

**TEST TEST TEST - - - THIS IS AN EXERCISE - - - TEST TEST TEST
TEST TEST TEST --- THERE IS NO ACTUAL TSUNAMI - - - TEST TEST TEST**

BULLETIN

TSUNAMI MESSAGE NUMBER 3

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK

1001 AM AST WED MAR 23 2011

THIS MESSAGE CONTAINS MORE OBSERVED TSUNAMI AMPLITUDES AND DAMAGE INFORMATION.

...THE TSUNAMI WARNING CONTINUES IN EFFECT FOR PUERTO RICO AND THE VIRGIN ISLANDS...

...A TSUNAMI ADVISORY IS NOW IN EFFECT FOR THE COASTAL AREAS OF FLORIDA - GEORGIA AND SOUTH CAROLINA FROM FLAMINGO FLORIDA TO SOUTH SANTEE RIVER SOUTH CAROLINA...

...THIS MESSAGE IS INFORMATION ONLY FOR COASTAL AREAS OF TEXAS - LOUISIANA - MISSISSIPPI - ALABAMA - NORTH CAROLINA - VIRGINIA - MARYLAND - DELAWARE - NEW JERSEY - NEW YORK - CONNECTICUT - RHODE ISLAND - MASSACHUSETTS - NEW HAMPSHIRE - MAINE - NEW BRUNSWICK - NOVA SCOTIA - NEWFOUNDLAND AND LABRADOR FROM BROWNSVILLE TEXAS TO CAPE CHIDLEY LABRADOR...

RECOMMENDED ACTIONS

A TSUNAMI HAS BEEN GENERATED WHICH IS EXPECTED TO DAMAGE THE WARNING REGIONS LISTED IN THE HEADLINE. PERSONS IN LOW-LYING COASTAL AREAS SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY OFFICIALS. EVACUATIONS ARE ONLY ORDERED BY EMERGENCY RESPONSE AGENCIES.

- PERSONS IN TSUNAMI WARNING COASTAL AREAS SHOULD MOVE INLAND TO HIGHER GROUND.

- PERSONS IN TSUNAMI ADVISORY AREAS SHOULD MOVE OUT OF THE WATER... OFF THE BEACH AND OUT OF HARBORS AND MARINAS.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

LOCATION	LAT	LON	TIME	AMPL
CHRISTIANSTED VI	17.7N	64.7W	906 AST	8.23 FT/2.51 M
LIMETREE BAY VI	17.6N	64.6W	909 AST	15.41 FT/4.70 M
LAMESHUR BAY VI	18.3N	64.7W	918 AST	9.37 FT/2.86 M
VIRGIN GORDA BVI	18.5N	64.5W	919 AST	4.59 FT/1.40 M
CULEBRA PR	18.3N	65.3W	921 AST	6.79 FT/2.07 M
CHARLOTTE AMALIE VI	18.4N	64.9W	945 AST	8.27 FT/2.52 M
MONA ISLAND PR	18.1N	67.9W	948 AST	0.85 FT/0.26 M
MAGUEYES ISLAND PR	18.2N	67.2W	951 AST	2.48 FT/0.76 M

TIME - TIME OF MEASUREMENT

AMPL - TSUNAMI AMPLITUDES ARE MEASURED RELATIVE TO NORMAL SEA LEVEL.
IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
VALUES ARE GIVEN IN BOTH METERS (M) AND FEET (FT).

INITIAL DAMAGE REPORTS NOTE FLOODED STREETS IN CHRISTIANSTED VI AND MANY HOMES TORN FROM THE FOUNDATIONS IN LIMETREE BAY VI.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 7.6
TIME - 0900 EDT MAR 23 2011
 0900 AST MAR 23 2011
 0800 CDT MAR 23 2011
 1300 UTC MAR 23 2011
LOCATION - 18.2 NORTH 65.3 WEST
 25 MILES/40 KM SE OF FAJARDO PUERTO RICO
 60 MILES/97 KM SE OF SAN JUAN PUERTO RICO
DEPTH - 56 MILES/90 KM

TSUNAMI WARNINGS MEAN THAT A TSUNAMI WITH SIGNIFICANT WIDESPREAD INUNDATION IS IMMINENT OR EXPECTED. WARNINGS INDICATE THAT WIDESPREAD DANGEROUS COASTAL FLOODING ACCOMPANIED BY POWERFUL CURRENTS IS POSSIBLE AND MAY CONTINUE FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

TSUNAMI ADVISORIES MEAN THAT A TSUNAMI CAPABLE OF PRODUCING STRONG CURRENTS OR WAVES DANGEROUS TO PERSONS IN OR VERY NEAR THE WATER IS IMMINENT OR EXPECTED. SIGNIFICANT WIDESPREAD INUNDATION IS NOT EXPECTED FOR AREAS UNDER AN ADVISORY. CURRENTS MAY BE HAZARDOUS TO SWIMMERS... BOATS... AND COASTAL STRUCTURES AND MAY CONTINUE FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

CARIBBEAN COASTAL REGIONS OUTSIDE PUERTO RICO AND THE VIRGIN ISLANDS SHOULD REFER TO THE PACIFIC TSUNAMI WARNING CENTER MESSAGES FOR INFORMATION ON THIS EVENT AT WWW.PRH.NOAA.GOV/PR/PTWC.

THIS MESSAGE IS BASED ON EARTHQUAKE DATA... OBSERVED TSUNAMI AMPLITUDES... HISTORICAL INFORMATION AND FORECAST MODELS.

THIS MESSAGE WILL BE UPDATED IN 30 MINUTES OR SOONER IF THE SITUATION WARRANTS. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. REFER TO THE INTERNET SITE WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION.

AMZ712-715-725-735-742-745-PRZ001>003-005-007-008-010-011-VIZ001-002-2315014
/T.CON.PAAQ.TS.W.0003.000000T0000Z-000000T0000Z/
COASTAL AREAS OF PUERTO RICO AND THE VIRGIN ISLANDS.
1001 AM AST WED MAR 23 2011

...THE TSUNAMI WARNING CONTINUES IN EFFECT FOR PUERTO RICO AND THE VIRGIN ISLANDS...

PERSONS IN TSUNAMI WARNING COASTAL AREAS SHOULD MOVE INLAND TO HIGHER GROUND.

TSUNAMI WARNINGS MEAN THAT A TSUNAMI WITH SIGNIFICANT WIDESPREAD INUNDATION IS IMMINENT OR EXPECTED. TSUNAMIS ARE A SERIES OF WAVES POTENTIALLY DANGEROUS SEVERAL HOURS AFTER INITIAL ARRIVAL TIME. ESTIMATED TIMES OF INITIAL WAVE ARRIVAL FOR SELECTED SITES IN THE WARNING ARE PROVIDED BELOW.

CHRISTIANSTED-VI 0911 AST MAR 23 MAYAGUEZ-PR 0952 AST MAR 23
SAN JUAN-PR 0945 AST MAR 23 CHARLOT AMALI-VI 0955 AST MAR 23
FOR ARRIVAL TIMES AT ADDITIONAL LOCATIONS SEE
WCATWC.ARH.NOAA.GOV

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GMZ032-075-052>054-AMZ630-650-651-550-552-555-450-452-454-
330-350-352-354-FLZ174-076>078168-172-173-047-054-059-064-141-
147-024-025-033-038-GAZ154-166-117-119-139-141-SCZ048>050-
051-231501-
COASTAL AREAS FROM FLAMINGO FLORIDA TO SOUTH SANTEE RIVER SOUTH
CAROLINA
1001 AM AST WED MAR 23 2011

...A TSUNAMI ADVISORY IS IN EFFECT FOR THE COASTAL AREAS OF
FLORIDA - GEORGIA - SOUTH CAROLINA FROM FLAMINGO
FLORIDA TO SOUTH SANTEE RIVER SOUTH CAROLINA...

TSUNAMI ADVISORIES MEAN THAT A TSUNAMI CAPABLE OF PRODUCING
STRONG CURRENTS OR WAVES DANGEROUS TO PERSONS IN OR VERY NEAR
WATER IS IMMINENT OR EXPECTED. SIGNIFICANT WIDESPREAD INUNDATION
IS NOT EXPECTED FOR AREAS IN AN ADVISORY. TSUNAMIS ARE A SERIES OF
WAVES POTENTIALLY DANGEROUS SEVERAL HOURS AFTER INITIAL ARRIVAL
TIME. ESTIMATED TIMES OF INITIAL WAVE ARRIVAL FOR SELECTED
SITES IN THE ADVISORY ARE PROVIDED BELOW.

MYRTLE BEACH-SC	1202 EDT MAR 23	FLAGLER BEACH-FL	1413 EDT MAR 23
VIRGINIA KEY-FL	1217 EDT MAR 23	SUNSET BEACH-NC	1424 EDT MAR 23
PORT CANAVERAL-FL	1329 EDT MAR 23		

FOR ARRIVAL TIMES AT ADDITIONAL LOCATIONS SEE
WCATWC.ARH.NOAA.GOV

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**SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE MELBOURNE FL
1015 AM EDT WED MAR 23 2011**

AMZ550-552-555-570-572-575-FLZ047-054-059-064-141-147-231515-
COASTAL WATERS FROM FLAGLER BEACH TO VOLUSIA BREVARD COUNTY LINE
OUT 20 NM-
COASTAL WATERS FROM VOLUSIA BREVARD COUNTY LINE TO SEBASTIAN
INLET OUT 20 NM-
COASTAL WATERS FROM SEBASTIAN INLET TO JUPITER INLET OUT 20 NM-
WATERS FROM FLAGLER BEACH TO VOLUSIA BREVARD COUNTY LINE 20 TO
60 NM OFFSHORE-
WATERS FROM VOLUSIA BREVARD COUNTY LINE TO SEBASTIAN INLET 20 TO
60 NM OFFSHORE-
WATERS FROM SEBASTIAN INLET TO JUPITER INLET 20 TO 60 NM OFFSHORE-
SOUTHERN BREVARD-INDIAN RIVER-ST. LUCIE-MARTIN-COASTAL VOLUSIA-
NORTHERN BREVARD-
1015 AM EDT WED MAR 23 2011

...DRILL TSUNAMI ADVISORY IN EFFECT...
...SMALL TSUNAMI WAVES ALONG WITH STRONG AND DANGEROUS CURRENTS EXPECTED...
...LOCAL ACTION STATEMENT FOLLOWS...

A STRONG EARTHQUAKE NORTHEAST OF PUERTO RICO HAS CREATED A TSUNAMI. WHILE THE GREATEST IMPACT WILL REMAIN OVER THE CARIBBEAN...SMALL TSUNAMI WAVES ALONG WITH STRONG AND DANGEROUS CURRENTS ARE EXPECTED TO IMPACT THE EAST CENTRAL FLORIDA COAST. A DRILL TSUNAMI ADVISORY IS IN EFFECT FOR THE U.S. EAST COAST...INCLUDING COASTAL AREAS OF VOLUSIA...BREVARD...INDIAN RIVER...ST. LUCIE AND MARTIN COUNTIES. STRONG CURRENTS OR WAVES WILL PRESENT A DANGER TO PERSONS IN OR VERY NEAR THE WATER. SIGNIFICANT WIDESPREAD INUNDATION IS NOT EXPECTED. TSUNAMIS ARE A SERIES OF WAVES POTENTIALLY DANGEROUS FOR SEVERAL HOURS AFTER INITIAL ARRIVAL TIME. BEACHES SHOULD BE EVACUATED...HOWEVER COASTAL RESIDENCES AND BUSINESSES SHOULD NOT BE IMPACTED.

THE FIRST WAVE IS ESTIMATED TO ARRIVE ALONG THE EAST CENTRAL FLORIDA COAST BETWEEN 1230 PM AND 200 PM EDT THIS AFTERNOON. UNUSUAL WAVE ACTION IS POSSIBLE FOR SEVERAL HOURS AFTER ARRIVAL OF THE FIRST TSUNAMI WAVE. TSUNAMI WAVES WILL VARY IN HEIGHT ALONG THE COAST DUE TO LOCAL COASTLINE CONFIGURATION AND THE SLOPE OF THE OCEAN FLOOR. FORECAST MODEL DATA INDICATES WAVE HEIGHTS OF 3 FEET OR LESS MAY OCCUR ALONG THE U.S. SOUTHEAST COAST. TSUNAMI WAVES ARE MUCH MORE POWERFUL THAN WIND GENERATED WAVES AND MAY SPREAD TO THE DUNE LINE IN SOME LOCATIONS. STRONG AND DANGEROUS CURRENTS WILL LIKELY BE THE GREATEST HAZARD.

EMERGENCY MANAGEMENT OFFICIALS ADVISE ALL RESIDENTS AND VISITORS TO EVACUATE AREA BEACHES AND TO REMAIN INLAND OF THE DUNE LINE UNTIL FURTHER NOTICE. TSUNAMI WAVES OF 3 FEET OR LESS ARE NOT EXPECTED TO REACH STRUCTURES ALONG THE BEACH...BUT BEACHES SHOULD BE EVACUATED IMMEDIATELY. LISTEN TO SPECIFIC ADVICE FROM LOCAL EMERGENCY MANAGEMENT OFFICIALS.

TSUNAMI WAVES ARE AMPLIFIED AS THEY ENTER INLETS...HARBORS...AND PORTS.
BOATERS SHOULD PREPARE FOR SURGES WITHIN PONCE INLET...PORT CANAVERAL...
SEBASTIAN INLET...FT. PIERCE INLET...ST. LUCIE INLET...AND JUPITER INLET.
DEBRIS MOVING WITHIN STRONG CURRENTS CAN CAUSE DAMAGE TO DOCKS AND BOAT
HOUSES.

STAY TUNED TO NOAA WEATHER RADIO AND YOUR LOCAL MEDIA FOR FURTHER UPDATES.
THIS STATEMENT WILL BE UPDATED AS ADDITIONAL INFORMATION BECOMES AVAILABLE
FROM THE ALASKA TSUNAMI WARNING CENTER.

THIS IS A TSUNAMI DRILL...A REAL TSUNAMI HAS NOT OCCURRED. THIS IS A TSUNAMI
DRILL.

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EXERCISE