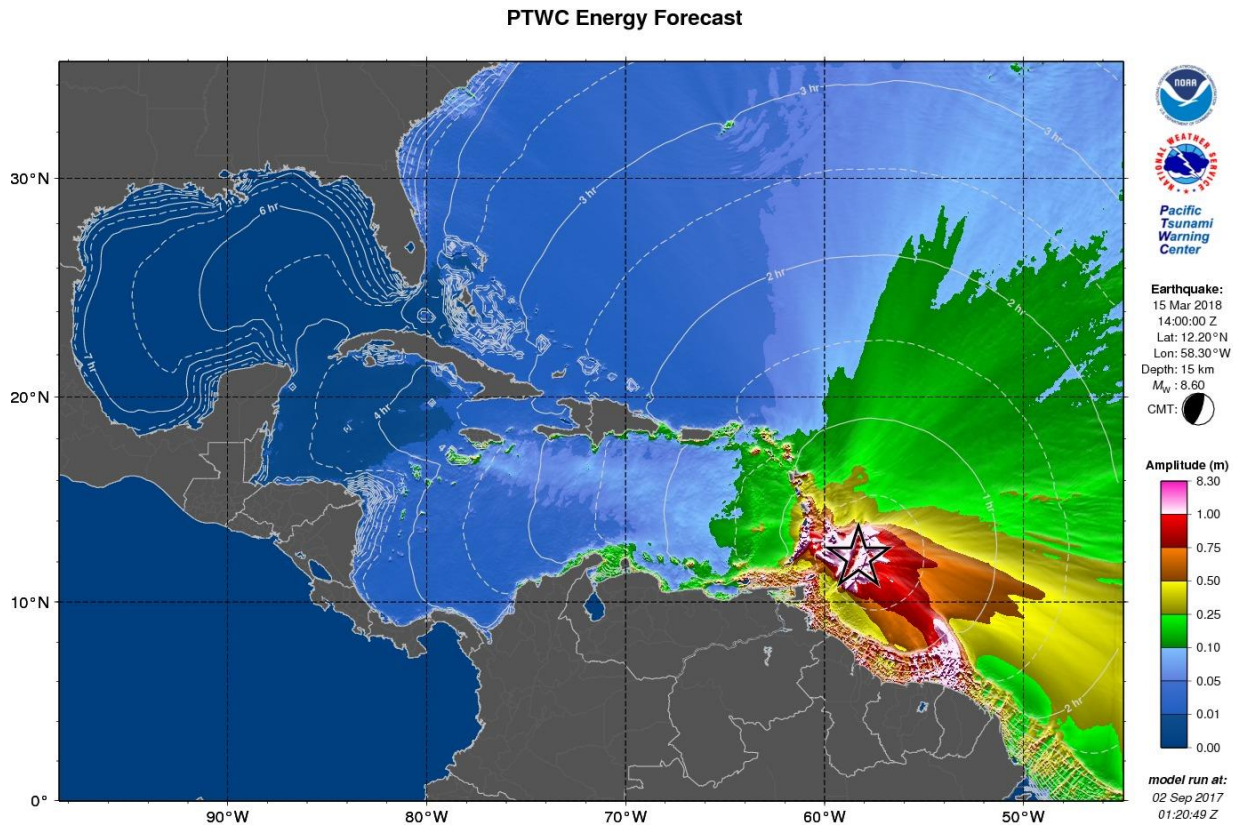
- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
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NNNN

Prévision des hauteurs de vagues Barbados

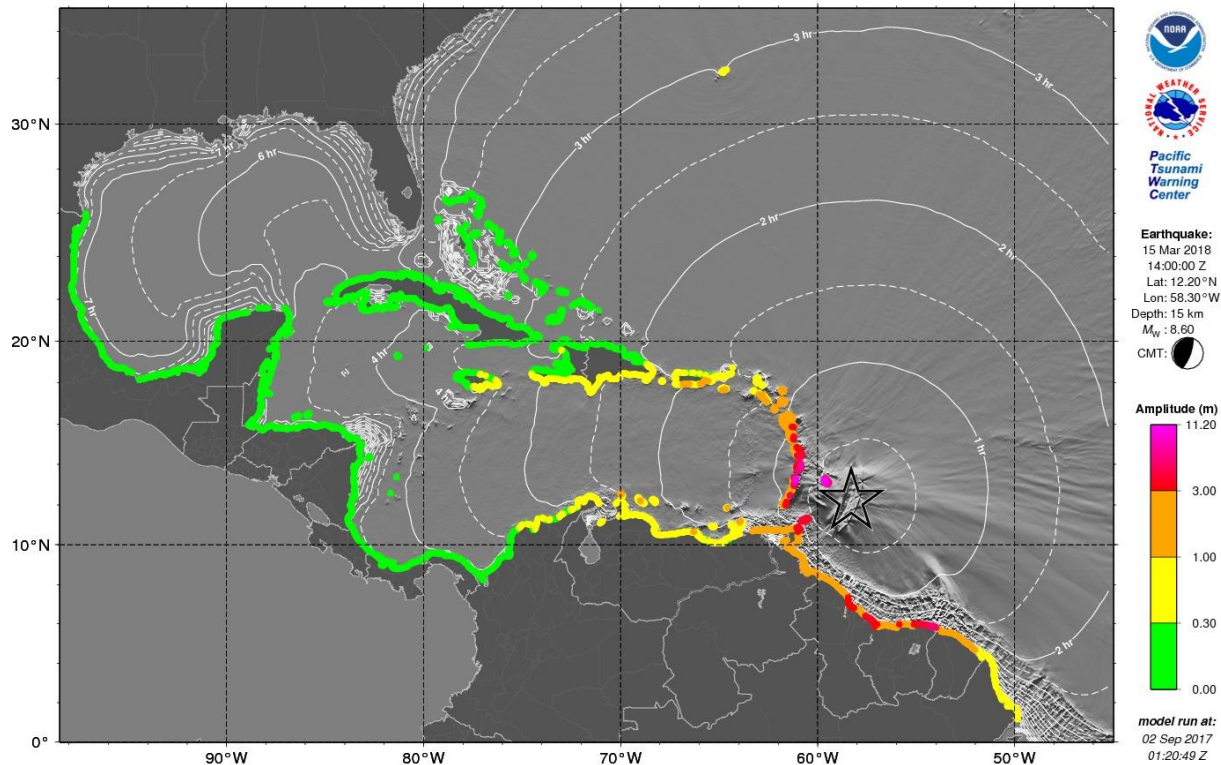


Carte RIFT avec l'amplitude maximale du tsunami basé sur le scénario du Barbados.

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

Prévision des hauteurs de vagues Barbados

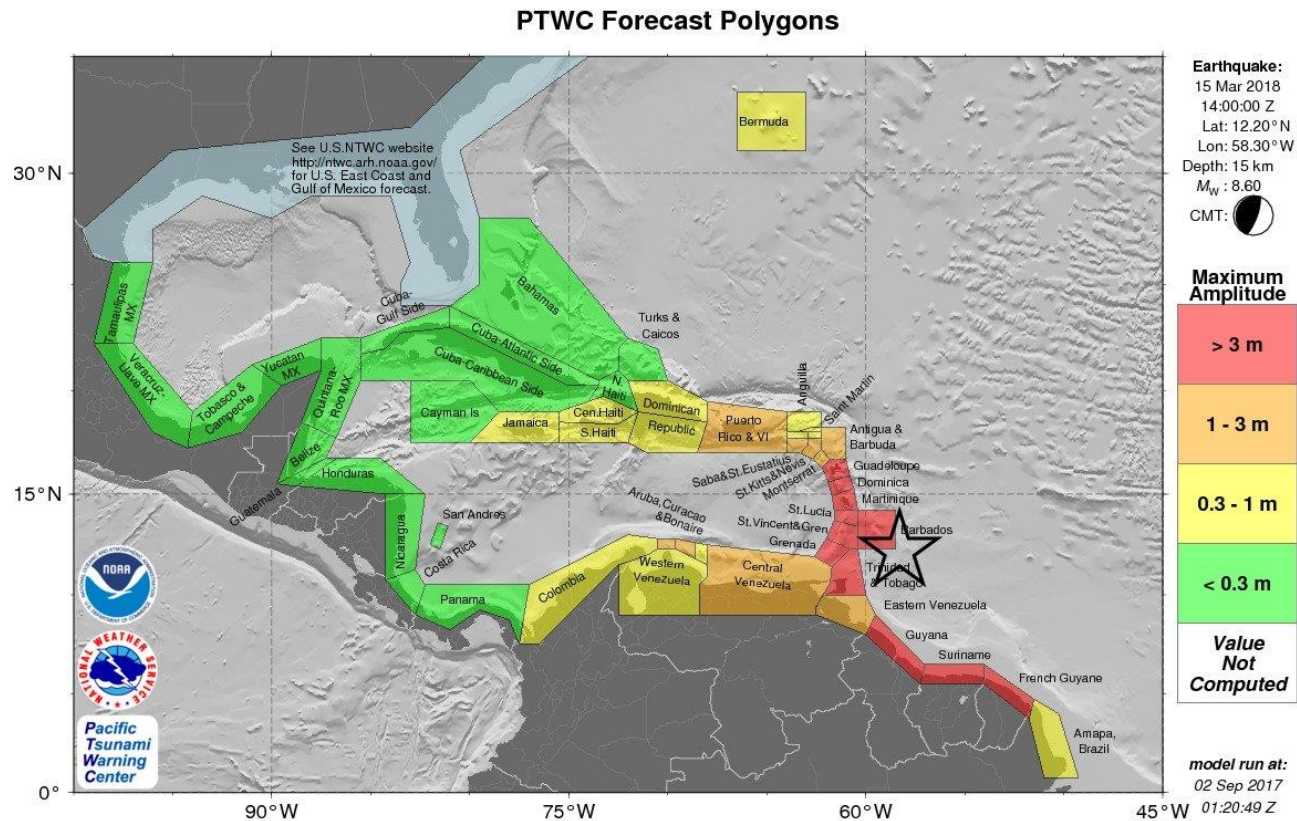
PTWC Coastal Forecast



Carte RIFT avec l'amplitude maximale du tsunami base du scénario du Barbados.

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

Prévision des hauteurs de vagues Barbados

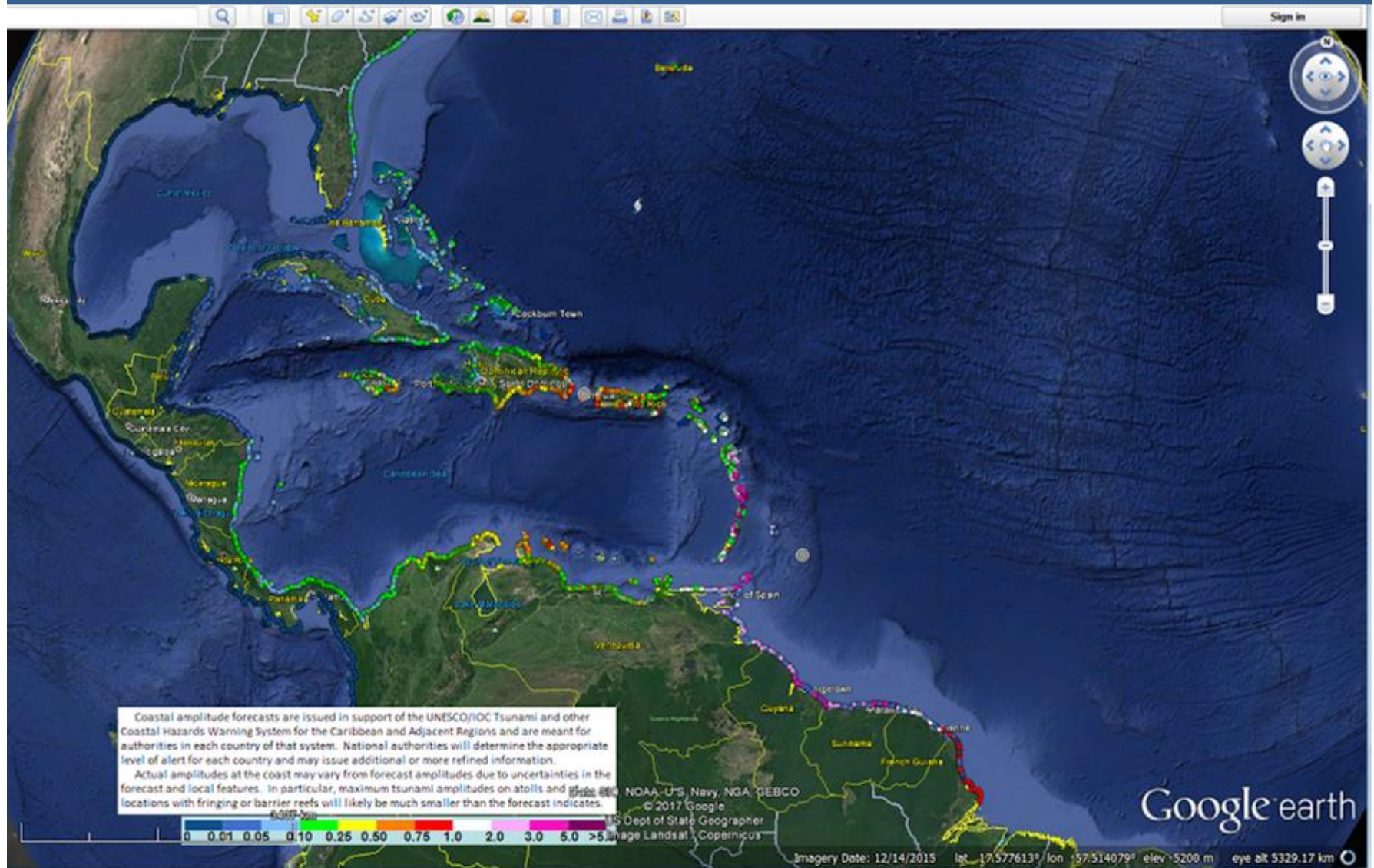


Carte RIFT prévisions de polygone de la région pour le scénario du Barbados.

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

KMZ

Barbados



Statistiques prévisionnelles des polygones régionaux*

Barbados

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

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

PTWC Message #9

ZCZC

WECA41 PHEB 152100

← WMO ID

TSUCAX ← AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 9...TEST

NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

2100 UTC THU MAR 15 2018

...TEST FINAL TSUNAMI THREAT MESSAGE TEST...

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

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

EVALUATION

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

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... THE TSUNAMI THREAT FROM THIS EARTHQUAKE HAS PASSED AND THERE IS NO FURTHER THREAT.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

THE TSUNAMI THREAT HAS NOW LARGELY PASSED.

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR ANY IMPACTED COASTAL AREAS SHOULD MONITOR CONDITIONS AT THE COAST TO DETERMINE IF AND WHEN IT IS SAFE TO RESUME NORMAL ACTIVITIES.

* THIS IS A TEST MESSAGE. PERSONS LOCATED NEAR IMPACTED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM LOCAL AUTHORITIES.

* THIS IS A TEST MESSAGE. REMAIN OBSERVANT AND EXERCISE NORMAL CAUTION NEAR THE SEA.

TEST... POTENTIAL IMPACTS ...TEST

* THIS IS A TEST MESSAGE. MINOR SEA LEVEL FLUCTUATIONS UP TO 30 CM ABOVE AND BELOW THE NORMAL TIDE MAY OCCUR IN COASTAL AREAS NEAR THE EARTHQUAKE OVER THE NEXT FEW HOURS.... AND CONTINUING FOR UP TO SEVERAL HOURS.

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

* THIS IS A TEST MESSAGE. THIS WILL BE THE FINAL STATEMENT ISSUED FOR THIS EVENT UNLESS NEW INFORMATION IS RECEIVED OR THE SITUATION CHANGES.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

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

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NNNN

Colombia Scénario

Chronologie des Messages par PTWC Colombia

| Date | Heur (UTC) | PTWC | |
|---------|------------|---|------------------------------------|
| | | Type de produit | Méthode de transmission |
| 3/15/18 | 1400 | - - - - Le séisme se produit- - - - | |
| 3/15/18 | 1400 | Dummy | NWWS, GTS, EMWIN, AISR, Fax, Email |
| 3/15/18 | 1405 | Menace de Tsunami Message #1 | Email |
| 3/15/18 | 1425 | Menace de Tsunami Message #2 et Product Graphique Améliore | Email |
| 3/15/18 | 1500 | Menace de Tsunami Message #3 | Email |
| 3/15/18 | 1600 | Menace de Tsunami Message #4 | Email |
| 3/15/18 | 1700 | Menace de Tsunami Message #5 | Email |
| 3/15/18 | 1800 | Menace de Tsunami Message #6 | Email |
| 3/15/18 | 1900 | Menace de Tsunami Message #7 | Email |
| 3/15/18 | 2000 | Menace de Tsunami Message #8 | Email |
| 3/15/18 | 2100 | Menace de Tsunami Message #9 | Email |

PTWC Message #1

ZCZC

WECA41 PHEB 151405

← WMO ID

TSUCAX

← AWIPS ID

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

NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

1405 UTC THU MAR 15 2018

TEST TSUNAMI THREAT MESSAGE TEST

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

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

EVALUATION

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

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

TEST... TSUNAMI THREAT FORECAST ...TEST

* THIS IS A TEST MESSAGE. HAZARDOUS TSUNAMI WAVES FROM THIS EARTHQUAKE ARE POSSIBLE WITHIN THE NEXT THREE HOURS ALONG SOME COASTS OF
COLOMBIA... PANAMA... HAITI... ARUBA... SAN ANDRES
PROVID... BONAIRE... DOMINICAN REP... CUBA... COSTA
RICA... JAMAICA... CURACAO... PUERTO RICO... US VIRGIN
IS... CAYMAN ISLANDS... BAHAMAS... VENEZUELA... TURKS N
CAICOS... SABA... SAINT KITTS... MONTERRAT... SINT
EUSTATIUS... GUADELOUPE... DOMINICA... BR VIRGIN IS...
SAINT LUCIA... SINT MAARTEN... SAINT VINCENT...
MARTINIQUE... NICARAGUA... ANGUILLA... GRENADA... SAINT
MARTIN... BARBADOS... SAINT BARTHELEMY... ANTIGUA...
MEXICO... HONDURAS AND BARBUDA

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.

* THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

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

* THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THE REGION IDENTIFIED WITH A POTENTIAL TSUNAMI THREAT. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

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

TEST... POTENTIAL IMPACTS ...TEST

* 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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PTWC Message #2

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

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

TEST TSUNAMI THREAT MESSAGE TEST

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

TEST...PRELIMINARY EARTHQUAKE PARAMETERS...TEST

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

TEST... EVALUATION ...TEST

- * THIS IS A TEST MESSAGE. AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.1 OCCURRED NEAR THE NORTH COAST OF COLOMBIA AT 1400 UTC ON THURSDAY MARCH 15 2018.
- * THIS IS A TEST MESSAGE. TSUNAMI WAVES HAVE BEEN OBSERVED.
- * THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... HAZARDOUS TSUNAMI WAVES ARE FORECAST FOR SOME COASTS.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

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

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

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

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

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

- * THIS IS A TEST MESSAGE. ACTUAL AMPLITUDES AT THE COAST MAY VARY FROM FORECAST AMPLITUDES DUE TO UNCERTAINTIES IN THE FORECAST AND LOCAL FEATURES. IN PARTICULAR MAXIMUM TSUNAMI AMPLITUDES ON ATOLLS OR SMALL ISLANDS AND AT LOCATIONS WITH FRINGING OR BARRIER REEFS WILL LIKELY BE MUCH SMALLER THAN THE FORECAST INDICATES.

- * THIS IS A TEST MESSAGE. FOR ALL OTHER AREAS COVERED BY THIS MESSAGE... THERE IS NO TSUNAMI THREAT ALTHOUGH SMALL SEA LEVEL CHANGES MAY OCCUR.

TEST... RECOMMENDED ACTIONS ...TEST

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

* 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

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

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

TEST... POTENTIAL IMPACTS ...TEST

* THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.

* THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.

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

* THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

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

* THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

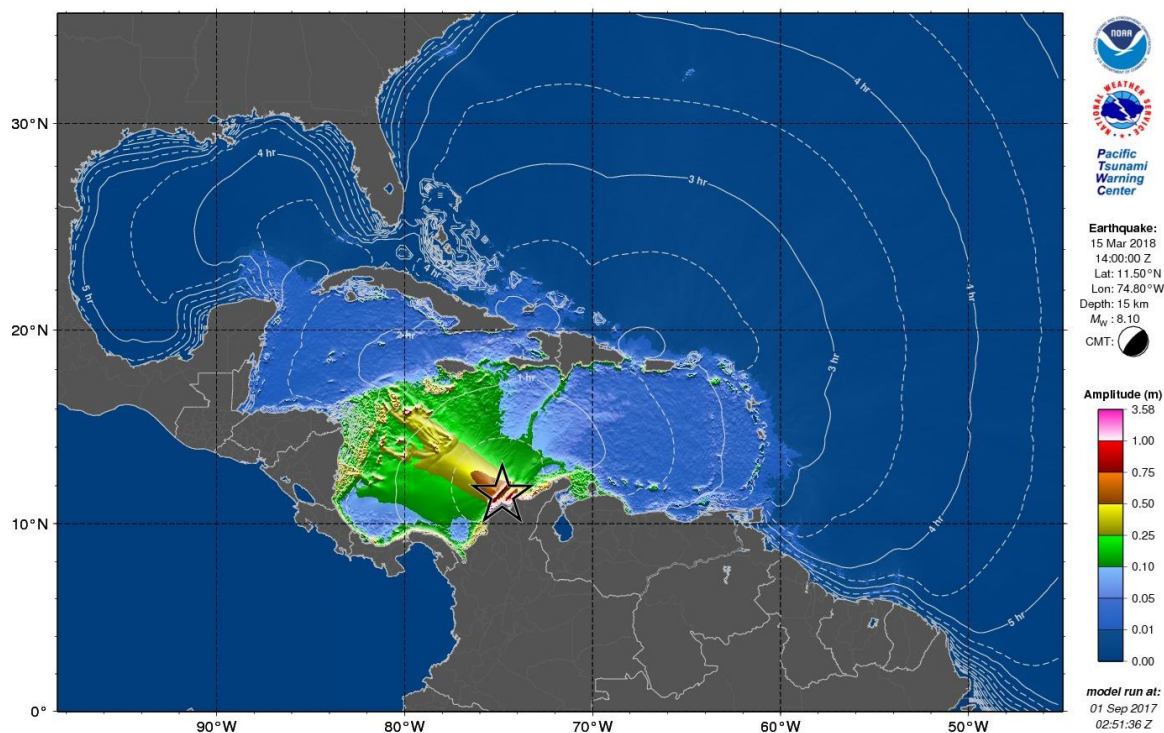
THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

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NNNN

Prévision des hauteurs de vagues Colombia

PTWC Energy Forecast

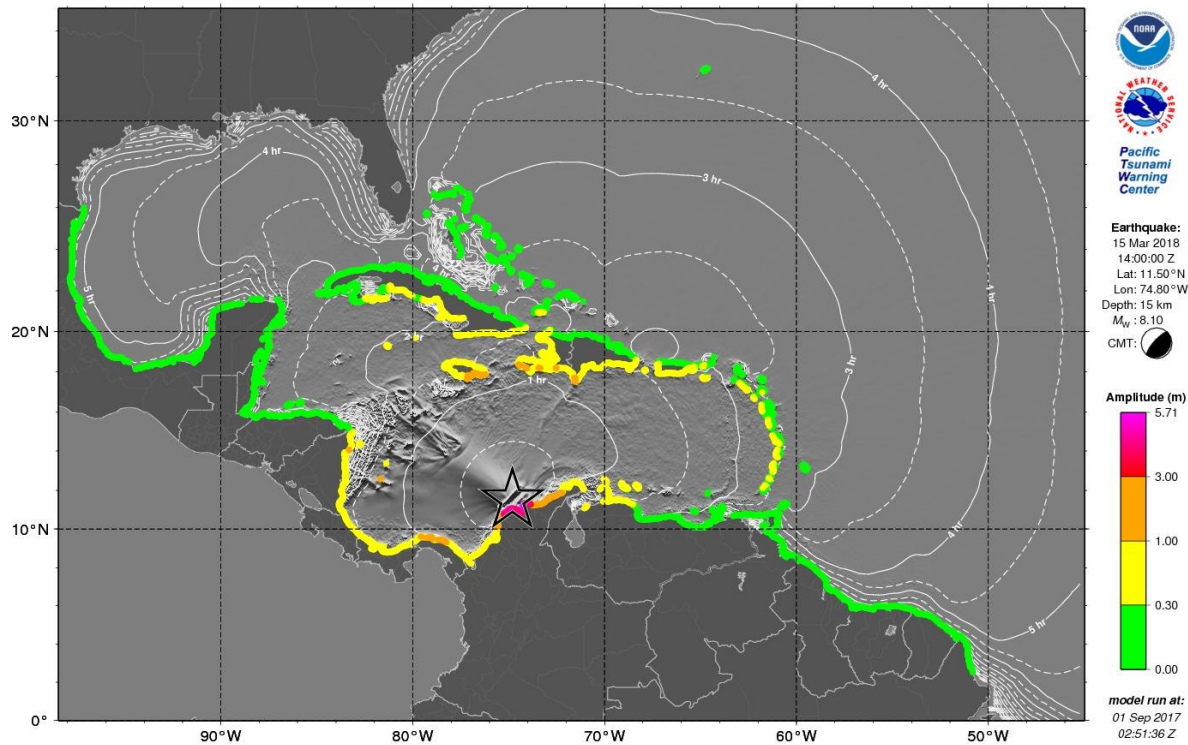


Carte RIFT avec l'amplitude maximale du tsunami sur la base du scénario de Colombia.

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

Prévision des hauteurs de vagues Colombia

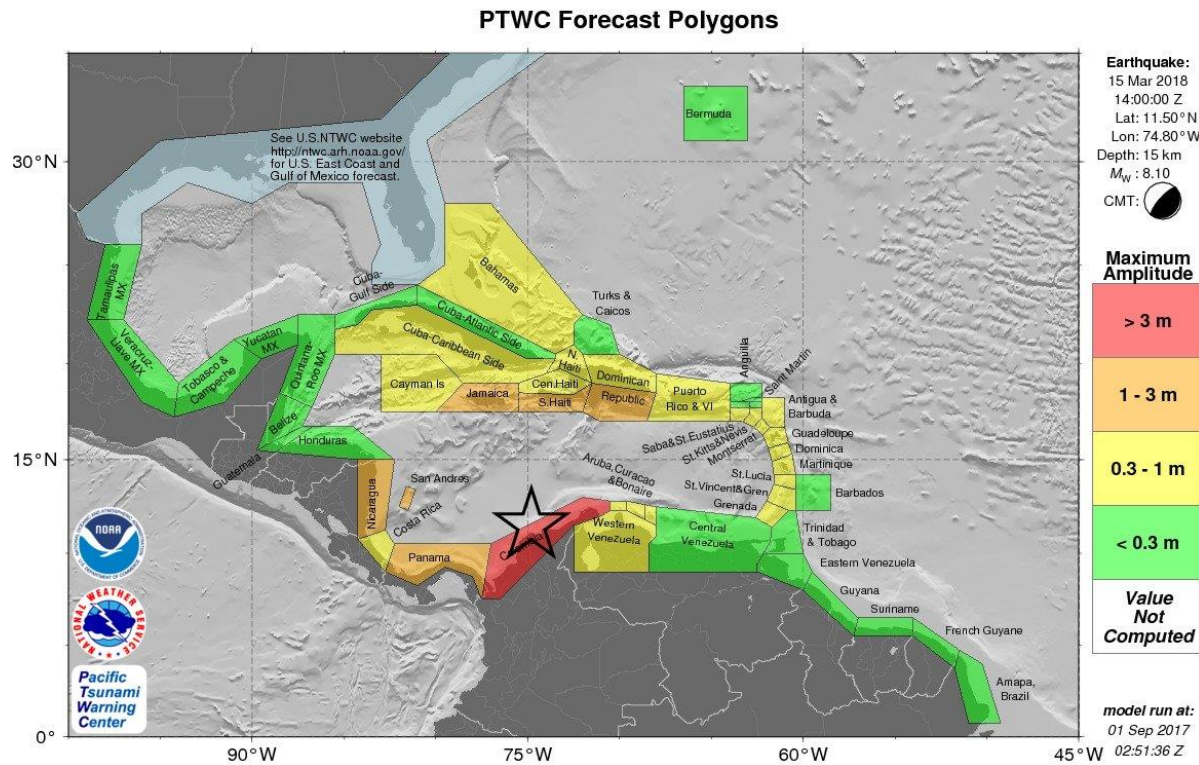
PTWC Coastal Forecast



Carte RIFT avec l'amplitude maximale du tsunami sur la base du scène de Colombia.

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

Prévision des hauteurs de vagues Colombia



Carte RIFT prévisions de polygone de la région pour le scénario de Colombia.

Lors d'un événement réel ce produits sont disponibles uniquement à l'officiallement désigné points focaux d'alerte aux tsunamis, et Contacts Nationaux Tsunami.

KMZ Colombia



Statistiques prévisionnelles des polygones régionaux*

Colombia

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

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

PTWC Message #9

ZCZC
WECA41 PHEB 152100
TSUCAX



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

TEST FINAL TSUNAMI THREAT MESSAGE TEST

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

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

TEST... EVALUATION ...TEST

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

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... THE TSUNAMI THREAT FROM THIS EARTHQUAKE HAS PASSED AND THERE IS NO FURTHER THREAT.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

* THIS IS A TEST MESSAGE. THE TSUNAMI THREAT HAS NOW LARGELY PASSED

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR ANY IMPACTED COASTAL AREAS SHOULD MONITOR CONDITIONS AT THE COAST TO DETERMINE IF AND WHEN IT IS SAFE TO RESUME NORMAL ACTIVITIES.

* THIS IS A TEST MESSAGE. PERSONS LOCATED NEAR IMPACTED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM LOCAL AUTHORITIES.

* THIS IS A TEST MESSAGE. REMAIN OBSERVANT AND EXERCISE NORMAL CAUTION NEAR THE SEA.

TEST... POTENTIAL IMPACTS ...TEST

* THIS IS A TEST MESSAGE. MINOR SEA LEVEL FLUCTUATIONS UP TO 30 CM ABOVE AND BELOW THE NORMAL TIDE MAY OCCUR IN COASTAL AREAS NEAR THE EARTHQUAKE OVER THE NEXT FEW HOURS... AND CONTINUING FOR UP TO SEVERAL HOURS.

TEST... TSUNAMI OBSERVATIONS ...TEST

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

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

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

* THIS IS A TEST MESSAGE. THIS WILL BE THE FINAL STATEMENT ISSUED FOR THIS EVENT UNLESS NEW INFORMATION IS RECEIVED OR THE SITUATION CHANGES.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

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

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NNNN

Puerto Rico Scénario

Chronologie des Messages par PTWC

Puerto Rico

| Date | Heur (UTC) | PTWC | |
|---------|------------|---|------------------------------------|
| | | Type de produit | Méthode de transmission |
| 3/15/18 | 1400 | - - - - Le séisme se produit- - - - | |
| 3/15/18 | 1400 | Dummy | NWWS, GTS, EMWIN, AISR, Fax, Email |
| 3/15/18 | 1405 | Menace de Tsunami Message #1 | Email |
| 3/15/18 | 1425 | Menace de Tsunami Message #2 et Product Graphique Améliore | Email |
| 3/15/18 | 1500 | Menace de Tsunami Message #3 | Email |
| 3/15/18 | 1600 | Menace de Tsunami Message #4 | Email |
| 3/15/18 | 1700 | Menace de Tsunami Message #5 | Email |
| 3/15/18 | 1800 | Menace de Tsunami Message #6 | Email |
| 3/15/18 | 1900 | Menace de Tsunami Message #7 | Email |
| 3/15/18 | 2000 | Menace de Tsunami Message #8 | Email |
| 3/15/18 | 2100 | Menace de Tsunami Message #9 | Email |

PTWC Message #1

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

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

...TEST TSUNAMI THREAT MESSAGE TEST...

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE
PARAMETERS ...TEST

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

TEST... EVALUATION ...TEST

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

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

TEST... TSUNAMI THREAT FORECAST ...TEST

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

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

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.

* THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

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

* THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THE REGION IDENTIFIED WITH A POTENTIAL TSUNAMI THREAT. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

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

TEST... POTENTIAL IMPACTS ...TEST

* THIS IS A TEST MESSAGE. A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.

* THIS IS A TEST MESSAGE. IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.

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

* THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

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

* THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF COAST... US EAST COAST... AND THE MARITIME PROVINCES OF CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

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

\$\$

NNNN

PTWC Message #2

ZCZC
WECA41 PHEB 151425
TSUCAX

← WMO ID

← AWIPS ID

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

...TEST TSUNAMI THREAT MESSAGE TEST...

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE
PARAMETERS ...TEST

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

TEST... EVALUATION ...TEST

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

* THIS IS A TEST MESSAGE. TSUNAMI WAVES HAVE BEEN OBSERVED.

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... HAZARDOUS TSUNAMI WAVES ARE FORECAST FOR SOME COASTS.

TEST... TSUNAMI THREAT FORECAST ...TEST

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

PUERTO RICO AND VIRGIN ISLANDS.

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

* THIS IS A TEST MESSAGE. TSUNAMI WAVES REACHING 0.3 TO 1 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE FOR SOME COASTS OF
COLOMBIA... VENEZUELA... ANGUILLA... ARUBA... BONAIRE...
CURACAO... GRENADA... AND SAINT VINCENT AND THE
GRENADINES.

* THIS IS A TEST MESSAGE. ACTUAL AMPLITUDES AT THE COAST MAY VARY FROM FORECAST AMPLITUDES DUE TO UNCERTAINTIES IN THE FORECAST AND LOCAL FEATURES. IN PARTICULAR MAXIMUM TSUNAMI AMPLITUDES ON ATOLLS OR SMALL ISLANDS AND AT LOCATIONS WITH FRINGING OR BARRIER REEFS WILL LIKELY BE MUCH SMALLER THAN THE FORECAST INDICATES.

* THIS IS A TEST MESSAGE. FOR ALL OTHER AREAS COVERED BY THIS MESSAGE... THERE IS NO TSUNAMI THREAT ALTHOUGH SMALL SEA LEVEL CHANGES MAY OCCUR.

TEST... RECOMMENDED ACTIONS ...TEST

- * THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.
- * THIS IS A TEST MESSAGE. PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

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

* THIS IS A TEST MESSAGE. ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR PLACES WITHIN THREATENED REGIONS ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO ONE HOUR.

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

TEST... POTENTIAL IMPACTS ...TEST

- * 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.
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- * THIS IS A TEST MESSAGE. IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.
- * THIS IS A TEST MESSAGE. PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

TEST... TSUNAMI OBSERVATIONS ...TEST

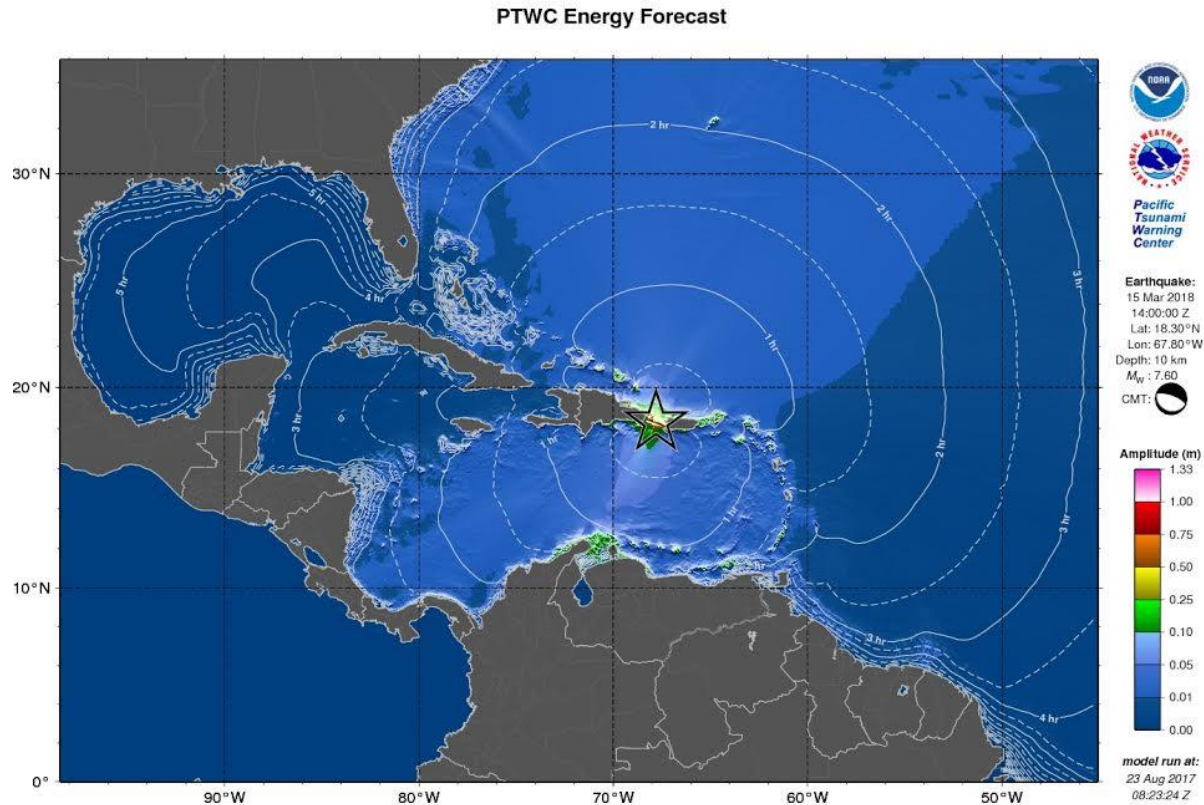
* THIS IS A TEST MESSAGE. THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH RESPECT TO THE NORMAL TIDE LEVEL.

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

- * THIS IS A TEST MESSAGE. THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN LOWERCASE LETTERS-.
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THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS TEST MESSAGE.

Prévision des hauteurs de vagues Puerto Rico

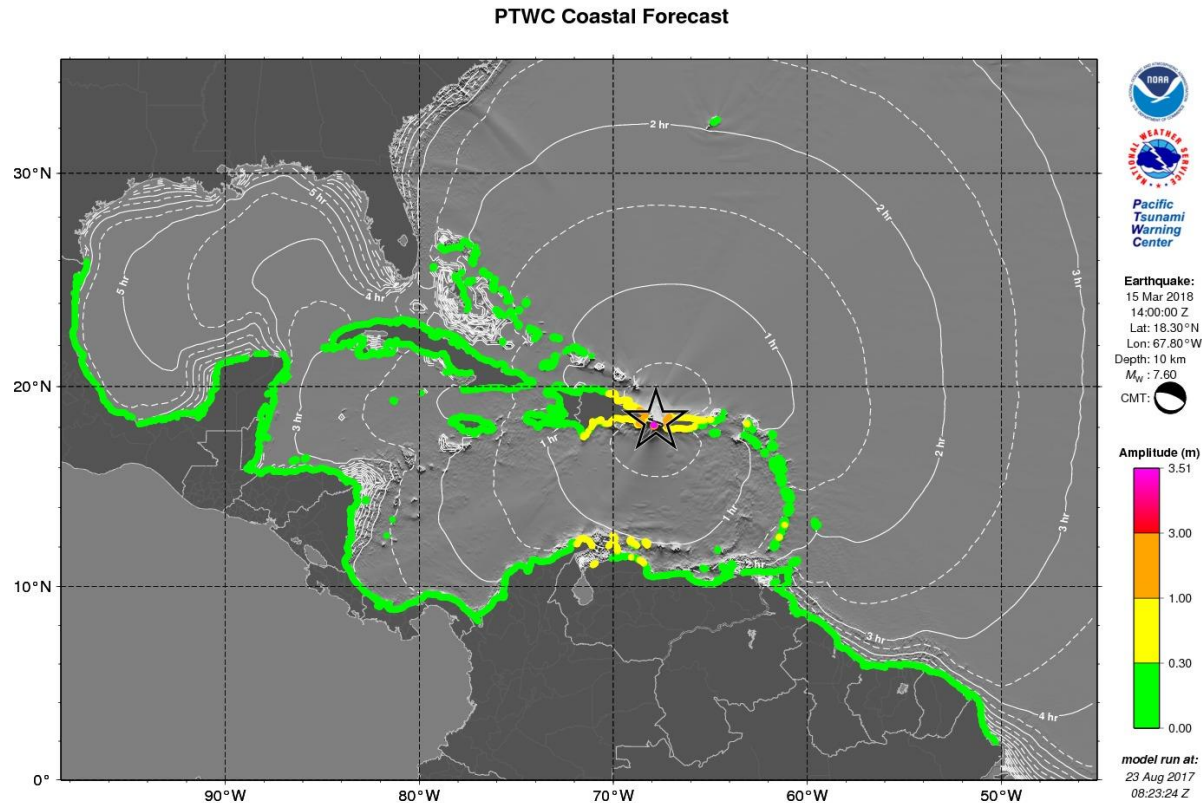


Carte RIFT avec l'amplitude maximale du tsunami basé sur le scénario des Puerto Rico.

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

Prévision des hauteurs de vagues

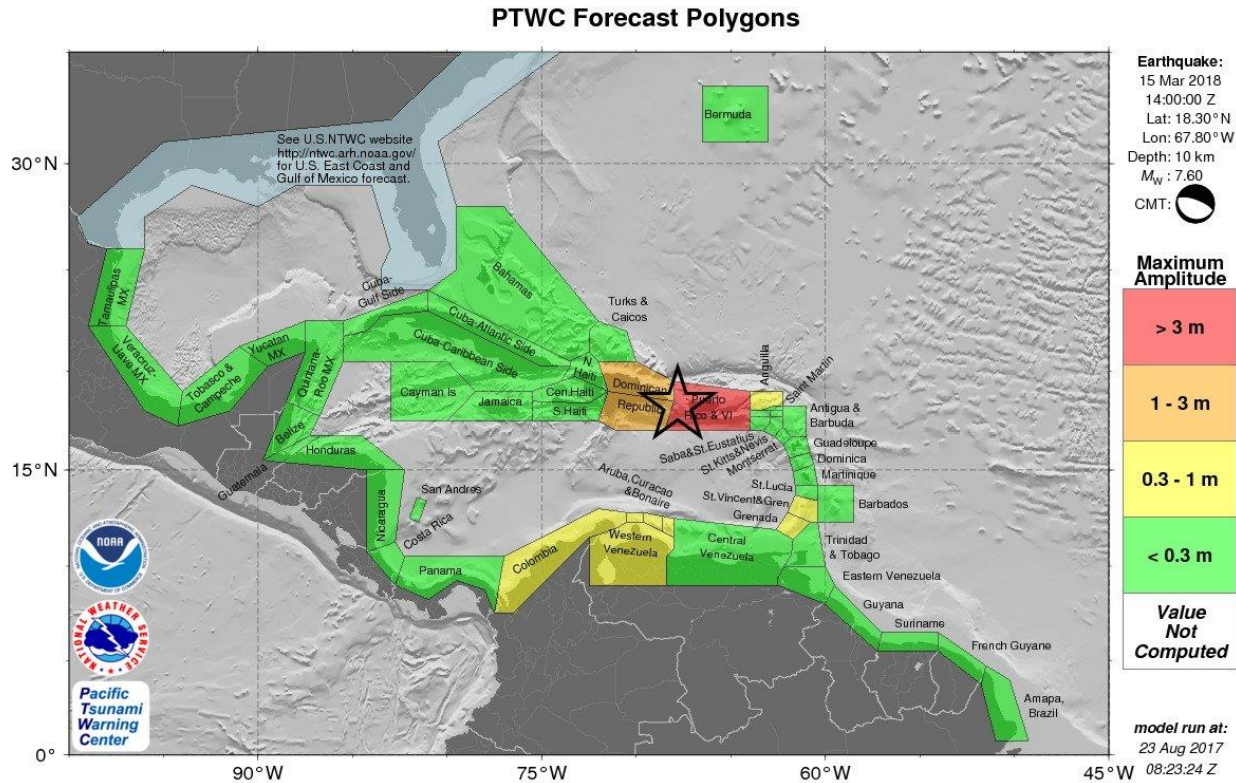
Puerto Rico



Carte RIFT avec l'amplitude maximale du tsunami basée sur scénario Puerto Rico.

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

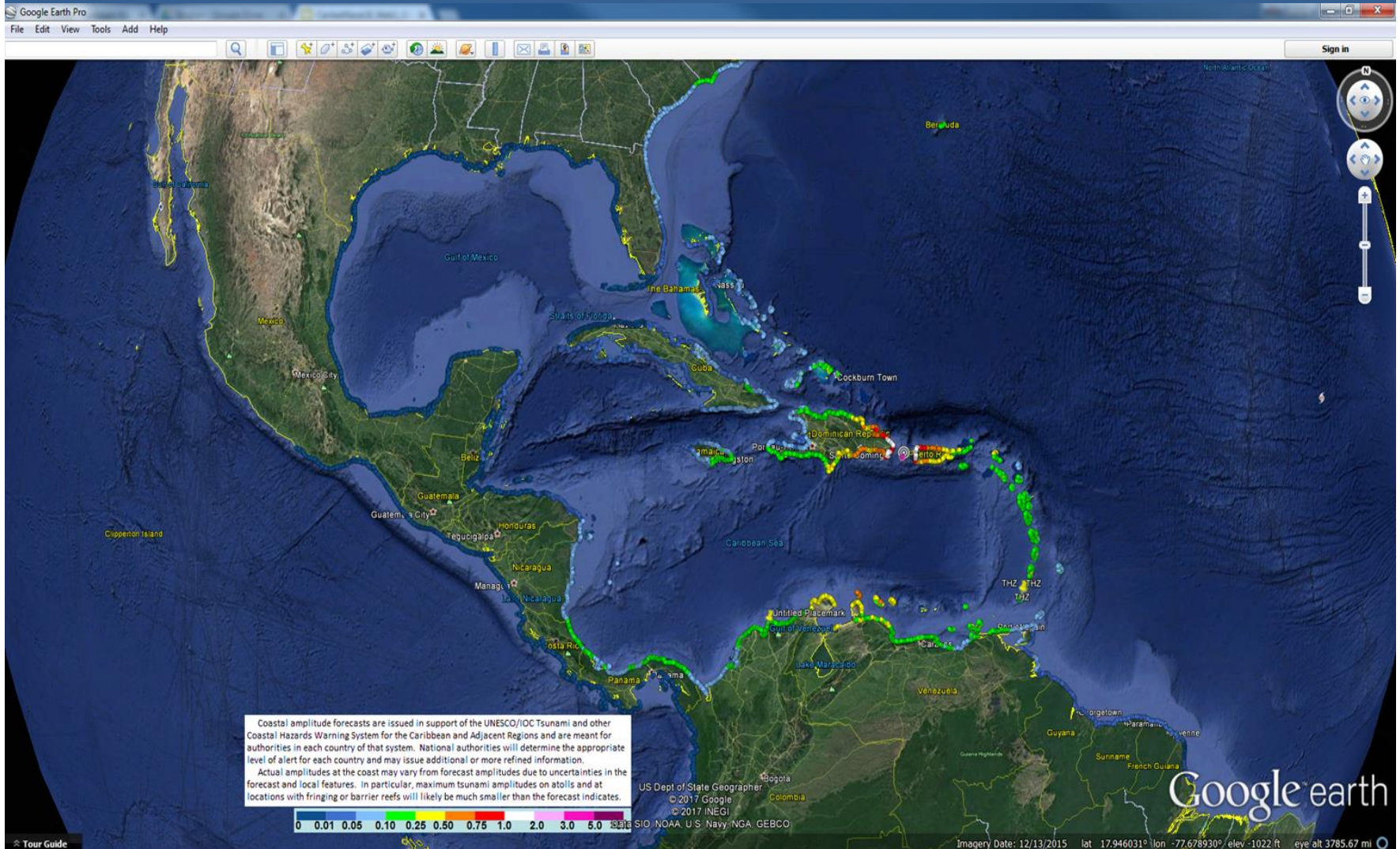
Prévision des hauteurs de vagues Puerto Rico



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

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

KMZ Puerto Rico



Statistiques prévisionnelles des polygones régionaux*

Puerto Rico

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

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

PTWC Message #9

ZCZC

WECA41 PHEB 152100

WMO ID

TSUCAX AWIPS ID

TEST...TSUNAMI MESSAGE NUMBER 9...TEST

NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

2100 UTC THU MAR 15 2018

TEST FINAL TSUNAMI THREAT MESSAGE TEST

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

THIS IS A TEST MESSAGE. THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE UNESCO/IOC TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM FOR THE CARIBBEAN AND ADJACENT REGIONS AND IS MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

THIS IS A TEST MESSAGE. NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED INFORMATION.

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

TEST... PRELIMINARY EARTHQUAKE PARAMETERS ...TEST

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

TEST... EVALUATION ...TEST

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

* THIS IS A TEST MESSAGE. BASED ON ALL AVAILABLE DATA... THE TSUNAMI THREAT FROM THIS EARTHQUAKE HAS PASSED AND THERE IS NO FURTHER THREAT.

TEST... TSUNAMI THREAT FORECAST...UPDATED ...TEST

* THIS IS A TEST MESSAGE. THE TSUNAMI THREAT HAS NOW LARGELY PASSED.

TEST... RECOMMENDED ACTIONS ...TEST

* THIS IS A TEST MESSAGE. GOVERNMENT AGENCIES RESPONSIBLE FOR ANY IMPACTED COASTAL AREAS SHOULD MONITOR CONDITIONS AT THE COAST TO DETERMINE IF AND WHEN IT IS SAFE TO RESUME NORMAL ACTIVITIES.

* THIS IS A TEST MESSAGE. PERSONS LOCATED NEAR IMPACTED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM LOCAL AUTHORITIES.

* THIS IS A TEST MESSAGE. REMAIN OBSERVANT AND EXERCISE NORMAL CAUTION NEAR THE SEA.

TEST... POTENTIAL IMPACTS ...TEST

* THIS IS A TEST MESSAGE. MINOR SEA LEVEL FLUCTUATIONS UP TO 30 CM ABOVE AND BELOW THE NORMAL TIDE MAY OCCUR IN COASTAL AREAS NEAR THE EARTHQUAKE OVER THE NEXT FEW HOURS.... AND CONTINUING FOR UP TO SEVERAL HOURS.

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

* THIS IS A TEST MESSAGE. THIS WILL BE THE FINAL STATEMENT
ISSUED FOR THIS EVENT UNLESS NEW INFORMATION IS RECEIVED OR
THE SITUATION CHANGES.

* THIS IS A TEST MESSAGE. AUTHORITATIVE INFORMATION ABOUT THE
EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON
THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN
LOWERCASE LETTERS-.

* THIS IS A TEST MESSAGE. FURTHER INFORMATION ABOUT THIS EVENT
MAY BE FOUND AT WWW.TSUNAMI.GOV.

* THIS IS A TEST MESSAGE. COASTAL REGIONS OF THE US GULF
COAST... US EAST COAST... AND THE MARITIME PROVINCES OF
CANADA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER
MESSAGES THAT CAN BE FOUND AT WWW.TSUNAMI.GOV.

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

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NNNN

Participation des Etats Membres – Inscription Tsunami Zone

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

Page d'accueil | Régions du TsunamiZone | Autres langues | Contactez-nous | Recherche | Connexion



Inscrivez-vous ici! | Qui participe? | Caribe Wave

BIENVENUE SUR TSUNAMIZONE !

[ENGLISH](#) | [ESPAÑOL](#)

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

[Inscrivez-vous](#) à l'exercice CARIBE WAVE 18 pour faire partie des nombreuses personnes et organisations qui partout à travers le monde participent à des activités de préparation aux tsunamis !



ACTIVETÉS OFFICIELLES 2018

11-17 Mars
[Puerto Rico, Îles vierges américaines, CARIBE WAVE](#) (15 Mars)

Mars
Alaska & [California](#)

Avril
Hawaï, Guam & Washington

24-30 Septembre
Samoa américaines

Octobre
Oregon & Washington

5 de Novembre
World Tsunami Awareness Day

131 participants inscrits

72 jours avant la TsunamiZone



CARIBE WAVE

Cette année le TsunamiZone s'associe aux organisateurs de l'exercice tsunami [CARIBE WAVE 18](#) pour offrir aux populations francophones des Caraïbes l'opportunité de se préparer aux tsunamis.



Visitez le site web de l'exercice tsunami [CARIBE WAVE 18](#) pour apprendre comment bien vous préparer pour survivre à un tsunami et récupérer rapidement si votre région était touchée.

Vous trouverez également sur ce site le [manuel du participant](#) (en anglais) qui contient l'ensemble des informations utiles sur les deux scénarios tsunami proposés aux participants pour cet exercice.

PARTICIPANTS

[Inscrivez-vous](#) dès aujourd'hui à l'exercice CARIBE WAVE 18 pour rejoindre personnes qui se préparent aux tsunamis !

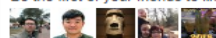
[Total mondial en 2018:](#) 131

[Total mondial en 2017:](#) Plus de 820 000

PROPOS TSUNAMI



Be the first of your friends to like this



Follow @thetsunamizone 794 followers

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

The
TsunamiZone

Puerto Rico
Tsunami Preparedness Week
March 19-25, 2017

Inscrivez-vous ici!

Qui participe?

Caribe Wave

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

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



TOTAUX RELATIFS A LA PARTICIPATION

Ce tableau indique le nombre de participants à la Grande Secousse de 2018 par catégorie. Cliquez sur une catégorie pour voir le nom des participants qui ont accepté d'être listés.

Ces totaux sont ceux en vigueur au 02/02/2016 7:09 PM PST.

| Catégorie | Participants | Totaux relatifs à la participation pour chaque zone | Total |
|---|--------------|---|------------|
| Total: | 131 | | |
| Particuliers/Familles | 19 | California | 1 |
| Centres de la petite enfance et prématernelles | 0 | North Coast | 0 |
| Écoles et commissions scolaires | 0 | Shasta Cascade | 0 |
| Organismes jeunesse | 0 | Bay Area | 0 |
| Collèges et universités | 0 | Delta Sierra | 0 |
| Premières nations | 0 | Inyo-Mono | 0 |
| Gouvernement fédéral | 0 | Central Valley South | 0 |
| Gouvernement provincial | 0 | Central Coast | 0 |
| Municipalités | 0 | Southern California Coast | 1 |
| Organismes communautaires | 0 | Inland Southern California | 0 |
| Entreprises | 0 | San Diego | 0 |
| Hôtels et autres logements | 0 | Other Areas | 0 |
| Soins de santé | 10 | Caribbean | 128 |
| Résidences pour aînés | 0 | Anguilla | 0 |
| Organismes représentant les personnes handicapées | 0 | Antigua and Barbuda | 0 |
| Organismes à but non-lucratif | 100 | Aruba | 0 |
| Sécurité civile | 2 | Bahamas | 0 |
| Organismes religieux | 0 | Barbados | 0 |
| Musées, bibliothèques, parcs, etc. | 0 | Belize | 0 |
| Organismes de charité | 0 | Bermuda | 0 |
| Refuges pour animaux | 0 | Bonaire | 0 |
| Agriculture/Aquaculture | 0 | Brazil | 0 |
| Groupes de radioamateurs | 0 | British Virgin Islands | 0 |
| Firmes spécialisées en sciences ou en génie | 0 | Cayman Islands | 0 |
| Médias | 0 | Colombia | 0 |
| Autre | 0 | Costa Rica | 0 |
| | | Cuba | 0 |
| | | Curacao | 0 |
| | | Dominica | 0 |
| | | Dominican Republic | 0 |
| | | France | 0 |
| | | Grenada | 0 |
| | | Guadeloupe | 0 |
| | | Guatemala | 0 |
| | | Guyana | 0 |
| | | Guyane | 0 |
| | | Haiti | 0 |
| | | Honduras | 0 |
| | | Jamaica | 0 |
| | | Martinique | 0 |
| | | Mexico | 0 |
| | | Montserrat | 0 |
| | | Netherlands | 0 |
| | | Nicaragua | 0 |
| | | Panama | 2 |
| | | Puerto Rico | 13 |

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| Catégorie | Participants | Totaux relatifs à la participation pour chaque zone | Total |
|-----------|--------------|---|-------|
| | | Anguilla | 0 |
| | | Antigua and Barbuda | 0 |
| | | Aruba | 0 |
| | | Bahamas | 0 |
| | | Barbados | 0 |
| | | Belize | 0 |
| | | Bermuda | 0 |
| | | Bonaire | 0 |
| | | Brazil | 0 |
| | | British Virgin Islands | 0 |
| | | Cayman Islands | 0 |
| | | Colombia | 0 |
| | | Costa Rica | 0 |
| | | Cuba | 0 |
| | | Curacao | 0 |
| | | Dominica | 0 |
| | | Dominican Republic | 0 |
| | | France | 0 |
| | | Grenada | 0 |
| | | Guadeloupe | 0 |
| | | Guatemala | 0 |
| | | Guyana | 0 |
| | | Guyane | 0 |
| | | Haiti | 0 |
| | | Honduras | 0 |
| | | Jamaica | 0 |
| | | Martinique | 0 |
| | | Mexico | 0 |
| | | Montserrat | 0 |
| | | Netherlands | 0 |
| | | Nicaragua | 0 |
| | | Panama | 2 |
| | | Puerto Rico | 0 |
| | | Saba | 0 |
| | | Saint Barthelemy | 0 |
| | | Saint Kitts and Nevis | 0 |
| | | Saint Lucia | 0 |
| | | Saint Martin | 110 |
| | | Saint Vincent and the Grenadines | 0 |
| | | Sint Eustatius | 0 |
| | | Sint Maarten | 0 |
| | | Suriname | 0 |
| | | Trinidad and Tobago | 0 |
| | | Turks and Caicos Islands | 0 |
| | | U.S. Virgin Islands | 3 |
| | | Venezuela | 0 |



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Ce tableau indique le nombre de participants à la Grande Secousse de 2018 par catégorie. Cliquez sur une catégorie pour voir le nom des participants qui ont accepté d'être listés.

Ces totaux sont ceux en vigueur au 02/02/2016 7:09 PM PST.

| Catégorie | Participants |
|---|--------------|
| Total: | 110 |
| Particuliers/Familles | 0 |
| Centres de la petite enfance et prémamanelles | 0 |
| Écoles et commissions scolaires | 0 |
| Organismes jeunesse | 0 |
| Collèges et universités | 0 |
| Premières nations | 0 |
| Gouvernement fédéral | 0 |
| Gouvernement provincial | 0 |
| Municipalités | 0 |
| Organismes communautaires | 0 |
| Entreprises | 0 |
| Hôtels et autres logements | 0 |
| Soins de santé | 10 |
| Résidences pour aînés | 0 |
| Organismes représentant les personnes handicapées | 0 |
| Organismes à but non-lucratif | 100 |
| Sécurité civile | 0 |
| Organismes religieux | 0 |
| Musées, bibliothèques, parcs, etc. | 0 |
| Organismes de charité | 0 |
| Refuges pour animaux | 0 |
| Agriculture/Aquaculture | 0 |
| Groupes de radioamateurs | 0 |
| Firmes spécialisées en sciences ou en génie | 0 |
| Médias | 0 |
| Autre | 0 |

ORGANISMES À BUT NON-LUCRATIF INSCRIT(E) EN 2018

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

SOINS DE SANTÉ INSCRIT(E) EN 2018

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

Ressources

- Manuels du CIO “[Comment planifier, mener et évaluer les exercices de tsunami](#)” et “[Module sur l'exercice de Tsunami](#)” qui seront également des ressources utiles. (Anglais, Espagnol).
- Manuel CARIBE WAVE 2011, 2013, 2014, 2015, 2016 et 2017.
- Rapport final CARIBE WAVE 2013, 2014, 2015, 2016 et 2017.
- Plan de Communication de PTWC pour les Caraïbes.
- Disponible sur www.caribewave.info
- Questions sur l'exercice pourraient être adressées aux membres du Groupe de travail CARIBE WAVE 18.

Autres informations

- Des outils additionnels seront placés sur les pages de CTWP (www.caribewave.info).
 - Cette présentation sera placée sur la page.
- Envoyer à christa.vonh@noaa.gov les liens vers les sites internet de chaque pays afin d'être inclus sur les pages du CTWP.

CARIBE WAVE 18 Équipe de Travail

| Person | Telephone # | Email |
|---|----------------|--|
| Elizabeth Vanacore, PRSN, CARIBE WAVE Chair | 1-787-833-8433 | elizabeth.vanacore@upr.edu |
| Christa von Hillebrandt-Andrade, CARIBE EWS Chair, NWS CTWP Manager | 1-787-249-8307 | christa.vonh@noaa.gov |
| Nestor Luque Chair WG 1 Monitoring and Detection Systems | 507-523-5560 | barcelona0101042@yahoo.com |
| Silvia Chacón Chair WG 2 Hazard Assesment | 506-830-96690 | silviachaconb@gmail.com |
| Antonio Aguilar Chair WG 3 Tsunami Related Services | 58-212-2575153 | antoniodesastres@gmail.com |
| Lt. Patrick Tyburn Chair WG 4 Preparedness, Readiness and Resilience | 596-696-286471 | patrick.tyburn@sdis972.fr |
| Joan L. Latchman, SRC Dr. Frederic Dondin, SRC Scientific Experts – Barbados Scenario | 1-868-662-4659 | j_latchman@uwiseismic.com fredericdondin@gmail.com |
| Hansjürgen Meyer, OSSO Scientific Expert – Colombia Scenario | 57-2-3317881 | hansjurgen.meyer@osso.org.co |
| Alberto M. López Venegas, PRSN Scientific Expert – Puerto Rico Scenario | 847-217-3828 | alberto.lopez3@upr.edu |
| Charles McCreery, PTWC Director | 1-808-689-8207 | charles.mccreery@noaa.gov |
| Ronald Jackson Director CDEMA | 246-425-0386 | Ronald.jackson@cdema.org |
| Roy Barboza Sequeira Executive Secretary CEPREDENAC | 502-2390-0200 | rbarboza@sica.int |
| Bernardo Aliaga Technical Secretary UNESCO | 33-1-45683980 | b.aliaga@unesco.org |
| David Wald, USGS Scientific Expert – Earthquake Impact Products | 1-303-273-8441 | wald@usgs.gov |

Chronologie

| ACTION | DUE DATE |
|---|---|
| Projet diffusé parmi le GCI / TWFP de l'ICG CARIBE EWS | ✓ Aug 2017 |
| Date limite pour les commentaires | ✓ Sep 2017 |
| Manuel de l'exercice final disponible en ligne | ✓ Oct 2017 |
| Lettre circulaire adressée par le IOC à la SEP | ✓ Nov 2017 |
| 1er Webinaire CW | 23 – Janvier - 2018 - Anglais 24 – Janvier - 2018 - Espagnol 25 – Janvier - 2018 – Français |
| 2e Webinaire CW | 27- Février - 2018 -Anglais 28 – Février - 2018 - Espagnol 1- Mars - 2018 –Français |
| Les pays d'échéance indiquent un scénario sélectionné | 2 Mars 2018 |
| Exercice | 15 Mars 2018 |
| Évaluation de l'exercice dû | 4 Avril 2018 |
| Projet de Rapport Final CARIBE WAVE Caribe 18 | |

Questions, Commentaires

Merci de votre participation

christa.vonh@noaa.gov