

**Sixth Short Course on Sea Level Data Quality Control, Analysis and Applications for
the Tsunami and other Coastal Hazards Warning System for the Caribbean and
Adjacent Regions (CARIBE-EWS)
26 February - 2 March 2018
Mexico City, Mexico**

Report on Tide Gauge and Sea Level Monitoring Station at Port Royal,
Kingston Jamaica.

Romayne Robinson
Meteorologist
National Meteorological Service
65 3/4 Half-Way-Tree Road Kingston 10
Jamaica





Sunken Pirate City

Caribbean Maritime University, Port Royal...

Fort Charles

Port Royal

Gloria's

High St

Broad St

Port Royal Terminus

Gloria's Port Royal, East Kingston

Manley Hwy

Foreshore Rd

Florizal Ave

Foreshore Rd

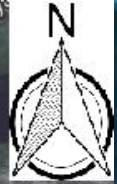
Beachview restaurant and bar

Gloria's Seafood

Morgans Harbour

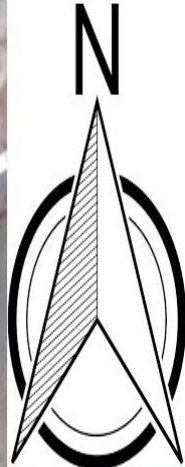
Grand Port Royal Hotel Marina & Spa

University





Port Royal Tide Gauge



Port Royal

3D

METADATA on Port Royal Tide Gauge	Port Royal
Name	
Installation Date	May 7, 2015
Specific Location (host)	Jamaica Defense Force Marine Post
Call Identifier	PTRO
Operated by	National Meteorological Service, Jamaica <i>datarequest@metservice.gov.jm</i>
Geographical Coordinate Location	Latitude: 17.934614
	Longitude: -76.845598
Connection and Transmission	GTS Global Telecommunication System
Sensors on board	Pressure (prs) sampled every 1 min
	Radar (rad) sampled every 1 min
	Power level (bat) sampled every 5 min



Map above shows two Met. stations used to help correlate Tide Gauge data

2015	2016	2017	2018
	JAN	JAN	JAN
	FEB	FEB	FEB
	MAR	MAR	
	APR	APR	
MAY	MAY	MAY	
JUN	JUN	JUN	
JUL	JUL	JUL	
AUG	AUG	AUG	
SEP	SEP	SEP	
OCT	OCT	OCT	
NOV	NOV	NOV	
DEC	DEC	DEC	





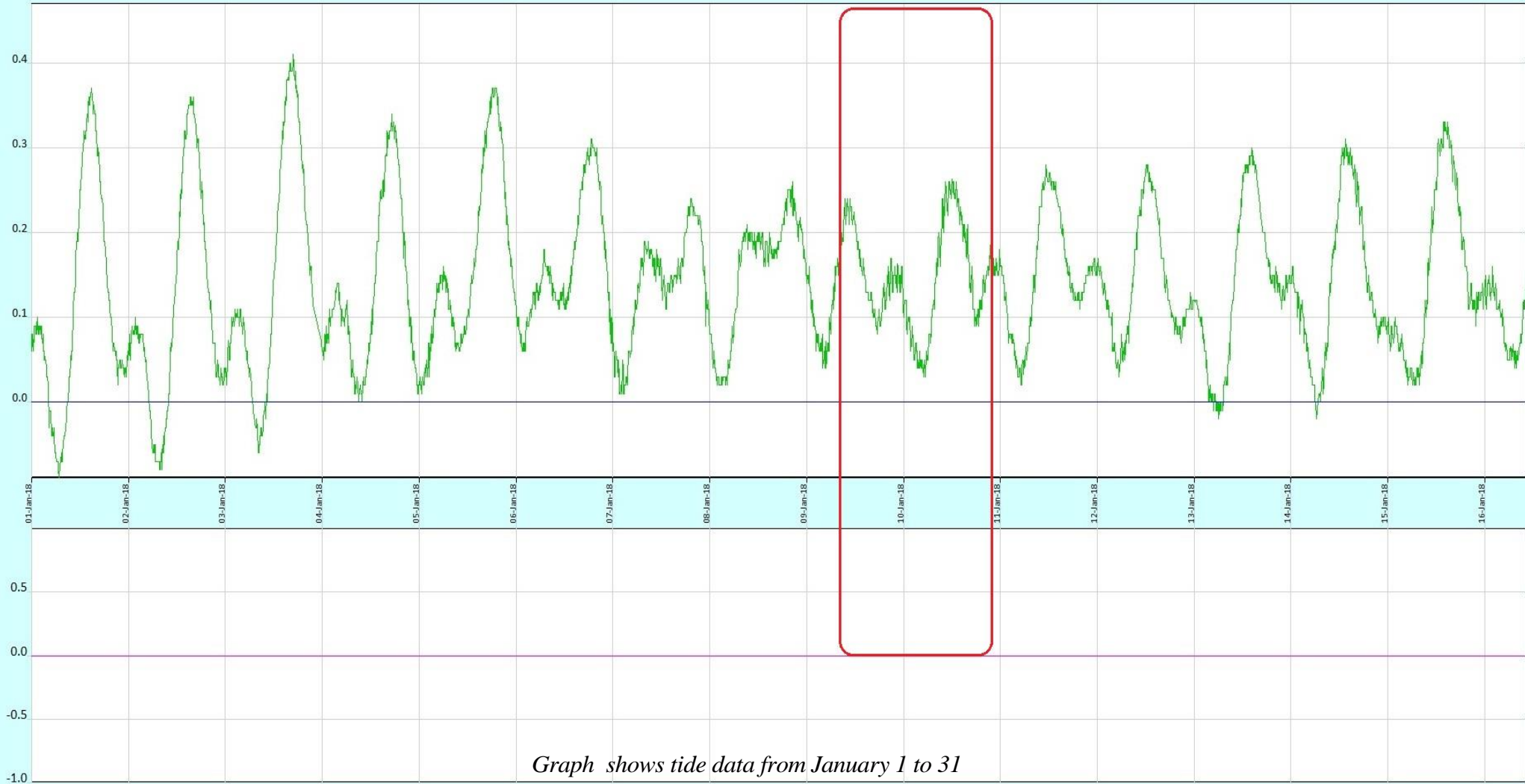






Assessing earthquake of January 10

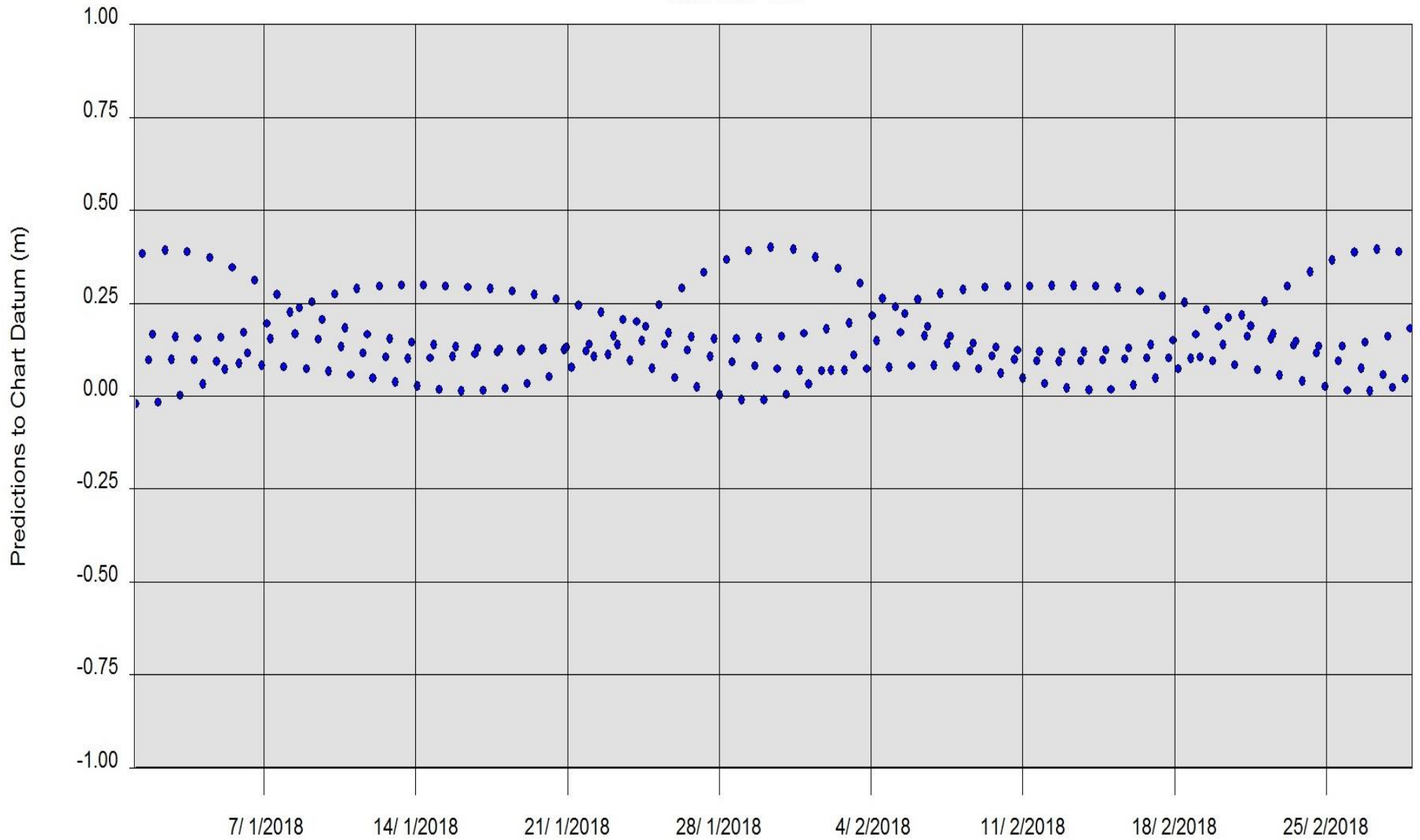
Flagging Mode: Inactive



Graph shows tide data from January 1 to 31

High and Low Waters for PORT ROYAL_2018_2

Time Zone: +0500





Sandeep Shenoy @hitech_guru · Jan 10

Little damage as magnitude-7.6 quake hits in sea north of Honduras - wlbz2.com/news/nation-wo... #Earthquake #TsunamiWarning #Caribbean #Honduras #Mexico #Jamaica #Tsunami #Weather



Sandeep Shenoy @hitech_guru · Jan 10

Tsunami advisory canceled after 7.6-magnitude earthquake strikes near Honduras - sfgate.com/world/article/... #Earthquake #TsunamiWarning #Caribbean #Honduras #Mexico #Jamaica #Tsunami #Weather



Tsunami advisory canceled after 7.6-magnitude earthquake strikes n...

A tsunami advisory was issued for the Caribbean after an earthquake with a preliminary magnitude of 7.6 struck near Honduras on Tuesday.

sfgate.com

PM: Jamaica Not Under Tsunami Threat

Share this Story:



Recommend 333

Published: Wednesday | January 10, 2018 | 1:59 AM



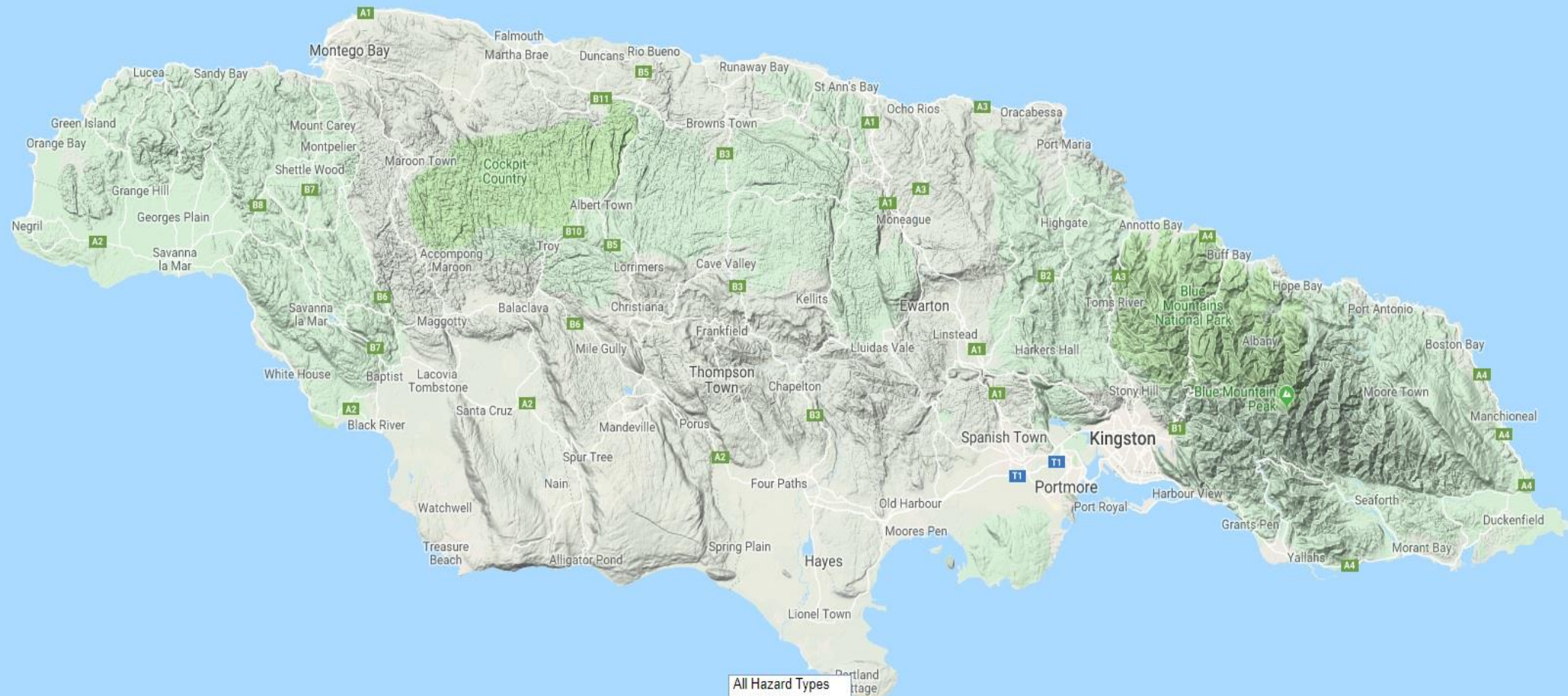
Holness

Prime Minister Andrew Holness has indicated that Jamaica is officially not under threat from a tsunami.

The prime minister provided the update in a post on Twitter.

Jamaica had been monitoring the situation after, earlier Tuesday night, a magnitude 7.6 earthquake struck in the Caribbean Sea between the coast of Honduras and the Cayman Islands, causing officials to warn people around the region to be alert to the threat of possible tsunami surges.

Advisories had been issued stressing that people in Puerto Rico, the Cayman Islands, Cuba, Jamaica and other Caribbean islands as well as on the coasts of Mexico and Central America should be aware of the tsunami danger. The Pacific Tsunami Warning Center had indicated that sea levels could rise from a foot to three feet (0.3 to 1 metre) above normal.



- All Hazard Types
- Aerodrome
- Bush Fire
- Drought
- Flash Flood
- High Surf
- Hurricane
- Seasonal Rainfall
- Temperature
- Severe Weather
- Small Craft
- Storm Surge
- Thunderstorm
- Tropical Storm
- Tsunami**
- Wind

All Hazard Types ▾

■ Minor Threat	■ Dangerous
■ Potentially Dangerous	■ Very Dangerous

