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WECA40 PHEB 300303
TSUCAR

TSUNAMI MESSAGE NUMBER 1
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH
1103 PM AST FRI JAN 29 2016

...A TSUNAMI ADVISORY IS NOW IN EFFECT...

AUDIENCE

- * GOVERNMENT OFFICIALS... MEDIA... AND GENERAL PUBLIC OF PUERTO RICO... THE U.S. VIRGIN ISLANDS... AND THE BRITISH VIRGIN ISLANDS.

EVALUATION

- * AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 6.8 OCCURRED ABOUT 49 MILES NORTH OF PUERTO RICO AT 1100 PM AST ON FRIDAY JANUARY 29 2016.
- * BASED ON ALL AVAILABLE DATA... THERE IS A TSUNAMI THREAT TO PUERTO RICO AND THE VIRGIN ISLANDS OF SEA LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A HAZARD ALONG COASTS... BEACHES... IN HARBORS... AND IN COASTAL WATERS.
- * THE EARLIEST ESTIMATED TIME THAT HAZARDOUS SEA LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS MAY BEGIN IN PUERTO RICO AND THE VIRGIN ISLANDS IS

1109 PM AST ON FRIDAY JANUARY 29 2016

- * ACTIONS TO PROTECT HUMAN LIFE... SAFETY AND PROPERTY SHOULD BE TAKEN IMMEDIATELY.
- * THE GENERATION OF TSUNAMI WAVES HAS NOT YET BEEN CONFIRMED.
- * MONITORING IS UNDERWAY TO FURTHER EVALUATE THE TSUNAMI THREAT.
- * PEOPLE MAY HAVE EXPERIENCED SHAKING FROM THE EARTHQUAKE.

PRELIMINARY EARTHQUAKE PARAMETERS

- * THE FOLLOWING PARAMETERS ARE BASED ON A PRELIMINARY RAPID ASSESSMENT OF THE EARTHQUAKE AND CHANGES MAY OCCUR.

* MAGNITUDE 6.8
 * ORIGIN TIME 1100 PM AST JAN 29 2016
 * COORDINATES 19.2 NORTH 66.4 WEST
 * DEPTH 8 MILES
 * LOCATION ABOUT 49 MILES NORTH OF PUERTO RICO

RECOMMENDED ACTIONS

- * ACTIONS REQUIRED TO PROTECT HUMAN LIFE... SAFETY AND PROPERTY WILL VARY WITHIN THE TSUNAMI ADVISORY AREA.
- * PERSONS LOCATED IN OR NEAR THE OCEAN SHOULD MOVE OUT OF THE WATER... OFF THE BEACH AND AWAY FROM HARBORS... MARINAS... BAYS AND INLETS.
- * DO NOT GO TO THE SHORE TO OBSERVE THE TSUNAMI.
- * DO NOT RETURN TO EVACUATED AREAS UNTIL THE ALL CLEAR IS GIVEN BY LOCAL AUTHORITIES.
- * BE ALERT TO AND FOLLOW INSTRUCTIONS FROM LOCAL EMERGENCY MANAGEMENT OFFICIALS BECAUSE THEY MAY HAVE MORE DETAILED OR SPECIFIC INFORMATION FOR YOUR LOCATION.
- * BOATERS - WHERE TIME AND CONDITIONS PERMIT... MOVE YOUR BOAT OUT TO SEA TO A DEPTH OF AT LEAST 450 FEET.
- * BOATERS - IF AT SEA... AVOID ENTERING SHALLOW WATER... HARBORS... MARINAS... BAYS AND INLETS TO AVOID FLOATING AND SUBMERGED DEBRIS AND STRONG CURRENTS.

FORECASTS OF TSUNAMI ACTIVITY

- * ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE ARE GIVEN BELOW.
- * OBSERVED ARRIVAL TIMES MAY DIFFER FROM THESE ETAS AND THE INITIAL WAVE MAY NOT BE THE LARGEST.
- * FORECAST TSUNAMI HEIGHTS AND DURATIONS ARE NOT YET AVAILABLE.
- * A TSUNAMI IS A SERIES OF WAVES AND THE DURATION OF EACH WAVE CAN BE FIVE MINUTES TO ONE HOUR.

TERRITORY	COASTAL LOCATION	ETA (AST)	FORECAST HEIGHT	FORECAST DURATION
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PUERTO RICO	ARECIBO	1109 PM
	SAN JUAN	1109 PM
	MAYAGUEZ	1118 PM
	AGUADILLA	1119 PM
	MONA ISLAND	1127 PM
	PENUELAS	1137 PM
	PONCE	1141 PM
	MAGUEYES IS	1144 PM
	FAJARDO	1147 PM
	YABUCOA	1147 PM
	CAJA DE MUERTOS	1151 PM
	CULEBRA IS	1201 AM
	VIEQUES IS	1202 AM
USVI	CHRISTIANSTED	1141 PM
	LIMETREE	1144 PM
	LAMESHUR BAY	1207 AM
	CHARLOTTE AMALIE	1219 AM
BVI	ANEGADA	1134 PM
	VIRGIN GORDA	1155 PM
	ROADTOWN	1255 AM

OBSERVATIONS OF TSUNAMI ACTIVITY

* NO OBSERVATIONS OF TSUNAMI ACTIVITY ARE AVAILABLE YET.

IMPACTS

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- * IMPACTS WILL VARY AT DIFFERENT LOCATIONS WITHIN PUERTO RICO AND THE VIRGIN ISLANDS.
 - * SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY LESS THAN 3 FEET ABOVE AND BELOW THE TIDE LEVEL.
 - * WAVES AND CURRENTS THAT CAN DROWN OR INJURE PEOPLE IN THE WATER.
 - * WAVES AND CURRENTS ON BEACHES AND IN HARBORS... MARINAS... BAYS... AND INLETS THAT MAY BE ESPECIALLY DANGEROUS.
 - * THE HAZARD IS FORECAST TO BEGIN AROUND 1109 PM AST ON FRIDAY JANUARY 29 2016 AND IT CAN PERSIST FOR MANY HOURS OR LONGER.

NEXT UPDATE AND ADDITIONAL INFORMATION

- * THE NEXT MESSAGE WILL BE ISSUED IN THIRTY MINUTES... OR SOONER IF THE SITUATION WARRANTS.
- * FURTHER INFORMATION ABOUT THIS EVENT AND ANY TSUNAMI THREAT TO PUERTO RICO AND THE VIRGIN ISLANDS MAY BE FOUND ON THE INTERNET AT WWW.TSUNAMI.GOV.
- * INFORMATION REGARDING ANY TSUNAMI THREAT TO US GULF OR ATLANTIC COASTS WILL BE ISSUED BY THE US NATIONAL TSUNAMI WARNING CENTER AND CAN BE FOUND ON THE INTERNET AT WWW.TSUNAMI.GOV.
- * AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE CAN BE OBTAINED FROM THE CORRESPONDING REGIONAL SEISMIC NETWORK OR THE U.S. GEOLOGICAL SURVEY ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL LOWERCASE LETTERS-.

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