

**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 10

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK

131 PM AST WED MAR 23 2011

...A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR 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

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 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
KEY BISCAYNE-FL	25.7N 80.2W	1258 AST	1.50 FT/0.46 M
MIAMI-FL	25.9N 80.1W	1301 AST	1.22 FT/0.37 M
CAPE CANAVERAL-FL	28.4N 80.6W	1328 AST	1.91 FT/0.58 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).

TSUNAMI AMPLITUDES ARE EXPECTED TO REACH BETWEEN 0.3 AND 0.5 METERS
IN SOME REGIONS UNDER ADVISORY FROM SOUTH CAROLINA TO FLORIDA.
TSUNAMIS OF THIS AMPLITUDE ARE ACCOMPANIED BY STRONG CURRENTS
CAPABLE OF INFLECTING DAMAGE TO COASTAL STRUCTURES.

TSUNAMI AMPLITUDES HAVE REACHED 0.3 TO 0.6 METERS ALONG PORTIONS OF THE
FLORIDA EAST COAST. ADDITIONAL WAVES OF SIMILAR AMPLITUDE... ALONG WITH
STRONG AND DANGEROUS CURRENTS WILL CONTINUE TO IMPACT THE COAST FROM
FLORIDA TO SOUTH CAROLINA FOR SEVERAL MORE OURS. ALL RESIDENTS AND VISITORS
SHOULD REMAIN AWAY FROM BEACHES... BEACHFRONT STRUCTURES... AND EAST FACING
HARBOURS AND INLETS.

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

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-
051-231831-
COASTAL AREAS FROM FLAMINGO FLORIDA TO SOUTH SANTEE RIVER SOUTH
CAROLINA
131 PM AST WED MAR 23 2011

...A TSUNAMI ADVISORY REMAINS 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
145 PM EDT WED MAR 23 2011**

AMZ550-552-555-570-572-575-FLZ047-054-059-064-141-147-231-
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-
145 PM EDT WED MAR 24 2010

...DRILL TSUNAMI ADVISORY REMAINS IN EFFECT...
...TSUNAMI WAVES AND STRONG CURRENTS HAVE BEGUN TO IMPACT FLORIDA BEACHES...
...LOCAL ACTION STATEMENT FOLLOWS...

A STRONG EARTHQUAKE NORTHEAST OF PUERTO RICO HAS CREATED A TSUNAMI. SMALL
TSUNAMI WAVES ALONG WITH STRONG AND DANGEROUS CURRENTS HAVE BEGUN TO IMPACT
THE EAST CENTRAL FLORIDA COAST...WITH UNUSUAL WAVE ACTION OBSERVED AT
STUART...FT. PIERCE AND CAPE CANAVERAL. A BUOY AT THE ENTRANCE OF PORT
CANVERAL RECENTLY RECORDED A TSUNAMI AMPLITUDE OF 1.9 FEET ABOVE NORMAL WATER
LEVELS. A DRILL TSUNAMI ADVISORY REMAINS IN EFFECT 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 WIDESPEAD INUNDATION IS NOT EXPECTED. TSUNAMIS ARE A SERIES OF
WAVES POTENTIALLY DANGEROUS FOR SEVERAL HOURS AFTER INITIAL ARRIVAL TIME.
BEACHES SHOULD REMAIN EVACUATED. COASTAL RESIDENCES AND BUSINESSES SHOULD NOT
BE IMPACTED.

UNUSUAL WAVE ACTION IS LIKELY THROUGH AT LEAST THE REMAINDER OF THE AFTERNOON
ALONG MUCH OF THE EAST CENTRAL FLORIDA COAST. TSUNAMI WAVES WILL VARY IN
HEIGHT ALONG THE COAST DUE TO LOCAL COASTLINE CONFIGURATION AND THE SLOPE OF
THE OCEAN FLOOR...WITH AVERAGE TSUNAMI AMPLITUDES OF 1.5 to 2.0 FEET EXPECTED
ALONG THE EAST CENTRAL FLORIDA 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 BE THE GREATEST HAZARD. TSUNAMI WAVES OF
ONLY 1.5 FEET CAN CAUSE DAMAGE DUE TO THE STRONG CURRENTS.

ALL EAST CENTRAL FLORIDA BEACHES ARE CLOSED. EMERGENCY MANAGEMENT OFFICIALS
ADVISE ALL RESIDENTS AND VISITORS TO REMAIN OFF AREA BEACHES AND TO REMAIN
INLAND OF THE DUNE LINE UNTIL FURTHER NOTICE. 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