

CARIBE EWS LANTEX 2014 SUPPLEMENT

PTWC TSUNAMI MESSAGES FOR LANTEX MARCH 26, 2014 GULF OF MEXICO SCENARIO

For the LANTEX March 26, 2014 Gulf of Mexico Scenario, in support of CARIBE EWS, the PTWC will issue both a Dummy Message and simulated tsunami alert messages. While the Dummy Message will be transmitted over the standard broadcast channels of the PTWC (Table 1), in order to receive the simulated alert messages (Table 2), the interested party must have registered and requested these products. The registration is available at <http://www.prsn.uprm.edu/caribewave-lantex2014/registro>. For the full description of the Exercise and Scenario, as well as the NTWC products and timelines, refer to the exercise handbook <http://caribewave.info>.

Table 1: Product Types Issued for Dummy Message with Transmission Methods

Center	WMO ID	AWIPS ID	NWWS	GTS	EMWIN	AISR	Fax	Email
PTWC	WECA41 PHEB	TSUCAX	Yes	Yes	Yes	Yes	Yes	Yes

NWWS NOAA Weather Wire Service <http://www.nws.noaa.gov/nwWS>

GTS Global Telecommunications System
<http://www.wmo.int/pages/prog/www/TEM/GTS/>

EMWIN Emergency Manager's Weather Information Network
<http://www.nws.noaa.gov/emwin/>

AISR Aeronautical Information System Replacement
<https://www.aisr.nas.faa.gov/AISR/>

Table 2: PTWC Scenario Timeline for Tsunami generated by a magnitude 6.6 earthquake with epicenter at 27.5 NORTH, 91.3 WEST occurring on March 26, 2014 at 1400 UTC.

Date (UTC)	Time (UTC)	PTWC Message			
		#	Type	Dummy	Email
03/26/2014	1400		***Earthquake Occurs***		
03/26/2014	1403		Dummy	Yes	Yes
03/26/2014	1403	01	Information	Yes	Yes*
03/26/2014	1502	02	Watch	No	Yes*
03/26/2014	1602	03	Watch	No	Yes*
03/26/2014	1702	04	Watch	No	Yes*
03/26/2014	1802	05	Watch	No	Yes*
03/26/2014	1902	06	Watch	No	Yes*
03/26/2014	2002	07	Watch	No	Yes*
03/26/2014	2102	08	Watch	No	Yes*
03/26/2014	2202	09	Watch	No	Yes*
03/26/2014	2302	10	Can	No	Yes*

DUMMY MESSAGE

The following dummy message will be transmitted by the PTWC thru all the standard broadcast channels (Table 1).

WECA41 PHEB 261403
TSUCAX

TEST...TSUNAMI EXERCISE MESSAGE NUMBER 1...TEST
NWS PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1403Z 26 MAR 2014

...LANTEX 14 TSUNAMI EXERCISE MESSAGE. REFER TO PTWC MESSAGE 1 IN THE
PTWC CARIBE EWS SUPPLEMENT. THIS IS AN EXERCISE ONLY...

THIS MESSAGE IS BEING USED TO START THE LANTEX 14 GULF OF MEXICO TSUNAMI
EXERCISE. THIS WILL BE THE ONLY EXERCISE MESSAGE BROADCAST FROM THE
PACIFIC TSUNAMI WARNING CENTER EXCLUDING SPECIAL EMAIL MESSAGES DISCUSSED
IN THE SUPPLEMENT. THE HANDBOOK AND SUPPLEMENT IS AVAILABLE AT THE WEB
SITE CARIBEWAVE.INFO. THE EXERCISE PURPOSE IS TO PROVIDE EMERGENCY
MANAGEMENT A SCENARIO TO TEST TSUNAMI RESPONSE PLANS.

THIS IS ONLY AN EXERCISE.

TWC Exercise Messages

The following messages were created in support of the CARIBE EWS for the
LANTEX 14 Gulf of Mexico tsunami exercise. They are representative of
the official standard products issued by the PTWC during a magnitude 6.6
earthquake and tsunami originating 186 miles southwest of New Orleans,
Louisiana at 27.49oN, 91.29oW. The alerts would persist longer during a
real event than is depicted in this exercise.

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TEST...**TSUNAMI STATEMENT NUMBER 1**...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1403 UTC SUN MAR 16 2014

THIS STATEMENT APPLIES TO COUNTRIES WITHIN AND BORDERING THE
CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN
ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... TSUNAMI INFORMATION STATEMENT ...

THIS MESSAGE IS FOR INFORMATION ONLY.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY
NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE

DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

EVALUATION

A DESTRUCTIVE WIDESPREAD TSUNAMI THREAT DOES NOT EXIST BASED ON HISTORICAL EARTHQUAKE AND TSUNAMI DATA.

THIS WILL BE THE ONLY PRODUCT ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT UNLESS ADDITIONAL INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 2**...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1502 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

THIS IS AN UPGRADE TO THE PREVIOUSLY ISSUED TSUNAMI INFORMATION STATEMENT.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS FOR INFORMATION ONLY AT THIS TIME.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE	TIME OF	MAXIMUM	WAVE
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GAUGE LOCATION	COORDINATES		MEASURE (UTC)	TSUNAMI HEIGHT	PERIOD (MIN)
	LAT	LON			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7

LAT - LATITUDE (N-NORTH, S-SOUTH)
 LON - LONGITUDE (E-EAST, W-WEST)
 TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
 AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.
 IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
 VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
 PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
 PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
 EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
 BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER
 THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED
 FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE
 THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN
 CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL
 CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE
 ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS
 WITHIN THE WARNING AND WATCH AREAS 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
 SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES		ARRIVAL TIME
CUBA	LA_HABANA	23.2N	82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N	82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N	97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N	97.1W	1608Z 26 MAR
	COZUMEL	20.5N	87.0W	1611Z 26 MAR
	VERACRUZ	19.2N	96.1W	1619Z 26 MAR
	PROGRESO	21.3N	89.7W	1734Z 26 MAR
	CAMPECHE	19.9N	90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI
 WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER
 IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 3**...TEST
 NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
 1602 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE
CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN
ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS
FOR INFORMATION ONLY AT THIS TIME.

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NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE
DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND
ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LON			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N	90.0W	1458	4.27M/14.0FT	10

LAT - LATITUDE (N-NORTH, S-SOUTH)
LON - LONGITUDE (E-EAST, W-WEST)
TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.
IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS WITHIN THE WARNING AND WATCH AREAS 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 SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
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CUBA	LA_HABANA	23.2N 82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N 82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N 97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N 97.1W	1608Z 26 MAR
	COZUMEL	20.5N 87.0W	1611Z 26 MAR
	VERACRUZ	19.2N 96.1W	1619Z 26 MAR
	PROGRESO	21.3N 89.7W	1734Z 26 MAR
	CAMPECHE	19.9N 90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 4**...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1702 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS FOR INFORMATION ONLY AT THIS TIME.

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AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES LAT LON	TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
PILOTS STATION LA	28.9N 89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N 90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N 91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N 87.2W	1609	2.93M/ 9.6FT	11
EUGENE ISLAND LA	29.4N 91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N 90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N 96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N 86.7W	1637	0.32M/ 1.0FT	12

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER
THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED
FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE
THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN
CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL
CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE
ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS
WITHIN THE WARNING AND WATCH AREAS 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
SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
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CUBA	LA_HABANA	23.2N	82.4W	1548Z	26 MAR
	NUEVA_GERONA	21.9N	82.8W	1956Z	26 MAR
MEXICO	MADERO	22.3N	97.8W	1605Z	26 MAR
	TEXAS_BORDER	26.0N	97.1W	1608Z	26 MAR
	COZUMEL	20.5N	87.0W	1611Z	26 MAR
	VERACRUZ	19.2N	96.1W	1619Z	26 MAR
	PROGRESO	21.3N	89.7W	1734Z	26 MAR
	CAMPECHE	19.9N	90.5W	2020Z	26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 5**...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1802 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS FOR INFORMATION ONLY AT THIS TIME.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES LAT LON	TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
PILOTS STATION LA	28.9N 89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N 90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N 91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N 87.2W	1609	2.93M/ 9.6FT	11

EUGENE ISLAND LA	29.4N	91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N	90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N	96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N	86.7W	1637	0.32M/ 1.0FT	12
CORPUS CHRISTI TX	27.6N	97.2W	1720	3.57M/11.7FT	13
ROCKPORT TX	28.0N	97.0W	1721	2.83M/ 9.3FT	12
FREE PORT TX	28.9N	95.3W	1727	2.04M/ 6.7FT	9
KEY WEST FL	24.6N	81.8W	1743	2.13M/ 7.0FT	11
DAUPHIN ISLAND AL	30.3N	88.1W	1745	1.31M/ 4.3FT	9
APALACHICOLA FL	29.7N	85.0W	1754	0.73M/ 2.4FT	12

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER
THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED
FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE
THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN
CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL
CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE
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ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS
WITHIN THE WARNING AND WATCH AREAS 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
SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
CUBA	LA_HABANA	23.2N 82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N 82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N 97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N 97.1W	1608Z 26 MAR
	COZUMEL	20.5N 87.0W	1611Z 26 MAR
	VERACRUZ	19.2N 96.1W	1619Z 26 MAR
	PROGRESO	21.3N 89.7W	1734Z 26 MAR
	CAMPECHE	19.9N 90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI

WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER
IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 6**...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
1902 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE
CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN
ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS
FOR INFORMATION ONLY AT THIS TIME.

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NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE
DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND
ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LON			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N	90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N	91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N	87.2W	1609	2.93M/ 9.6FT	11
EUGENE ISLAND LA	29.4N	91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N	90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N	96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N	86.7W	1637	0.32M/ 1.0FT	12
CORPUS CHRISTI TX	27.6N	97.2W	1720	3.57M/11.7FT	13
ROCKPORT TX	28.0N	97.0W	1721	2.83M/ 9.3FT	12
FREE PORT TX	28.9N	95.3W	1727	2.04M/ 6.7FT	9
KEY WEST FL	24.6N	81.8W	1743	2.13M/ 7.0FT	11
DAUPHIN ISLAND AL	30.3N	88.1W	1745	1.31M/ 4.3FT	9
APALACHICOLA FL	29.7N	85.0W	1754	0.73M/ 2.4FT	12

VACA KEY FL	24.7N	81.1W	1806	0.70M/	2.3FT	8
PANAMA CITY FL	30.2N	85.7W	1808	0.71M/	2.3FT	13
GALVESTON TX	29.3N	94.8W	1814	1.40M/	4.6FT	10
WAVELAND MS	30.3N	89.3W	1834	0.06M/	0.2FT	8
FORT MYERS FL	26.6N	81.9W	1849	1.34M/	4.4FT	11

LAT - LATITUDE (N-NORTH, S-SOUTH)
 LON - LONGITUDE (E-EAST, W-WEST)
 TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
 AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.
 IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
 VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
 PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED... PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERRED BY THE EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS WITHIN THE WARNING AND WATCH AREAS 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 SUCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
CUBA	LA_HABANA	23.2N 82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N 82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N 97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N 97.1W	1608Z 26 MAR
	COZUMEL	20.5N 87.0W	1611Z 26 MAR
	VERACRUZ	19.2N 96.1W	1619Z 26 MAR
	PROGRESO	21.3N 89.7W	1734Z 26 MAR
	CAMPECHE	19.9N 90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 7**...TEST
 NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI

2002 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE
CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN
ISLANDS...AND THE U.K. VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS
FOR INFORMATION ONLY AT THIS TIME.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY
NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE
DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND
ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LOX			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N	90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N	91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N	87.2W	1609	2.93M/ 9.6FT	11
EUGENE ISLAND LA	29.4N	91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N	90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N	96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N	86.7W	1637	0.32M/ 1.0FT	12
CORPUS CHRISTI TX	27.6N	97.2W	1720	3.57M/11.7FT	13
ROCKPORT TX	28.0N	97.0W	1721	2.83M/ 9.3FT	12
FREE PORT TX	28.9N	95.3W	1727	2.04M/ 6.7FT	9
KEY WEST FL	24.6N	81.8W	1743	2.13M/ 7.0FT	11
DAUPHIN ISLAND AL	30.3N	88.1W	1745	1.31M/ 4.3FT	9
APALACHICOLA FL	29.7N	85.0W	1754	0.73M/ 2.4FT	12
VACA KEY FL	24.7N	81.1W	1806	0.70M/ 2.3FT	8
PANAMA CITY FL	30.2N	85.7W	1808	0.71M/ 2.3FT	13
GALVESTON TX	29.3N	94.8W	1814	1.40M/ 4.6FT	10
WAVELAND MS	30.3N	89.3W	1834	0.06M/ 0.2FT	8
FORT MYERS FL	26.6N	81.9W	1849	1.34M/ 4.4FT	11

NAPLES FL	26.1N	81.8W	1854	1.55M/	5.1FT	10
MOBIL AL	30.7N	88.0W	1953	0.52M/	1.7FT	10
VIRGINIA KEY FL	25.7N	80.2W	1934	0.52M/	1.7FT	10

LAT - LATITUDE (N-NORTH, S-SOUTH)
 LON - LONGITUDE (E-EAST, W-WEST)
 TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
 AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.
 IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
 VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
 PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
 PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
 EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
 BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER
 THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED
 FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE
 THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN
 CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL
 CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE
 ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS
 WITHIN THE WARNING AND WATCH AREAS 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
 SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
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CUBA	LA_HABANA	23.2N 82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N 82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N 97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N 97.1W	1608Z 26 MAR
	COZUMEL	20.5N 87.0W	1611Z 26 MAR
	VERACRUZ	19.2N 96.1W	1619Z 26 MAR
	PROGRESO	21.3N 89.7W	1734Z 26 MAR
	CAMPECHE	19.9N 90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI
 WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER
 IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 8**...TEST
 NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
 2102 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE
CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN
ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS
FOR INFORMATION ONLY AT THIS TIME.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY
NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE
DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND
ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LOX			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N	90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N	91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N	87.2W	1609	2.93M/ 9.6FT	11
EUGENE ISLAND LA	29.4N	91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N	90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N	96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N	86.7W	1637	0.32M/ 1.0FT	12
CORPUS CHRISTI TX	27.6N	97.2W	1720	3.57M/11.7FT	13
ROCKPORT TX	28.0N	97.0W	1721	2.83M/ 9.3FT	12
FREE PORT TX	28.9N	95.3W	1727	2.04M/ 6.7FT	9
KEY WEST FL	24.6N	81.8W	1743	2.13M/ 7.0FT	11
DAUPHIN ISLAND AL	30.3N	88.1W	1745	1.31M/ 4.3FT	9
APALACHICOLA FL	29.7N	85.0W	1754	0.73M/ 2.4FT	12
VACA KEY FL	24.7N	81.1W	1806	0.70M/ 2.3FT	8
PANAMA CITY FL	30.2N	85.7W	1808	0.71M/ 2.3FT	13
GALVESTON TX	29.3N	94.8W	1814	1.40M/ 4.6FT	10
WAVELAND MS	30.3N	89.3W	1834	0.06M/ 0.2FT	8
FORT MYERS FL	26.6N	81.9W	1849	1.34M/ 4.4FT	11
NAPLES FL	26.1N	81.8W	1854	1.55M/ 5.1FT	10
MOBIL AL	30.7N	88.0W	1953	0.52M/ 1.7FT	10

VIRGINIA KEY FL 25.7N 80.2W 1934 0.52M/ 1.7FT 10
ST PETERSBURG FL 27.8N 82.6W 2033 0.37M/ 1.2FT 9

LAT - LATITUDE (N-NORTH, S-SOUTH)
LON - LONGITUDE (E-EAST, W-WEST)
TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.
IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER
THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED
FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE
THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN
CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL
CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE
ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS
WITHIN THE WARNING AND WATCH AREAS 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
SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
CUBA	LA_HABANA	23.2N 82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N 82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N 97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N 97.1W	1608Z 26 MAR
	COZUMEL	20.5N 87.0W	1611Z 26 MAR
	VERACRUZ	19.2N 96.1W	1619Z 26 MAR
	PROGRESO	21.3N 89.7W	1734Z 26 MAR
	CAMPECHE	19.9N 90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI
WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER
IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 9**...TEST
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
2202 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE

CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... A REGIONAL TSUNAMI WATCH IS IN EFFECT ...

MEASUREMENTS OF THE TSUNAMI ARE UPDATED IN THIS MESSAGE.

A TSUNAMI WATCH IS IN EFFECT FOR

CUBA / MEXICO

FOR OTHER AREAS OF THE CARIBBEAN COVERED BY THIS MESSAGE...IT IS FOR INFORMATION ONLY AT THIS TIME.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LON			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N	90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N	91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N	87.2W	1609	2.93M/ 9.6FT	11
EUGENE ISLAND LA	29.4N	91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N	90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N	96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N	86.7W	1637	0.32M/ 1.0FT	12
CORPUS CHRISTI TX	27.6N	97.2W	1720	3.57M/11.7FT	13
ROCKPORT TX	28.0N	97.0W	1721	2.83M/ 9.3FT	12
FREE PORT TX	28.9N	95.3W	1727	2.04M/ 6.7FT	9
KEY WEST FL	24.6N	81.8W	1743	2.13M/ 7.0FT	11
DAUPHIN ISLAND AL	30.3N	88.1W	1745	1.31M/ 4.3FT	9
APALACHICOLA FL	29.7N	85.0W	1754	0.73M/ 2.4FT	12
VACA KEY FL	24.7N	81.1W	1806	0.70M/ 2.3FT	8
PANAMA CITY FL	30.2N	85.7W	1808	0.71M/ 2.3FT	13
GALVESTON TX	29.3N	94.8W	1814	1.40M/ 4.6FT	10
WAVELAND MS	30.3N	89.3W	1834	0.06M/ 0.2FT	8
FORT MYERS FL	26.6N	81.9W	1849	1.34M/ 4.4FT	11
NAPLES FL	26.1N	81.8W	1854	1.55M/ 5.1FT	10
MOBIL AL	30.7N	88.0W	1953	0.52M/ 1.7FT	10
VIRGINIA KEY FL	25.7N	80.2W	1934	0.52M/ 1.7FT	10

ST PETERSBURG FL	27.8N	82.6W	2033	0.37M/ 1.2FT	9
PORT ISABEL TX	26.1N	97.2W	2055	0.34M/ 1.1FT	13

LAT - LATITUDE (N-NORTH, S-SOUTH)
 LON - LONGITUDE (E-EAST, W-WEST)
 TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
 AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.
 IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
 VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
 PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A LARGE TSUNAMI WAS GENERATED...
 PROBABLY BY AN UNDERWATER LANDSLIDE TRIGGERED BY THE
 EARTHQUAKE.

A TSUNAMI THREAT EXISTS FOR COASTAL AREAS OF MEXICO AND CUBA
 BORDERING OR ADJACENT TO THE GULF OF MEXICO.

WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT LEAST TWO HOURS AFTER
 THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES HAVE NOT OCCURRED
 FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE
 THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN
 CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL
 CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE
 ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS
 WITHIN THE WARNING AND WATCH AREAS 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
 SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME
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CUBA	LA_HABANA	23.2N 82.4W	1548Z 26 MAR
	NUEVA_GERONA	21.9N 82.8W	1956Z 26 MAR
MEXICO	MADERO	22.3N 97.8W	1605Z 26 MAR
	TEXAS_BORDER	26.0N 97.1W	1608Z 26 MAR
	COZUMEL	20.5N 87.0W	1611Z 26 MAR
	VERACRUZ	19.2N 96.1W	1619Z 26 MAR
	PROGRESO	21.3N 89.7W	1734Z 26 MAR
	CAMPECHE	19.9N 90.5W	2020Z 26 MAR

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI
 WARNING CENTER FOR THIS EVENT AT LEAST EVERY HOUR OR SOONER
 IF MORE INFORMATION BECOMES AVAILABLE.

TEST...**TSUNAMI MESSAGE NUMBER 10**...TEST
 NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
 2302 UTC WED MAR 26 2014

THIS MESSAGE APPLIES TO COUNTRIES WITHIN AND BORDERING THE
CARIBBEAN SEA...EXCEPT FOR PUERTO RICO...THE U.S. VIRGIN
ISLANDS...AND THE BRITISH VIRGIN ISLANDS.

... THE TSUNAMI WATCH IS CANCELLED ...

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY
NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE
DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND
ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1400Z 26 MAR 2014
COORDINATES - 27.5 NORTH 91.3 WEST
LOCATION - GULF OF MEXICO
MAGNITUDE - 6.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	GAUGE COORDINATES		TIME OF MEASURE (UTC)	MAXIMUM TSUNAMI HEIGHT	WAVE PERIOD (MIN)
	LAT	LON			
PILOTS STATION LA	28.9N	89.4W	1433	6.16M/20.2FT	7
GRAND ISLE LA	29.3N	90.0W	1458	4.27M/14.0FT	10
BERWICK LA	29.7N	91.2W	1608	3.20M/10.5FT	9
PENSACOLA FL	30.4N	87.2W	1609	2.93M/ 9.6FT	11
EUGENE ISLAND LA	29.4N	91.4W	1613	2.71M/ 8.9FT	8
PORT FOURCHON LA	29.1N	90.2W	1623	1.21M/ 4.0FT	12
VERACRUZ MX	19.2N	96.1W	1628	0.94M/ 3.1FT	9
ISLA MUJERES MX	21.2N	86.7W	1637	0.32M/ 1.0FT	12
CORPUS CHRISTI TX	27.6N	97.2W	1720	3.57M/11.7FT	13
ROCKPORT TX	28.0N	97.0W	1721	2.83M/ 9.3FT	12
FREE PORT TX	28.9N	95.3W	1727	2.04M/ 6.7FT	9
KEY WEST FL	24.6N	81.8W	1743	2.13M/ 7.0FT	11
DAUPHIN ISLAND AL	30.3N	88.1W	1745	1.31M/ 4.3FT	9
APALACHICOLA FL	29.7N	85.0W	1754	0.73M/ 2.4FT	12
VACA KEY FL	24.7N	81.1W	1806	0.70M/ 2.3FT	8
PANAMA CITY FL	30.2N	85.7W	1808	0.71M/ 2.3FT	13
GALVESTON TX	29.3N	94.8W	1814	1.40M/ 4.6FT	10
WAVELAND MS	30.3N	89.3W	1834	0.06M/ 0.2FT	8
FORT MYERS FL	26.6N	81.9W	1849	1.34M/ 4.4FT	11
NAPLES FL	26.1N	81.8W	1854	1.55M/ 5.1FT	10
MOBIL AL	30.7N	88.0W	1953	0.52M/ 1.7FT	10
VIRGINIA KEY FL	25.7N	80.2W	1934	0.52M/ 1.7FT	10
ST PETERSBURG FL	27.8N	82.6W	2033	0.37M/ 1.2FT	9
PORT ISABEL TX	26.1N	97.2W	2055	0.34M/ 1.1FT	13

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

A SIGNIFICANT TSUNAMI WAS GENERATED BY THIS EARTHQUAKE.
HOWEVER...SEA LEVEL READINGS NOW INDICATE THAT THE THREAT HAS
DIMINISHED OR IS OVER FOR MOST AREAS. THEREFORE THE TSUNAMI
WATCH ISSUED BY THIS CENTER IS NOW CANCELLED.

FOR ANY AFFECTED AREAS - WHEN NO MAJOR WAVES HAVE OCCURRED FOR AT
LEAST TWO HOURS AFTER THE ESTIMATED ARRIVAL TIME OR DAMAGING WAVES
HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES
CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL
STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS.
AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE
ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL
AUTHORITIES.

THIS WILL BE THE FINAL PRODUCT ISSUED BY THE PACIFIC TSUNAMI
WARNING CENTER FOR THIS EVENT UNLESS ADDITIONAL INFORMATION
BECOMES AVAILABLE.