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 WEIO21 PHEB 111318  
 TSUIOX

TSUNAMI BULLETIN NUMBER 007  
 PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS  
 ISSUED AT 1318Z 11 APR 2012

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... TSUNAMI WATCH CANCELLATION SUPPLEMENT ...

... UPDATED SEA-LEVEL MEASUREMENTS ...

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 - 0839Z 11 APR 2012  
 COORDINATES - 2.3 NORTH 93.1 EAST  
 LOCATION - OFF W COAST OF NORTHERN SUMATRA  
 MAGNITUDE - 8.7

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	Lon	TIME	AMPL	PER
MALE MV	4.2N	73.5E	1223Z	0.19M / 0.6FT	06MIN
GAN MV	0.7S	73.2E	1212Z	0.03M / 0.1FT	48MIN
HANIMAADHOO MV	6.8N	73.2E	1235Z	0.25M / 0.8FT	06MIN
PADANG ID	1.0S	100.4E	1208Z	0.09M / 0.3FT	34MIN
KO TAPHAO NOI TH	7.8N	98.4E	1143Z	0.05M / 0.2FT	06MIN
ENGGANO ID	5.3S	102.3E	1104Z	0.12M / 0.4FT	04MIN
TRINCONMALEE LK	8.6N	81.2E	1129Z	0.06M / 0.2FT	16MIN
TELUKDALAM ID	0.6N	97.8E	1044Z	0.22M / 0.7FT	14MIN
COCOS ISLAND AU	12.1S	96.9E	1102Z	0.08M / 0.3FT	18MIN
SABANG ID	5.8N	95.3E	1010Z	0.36M / 1.2FT	06MIN
MEULABOH ID	4.1N	96.1E	1007Z	1.06M / 3.5FT	12MIN
DART 23401	8.9N	88.5E	0956Z	0.03M / 0.1FT	06MIN

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 NORMAL 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.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL MEASUREMENTS AT SIMILAR LOCATIONS.

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 BULLETIN ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT UNLESS ADDITIONAL INFORMATION BECOMES AVAILABLE.

THE JAPAN METEOROLOGICAL AGENCY MAY ISSUE ADDITIONAL INFORMATION FOR THIS EVENT. IN THE CASE OF CONFLICTING INFORMATION...THE MORE CONSERVATIVE INFORMATION SHOULD BE USED FOR SAFETY.