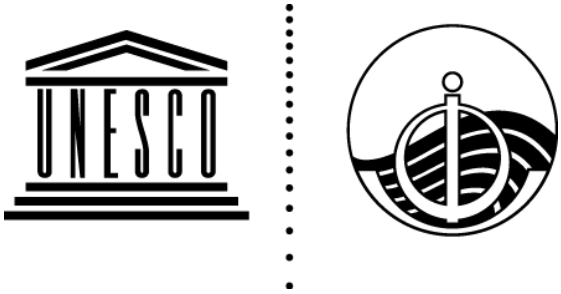
Intergovernmental Oceanographic Commission
Technical Series
99



EXERCISE
INDIAN OCEAN WAVE 2011
An Indian Ocean-wide Tsunami Warning and Communication Exercise

12 October 2011

Volume 1 Exercise Manual

UNESCO

Intergovernmental Oceanographic Commission
Technical Series
99

EXERCISE
INDIAN OCEAN WAVE 2011
An Indian Ocean-wide Tsunami Warning and Communication Exercise

12 October 2011

Volume 1 Exercise Manual

UNESCO 2011

IOC Technical Series, 99 Vol.1
Paris, August 2013
English only

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariats of UNESCO and IOC concerning the legal status of any country or territory, or its authorities, or concerning the delimitation of the frontiers of any country or territory.

For bibliographic purposes, this document should be cited as follows:

Intergovernmental Oceanographic Commission.2011. *Exercise Indian Ocean Wave 2011: An Indian Ocean-wide Tsunami Warning and Communication Exercise, 12 October 2011*. Volume 1*: Exercise Manual* and Supplement. IOC Technical Series No. 99 Vol.1. UNESCO.

The bulletins issued by the Regional Tsunami Service Providers are published in a supplement to this publication.

Prepared by the IOWave11 Task Team
for the Intergovernmental Coordination Group
for the Indian Ocean Tsunami Warning and Mitigation System.

© UNESCO 2013

(IOC/2013/TS/99Vol.1 Rev.)

TABLE OF CONTENTS

Page

1. BACKGROUND 1

1.1 EXERCISE INDIAN OCEAN WAVE 2009 (IOWAVE09) 1

1.2 EXERCISE DATES 1

1.3 FURTHER INFORMATION 2

2. CONCEPT OF EXERCISE 2

2.1 PURPOSE 2

2.2 OBJECTIVES 2

2.3 TYPES OF EXERCISE 3

3. SPECIFICS OF CONDUCTING EXERCISE INDIAN OCEAN WAVE 2011 4

3.1 OVERVIEW 4

3.2 EXERCISE SPECIFICS 5

3.3 TEST PROCEDURE: 8

3.4 WEBSITE PASSWORDS 8

3.5 ACTIONS IN CASE OF A REAL EVENT 8

3.6 RESOURCING 9

3.7 MEDIA ARRANGEMENTS 9

4. POST EVALUATION 9

4.1 EVALUATION AND DEBRIEFING 9

ANNEXES

ANNEX **I**. SAMPLE NOTIFICATION MESSAGES

ANNEX **II**. EXERCISE BULLETINS – PTWC

ANNEX **III**. EXERCISE BULLETINS − JMA

ANNEX **IV**. SAMPLE PRESS RELEASE

ANNEX V. POST EXERCISE EVALUATION

ANNEX **VI**. LIST OF ACRONYMS

1. BACKGROUND

The devastating impact of the 26 December 2004 Indonesia earthquake and Indian Ocean tsunami tragically demonstrated what can happen without an effective tsunami warning system. Tsunamis may not occur often, but when they do they can affect coasts, sometimes across an entire ocean. The tsunami caused damage and casualties across the entire Indian Ocean basin – even as far away as South Africa. Following this event, UNESCO's Intergovernmental Oceanographic Commission (IOC) was requested to establish an International Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS), to promote the exchange of seismic and sea level data for rapid tsunami detection and analysis, to provide warnings for such events, and to coordinate mitigation efforts among its Member States. An efficient and effective end to end warning system is needed that is ready to react 24 hours a day to any potential tsunami threat, alert those at risk along coasts, and motivate them take immediate and appropriate steps to save their lives.

The Eighth Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS-VIII/3s) was held at the Bureau of Meteorology, Melbourne, Australia, from 3 to 6 May 2011. The Session was attended by 59 delegates and observers from 12 Member States in the Indian Ocean region, 3 Observer States and 9 agencies of United Nations, Non-Governmental Organizations (NGOs) and other organizations. The ICG decided to hold an Indian Ocean Wave Exercise (IOWave11) on 12 October 2011 and established a Task Team to organize it, with membership comprising Australia, India, Indonesia, Malaysia and Oman. The timetable for the transition to the Regional Tsunami Advisory Service Provider (RTSP) service for the IOTWS was adopted, with the service scheduled to commence operations on 12 October 2011, following the IOWave11 exercise, with the Interim Advisory Service (IAS) provided by the Japan Meteorological Agency (JMA) and the Pacific Tsunami Warning Center (PTWC) continuing in operate a parallel (or "shadow") service until the next session of the ICG.

Indian Ocean-wide tsunami exercises are effective tools for evaluating the readiness of the IOTWS and for identifying changes that can improve its effectiveness. There have been few major Indian Ocean tsunamis in the last few years and the IOTWS must be prepared.

1.1 EXERCISE INDIAN OCEAN WAVE 2009 (IOWAVE09)

Exercise Indian Ocean Wave 2009 (IOC/2009/TS/88) took place on 14 October 2009. A total of 18 Member States: Australia, Bangladesh, India, Indonesia, Kenya, Madagascar, Malaysia, Maldives, Mauritius, Mozambique, Myanmar, Oman, Pakistan, Seychelles, Singapore, Sri Lanka, Tanzania and Timor-Leste participated in the exercise. Some countries including Kenya, Indonesia and Sri Lanka executed it down to the community level.

The post-evaluation showed that most of the participating countries/agencies expressed a positive view on IOWave09 Exercise planning, conduct, format and style.

1.2 EXERCISE DATES

Exercise Indian Ocean Wave 2011 (IOWave11) will take place on 12 October 2011.

Who should be involved? National Tsunami Warning Centres, National Disaster Management Organizations, Local communities to the extent decided by each Member State.

Scenario	North Sumatra earthquake of 26 December 2004
Start time	0100hrs UTC
Timescale	Real-time

1.3 FURTHER INFORMATION

Further information will be posted to the website www.ioc-tsunami.org/iowave11 as it becomes available.

2. CONCEPT OF EXERCISE

2.1 PURPOSE

The purpose of the Exercise Indian Ocean Wave 2011 (IOWave11) is to evaluate and improve the effectiveness of the Indian Ocean Tsunami Warning and Mitigation System (IOTWS), its operational Regional Tsunami Advisory Service Providers (RTSPs) and the Regional Integrated Multi-Hazard Early Warning System (RIMES), the Interim Advisory Service provided by the Japan Meteorological Agency (JMA) and the Pacific Tsunami Warning Center (PTWC), the National Tsunami Warning Centres (NTWCs), and National Disaster Management Organizations (NDMOs), in responding to a potentially destructive tsunami. The exercise will provide an opportunity for Indian Ocean countries to test their operational lines of communications, review their tsunami warning and emergency response Standard Operating Procedures (SOPs), and to promote emergency preparedness. Regular exercises are important for maintaining staff readiness for the real event. This is especially true for tsunamis, which are infrequent but require rapid response when they occur. The pre-exercise planning and post-exercise evaluation process is as important as the actual exercise, because it brings together all stakeholders to closely coordinate their actions. Every Indian Ocean country is encouraged to participate.

2.2 OBJECTIVES

The following are the over-arching objectives for IOWave11:

1. Validate the dissemination process of issuing Tsunami Bulletins to Indian Ocean countries:
   a. RTSP and RIMES bulletins to other RTSPs and NTWCs.
   b. IAS (Interim Advisory Service) providers (PTWC and JMA) bulletins to NTWCs and RTSPs.
2. Validate the Standard Operating Procedures of countries receiving and confirming Tsunami Bulletins through their designated Tsunami Watch Focal Points (TWFPs).
3. Validate Standard Operating Procedures for disseminating warning messages to relevant agencies within a country.
4. Validate the national level organizational decision-making process for public warnings and evacuations.
5. Identify the methods that would be used to notify and instruct the public.
6. Assess the elapsed time for public notification and instruction.

Within the above framework, each country should develop its own specific objectives for the exercise.

2.3 TYPES OF EXERCISE

Exercises stimulate the development, training, testing and evaluation of Disaster Plans and Standard Operating Procedures. Exercise participants may use their own past multi-hazard drills (e.g. flood, typhoon, earthquake, etc.) as a framework to conduct exercise IOWave11.

Exercise IOWave11 should be conducted to a level of readiness that involves communication and decision making at government level, without disrupting or alarming the general public. Individual countries may, at their discretion, elect to extend the exercise down to the level of public notification and community evacuation.

Exercises can be conducted at various scales of magnitude and sophistication. The following list provides an overview of the different types of exercises that can be conducted:

An Orientation Exercise lays the groundwork for a comprehensive exercise programme. It is a planned event, developed to bring together individuals and officials with a role or interest in multi-hazard response planning, problem solving, development of standard operational procedures (SOPs), and resource integration and coordination. An Orientation Exercise will have a specific goal and written objectives and result in an agreed upon Plan of Action.

A Drill is a planned activity that tests, develops, and/or maintains skills in a single or limited emergency response procedure. Drills generally involve operational response of single departments or agencies, organizations, or facilities, but may be a subset of full-scale exercises. Drills can involve internal notifications and/or field activities. Limited evacuation may or may not be conducted, such as within a school, pilot hotel, or village.

A Tabletop Exercise is a planned activity in which local officials, key staff, and organizations with disaster management responsibilities are presented with simulated emergency situations. It is usually informal, in a conference room environment, and is designed to elicit constructive discussion from the participants to assess plans, policies, and procedures. Individuals are encouraged to discuss decisions based on their organization's Standard Operating Procedures (SOPs) with emphasis on slow-paced problem solving, rather than rapid, real-time decision-making. A Tabletop Exercise should have specific goals, objectives, and a scenario narrative.

A Functional Exercise is a planned activity designed to test and evaluate individual functions, multiple activities within a function, or interdependent groups of functions among various agencies. It is based on a simulation of a realistic emergency situation. The Functional Exercise gives the decision-makers a fully simulated experience of being in a major disaster event. It should take place at the appropriate coordination locations (e.g. warning centres and emergency operations centres) and activate all the appropriate members designated by the plan. Organizations should test their SOPs using real-time simulation tsunami bulletins. Public evacuations may or may not be included. A Functional Exercise should have specific goals, objectives, and a scenario narrative.

A Full-scale Exercise is the culmination of a progressive exercise programme that has grown with the capacity of the community to conduct exercises. A Full-scale Exercise is a planned activity in a "challenging" environment that encompasses a majority of the tsunami warning and emergency management functions, and involves multiple layers of government (national, provincial, local). This type of exercise involves the actual mobilization and deployment of the appropriate personnel and resources needed to demonstrate operational capabilities. DMOs (Disaster Management Office) and other local command centres are required to be activated. It tests all aspects of emergency response, and should demonstrate inter-agency cooperation. A Full-scale Exercise is the largest, costliest and most complex exercise type. It may or may not include public evacuations.

For Exercise IOWave11, individual Member States should decide what type of exercise they are going to undertake on 12 October 2011. It recommended that a Tabletop Exercise should be conducted as a minimum. Many Member States will choose to conduct a Functional Exercise and some may decide to undertake a Full-scale Exercise. Each of these requires an increasing level of planning and preparation, particularly if any form of community evacuation is planned, and Member States are advised to conduct the exercise only to the level for which they are fully prepared.

3. SPECIFICS OF CONDUCTING EXERCISE INDIAN OCEAN WAVE 2011

3.1 OVERVIEW

There will be a single exercise scenario played out in real-time. The scenario will replicate the major earthquake off the northwest coast of Sumatra on 26 December 2004 that generated a destructive teletsunami affecting countries from Australia to South Africa over the course of about 12 hours.

The RTSPs, RIMES and IAS providers will issue bulletins for this exercise to all IOTWS NTWCs. The timeline for issuance of bulletins on 12 October is given in Table 1. **Scenario Timeline** World Meteorological Organization's (WMO) Global Telecommunication System (GTS) product identifiers for the bulletins are given in Table 2**. Product Types issued for Dummy bulletins**.

Participant countries may follow the exercise timeline precisely or elect to exercise on their own timeline in order to achieve their particular objectives. For example, a particular country's exercise controller may choose to inject the bulletins into the exercise at times of their own choosing, or alternatively put them in envelopes with the time they must be opened written on each, with each key participant agency having their own set of envelopes.

Coverage: All Member States are encouraged to participate. Estimated tsunami arrival times and wave heights to all IOTWS countries are included in the bulletins.

Messages: The RTSPs and RIMES will issue an initial notification message to start the exercise. Thereafter, NTWCs will receive notification messages from the RTSPs and RIMES according to the timeline shown below (Table 1**. Scenario Timeline**) and will be directed to the RTSP and RIMES websites for to view the detailed bulletins. Examples of the notification messages for each RTSP and RIMES are given in ANNEX **I**.

RTSP and RIMES bulletins are also provided as ANNEX **I** to this manual for reference purposes and to facilitate the conduct of Tabletop Exercises on timelines other than real-time. However, countries are encouraged to conduct the exercise in real-time and to make use of the RTSP websites to access bulletins.

"Dummy" test messages will be sent by the IAS providers at the start of the exercise. Subsequent dummy test messages from the IAS will direct the participants to ANNEX IIand ANNEX III of this manual where the bulletins are displayed in full. (NB. The IAS bulletins are provided in full because they will not be available on websites).

3.2 EXERCISE SPECIFICS

The Scenario: The simulated tsunami will be generated by a magnitude 9.2 earthquake off the northwest coast of Sumatra at 3.30ºN, 95.96ºE that occurs on 12 October 2011 at 0100 UTC. An earthquake of this size would be likely to generate a tsunami with widespread destructive effects. Bulletins will be issued in real-time for approximately 12 hours until the tsunami is simulated to have crossed the entire Indian Ocean.

Table 1. Master Schedule and Timings

Tsunami from magnitude 9.2 earthquake with epicentre at 3.30ºN, 95.96ºE occurring on 12 October 2011 at 0100 UTC.

TIME (UTC)	PROVIDER	BULLETIN #	DETAIL
0100			Earthquake occurs
0105	RTSP India	1	Type-I
0105	RTSP Indonesia	1	Type-I
0105	RIMES	1	Type-I
0105	RTSP Australia	1	Type-I
0110	RTSP India	2	Type-II
0110	RTSP Indonesia	2	Type-II
0112	RIMES	2	Type-II
0112	RTSP Australia	2	Type-II
0115	PTWC	1	See Annex II for full bulletin
0120	JMA	1	See Annex III for full bulletin
0141	RTSP India	3	Type-III
0143	RIMES	3	Type-III
0145	RTSP Australia	3	Type-1
0145	RTSP Indonesia	3	Type-III
0145	PTWC	2	See Annex II for full bulletin
0150	RTSP Australia	4	Type-III
0150	JMA	2	See Annex III for full bulletin
0200	RTSP India	4	Type-III
0243	RIMES	4	Type-III
0245	RTSP Indonesia	4	Type-III

TIME (UTC)	PROVIDER	BULLETIN #	DETAIL
0245	PTWC	3	See Annex II for full bulletin
0300	RTSP India	5	Type-III
0300	RTSP Australia	5	Type-III
0300	JMA	3	Final
0343	RIMES	5	Type-III
0345	RTSP Indonesia	5	Type-III
0345	PTWC	4	See Annex II for full bulletin
0400	RTSP India	6	Type-III
0400	RTSP Australia	6	Type-III
0443	RIMES	6	Type-III
0445	RTSP Indonesia	6	Type-III
0445	PTWC	5	See Annex II for full bulletin
0500	RTSP India	7	Type-III
0500	RTSP Australia	7	Type-III
0543	RIMES	7	Type-III
0545	RTSP Indonesia	7	Type-III
0545	PTWC	6	See Annex II for full bulletin
0600	RTSP India	8	Type-III
0600	RTSP Australia	8	Type-III
0643	RIMES	8	Type-III
0645	RTSP Indonesia	8	Type-III
0645	PTWC	7	See Annex II for full bulletin
0700	RTSP India	9	Type-III
0700	RTSP Australia	9	Type-III
0743	RIMES	9	Type-III
0745	RTSP Indonesia	9	Type-III
0745	PTWC	8	See Annex II for full bulletin
0800	RTSP India	10	Type-III

TIME (UTC)	PROVIDER	BULLETIN #	DETAIL
0800	RTSP Australia	10	Type-III
0845	PTWC	9	See Annex II for full bulletin
0900	RTSP India	11	Type-III
0900	RTSP Australia	11	Type-III
0943	RIMES	10	Type-III
0945	RTSP Indonesia	10	Type-III
0945	PTWC	10	See Annex II for full bulletin
1000	RTSP India	12	Type-III
1000	RTSP Australia	12	Type-III
1043	RIMES	11	Type-III
1045	PTWC	11	See Annex II for full bulletin
1100	RTSP India	13	Type-III
1100	RTSP Australia	13	Type-III
1100	PTWC	12	Final
1145	RTSP Indonesia	11	Type-III
1200	RTSP India	14	Type-III
1200	RTSP Australia	14	Type-IV: Final
1200	RIMES	12	Type-IV: Final
1300	RTSP India	15	Type-IV: Final
1300	RTSP Indonesia	12	Type-IV: Final

Table 1. Scenario Timeline

Table 2. Product types issued for Dummy bulletins.

CENTRE	WMO GTS IDENTIFIER	FAX	EMAIL	SMS
ITEWC	WEIO20 DEMS	Yes	Yes	Yes
InaTEWS	WEIO22 WIIX	Yes	Yes	Yes
JATWC	WEIO24 AMMC	Yes	Yes	Yes
JMA	WEIO40 RJTD	Yes	Yes	No
PTWC	WEIO21 PHEB	Yes	Yes	No
RIMES	WEIO29 VRMM	Yes	Yes	Yes

Table 2. Product Types issued for Dummy bulletins

3.3 TEST PROCEDURE:

A Communications Test Log form for each NTWC to complete is included in the evaluation form for National Tsunami Warning Centres (ANNEX V, Part 1). There is one page for each RTSP's messages and one for the RIMES messages. Following the reception of each notification message from an RTSP or RIMES, NTWCs should do the following:

(a) Log the time of reception of the RTSP or RIMES notification message and how it was received (GTS, email, fax, SMS).

(b) Use a web browser to access the password-protected website for the RTSP or RIMES given in the notification message, and log the success or otherwise of this access.

(c) Following the reception of notification messages, also report the NTWC warning status (as if the NTWC was actually issuing warnings for their country for this event) via the web-based "NTWC Warning Status" form. A link to this form is given on each RTSP website and the RIMES website. Please log the success or otherwise of the reporting process via the form.

Steps (a), (b) and (c) should be performed for **each RTSP** when its notification message arrives.

3.4 WEBSITE PASSWORDS

The user names and passwords for accessing each of the RTSP password-protected websites are provided in the manual copies to NTWCs and are not intended to be viewed by the general public.

3.5 ACTIONS IN CASE OF A REAL EVENT

All documentation and correspondence relating to this exercise is to be clearly identified as **Exercise Indian Ocean Wave 2011** and **For Exercise Purposes Only**. In the case of a real event occurring during the exercise, IAS and NTWCs/RTSPs will issue their normal message products for the event. Such messages will be given full priority and a decision will be made by each centre whether to continue or cease their participation in the exercise.

3.6 RESOURCING

Although participating countries will have advance notice of the exercise and may elect to stand up a special dedicated shift to allow normal core business to continue uninterrupted, it is suggested that realistic resource levels be deployed in order to reflect some of the issues that are likely to be faced in a real event.

3.7 MEDIA ARRANGEMENTS

The UNESCO External Relations and Public Information (ERI) Sector will issue an international Media Advisory in late September or early October to alert the press of the 12 October "Exercise Indian Ocean Wave 2011." About one week before the exercise, UNESCO will issue a second press release with more details on the exercise. ANNEX **IV** contains a sample press release that can be customized by Member States.

Member States of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS) should consider issuing one or two exercise press releases to their respective country's media in conjunction with UNESCO releases. Member States press releases will give adequate alert to their country's population and give their local media time to conduct interviews and documentaries with participating exercise organizations in advance of the exercise.

A second Member State press release, one week before the exercise, would provide a more detailed description of exercise activities to take place within that country.

4. POST EVALUATION

4.1 EVALUATION AND DEBRIEFING

Participating countries are requested to provide feedback on the exercise by 31 October 2011. This feedback will greatly assist in the evaluation of the IOWave11 exercise and assist in the development of subsequent exercises.

The goal of exercise evaluation is to validate strengths and to identify opportunities for improvement within the participating organizations. This is to be accomplished by collating supporting data; analysing the data to compare effectiveness against requirements; and determining what changes need to be made by participating organizations as well as the IOTWS as a collective to support effective tsunami warning and decision making.

Evaluation of this exercise will focus on the adequacy of plans, policies, procedures, assessment capabilities, communication, resources and inter-agency/inter-jurisdictional relationships that support effective tsunami warning and decision-making at all levels of government. Participants that choose to include additional objectives, for example by exercising public warning and/or response plans, can expand the evaluation accordingly. The evaluation of such additional objectives will be for the use of the particular participant only and is not required for the integrated IOTWS report.

The evaluation aims to inform and facilitate individual participant country evaluations as well as the integrated IOWave11 Report. Official Exercise Evaluation Forms addressing the respective focus areas and objectives are included in ANNEX V. All participant countries are requested to complete the official Post Exercise Evaluation Forms and return only those forms back to the ICG/IOTWS Secretariat at iotws@unesco.org by **31 October 2011**.

A formal exercise debrief inclusive of all participants in the respective countries will facilitate a collective and official evaluation. The method applied to collect the data required for

consideration in the debrief exercise is to be decided upon by the individual participant countries. It is recommended that independent and objective exercise evaluators/observers be appointed at all exercise points to support the collection of such data. Evaluators/observers are to be guided by the exercise objectives and the information required in the Post Exercise Evaluation Forms.

In completing evaluation forms, participating organizations must have the ability to note areas for improvement and actions that they plan to take without concern that the information carries political or operational risks. Thus, all official Post Exercise Evaluation Forms are designated as “For Official Use Only” and will be restricted for use by the exercise Task Team for the sole purpose of compilation of the integrated IOWave11 Report. Some participant countries may however decide to share their individual evaluation outcomes with the public. While the IOWave11 Report will be submitted to the Intergovernmental Oceanographic Commission (IOC), the decision to share the information contained in it with the public will be made by the ICG/IOTWS.

ANNEX I

SAMPLE NOTIFICATION MESSAGES

RTSP India

WEIO20 DEMS 120105
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NOTIFICATION MESSAGE NUMBER 1
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0105 UTC Wednesday 12 October 2011

TO: INDIAN OCEAN NATIONAL TSUNAMI WARNING CENTRES (NTWCs)
FROM: RTSP INDIA

NOTIFICATION:
*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA HAS JUST ISSUED TEST TSUNAMI BULLETIN NUMBER 1 FOR THE INDIAN OCEAN, BASED ON THE FOLLOWING TEST EARTHQUAKE EVENT:

MAGNITUDE: 8.2 M
DEPTH: 10 km
DATE: 12 Oct 2011
ORIGIN TIME: 01 00 UTC
LATITUDE: 3.3 N
LONGITUDE: 95.96 E
LOCATION: NORTHERN SUMATRA, INDONESIA

TO VIEW THE BULLETIN GO TO THE RTSP INDIA WEBSITE AT:
http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

NOTE: THIS IS A RESTRICTED-ACCESS WEBSITE CONTAINING TECHNICAL DATA FOR NATIONAL TSUNAMI WARNING CENTRES ONLY. IT IS NOT FOR GENERAL PUBLIC ACCESS.

GENERAL PUBLIC INFORMATION FOR THIS EVENT IS AVAILABLE FROM:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
INDIAN NATIONAL CENTRE FOR OCEAN INFORMATION SERVICES (INCOIS)
ADDRESS:"OCEAN VALLEY", PRAGATHI NAGAR (BO), NIZAMPET (SO),
HYDERABAD - 500 090, INDIA.
PHONE: 91-40-23895011
FAX: 91-40-23895012
EMAIL: TSUNAMI@INCOIS.GOV.IN
WEB: WWW.INCOIS.GOV.IN

END OF TEST NOTIFICATION MESSAGE

TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP Indonesia

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NOTIFICATION MESSAGE NUMBER 1
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA [InaTEWS-BMKG]

ISSUED AT 0105UTC 12 OCTOBER 2011

TO: INDIAN OCEAN NATIONAL TSUNAMI WARNING CENTRES [NTWCs]
FROM: RTSP INDONESIA

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

NOTIFICATION:
RTSP INDONESIA HAS JUST ISSUED A TEST TSUNAMI BULLETIN FOR THE INDIAN OCEAN, BASED ON THE FOLLOWING TEST EARTHQUAKE EVENT:

MAGNITUDE	8.8
DEPTH	10km
ORIGIN TIME	0100 UTC 12 OCTOBER 2011
LATITUDE	3.30N
LONGITUDE	95.96E
LOCATION	NORTHERN SUMATRA, INDONESIA

TO VIEW THE BULLETIN GO TO THE RTSP INDONESIA WEBSITE AT:
http://rtsp.bmkg.go.id

NOTE: THIS IS A RESTRICTED-ACCESS WEBSITE CONTAINING TECHNICAL DATA FOR NATIONAL TSUNAMI WARNING CENTRES ONLY. IT IS NOT FOR GENERAL PUBLIC ACCESS.

GENERAL ENERAL PUBLIC INFORMATION FOR THIS EVENT IS AVAILABLE FROM:
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 65867045
Fax: +62 (21) 6546316
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF NOTIFICATION MESSAGE

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP Australia

WEIO24 AMMC 120110

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NOTIFICATION MESSAGE NUMBER 1
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA [JATWC]

ISSUED AT 01100UTC 12 OCTOBER 2011

TO: INDIAN OCEAN NATIONAL TSUNAMI WARNING CENTRES [NTWCs]

FROM: RTSP AUSTRALIA

*** IOWAVE11 EXERCISE FOR THE INDIAN OCEAN TSUNAMI WARNING SYSTEM ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

NOTIFICATION:
RTSP AUSTRALIA HAS JUST ISSUED A TEST TSUNAMI BULLETIN FOR THE INDIAN OCEAN, BASED ON THE FOLLOWING TEST EARTHQUAKE EVENT:

MAGNITUDE	9.2
DEPTH	10km
ORIGIN TIME	0100 UTC 12 OCTOBER 2011
LATITUDE	3.30N
LONGITUDE	95.96E
LOCATION	NORTHERN SUMATRA, INDONESIA

TO VIEW THE BULLETIN GO TO THE RTSP AUSTRALIA WEBSITE AT:

http://reg.bom.gov.au/tsunami/rtsp

NOTE: THIS IS A RESTRICTED-ACCESS WEBSITE CONTAINING TECHNICAL DATA FOR NATIONAL TSUNAMI WARNING CENTRES ONLY. IT IS NOT FOR GENERAL PUBLIC ACCESS.

GENERAL PUBLIC INFORMATION FOR THIS EVENT IS AVAILABLE FROM:

JOINT AUSTRALIAN TSUNAMI WARNING CENTRE [JATWC]
BUREAU OF METEOROLOGY
MELBOURNE, AUSTRALIA
http://www.bom.gov.au/tsunami

END OF TEST NOTIFICATION MESSAGE

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST
WEIO29 VRMM 120105

TSUNAMI BULLETIN NOTIFICATION MESSAGE NUMBER 1
RIMES
ISSUED AT: 0105 UTC Wednesday, October 12, 2011

TO: ALL INDIAN OCEAN NATIONAL TSUNAMI WARNING CENTRES (NTWCs)
FROM: RIMES

RIMES HAS JUST ISSUED TSUNAMI BULLETIN NUMBER 1 FOR THE INDIAN OCEAN, BASED ON THE FOLLOWING EARTHQUAKE EVENT:

MAGNITUDE	9.2 Mw(MWP)
DEPTH	10 Km
DATE	12 OCT 2011
ORIGIN TIME	0100 UTC
LATITUDE	3.3N
LONGITUDE	95.96E
LOCATION	Northern Sumatra Indonesia

TO VIEW THE BULLETIN GO TO RIMES WEBSITE AT:

http://www.rimes.int/earthquake/tsunami-bulletin

NOTE: THIS IS A RESTRICTED-ACCESS WEBSITE CONTAINING TECHNICAL DATA FOR NATIONAL TSUNAMI WARNING CENTRES ONLY.
IT IS NOT FOR GENERAL PUBLIC ACCESS.

GENERAL PUBLIC INFORMATION FOR THIS EVENT IS AVAILABLE FROM:
REGIONAL INTEGRATED MULTIHAZARD EARLY WARNING SYSTEM (RIMES)
OUTREACH BUILDING,AIT CAMPUS, PATHUMTHANI, THAILAND
PHONE: 662-516-5905 TO 07
FAX: 662-516-5908 TO 09
EMAIL: TSUNAMI@RIMES.INT
WEB: WWW.RIMES.INT

END OF NOTIFICATION MESSAGE
TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

PTWC

TEST...TSUNAMI EXERCISE MESSAGE NUMBER 001...TEST NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
0115 UTC 12 OCT 2011

...EXERCISE INDIAN OCEAN WAVE 11...

TO - PARTICIPANTS OF THE INDIAN OCEAN WAVE 11 TSUNAMI EXERCISE.
ALL OTHERS PLEASE IGNORE.

SUBJECT - EXERCISE INDIAN OCEAN WAVE 11
REFER TO PTWC BULLETIN 1 IN EXERCISE MANUAL

THIS MESSAGE IS ONE OF A SERIES OF MESSAGES THAT ARE BEING ISSUED AS PART OF THE INDIAN OCEAN WAVE 11 TSUNAMI EXERCISE. THE EXERCISE IS TO TEST COMMUNICATIONS AND ACTIONS THAT WOULD BE NEEDED IN THE EVENT OF AN ACTUAL TSUNAMI.

PARTICIPANTS IN THE EXERCISE SHOULD REFER TO THE INDIAN OCEAN WAVE 11 EXERCISE MANUAL FOR THE CORRESPONDING PTWC BULLETIN 1.

THIS IS ONLY AN EXERCISE.

JMA

TSUNAMI EXERCISE MESSAGE NUMBER 001
ISSUED BY JMA
ISSUED AT 0120Z 12 OCT 2011

TO: PARTICIPANTS OF INDIAN OCEAN WAVE 11 TSUNAMI EXERCISE.
ALL OTHERS PLEASE IGNORE.

SUBJECT: EXERCISE INDIAN OCEAN WAVE 11
REFER TO JMA BULLETIN 1 IN EXERCISE MANUAL

THIS MESSAGE IS ONE OF A SERIES OF MESSAGES THAT ARE BEING ISSUED AS PART OF THE INDIAN OCEAN WAVE 11 TSUNAMI EXERCISE. THE EXERCISE IS TO TEST COMMUNICATIONS AND ACTIONS THAT WOULD BE NEEDED IN THE EVENT OF AN ACTUAL TSUNAMI.

PARTICIPANTS IN THE EXERCISE SHOULD REFER TO THE INDIAN OCEAN WAVE 11 EXERCISE MANUAL FOR THE CORRESPONDING JMA BULLETIN 1.

THIS IS ONLY AN EXERCISE.=

ANNEX II

EXERCISE BULLETINS – PTWC

BULLETIN NUMBER 001

TEST...TSUNAMI BULLETIN NUMBER 001 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0115Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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	0100Z 12 OCT 2011
COORDINATES	3.3 NORTH 95.9 EAST
LOCATION	NORTHERN SUMATRA INDONESIA
MAGNITUDE	8.2

EVALUATION

EARTHQUAKES OF THIS SIZE HAVE THE POTENTIAL TO GENERATE A WIDESPREAD DESTRUCTIVE TSUNAMI THAT CAN AFFECT COASTLINES ACROSS THE ENTIRE INDIAN OCEAN BASIN.

HOWEVER - IT IS NOT KNOWN THAT A TSUNAMI WAS GENERATED. THIS WATCH IS BASED ONLY ON THE EARTHQUAKE EVALUATION. AUTHORITIES IN THE REGION SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THE POSSIBILITY OF A WIDESPREAD DESTRUCTIVE TSUNAMI.

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

INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT

SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 002

TEST...TSUNAMI BULLETIN NUMBER 002 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0145Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA /
MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION /
SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN /
UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA /
BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA /
SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0125Z	4.0M / 13.1FT	17MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT

UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 003

TEST...TSUNAMI BULLETIN NUMBER 003 ...TEST

PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0245Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT

	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 004

TEST...TSUNAMI BULLETIN NUMBER 004 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0345Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 -	0100Z 12 OCT 2011
COORDINATES -	3.3 NORTH 95.9 EAST
LOCATION -	NORTHERN SUMATRA INDONESIA
MAGNITUDE -	9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT

	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 005

TEST...TSUNAMI BULLETIN NUMBER 005 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0445Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT

	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT

	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 006

TEST...TSUNAMI BULLETIN NUMBER 006 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0545Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN
KO TAPHAO NOI, TH	7.8N	098.4E	0441Z	4.4M / 14.4FT	18MIN
GAN, MV	0.7S	73.2E	0451Z	2.9M / 9.5FT	18MIN
MALE, MV	4.2N	73.5E	0444Z	3.3M / 10.8FT	16MIN
SITTWE, MM	20.2N	92.9E	0500Z	1.2M / 3.9FT	12MIN
HANIMAADHOO, MV	6.8N	73.2E	0455Z	2.9M / 9.5FT	18MIN
DIEGO GARCIA, UK	7.3S	72.4E	0457Z	1.7M / 5.6FT	18MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT

	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT

	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 007

TEST...TSUNAMI BULLETIN NUMBER 007 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0645Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA /

MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION /
SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN /
UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA /
BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA /
SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN
KO TAPHAO NOI, TH	7.8N	098.4E	0441Z	4.4M / 14.4FT	18MIN
GAN, MV	0.7S	73.2E	0451Z	2.9M / 9.5FT	18MIN
MALE, MV	4.2N	73.5E	0444Z	3.3M / 10.8FT	16MIN
SITTWE, MM	20.2N	92.9E	0500Z	1.2M / 3.9FT	12MIN
HANIMAADHOO, MV	6.8N	73.2E	0455Z	2.9M / 9.5FT	18MIN
DIEGO GARCIA, UK	7.3S	72.4E	0457Z	1.7M / 5.6FT	18MIN
LANGKAWI, MY	6.9N	99.8E	0535Z	2.3M / 7.5FT	16MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT

	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 008

TEST...TSUNAMI BULLETIN NUMBER 008 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0745Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN
KO TAPHAO NOI, TH	7.8N	098.4E	0441Z	4.4M / 14.4FT	18MIN
GAN, MV	0.7S	73.2E	0451Z	2.9M / 9.5FT	18MIN
MALE, MV	4.2N	73.5E	0444Z	3.3M / 10.8FT	16MIN
SITTWE, MM	20.2N	92.9E	0500Z	1.2M / 3.9FT	12MIN
HANIMAADHOO, MV	6.8N	73.2E	0455Z	2.9M / 9.5FT	18MIN

DIEGO GARCIA, UK	7.3S	72.4E	0457Z	1.7M /	5.6FT	18MIN
LANGKAWI, MY	6.9N	99.8E	0535Z	2.3M /	7.5FT	16MIN
RODRIGUES, MU	19.7S	63.4E	0705Z	1.6M /	5.2FT	16MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT

	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT

	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 009

TEST...TSUNAMI BULLETIN NUMBER 009 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0845Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN
KO TAPHAO NOI, TH	7.8N	098.4E	0441Z	4.4M / 14.4FT	18MIN
GAN, MV	0.7S	73.2E	0451Z	2.9M / 9.5FT	18MIN
MALE, MV	4.2N	73.5E	0444Z	3.3M / 10.8FT	16MIN
SITTWE, MM	20.2N	92.9E	0500Z	1.2M / 3.9FT	12MIN
HANIMAADHOO, MV	6.8N	73.2E	0455Z	2.9M / 9.5FT	18MIN
DIEGO GARCIA, UK	7.3S	72.4E	0457Z	1.7M / 5.6FT	18MIN
LANGKAWI, MY	6.9N	99.8E	0535Z	2.3M / 7.5FT	16MIN
RODRIGUES, MU	19.7S	63.4E	0705Z	1.6M / 5.2FT	16MIN
PORT LOUIS, MU	20.2S	57.5E	0806Z	1.0M / 3.3FT	15MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT
	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT

MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT
COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 011

TEST...TSUNAMI BULLETIN NUMBER 011 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS

ISSUED AT 1045Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

A TSUNAMI WATCH IS IN EFFECT FOR

INDONESIA / INDIA / AUSTRALIA / THAILAND / MYANMAR / SRI LANKA / MALDIVES / UNITED KINGDOM / MALAYSIA / MAURITIUS / REUNION / SEYCHELLES / OMAN / PAKISTAN / SOMALIA / MADAGASCAR / IRAN / UAE / YEMEN / COMORES / MOZAMBIQUE / KENYA / TANZANIA / BANGLADESH / CROZET ISLANDS / KERGUELEN ISLANDS / SOUTH AFRICA / SINGAPORE

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 - 0100Z 12 OCT 2011
COORDINATES - 3.3 NORTH 95.9 EAST
LOCATION - NORTHERN SUMATRA INDONESIA
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN
PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN
KO TAPHAO NOI, TH	7.8N	098.4E	0441Z	4.4M / 14.4FT	18MIN
GAN, MV	0.7S	73.2E	0451Z	2.9M / 9.5FT	18MIN
MALE, MV	4.2N	73.5E	0444Z	3.3M / 10.8FT	16MIN
SITTWE, MM	20.2N	92.9E	0500Z	1.2M / 3.9FT	12MIN
HANIMAADHOO, MV	6.8N	73.2E	0455Z	2.9M / 9.5FT	18MIN
DIEGO GARCIA, UK	7.3S	72.4E	0457Z	1.7M / 5.6FT	18MIN
LANGKAWI, MY	6.9N	99.8E	0535Z	2.3M / 7.5FT	16MIN
RODRIGUES, MU	19.7S	63.4E	0705Z	1.6M / 5.2FT	16MIN
PORT LOUIS, MU	20.2S	57.5E	0806Z	1.0M / 3.3FT	15MIN
SALALAH, OM	16.9N	54.0E	0835Z	0.5M / 1.6FT	19MIN
MASIRAH, OM	20.7N	58.9E	0900Z	0.4M / 1.3FT	19MIN
CHABAHAR, IR	25.3N	60.6E	0913Z	0.9M / 3.0FT	17MIN
HILLARYS, AU	31.8S	115.7E	0730Z	0.5M / 1.6FT	18MIN
LAMU, KE	2.3S	40.9E	1022Z	1.5M / 4.9FT	17MIN
MOMBASA, KE	4.1S	39.6E	1026Z	2.3M / 7.5FT	15MIN
ZANZIBAR, TZ	6.2S	39.2E	1033Z	2.2M / 7.2FT	16MIN

LAMU, KE	2.3S	40.9E	1022Z	1.5M / 4.9FT	17MIN
MOMBASA, KE	4.1S	39.6E	1026Z	2.3M / 7.5FT	15MIN

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.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY ALREADY HAVE BEEN DESTRUCTIVE ALONG SOME COASTS.

BASED ON THESE DATA THE THREAT CONTINUES FOR ALL COASTAL AREAS OF THE INDIAN OCEAN. FOR THOSE 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.

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
INDONESIA	SIMEULUE	2.5N 96.0E	0138Z 12 OCT
	BANDA_ACEH	5.5N 95.1E	0152Z 12 OCT
	SIBERUT	1.5S 98.7E	0215Z 12 OCT
	PADANG	0.9S 100.1E	0256Z 12 OCT
	BENGKULU	3.9S 102.0E	0308Z 12 OCT
	CILACAP	7.8S 108.9E	0422Z 12 OCT
	BANDAR_LAMPUNG	5.7S 105.3E	0431Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
	BELAWAN	3.8N 98.8E	0546Z 12 OCT
	KUPANG	10.0S 123.4E	0605Z 12 OCT
	BALI	8.7S 115.3E	0506Z 12 OCT
INDIA	GREAT_NICOBAR	7.1N 93.6E	0217Z 12 OCT
	LITTLE_ANDAMAN	10.7N 92.3E	0305Z 12 OCT
	PORT_BLAIR	11.9N 92.7E	0315Z 12 OCT
	NORTH_ANDAMAN	13.3N 92.6E	0335Z 12 OCT
	CHENNAI	13.4N 80.4E	0430Z 12 OCT
	KAKINADA	17.2N 82.7E	0456Z 12 OCT
	TRIVANDRUM	8.3N 76.9E	0504Z 12 OCT
	MANGALORE	13.3N 74.4E	0639Z 12 OCT
	BOMBAY	18.8N 72.6E	0906Z 12 OCT

	GULF_OF_KUTCH	22.7N 68.9E	0937Z 12 OCT
AUSTRALIA	COCOS_ISLAND	12.1S 96.7E	0330Z 12 OCT
	NORTH_WEST_CAPE	21.5S 113.9E	0543Z 12 OCT
	CAPE_INSPIRATIO	25.9S 113.0E	0645Z 12 OCT
	PERTH	32.0S 115.3E	0657Z 12 OCT
	AUGUSTA	34.3S 114.7E	0716Z 12 OCT
	GERALDTOWN	28.6S 114.3E	0732Z 12 OCT
	CAPE_LEVEQUE	16.1S 122.6E	0732Z 12 OCT
	ESPERANCE	34.0S 121.8E	0849Z 12 OCT
	KINGSTON_SOUTH_	37.0S 139.4E	1023Z 12 OCT
	HEARD_ISLAND	54.0S 73.5E	1052Z 12 OCT
	EUCLA_MOTEL	31.8S 128.9E	1100Z 12 OCT
	HOBART	43.3S 147.6E	1133Z 12 OCT
	DARWIN	12.1S 130.7E	1153Z 12 OCT
THAILAND	PHUKET	8.0N 98.2E	0332Z 12 OCT
	KO_PHRA_THONG	9.1N 98.2E	0422Z 12 OCT
	KO_TARUTAO	6.6N 99.6E	0452Z 12 OCT
MYANMAR	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	CHEDUBA_ISLAND	18.9N 93.4E	0432Z 12 OCT
	PYINKAYAING	15.9N 94.3E	0442Z 12 OCT
	SITTWE	20.0N 92.9E	0510Z 12 OCT
	MERGUI	12.8N 98.4E	0549Z 12 OCT
	YANGON	16.5N 96.4E	0943Z 12 OCT
SRI LANKA	TRINCOMALEE	8.7N 81.3E	0347Z 12 OCT
	DONDRA_HEAD	5.9N 80.6E	0354Z 12 OCT
	COLOMBO	6.9N 79.8E	0421Z 12 OCT
	JAFFNA	9.9N 80.0E	0532Z 12 OCT
MALDIVES	GAN	0.6S 73.2E	0446Z 12 OCT
	MALE	4.2N 73.6E	0451Z 12 OCT
	MINICOV	8.3N 73.0E	0514Z 12 OCT
UNITED KINGDOM	DIEGO_GARCIA	7.3S 72.4E	0504Z 12 OCT
MALAYSIA	GEORGETOWN	5.4N 100.1E	0522Z 12 OCT
	PORT_DICKSON	2.5N 101.7E	1002Z 12 OCT
MAURITIUS	PORT_LOUIS	20.0S 57.3E	0800Z 12 OCT
REUNION	ST_DENIS	20.8S 55.2E	0814Z 12 OCT
SEYCHELLES	VICTORIA	4.5S 55.6E	0828Z 12 OCT
OMAN	SALALAH	16.9N 54.1E	0838Z 12 OCT
	MUSCAT	23.9N 58.6E	0844Z 12 OCT
	DUQM	19.7N 57.8E	0853Z 12 OCT
PAKISTAN	GWADAR	25.1N 62.4E	0846Z 12 OCT
	KARACHI	24.7N 66.9E	0938Z 12 OCT
SOMALIA	CAPE_GUARO	11.9N 51.4E	0848Z 12 OCT
	HILALAYA	6.4N 49.1E	0849Z 12 OCT
	MOGADISHU	2.0N 45.5E	0904Z 12 OCT
	KAAMBOONI	1.5S 41.9E	0932Z 12 OCT
MADAGASCAR	ANTSIRANANA	12.1S 49.5E	0850Z 12 OCT
	TOAMASINA	17.8S 49.6E	0902Z 12 OCT
	MANAKARA	22.2S 48.2E	0917Z 12 OCT
	MAHAJANGA	15.4S 46.2E	0954Z 12 OCT
	CAP_STE_MARIE	25.8S 45.2E	1016Z 12 OCT
	TOLIARA	23.4S 43.6E	1041Z 12 OCT
IRAN	GAVATER	25.0N 61.3E	0852Z 12 OCT
UAE	FUJAIRAH	25.1N 56.4E	0930Z 12 OCT
YEMEN	AL_MUKALLA	14.5N 49.2E	0937Z 12 OCT
	ADEN	13.0N 45.2E	1023Z 12 OCT

COMORES	MORONI	11.6S 43.3E	0951Z 12 OCT
MOZAMBIQUE	CABO_DELGADO	10.7S 40.7E	1008Z 12 OCT
	ANGOCHE	15.5S 40.6E	1040Z 12 OCT
	QUELIMANE	18.0S 37.1E	1207Z 12 OCT
	MAPUTO	25.9S 32.8E	1255Z 12 OCT
	BEIRA	19.9S 35.1E	1317Z 12 OCT
KENYA	MOMBASA	4.0S 39.7E	1009Z 12 OCT
TANZANIA	LINDI	9.8S 39.9E	1009Z 12 OCT
	DAR_ES_SALAAM	6.7S 39.4E	1012Z 12 OCT
BANGLADESH	CHITTAGONG	22.7N 91.2E	1025Z 12 OCT
CROZET ISLANDS	CROZET_ISLANDS	46.4S 51.8E	1030Z 12 OCT
KERGUELEN ISLAN	PORT_AUX_FRANCA	49.0S 69.1E	1111Z 12 OCT
SOUTH AFRICA	PRINCE_EDWARD_I	46.6S 37.6E	1205Z 12 OCT
	DURBAN	29.8S 31.2E	1209Z 12 OCT
	PORT_ELIZABETH	33.9S 25.8E	1311Z 12 OCT
	CAPE_TOWN	34.1S 18.0E	1410Z 12 OCT
SINGAPORE	SINGAPORE	1.2N 103.8E	1550Z 12 OCT

ADDITIONAL BULLETINS WILL BE ISSUED BY THE PACIFIC TSUNAMI WARNING CENTER FOR THIS EVENT AS MORE 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.

BULLETIN NUMBER 012

TEST...TSUNAMI BULLETIN NUMBER 012 ...TEST
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1100Z 12 OCT 2011

THIS BULLETIN IS FOR ALL AREAS OF THE INDIAN OCEAN.

... 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 -	0100Z 12 OCT 2011
COORDINATES -	3.3 NORTH 95.9 EAST
LOCATION -	NORTHERN SUMATRA INDONESIA
MAGNITUDE -	9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
SABANG ID	5.8N	095.3E	0140Z	5.3M / 17.4FT	17MIN
TELUKDALAM, ID	0.6N	097.8E	0207Z	7.5M / 24.6FT	19MIN

PADANG, ID	1.0S	100.4E	0316Z	1.5M / 4.9FT	17MIN
COCOS IS, AU	12.1S	096.9E	0332Z	0.3M / 1.1FT	15MIN
CHRISTMAS IS, AU	10.4S	105.7E	0339Z	0.6M / 2.0FT	20MIN
SIBOLGA, ID	1.7N	98.8E	0349Z	4.0M / 13.1FT	18MIN
TRINCONMALEE, LK	8.6N	81.2E	0350Z	3.8M / 12.5FT	18MIN
COLOMBO, LK	6.9N	79.9E	0423Z	2.2M / 7.2FT	21MIN
KO TAPHAO NOI, TH	7.8N	098.4E	0441Z	4.4M / 14.4FT	18MIN
GAN, MV	0.7S	73.2E	0451Z	2.9M / 9.5FT	18MIN
MALE, MV	4.2N	73.5E	0444Z	3.3M / 10.8FT	16MIN
SITTWE, MM	20.2N	92.9E	0500Z	1.2M / 3.9FT	12MIN
HANIMAADHOO, MV	6.8N	73.2E	0455Z	2.9M / 9.5FT	18MIN
DIEGO GARCIA, UK	7.3S	72.4E	0457Z	1.7M / 5.6FT	18MIN
LANGKAWI, MY	6.9N	99.8E	0535Z	2.3M / 7.5FT	16MIN
RODRIGUES, MU	19.7S	63.4E	0705Z	1.6M / 5.2FT	16MIN
PORT LOUIS, MU	20.2S	57.5E	0806Z	1.0M / 3.3FT	15MIN
SALALAH, OM	16.9N	54.0E	0835Z	0.5M / 1.6FT	19MIN
MASIRAH, OM	20.7N	58.9E	0900Z	0.4M / 1.3FT	19MIN
CHABAHAR, IR	25.3N	60.6E	0913Z	0.9M / 3.0FT	17MIN
HILLARYS, AU	31.8S	115.7E	0730Z	0.5M / 1.6FT	18MIN
LAMU, KE	2.3S	40.9E	1022Z	1.5M / 4.9FT	17MIN
MOMBASA, KE	4.1S	39.6E	1026Z	2.3M / 7.5FT	15MIN
ZANZIBAR, TZ	6.2S	39.2E	1033Z	2.2M / 7.2FT	16MIN
LAMU, KE	2.3S	40.9E	1022Z	1.5M / 4.9FT	17MIN
MOMBASA, KE	4.1S	39.6E	1026Z	2.3M / 7.5FT	15MIN

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.

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.

ANNEX III

EXERCISE BULLETINS − JMA

BULLETIN NUMBER 001

TSUNAMI BULLETIN NUMBER 001
ISSUED BY THE JAPAN METEOROLOGICAL AGENCY (JMA)
ISSUED AT 0120 12 OCT 2011 (UTC)

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

1.EARTHQUAKE INFORMATION
ORIGIN TIME : 0100 12 OCT 2011 (UTC)
COORDINATES : 3.3 NORTH 95.9 EAST
LOCATION : OFF WEST COAST OF NORTHERN SUMATRA, INDONESIA
MAGNITUDE : 8.2

2.EVALUATION
THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE
TSUNAMI IN THE INDIAN OCEAN.

3.ESTIMATED TSUNAMI TRAVEL TIME
ONE HOUR OR LESS
INDIA:
ALL COASTS OF ANDAMAN AND NICOBAR ISLANDS
INDONESIA:
INDIAN OCEAN COAST OF SUMATRA
MALACCA COAST OF SUMATRA
ONE HOUR TO THREE HOURS
INDIA:
BENGAL BAY COAST
SRI LANKA:
ALL COASTS
THAILAND:
MALACCA COAST
INDONESIA:
INDIAN OCEAN COAST OF JAWA
AUSTRALIA:
COCOS ISLANDS
THREE HOURS TO SIX HOURS
INDIA:
ARABIAN SEA COAST
MALDIVES:
ALL COASTS
BANGLADESH:
BENGAL BAY COAST
MYANMAR:
BENGAL BAY COAST
ANDAMAN SEA COAST
MALAYSIA:
MALACCA COAST
INDONESIA:
SOUTH COASTS OF LESSER SUNDA ISLANDS
ARAFURA SEA COAST FROM LETI ISLANDS TO IRIAN JAYA

EAST TIMOR:
TIMOR SEA COAST
AUSTRALIA:
NORTHWEST COAST AND WEST COAST
UNITED KINGDOM:
CHAGOS ARCHIPELAGO
SIX HOURS TO NINE HOURS
COMOROS:
ALL COASTS
FRANCE:
MAYOTTE ISLAND
REUNION ISLAND
CROZET ISLANDS
AMSTERDAM ISLAND AND ST-PAUL
MADAGASCAR:
ALL COASTS
SEYCHELLES:
ALL COASTS
MAURITIUS:
ALL COASTS
MOZAMBIQUE:
ALL COASTS
TANZANIA:
ALL COASTS
KENYA:
ALL COASTS
SOMALI:
INDIAN OCEAN COAST
GULF COAST
YEMEN:
GULF COAST
OMAN:
ARABIAN SEA COAST
GULF COAST
UAE:
GULF COAST
IRAN:
GULF COAST
PAKISTAN:
ARABIAN SEA COAST
AUSTRALIA:
COASTS FROM THE GULF OF CARPENTARIA TO THE ARAFURA SEA
NINE HOURS TO TWELVE HOURS
SOUTH AFRICA:
INDIAN OCEAN COAST
FRANCE:
KERGUELEN
DJIBOUTI:
GULF COAST
TWELVE HOURS OR MORE
SINGAPORE:
MALACCA COAST

*TSUNAMI TRAVEL TIME IS ESTIMATED ONLY FROM EARTHQUAKE DATA AND INDICATES THE TIME LAPSE BETWEEN ORIGIN TIME AND TSUNAMI

ARRIVAL TIME.

*THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES
ABOUT THE POTENTIAL OF TSUNAMI GENERATION AND ESTIMATED TSUNAMI
TRAVEL TIME BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE
REPORTS ON TSUNAMI OBSERVATIONS.

=

BULLETIN NUMBER 002

TSUNAMI BULLETIN NUMBER 002
ISSUED BY THE JAPAN METEOROLOGICAL AGENCY (JMA)
ISSUED AT 0150 12 OCT 2011 (UTC)

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

1.EARTHQUAKE INFORMATION
ORIGIN TIME : 0100 12 OCT 2011 (UTC)
COORDINATES : 3.3 NORTH 95.9 EAST
LOCATION : OFF WEST COAST OF NORTHERN SUMATRA, INDONESIA
MAGNITUDE : 9.2

2.EVALUATION
THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE
TSUNAMI IN THE INDIAN OCEAN.

3.ESTIMATED TSUNAMI TRAVEL TIME
ONE HOUR OR LESS
INDIA:
ALL COASTS OF ANDAMAN AND NICOBAR ISLANDS
THAILAND:
MALACCA COAST
INDONESIA:
INDIAN OCEAN COAST OF SUMATRA
MALACCA COAST OF SUMATRA
ONE HOUR TO THREE HOURS
INDIA:
BENGAL BAY COAST
MALDIVES:
ALL COASTS
SRI LANKA:
ALL COASTS
MALAYSIA:
MALACCA COAST
INDONESIA:
INDIAN OCEAN COAST OF JAWA
AUSTRALIA:
COCOS ISLANDS
THREE HOURS TO SIX HOURS
FRANCE:
AMSTERDAM ISLAND AND ST-PAUL
MAURITIUS:

ALL COASTS
INDIA:
ARABIAN SEA COAST
BANGLADESH:
BENGAL BAY COAST
MYANMAR:
BENGAL BAY COAST
ANDAMAN SEA COAST
INDONESIA:
SOUTH COASTS OF LESSER SUNDA ISLANDS
ARAFURA SEA COAST FROM LETI ISLANDS TO IRIAN JAYA
EAST TIMOR:
TIMOR SEA COAST
AUSTRALIA:
NORTHWEST COAST AND WEST COAST
UNITED KINGDOM:
CHAGOS ARCHIPELAGO
SIX HOURS TO NINE HOURS
COMOROS:
ALL COASTS
FRANCE:
MAYOTTE ISLAND
REUNION ISLAND
CROZET ISLANDS
MADAGASCAR:
ALL COASTS
SEYCHELLES:
ALL COASTS
MOZAMBIQUE:
ALL COASTS
TANZANIA:
ALL COASTS
KENYA:
ALL COASTS
SOMALI:
INDIAN OCEAN COAST
GULF COAST
YEMEN:
GULF COAST
OMAN:
ARABIAN SEA COAST
GULF COAST
UAE:
GULF COAST
IRAN:
GULF COAST
PAKISTAN:
ARABIAN SEA COAST
AUSTRALIA:
COASTS FROM THE GULF OF CARPENTARIA TO THE ARAFURA SEA
NINE HOURS TO TWELVE HOURS
SOUTH AFRICA:
INDIAN OCEAN COAST
FRANCE:
KERGUELEN

DJIBOUTI:
GULF COAST
TWELVE HOURS OR MORE
SINGAPORE:
MALACCA COAST

4.OBSERVATIONS ON MAXIMUM TSUNAMI WAVE

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SABANG	05.8N 095.3E	0125Z 12 OCT	4.0M

*TSUNAMI TRAVEL TIME IS ESTIMATED ONLY FROM EARTHQUAKE DATA AND INDICATES THE TIME LAPSE BETWEEN ORIGIN TIME AND TSUNAMI ARRIVAL TIME.

*THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION AND ESTIMATED TSUNAMI TRAVEL TIME BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS.

=

BULLETIN NUMBER 003

TSUNAMI BULLETIN NUMBER 003
ISSUED BY THE JAPAN METEOROLOGICAL AGENCY (JMA)
ISSUED AT 0300 12 OCT 2011 (UTC)

... AN INDIAN-OCEAN-WIDE TSUNAMI WATCH IS IN EFFECT ...

1.EARTHQUAKE INFORMATION
ORIGIN TIME : 0100 12 OCT 2011 (UTC)
COORDINATES : 3.3 NORTH 95.9 EAST
LOCATION : OFF WEST COAST OF NORTHERN SUMATRA, INDONESIA
MAGNITUDE : 9.2

2.EVALUATION
THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI IN THE INDIAN OCEAN.

3.ESTIMATED TSUNAMI TRAVEL TIME
ONE HOUR OR LESS
INDIA:
ALL COASTS OF ANDAMAN AND NICOBAR ISLANDS
THAILAND:
MALACCA COAST
INDONESIA:
INDIAN OCEAN COAST OF SUMATRA
MALACCA COAST OF SUMATRA
ONE HOUR TO THREE HOURS
INDIA:
BENGAL BAY COAST
MALDIVES:

ALL COASTS
SRI LANKA:
ALL COASTS
MALAYSIA:
MALACCA COAST
INDONESIA:
INDIAN OCEAN COAST OF JAWA
AUSTRALIA:
COCOS ISLANDS
THREE HOURS TO SIX HOURS
FRANCE:
AMSTERDAM ISLAND AND ST-PAUL
MAURITIUS:
ALL COASTS
INDIA:
ARABIAN SEA COAST
BANGLADESH:
BENGAL BAY COAST
MYANMAR:
BENGAL BAY COAST
ANDAMAN SEA COAST
INDONESIA:
SOUTH COASTS OF LESSER SUNDA ISLANDS
ARAFURA SEA COAST FROM LETI ISLANDS TO IRIAN JAYA
EAST TIMOR:
TIMOR SEA COAST
AUSTRALIA:
NORTHWEST COAST AND WEST COAST
UNITED KINGDOM:
CHAGOS ARCHIPELAGO
SIX HOURS TO NINE HOURS
COMOROS:
ALL COASTS
FRANCE:
MAYOTTE ISLAND
REUNION ISLAND
CROZET ISLANDS
MADAGASCAR:
ALL COASTS
SEYCHELLES:
ALL COASTS
MOZAMBIQUE:
ALL COASTS
TANZANIA:
ALL COASTS
KENYA:
ALL COASTS
SOMALI:
INDIAN OCEAN COAST
GULF COAST
YEMEN:
GULF COAST
OMAN:
ARABIAN SEA COAST
GULF COAST

UAE:
GULF COAST
IRAN:
GULF COAST
PAKISTAN:
ARABIAN SEA COAST
AUSTRALIA:
COASTS FROM THE GULF OF CARPENTARIA TO THE ARAFURA SEA
NINE HOURS TO TWELVE HOURS
SOUTH AFRICA:
INDIAN OCEAN COAST
FRANCE:
KERGUELEN
DJIBOUTI:
GULF COAST
TWELVE HOURS OR MORE
SINGAPORE:
MALACCA COAST

4.OBSERVATIONS ON MAXIMUM TSUNAMI WAVE

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SITTWE	20.2N 092.9E	0248Z 12 OCT	1.0M
MOULMEIN	16.5N 097.6E	0254Z 12 OCT	2.5M
KO MIANG	08.6N 097.6E	0230Z 12 OCT	4.0M
SABANG	05.8N 095.3E	0125Z 12 OCT	4.0M
SIBOLGA	01.7N 098.8E	0255Z 12 OCT	0.4M
PADANG	01.0S 100.4E	0255Z 12 OCT	0.6M
TRINCONMALEE	08.6N 081.2E	0254Z 12 OCT	4.0M

AMPL -- AMPLITUDE IN METERS OF HALF OF THE CREST TO TROUGH

*TSUNAMI TRAVEL TIME IS ESTIMATED ONLY FROM EARTHQUAKE DATA AND INDICATES THE TIME LAPSE BETWEEN ORIGIN TIME AND TSUNAMI ARRIVAL TIME.

*THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION AND ESTIMATED TSUNAMI TRAVEL TIME BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS.

ANNEX IV

SAMPLE PRESS RELEASE

TEMPLATE FOR NEWS RELEASE USE AGENCY LETTERHEAD

Contact: *(insert name)* **FOR IMMEDIATE RELEASE** *(insert phone number) (insert date) (insert email address)*

INDIAN OCEAN-WIDE TSUNAMI EXERCISE SET FOR OCTOBER

(insert country name) will join over 20 other countries around the Indian Ocean Rim as a participant in a mock tsunami scenario on 12 October 2011. The purpose of this Indian Ocean-wide exercise is to increase preparedness, evaluate response capabilities in each country and improve coordination throughout the region.

"The 2004 Indian Ocean tsunami and subsequent events in the Indian and Pacific Oceans have brought to the attention of the world the urgent need to be more prepared for such events," said *(insert name of appropriate official)*. "This important exercise will test the current procedures of the Indian Ocean Tsunami Warning and Mitigation System and help identify operational strengths and weaknesses in each country."

The exercise, titled Exercise Indian Ocean Wave 2011 (IOWave11), will simulate Indian Ocean countries being put into a Tsunami Warning situation requiring government decision-making. It builds on the first Indian Ocean exercise conducted in 2009 (IOWave09) *and on prior national tsunami warning drill carried out in (dates) (delete if not applicable)*.

Following the IOWave11 exercise, the Indian Ocean Regional Tsunami Service Providers (RTSPs) will commence operations, while the Interim Advisory Service (IAS) provided by the Japan Meteorological Agency (JMA) and the Pacific Tsunami Warning Center (PTWC) since 2005 will continue to operate a parallel service.

The exercise can be divided into two stages. In the first stage, a destructive tsunami crossing the Indian Ocean from an earthquake source near Aceh-Sumatra will be simulated by international notifications from the RTSPs of Australia, India and Indonesia and the Regional Integrated Multi-hazard Early Warning System (RIMES) to designated Tsunami Warning Focal Points in each country. The IAS providers, Japan Meteorological Agency (JMA) and Pacific Tsunami Warning Center (PTWC) will also transmit exercise bulletins.

In the second stage, conducted simultaneously in response to receipt of the international messages and any national tsunami detection, analysis, and forecasting capabilities, government officials will simulate decision-making and alerting procedures down to the last step before public notification. *Notification of emergency management and response authorities for a single coastal community will be used as a measure of the end-to end process for purposes of this exercise. Due care will be taken to ensure the public is not inadvertently alarmed. (delete if not applicable)*

Insert paragraph tailored for specific country. Could identify participating agencies and specific plans. Could describe current early warning programme, past evacuation drills (if any), ongoing mitigation and public education programmes, etc. Could describe tsunami threat, history of tsunami hazards, if any.

Should any actual tsunami threat occur during the time period of the exercise, 12 October 2011, the drill will be terminated.

Following the exercise, a review and evaluation will be conducted by all participating countries and agencies.

“We see this exercise as an essential element in the routine maintenance of the Indian Ocean Tsunami Warning and Mitigation System,” said *(insert name of appropriate official)*.

“Our goal is to ensure the timely and effective early warning of tsunamis, to educate communities at risk about safety preparedness, and to improve our overall coordination. We will evaluate what works well, where improvements are needed, make necessary changes, and continue to practice.”

The exercise is in the Work Plan of the Intergovernmental Coordination Group of the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS). ICG/IOTWS is a body of UNESCO’s Intergovernmental Oceanographic Commission.

IOWAVE11 Information:http://www.ioc-unesco.org/iowave11.

ANNEX V

POST EXERCISE EVALUATION

EXERCISE OBJECTIVES

There are six core objectives of the exercise:

1. Validate the Regional Tsunami Service Providers, RIMES and Interim Advisory Services providers' dissemination process of issuing Tsunami Bulletins to Indian Ocean countries.

2. Validate the Standard Operating Procedures for countries receiving and confirming Tsunami Bulletins through their designated Tsunami Watch Focal Points (TWFPs).

3. Validate Standard Operating Procedures for dissemination of warning messages to relevant Agencies within a country, provinces and local jurisdictions.

4. Validate the national level organizational decision making process about public warnings and evacuations.

5. Identify the methods that would be employed to notify and instruct the public.

6. Assess the elapsed time until public would be notified and instructed.

EXERCISE SUCCESS CRITERIA

The exercise will be a success when:

- The core objectives above were exercised, performance evaluated and reported upon.

- The dynamics between the National Tsunami Warning Centres, Tsunami Warning Focal Points and information dissemination points within countries at the onset of a tsunami event are tested and understood.

- Areas where aspects of warnings for a tsunami event can be improved are identified, both for tsunami warning centres and individual countries.

- It supports the establishment or review of planning for response to tsunamis at national and regional/local levels.

EVALUATING PARTICIPANT PERFORMANCE

Evaluation is based on:

1. Reporting on each of the core objectives described above.

2. Specific measurable sub-objectives for some of the core objectives.

Participants must fill in all reports and score each sub-objective, fill in detail where requested and make any comments in the spaces provided on the attached forms.

Separate forms are designed and marked for:

1. **National Tsunami Warning Centres** (only Objectives 1, 2, 3 and 5). Each NTWC is also requested to complete a Communications Test Log during the test, recording:

   - The arrival times of RTSP and RIMES notification messages at their NTWC,
   - How the messages arrived (GTS, email, fax, SMS),
   - Whether or not the NTWC was able to access the updated bulletin messages on the RTSP and RIMES websites, and
   - Whether or not the NTWC was able to report its national warning status via the web-based report form.

2. **Tsunami Emergency Response agencies** and/or provinces/local jurisdictions within countries. These are the recipients of warnings disseminated from the national decision making/dissemination points (Objectives 3–6).

Please fill in only those forms that are relevant to your particular circumstances.

The score rating for sub-objectives is as follows:

Rating	Definition
1	Did not meet the objectives (state why not)
2	Met some of the objectives (state what part was not met)
3	Met the objectives
4	Exceeded the objectives (state how)

EVALUATION FORMS

The following pages contain the Exercise Evaluation Forms to be filled out by the appropriate organizations after IOWave11 and returned by 31 October 2011 to the ICG/IOTWS Secretariat (E-mail: iotws@unesco.org, Fax: +61 8 9226 0599)

EVALUATION FORMS

NATIONAL TSUNAMI WARNING CENTRES

OBJECTIVES

1. Validate the Regional Tsunami Service Providers, RIMES and Interim Advisory Services providers' dissemination process of issuing Tsunami Bulletins to Indian Ocean countries.

2. Validate the Standard Operating Procedures for countries receiving and confirming Tsunami Bulletins through their designated Tsunami Watch Focal Points (TWFPs).

3. Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

OPTIONAL

5. Identify the modes that would be employed to notify and instruct the public (answer only if the NTWC has responsibility for this)

6. Assess the elapsed time until the public would be notified and instructed (answer only if ***the NTWC has responsibility for this***)

Country: _____

Agency/Authority:_____

EXERCISE PLANNING AND CONDUCT

The exercise planning, conduct, format, and style were satisfactory.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 1

Validate the Regional Tsunami Service Providers, RIMES and Interim Advisory Services providers' dissemination process of issuing Tsunami Bulletins to Indian Ocean countries.

Country: _____

Agency/Authority:_____

1 (a) Judged against the nature of this event, information issued by the Regional Tsunami Service Provider(s), RIMES and Interim Advisory Service was timely:

Circle/Highlight score: 1 2 3 4

1 (b) The method(s) used by the Tsunami Warning Centre(s) to send bulletins to us were appropriate.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions:

OBJECTIVE 2

Validate the Standard Operating Procedures for countries receiving and confirming Tsunami Bulletins through their designated Tsunami Watch Focal Points (TWFPs).

Country: _____

Agency/Authority:_____

Receipt of Warning from the Regional Tsunami Service Providers, RIMES and the Interim Advisory Service Providers.

Country: _____

Name of NTWC: _____

RTSP INDIA Messages

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RTSP INDIA WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
0100 UTC Earthquake occurs		GTS			
		Fax			
		Email			
		SMS			
0105 UTC Bulletin 1		GTS			
		Fax			
		Email			
		SMS			
0110 UTC Bulletin 2		GTS			
		Fax			
		Email			
		SMS			
0140 UTC Bulletin 3		GTS			
		Fax			
		Email			
		SMS			
0200 UTC Bulletin 4		GTS			
		Fax			
		Email			
		SMS			
0300 UTC Bulletin 5		GTS			
		Fax			
		Email			
		SMS			
0400 UTC Bulletin 6		GTS			
		Fax			
		Email			
		SMS			

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RTSP INDIA WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
0500 UTC Bulletin 7		GTS			
		Fax			
		Email			
		SMS			
0600 UTC Bulletin 8		GTS			
		Fax			
		Email			
		SMS			
0700 UTC Bulletin 9		GTS			
		Fax			
		Email			
		SMS			
0800 UTC Bulletin 10		GTS			
		Fax			
		Email			
		SMS			
0900 UTC Bulletin 11		GTS			
		Fax			
		Email			
		SMS			
1000 UTC Bulletin 12		GTS			
		Fax			
		Email			
		SMS			
1100 UTC Bulletin 13		GTS			
		Fax			
		Email			
		SMS			
1200 UTC Bulletin 14		GTS			
		Fax			
		Email			
		SMS			
1300 UTC Bulletin 15		GTS			
		Fax			
		Email			
		SMS			

Name of NTWC: _____

RTSP INDONESIA Messages

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RTSP INDONESIA WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
0100 UTC Earthquake occurs		GTS			
		Fax			
		Email			
		SMS			
0105 UTC Bulletin 1		GTS			
		Fax			
		Email			
		SMS			
0110 UTC Bulletin 2		GTS			
		Fax			
		Email			
		SMS			
0145 UTC Bulletin 3		GTS			
		Fax			
		Email			
		SMS			
0245 UTC Bulletin 4		GTS			
		Fax			
		Email			
		SMS			
0345 UTC Bulletin 5		GTS			
		Fax			
		Email			
		SMS			
0445 UTC Bulletin 6		GTS			
		Fax			
		Email			
		SMS			
0545 UTC Bulletin 7		GTS			
		Fax			
		Email			
		SMS			
0645 UTC Bulletin 8		GTS			
		Fax			
		Email			
		SMS			
0745 UTC Bulletin 9		GTS			
		Fax			
		Email			
		SMS			
0945 UTC Bulletin 10		GTS			
		Fax			
		Email			

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RTSP INDONESIA WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
		SMS			
1145 UTC Bulletin 11		GTS			
		Fax			
		Email			
		SMS			
1300 UTC Bulletin 12		GTS			
		Fax			
		Email			
		SMS			

Name of NTWC: _____

RTSP AUSTRALIA Messages

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RTSP AUSTRALIA WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
0100 UTC Earthquake occurs		GTS			
		Fax			
		Email			
		SMS			
0105 UTC Bulletin 1		GTS			
		Fax			
		Email			
		SMS			
0112 UTC Bulletin 2		GTS			
		Fax			
		Email			
		SMS			
0145 UTC Bulletin 3		GTS			
		Fax			
		Email			
		SMS			
0150 UTC Bulletin 4		GTS			
		Fax			
		Email			
		SMS			
0300 UTC Bulletin 5		GTS			
		Fax			
		Email			
		SMS			
0400 UTC Bulletin 6		GTS			
		Fax			

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RTSP AUSTRALIA WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
		Email			
		SMS			
0500 UTC Bulletin 7		GTS			
		Fax			
		Email			
		SMS			
0600 UTC Bulletin 8		GTS			
		Fax			
		Email			
		SMS			
0700 UTC Bulletin 9		GTS			
		Fax			
		Email			
		SMS			
0800 UTC Bulletin 10		GTS			
		Fax			
		Email			
		SMS			
0900 UTC Bulletin 11		GTS			
		Fax			
		Email			
		SMS			
1000 UTC Bulletin 12		GTS			
		Fax			
		Email			
		SMS			
1100 UTC Bulletin 13		GTS			
		Fax			
		Email			
		SMS			
1200 UTC Bulletin 14		GTS			
		Fax			
		Email			
		SMS			

NAME OF NTWC: _____

RIMES Messages

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RIMES WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
0100 UTC Earthquake occurs		GTS			
		Fax			
		Email			
		SMS			
0105 UTC Bulletin 1		GTS			
		Fax			
		Email			
		SMS			
0112 UTC Bulletin 2		GTS			
		Fax			
		Email			
		SMS			
0143 UTC Bulletin 3		GTS			
		Fax			
		Email			
		SMS			
0243 UTC Bulletin 4		GTS			
		Fax			
		Email			
		SMS			
0343 UTC Bulletin 5		GTS			
		Fax			
		Email			
		SMS			
0443 UTC Bulletin 6		GTS			
		Fax			
		Email			
		SMS			
0543 UTC Bulletin 7		GTS			
		Fax			
		Email			
		SMS			
0643 UTC Bulletin 8		GTS			
		Fax			
		Email			
		SMS			
0743 UTC Bulletin 9		GTS			
		Fax			
		Email			
		SMS			
0943 UTC Bulletin 10		GTS			
		Fax			
		Email			

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	RIMES WEBSITE ACCESSIBLE? (Y/N)	ABLE TO REPORT NTWC STATUS VIA WEB?	COMMENTS
		SMS			
1043 UTC Bulletin 11		GTS			
		Fax			
		Email			
		SMS			
1200 UTC Bulletin 12		GTS			
		Fax			
		Email			
		SMS			

NAME OF NTWC: _____

Pacific Tsunami Warning Center (PTWC) Messages

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	COMMENTS
0100 UTC Earthquake occurs		GTS	
		Fax	
		Email	
0115 UTC Bulletin 1		GTS	
		Fax	
		Email	
0145 UTC Bulletin 2		GTS	
		Fax	
		Email	
0245 UTC Bulletin 3		GTS	
		Fax	
		Email	
0345 UTC Bulletin 4		GTS	
		Fax	
		Email	
0445 UTC Bulletin 5		GTS	
		Fax	
		Email	
0545 UTC Bulletin 6		GTS	
		Fax	
		Email	
0645 UTC Bulletin 7		GTS	
		Fax	
		Email	
0745 UTC Bulletin 8		GTS	
		Fax	
		Email	
0845 UTC Bulletin 9		GTS	
		Fax	

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	COMMENTS
		Email	
0945 UTC Bulletin 10		GTS	
		Fax	
		Email	
1045 UTC Bulletin 11		GTS	
		Fax	
		Email	
1100 UTC Bulletin 12		GTS	
		Fax	
		Email	

NAME OF NTWC: _____

Japan Meteorological Agency (JMA) Messages

MESSAGE	TIME RECEIVED (UTC)	HOW RECEIVED	COMMENTS
0100 UTC Earthquake occurs		GTS	
		Fax	
		Email	
0120 UTC Bulletin 1		GTS	
		Fax	
		Email	
0150 UTC Bulletin 2		GTS	
		Fax	
		Email	
0300 UTC Bulletin 3		GTS	
		Fax	
		Email	

OBJECTIVE 3

Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

Country: _____

Agency/Authority: _____

DISSEMINATION OF WARNING

Dissemination Points:

	Time warning sent (UTC)	Method of delivery	Number of failed deliveries	Reasons for failed deliveries	Alternate action taken
Emergency Services					
Other national government agencies					
Science agencies/universities for assessment					
Local government: provincial/regional level					
Local government: city/district level					

Confirmations:

	Method of confirming receipt	Time confirmation received (UTC)	Number of non confirmations	Reasons for non confirmation	Alternate action taken
Emergency Services					
Other national government agencies					
Science agencies/universities for assessment					
Local government: provincial/regional level					
Local government: city/district level					

OBJECTIVE 5

Identify the modes that would be employed to notify and instruct the public (***answer only if the NTWC has responsibility for this***).

Country: _____

Agency/Authority:_____

As part of our decision-making during this exercise we have determined to use the following means of public notification and instruction in a real event of this kind:

METHOD	YES/NO	ARRANGEMENTS EXIST (YES/NO)
Public radio broadcasts		
TV announcements/teletext		
Public announcement systems		
Cell broadcast		
SMS (cell)		
Public call centre		
Website		
Telephone		
Sirens		
Door to door announcements		
Other (specify)		
Email		

OBJECTIVE 6

Assess the elapsed time until the public would be notified and instructed (***answer only if the NTWC has responsibility for this***).

Country: _____

Agency/Authority:_____

The following times applied to us:

ACTIVITY	ELAPSED TIME (E.G. 1HR 15MINS)
Making a decision on public warning (From time of receipt of warning)	
Formulation/compilation of public notification (From time of decision)	
Activation of public notification systems (From time of notification formulated)	
Total Time	

EVALUATION FORMS

TSUNAMI EMERGENCY RESPONSE AGENCIES

OBJECTIVES

3. Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

4. Validate the organizational decision making process about public warnings and evacuations.

5. Identify the modes that would be employed to notify and instruct the public.

6. Assess the elapsed time until the public would be notified and instructed.

Country: _____

Agency/Authority:_____

EXERCISE PLANNING AND CONDUCT

The exercise planning, conduct, format, and style were satisfactory.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 3

Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

Country: _____

Agency/Authority:_____

DISSEMINATION OF WARNING

Dissemination Points:

	Time warning sent (UTC)	Method of delivery	Number of failed deliveries	Reasons for failed deliveries	Alternate action taken
Emergency Services					
Other national government agencies					
Science agencies/universities for assessment					
Local government: provincial/regional level					
Local government: city/district level					

Confirmations:

	Method of confirming receipt	Time confirmation received (UTC)	Number of non confirmations	Reasons for non confirmation	Alternate action taken
Emergency Services					
Other national government agencies					
Science agencies/universities for assessment					
Local government: provincial/regional level					
Local government: city/district level					

OBJECTIVE 3 (cont.)

Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

Country: _____

Agency/Authority:_____

3 (a) Judged against the nature of this event, information issued by our national decision-making and dissemination point was timely:

Circle/Highlight score: 1 2 3 4

3 (b) The method of communication from our national decision-making and dissemination point to us was sufficient to support decision-making:

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4A

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (a) The method of communication between our national decision-making and dissemination point and individual response agencies and provinces/local jurisdictions was sufficient to support our national information requirements.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4B

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (b) Arrangements to assemble our management group relevant to decision-making on tsunami warning and response were in place before the exercise.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4C

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (c) Our management group relevant to decision-making on tsunami warning & response was assembled within X minutes (fill in) after receiving the first warning. This was timely to facilitate good decision-making.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4D

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (d) The quality of the information issued by our national decision-making and dissemination point was sufficient to support local level decision-making:

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4E

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (e) The quality of the information received back from our response agencies and local level government were sufficient to support national level decision-making:

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4F

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (f) Sufficient national information was available to support national level decision-making (Regional Tsunami Service Provider information, country-generated scientific assessments, national considerations etc):

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4G

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (g) Sufficient local information was available to support our assessment and decision-making (local hazard assessments, inundation areas identified, evacuation plans etc).

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4H

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority:_____

4 (h) We were able to make decisions about appropriate warnings and response

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4I

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority: _____

4 (i) Decision-making was based on pre-existing plans for an event of this nature.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions

OBJECTIVE 4J

Validate the organizational decision making process about public warnings and evacuations.

Country: _____

Agency/Authority: _____

4 (j) The exercise contributed to the improvement or the development of planning related to public warnings and other response activities required for an event of this nature.

Circle/Highlight score: 1 2 3 4

Remarks/suggestions:

OBJECTIVE 5

Identify the modes that would be employed to notify and instruct the public.

Country: _____

Agency/Authority: _____

As part of our decision-making during this exercise we have determined to use the following means of public notification and instruction in a real event of this kind:

METHOD	YES/NO	ARRANGEMENTS EXIST (YES/NO)
Public radio broadcasts		
TV announcements/teletext		
Public announcement systems		
Cell broadcast		
SMS (cell)		
Public call centre		
Website		
Telephone		
Sirens		
Door to door announcements		
Other (specify)		
Email		

OBJECTIVE 6

Assess the elapsed time until the public would be notified and instructed.

Country: _____

Agency/Authority: _____

The following times applied to us:

ACTIVITY	ELAPSED TIME (E.G. 1HR 15MINS)
Making a decision on public warning (From time of receipt of warning)	
Formulation/compilation of public notification (From time of decision)	
Activation of public notification systems (From time of notification formulated)	
Total Time	

ANNEX VI

LIST OF ACRONYMS

GTS	Global Telecommunication System
IAS	Interim Advisory Service
ICG/IOTWS	International Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System
IOC	Intergovernmental Oceanographic Commission
IOWave	Indian Ocean Wave Exercise
JMA	Japan Meteorological Agency
NDMO	National Disaster Management Organization
NGO	Non-Governmental Organization
NTWC	National Tsunami Warning Centre
PTWC	Pacific Tsunami Warning Center
RIMES	Regional Integrated Multi-Hazard Early Warning System
RTSP	Regional Tsunami Advisory Service Provider
SOP	Standard Operating Procedure
UNESCO	United Nations Educational, Scientific and Cultural Organization
WMO	World Meteorological Organization

No.	Title	Languages
1	Manual on International Oceanographic Data Exchange. 1965	(out of stock)
2	Intergovernmental Oceanographic Commission (Five years of work). 1966	(out of stock)
3	Radio Communication Requirements of Oceanography. 1967	(out of stock)
4	Manual on International Oceanographic Data Exchange - Second revised edition. 1967	(out of stock)
5	Legal Problems Associated with Ocean Data Acquisition Systems (ODAS). 1969	(out of stock)
6	Perspectives in Oceanography, 1968	(out of stock)
7	Comprehensive Outline of the Scope of the Long-term and Expanded Programme of Oceanic Exploration and Research. 1970	(out of stock)
8	IGOSS (Integrated Global Ocean Station System) - General Plan Implementation Programme for Phase I. 1971	(out of stock)
9	Manual on International Oceanographic Data Exchange - Third Revised Edition. 1973	(out of stock)
10	Bruun Memorial Lectures, 1971	E, F, S, R
11	Bruun Memorial Lectures, 1973	(out of stock)
12	Oceanographic Products and Methods of Analysis and Prediction. 1977	E only
13	International Decade of Ocean Exploration (IDOE), 1971-1980. 1974	(out of stock)
14	A Comprehensive Plan for the Global Investigation of Pollution in the Marine Environment and Baseline Study Guidelines. 1976	E, F, S, R
15	Bruun Memorial Lectures, 1975 - Co-operative Study of the Kuroshio and Adjacent Regions. 1976	(out of stock)
16	Integrated Ocean Global Station System (IGOSS) General Plan and Implementation Programme 1977-1982. 1977	E, F, S, R
17	Oceanographic Components of the Global Atmospheric Research Programme (GARP) . 1977	(out of stock)
18	Global Ocean Pollution: An Overview. 1977	(out of stock)
19	Bruun Memorial Lectures - The Importance and Application of Satellite and Remotely Sensed Data to Oceanography. 1977	(out of stock)
20	A Focus for Ocean Research: The Intergovernmental Oceanographic Commission - History, Functions, Achievements. 1979	(out of stock)
21	Bruun Memorial Lectures, 1979: Marine Environment and Ocean Resources. 1986	E, F, S, R
22	Scientific Report of the Interealibration Exercise of the IOC-WMO-UNEP Pilot Project on Monitoring Background Levels of Selected Pollutants in Open Ocean Waters. 1982	(out of stock)
23	Operational Sea-Level Stations. 1983	E, F, S, R
24	Time-Series of Ocean Measurements. Vol.1. 1983	E, F, S, R
25	A Framework for the Implementation of the Comprehensive Plan for the Global Investigation of Pollution in the Marine Environment. 1984	(out of stock)
26	The Determination of Polychlorinated Biphenyls in Open-ocean Waters. 1984	E only
27	Ocean Observing System Development Programme. 1984	E, F, S, R
28	Bruun Memorial Lectures, 1982: Ocean Science for the Year 2000. 1984	E, F, S, R
29	Catalogue of Tide Gauges in the Pacific. 1985	E only
30	Time-Series of Ocean Measurements. Vol. 2. 1984	E only
31	Time-Series of Ocean Measurements. Vol. 3. 1986	E only
32	Summary of Radiometric Ages from the Pacific. 1987	E only
33	Time-Series of Ocean Measurements. Vol. 4. 1988	E only

(continued)

No.	Title	Languages
34	Bruun Memorial Lectures, 1987: Recent Advances in Selected Areas of Ocean Sciences in the Regions of the Caribbean, Indian Ocean and the Western Pacific. 1988	Composite E, F, S
35	Global Sea-Level Observing System (GLOSS) Implementation Plan. 1990	E only
36	Bruun Memorial Lectures 1989: Impact of New Technology on Marine Scientific Research. 1991	Composite E, F, S
37	Tsunami Glossary - A Glossary of Terms and Acronyms Used in the Tsunami Literature. 1991	E only
38	The Oceans and Climate: A Guide to Present Needs. 1991	E only
39	Bruun Memorial Lectures, 1991: Modelling and Prediction in Marine Science. 1992	E only
40	Oceanic Interdecadal Climate Variability. 1992	E only
41	Marine Debris: Solid Waste Management Action for the Wider Caribbean. 1994	E only
42	Calculation of New Depth Equations for Expendable Bathymerographs Using a Temperature-Error-Free Method (Application to Sippican/TSK T-7, T-6 and T-4 XBTS. 1994	E only
43	IGOSS Plan and Implementation Programme 1996-2003. 1996	E, F, S, R
44	Design and Implementation of some Harmful Algal Monitoring Systems. 1996	E only
45	Use of Standards and Reference Materials in the Measurement of Chlorinated Hydrocarbon Residues. 1996	E only
46	Equatorial Segment of the Mid-Atlantic Ridge. 1996	E only
47	Peace in the Oceans: Ocean Governance and the Agenda for Peace; the Proceedings of *Pacem in Maribus* XXIII, Costa Rica, 1995. 1997	E only
48	Neotectonics and fluid flow through seafloor sediments in the Eastern Mediterranean and Black Seas - Parts I and II. 1997	E only
49	Global Temperature Salinity Profile Programme: Overview and Future. 1998	E only
50	Global Sea-Level Observing System (GLOSS) Implementation Plan-1997. 1997	E only
51	L'état actuel de 1'exploitation des pêcheries maritimes au Cameroun et leur gestion intégrée dans la sous-région du Golfe de Guinée *(cancelled)*	F only
52	Cold water carbonate mounds and sediment transport on the Northeast Atlantic Margin. 1998	E only
53	The Baltic Floating University: Training Through Research in the Baltic, Barents and White Seas - 1997. 1998	E only
54	Geological Processes on the Northeast Atlantic Margin (8th training-through-research cruise, June-August 1998). 1999	E only
55	Bruun Memorial Lectures, 1999: Ocean Predictability. 2000	E only
56	Multidisciplinary Study of Geological Processes on the North East Atlantic and Western Mediterranean Margins (9th training-through-research cruise, June-July 1999). 2000	E only
57	Ad hoc Benthic Indicator Group - Results of Initial Planning Meeting, Paris, France, 6-9 December 1999. 2000	E only
58	Bruun Memorial Lectures, 2001: Operational Oceanography – a perspective from the private sector. 2001	E only
59	Monitoring and Management Strategies for Harmful Algal Blooms in Coastal Waters. 2001	E only
60	Interdisciplinary Approaches to Geoscience on the North East Atlantic Margin and Mid-Atlantic Ridge (10th training-through-research cruise, July-August 2000). 2001	E only
61	Forecasting Ocean Science? Pros and Cons, Potsdam Lecture, 1999. 2002	E only

No.	Title	Languages
62	Geological Processes in the Mediterranean and Black Seas and North East Atlantic (11th training-through-research cruise, July- September 2001). 2002	E only
63	Improved Global Bathymetry – Final Report of SCOR Working Group 107. 2002	E only
64	R. Revelle Memorial Lecture, 2006: Global Sea Levels, Past, Present and Future. 2007	E only
65	Bruun Memorial Lectures, 2003: Gas Hydrates – a potential source of energy from the oceans. 2003	E only
66	Bruun Memorial Lectures, 2003: Energy from the Sea: the potential and realities of Ocean Thermal Energy Conversion (OTEC). 2003	E only
67	Interdisciplinary Geoscience Research on the North East Atlantic Margin, Mediterranean Sea and Mid-Atlantic Ridge (12th training-through-research cruise, June-August 2002). 2003	E only
68	Interdisciplinary Studies of North Atlantic and Labrador Sea Margin Architecture and Sedimentary Processes (13th training-through-research cruise, July-September 2003). 2004	E only
69	Biodiversity and Distribution of the Megafauna / Biodiversité et distribution de la mégafaune. 2006 Vol.1 The polymetallic nodule ecosystem of the Eastern Equatorial Pacific Ocean / Ecosystème de nodules polymétalliques de l'océan Pacifique Est équatorial Vol.2 Annotated photographic Atlas of the echinoderms of the Clarion-Clipperton fracture zone / Atlas photographique annoté des échinodermes de la zone de fractures de Clarion et de Clipperton Vol.3 Options for the management and conservation of the biodiversity — The nodule ecosystem in the Clarion Clipperton fracture zone: scientific, legal and institutional aspects	E F
70	Interdisciplinary geoscience studies of the Gulf of Cadiz and Western Mediterranean Basin (14th training-through-research cruise, July-September 2004). 2006	E only
71	Indian Ocean Tsunami Warning and Mitigation System, IOTWS. Implementation Plan, 7–9 April 2009 (2nd Revision). 2009	E only
72	Deep-water Cold Seeps, Sedimentary Environments and Ecosystems of the Black and Tyrrhenian Seas and the Gulf of Cadiz (15th training-through-research cruise, June–August 2005). 2007	E only
73	Implementation Plan for the Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas (NEAMTWS), 2007–2011. 2007 *(electronic only)*	E only
74	Bruun Memorial Lectures, 2005: The Ecology and Oceanography of Harmful Algal Blooms – Multidisciplinary approaches to research and management. 2007	E only
75	National Ocean Policy. The Basic Texts from: Australia, Brazil, Canada, China, Colombia, Japan, Norway, Portugal, Russian Federation, United States of America. (Also Law of Sea Dossier 1). 2008	E only
76	Deep-water Depositional Systems and Cold Seeps of the Western Mediterranean, Gulf of Cadiz and Norwegian Continental margins (16th training-through-research cruise, May–July 2006). 2008	E only
77	Indian Ocean Tsunami Warning and Mitigation System (IOTWS) – 12 September 2007 Indian Ocean Tsunami Event. Post-Event Assessment of IOTWS Performance. 2008	E only
78	Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (CARIBE EWS) – Implementation Plan 2008. 2008	E only

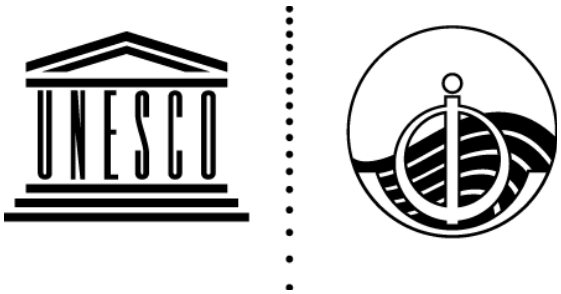
(continued)

No.	Title	Languages
79	Filling Gaps in Large Marine Ecosystem Nitrogen Loadings Forecast for 64 LMEs – GEF/LME global project Promoting Ecosystem-based Approaches to Fisheries Conservation and Large Marine Ecosystems. 2008	E only
80	Models of the World's Large Marine Ecosystems. GEF/LME Global Project Promoting Ecosystem-based Approaches to Fisheries Conservation and Large Marine Ecosystems. 2008	E only
81	Indian Ocean Tsunami Warning and Mitigation System (IOTWS) – Implementation Plan for Regional Tsunami Watch Providers (RTWP). 2008	E only
82	Exercise Pacific Wave 08 – A Pacific-wide Tsunami Warning and Communication Exercise, 28–30 October 2008. 2008	E only
83.	*Cancelled*	
84.	Global Open Oceans and Deep Seabed (GOODS) Bio-geographic Classification. 2009	E only
85.	Tsunami Glossary	E, F, S
86	Pacific Tsunami Warning System (PTWS) Implementation Plan *(under preparation)*	
87.	Operational Users Guide for the Pacific Tsunami Warning and Mitigation System (PTWS) – Second Edition. 2011	E only
88.	Exercise Indian Ocean Wave 2009 (IOWave09) – An Indian Ocean-wide Tsunami Warning and Communication Exercise – 14 October 2009. 2009	E only
89.	Ship-based Repeat Hydrography: A Strategy for a Sustained Global Programme. 2009	E only
90.	12 January 2010 Haiti Earthquake and Tsunami Event Post-Event Assessment of CARIBE EWS Performance. 2010	E only
91.	Compendium of Definitions and Terminology on Hazards, Disasters, Vulnerability and Risks in a coastal context	*Under preparation*
92.	27 February 2010 Chile Earthquake and Tsunami Event – Post-Event Assessment of PTWS Performance (Pacific Tsunami Warning System). 2010	E only
93.	Exercise CARIBE WAVE 11 / LANTEX 11—A Caribbean Tsunami Warning Exercise, 23 March 2011	
	Vol. 1 Participant Handbook / Exercise CARIBE WAVE 11 —Exercice d'alerte au tsunami dans les Caraïbes, 23 mars 2011. Manuel du participant / Ejercicio Caribe Wave 11. Un ejercicio de alerta de tsunami en el Caribe, 23 de marzo de 2011. Manual del participante. 2010	E/F/S
	Vol. 2 Report. 2011	E only
	Vol. 3 Supplement: Media Reports. 2011	E/F/S
94.	Cold seeps, coral mounds and deep-water depositional systems of the Alboran Sea, Gulf of Cadiz and Norwegian continental margin (17th training-through-research cruise, June–July 2008)	*Under preparation*
95.	International Post-Tsunami Survey for the 25 October 2010 Mentawai, Indonesia Tsunami	*Under preparation*
96.	Pacific Tsunami Warning System (PTWS) 11 March 2011 Off Pacific coast of Tohoku, Japan, Earthquake and Tsunami Event. Post-Event Assessment of PTWS Performance	*Under preparation*
97.	Exercise PACIFIC WAVE 11: A Pacific-wide Tsunami Warning and Communication Exercise, 9–10 November 2011	
	Vol. 1 Exercise Manual. 2011	E only
	Vol. 2 Report. 2013	E only
98.	Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and connected seas. First Enlarged Communication Test Exercise (ECTE1). Exercise Manual and Evaluation Report. 2011	E only

No.	Title	Languages
99.	Exercise INDIAN OCEAN WAVE 2011 – An Indian Ocean-wide Tsunami Warning and Communication Exercise, 12 October 2011 Vol. 1 Exercise Manual. 2011 Supplement: Bulletins from the Regional Tsunami Service Providers Vol. 2 Exercise Report. 2013	E only

Intergovernmental Oceanographic Commission
Technical Series

99



EXERCISE
INDIAN OCEAN WAVE 11
An Indian Ocean-wide Tsunami Warning and Communications Exercise

12 October 2011

Volume 2 Exercise report

UNESCO

Intergovernmental Oceanographic Commission
Technical Series
99

EXERCISE
INDIAN OCEAN WAVE 11
An Indian Ocean-wide Tsunami Warning and Communications Exercise

12 October 2011

Volume 2 Exercise report

UNESCO 2013

IOC Technical Series, 99 Vol.2
Paris, August 2013
English only

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariats of UNESCO and IOC concerning the legal status of any country or territory, or its authorities, or concerning the delimitation of the frontiers of any country or territory.

For bibliographic purposes, this document should be cited as follows:

Intergovernmental Oceanographic Commission. 2013. *Exercise Indian Ocean Wave 11. An Indian Ocean-wide Tsunami Warning and Communications Exercise, 30 October 2012. Volume 2: Exercise Report*. IOC Technical Series No. 99 Vol.2. Paris, UNESCO.

© UNESCO 2013

(IOC/2013/TS/99 Vol.2)

TABLE OF CONTENTS

Page

1. INTRODUCTION 1
1.1 BACKGROUND 1
1.2 TSUNAMI DRILL 1
2. OBJECTIVES 2
2.1 OBJECTIVE 1 2
2.2 OBJECTIVE 2 2
2.2.1 Email 3
2.2.1.1. Australia *3*
2.2.1.2. India *4*
2.2.1.3. Indonesia *4*
2.2.1.4 RIMES 4
2.2.1.5 PTWC 4
2.2.1.6 JMA 5
2.2.2 Fax **5**
2.2.2.1. Australia *5*
2.2.2.2. India *5*
2.2.2.3. Indonesia *5*
2.2.2.4 RIMES 6
2.2.2.5 PTWC 6
2.2.2.6 JMA 6
2.2.3 GTS 6
2.2.3.1. Australia *6*
2.2.3.2. India *7*
2.2.3.3. Indonesia *7*
2.2.3.4 RIMES 7
2.2.3.5 PTWC 7
2.2.3.6 JMA 7
2.2.4 SMS 7
2.2.4.1. Australia *8*
2.2.4.2. India *8*
2.2.4.3. Indonesia *8*
2.2.4.4 RIMES 8
2.2.5 Web Access and Reporting **9**
2.2.5.1 Web Access *9*
2.2.5.2. Web Reporting *9*

page

2.2.6 National Actions – Exercise conducted with NTWC and other agencies.....10

2.3 OBJECTIVE 3: 10

2.4 OBJECTIVE 4 13

2.5 OBJECTIVE 5 16

2.6 OBJECTIVE 6 18

3. COMPARISON OF PRELIMINARY RESULTS WITH FINAL EVALUATIONS 19

4. EXERCISE SUCCESS CRITERIA 20

ANNEXES

I. SUMMARY OF PRELIMINARY RESULTS RECEIVED FROM NTWCS

II. SUMMARY OF EMAIL MESSAGES RECEIVED BY EACH NTWC

III. SUMMARY OF FAX MESSAGES RECEIVED BY EACH NTWC

IV. SUMMARY OF GTS MESSAGES RECEIVED BY EACH NTWC

V. SUMMARY OF SMS MESSAGES RECEIVED BY EACH NTWC

VI. SUMMARY OF ELAPSED TIME UNTIL PUBLIC NOTIFIED

VII. SUMMARY OF ORGANIZATIONAL DECISION MAKING

Executive Summary

The Indian Ocean tsunami of 26 December 2004 was one of the most devastating natural disasters ever, in which over 230,000 people were killed and more than 1 million people displaced. Recognising the need for a tsunami early warning system in the Indian Ocean region, the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS) was set up in 2005 as a subsidiary body of the Intergovernmental Oceanographic Commission (IOC) of the United Nations Educational, Scientific and Cultural Organization (UNESCO), with the purpose of establishing a tsunami early warning and mitigation system to cater to the needs of member countries in the Indian Ocean region. At that time, arrangements were also put in place for the Pacific Tsunami Warning Center (PTWC) in Hawaii, and for the Japanese Meteorological Agency (JMA) in Tokyo to commence provision of an Interim Advisory Service (IAS) for the Indian Ocean, pending the establishment of the IOTWS.

A total of 19 earthquakes of magnitude of >7.0 have occurred in the Indian Ocean since 2005 out of which 4 earthquakes generated tsunamis resulting in a large number of causalities and property loss. These tsunamis recalled the need for effective implementation of the ICG/IOTWS tsunami mitigation programme and to be prepared for the future potentially destructive tsunamis in the region.

The IOTWS works as a “system of systems” with a number of Regional Tsunami Advisory Service Providers (RTSPs) that generate tsunami advisory products and make them available to the National Tsunami Warning Centres (NTWCs) of the Indian Ocean countries. It remains the responsibility of NTWCs to issue tsunami warnings for their countries. The tsunami warning centres of Australia, India and Indonesia have built up their capabilities for provision of Indian Ocean-wide tsunami advice and are the designated RTSPs for the Indian Ocean Region. The ICG/IOTWS also focusses on enhancing the capacities of the NTWCs to modify their Standard Operating Procedures (SOPs) to handle the new products being generated by the RTSPs.

The Exercise Indian Ocean Wave 11 (IOC/2012/TS/99Vol.1, in process) conducted on 12 October 2011, was designed to evaluate and improve the effectiveness of IOTWS, its operational RTSPs, NTWCs, and National Disaster Management Organisations (NDMOs), in responding to a potentially destructive tsunami. It also provided an opportunity for Indian Ocean countries to test their communication methods, review their Standard Operating Procedures (SOPs), tsunami emergency response plans and tsunami emergency preparedness. The Eight Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning And Mitigation System (ICG/IOTWS-VIII) held in Melbourne, Australian, from 3 to 6 May 2011 also decided that the Exercise Indian Ocean Wave 11 (IOWave11) would mark the formal commencement of the IOTWS in parallel with the IAS.

The exercise highlighted both the strengths and weaknesses of the IOTWS, identified areas that require further attention, and provided a benchmark of the present status of the system. A total of 22 countries participated, with 4 countries taking the exercise down to the community level, and all countries provided feedback via a post-event questionnaire. All three designated RTSPs participated, plus the two IAS providers and the Regional Integrated Multi-Hazard Early Warning Centre for Africa and Asia (RIMES). The objectives of the survey were to:

- Confirm that the NTWCs received bulletins from the RTSPs, the IAS providers and RIMES in a timely manner;
- Determine what actions were taken by the NTWCs;
- Determine whether the member states activated their emergency response plans based on available information.

page

Results indicate that all NTWCs were satisfied with the overall exercise planning, conduct, format and style. Most were satisfied that the advisory information was provided in a timely manner. Email was the most effective mode of communication between the RTSPs and the NTWCs followed by GTS, SMS and Fax. All the countries were able to understand the bulletins and could make decisions based on the information provided. Most of the countries limited the drill to their NTWCs and NDMOs, except India, Kenya, Malaysia and Mauritius which also performed community level evacuations. Time taken for actual public evacuation from the time NDMOs received their NTWC warnings ranged from 20 minutes to 1 hour 30 minutes. Specific areas of improvement have been identified in the report.

The IOTWS formally commenced at the time of the exercise, and is currently running in parallel with the IAS.

.

1. INTRODUCTION

Overall 38% of the world's population lives within 100 km of the coast or estuaries and these coastal communities are directly exposed to threats from natural disasters such as cyclones, storm surges, coastal erosion, tsunamis etc. Though tsunamis are infrequent, the death toll from tsunamis is huge compared with other natural disasters. The 26 December 2004 Indian Ocean tsunami resulted in disastrous loss of life and property. Around 230,000 people died because of this tsunami, with highest death toll in Indonesia, which was near the tsunami source. Deaths were also reported in countries as far away as Somalia. The 11 March 2011 Tohoku, Japan, tsunami also killed tens of thousands of people and is believed to be most costly natural disaster in the world, with physical damage estimated from $250 billion to $309 billion.

The major challenge with tsunamis is that they are infrequent, which requires great persistence in sustaining the process of capacity building and preparedness. Because of this infrequency, instruction through mock tsunami drills is the best way to train coastal communities to prepare for devastating actual events. Public awareness is very essential especially in the regions which are prone to local tsunamis. Communities in low-lying regions close to tsunami generation zones need to be trained to act on their knowledge of natural signs plus awareness acquired through tsunami drills, rather than waiting for warnings from local officials. This situational awareness and ability to respond quickly is best achieved through pre-event education and mock drills. The drills not only educate on natural signs but also on where they would receive the official warnings, by which means, what those warnings indicate, how to understand them and, in the end, what they need to do in response.

1.1 BACKGROUND

During the Eight Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning And Mitigation System (ICG/IOTWS-VIII) held in Melbourne, Australian, from 3 to 6 May 2011, it was decided to hold an Indian Ocean-wide Tsunami Warning and Communication Exercise (IOWave11) on 12 October 2011, and that the exercise would mark the formal commencement of the IOTWS, running in parallel with the IAS. A Task Team was established to organize it, with membership comprising Australia, India, Indonesia, Malaysia and Oman. Keeping in view the major tsunamigenic earthquakes in the last few years, the readiness of the IOTWS was tested thoroughly through this tsunami drill.

1.2 TSUNAMI DRILL

Exercise IOWave11 was conducted on 12 October 2011 (IOC/2012/TS/99Vol.1). Twenty-two (22) IOTWS Member States plus RIMES, PTWC, and JMA participated. The Member States of IOTWS were:

- NTWCs: Bangladesh, Comoros, France (La Réunion), Kenya, Madagascar, Malaysia, Maldives, Mauritius, Mozambique, Myanmar, Oman, Pakistan, Seychelles, Singapore, Sri Lanka, Tanzania, Thailand, Timor-Leste and Yemen.
- RTSPs: Australia, India and Indonesia.

Following the exercise, Member States were asked to complete an evaluation form describing their participation in the exercise. This report is a compilation of those results.

2. OBJECTIVES

2.1 OBJECTIVE 1

Objective 1: Validate the RTSPs, RIMES and IAS dissemination process of issuing Tsunami Bulletins to Indian Ocean countries.

This objective was assessed by asking NTWCs to assess on a scale of 1–4 (with 1 being unsatisfactory and 4 exceeding expectations) the exercise planning, conduct and format; whether the information was issued in a timely fashion; and how appropriate the methods were. Table 1 summarises the NTWC responses.

All NTWCs were satisfied with the overall exercise planning, conduct format and style. Most were satisfied that the information was provided in a timely manner (Objective 1a); however Australia indicated that Fax messages were sometimes delayed or missing and they did not receive GTS messages from RIMES or PTWC. Most NTWCs were satisfied that the dissemination methods were appropriate except for Seychelles, which received messages only by GTS and not by email or fax (or SMS, but they had not provided any official numbers for this).

	Questions for NTWC	1	2	3	4	Total
1	The exercise planning, conduct, format, and style were satisfactory.			17	3	20
1a	Judged against the nature of this event, information issued by the Regional Tsunami Service Provider(s), RIMES and Interim Advisory Service was timely.		1	15	4	20
1b	The method(s) used by the Tsunami Warning Centre(s) to send bulletins to us were appropriate.	1		15	4	20

Table 1. NTWC assessment of exercise planning, conduct and format.
Ratings: 1=Did not meet the objectives (state why not); 2=Met some of the objectives (state what part was not met); 3=Met the objectives; 4=Exceeded the objectives (state how).

2.2 OBJECTIVE 2

Objective 2: Receipt of RTSP, RIMES and IAS Bulletins by NTWCs

The following sections contain an analysis of the RTSP, RIMES and IAS bulletins received by the NTWCs. The analysis is based on the information given by NTWCs and RTSPs in the exercise evaluation forms. Annexes from 1 to 4 give detailed message-arrival times for each issuing centre and each NTWC.

Table 2 and Table 3 below show the percentages of NTWCs who received the messages issued by the RTSPs and the other issuing centres. In general, email was the most effective method of communication, followed by GTS, SMS and fax.

Except for some technical problems and discrepancies experienced by RTSP Australia, and delays in receipt of faxes sent by RIMES, most of the bulletins were issued and received in good time. However, it is interesting to note that the Test Start bulletins from all RTSPs and RIMES by all methods were not well received although most of the following bulletins were. This should be investigated as it could be argued that the first bulletin is often the most important as it will notify the NTWC of an event.

Many countries reported receiving multiple copies of email, fax and GTS bulletins. This undoubtedly caused some confusion as there were already a large number of bulletins to be received.

It should be noted that the results of Australia in the second table are based on the times nominated in Australia's RTSP report rather than those nominated prior to the exercise. Numbering of Australia's bulletins created some confusion amongst NTWCs as to which bulletin arrived when, which may account for some of the irregularities.

Country	Email	Fax	GTS	SMS
Australia	85	4	73	31
India	86	39	78	71
Indonesia	85	26	73	52
RIMES	82	36	61	75
PTWC	76	63	Not issued	Not issued
JMA	72	56	68	Not issued
Average	**81**	**37**	**71**	**57**

Table 2: Percentage of messages from RTSPs, RIMES and IAS received by NTWCs. All messages received.

Country	Email	Fax	GTS	SMS
Australia	84	4	66	31
India	83	26	75	71
Indonesia	78	14	50	45
RIMES	76	7	59	66
PTWC	74	57	Not issued	Not issued
JMA	72	53	68	Not issued
Average	**78**	**27**	**64**	**53**

Table 3: Percentage of messages from RTSPs, RIMES and IAS received by NTWCs. Only counting messages received within 15 minutes of being issued

2.2.1 Email

In general, email was the most effective method of communication. The average number of messages successfully received was 81%, corrected to 78% if only messages received within 15 minutes are counted.

Seychelles reported that they did not receive any emails. Timor-Leste did not receive emails from Australia; Indonesia did not receive emails from India; and Maldives did not receive emails from RIMES, PTWC or JMA.

2.2.1.1 Australia

Emails issued by Australia were received by 85% of recipients, corrected to 84% if late messages (15 minutes or more) are not counted.

There was a problem with Australia's email Bulletin #2 which was not issued, and Bulletin # 3 which did not have a number. This caused some confusion amongst the receiving NTWCs and is possibly the reason why Tanzania reported receiving Bulletin #2.

Australia's Bulletin #4 was issued 20 minutes later than originally intended, at 0210. Most countries reported receiving the bulletin within a few minutes; however, Pakistan reported receiving the bulletin soon after the original release time (i.e.. 20 minutes early). This may be due to the confusion caused by lack of numbering on Bulletins 2 and 3.

Seychelles and Timor-Leste reported they did not receive any emails from Australia.

2.2.1.2 India

Emails issued by India were received by 86% of recipients, corrected to 83% if late messages (15 minutes or more) are not counted.

Indonesia and Seychelles did not receive any emails from India. Timor-Leste reported receiving all emails from India but did not report the time.

RTSP India reported problems sending emails to 7 email addresses, 3 of which were satphone emails. Follow up with individual countries is suggested in these cases, as most of the IOTWS satphones are no longer operational or have changed their numbers since they were issued. Of the other failed email addresses – from Yemen, Sri Lanka, Maldives and Timor-Leste – all countries reported receiving emails from India on alternative email addresses.

2.2.1.3 Indonesia

Emails issued by Indonesia were received by 85% of recipients, corrected to 78% if late messages (15 minutes or more) are not counted.

Only 4 countries received the Test Start bulletin from Indonesia. All countries except Pakistan and Tanzania reported receiving Bulletin #8 more than 40 minutes late.

Seychelles did not receive any emails from Indonesia.

2.2.1.4 RIMES

Emails issued by RIMES were received by 82% of recipients, corrected to 76% if late messages (15 minutes or more) are not counted.

Only 2 countries, Madagascar and Tanzania, received the Test Start bulletin, and only one within 15 minutes (Tanzania).

Bulletin #1 was received late by seven countries (India, Indonesia, Madagascar, Mauritius, Pakistan, Singapore and Sri Lanka).

Maldives and Seychelles did not receive any emails from RIMES.

2.2.1.5 PTWC

Emails issued by PTWC were received by 75% of recipients, corrected to 74% if late messages (15 minutes or more) are not counted.

PTWC has reported that the Test Start bulletin was sent late, at 01:18:47. Only 2 countries reported receiving this bulletin, both of them before 0118 (Mauritius and Tanzania).

Kenya reported that Bulletins #7, 8 and 12 were significantly delayed.

Indonesia, Maldives and Seychelles did not receive any emails from PTWC. PTWC has reported that their emails to Maldives did not work.

2.2.1.6 JMA

Emails issued by JMA were received by 72% of recipients. No bulletins were received late.

JMA only issued 3 bulletins and did not issue a Test Start bulletin as originally expected. However, India and Tanzania reported receiving the Test Start bulletin which indicates there was some confusion.

Bangladesh, Indonesia, Maldives, and Seychelles did not receive any emails from JMA.

2.2.2 Fax

Overall, fax was the least effective method of communication. The average number of messages successfully received was 37%, corrected to 27% when only messages received within 15 minutes are counted.

Kenya, Pakistan, Seychelles and Timor-Leste did not receive any faxes. Yemen received only 2 faxes in total (from PTWC).

2.2.2.1 Australia

No countries except Australia received faxes from Australia. Australia reported that they did not receive the first three bulletins at all, and Bulletin #4 was late. Australia reported after the exercise that their international fax delivery system had been unintentionally de-activated prior to the exercise, and that it has now been re-activated.

2.2.2.2 India

Faxes issued by India were received by 39% of recipients, corrected to 26% if late messages (15 minutes or more) are not counted.

Bangladesh, Kenya, Pakistan, Seychelles, Sri Lanka, Tanzania, Timor-Leste and Yemen did not receive any faxes from India. Madagascar received 9 faxes but 7 were late (15 minutes or more), and Myanmar received only 2 faxes but both were also late. Maldives was the only country to receive all faxes but all of them were late.

RTSP India reported that they were unable to send faxes to the number given for Mozambique. Mozambique did not provide a full exercise evaluation report, so the problem needs to be investigated.

2.2.2.3 Indonesia

Faxes issued by Indonesia were received by 26% of recipients, corrected to 14% if late messages (15 minutes or more) are not counted.

Bangladesh, India, Kenya, Oman, Pakistan, Seychelles, Sri Lanka, Tanzania, Timor-Leste and Yemen did not receive any faxes from Indonesia. Singapore was the only country to receive all faxes except the Test Start bulletin, all within 15 minutes of being issued.

2.2.2.4 RIMES

Faxes issued by RIMES were received by 36% of recipients, corrected to 7% if late messages (15 minutes or more) are not counted.

France, India, Kenya, Pakistan, Seychelles, Sri Lanka, Tanzania, Timor-Leste and Yemen did not receive any faxes from RIMES. All faxes received by Australia, Bangladesh, India, Madagascar and Myanmar were more than 15 minutes late. Only Maldives received all the bulletins and within 15 minutes.

2.2.2.5 PTWC

Faxes issued by PTWC were received by 63% of recipients, corrected to 57% if late messages (15 minutes or more) are not counted.

Kenya, Pakistan, Seychelles, Timor-Leste and Yemen did not receive any faxes from PTWC. All faxes received by Malaysia (8 out of 13) were received late, with an average delay of 30 minutes. Only Tanzania reported receiving the Test Start bulletin by fax.

2.2.2.6 JMA

Faxes issued by JMA were received by 56% of recipients. Only 2 faxes were reported to have been received late (Madagascar), both by about 30 minutes. One of these was the Test Start bulletin, which was not actually issued by JMA.

Indonesia, Kenya, Mauritius, Pakistan, Seychelles, Sri Lanka, Timor-Leste and Yemen did not receive any faxes from JMA. Most other successful faxes were received within a few minutes of being issued.

2.2.3 GTS

In general, GTS was the second-most effective method of communication. The average number of messages successfully received was 71%, corrected to 64% if only messages received within 15 minutes are counted.

Madagascar, Timor-Leste and Yemen reported that they did not receive any GTS bulletins. Oman received most bulletins but more than half were late and the final 8 bulletins from RIMES were reported as received well before the bulletin issue time, suggesting there was a problem with time conversion.

Australia and Kenya did not receive any GTS bulletins from RIMES, and Mauritius received only 1 bulletin from RIMES.

2.2.3.1 Australia

GTS bulletins issued by Australia were received by 73% of recipients, corrected to 66% if late messages (15 minutes or more) are not counted.

Madagascar and Timor-Leste did not receive any GTS bulletins from Australia. Four countries reported receiving Bulletin #2; however, Australia has reported that this bulletin was not issued over GTS due to technical difficulties.

Bulletin #4 was released 20 minutes later than originally intended.

Kenya reported receiving 7 of 11 bulletins late, and Oman received 12 of 15 late. It is possible that the bulletin receipt was reported incorrectly and bulletin numbers mixed up, as the reported times match better with later bulletins.

2.2.3.2 India

GTS bulletins issued by India were received by 78% of recipients, corrected to 75% if late messages (15 minutes or more) are not counted.

Madagascar, Timor-Leste and Yemen did not receive GTS bulletins from India.

Only 5 of 19 countries received the Test Start bulletin. Oman received 6 of 15 bulletins more than 15 minutes late.

2.2.3.3 Indonesia

GTS bulletins issued by Indonesia were received by 73% of recipients, corrected to 50% if late messages (15 minutes or more) are not counted.

Madagascar, Timor-Leste and Yemen did not receive any GTS bulletins from Indonesia. Only 4 countries received the Test Start bulletin. Eight countries received 5 or more bulletins more than 15 minutes late (Bangladesh, France [La Réunion], India, Malaysia, Mauritius, Oman, Pakistan, and Seychelles).

2.2.3.4 RIMES

GTS bulletins issued by RIMES were received by 61% of recipients, corrected to 59% if late messages (15 minutes or more) are not counted.

Australia, Kenya, Madagascar, Timor-Leste and Yemen did not receive any GTS bulletins from RIMES. Mauritius received only 1 bulletin (#5). Few bulletins were received late, but Indonesia reported receiving 2 bulletins more than 15 minutes early and Oman reported receiving Bulletins from 5 to 12 more than half an hour before they were issued.

2.2.3.5 PTWC

PTWC did not issue any bulletins over the GTS as they did not have time to re-programme their website. However, 2 countries, France and Mauritius, reported receiving at least one bulletin from PTWC over the GTS. This needs clarification.

2.2.3.6 JMA

GTS Bulletins issued by JMA were received by 68% of NTWCs.

All successful bulletins were received within a few minutes. Pakistan reported receiving Bulletin #2, 20 minutes before it was issued and this needs to be clarified in case there was a mistake with time conversions.

2.2.4 SMS

In general, SMS was the third most effective method of communication. The average number of messages successfully received was 57%, corrected to 53% if only messages received within 15 minutes are counted.

Sixteen countries provided mobile phone numbers to the IOTWS Secretariat for use during the IOWave11 exercise. Of these, only Myanmar reported receiving no SMS messages at all. Only 6 countries received SMS messages from Australia.

Most messages were received within 15 minutes. Australia experienced delays with 2 bulletins, Indonesia with one, and RIMES with several. No delays were experienced receiving messages from India. PTWC and JMA did not send any bulletins by SMS.

2.2.4.1 Australia

SMS bulletins issued by Australia were received by 31% of recipients. No messages were received later than 15 minutes.

Nine countries which had provided official phone numbers did not receive any SMS messages from Australia (Bangladesh, Mauritius, Myanmar, Oman, Pakistan, Sri Lanka, Tanzania, Timor-Leste and Yemen).

Australia experienced technical problems with issuing Bulletin #2 and has reported that this bulletin was only issued by SMS 19 minutes after the official release time at 0131. Only six countries reported receiving this bulletin, all at 0131.

2.2.4.2 India

SMS bulletins issued by India were received by 71% of recipients. No successful bulletins were received late.

Myanmar and Yemen did not receive SMS bulletins from India. Timor-Leste reported receiving all bulletins but has not provided the time. Oman did not receive bulletins from 9 to 15; all others were received in good time.

RTSP India indicated that SMS messages failed to several numbers in Madagascar, Mozambique, Myanmar and Timor-Leste. The failed numbers listed for Madagascar were not on the official IOTWS mobile phone number list; however, Madagascar reported receiving SMS messages from India on the official numbers. No report was received from Mozambique. Myanmar and Timor-Leste did not receive any SMS messages from India so this should be investigated.

2.2.4.3 Indonesia

SMS bulletins issued by Indonesia were received by 52% of recipients, corrected to 45% if late messages (15 minutes or more) are not counted.

Kenya, Madagascar, Myanmar, Pakistan, Tanzania and Yemen did not receive any SMS bulletins from Indonesia. Only 2 countries (Bangladesh and India) received the Test Start bulletin. Bulletin #8 was received late by 8 countries (and not at all by the others) so the time of sending should be confirmed with Indonesia.

2.2.4.4 RIMES

SMS bulletins issued by RIMES were received by 75% of recipients, corrected to 66% if late messages (15 minutes or more) are not counted.

Indonesia and Myanmar did not receive any SMS bulletins from RIMES.

Tanzania and Madagascar reported receiving all bulletins successfully from RIMES through SMS; however neither country had provided an official phone contact for the IOTWS

database so it is not clear if these messages were received through official channels. Yemen only received SMS messages from RIMES and not the RTSPs, so the number RIMES used may not be the official one.

Mauritius received most of the bulletins but all were at least 15 minutes late. Three bulletins received by India were also late, and Bulletin #1 was received after Bulletins #3 and #4 (Bulletin #2 not received). Timor-Leste received all bulletins but for most bulletins did not provide times.

2.2.5 Web Access and Reporting

Web access was generally good, with an average of 86% of respondents able to access the relevant websites during the exercise. However, more difficulty was experienced with web reporting, with only an average of 45% of countries able to report their status over the web. Table 4 summarises the percentages of NTWCs which accessed RTSP websites and reported their warning status.

Country	Access %	Report %
Australia	89	54
India	92	40
Indonesia	87	50
RIMES	74	36
Average	**86**	**45**

Table 4. Web access and reporting

2.2.5.1 Web Access

Web access was generally good for the RTSPs, averaging between 87% and 92% for the three RTSPs. Access to the RIMES website was a bit lower at 74%.

Problems encountered include information on the web showing different magnitudes to that on the latest bulletin (Australia). Madagascar reported that India's website was unstable during the test.

Sri Lanka commented that they were able to receive the bulletins through the website before they arrived through email, fax or GTS.

2.2.5.2 Web Reporting

More difficulties were experienced in reporting through the RTSP and RIMES websites. An average of 45% of responding countries were able to report their status over the web. There is also a discrepancy between the countries that indicated they were able to report over the web, and reports actually received by Australia and India (no response so far from RIMES and Indonesia).

Australia received 9 status reports from NTWCs: Australia, India, France (La Réunion), Madagascar, Malaysia, Mauritius, Oman, Seychelles and Tanzania. However, India and Seychelles indicated on their evaluation forms that they did not send reports to Australia.

Additionally, six other countries indicated on their evaluation forms that they had sent reports to Australia over the website, but these do not appear to have been received by Australia. The countries are Bangladesh, Maldives, Myanmar, Pakistan, Singapore, and Yemen.

The evaluation forms from NTWCs indicate that an average of 10 countries reported to Australia via the web after each bulletin, but actually Australia only received an average of 3 reports for each bulletin.

India received 9 status reports from NTWCs: Australia, France (La Réunion), India, Madagascar, Malaysia, Mauritius, Oman, Seychelles and Australia. However, Madagascar and Seychelles indicated on their evaluation forms that they did not send reports to India. Seychelles commented that they were unable to report to the RTSP websites as they were not compatible with Mozilla Firefox.

Additionally, 5 other countries indicated on their evaluation forms that they had sent reports to India over the website, but these do not appear to have been received by India. These countries are Bangladesh, Maldives, Myanmar, Pakistan and Yemen.

Tanzania indicated on their evaluation form that they were unable to access the websites at times, but they were able to make the report on the website. When asked for clarification, they said they had sent email reports through the websites but were not sure if they had got through. Australia and India did not receive their reports.

Issues to be followed up for Objective 2:

- Message Delivery to NTWCs: Further work should between RTSPs and NTWCs on improving message delivery via GTS and fax, and more countries should be encouraged to accept SMS message delivery.
- Web Access/Reporting: RTSPs and NTWCs should investigate the low rate of NTWC status-reporting via the RTSP websites.

2.2.6 National Actions – Exercise conducted with NTWC and other agencies

All responding countries except Oman conducted an exercise at the NTWC. The Final Evaluation form asked countries about the extent of the involvement of other agencies in the exercise, particularly the NDMO.

Eleven countries (Australia, Bangladesh, India, Indonesia, Kenya, Malaysia, Mauritius, Singapore, Thailand, Timor Leste and Yemen) involved the NDMO in the exercise. For some, it simply involved passing the bulletin information by fax or email to the NDMO, whereas other countries involved multiple agencies, including media, local government, and in some cases local evacuations.

2.3 OBJECTIVE 3

Objective 3: Dissemination of warning message to relevant agencies.

This objective was assessed by asking NTWCs as well as Tsunami emergency response agencies/NDMO to validate the dissemination of the warning message to downstream departments. Table 5 summarises the responses.

Questions for NTWC		1	2	3	4	Total
3	Validation of dissemination of warnings to relevant agencies within a country	--	--	--	--	15
3a	Judged against the nature of this event, information issued by our national decision-making and dissemination point was timely	1		3	3	7
3b	The method of communication from our national decision-making and dissemination point to us was sufficient to support decision-making	1	2	2	2	7

Table 5. Assessment of dissemination of warnings to emergency response agencies/NDMOs
Ratings: 1=Did not meet the objectives (state why not); 2=Met some of the objectives (state what part was not met); 3=Met the objectives; 4=Exceeded the objectives (state how).

A total of 15 countries evaluated the process of "dissemination of information from NTWCs to dissemination points and acknowledgement from recipients". Only 7 out of 15 countries assessed NTWCs against their method of communication and timely fashion of dissemination of the information.

Table 6 summarises the communication methods used for dissemination of emergency information. The most commonly used methods were fax and SMS. Fax was used by 78% of the participants, and 71% used SMS as the communication method. Though email has been proved as a successful communication method during IOTWS Communication Tests, only 42% of the participants could use it.

Only Australia and India used web services to disseminate the warning information to the downstream departments. However, Australia's website which was used for interaction between NTWC (Joint Australian Tsunami Warning Centre, JATWC) and Fire and Emergency Services Authority of Western Australia (FESA-WA) did not update the information automatically. The information had to be updated manually for it to be visible.

Bangladesh, Kenya and Yemen are the only 3 countries which used telephone as one of the communication methods to disseminate tsunami emergency information.

Singapore conducted a table-top exercise with 15 response agencies. Hence the messages were directly provided to respective agencies, not through any other mode such as emails, fax or SMS.

Country		Fax	Email	SMS	Phone	Web
1.	Australia	Y	Y	Y		Y
2.	Bangladesh	Y			Y	
3.	India	Y	Y	Y		Y
4.	Indonesia	Y	Y	Y		
5.	Kenya		Y	Y	Y	
6.	Madagascar			Y		
7.	Malaysia	Y		Y		
8.	Mauritius	Y				

Country		Fax	Email	SMS	Phone	Web
9.	Pakistan	Y		Y		
10.	Seychelles	Y	Y			
11.	Sri Lanka	Y				
12.	Thailand	Y		Y		
13.	Timor Leste		Y	Y		
14.	Yemen	Y		Y	Y	

Table 6. Communication methods to emergency services

The confirmation of the message reception by emergency services was mostly through telephone, followed by fax, SMS and email. In all countries, except Timor-Leste, the emergency services used telephone to acknowledge the receipt of the information. Table 7 summarises the methods emergency services agencies used to acknowledge the messages.

Country		Fax	Email	SMS	Phone	Web
1.	Bangladesh	Y			Y	
2.	India		Y		Y	
3.	Indonesia				Y	
4.	Kenya		Y	Y	Y	
5.	Malaysia	Y			Y	
6.	Mauritius	Y			Y	
7.	Pakistan			Y	Y	
8.	Seychelles			Y	Y	
9.	Sri Lanka	Y			Y	
10.	Thailand	Y			Y	
11.	Timor Leste		Y	Y		
12.	Yemen	Y			Y	

Table 7. Communication methods used by emergency services to acknowledge messages.

Objective 3 was also evaluated by asking NDMOs to assess on scale of 1–4 (with 1 being unsatisfactory and 4 exceeding expectations) whether the information was issued in a timely fashion, and the method of communication was sufficient to support decision making.

Out of 15 countries only 7 countries assessed NTWCs against their method of communication and timely fashion of dissemination of the information. Out of 7, most of the countries were satisfied that the information was provided in a timely manner (Objective 3a). The methods used for communication (Objective 3b) were also found satisfactory by the participating countries. However, Australia rated their method of communication as 2, as the information could not be updated automatically due to incorrect set up of their system for the exercise. Timor-Leste also gave 2 as the rating stating that only few objectives were met, however it did not mention the reasons for this. Kenya stated it needed to improve on the communication for effective and fast response although it rated the method of communication

as 4. Though Yemen rated this as 4, they meant that the information was timely and methods of communication were found satisfactory, asserting all objectives were met.

Only Tanzania rated objectives 3a and 3b as 1. They conducted the exercise in-house and the warning information was not disseminated to other stakeholders, so the decision making process during a mock tsunami emergency situation could not be tested.

Issues to be followed up for Objective 3:

- It was observed that fax was the most chosen method to communicate tsunami warnings to the emergency services. Seventy-eight per cent (78%) of the countries used fax, followed by SMS with 71%, email with 42%. However, it could be observed from the analysis of Objective 2, only 37% of the messages sent through fax were successfully received by participating countries. Keeping this in view, all participating agencies should be encouraged to adopt **email**, which was proved as the most successful communication mode during IOTWS Communication Tests, to reach emergency services.
- Most of the emergency services acknowledged the reception of the warning messages through telephone. However, this would be a feasible method only when a dedicated line and person are made available. During emergency situations, **automatic delivery reports and/or acknowledgements via email** would be an alternate solution for confirmation of reception.

2.4 OBJECTIVE 4

Objective 4 : Validate the organizational decision making process about public warnings and evacuations.

This objective was assessed by asking Tsunami emergency response agencies/NDMOs to assess on a scale of 1–4 the organizational decision making process about public warnings and evacuations. Table 8 summarises the assessments from the agencies/NDMOs.

Validate the organizational decision making process about public warnings and evacuations		**1**	**2**	**3**	**4**	**Total**
4a	The method of communication between national decision-making and dissemination point and individual response agencies and provinces/local jurisdictions was sufficient to support national information requirements.	1		5	2	8
4b	Arrangements to assemble management group relevant to decision-making on tsunami warning and response were in place before the exercise.	1		5	2	8
4c	Management group relevant to decision-making on tsunami warning and response was assembled within X minutes (fill in) after receiving the first warning. This was timely to facilitate good decision-making.	1	1	2	2	6
4d	The quality of the information issued by national decision-making and dissemination point was sufficient to support local level	1	1	3	2	7

Validate the organizational decision making process about public warnings and evacuations		1	2	3	4	Total
	decision-making.					
4e	The quality of the information received back from response agencies and local level government were sufficient to support national level decision making.	1	1	4	1	7
4f	Sufficient national information was available to support national level decision making (Regional Tsunami Service Provider information, country-generated scientific assessments, national considerations etc).	1	2	3	2	8
4g	Sufficient local information was available to support assessment and decision-making (local hazard assessments, inundation areas identified, evacuation plans etc).	1	2	3	2	8
4h	We were able to make decisions about appropriate warnings and response.	1		4	3	8
4i	Decision-making was based on pre-existing plans for an event of this nature.	1		5	2	8
4j	The exercise contributed to the improvement or the development of planning related to public warnings and other response activities required for an event of this nature.	1		5	2	8

Table 8. Emergency-response agency/NDMO assessment of decision-making process. Ratings: 1=Did not meet the objectives (state why not); 2=Met some of the objectives (state what part was not met); 3=Met the objectives; 4=Exceeded the objectives (state how)

Out of eight countries which assessed decision making during the tsunami emergency situation, most NDMOs were satisfied with over all decision making process starting from dissemination of information to downstream departments to response of local DMOs to handle the situation.

Tanzania did not involve their NDMO during this exercise. As they could not evaluate any of objectives during decision making processes, they have given rating as 1 for all the objectives.

a. Five out of 8 countries were satisfied that the method of communication between national decision-making, dissemination points, individual response agencies and provinces/local jurisdictions was sufficient to support national information requirements. Although Kenya has given rating 4 for this objective, it was not satisfied with dissemination and stated that various communication modes need to be improved. Yemen could not test the communication and the exercise was restricted to only the NTWC.

b. Five out of 8 countries were satisfied with the arrangements made to bring together the national management group for decision making on tsunami warnings. However, in Australia and India their respective NTWCs (JATWC and ITEWC[Indian Tsunami Early Warning Centre]) are the decision-making agencies to issue tsunami warnings

nationwide, so there is no other national management group. In Yemen, all arrangements were made through emails and telephone calls.

c. After receiving the first warning, the management group responsible for decision-making on tsunami warning and response was assembled within 8–9 minutes in Indonesia, 5 minutes in Kenya, and within 10 minutes in Malaysia. Australia and India have not specified time as it is not applicable to them. Timor-Leste also has not mentioned the time; nevertheless they have rated the objective as 3 stating that they were satisfied that the arrangement was timely to facilitate good decision-making.

d. Three out of 7 countries were satisfied that the quality of the information issued by national decision-making and dissemination point was sufficient to support local level decision-making. However, in Aceh, Indonesia, the local DMO was not satisfied when the third bulletin had not reported any water-level observations near Aceh, though the earthquake occurred very near to Aceh province. This is due to no sea-level gauges near the Aceh area.

e. Four out of 7 countries were satisfied that the quality of the information received back from response agencies and local level government were sufficient to support national level decision making. Kenya rated this objective as 4 and reported that the information was delayed due to communication issues. Australia stated that it is not applicable to them as the information was exchanged only between NTWC (JATWC) and NDMO (FESA).

f. Only 3 out of 8 countries stated that sufficient national information was available to support national level decision making either through Regional Tsunami Service Provider information or country-generated scientific assessments. Australia reported that there is not enough scientific information (inundation modelling) available to provide more detailed impact information to guide emergency response. Yemen received more than 95 bulletins from RTSPs, RIMES and Interim Advisory Service Providers and stated that all this information was enough to support national decision making.

g. Only 3 out of 8 countries stated that sufficient local information was available to support assessment and decision-making using local hazard assessments, inundation maps and evacuation plans, etc. Kenya reported their evacuation plans are satisfactory for decision-making. In Malaysia, local hazard assessments and inundation areas are yet to be identified and many places still do not have evacuation plans. Australia also reported that they do not sufficient inundation maps.

h. Four out of 8 countries stated that they were able to make decisions about appropriate warnings and response. Kenya reported though they were able to make decisions, the dissemination of the information to relevant agencies was a challenge. Three countries rated this objective as 4 and Tanzania as 1.

i. Five out of 8 countries were satisfied that the decision-making was based on pre-existing plans. Two countries (Kenya and Yemen) rated this objective as 4 and Tanzania as 1.

j. Five out of 8 countries reported that this kind of exercise contributed to improving their planning related to public warnings and other response activities. Two countries (Kenya and Yemen) rated this objective as 4 and Tanzania as 1.

Issues to be followed up for Objective 4:

- Though all participating agencies confirmed that they were able to understand the bulletins sent by their respective NTWCs and able to make decisions, the level of preparation of individual DMO depends on their own emergency plans. All DMOs need to test their emergency plans and update them to meet the tsunami emergency situation.
- Regular testing of emergency plans needs to be arranged, which can be done through regular exercises in order to improve the planning and coordination among emergency services.
- It was observed that most of the countries do not have risk assessments, inundation maps, evacuation plans etc. Immediate action should be taken to prepare these maps in coordination with other national responsible agencies.

2.5 OBJECTIVE 5

Objective 5: Identify the communication modes used to notify and instruct the public.

This objective was assessed by asking NTWCs as well as Tsunami emergency response agencies/NDMO to identify the communication modes through which public were notified and instructed about the tsunami emergency situation.

Four (India, Kenya, Malaysia and Mauritius) out of eleven countries who involved their NDMO in the exercise, carried out public evacuation. The detailed description of communication modes employed in each country are given below:

Malaysia: Both Malaysian Meteorological Department as well as National Security Council has the responsibility of notifying the public in case of tsunami emergency. The communication modes employed by National Security Council were public radio broadcasts, TV announcements, public announcement systems, cell broadcast, SMS, public call centre, website, telephone, sirens, and door to door announcements. However, except cell broadcast, public call centre, and door to door announcements, Malaysian Meteorological Department employed all other methods to notify the public. Email was not used by any of these two agencies. The arrangements for public radio broadcasts, TV announcements, SMS (cell), telephone and sirens already exist with National Security Council. However, it was not clear about the arrangements at Malaysian Meteorological Department.

Mauritius: The final evaluation form sent by Mauritius does not contain any information about the evacuation of the public. Although Mauritius Meteorological Services disseminated the information to the downstream authorities (up to local government), it was not mentioned through which mode the public communication was made.

Kenya: National Disaster Operation Centre (NDOC) of Kenya used all possible modes of communication (public radio broadcasts, TV announcements, public announcement systems, cell broadcast, sms, public call centre, website, telephone, sirens and email) to notify the public about tsunami emergency except door to door announcements. The arrangements for all these communication modes already exist at NDOC.

India: As the evaluation forms and evacuation reports were not available from local NDMOs of India by the time the preliminary evaluation form was sent by NTWC India, it does not contain the information about the dissemination process of NDMO.

As per the final evaluation form of India, NDMOs employed public announcement systems, public radio broadcasts, tv announcements, sms, telephone, sirens, door to door

announcements, traditional tom-tom way[1], also by waving the red flags in the beaches. The arrangements for most of the communication modes already exist with NDMOs.

Australia: While the decision and public notification of tsunami warnings is undertaken by Joint Australia Tsunami Warning Centre (JATWC) of Australia, JATWC liaises with the Western Australian Fire and Emergency Services Authority (FESA) on emergency response advice to the public for Indian Ocean events. JATWC employs all the possible communication modes to notify the public about a tsunami emergency situation except cell broadcast which does not yet exist.

On the other hand, the communication methods employed by FESA would include public radio broadcasts and TV announcements through JATWC and local arrangements, SMS (to senior managers and operational staff only), public call centre, website, telephone, door to door announcements, and email.

Indonesia: In the case of Indonesia, the Meteorological, Climatological and Geophysical Agency of Indonesia (BMKG) will only notify the tsunami emergency situation to the public; local government authorities will be responsible for evacuation. The communication modes employed by BMKG include public radio broadcasts, TV announcements, SMS, website, sirens, email and through digital video broadcasting. The local DMOs notify the public through telephone, sirens, UHF/VHF radio for which arrangements already exist. Though door-to-door announcements are also employed, formal arrangements for this do not exist.

Singapore: The National Environment Agency/Meteorological Service Singapore is responsible for notifying and instructing the public during a tsunami emergency situation. The information will be provided to the media so that it can be disseminated through public radio broadcasts, TV announcements and public announcement systems, and to civil defence authorities for activating sirens. Public call centre, website and telephone (through Automated Weather Information and Dissemination System) are the only methods which are employed by National Environment Agency/Meteorological Service Singapore to disseminate the information directly to the public. arrangements for cell broadcast, SMS, email, and door to door announcements do not exist.

Tanzania: The Disaster Management Department (DMD) of the Office of the Prime Minister of Tanzania is responsible for disseminating information to the public during tsunami emergency situations. Public radio broadcasts, TV announcements, public announcement systems, website and telephone are the possible communication modes existing for broadcasting the information, though nothing was employed during this exercise.

Thailand: The National Disaster Warning Center (NDWC) is the responsible agency for disseminating information to the public. NDWC employs all the possible communication modes to notify the public about tsunami emergency situation except cell broadcast which does not exist.

Timor-Leste: The National Disaster Operation Center (NDOC)is the responsible agency for disseminating information to the public. NDOC employs telephone, SMS and email to notify the public about tsunami emergency situations. Public radio broadcasts, TV announcements, and website are “in process” for dissemination of information. Public announcement systems and sirens do not exist.

Yemen: The National Disaster Management Office of Yemen as well as the General Directorate of Emergency and Environmental Disaster are the responsible agencies for disseminating information to the public in case of tsunami emergencies. Public radio

[1] Traditional way of alerting people that is followed in villages. It involves a person making announcement of information by beating the drums.

broadcasts, TV announcements, cell broadcast, SMS, telephone, door to door announcements, email and loud sound (Police, Mosque) are the existing possible communication modes for dissemination of information. Public announcement systems, public call centre, website and sirens do not exist.

Issues to be followed up for Objective 5:

- The information flow from NTWC to emergency service and/or public need to be streamlined. Each country should come up with a comprehensive last-mile communication plan including all possible modes. Installation of sirens in coastal locations, especially the near-source regions will facilitate effective dissemination of tsunami warnings with minimum delay.
- Electronic news media has a very wide reach and hence should be used for tsunami warning dissemination to the public. However, the news media have to be well trained in understanding tsunami bulletins, so that the messages are interpreted correctly and conveyed to public.
- Though during this exercise news media involvement was not very significant, necessary action should be taken to involve them in future exercises. Involvement of media in regular exercises and workshops would make them familiar with tsunami emergency handling.

2.6 OBJECTIVE 6

Objective 6: Assess the elapsed time until the public notified.

This objective was assessed by asking NTWCs as well as Tsunami emergency response agencies/NDMO to assess the elapsed time until the public were notified. The total time from making a decision on public warning to activation of public notification systems is divided into three sections. The assessment has been done separately for NTWCs and NDMOs.

Malaysia: In the case of Malaysia where both Malaysia's Meteorological Department as well as National Security Council are responsible for public notification of tsunami emergency situations, the elapsed time is estimated separately. Malaysia's Meteorological Department took 37 minutes to notify the public of the tsunami emergency, whereas National Security Council took only 30 minutes.

Kenya: National Disaster Operation Centre (NDOC) of Kenya took 1 hour 30 minutes to notify and instruct the public about the tsunami emergency situation.

India: In three states (Odisha, Pondicherry and Maharashtra) where public evacuation was carried out, the elapsed time ranged from 20 minutes to 1 hour 25 minutes. The local NDMOs of Odisha and Puducherry took only 20 minutes to instruct the public about the tsunami emergency situation through public notification systems, whereas in Maharashtra it took 1 hour 25 minutes.

Mauritius has not provided the details of elapsed time.

Australia: In the case of issuing a national watch, JATWC along with FESA would take 8 minutes to make the decision about warning and activation of the public notification system. In the case of issuing a state-wide warning, JATWC and FESA-WA would need 15 minutes.

Indonesia: The three regions of Indonesia (Aceh, Padang and Bentul) would take 16 to 18 minutes time to activate the public notification system in case of a tsunami emergency situation.

Thailand: National Disaster Warning Center of Thailand has mentioned only about the time taken to make decision about public warning and it is 13 minutes.

Timor-Leste: National Disaster Operation Center of Timor Leste require 1 hour 3 minutes to make a decision about the warning and activate the public notification system. However, it is noticed that Timor-Leste require 45 minutes to make a decision about public warning.

Yemen: In case of Yemen where both NTWC and NDMO (General Directorate of Emergency and Environmental Disaster) are responsible for public notification of a tsunami emergency situation, the elapsed time is estimated separately. NTWC of Yemen would take 90 minutes to notify the public, whereas NDMO would take 45 minutes.

Issues to be followed up for Objective 6:

- The observed least elapsed time was 8 minutes and the highest was 1 hour 30 minutes. The elapsed time to reach the public should be reduced substantially.
- For near-source regions special initiatives need to be adopted which would include direct dissemination of warning messages to public through sirens etc. to avoid delay.
- Capacity building and community awareness programmes should be taken up, especially for near-source regions to enable the coastal community to respond to the natural signs of a tsunami.

3. COMPARISON OF PRELIMINARY RESULTS WITH FINAL EVALUATIONS

A preliminary summary of results was compiled within 48 hours of the Exercise IOWave11, using feedback received from 19 NTWCs. One additional NTWC provided feedback shortly afterwards but not in time to be included in the original preliminary evaluation (Pakistan). Table I−1 (ANNEX I

) shows a summary of this evaluation, including the results from Pakistan.

Preliminary evaluations were received from 20 countries and Final Evaluation forms from 19 countries. Of those which submitted preliminary results, Comoros and Mozambique did not submit a final evaluation. Maldives and Myanmar did not submit preliminary results but did submit a final evaluation.

In the Preliminary Evaluation, all countries indicated they received bulletins from the RTSPs, RIMES and JMA, and all but Seychelles received bulletins from PTWC. All countries except Oman conducted an exercise at their NTWC.

Most countries (80%) also involved other agencies.Seventy-five per cent (75%) conducted a tabletop or functional exercise and four countries (India, Kenya, Malaysia and Mauritius) conducted evacuations.

However, in the final evaluation it is not clear how many countries conducted evacuations. The Evaluation Report of Indonesia seems to indicate that the exercise was taken right down to the local level but it is not clear if evacuations occurred. The Final Evaluation from Mauritius does not include enough detail to determine if there were evacuations; however their preliminary report indicated that there were.

In the Preliminary Evaluation, Pakistan indicated that it was unable to access the websites of Indonesia and RIMES at the start of the exercise; however the final evaluation form from Pakistan indicates there were no issues accessing the Indonesian website.

4. EXERCISE SUCCESS CRITERIA

Prior to the exercise, it was decided that exercise will be a success when:

(i). The core objectives above were exercised, performance evaluated and reported upon.

(ii). The dynamics between the National Tsunami Warning Centres, Tsunami Warning Focal Points, and information dissemination points within countries at the onset of a tsunami event are illustrated and understood.

(iii). Areas where aspects of warnings for a tsunami event can be improved are identified, both for tsunami warning centres and individual countries.

(iv). It supports the establishment or review of planning for response to tsunamis at national and regional/local levels.

Twenty out of a total of 23 countries with nominated Tsunami Warning Focal Points participated in the IOWave11 Exercise, a participation rate of 83%. If those providing preliminary feedback but not formal evaluations are included then the participation rate rises to 96%, or 22 out of 23 countries.

In general, for email, fax, GTS and SMS, the results from Objective 2 (Bulletin receipt) had slightly fewer positive responses than the previous IOTWS Communications Test in September 2011. The Communications test only collected data on bulletin receipt by NTWCs from the three RTSPs, so there is no data for comparison with RIMES, PTWC and JMA.

The reasons for not having received formal evaluations from all NTWCs are not immediately apparent. It is possible that the long and sometimes confusing evaluation form was off-putting for some NTWCs to complete. The lack of lead time for the release of the Exercise Manual (Exercise Indian Ocean Wave 11, An Indian Ocean-wide Tsunami Warning and Communication Exercise, Vol.1[IOC/2011/TS/99Vol.1, in process]) prior to the exercise may also have contributed to less time for planning and lower participation rates.

The slightly lower rate of bulletin receipt for all dissemination methods (compared to the Communication Test on 12 Sept 2011) should be investigated. Several countries commented that the large number of bulletins being issued from the RTSPs, RIMES and IAS caused some confusion. In addition, many of the faxes, emails and GTS messages were sent several times, meaning NTWCs were receiving literally hundreds of messages over a 12 hour period. It is possible that, in some cases, the receipt of all bulletins was not noted due to the high volumes.

ANNEX I

SUMMARY OF PRELIMINARY RESULTS RECEIVED FROM NTWCS

	Country	AUS	BAN	COM	FR	IN	IND	KN	MAD	MAL	MAU	MZ	OM	PK	SY	SIN	SLK	TAN	T-L	THA	YEM	%Y	No.
RTSP BULLETINS	Received bulletins from RTSPs	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	100	20
	Received bulletins from RIMES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	100	20
	Received bulletins from JMA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	100	20
	Received bulletins from PTWC	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	95	19
NATIONAL ACTIONS	Exercise conducted at NTWC	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	95	19
	Other agencies involved	●	●	○	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	○	80	16
	Tabletop/functional exercise	●	●	○	○	●	●	●	●	●	●	○	○	●	●	●	○	●	●	●	●	75	15
NATIONAL RESPONSE	Any area evacuated	○	○	○	○	●	○	●	○	●	●	○	○	○	○	○	○	○	○	○	○	20	4
	Smooth evacuation	n/a	n/a	n/a	n/a	●	n/a	○	n/a	●	●	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	75*	3
	Media Engagement	○	●	○	●	●	●	●	○	●	●	○	○	●	●	○	○	○	●	●	○	55	11
OVERALL ASSESSMENT	Exercise satisfactory?	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	95	19
	Any problems encountered?	○	○	●	○	○	●	●	●	○	○	○	○	○	○	○	○	●	●	○	○	30	6

Table I−1. Summary of preliminary results received from NTWCS

AUS=Australia, BAN=Bangladesh, FR=France (La Reunion), IN=India, IND=Indonesia, KN=Kenya, MAD=Madagascar, MAL=Malaysia, MAU=Mauritius, MZ=Mozambique, OM=Oman, PK=Pakistan, SY=Seychelles, SIN=Singapore, SLK=Sri Lanka, TAN=Tanzania, T-L=Timor-Leste, THA=Thailand, YEM=Yemen

NOTE: Maldives and Myanmar did not submit preliminary reports (but did submit full exercise evaluation reports)
●= yes, ○= no, n/a= not applicable, %= percentage answering yes
* % of number of countries conducting evacuation drill

ANNEX II

SUMMARY OF EMAIL MESSAGES RECEIVED BY EACH NTWC

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
AUSTRALIA	0100 Test Start		55	54	56	112	56	55	56	56	55	55	55	59		56					1255	14	74	
	0105 Bulletin 1	110	110	110	111	112	111	111	111	111	111	110	110	112		112	111	110			110	17	89	
	0112 Bulletin 2																	115		151		2	11	
	0145 Bulletin 3	149	149	149	150	150	150	150	150	150	150	149	149	151		150	150	149			149	17	89	
	0150 Bulletin 4	210	210	210	211	210	210	210	211	211	210	210	210	158		211	210	210		212	210	18	95	
	0300 Bulletin 5	252	252	252	253	253		253	252	253	252	252	252	252		253	253	252	255	252	252	18	95	
	0400 Bulletin 6	409	409	409	410	409		409	409	409	409	409	409	409		409	409	409	409	409	409	18	95	
	0500 Bulletin 7	507	507	507	507	507	507	507	507	507	507	507	507	508		508	507	507	507	509	507	19	100	
	0600 Bulletin 8	559	559	559	600	600	600	600	600	600	559	559	559	558		600	559	607	559	559	559	19	100	
	0700 Bulletin 9	653	653	653	654	653	656	653	654	654	654	653	653	653		654	653	653	653	653	653	19	100	
	0800 Bulletin 10	758	758	758	759	759	856	759	759	759	758	758	758	800		759	758	750	758	758	758	19	100	
	0900 Bulletin 11	859	859		900	859	859	859	959	859	859	859	859	900		900	859	859	859	859	859	18	95	
	1000 Bulletin 12	1002	1002	1002	1003	902	1002	1002	1002	1002	1004	1002	1002	1002		1003	1002	1002	1002		1002	18	95	
	1100 Bulletin 13	1100	1100	1100	1100		1100	1100	1100	1100	1101	1100	1100	1059		1100	1100	1100	1100		1100	17	89	
	1200 Bulletin 14	1158		1158	1159		1158	1158	1158	1158	1158	1158	1158	1200		1159	1158	1200	1158		1158	16	84	**87**
INDIA	0100 Test Start		56	54	55		55	56	55	56	55	54	54	55		57		55		54	1254	15	79	
	0105 Bulletin 1	106	105	106	106		106	141	106	106	106	106	106	120		107	106	106	105	106	106	18	95	
	0110 Bulletin 2	111	111	111	111		111	201	112	112		111	111	111		112	111		112		111	15	79	
	0140 Bulletin 3	140	140	140	140		140		141	141	141	140	140	141		141	141	140	142	140	140	17	89	
	0200 Bulletin 4	200	200	242	201		200	301	201	201	201	200	200	200		201	201	200	207	200	200	18	95	
	0300 Bulletin 5	301	300	300	301		300	400	301	301	301	300	300	300		301	300	300	306	300	300	18	95	
	0400 Bulletin 6	400	400	400	401		400	502	401	401	400	400	400	400		401	400	400		400	400	17	89	
	0500 Bulletin 7	501	501	501	502		501	601	502	501	530	501	501	501		503	502	501		500	501	17	89	
	0600 Bulletin 8	600	600	600	601		600	701	601	601	555	600	600	601		601	600	600		600	600	17	89	
	0700 Bulletin 9	700	701		701		736	801	701	701	701	700	700	704		701	700	700		700	700	16	84	
	0800 Bulletin 10	800	801	800	801		836	901	801	801	801	800	800	800		801	800	800		800	800	17	89	
	0900 Bulletin 11	900	900	900	907		900	1001	901	901	901	900	900	900		901	900	900		900	900	17	89	
	1000 Bulletin 12	1000	1000	1000	1001		1000	1000	1001	1001	1001	1000	1000	1000		1002	1000	1000			1000	16	84	
	1100 Bulletin 13	1100	1100	1100	1101		1100	1200	1101	1101	1101	1100	1100	1100		1101		1100			1100	15	79	
	1200 Bulletin 14	1159		1159	1201		1200	1300	1200	1200	1201	1159	1159	1200		1201		1200			1159	14	74	
	1300 Bulletin 15	1259			1300		1259	56	1259	1300	1304	1259	1259	1300		1300	1259	1300			1259	14	74	**86**

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
INDONESIA	0100 Test Start		58											106				55			105	4	21	
	0105 Bulletin 1	105	105	105	105	107		105	105	105		105	105	110		106		106	106	105	110	16	84	
	0110 Bulletin 2	110	110	110	110	113	110	110	110	110	110	110	110	113		110		111	111	108		17	89	
	0145 Bulletin 3	145	145	145	145	149	145	145	145	145	145	145	145	145		146		145	150	145	145	18	95	
	0245 Bulletin 4	245	245	200	245	247	245	245	245	245	245	245	245	245		246	245	245	246	248	245	19	100	
	0345 Bulletin 5	345	345	345	346	346	345	345	345	345	345	345	345	348		346	345	345	345	345	345	19	100	
	0445 Bulletin 6	445	446	445	446	446	445	445	445	445	445	445	549	446		446	445	445	406	448	445	19	100	
	0545 Bulletin 7	546	550	546	547	546	546	546	546	546	546	546	546	545		547	546	501	546	546	546	19	100	
	0645 Bulletin 8	723	724	723	724	724	821	724	724	724	735	723	723	645		724	724	645	724	723	723	19	100	
	0745 Bulletin 9	745	745	745	745	07:46	804	745	745	745	815	745	745	745		745	745	745	745	745	745	19	100	
	0945 Bulletin 10	945	945	945	945	946	945	945	945	945	945	945	945	952		946	945	945	945		945	18	95	
	1145 Bulletin 11	1145		1145	1146	1145		1145	1145	1145	1155	1145	1145	1146		1146	1145	1145	1145		1145	16	84	
	1300 Bulletin 12	1300		1300	1301	1153		1300	1300	1300	1500	1300	1300	1301		1301	1300	1345	1300		100	16	84	**89**
RIMES	0100 Test Start							124										105				2	11	
	0105 Bulletin 1	118	118	118	124	123		124		118	124	118	118	127		125	125	118	108		118	16	84	
	0112 Bulletin 2	119	119	119	123	123	123	145		119	125	119	119	127		125	124	119	116	119	119	18	95	
	0143 Bulletin 3	142	142	142	146	242	144			143	145	142	142	643		146	146	742	146	142	142	17	89	
	0243 Bulletin 4	243	243	243	249	242	247	249		243	249	243	243	250		250	248	243	245	244	243	18	95	
	0343 Bulletin 5	342	342	342	346	348	344	347		343	347	342	342	348		347	345	342	344	442	342	18	95	
	0443 Bulletin 6	442	442	442	446	447	444	447		443	448	442	442	448		448	445	442	444	450	442	18	95	
	0543 Bulletin 7	542	542	542	546	546	543	546		542		542	542	546		547	545	542	544	542	542	17	89	
	0643 Bulletin 8	643	643	643	647	647	841	648		643		643	643	703		648	646	643	645	643	643	17	89	
	0743 Bulletin 9	743	748	743	745	748	841	748		743	748	743	743	751		749	747	743	746	773	743	18	95	
	0943 Bulletin 10	942	948	942	947	948	945	949		942	950	943	942	951		949	946	943	945		942	17	89	
	1043 Bulletin 11	1042	1046	1042	1045	1057	1044	1046		1043		1042	1042	1048		1047	1045	1042	1044		1042	16	84	
	1200 Bulletin 12	1153	1158	1153	1158	1158	1156	1159		1153	1159	1143	1153	1201		1159	1157	1200	1156		1153	17	89	**85**
PTWC	0100 Test Start										115							104				2	11	
	0115 Bulletin 1	118	118	118	115		119	119		119	119	118	118	117		119	119	118	118			15	79	
	0145 Bulletin 2	145	145	145	145		144	145		145	145	145	145	145		145	145	145	145			15	79	
	0245 Bulletin 3	245	245	245	245		244	245			245	245	245	245		245	245	245	246	245	245	16	84	
	0345 Bulletin 4	345	345	345	345		344	345		345	345	345	345	345		345	345	345	345		345	16	84	
	0445 Bulletin 5	445	445	445	445		445	445		445	445	445	445	445		445	445	445	445	445	445	17	89	
	0545 Bulletin 6	545	545	545	545		544	545		545		545	545	545		545	545	546	545	545	545	16	84	
	0645 Bulletin 7	645	645	645	645		809	646		645		645	645	645		645	645	645	645	645	645	16	84	
	0745 Bulletin 8	745	745	745	745		809	746		745		745	745	745		746	745	745	745	745	745	16	84	
	0845 Bulletin 9	845	845	845	845		845	845		845	846	845	845	845		845	845	845	845		845	16	84	

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
	0945 Bulletin 10	945	945	945	945		945	945		945		945	945	945		945	945	945	945		945	15	79	
	1045 Bulletin 11	1045	1045	1045	1045		1044	1045		1045		1045	1045	1045		1045	1045	1045	1045		1045	15	79	
	1100 Bulletin 12	1100	1100	1100	1100		1159	1100		1100		1000	1100	1100		1100	1100	1100	1100		1100	15	79	**77**
JMA	0120 Bulletin 1	121		121	120			121		121	121	121	121	121		122	121	120	121	121	121	15	79	
	0150 Bulletin 2	150		150	150			151		151	151	150	150	150		151	151	150	151	150	151	15	79	
	0300 Bulletin 3	300		300	300			300		301	300	300		300		301	300	300	301	300	300	14	74	**77**

Table II−1. Summary of email messages received by each NTWC.

AUS=Australia, BAN=Bangladesh, FR=France (La Reunion), IN=India, IND=Indonesia, KN=Kenya, MAD=Madagascar, MAL=Malaysia, MD=Maldives, MAU=Mauritius, MM=Myanmar, OM=Oman, PK=Pakistan, SY=Seychelles, SIN=Singapore, SLK=Sri Lanka, TAN=Tanzania, THA=Thailand, TL=Timor-Leste, YEM=Yemen

NOTES:
1. Comoros and Mozambique submitted preliminary reports but not full exercise evaluation forms.
2. Maldives and Myanmar submitted full exercise evaluation forms but not preliminary reports.

ANNEX III

SUMMARY OF FAX MESSAGES RECEIVED BY EACH NTWC

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
AUSTRALIA	0100 Test Start																					0	0	
	0105 Bulletin 1																					0	0	
	0112 Bulletin 2																					0	0	
	0145 Bulletin 3	152																				1	5	
	0150 Bulletin 4	212																				1	5	
	0300 Bulletin 5	254																				1	5	
	0400 Bulletin 6	411																				1	5	
	0500 Bulletin 7	511																				1	5	
	0600 Bulletin 8	601																				1	5	
	0700 Bulletin 9	655																				1	5	
	0800 Bulletin 10	800																				1	5	
	0900 Bulletin 11	901																				1	5	
	1000 Bulletin 12	1004																				1	5	
	1100 Bulletin 13	1102																				1	5	
	1200 Bulletin 14	1200																				1	5	**4**
INDIA	0100 Test Start			55						130			108			147						4	21	
	0105 Bulletin 1	121		134	108				134	140			107			147			130			8	42	
	0110 Bulletin 2	117			126	124			223	146	112		106			113						8	42	
	0140 Bulletin 3	144			146	143				212			142			143			156			7	37	
	0200 Bulletin 4	204		243	210	207		343	323	230						206			204			9	47	
	0300 Bulletin 5	303		322	306			434		333	330	606				302			306			9	47	
	0400 Bulletin 6	407		402	403			515	504	431	408	723	404			401			458			11	58	
	0500 Bulletin 7	507		506	503			609		531	540		504			503			512			9	47	
	0600 Bulletin 8			600	606	603		721	638	633	645		621			602			607			10	53	
	0700 Bulletin 9	705		704	708	705		829		722	706					707			708			9	47	
	0800 Bulletin 10	801		807	804			907	845	832	810					802			835			9	47	
	0900 Bulletin 11	903		900	904	910		1020		933	910					901			919			9	47	
	1000 Bulletin 12			1000	1007	1004		1122		1030	1012		1002			1002			1034			9	47	

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
	1100 Bulletin 13				1103					1134	1104		1108			1104			1106			6	32	
	1200 Bulletin 14	1203		1201	1206					1230	1243					1204			1208			7	37	
	1300 Bulletin 15	1303		1300	1302	124				1340	1310					1302			1306			8	42	**43**
INDONESIA	0100 Test Start																					0	0	
INDONESIA	0105 Bulletin 1				135				105		115					108						4	21	
INDONESIA	0110 Bulletin 2			127	158				142							112			109			5	26	
INDONESIA	0145 Bulletin 3			142	251				207			213				156			149			6	32	
INDONESIA	0245 Bulletin 4	253			359							428				244			245			5	26	
INDONESIA	0345 Bulletin 5			343	456				405			402				348			345			6	32	
INDONESIA	0445 Bulletin 6			456	549				451			600				447			458			6	32	
INDONESIA	0545 Bulletin 7			547	650				548		625	700				547			555			7	37	
INDONESIA	0645 Bulletin 8	703		644				705	653		712					646			659			7	37	
INDONESIA	0745 Bulletin 9	803		745	749				753		812	800				745			759			8	42	
INDONESIA	0945 Bulletin 10	1030		945	950			1009	954		945	1000				849			812			9	47	
INDONESIA	1145 Bulletin 11			1154	1159			1206	1213							1145			1151			6	32	
INDONESIA	1300 Bulletin 12			1303	1311			1318	1324							1309			1326			6	32	**30**
RIMES	0100 Test Start									101												1	5	
RIMES	0105 Bulletin 1	138	146		141				205	106	137					136			143			8	42	
RIMES	0112 Bulletin 2	145	151		148				212	113	145	142							153			8	42	
RIMES	0143 Bulletin 3	217			217			215	249	144		220				215			216			8	42	
RIMES	0243 Bulletin 4	316	318						342	243	340	318				319			317			8	42	
RIMES	0343 Bulletin 5	416	417		416				444	342		417				418						7	37	
RIMES	0443 Bulletin 6	521	525		520			522	550	443	443	642				525			530			10	53	
RIMES	0543 Bulletin 7	634	635		637			633	601	544	645	637				631			632			10	53	
RIMES	0643 Bulletin 8	715			715			714	642	642	716	719				716			721			9	47	
RIMES	0743 Bulletin 9	816	820		825			821	742	744	818	816				818			818			9	47	
RIMES	0943 Bulletin 10	1015	1016		1015			1016		945	950	1018				1013			1015			9	47	
RIMES	1043 Bulletin 11	1116			1116			1113		1042		1120				1116			1117			7	37	
RIMES	1200 Bulletin 12	1232			1333					1201	1245					1204						5	26	**40**

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
PTWC	0100 Test Start																	105				1	5	
	0115 Bulletin 1	122	322	122	123			132	143	116		120	126			120	120	120	120		118	14	74	
	0145 Bulletin 2	149	325	144	151	157		240	215	146		150	147			146	145	145	152		145	15	79	
	0245 Bulletin 3	247	326	244	247	247		245	313	246		249	248			246	250	246	250			14	74	
	0345 Bulletin 4	348	358	344	348	347		351	413	346	342	349	346			346	355	346	346			15	79	
	0445 Bulletin 5	448	451	443	451	447		446	524	447	445	450	446			446	445	446	446			15	79	
	0545 Bulletin 6	547	620	545	547	548		546	614	545		550	546			545	550	546	547			14	74	
	0645 Bulletin 7	649	650	645	648	647		646	715	645	651	650	646			646	645	645	650			15	79	
	0745 Bulletin 8	747	754	749	747	749		804	814	743		749	746			747	745	745	746			14	74	
	0845 Bulletin 9	847	850	846	846	848		846		847	845	849	846			846	845	846	850			14	74	
	0945 Bulletin 10	947	950	945	947	947		946		945		949	947			947	945	945	945			13	68	
	1045 Bulletin 11	1049		1046	1048	1050		1049		1046		1050	1046			1046	1050	1045	1053			12	63	
	1100 Bulletin 12	1103		1059	1110	1110		1100		1101		1104	1102			1100	1100	1100	1104			12	63	**68**
JMA	0120 Bulletin 1	124	130	120	127			156	120	124		133	121			125		121	132			12	63	
	0150 Bulletin 2	154	156	150	157			154	150	154		157	151			153		151	205			12	63	
	0300 Bulletin 3	304	306	259				302	300	313		311	301			323		301	308			11	58	**61**

Table III−1. Summary of fax messages received by each NTWC

AUS=Australia, BAN=Bangladesh, FR=France (La Reunion), IN=India, IND=Indonesia, KN=Kenya, MAD=Madagascar, MAL=Malaysia, MD=Maldives, MAU=Mauritius, MM=Myanmar, OM=Oman, PK=Pakistan, SY=Seychelles, SIN=Singapore, SLK=Sri Lanka, TAN=Tanzania, THA=Thailand, TL=Timor-Leste, YEM=Yemen

NOTES:

1. Comoros and Mozambique submitted preliminary reports but not full exercise evaluation forms.
2. Maldives and Myanmar submitted full exercise evaluation forms but not preliminary reports

ANNEX IV

SUMMARY OF GTS MESSAGES RECEIVED BY EACH NTWC

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
AUSTRALIA	0100 Test Start			57	58	104	57						55	102	108	55						8	42	
	0105 Bulletin 1	110	118	111	112	119	111		112		111	112	110	111	108	110	113	110	142			16	84	
	0112 Bulletin 2		146										150				115	115				4	21	
	0145 Bulletin 3	149	151	151	150	158	151		150		151	151	210	150	147	149	152	145	153			16	84	
	0150 Bulletin 4	210	214	212	210	219	211		212	210	212	211	252	210	208	210	212	150				16	84	
	0300 Bulletin 5	252	255	253	254		410		252	252	253	254	501	253	255	252	254	252	258			16	84	
	0400 Bulletin 6	409	411	411	410	417	508		410	409		410	508	406	408	409	411	358	413			16	84	
	0500 Bulletin 7	507	510	508	508	515	601		507	507	458	508	559	507	524	507	509	458	516			17	89	
	0600 Bulletin 8	559	603	601	600	608	654		600	559	602	601	720	600	557	559	602	607	610			17	89	
	0700 Bulletin 9	653	655	654	656	702	800		655	653	701	654	800	653	655	653	655	653	656			17	89	
	0800 Bulletin 10	758	805	800	800	807			800	758	803	800	900	758	802	758	800	750	804			16	84	
	0900 Bulletin 11	859	859	900		908			900	859	905	900	1002	859	902	859	901	859	904			15	79	
	1000 Bulletin 12	1002	1002	1002	1002	1011	1003		1001	1002	1013	1003	1101	1002	1005	1002	1004	1002	1007			17	89	
	1100 Bulletin 13	1101		1101	1102		1159		1100	1100	1102	1101	1159	1100	1105	1100	1102	1059	1109			15	79	
	1200 Bulletin 14	1159		1159	1158				1157	1158	1200	1159	1159	1158	1201	1158	1200	1200	1216			14	74	**77**
INDIA	0100 Test Start					104	100				106				109			55				5	26	
	0105 Bulletin 1	107	115	108	108	114	108		110			108	107	107	109	107	109	105	143			15	79	
	0110 Bulletin 2	116	119	113	112	119	113		113		112	113	112	112	111	112	114	111	141			16	84	
	0140 Bulletin 3	144	145	143	142	150	143		140		142	143	142	143	144	142	144	140	145			16	84	
	0200 Bulletin 4	244	200	202	202	210	202		202	204		203	202	203	204	202	204	200	205			16	84	
	0300 Bulletin 5	301	304	301	302		302		302	301	301	302	446	303	304	301	303	300	304			16	84	
	0400 Bulletin 6	408	358	402	402	409	402		401	401		402	501	401	404	401	403	400	404			16	84	
	0500 Bulletin 7	502	504	545	502	510	503		503	502	507	503	504	502	504	502	504	501	509			17	89	
	0600 Bulletin 8	601	607	602	602	610	602		602	601	603	602	719	601	604	601	603	600	609			17	89	
	0700 Bulletin 9	702	705	703	702	710	703		703	701	704	703	720	702	705	702	704	700	705			17	89	
	0800 Bulletin 10	801	807	802	803	810	802		802	801	805	802	801	801	804	801	803	800	805			17	89	
	0900 Bulletin 11	901	900	903	902	910	903		901	901	905	902	918	901	904	901	903	900	904			17	89	
	1000 Bulletin 12	1001	1000	1003	1002	1010	1002		1001	1001	1004	1002	1002	1002	1003	1002	1003	1000	1007			17	89	
	1100 Bulletin 13	1101	1102	1103	1102	104	1103		1102	1101	1104	1103	1104	1102	1105	1101	1102	1100	1107			17	89	
	1200 Bulletin 14	1202	1203	1203	1202	114	1203		1203	1201	1202	1202	1219	1202	1205	1202	1204	1200	1213			17	89	
	1300 Bulletin 15	1301	1305		1302	119	1302		1302	1301	1306	1302	1301	1301	1304	1301	1303	1300	1305			16	84	**83**

	Bulletin No	AUS	BAN	FR	IN	IND	KN	MAD	MAL	MD	MAU	MM	OM	PK	SY	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
INDONESIA	0100 Test Start					104	111					108						55				4	21	
	0105 Bulletin 1	105	116	111	110	116	112		112	310	106	111	110	110	108	105	110	105	142			17	89	
	0110 Bulletin 2	110	126	122	122	119			121		124	112	120	120	118	110	116	111	141			15	79	
	0145 Bulletin 3	145	314	312	316	154	312		316	314	311	147	446	146	308	145	147	146	149			17	89	
	0245 Bulletin 4	245	330	313	316	254	313		318	245	312	247	501	404	309	245	247	245	250			17	89	
	0345 Bulletin 5	345	353	349	352	353	349		353	345	348	348	503	353	350	345	347	346	355			17	89	
	0445 Bulletin 6	445	457	450	454	454	450		452	445		450	719	453	457	445	455	446	450			16	84	
	0545 Bulletin 7	546	707	609	610	555	609		613	546	610	548	756	611	605	546	548	543	610			17	89	
	0645 Bulletin 8	724	759	754	800	732			757	724		646	757	757	751	724	726	645	738			15	79	
	0745 Bulletin 9	745	800	755	800	754	755		758	745	755	746	825	758	822	745	747	745	752			17	89	
	0945 Bulletin 10	945			1104	754				945		947	1220	1104		945	947	945	1000			11	58	
	1145 Bulletin 11	1145		1202	1206	1154			1205	1145	1205	148		1205	1159	1145	1147	1145	1214			14	74	
	1300 Bulletin 12	1300			1316	1309	1309		1317	1300	1314	1301	1314	1304	1310	1300	1302	1345	1304			15	79	**78**
RIMES	0100 Test Start									100								105				2	11	
	0105 Bulletin 1		110	107	108	114			114	105		107	106	106	103	106	108	118				13	68	
	0112 Bulletin 2		121	309	114	122			115	112		115	114	114	306	312	116	119	147			14	74	
	0143 Bulletin 3		146	144	144	134			145	143		144	143	144	145	143	145	142	148			14	74	
	0243 Bulletin 4		249	246	246	151			245	243		245	244	245	246	244	246	243	248			14	74	
	0343 Bulletin 5		345	344	344	351			344	343	343	344	316	345	345	342	344	342	347			15	79	
	0443 Bulletin 6		459	443	444	450			443	443		443	359	442	445	442	444	442	446			14	74	
	0543 Bulletin 7		548	545	544	551			544	543		544	442	543	546	543	545	542	546			14	74	
	0643 Bulletin 8		640	645	644	651			643	643		644	543	643	646	643	645	643	650			14	74	
	0743 Bulletin 9		748	743	746	752			744	743		745	705	743	746	744	746	743				13	68	
	0943 Bulletin 10		943	943	944	951			943	943		943	744	942	946	942	944	943	1000			14	74	
	1043 Bulletin 11		1045	1044	1042	1051			1043	1043		1043	950	1042	1048	1042	1044	1042	1055			14	74	
	1200 Bulletin 12			1156						1200			1042					1200				4	21	**64**
JMA	0120 Bulletin 1	120	126	120	122	128	121		120	120		121		120	122	120	122		141			14	74	
	0150 Bulletin 2	150	146	150	150	158	152		151	150		151		120	153	150	152		154			14	74	
	0300 Bulletin 3	300	306	300	302	308	300		305	300		301		300	258	300	302		303			14	74	**74**

Table IV−1. Summary of GTS messages received by each NTWC

AUS=Australia, BAN=Bangladesh, FR=France (La Reunion), IN=India, IND=Indonesia, KN=Kenya, MAD=Madagascar, MAL=Malaysia, MD=Maldives, MAU=Mauritius, MM=Myanmar, OM=Oman, PK=Pakistan, SY=Seychelles, SIN=Singapore, SLK=Sri Lanka, TAN=Tanzania, THA=Thailand, TL=Timor-Leste, YEM=Yemen. NOTES:1. Comoros and Mozambique submitted preliminary reports but not full exercise evaluation forms. 2. Maldives and Myanmar submitted full exercise evaluation forms but not preliminary reports. 3. PTWC did not issue GTS messages.

ANNEX V

SUMMARY OF SMS MESSAGES RECEIVED BY EACH NTWC

	Bulletin No	AUS	BAN	IN	IND	KN	MAL	MD	MAU	MM	OM	PK	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
AUSTRALIA	0100 Test Start				101	56							56						3	19	
	0105 Bulletin 1	111		111	111	111	111						110						6	38	
	0112 Bulletin 2	131		131	131	131	131						131						6	38	
	0145 Bulletin 3	150		150	150	150	150						150						6	38	
	0150 Bulletin 4	210			210	210	210						210						5	31	
	0300 Bulletin 5	253			253	253	253						253						5	31	
	0400 Bulletin 6	409			409	409	409						409						5	31	
	0500 Bulletin 7	507			507	507	507						508						5	31	
	0600 Bulletin 8	600			601	600	600						601						5	31	
	0700 Bulletin 9	653			654	653	653						653						5	31	
	0800 Bulletin 10	758			758	758	758						759						5	31	
	0900 Bulletin 11	859			859	859	859						859						5	31	
	1000 Bulletin 12	1002			1002	1002	1002						1002						5	31	
	1100 Bulletin 13	1100				1100	1100						1100						4	25	
	1200 Bulletin 14	1158				1158	1158						1158						4	25	**31**
INDIA	0100 Test Start		57	58	56	56		56	55		56	56	56	56		59			11	69	
	0105 Bulletin 1	105	100	107	107	107	107	107	107		107	107	107	107		107			13	81	
	0110 Bulletin 2	111	111	111	112	112	112	112	112		112	112	112	112		111			13	81	
	0140 Bulletin 3	140	140	140	141		141	141	141		141	141	141	141		141			12	75	
	0200 Bulletin 4	201	201	200	203	201	201	201	201		201	201	201	201		201			13	81	
	0300 Bulletin 5	301	300	300	301	301	301	301	301		301	301	301	301		301			13	81	
	0400 Bulletin 6	401	401	400	401	401	401	405	401		401	405	401	401		*			12	75	
	0500 Bulletin 7	504	501	501	505	502	501	502	502		501	502	502	505		*			12	75	
	0600 Bulletin 8	601	600	600	602	601	601	601	601		601	601	601	601		*			12	75	
	0700 Bulletin 9	701	700	700	701	701	701	701	701			701	701	701		*			11	69	
	0800 Bulletin 10	800	800	800	801	801	801	801	801		803	801	801	803		*			12	75	
	0900 Bulletin 11	901	900	900	901	901	901	901	901			901	901	901		*			11	69	
	1000 Bulletin 12	1001	1000	1000	1002	1001	1001	1001	1001			1001	1001	1001		*			11	69	
	1100 Bulletin 13	1101	1102	1100	56	1101	1101	1101	1101			1101	1101	1101		*			11	69	
	1200 Bulletin 14	1200	1201	1200	107	1200	1200	1200	1200			1201	1200	1201		*			11	69	
	1300 Bulletin 15	1301	1300	1301	112	1301	1301	1301	1301			1301	1301	1301		*			11	69	**74**

	Bulletin No	AUS	BAN	IN	IND	KN	MAL	MD	MAU	MM	OM	PK	SIN	SLK	TAN	THA	TL	YEM	Tot	%	Ave
INDONESIA	0100 Test Start		100		106														2	13	
	0105 Bulletin 1	105	103	106	106		106		105		105		107	106					9	56	
	0110 Bulletin 2	110	110	111	111		111		110		110		112	111					9	56	
	0145 Bulletin 3	145	142	146	146		147		145		145		147	146					9	56	
	0245 Bulletin 4	245	202	246	246		246		245		245		247	246					9	56	
	0345 Bulletin 5	345	345	346	346		346		345		345		347	346					9	56	
	0445 Bulletin 6	445	445	446	446		447		445		445		447	546					9	56	
	0545 Bulletin 7	546	547	547	547		548		546		547		548	547					9	56	
	0645 Bulletin 8	723	723	724	725		725		724		725		726	725					9	56	
	0745 Bulletin 9	745	745	746	747		746		745		745		747	746					9	56	
	0945 Bulletin 10	945	945	946	946		946		945		945		947	946					9	56	
	1145 Bulletin 11	1145		1146	1146		1147		1145		1145		1147	1146					8	50	
	1300 Bulletin 12	1300		1301	1002		1301		1300		1300		1302	1301					8	50	**52**
RIMES	0100 Test Start		100			101		101			101	101	901	100	105			100	9	56	
	0105 Bulletin 1	105	101	338		105	105	105	125		105	105	107	105	118			104	13	81	
	0112 Bulletin 2	113	111			113	114	113	133		113	113	115	113	119			112	12	75	
	0143 Bulletin 3	143	140	335		143	143	143	203		143	144	145	143	742			142	13	81	
	0243 Bulletin 4	243	200	334		243	243	243	303		243	243	243	243	243			242	13	81	
	0343 Bulletin 5	342	342	334		342	342	342	409		342	343	342	342	342			341	13	81	
	0443 Bulletin 6			441		449	449	449	501		449	443	449	449	442			448	11	69	
	0543 Bulletin 7	541	541	533		541	541	541			541	541	541	541	542			540	12	75	
	0643 Bulletin 8	643	643	645		643	643	643	703		643	643	643	643	643			642	13	81	
	0743 Bulletin 9	743	742	735			743	743			743	743	743	743	742			742	11	69	
	0943 Bulletin 10	945		937				945	1005		945	945	945	945	945			944	10	63	
	1043 Bulletin 11	1043	1042	1042		1143	1043	1043	1103		1043	1043	1043	1043	1042			1042	13	81	
	1200 Bulletin 12	1200		1158		1300	1200	1200	1220		1200	1201	1200	1200	1200			1200	12	75	**75**

Table V−1. Summary of sms messages received by each NTWC

NOTES:
1. Comoros and Mozambique submitted preliminary reports but not full exercise evaluation forms.
2. Maldives and Myanmar submitted full exercise evaluation forms but not preliminary reports.
3. PTWC and JMA did not issue SMS messages.
4. Comoros, France / La Reunion, Madagascar and Seychelles were not set up to receive SMS messages at the time of the exercise.
5. * = received, but time not reported.

ANNEX VI

SUMMARY OF ELAPSED TIME UNTIL PUBLIC NOTIFIED

Country	AUS		IN			IND			KN	MAL		T-L	THA	YEM	
	NDMO		NDMO			NDMO									
Location	National Watch	State (WA) Warning	Maharashtra	Odisha	Puducherry	Aceh	Padang	Bantul	NDMO	NTWC	NDMO	NDMO	NTWC	NTWC	NDMO
Making a decision on public warning (From time of receipt of warning)	2	2	20	5	10	3	3	2	15	10	5	45	13	30	15
Formulation/compilation of public notification (From time of decision)	5	12	40	5	5	2	2	3	30	10	10	15	--	30	15
Activation of public notification systems (From time of notification formulated)	1	1	25	10	3-5	3	4	3	45	17	15	3	--	30	15
Total Time	**8**	**15**	**1 hr 25 min**	**20**	**20**	**8**	**9**	**8**	**1 hr 30 min**	**37**	**30**	**1 hr 3 min**	**--**	**90**	**45**

Table VI−1. Summary of elapsed time until public notified

AUS=Australia, IN=India, IND=Indonesia, KN=Kenya, MAL=Malaysia, T-L=Timor-Leste, THA=Thailand, YEM=Yemen

India, Kenya and Malaysia provided the timelines from actual evacuation of the public. Australia, Indonesia, Timor-Leste, Thailand and Yemen provided expected time lines.

ANNEX VII

SUMMARY OF ORGANIZATIONAL DECISION MAKING

	Country	AUS	IN	IND			KN	MAL	TAN	T-L	YEM
	Local area			**Aceh**	**Padang**	**Bantul**					
4a	The method of communication between national decision-making and dissemination point and individual response agencies and provinces/local jurisdictions was sufficient to support national information requirements.	3	3	4	4	4	4	3	1	3	3
4b	Arrangements to assemble management group relevant to decision making on tsunami warning and response were in place before the exercise	3	3	4	4	4	4	3	1	3	3
4c	Management group relevant to decision-making on tsunami warning & response was assembled within X minutes (fill in) after receiving the first warning. This was timely to facilitate good decision-making.			4	4	4	4	3	1	3	2
4d	The quality of the information issued by national decision-making and dissemination point was sufficient to support local level decision-making:	3	3	3	4	4	4	3	1		2
4e	The quality of the information received back from response agencies and local level government were sufficient to support national level decision making:	N/A	3	3	3	3	4	3	1	3	2
4f	Sufficient national information was available to support national level decision making (Regional Tsunami Service Provider information, country-generated scientific assessments, national considerations etc):	2	3	4	4	4	4	3	1	3	2
4g	Sufficient local information was available to support assessment and decision-making (local hazard assessments, inundation areas identified, evacuation plans etc).	2	3	4	4	3	4	2	1	3	3
4h	We were able to make decisions about appropriate warnings and response	3	3	4	4	4	4	3	1	3	4
4i	Decision-making was based on pre-existing plans for an event of this nature	3	3	3	3	4	4	3	1	3	4
4j	The exercise contributed to the improvement or the development of planning related to public warnings and other response activities required for an event of this nature.	3	3	4	3	3	4	3	1	3	4

Table VII−1. Summary of organizational decision making

No.	Title	Languages
1	Manual on International Oceanographic Data Exchange. 1965	(out of stock)
2	Intergovernmental Oceanographic Commission (Five years of work). 1966	(out of stock)
3	Radio Communication Requirements of Oceanography. 1967	(out of stock)
4	Manual on International Oceanographic Data Exchange - Second revised edition. 1967	(out of stock)
5	Legal Problems Associated with Ocean Data Acquisition Systems (ODAS). 1969	(out of stock)
6	Perspectives in Oceanography, 1968	(out of stock)
7	Comprehensive Outline of the Scope of the Long-term and Expanded Programme of Oceanic Exploration and Research. 1970	(out of stock)
8	IGOSS (Integrated Global Ocean Station System) - General Plan Implementation Programme for Phase I. 1971	(out of stock)
9	Manual on International Oceanographic Data Exchange - Third Revised Edition. 1973	(out of stock)
10	Bruun Memorial Lectures, 1971	E, F, S, R
11	Bruun Memorial Lectures, 1973	(out of stock)
12	Oceanographic Products and Methods of Analysis and Prediction. 1977	E only
13	International Decade of Ocean Exploration (IDOE), 1971-1980. 1974	(out of stock)
14	A Comprehensive Plan for the Global Investigation of Pollution in the Marine Environment and Baseline Study Guidelines. 1976	E, F, S, R
15	Bruun Memorial Lectures, 1975 - Co-operative Study of the Kuroshio and Adjacent Regions. 1976	(out of stock)
16	Integrated Ocean Global Station System (IGOSS) General Plan and Implementation Programme 1977-1982. 1977	E, F, S, R
17	Oceanographic Components of the Global Atmospheric Research Programme (GARP) . 1977	(out of stock)
18	Global Ocean Pollution: An Overview. 1977	(out of stock)
19	Bruun Memorial Lectures - The Importance and Application of Satellite and Remotely Sensed Data to Oceanography. 1977	(out of stock)
20	A Focus for Ocean Research: The Intergovernmental Oceanographic Commission - History, Functions, Achievements. 1979	(out of stock)
21	Bruun Memorial Lectures, 1979: Marine Environment and Ocean Resources. 1986	E, F, S, R
22	Scientific Report of the Interealibration Exercise of the IOC-WMO-UNEP Pilot Project on Monitoring Background Levels of Selected Pollutants in Open Ocean Waters. 1982	(out of stock)
23	Operational Sea-Level Stations. 1983	E, F, S, R
24	Time-Series of Ocean Measurements. Vol.1. 1983	E, F, S, R
25	A Framework for the Implementation of the Comprehensive Plan for the Global Investigation of Pollution in the Marine Environment. 1984	(out of stock)
26	The Determination of Polychlorinated Biphenyls in Open-ocean Waters. 1984	E only
27	Ocean Observing System Development Programme. 1984	E, F, S, R
28	Bruun Memorial Lectures, 1982: Ocean Science for the Year 2000. 1984	E, F, S, R
29	Catalogue of Tide Gauges in the Pacific. 1985	E only
30	Time-Series of Ocean Measurements. Vol. 2. 1984	E only
31	Time-Series of Ocean Measurements. Vol. 3. 1986	E only
32	Summary of Radiometric Ages from the Pacific. 1987	E only
33	Time-Series of Ocean Measurements. Vol. 4. 1988	E only

(continued)

No.	Title	Languages
34	Bruun Memorial Lectures, 1987: Recent Advances in Selected Areas of Ocean Sciences in the Regions of the Caribbean, Indian Ocean and the Western Pacific. 1988	Composite E, F, S
35	Global Sea-Level Observing System (GLOSS) Implementation Plan. 1990	E only
36	Bruun Memorial Lectures 1989: Impact of New Technology on Marine Scientific Research. 1991	Composite E, F, S
37	Tsunami Glossary - A Glossary of Terms and Acronyms Used in the Tsunami Literature. 1991	E only
38	The Oceans and Climate: A Guide to Present Needs. 1991	E only
39	Bruun Memorial Lectures, 1991: Modelling and Prediction in Marine Science. 1992	E only
40	Oceanic Interdecadal Climate Variability. 1992	E only
41	Marine Debris: Solid Waste Management Action for the Wider Caribbean. 1994	E only
42	Calculation of New Depth Equations for Expendable Bathymerographs Using a Temperature-Error-Free Method (Application to Sippican/TSK T-7, T-6 and T-4 XBTS. 1994	E only
43	IGOSS Plan and Implementation Programme 1996-2003. 1996	E, F, S, R
44	Design and Implementation of some Harmful Algal Monitoring Systems. 1996	E only
45	Use of Standards and Reference Materials in the Measurement of Chlorinated Hydrocarbon Residues. 1996	E only
46	Equatorial Segment of the Mid-Atlantic Ridge. 1996	E only
47	Peace in the Oceans: Ocean Governance and the Agenda for Peace; the Proceedings of *Pacem in Maribus* XXIII, Costa Rica, 1995. 1997	E only
48	Neotectonics and fluid flow through seafloor sediments in the Eastern Mediterranean and Black Seas - Parts I and II. 1997	E only
49	Global Temperature Salinity Profile Programme: Overview and Future. 1998	E only
50	Global Sea-Level Observing System (GLOSS) Implementation Plan-1997. 1997	E only
51	L'état actuel de 1'exploitation des pêcheries maritimes au Cameroun et leur gestion intégrée dans la sous-région du Golfe de Guinée *(cancelled)*	F only
52	Cold water carbonate mounds and sediment transport on the Northeast Atlantic Margin. 1998	E only
53	The Baltic Floating University: Training Through Research in the Baltic, Barents and White Seas - 1997. 1998	E only
54	Geological Processes on the Northeast Atlantic Margin (8^{th} training-through-research cruise, June-August 1998). 1999	E only
55	Bruun Memorial Lectures, 1999: Ocean Predictability. 2000	E only
56	Multidisciplinary Study of Geological Processes on the North East Atlantic and Western Mediterranean Margins (9^{th} training-through-research cruise, June-July 1999). 2000	E only
57	Ad hoc Benthic Indicator Group - Results of Initial Planning Meeting, Paris, France, 6-9 December 1999. 2000	E only
58	Bruun Memorial Lectures, 2001: Operational Oceanography – a perspective from the private sector. 2001	E only
59	Monitoring and Management Strategies for Harmful Algal Blooms in Coastal Waters. 2001	E only
60	Interdisciplinary Approaches to Geoscience on the North East Atlantic Margin and Mid-Atlantic Ridge (10^{th} training-through-research cruise, July-August 2000). 2001	E only
61	Forecasting Ocean Science? Pros and Cons, Potsdam Lecture, 1999. 2002	E only

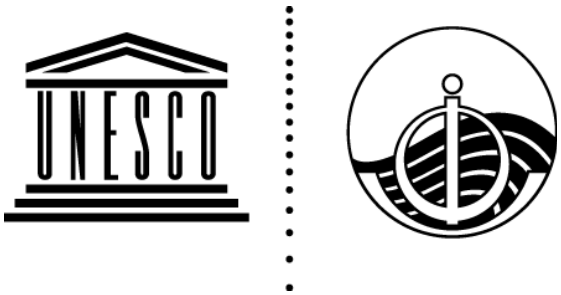
No.	Title	Languages
62	Geological Processes in the Mediterranean and Black Seas and North East Atlantic (11th training-through-research cruise, July- September 2001). 2002	E only
63	Improved Global Bathymetry – Final Report of SCOR Working Group 107. 2002	E only
64	R. Revelle Memorial Lecture, 2006: Global Sea Levels, Past, Present and Future. 2007	E only
65	Bruun Memorial Lectures, 2003: Gas Hydrates – a potential source of energy from the oceans. 2003	E only
66	Bruun Memorial Lectures, 2003: Energy from the Sea: the potential and realities of Ocean Thermal Energy Conversion (OTEC). 2003	E only
67	Interdisciplinary Geoscience Research on the North East Atlantic Margin, Mediterranean Sea and Mid-Atlantic Ridge (12th training-through-research cruise, June-August 2002). 2003	E only
68	Interdisciplinary Studies of North Atlantic and Labrador Sea Margin Architecture and Sedimentary Processes (13th training-through-research cruise, July-September 2003). 2004	E only
69	Biodiversity and Distribution of the Megafauna / Biodiversité et distribution de la mégafaune. 2006 Vol.1 The polymetallic nodule ecosystem of the Eastern Equatorial Pacific Ocean / Ecosystème de nodules polymétalliques de l'océan Pacifique Est équatorial Vol.2 Annotated photographic Atlas of the echinoderms of the Clarion-Clipperton fracture zone / Atlas photographique annoté des échinodermes de la zone de fractures de Clarion et de Clipperton Vol.3 Options for the management and conservation of the biodiversity — The nodule ecosystem in the Clarion Clipperton fracture zone: scientific, legal and institutional aspects	E F
70	Interdisciplinary geoscience studies of the Gulf of Cadiz and Western Mediterranean Basin (14th training-through-research cruise, July-September 2004). 2006	E only
71	Indian Ocean Tsunami Warning and Mitigation System, IOTWS. Implementation Plan, 7–9 April 2009 (2nd Revision). 2009	E only
72	Deep-water Cold Seeps, Sedimentary Environments and Ecosystems of the Black and Tyrrhenian Seas and the Gulf of Cadiz (15th training-through-research cruise, June–August 2005). 2007	E only
73	Implementation Plan for the Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas (NEAMTWS), 2007–2011. 2007 *(electronic only)*	E only
74	Bruun Memorial Lectures, 2005: The Ecology and Oceanography of Harmful Algal Blooms – Multidisciplinary approaches to research and management. 2007	E only
75	National Ocean Policy. The Basic Texts from: Australia, Brazil, Canada, China, Colombia, Japan, Norway, Portugal, Russian Federation, United States of America. (Also Law of Sea Dossier 1). 2008	E only
76	Deep-water Depositional Systems and Cold Seeps of the Western Mediterranean, Gulf of Cadiz and Norwegian Continental margins (16th training-through-research cruise, May–July 2006). 2008	E only
77	Indian Ocean Tsunami Warning and Mitigation System (IOTWS) – 12 September 2007 Indian Ocean Tsunami Event. Post-Event Assessment of IOTWS Performance. 2008	E only
78	Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (CARIBE EWS) – Implementation Plan 2008. 2008	E only

(continued)

No.	Title	Languages
79	Filling Gaps in Large Marine Ecosystem Nitrogen Loadings Forecast for 64 LMEs – GEF/LME global project Promoting Ecosystem-based Approaches to Fisheries Conservation and Large Marine Ecosystems. 2008	E only
80	Models of the World's Large Marine Ecosystems. GEF/LME Global Project Promoting Ecosystem-based Approaches to Fisheries Conservation and Large Marine Ecosystems. 2008	E only
81	Indian Ocean Tsunami Warning and Mitigation System (IOTWS) – Implementation Plan for Regional Tsunami Watch Providers (RTWP). 2008	E only
82	Exercise Pacific Wave 08 – A Pacific-wide Tsunami Warning and Communication Exercise, 28–30 October 2008. 2008	E only
83.	*Cancelled*	
84.	Global Open Oceans and Deep Seabed (GOODS) Bio-geographic Classification. 2009	E only
85.	Tsunami Glossary	E, F, S
86	Pacific Tsunami Warning System (PTWS) Implementation Plan *(under preparation)*	
87.	Operational Users Guide for the Pacific Tsunami Warning and Mitigation System (PTWS) – Second Edition. 2011	E only
88.	Exercise Indian Ocean Wave 2009 (IOWave09) – An Indian Ocean-wide Tsunami Warning and Communication Exercise – 14 October 2009. 2009	E only
89.	Ship-based Repeat Hydrography: A Strategy for a Sustained Global Programme. 2009	E only
90.	12 January 2010 Haiti Earthquake and Tsunami Event Post-Event Assessment of CARIBE EWS Performance. 2010	E only
91.	Compendium of Definitions and Terminology on Hazards, Disasters, Vulnerability and Risks in a coastal context	*Under preparation*
92.	27 February 2010 Chile Earthquake and Tsunami Event – Post-Event Assessment of PTWS Performance (Pacific Tsunami Warning System). 2010	E only
93.	Exercise CARIBE WAVE 11 / LANTEX 11—A Caribbean Tsunami Warning Exercise, 23 March 2011	
	Vol. 1 Participant Handbook / Exercise CARIBE WAVE 11 —Exercice d'alerte au tsunami dans les Caraïbes, 23 mars 2011. Manuel du participant / Ejercicio Caribe Wave 11. Un ejercicio de alerta de tsunami en el Caribe, 23 de marzo de 2011. Manual del participante. 2010	E/F/S
	Vol. 2 Report. 2011	E only
	Vol. 3 Supplement: Media Reports. 2011	E/F/S
94.	Cold seeps, coral mounds and deep-water depositional systems of the Alboran Sea, Gulf of Cadiz and Norwegian continental margin (17th training-through-research cruise, June–July 2008)	*Under preparation*
95.	International Post-Tsunami Survey for the 25 October 2010 Mentawai, Indonesia Tsunami	*Under preparation*
96.	Pacific Tsunami Warning System (PTWS) 11 March 2011 Off Pacific coast of Tohoku, Japan, Earthquake and Tsunami Event. Post-Event Assessment of PTWS Performance	*Under preparation*
97.	Exercise PACIFIC WAVE 11: A Pacific-wide Tsunami Warning and Communication Exercise, 9–10 November 2011	
	Vol. 1 Exercise Manual. 2011	E only
	Vol. 2 Report. 2013	E only
98.	Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and connected seas. First Enlarged Communication Test Exercise (ECTE1). Exercise Manual and Evaluation Report. 2011	E only

No.	Title	Languages
99.	Exercise INDIAN OCEAN WAVE 2011 – An Indian Ocean-wide Tsunami Warning and Communication Exercise, 12 October 2011 Vol. 1 Exercise Manual. 2011 Supplement: Bulletins from the Regional Tsunami Service Providers Vol. 2 Exercise Report. 2013	E only
100.	Global Sea Level Observing System (GLOSS) Implementation Plan – 2012. 2012	E only
101.	Exercise Caribe Wave/Lantex 13. A Caribbean Tsunami Warning Exercise, 20 March 2013. Volume 1: Participant Handbook. 2012	E only
102.	*(In preparation)*	
103.	Exercise NEAMWAVE 12. A Tsunami Warning and Communication Exercise for the North-eastern Atlantic, the Mediterranean, and Connected Seas Region, 27–28 November 2012, Volume I: Exercise Manual. 2012	E only
104.	Seísmo y tsunami del 27 de agosto de 2012 en la costa del Pacífico frente a El Salvador, y seísmo del 5 de septiembre de 2012 en la costa del Pacífico frente a Costa Rica. Evaluación subsiguiente sobre el funcionamiento del Sistema de Alerta contra los Tsunamis y Atenuación de sus Efectos en el Pacífico. 2012	Español solamente (resumen en inglés y francés)
105.	Users Guide for the Pacific Tsunami Warning Center Enhanced Products for the Pacific Tsunami Warning System. 2013	E, S
106.	Exercise Pacific Wave 13. A Pacific-wide Tsunami Warning and Enhanced Products Exercise, 1–14 May 2013. Vol. 1 Exercise Manual. 2013	E only

Intergovernmental Oceanographic Commission
Technical Series
99



EXERCISE
INDIAN OCEAN WAVE 2011
An Indian Ocean-wide Tsunami Warning and Communications Exercise

12 October 2011

Volume 1 Supplement

UNESCO

Intergovernmental Oceanographic Commission
Technical Series

99

EXERCISE
INDIAN OCEAN WAVE 2011
An Indian Ocean-wide Tsunami Warning and Communications Exercise

12 October 2011

Volume 1 Supplement

Tsunami Bulletins
from Regional Tsunami Service Providers

UNESCO 2013

IOC Technical Series, 99 Vol.1 Suppl.
Paris, August 2013
English only

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariats of UNESCO and IOC concerning the legal status of any country or territory, or its authorities, or concerning the delimitation of the frontiers of any country or territory.

For bibliographic purposes, this document should be cited as follows:

Intergovernmental Oceanographic Commission. 2011. *Exercise Indian Ocean Wave 2011: An Indian Ocean-wide Tsunami Warning and Communication Exercise, 12 October 2011*. Volume 1: Exercise Manual and Supplement: *Tsunami Bulletins from Regional Tsunami Service Providers*. IOC Technical Series No. 99, Vol.1, Suppl. UNESCO.

Prepared by the IOWave11 Task Team
for the Intergovernmental Coordination Group
for the Indian Ocean Tsunami Warning and Mitigation System.

© UNESCO 2013

(IOC/2013/TS/99Vol.1 Suppl.)

TABLE OF CONTENTS

Page

1. InaTEWS BULLETINS 1
[Indonesian Tsunami Early Warning System (InaTEWS)]

BULLETIN 1 1
BULLETIN 2 2
BULLETIN 3 6
BULLETIN 4 11
BULLETIN 5 16
BULLETIN 6 21
BULLETIN 7 26
BULLETIN 8 31
BULLETIN 9 36
BULLETIN 10 41
BULLETIN 11 46
BULLETIN 12 51

2. ITEWS BULLETINS 53
[Indian Tsunami Early Warning System (ITEWS)]

IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O1 53
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O2 54
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O3 64
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O4 76
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O5 88
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O6 100
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O7 113
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O8 125
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O9 138
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 10 150
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 11 163
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 12 175
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 13 188
IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 14 201
IOWAVE11 TEST ITEWC FINAL BULLETIN 213

3. JATWC BULLETINS 216
[Joint Australian Tsunami Warning Centre (JATWC)]

BULLETIN NUMBER 1 216
BULLETIN NUMBER 2 217

BULLETIN NUMBER 3 219
BULLETIN NUMBER 4 220
BULLETIN NUMBER 5 231
BULLETIN NUMBER 6 241
BULLETIN NUMBER 7 252
BULLETIN NUMBER 8 263
BULLETIN NUMBER 9 274
BULLETIN NUMBER 10 284
BULLETIN NUMBER 11 295
BULLETIN NUMBER 12 306
BULLETIN NUMBER 13 317
BULLETIN NUMBER 14 328

4. RIMES BULLETINS 331
[Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES)]
BULLETIN NUMBER 001 331
BULLETIN NUMBER 002 332
BULLETIN NUMBER 003 338
BULLETIN NUMBER 004 344
BULLETIN NUMBER 005 350
BULLETIN NUMBER 006 356
BULLETIN NUMBER 007 362
BULLETIN NUMBER 008 368
BULLETIN NUMBER 009 374
BULLETIN NUMBER 010 380
BULLETIN NUMBER 011 386
BULLETIN NUMBER 012 392

1. INATEWS BULLETINS

BULLETIN 1

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-001

TSUNAMI BULLETIN NUMBER 1
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0105 UTC Wednesday 12 October 2011

... EARTHQUAKE INFORMATION BULLETIN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following preliminary information:

Magnitude: 8.8 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
RTSP INDONESIA is evaluating this earthquake to determine if a tsunami has been generated.

Further information on this event will be available at:
http://rtsp.bmkg.gov.id

3. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

4. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

5. CONTACT INFORMATION

Indonesia Tsunami Early Warning System (InaTEWS)

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 2

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-002

TSUNAMI BULLETIN NUMBER 2
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0110 UTC Wednesday 12 October 2011

... POTENTIAL TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 8.8 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0050 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Earthquakes of this size are capable of generating tsunamis. However, so far there is no confirmation about the triggering of a tsunami.

An investigation is under way to determine if a tsunami has been triggered. This RTSP will monitor sea level gauges and report if any tsunami wave activity has occurred.

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave

amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m

NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m

JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		

AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m

THAILAND

KO RACHA	0311z 12 Oct 2011	1.5 m
PHUKET	0315z 12 Oct 2011	1.5 m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 3

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-003

TSUNAMI BULLETIN NUMBER 3
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0145 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		

INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m

INDONESIA

SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m

NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m

MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m
THAILAND		
KO RACHA	0311z 12 Oct 2011	1.5 m
PHUKET	0315z 12 Oct 2011	1.5 m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/

RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 4

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-004

TSUNAMI BULLETIN NUMBER 4
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0245 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m

Meulaboh 4.32N 96.22E 0127Z 12 Oct 2011 11.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m

NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m

SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m

SOMALIA
EYL 0843z 12 Oct 2011 1.4 m
UARSCIECH 1109z 12 Oct 2011 1.4 m
MUQDISHO 1113z 12 Oct 2011 0.8 m
HAFUN 1153z 12 Oct 2011 1.4 m

SRI LANKA
AMPARA 0317z 12 Oct 2011 1.7 m
TRINCOMALEE 0322z 12 Oct 2011 2.2 m
HAMBANTOTA 0325z 12 Oct 2011 2.0 m
MULLAITIVU 0329z 12 Oct 2011 1.3 m
KILINOCHCHI 0338z 12 Oct 2011 1.0 m
GALLE 0437z 12 Oct 2011 1.6 m
COLOMBO DISTRICT; KALUTARA 0516z 12 Oct 2011 1.3 m
GAMPAHA 1335z 12 Oct 2011 1.2 m

THAILAND
KO RACHA 0311z 12 Oct 2011 1.5 m
PHUKET 0315z 12 Oct 2011 1.5 m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 5

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-005

TSUNAMI BULLETIN NUMBER 5
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0345 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m

NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m

LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m
THAILAND		

KO RACHA 0311z 12 Oct 2011 1.5 m
PHUKET 0315z 12 Oct 2011 1.5 m 4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 6

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-006

TSUNAMI BULLETIN NUMBER 6
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0445 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m

SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m

BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m

THAILAND
KO RACHA 0311z 12 Oct 2011 1.5 m
PHUKET 0315z 12 Oct 2011 1.5 m 4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 7

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-007

TSUNAMI BULLETIN NUMBER 7
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0545 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m
Sibolga	1.73N	98.80E	0241Z	12 Oct 2011	2.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. AUSTRALIA

CARNARVON TO KALBARRI	AUSTRALIA
CARNARVON TO KALBARRI	0637z 12 Oct 2011 1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011 0.9 m
BRITISH INDIAN OCEAN TERRITORY	
DIEGO GARCIA	0440z 12 Oct 2011 2.2 m
MORESBY ISLAND	0441z 12 Oct 2011 2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011 2.6 m
INDIA	
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011 4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011 3.1 m
NICOBAR	0215z 12 Oct 2011 1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011 1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011 2.3 m
PORT BLAIR	0307z 12 Oct 2011 1.8 m
KANCHIPURAM	0429z 12 Oct 2011 2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011 1.5 m
KANYAKUMARI	0458z 12 Oct 2011 1.6 m
GANJAM	0500z 12 Oct 2011 1.3 m
FLAT ISLAND	0501z 12 Oct 2011 1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011 1.4 m
NELLORE	0620z 12 Oct 2011 1.2 m
SRIKAKULAM	0733z 12 Oct 2011 1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011 1.1 m
KOLLAM	0743z 12 Oct 2011 1.2 m
PURI	0751z 12 Oct 2011 1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011 1.5 m
INDONESIA	
SUMUT NIAS T	0111z 12 Oct 2011 3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011 4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011 9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011 3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011 6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011 3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011 7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011 12.5 m
SUMUT NIAS B	0121z 12 Oct 2011 4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011 4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011 9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011 11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011 13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011 4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011 5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011 4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011 4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011 3.5 m

SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m

BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m

THAILAND
KO RACHA 0311z 12 Oct 2011 1.5 m
PHUKET 0315z 12 Oct 2011 1.5 m 4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 8

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-008

TSUNAMI BULLETIN NUMBER 8
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0645 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m
Sibolga	1.73N	98.80E	0241Z	12 Oct 2011	2.0m
Padang	0.95S	100.37E	0241Z	12 Oct 2011	1.1m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m

SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m

BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m

THAILAND
KO RACHA 0311z 12 Oct 2011 1.5 m
PHUKET 0315z 12 Oct 2011 1.5 m 4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 9

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-009

TSUNAMI BULLETIN NUMBER 9
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0745 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m
Sibolga	1.73N	98.80E	0241Z	12 Oct 2011	2.0m
Padang	0.95S	100.37E	0241Z	12 Oct 2011	1.1m
Chennai	13.10N	80.30E	0314Z	12 Oct 2011	4.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m

SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m

BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m

GAMPAHA 1335z 12 Oct 2011 1.2 m

THAILAND
KO RACHA 0311z 12 Oct 2011 1.5 m
PHUKET 0315z 12 Oct 2011 1.5 m 4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 10

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-010

TSUNAMI BULLETIN NUMBER 10
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 0945 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m
Sibolga	1.73N	98.80E	0241Z	12 Oct 2011	2.0m
Padang	0.95S	100.37E	0241Z	12 Oct 2011	1.1m
Chennai	13.10N	80.30E	0314Z	12 Oct 2011	4.0m
Pondicherry	11.76N	79.79E	0310Z	12 Oct 2011	4.3m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m
SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m

NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m
JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m

BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m
KILINOCHCHI	0338z 12 Oct 2011	1.0 m

GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m
THAILAND		
KO RACHA	0311z 12 Oct 2011	1.5 m
PHUKET	0315z 12 Oct 2011	1.5 m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 11

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-011

TSUNAMI BULLETIN NUMBER 11
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 1145 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m
Sibolga	1.73N	98.80E	0241Z	12 Oct 2011	2.0m
Padang	0.95S	100.37E	0241Z	12 Oct 2011	1.1m
Chennai	13.10N	80.30E	0314Z	12 Oct 2011	4.0m
Pondicherry	11.76N	79.79E	0310Z	12 Oct 2011	4.3m
Tuticorin	8.75N	78.21E	0350Z	12 Oct 2011	3.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the

earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
CARNARVON TO KALBARRI	0637z 12 Oct 2011	1.5 m
KALBARRI TO JURIEN BAY	1148z 12 Oct 2011	0.9 m
BRITISH INDIAN OCEAN TERRITORY		
DIEGO GARCIA	0440z 12 Oct 2011	2.2 m
MORESBY ISLAND	0441z 12 Oct 2011	2.7 m
NW EGMONT ISLAND	0503z 12 Oct 2011	2.6 m
INDIA		
INDIRA POINT GREAT & LITTLE NICO	0137z 12 Oct 2011	4.8 m
KOMATRA & KATCHAL ISLAND	0200z 12 Oct 2011	3.1 m
NICOBAR	0215z 12 Oct 2011	1.7 m
LITTLE ANDAMAN	0239z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0304z 12 Oct 2011	2.3 m
PORT BLAIR	0307z 12 Oct 2011	1.8 m
KANCHIPURAM	0429z 12 Oct 2011	2.3 m
EAST & WEST GODAVARI	0438z 12 Oct 2011	1.5 m
KANYAKUMARI	0458z 12 Oct 2011	1.6 m
GANJAM	0500z 12 Oct 2011	1.3 m
FLAT ISLAND	0501z 12 Oct 2011	1.2 m
CUDDALORE; PONDICHERRY; VILLUPUR	0539z 12 Oct 2011	1.4 m
NELLORE	0620z 12 Oct 2011	1.2 m
SRIKAKULAM	0733z 12 Oct 2011	1.3 m
PRAKASAM; GUNTUR	0735z 12 Oct 2011	1.1 m
KOLLAM	0743z 12 Oct 2011	1.2 m
PURI	0751z 12 Oct 2011	1.7 m
VISAKHAPATNAM; VIZIANAGARAM	1116z 12 Oct 2011	1.5 m
INDONESIA		
SUMUT NIAS T	0111z 12 Oct 2011	3.4 m
NAD ACEH-SINGKIL	0112z 12 Oct 2011	4.6 m
NAD ACEH-BARAT-DAYA	0113z 12 Oct 2011	9.1 m
SUMUT NIAS-SELATAN P.NIAS	0115z 12 Oct 2011	3.9 m
NAD ACEH-SELATAN U	0115z 12 Oct 2011	6.9 m
NAD ACEH-SINGKIL KEP.BANYAK	0117z 12 Oct 2011	3.5 m
NAD ACEH-SELATAN S	0119z 12 Oct 2011	7.7 m
NAD ACEH-JAYA	0120z 12 Oct 2011	12.5 m
SUMUT NIAS B	0121z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.TANAHMASA	0121z 12 Oct 2011	4.6 m
NAD ACEH-BESAR B	0121z 12 Oct 2011	9.2 m
NAD NAGAN-RAYA	0127z 12 Oct 2011	11.0 m
NAD ACEH-BARAT	0127z 12 Oct 2011	13.1 m
NAD KOTA-BANDA-ACEH	0127z 12 Oct 2011	4.0 m

SUMUT NIAS-SELATAN P.TANABALA	0129z 12 Oct 2011	5.4 m
NAD ACEH-BESAR P.BREUEH	0129z 12 Oct 2011	4.2 m
NAD ACEH-BESAR P.PENASI	0133z 12 Oct 2011	4.0 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0137z 12 Oct 2011	3.5 m
SUMUT TAPANULI-TENGAH U	0138z 12 Oct 2011	3.6 m
SUMUT TAPANULI-TENGAH KEP.MURSAL	0138z 12 Oct 2011	2.9 m
NAD KOTA-SABANG P.WEH	0143z 12 Oct 2011	3.0 m
SUMUT MANDAILING-NATAL U	0146z 12 Oct 2011	4.2 m
SUMUT NIAS-SELATAN P.PINI	0148z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI P.SIPO	0154z 12 Oct 2011	1.9 m
SUMUT TAPANULI-TENGAH S	0201z 12 Oct 2011	3.2 m
SUMBAR KEPULAUAN-MENTAWAI KEP.PA	0201z 12 Oct 2011	2.7 m
NAD ACEH-BESAR U	0203z 12 Oct 2011	3.3 m
NAD PIDIE	0203z 12 Oct 2011	1.2 m
SUMUT TAPANULI-SELATAN	0204z 12 Oct 2011	2.2 m
SUMUT KOTA-SIBOLGA	0217z 12 Oct 2011	3.4 m
NAD BIREUEN	0218z 12 Oct 2011	1.4 m
NAD ACEH-UTARA B	0226z 12 Oct 2011	0.8 m
NAD KOTA-LHOKSEUMAWE	0241z 12 Oct 2011	0.8 m
NAD ACEH-UTARA T	0242z 12 Oct 2011	1.5 m
SUMUT MANDAILING-NATAL S	0243z 12 Oct 2011	3.6 m
NAD ACEH-TIMUR	0253z 12 Oct 2011	1.0 m
SUMBAR PASAMAN-BARAT	0256z 12 Oct 2011	2.6 m
BENGKULU SELUMA	0305z 12 Oct 2011	2.5 m
BENGKULU KAUR	0306z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-UTARA U	0309z 12 Oct 2011	1.6 m
BENGKULU BENGKULU-SELATAN	0309z 12 Oct 2011	2.5 m
BENGKULU MUKOMUKO	0309z 12 Oct 2011	2.3 m
SUMBAR KEPULAUAN-MENTAWAI P.SIBE	0309z 12 Oct 2011	1.1 m
BENGKULU KOTA-BENGKULU PANTAI-PA	0310z 12 Oct 2011	1.5 m
LAMPUNG LAMPUNG-BARAT PESISIR-UT	0310z 12 Oct 2011	1.2 m
LAMPUNG LAMPUNG-BARAT PESISIR-SE	0312z 12 Oct 2011	3.8 m
BENGKULU BENGKULU-UTARA S	0313z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS B	0326z 12 Oct 2011	2.2 m
BENGKULU BENGKULU-UTARA P.ENGGAN	0334z 12 Oct 2011	1.1 m
BANTEN PANDEGLANG S	0339z 12 Oct 2011	1.9 m
SUMBAR KOTA-PADANG U	0340z 12 Oct 2011	2.0 m
SUMBAR PADANG-PARIAMAN S	0340z 12 Oct 2011	1.5 m
SUMBAR KOTA-PARIAMAN	0342z 12 Oct 2011	1.5 m
SUMBAR PADANG-PARIAMAN U	0342z 12 Oct 2011	1.6 m
SUMBAR KOTA-PADANG S	0342z 12 Oct 2011	2.0 m
LAMPUNG TANGGAMUS T	0344z 12 Oct 2011	2.8 m
SUMBAR AGAM	0345z 12 Oct 2011	1.7 m
SUMBAR PESISIR-SELATAN U	0346z 12 Oct 2011	2.5 m
BANTEN PANDEGLANG U	0408z 12 Oct 2011	1.8 m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0411z 12 Oct 2011	1.8 m
SUMBAR PESISIR-SELATAN S	0415z 12 Oct 2011	2.4 m
JABAR SUKABUMI PELABUHAN-RATU	0429z 12 Oct 2011	1.5 m
LAMPUNG KOTA-BANDAR-LAMPUNG PANT	0430z 12 Oct 2011	1.6 m
LAMPUNG TANGGAMUS P.TABUAN	0510z 12 Oct 2011	0.9 m
JABAR CIAMIS	0518z 12 Oct 2011	1.8 m
JATENG KEBUMEN	0532z 12 Oct 2011	1.3 m
JATIM TRENGGALEK	0542z 12 Oct 2011	1.4 m
JATENG CILACAP	0559z 12 Oct 2011	2.2 m
JATIM JEMBER	0609z 12 Oct 2011	0.8 m

JATIM JEMBER P.NUSABARUNG	0609z 12 Oct 2011	0.9 m
BANTEN SERANG B	0619z 12 Oct 2011	0.8 m
JATIM BANYUWANGI T	0703z 12 Oct 2011	1.5 m
BALI JEMBRANA	0703z 12 Oct 2011	1.5 m
BALI BULELENG B	0708z 12 Oct 2011	1.2 m
BANTEN LEBAK	0709z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN B	0713z 12 Oct 2011	1.3 m
LAMPUNG LAMPUNG-SELATAN KEP.SEBU	0719z 12 Oct 2011	0.6 m
NTT KUPANG	1505z 12 Oct 2011	0.9 m
JATIM TULUNGAGUNG	1506z 12 Oct 2011	0.8 m
JATENG PURWOREJO	1604z 12 Oct 2011	0.9 m
NTT SUMBA B	1619z 12 Oct 2011	1.1 m
MADAGASCAR		
AMPONDRABE	0946z 12 Oct 2011	1.1 m
TOLANARO	1031z 12 Oct 2011	1.0 m
BELOHA	1035z 12 Oct 2011	1.1 m
MALAYSIA		
PULAU LANGKAWI	0443z 12 Oct 2011	1.1 m
BAGAN AYER ITAM	0537z 12 Oct 2011	0.7 m
MALDIVES		
GAN	0424z 12 Oct 2011	0.7 m
DIYAGLI	0424z 12 Oct 2011	0.8 m
KOLUFURI	0426z 12 Oct 2011	0.9 m
MALE	0426z 12 Oct 2011	1.7 m
MAURITIUS		
LA FERME	0648z 12 Oct 2011	4.5 m
CARGADOS CARAJOS	0721z 12 Oct 2011	2.6 m
GRANDE REVIERE SUD EST	0742z 12 Oct 2011	1.3 m
MYANMAR		
KAINGHAUNG ISLAND	0527z 12 Oct 2011	1.2 m
REUNION		
SAINT - JOSEPH	0846z 12 Oct 2011	0.9 m
SEYCHELLES		
FREGATE ISLAND	0811z 12 Oct 2011	1.0 m
TAKAMAKA	0830z 12 Oct 2011	1.1 m
ILE DESROCHES	1117z 12 Oct 2011	0.6 m
SOMALIA		
EYL	0843z 12 Oct 2011	1.4 m
UARSCIECH	1109z 12 Oct 2011	1.4 m
MUQDISHO	1113z 12 Oct 2011	0.8 m
HAFUN	1153z 12 Oct 2011	1.4 m
SRI LANKA		
AMPARA	0317z 12 Oct 2011	1.7 m
TRINCOMALEE	0322z 12 Oct 2011	2.2 m
HAMBANTOTA	0325z 12 Oct 2011	2.0 m
MULLAITIVU	0329z 12 Oct 2011	1.3 m

KILINOCHCHI	0338z 12 Oct 2011	1.0 m
GALLE	0437z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0516z 12 Oct 2011	1.3 m
GAMPAHA	1335z 12 Oct 2011	1.2 m

THAILAND

KO RACHA	0311z 12 Oct 2011	1.5 m
PHUKET	0315z 12 Oct 2011	1.5 m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP INDONESIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN 12

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP-InaTEWS-20111012-0100-012

TSUNAMI BULLETIN NUMBER 12
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)
issued at 1300 UTC Wednesday 12 October 2011

... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION
RTSP INDONESIA has detected an earthquake with the following details:

Magnitude: 9.2 Mwp
Depth: 10km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.30N
Longitude: 95.96E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Data from sea-level gauges confirmed that a tsunami was generated.

The expected period of significant tsunami waves is now over for all threatened Indian Ocean countries, based on RTSP INDONESIA modelling.

Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS
Listed below are maximum wave amplitudes recorded at the specified locations. Note that wave amplitude is measured relative to normal sea level; it is NOT the crest-to-trough wave height.

LOCATION	LAT	LON	TIME	DATE	AMPL
CampbellBay	6.90N	93.74E	0104z	12 Oct 2011	11.0m
Nancowry	7.96N	93.53E	0115z	12 Oct 2011	10.0m
Sabang	5.83N	95.33E	0126Z	12 Oct 2011	9.0m
Meulaboh	4.32N	96.22E	0127Z	12 Oct 2011	11.0m
Telukdalam	0.55N	97.82E	0151Z	12 Oct 2011	3.4m
Portblair	11.66N	92.76E	0157Z	12 Oct 2011	6.0m
AerialBay	13.55N	92.98E	0232Z	12 Oct 2011	1.0m
Sibolga	1.73N	98.80E	0241Z	12 Oct 2011	2.0m
Padang	0.95S	100.37E	0241Z	12 Oct 2011	1.1m
Chennai	13.10N	80.30E	0314Z	12 Oct 2011	4.0m
Pondicherry	11.76N	79.79E	0310Z	12 Oct 2011	4.3m
Tuticorin	8.75N	78.21E	0350Z	12 Oct 2011	3.0m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
No further bulletins will be issued by RTSP INDONESIA for this event unless additrional information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp/
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
Indonesia Tsunami Early Warning System (InaTEWS)
METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)
Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720
Tel.: +62 (21) 4246321/6546316
Fax: +62 (21) 6546316/4246703
P.O. Box 3540 Jakarta
Email:inartsp@bmkg.go.id
Website : http://inatews.bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

2. ITEWS BULLETINS

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O1*****

This is a trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-001 (TYPE - I)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 1
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0105 UTC Wednesday 12 October 2011

... EARTHQUAKE INFORMATION BULLETIN...

1. EARTHQUAKE INFORMATION

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA detected an TEST earthquake with the following preliminary information:

Magnitude:	8.2 M
Depth:	10 km
Date:	12 Oct 2011
Origin Time:	01 00 UTC
Latitude:	3.3 N
Longitude:	95.96 E
Location:	NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Earthquakes of this size sometimes have potential to generate Ocean-wide tsunamis that can be destructive along the entire coastline of Indian ocean. Authorities in the region should be aware of this possibility. However, so far there is no confirmation about the triggering of a tsunami. An investigation is under way to determine if a tsunami has been triggered. RTSP INDIA will monitor sea level gauges near epicenter and report if any tsunami wave activity has occurred.

3. ADVICE

This Bulletin is being issued as an advice. Only national/state/local authorities and disaster management offices have the authority to make decisions regarding the official threat status in their coastal area and any action to be taken in response.

4. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp

RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

5. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TESTBULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O2*****

This is an trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-002 (TYPE - II)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 2
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0110 UTC Wednesday 12 October 2011

... POTENTIAL TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 8.8 (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Earthquakes of this size sometimes have potential to generate tsunamis. However, so far there is no confirmation about the triggering of a tsunami. An investigation is under way to determine if a tsunami has been triggered. This RTSP will monitor sea level gauges and report if any tsunami wave activity has occurred.

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0259Z 12 Oct 2011	1.6 m
CHRISTMAS ISLAND (AU)	0342Z 12 Oct 2011	0.5 m
NORTHWEST CAPE TO CARNARVON	0534Z 12 Oct 2011	0.7 m
CAPE PRESTON TO NORTHWEST CAPE	0610Z 12 Oct 2011	0.9 m
CARNARVON TO KALBARRI	0620Z 12 Oct 2011	0.9 m
WALLAL DOWNS TO CAPE PRESTON	0655Z 12 Oct 2011	0.6 m
JURIEN BAY TO MANDURAH	0700Z 12 Oct 2011	0.6 m
KALBARRI TO JURIEN BAY	0701Z 12 Oct 2011	0.9 m
MANDURAH TO CAPE LEEUWIN	0709Z 12 Oct 2011	1.2 m
CAPE LEEUWIN TO BREMER BAY	0735Z 12 Oct 2011	0.6 m

BANGLADESH

COXS BAZAR	0506Z 12 Oct 2011	0.9 m
KUTUBDIA ISLAND	0515Z 12 Oct 2011	0.6 m
BARISAL	0538Z 12 Oct 2011	0.8 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0437Z 12 Oct 2011	1.6 m
DIEGO GARCIA	0441Z 12 Oct 2011	2.3 m
NW EGMONT ISLAND	0457Z 12 Oct 2011	1.5 m

COMOROS

FOMBONI	0933Z 12 Oct 2011	0.6 m
CHEZANI	1001Z 12 Oct 2011	0.8 m

DJIBOUTI

NW ARTA	1105Z 12 Oct 2011	0.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0738Z 12 Oct 2011	1.4 m

INDIA

INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0128Z 12 Oct 2011	4.0 m
KOMATRA & KATCHAL ISLAND	0149Z 12 Oct 2011	3.5 m
NICOBAR	0202Z 12 Oct 2011	2.3 m
LITTLE ANDAMAN	0225Z 12 Oct 2011	2.0 m
PORT BLAIR	0234Z 12 Oct 2011	1.9 m
NORTH SENTINEL ISLAND	0235Z 12 Oct 2011	1.7 m
HAVELOCK	0239Z 12 Oct 2011	1.1 m
DIGLIPUR	0254Z 12 Oct 2011	1.0 m
RANGATH BAY	0257Z 12 Oct 2011	1.5 m
WEST & LANDFALL ISLAND	0300Z 12 Oct 2011	1.0 m
FLAT ISLAND	0302Z 12 Oct 2011	1.5 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0345Z 12 Oct 2011	2.0 m
KANCHIPURAM	0353Z 12 Oct 2011	2.6 m
NAGAPATTINAM TO RAMESHWARAM	0356Z 12 Oct 2011	1.6 m
KRISHNA	0400Z 12 Oct 2011	2.2 m
NELLORE	0400Z 12 Oct 2011	1.6 m
CHENNAI; TIRUVALLUR	0401Z 12 Oct 2011	1.6 m
PRAKASAM; GUNTUR	0404Z 12 Oct 2011	1.8 m
EAST & WEST GODAVARI	0405Z 12 Oct 2011	1.7 m
RAMANATHAPURAM SOUTH	0410Z 12 Oct 2011	1.1 m
TUTICORIN	0411Z 12 Oct 2011	1.2 m
VISAKHAPATNAM; VIZIANAGARAM	0418Z 12 Oct 2011	1.9 m
SRIKAKULAM	0418Z 12 Oct 2011	1.7 m
PURI	0421Z 12 Oct 2011	1.3 m
JAGATSINGHAPUR	0424Z 12 Oct 2011	1.4 m
TIRUNELVELI	0426Z 12 Oct 2011	1.4 m
GANJAM	0431Z 12 Oct 2011	1.7 m
KENDRAPARA; BHADRAK; BALESHWAR	0435Z 12 Oct 2011	1.3 m
KOLLAM	0438Z 12 Oct 2011	0.9 m
KANYAKUMARI	0440Z 12 Oct 2011	1.5 m
THIRUVANANTHAPURAM	0440Z 12 Oct 2011	1.1 m
MINICOY	0444Z 12 Oct 2011	0.7 m
ALAPPUZHA	0447Z 12 Oct 2011	1.0 m
ANDROTH	0500Z 12 Oct 2011	0.6 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0507Z 12 Oct 2011	0.8 m
AGATTI	0520Z 12 Oct 2011	0.6 m
KASARAGOD	0634Z 12 Oct 2011	0.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0758Z 12 Oct 2011	0.8 m
UTTAR KANNADA	0816Z 12 Oct 2011	0.9 m
AMINI	0915Z 12 Oct 2011	0.6 m

KANNUR	0920Z 12 Oct 2011	0.8 m
KOZHIKODE	0921Z 12 Oct 2011	0.9 m
UDUPI; DAKSHIN KANNADA	1038Z 12 Oct 2011	0.5 m
SINDHUDURG	1057Z 12 Oct 2011	0.6 m
NORTH & SOUTH GOA	1058Z 12 Oct 2011	0.7 m
RATNAGIRI	1119Z 12 Oct 2011	0.5 m
RAIGAD	1216Z 12 Oct 2011	0.5 m
JAMNAGAR	1228Z 12 Oct 2011	0.5 m

INDONESIA

NAD Simeulue P.Simeulue	0101Z 12 Oct 2011	10.1 m
NAD Aceh-Selatan S	0101Z 12 Oct 2011	9.3 m
NAD Aceh-Singkil Kep.Banyak	0101Z 12 Oct 2011	8.5 m
NAD Aceh-Singkil	0101Z 12 Oct 2011	7.2 m
SUMUT Nias B	0101Z 12 Oct 2011	6.5 m
SUMUT Nias T	0101Z 12 Oct 2011	6.3 m
NAD Aceh-Selatan U	0104Z 12 Oct 2011	9.3 m
NAD Nagan-Raya	0105Z 12 Oct 2011	11.6 m
SUMUT Nias-Selatan P.Nias	0105Z 12 Oct 2011	3.6 m
NAD Aceh-Barat-Daya	0107Z 12 Oct 2011	10.4 m
NAD Aceh-Jaya	0109Z 12 Oct 2011	13.4 m
NAD Aceh-Besar B	0110Z 12 Oct 2011	7.6 m
SUMUT Tapanuli-Tengah U	0112Z 12 Oct 2011	5.0 m
NAD Aceh-Barat	0113Z 12 Oct 2011	10.8 m
NAD Aceh-Besar P.Penasi	0113Z 12 Oct 2011	6.9 m
NAD Aceh-Besar P.Breueh	0114Z 12 Oct 2011	7.6 m
SUMUT Tapanuli-Tengah Kep.Mursala	0115Z 12 Oct 2011	5.7 m
NAD Kota-Banda-Aceh	0116Z 12 Oct 2011	3.9 m
SUMUT Mandailing-Natal U	0118Z 12 Oct 2011	3.0 m
NAD Kota-Sabang P.Rondo	0124Z 12 Oct 2011	3.3 m
SUMUT Nias-Selatan P.Tanahmasa	0126Z 12 Oct 2011	2.7 m
SUMUT Tapanuli-Tengah S	0127Z 12 Oct 2011	5.7 m
SUMUT Nias-Selatan P.Tanabala	0127Z 12 Oct 2011	2.3 m
NAD Kota-Sabang P.Weh	0129Z 12 Oct 2011	2.5 m
SUMUT Tapanuli-Selatan	0134Z 12 Oct 2011	4.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0136Z 12 Oct 2011	1.5 m
NAD Aceh-Besar U	0139Z 12 Oct 2011	1.6 m
SUMUT Nias-Selatan P.Pini	0141Z 12 Oct 2011	2.9 m
NAD Pidie	0144Z 12 Oct 2011	1.6 m
SUMBAR Kepulauan-Mentawai P.Sipora	0148Z 12 Oct 2011	1.4 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0155Z 12 Oct 2011	1.2 m
NAD Bireuen	0201Z 12 Oct 2011	1.8 m
SUMUT Kota-Sibolga	0203Z 12 Oct 2011	4.5 m
NAD Aceh-Utara B	0206Z 12 Oct 2011	1.7 m
NAD Kota-Lhokseumawe	0208Z 12 Oct 2011	1.6 m
NAD Aceh-Utara T	0217Z 12 Oct 2011	2.0 m
BENGKULU Bengkulu-Utara P.Enggano	0235Z 12 Oct 2011	0.8 m
SUMBAR Pasaman-Barat	0236Z 12 Oct 2011	2.6 m
NAD Aceh-Timur	0237Z 12 Oct 2011	1.1 m
BENGKULU Bengkulu-Utara U	0242Z 12 Oct 2011	1.6 m
BENGKULU Mukomuko	0246Z 12 Oct 2011	1.9 m
SUMUT Mandailing-Natal S	0247Z 12 Oct 2011	5.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0250Z 12 Oct 2011	1.1 m
SUMBAR Pesisir-Selatan S	0251Z 12 Oct 2011	1.4 m

BENGKULU Seluma	0251Z 12 Oct 2011	1.1 m
BENGKULU Bengkulu-Utara S	0252Z 12 Oct 2011	1.1 m
BENGKULU Kaur	0254Z 12 Oct 2011	0.9 m
BENGKULU Bengkulu-Selatan	0254Z 12 Oct 2011	0.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0259Z 12 Oct 2011	1.1 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0300Z 12 Oct 2011	1.0 m
BANTEN Pandeglang P.Panaitan	0309Z 12 Oct 2011	0.5 m
BANTEN Pandeglang S	0311Z 12 Oct 2011	0.6 m
LAMPUNG Tanggamus B	0321Z 12 Oct 2011	0.7 m
BANTEN Lebak	0324Z 12 Oct 2011	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	0325Z 12 Oct 2011	0.8 m
SUMBAR Pesisir-Selatan U	0326Z 12 Oct 2011	1.6 m
LAMPUNG Tanggamus T	0326Z 12 Oct 2011	1.3 m
LAMPUNG Lampung-Selatan Kep.Legundi	0326Z 12 Oct 2011	0.9 m
LAMPUNG Tanggamus P.Tabuan	0326Z 12 Oct 2011	0.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0328Z 12 Oct 2011	0.8 m
SUMBAR Kota-Pariaman	0330Z 12 Oct 2011	1.8 m
JABAR Sukabumi Ujung-Genteng	0330Z 12 Oct 2011	0.7 m
SUMBAR Padang-Pariaman S	0332Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kalianda	0332Z 12 Oct 2011	0.8 m
SUMBAR Kota-Padang U	0333Z 12 Oct 2011	1.9 m
SUMBAR Kota-Padang S	0333Z 12 Oct 2011	1.7 m
JABAR Cianjur Sindangbarang	0334Z 12 Oct 2011	0.6 m
SUMBAR Padang-Pariaman U	0336Z 12 Oct 2011	1.6 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0339Z 12 Oct 2011	0.8 m
JABAR Garut	0342Z 12 Oct 2011	0.7 m
SUMBAR Agam	0345Z 12 Oct 2011	1.8 m
JABAR Tasikmalaya	0345Z 12 Oct 2011	0.8 m
NAD Kota-Langsa	0348Z 12 Oct 2011	0.9 m
BANTEN Pandeglang U	0349Z 12 Oct 2011	0.8 m
BANTEN Kota-Cilegon P.Sangiang	0404Z 12 Oct 2011	0.8 m
NAD Aceh-Tamiang	0404Z 12 Oct 2011	0.7 m
BANTEN Serang B	0408Z 12 Oct 2011	1.1 m
JATENG Cilacap	0417Z 12 Oct 2011	0.8 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	0.7 m
DIY Kulon-Progo	0417Z 12 Oct 2011	0.6 m
DIY Bantul	0418Z 12 Oct 2011	0.9 m
DIY Gunung-Kidul	0419Z 12 Oct 2011	0.8 m
JABAR Ciamis	0420Z 12 Oct 2011	0.7 m
JATENG Kebumen	0420Z 12 Oct 2011	0.5 m
JATENG Wonogiri	0427Z 12 Oct 2011	0.7 m
JATIM Pacitan	0427Z 12 Oct 2011	0.7 m
SUMUT Langkat	0431Z 12 Oct 2011	0.6 m
JATIM Trenggalek	0432Z 12 Oct 2011	0.6 m
JATIM Tulungagung	0443Z 12 Oct 2011	0.6 m
SUMUT Kota-Medan	0448Z 12 Oct 2011	0.5 m
SUMUT Deliserdang	0452Z 12 Oct 2011	0.5 m
JATIM Jember	0457Z 12 Oct 2011	0.7 m
BANTEN Kota-Cilegon	0457Z 12 Oct 2011	0.6 m
SUMUT Serdang-Bedagai	0459Z 12 Oct 2011	0.6 m
BALI Jembrana	0519Z 12 Oct 2011	0.6 m
JATIM Banyuwangi T	0520Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0601Z 12 Oct 2011	0.6 m
NTT Lembata S	0643Z 12 Oct 2011	0.6 m
NTB Lombok-Tengah	0726Z 12 Oct 2011	0.6 m

NTB Lombok-Timur S	0745Z 12 Oct 2011	0.6 m
BALI Tabanan	0752Z 12 Oct 2011	0.5 m
BALI Klungkung P.Nusapenida	0753Z 12 Oct 2011	0.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0821Z 12 Oct 2011	1.1 m
NTB Kota-Bima S	0948Z 12 Oct 2011	0.5 m
JATIM Lumajang	1018Z 12 Oct 2011	0.7 m
JATIM Blitar	1103Z 12 Oct 2011	0.6 m
JATIM Malang	1118Z 12 Oct 2011	0.6 m
NTT Sumba B	1121Z 12 Oct 2011	0.6 m
JATIM Jember P.Nusabarung	1122Z 12 Oct 2011	0.6 m
NTB Sumbawa B	1202Z 12 Oct 2011	0.5 m

IRAN

KENYA

KIUNGA MARINE NATIONAL RESERVE	0915Z 12 Oct 2011	0.8 m
KILIFI	0944Z 12 Oct 2011	0.9 m
KIPINI	0948Z 12 Oct 2011	0.7 m
MALINDI	0953Z 12 Oct 2011	0.6 m
MOMBASSA	0958Z 12 Oct 2011	0.5 m
LAMU	1010Z 12 Oct 2011	0.9 m

MADAGASCAR

VOHEMAR	0833Z 12 Oct 2011	0.9 m
VOHEMAR	0833Z 12 Oct 2011	0.8 m
AMPONDRABE	0837Z 12 Oct 2011	1.0 m
MAROANTSETRA	0837Z 12 Oct 2011	0.9 m
SAMBAVA	0845Z 12 Oct 2011	0.7 m
SOANIERANA-IVONGO	0900Z 12 Oct 2011	0.8 m
GLORIOSO ISLANDS	0901Z 12 Oct 2011	0.5 m
AMBINANINONY	0903Z 12 Oct 2011	0.7 m
ANTANANARIVO	0905Z 12 Oct 2011	1.0 m
FENOARIVO ATSINANANA	0905Z 12 Oct 2011	0.8 m
TOAMASINA	0906Z 12 Oct 2011	0.6 m
AMBAHY	0909Z 12 Oct 2011	1.7 m
MANANJARY	0909Z 12 Oct 2011	1.1 m
TOAMASINA AIRPORT	0911Z 12 Oct 2011	0.8 m
ANTSIRANANA	0918Z 12 Oct 2011	1.3 m
ANTSIRANANA	0918Z 12 Oct 2011	1.1 m
VANGAINDRANO	0920Z 12 Oct 2011	2.5 m
TOLANARO	0923Z 12 Oct 2011	1.1 m
TAMPOLO	0935Z 12 Oct 2011	1.2 m
TOLANARO	0935Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0943Z 12 Oct 2011	1.1 m
LAVANONO	0958Z 12 Oct 2011	0.8 m
BELOHA	1024Z 12 Oct 2011	1.0 m
MAROANTSETRA	1122Z 12 Oct 2011	1.1 m
ANTSIRANANA II	1204Z 12 Oct 2011	0.5 m

MALAYSIA

PULAU LANGKAWI	0408Z 12 Oct 2011	1.1 m

SUNGAI PETANI	0426Z 12 Oct 2011	0.9 m
BAGAN AYER ITAM	0502Z 12 Oct 2011	0.9 m
KERIAN	0518Z 12 Oct 2011	0.7 m
MALDIVES		

KOLUFURI	0416Z 12 Oct 2011	2.1 m
DIYAGLI	0417Z 12 Oct 2011	1.7 m
HITADDU	0419Z 12 Oct 2011	2.1 m
MALE	0419Z 12 Oct 2011	2.0 m
GAN	0419Z 12 Oct 2011	1.4 m
WAGARU	0424Z 12 Oct 2011	1.4 m
GOADU	0433Z 12 Oct 2011	1.1 m
MAMIGILI	0434Z 12 Oct 2011	1.2 m
FURADU	0441Z 12 Oct 2011	1.2 m
MAURITIUS		

LA FERME	0647Z 12 Oct 2011	1.4 m
CARGADOS CARAJOS	0720Z 12 Oct 2011	1.3 m
GRANDE REVIERE SUD EST	0733Z 12 Oct 2011	0.9 m
MOZAMBIQUE		

MADANGWA	0956Z 12 Oct 2011	0.9 m
MAGANJA	0957Z 12 Oct 2011	0.7 m
MERONVI	0959Z 12 Oct 2011	0.6 m
INHAMBANE	1124Z 12 Oct 2011	0.6 m
MAGUEMBA	1140Z 12 Oct 2011	0.5 m
MAPUTO	1147Z 12 Oct 2011	0.7 m
XAI-XAI	1200Z 12 Oct 2011	0.7 m
MYANMAR		

THAN KYUN	0258Z 12 Oct 2011	1.5 m
LORD LOUGHBOROUGH ISLAND	0304Z 12 Oct 2011	1.2 m
GREAT WESTERN TORRES ISLAND	0308Z 12 Oct 2011	1.2 m
CLARA ISLAND	0314Z 12 Oct 2011	1.2 m
BAILEY ISLAND	0316Z 12 Oct 2011	1.1 m
LITTLE COCO ISLAND	0316Z 12 Oct 2011	0.9 m
PREPARIS ISLAND	0328Z 12 Oct 2011	0.7 m
TENASSERIM	0350Z 12 Oct 2011	0.6 m
NATHAHU	0402Z 12 Oct 2011	1.1 m
TAZIN	0402Z 12 Oct 2011	0.8 m
KYWEGYAUNG	0406Z 12 Oct 2011	1.2 m
CHEDUBA ISLAND	0409Z 12 Oct 2011	0.9 m
DANI	0409Z 12 Oct 2011	0.8 m
MAWYEN	0411Z 12 Oct 2011	1.3 m
AUK BOK	0422Z 12 Oct 2011	0.9 m
PHARPON	0423Z 12 Oct 2011	0.7 m
ALANDAING	0424Z 12 Oct 2011	0.6 m
KYAUKPYU	0425Z 12 Oct 2011	0.8 m
KAINGHAUNG ISLAND	0428Z 12 Oct 2011	1.2 m
MAGYIGYAING	0429Z 12 Oct 2011	1.0 m
SITTWE	0431Z 12 Oct 2011	1.2 m

THAWINCHAUNG	0436Z 12 Oct 2011	0.9 m
MALI KYUN	0436Z 12 Oct 2011	0.6 m
HEINZE BOK	0445Z 12 Oct 2011	0.7 m
DANI-THAGYA	0452Z 12 Oct 2011	0.6 m

OMAN

KURIA MURIA ISLAND	0807Z 12 Oct 2011	0.5 m
KURIA MURIA ISLAND	0813Z 12 Oct 2011	0.7 m
MIRBAT	0818Z 12 Oct 2011	0.8 m
SALALAH	0821Z 12 Oct 2011	1.0 m
AL SAADA SPORTS COMPLEX	0827Z 12 Oct 2011	0.8 m
MIRBAT	0934Z 12 Oct 2011	0.7 m
SHUWAYR	1511Z 12 Oct 2011	0.5 m
MASIRAH	1522Z 12 Oct 2011	0.5 m

PAKISTAN

REUNION

SAINT - JOSEPH	0756Z 12 Oct 2011	0.9 m

SEYCHELLES

COETIVY ISLAND	0719Z 12 Oct 2011	0.7 m
TAKAMAKA	0721Z 12 Oct 2011	1.1 m
REMIRE ISLAND	0749Z 12 Oct 2011	0.7 m
ILE DESROCHES	0752Z 12 Oct 2011	0.6 m
FREGATE ISLAND	0800Z 12 Oct 2011	1.4 m
ALPHONSE ISLAND	0804Z 12 Oct 2011	0.5 m
ALDABRA	0854Z 12 Oct 2011	0.7 m
PLATTE ISLAND	1216Z 12 Oct 2011	0.6 m

SOMALIA

DARIMOH	0812Z 12 Oct 2011	1.3 m
BANDARBEYLA	0817Z 12 Oct 2011	1.4 m
SOUTHERN HOBYO	0818Z 12 Oct 2011	1.3 m
GALKACYO	0819Z 12 Oct 2011	1.4 m
HAFUN	0820Z 12 Oct 2011	1.3 m
EYL	0823Z 12 Oct 2011	1.6 m
NORTHERN HOBYO	0824Z 12 Oct 2011	1.4 m
HAFUN	0825Z 12 Oct 2011	1.5 m
GALKACYO	0827Z 12 Oct 2011	1.6 m
TOOXIN	0829Z 12 Oct 2011	1.0 m
MAREEG	0831Z 12 Oct 2011	1.1 m
XARARDHEERE	0832Z 12 Oct 2011	1.7 m
CEEL DHEER	0832Z 12 Oct 2011	1.3 m
ITALA	0836Z 12 Oct 2011	1.3 m
UARSCIECH	0838Z 12 Oct 2011	1.1 m
CEELBUUR	0839Z 12 Oct 2011	1.3 m
HURDYO	0844Z 12 Oct 2011	2.6 m
MUQDISHO	0847Z 12 Oct 2011	0.9 m
BARAAWE	0852Z 12 Oct 2011	0.8 m

BANAADIR	0854Z 12 Oct 2011	0.8 m
JILIB	0858Z 12 Oct 2011	1.2 m
LOWER JUBA	0905Z 12 Oct 2011	0.9 m
KISMAAYO	0911Z 12 Oct 2011	1.0 m
KISMAAYO	0912Z 12 Oct 2011	0.6 m
KISMAAYO	0916Z 12 Oct 2011	1.0 m
SAYLAC	1126Z 12 Oct 2011	0.5 m
CAPE GUARDAFUI	1229Z 12 Oct 2011	0.6 m

SOUTH AFRICA

HLUHLUWE	1138Z 12 Oct 2011	1.1 m
ABORETUM	1146Z 12 Oct 2011	0.8 m
THANET	1149Z 12 Oct 2011	0.8 m

SRI LANKA

BATTICALOA	0302Z 12 Oct 2011	2.6 m
HAMBANTOTA	0303Z 12 Oct 2011	2.4 m
AMPARA	0306Z 12 Oct 2011	2.8 m
MATARA	0310Z 12 Oct 2011	1.4 m
MULLAITIVU	0312Z 12 Oct 2011	1.9 m
TRINCOMALEE	0317Z 12 Oct 2011	1.9 m
KILINOCHCHI	0317Z 12 Oct 2011	1.6 m
GALLE	0320Z 12 Oct 2011	1.6 m
COLOMBO DISTRICT; KALUTARA	0335Z 12 Oct 2011	1.3 m
GAMPAHA	0338Z 12 Oct 2011	1.3 m
JAFNA	0353Z 12 Oct 2011	1.6 m
PUTTALAM	0353Z 12 Oct 2011	1.2 m
MANNAR ISLAND	0408Z 12 Oct 2011	1.2 m

TANZANIA

VUMBA	0938Z 12 Oct 2011	0.6 m
KUTANI	0952Z 12 Oct 2011	0.8 m
ZANZIBAR	0954Z 12 Oct 2011	0.7 m
RUVU	0959Z 12 Oct 2011	0.6 m
KINONDONI	1002Z 12 Oct 2011	0.7 m
KILWA MASOKO	1009Z 12 Oct 2011	0.9 m
BOMALANDNI	1011Z 12 Oct 2011	0.6 m
JIMBO	1020Z 12 Oct 2011	0.7 m
GAZIJA	1025Z 12 Oct 2011	0.7 m

THAILAND

PHUKET	0235Z 12 Oct 2011	2.0 m
KO RACHA	0239Z 12 Oct 2011	1.3 m
TAKUA PA	0240Z 12 Oct 2011	1.7 m
KHURA BURI	0301Z 12 Oct 2011	2.0 m
KO LANTA YAI	0318Z 12 Oct 2011	1.2 m
KO RA WI	0329Z 12 Oct 2011	1.3 m

UNITED ARAB EMIRATES

YEMEN

SOCOTRA ISLAND SOUTH	0816Z 12 Oct 2011	1.2 m
AL GHAYDAH AIRPORT	0833Z 12 Oct 2011	0.9 m
SOCOTRA ISLAND NORTH	0840Z 12 Oct 2011	0.7 m
AL QUMRAH	0923Z 12 Oct 2011	0.5 m
SOCOTRA ISLAND WEST	1001Z 12 Oct 2011	0.6 m
HUSWAYN	1020Z 12 Oct 2011	1.0 m
ITAB	1029Z 12 Oct 2011	0.7 m
AL MUKALLA	1050Z 12 Oct 2011	0.5 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O3*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-003 (TYPE - III)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 3
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0141 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY
UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to
exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum
beach wave predicted for the zone. Zones where the estimated wave amplitudes are
less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the
earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m

PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m

SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m

JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m

MANJA	1118Z 12 Oct 2011	0.6 m
MALAYSIA		

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m
MALDIVES		

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m
MAURITIUS		

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m
MOZAMBIQUE		

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m

NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m

LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m

KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m
UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011

Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O4*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-04 (TYPE - III Supplementary 01)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 4
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0200 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY
UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m
FRENCH SOUTHERN AND ANTARCTIC LANDS		

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m
INDIA		

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m

RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m

SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m

JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m

SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m

BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m

NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m

SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m

HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m

RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m

UNITED ARAB EMIRATES

KALBA	0907Z 12 Oct 2011	1.8 m

YEMEN

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:

RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O5*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-05 (TYPE - III Supplementary 02)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 5
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0300 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m

THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m

SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m

SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m

NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m

AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m

YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m

TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m
TANZANIA		

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m
THAILAND		

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m
UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m

QAWAH 1012Z 12 Oct 2011 1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O6*****

This is an trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-06 (TYPE - III Supplementary 03)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 6
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0400 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia) -	12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m

DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m

NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m

BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m

BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m

SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m

BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m
MALDIVES		

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m
MAURITIUS		

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m
MOZAMBIQUE		

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m
MYANMAR		

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m

PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m

LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m

MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m

UNITED ARAB EMIRATES

KALBA	0907Z 12 Oct 2011	1.8 m

YEMEN

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O7*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-07 (TYPE - III Supplementary 04)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 7
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0500 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m

Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m

MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m

SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m

DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m

NTT Belu U	0655Z 12 Oct 2011	0.9 m
IRAN		

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m
KENYA		

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m
MADAGASCAR		

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m

ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m

TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m

TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m

PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m

UNITED ARAB EMIRATES

KALBA	0907Z 12 Oct 2011	1.8 m

YEMEN

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities
and disaster management officers have the authority to make decisions regarding

the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O8*****

This is an trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-08 (TYPE - III Supplementary 05)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 8
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0600 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m

FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m

NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m

LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m

NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m

MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m

SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m

GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m

GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m

UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER O9*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-09 (TYPE - III Supplementary 06)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 9
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0700 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m

Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m

MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m

SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m

DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m

NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m

AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m

DANI-THAGYA	0324Z 12 Oct 2011	5.1 m
OMAN		

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m
PAKISTAN		

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m
REUNION		

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m
SEYCHELLES		

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m
SOMALIA		

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m

JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m
TANZANIA		

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m
THAILAND		

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m
UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 10*****

This is an trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-010 (TYPE - III Supplementary 07)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 10
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0800 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m
Hillarys Harbor (Australia)	-31.8	115.7	0730Z 12 Oct 2011	0.5m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m

PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m

SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m

JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m

MANJA	1118Z 12 Oct 2011	0.6 m
MALAYSIA		

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m
MALDIVES		

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m
MAURITIUS		

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m
MOZAMBIQUE		

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m

NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m

LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m

KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m
UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011

Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 11*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-011 (TYPE - III Supplementary 08)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 11
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 0900 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m

Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m
Hillarys Harbor (Australia)	-31.8	115.7	0730Z 12 Oct 2011	0.5m
Pt.Louis (Mauritius)	-20.2	57.5	0828Z 12 Oct 2011	1.0m
Salalah (Oman)	16.9	54.0	0809Z 12 Oct 2011	0.5m
Masirah (Oman)	20.7	58.9	0825Z 12 Oct 2011	0.4m
Chabahar (Iran)	25.3	60.6	0853Z 12 Oct 2011	0.9m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m

GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m

NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m

LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m

NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m

TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m

KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m

REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m

UNITED ARAB EMIRATES

KALBA	0907Z 12 Oct 2011	1.8 m

YEMEN

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m

BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 12*****

This is an trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-012 (TYPE - III Supplementary 09)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 12
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1000 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m
Hillarys Harbor (Australia)	-31.8	115.7	0730Z 12 Oct 2011	0.5m
Pt.Louis (Mauritius)	-20.2	57.5	0828Z 12 Oct 2011	1.0m
Salalah (Oman)	16.9	54.0	0809Z 12 Oct 2011	0.5m
Masirah (Oman)	20.7	58.9	0825Z 12 Oct 2011	0.4m
Chabahar (Iran)	25.3	60.6	0853Z 12 Oct 2011	0.9m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY
UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m

NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m

SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m

BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m

JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m

VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m

QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m

AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m

XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m

JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m
THAILAND		

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m
UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 13*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-013 (TYPE - III Supplementary 10)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 13
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 1100 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m
Hillarys Harbor (Australia)	-31.8	115.7	0730Z 12 Oct 2011	0.5m
Pt.Louis (Mauritius)	-20.2	57.5	0828Z 12 Oct 2011	1.0m
Salalah (Oman)	16.9	54.0	0809Z 12 Oct 2011	0.5m
Masirah (Oman)	20.7	58.9	0825Z 12 Oct 2011	0.4m
Chabahar (Iran)	25.3	60.6	0853Z 12 Oct 2011	0.9m
Lamu (Kenya)	-2.3	40.9	1022Z 12 Oct 2011	1.5m
Mombasa (Kenya)	-4.1	39.6	1026Z 12 Oct 2011	2.3m
Zanzibar (Tanzania)	-6.2	39.2	1033Z 12 Oct 2011	2.2m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL

CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m
BANGLADESH		

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m
BRITISH INDIAN OCEAN TERRITORY		

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m
COMOROS		

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m
DJIBOUTI		

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m
FRENCH SOUTHERN AND ANTARCTIC LANDS		

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m
INDIA		

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m

HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m
NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m

NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m
NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m

BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m
BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m

BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m
NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m

VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m
SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m

GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m
ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m

KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m

KO RA WI	0302Z 12 Oct 2011	7.7 m
UNITED ARAB EMIRATES		

KALBA	0907Z 12 Oct 2011	1.8 m
YEMEN		

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m
YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC TSUNAMI BULLETIN NUMBER 14*****

This is an trial service. This information requires expert interpretation
and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-014 (TYPE - III Supplementary 11)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 14
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)
issued at: 1200 UTC Wednesday 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m

Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m
Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m
Hillarys Harbor (Australia)	-31.8	115.7	0730Z 12 Oct 2011	0.5m
Pt.Louis (Mauritius)	-20.2	57.5	0828Z 12 Oct 2011	1.0m
Salalah (Oman)	16.9	54.0	0809Z 12 Oct 2011	0.5m
Masirah (Oman)	20.7	58.9	0825Z 12 Oct 2011	0.4m
Chabahar (Iran)	25.3	60.6	0853Z 12 Oct 2011	0.9m
Lamu (Kenya)	-2.3	40.9	1022Z 12 Oct 2011	1.5m
Mombasa (Kenya)	-4.1	39.6	1026Z 12 Oct 2011	2.3m
Zanzibar (Tanzania)	-6.2	39.2	1033Z 12 Oct 2011	2.2m

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0310Z 12 Oct 2011	2.7 m
CHRISTMAS ISLAND (AU)	0328Z 12 Oct 2011	1.7 m
NORTHWEST CAPE TO CARNARVON	0538Z 12 Oct 2011	1.9 m
CAPE PRESTON TO NORTHWEST CAPE	0618Z 12 Oct 2011	2.0 m
CARNARVON TO KALBARRI	0626Z 12 Oct 2011	2.5 m
KALBARRI TO JURIEN BAY	0626Z 12 Oct 2011	2.0 m
JURIEN BAY TO MANDURAH	0646Z 12 Oct 2011	1.3 m
WALLAL DOWNS TO CAPE PRESTON	0654Z 12 Oct 2011	1.5 m
MANDURAH TO CAPE LEEUWIN	0712Z 12 Oct 2011	2.1 m
KURI BAY TO WALLAL DOWNS	0725Z 12 Oct 2011	0.8 m
CAPE LEEUWIN TO BREMER BAY	0726Z 12 Oct 2011	1.3 m
KURI BAY TO WYNDHAM	0811Z 12 Oct 2011	0.7 m

BANGLADESH

KHULNA	0311Z 12 Oct 2011	3.3 m
COXS BAZAR	0319Z 12 Oct 2011	3.8 m
KUTUBDIA ISLAND	0332Z 12 Oct 2011	3.2 m
BARISAL	0351Z 12 Oct 2011	3.7 m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	0427Z 12 Oct 2011	4.6 m
DIEGO GARCIA	0431Z 12 Oct 2011	5.9 m
NW EGMONT ISLAND	0446Z 12 Oct 2011	4.2 m

COMOROS

BAMBAO	0907Z 12 Oct 2011	1.9 m
DZAOUDZI	0908Z 12 Oct 2011	1.2 m
CHEZANI	0916Z 12 Oct 2011	2.3 m
FOMBONI	0916Z 12 Oct 2011	2.1 m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1014Z 12 Oct 2011	1.7 m
NW ARTA	1022Z 12 Oct 2011	2.8 m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	0735Z 12 Oct 2011	2.5 m

INDIA

NICOBAR	0101Z 12 Oct 2011	23.4 m
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0101Z 12 Oct 2011	20.0 m
KOMATRA & KATCHAL ISLAND	0101Z 12 Oct 2011	19.8 m
PORT BLAIR	0101Z 12 Oct 2011	17.5 m
LITTLE ANDAMAN	0101Z 12 Oct 2011	15.9 m
NORTH SENTINEL ISLAND	0101Z 12 Oct 2011	14.2 m
HAVELOCK	0101Z 12 Oct 2011	11.2 m
RANGATH BAY	0101Z 12 Oct 2011	9.1 m
FLAT ISLAND	0104Z 12 Oct 2011	11.0 m
DIGLIPUR	0116Z 12 Oct 2011	6.6 m
WEST & LANDFALL ISLAND	0116Z 12 Oct 2011	6.5 m
PURI	0251Z 12 Oct 2011	5.6 m
JAGATSINGHAPUR	0253Z 12 Oct 2011	5.3 m
KRISHNA	0255Z 12 Oct 2011	7.6 m
SRIKAKULAM	0256Z 12 Oct 2011	7.5 m
EAST & WEST GODAVARI	0257Z 12 Oct 2011	7.0 m
CUDDALORE; PONDICHERRY; VILLUPURAM	0258Z 12 Oct 2011	8.9 m
VISAKHAPATNAM; VIZIANAGARAM	0300Z 12 Oct 2011	7.7 m
PRAKASAM; GUNTUR	0301Z 12 Oct 2011	7.5 m
NELLORE	0301Z 12 Oct 2011	5.8 m
KENDRAPARA; BHADRAK; BALESHWAR	0302Z 12 Oct 2011	4.9 m
KANCHIPURAM	0303Z 12 Oct 2011	12.5 m
CHENNAI; TIRUVALLUR	0304Z 12 Oct 2011	7.4 m
GANJAM	0305Z 12 Oct 2011	7.9 m

NAGAPATTINAM TO RAMESHWARAM	0307Z 12 Oct 2011	9.1 m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0329Z 12 Oct 2011	3.6 m
TUTICORIN	0342Z 12 Oct 2011	4.3 m
RAMANATHAPURAM SOUTH	0343Z 12 Oct 2011	4.4 m
TIRUNELVELI	0359Z 12 Oct 2011	5.4 m
KOLLAM	0408Z 12 Oct 2011	3.8 m
THIRUVANANTHAPURAM	0409Z 12 Oct 2011	4.2 m
KANYAKUMARI	0414Z 12 Oct 2011	6.6 m
ALAPPUZHA	0418Z 12 Oct 2011	3.6 m
MINICOY	0420Z 12 Oct 2011	3.3 m
ANDROTH	0430Z 12 Oct 2011	2.3 m
KAVARATTI	0443Z 12 Oct 2011	1.7 m
MALAPPURAM; THRISSUR; ERNAKULAM	0450Z 12 Oct 2011	3.5 m
AGATTI	0450Z 12 Oct 2011	2.0 m
AMINI	0451Z 12 Oct 2011	2.2 m
KOZHIKODE	0509Z 12 Oct 2011	2.9 m
KANNUR	0518Z 12 Oct 2011	2.3 m
KASARAGOD	0522Z 12 Oct 2011	1.7 m
UDUPI; DAKSHIN KANNADA	0536Z 12 Oct 2011	1.9 m
UTTAR KANNADA	0611Z 12 Oct 2011	2.6 m
NORTH & SOUTH GOA	0627Z 12 Oct 2011	2.2 m
SINDHUDURG	0632Z 12 Oct 2011	1.6 m
RATNAGIRI	0656Z 12 Oct 2011	1.6 m
PORBANDAR	0733Z 12 Oct 2011	0.9 m
RAIGAD	0743Z 12 Oct 2011	1.5 m
JUNAGADH; DIU	0743Z 12 Oct 2011	1.2 m
JAMNAGAR	0744Z 12 Oct 2011	1.1 m
KUTCH	0804Z 12 Oct 2011	1.1 m
MUMBAI; THANE	0814Z 12 Oct 2011	1.1 m
AMRELI	0833Z 12 Oct 2011	1.1 m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	0849Z 12 Oct 2011	1.1 m

INDONESIA

NAD Kota-Banda-Aceh	0101Z 12 Oct 2011	22.2 m
NAD Aceh-Jaya	0101Z 12 Oct 2011	20.8 m
NAD Aceh-Besar B	0102Z 12 Oct 2011	25.8 m
NAD Aceh-Besar P.Breueh	0104Z 12 Oct 2011	29.7 m
NAD Aceh-Besar P.Penasi	0104Z 12 Oct 2011	25.2 m
NAD Aceh-Barat	0104Z 12 Oct 2011	14.9 m
NAD Kota-Sabang P.Rondo	0106Z 12 Oct 2011	27.0 m
NAD Kota-Sabang P.Weh	0115Z 12 Oct 2011	16.8 m
NAD Simeulue P.Simeulue	0116Z 12 Oct 2011	9.8 m
NAD Nagan-Raya	0118Z 12 Oct 2011	13.4 m
NAD Aceh-Besar U	0122Z 12 Oct 2011	16.4 m
NAD Pidie	0127Z 12 Oct 2011	12.6 m
NAD Aceh-Barat-Daya	0127Z 12 Oct 2011	9.2 m
SUMUT Nias B	0129Z 12 Oct 2011	4.8 m
NAD Aceh-Selatan U	0133Z 12 Oct 2011	9.2 m
NAD Aceh-Singkil Kep.Banyak	0134Z 12 Oct 2011	7.0 m
SUMUT Nias-Selatan P.Nias	0138Z 12 Oct 2011	4.7 m
SUMUT Nias T	0140Z 12 Oct 2011	6.2 m
NAD Bireuen	0141Z 12 Oct 2011	12.5 m
NAD Aceh-Selatan S	0145Z 12 Oct 2011	12.4 m
NAD Aceh-Utara B	0146Z 12 Oct 2011	13.9 m

NAD Kota-Lhokseumawe	0147Z 12 Oct 2011	12.5 m
SUMUT Nias-Selatan P.Tanahmasa	0148Z 12 Oct 2011	5.1 m
SUMUT Nias-Selatan P.Tanabala	0150Z 12 Oct 2011	5.8 m
NAD Aceh-Singkil	0155Z 12 Oct 2011	3.9 m
NAD Aceh-Utara T	0156Z 12 Oct 2011	10.5 m
SUMBAR Kepulauan-Mentawai P.Siberut	0156Z 12 Oct 2011	3.7 m
SUMUT Mandailing-Natal U	0202Z 12 Oct 2011	4.0 m
SUMUT Nias-Selatan P.Pini	0204Z 12 Oct 2011	4.3 m
SUMBAR Kepulauan-Mentawai P.Sipora	0207Z 12 Oct 2011	3.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	0212Z 12 Oct 2011	3.1 m
NAD Aceh-Timur	0213Z 12 Oct 2011	7.4 m
SUMUT Tapanuli-Tengah U	0213Z 12 Oct 2011	5.7 m
SUMUT Tapanuli-Tengah Kep.Mursala	0225Z 12 Oct 2011	4.5 m
SUMUT Tapanuli-Tengah S	0235Z 12 Oct 2011	5.1 m
SUMUT Tapanuli-Selatan	0241Z 12 Oct 2011	4.7 m
SUMBAR Pasaman-Barat	0242Z 12 Oct 2011	3.1 m
BENGKULU Bengkulu-Utara P.Enggano	0244Z 12 Oct 2011	2.3 m
SUMBAR Kota-Pariaman	0245Z 12 Oct 2011	2.0 m
SUMBAR Padang-Pariaman S	0247Z 12 Oct 2011	2.3 m
SUMBAR Kota-Padang S	0247Z 12 Oct 2011	2.3 m
SUMBAR Pesisir-Selatan U	0247Z 12 Oct 2011	1.7 m
SUMBAR Agam	0248Z 12 Oct 2011	1.9 m
SUMBAR Padang-Pariaman U	0248Z 12 Oct 2011	1.8 m
SUMBAR Kota-Padang U	0249Z 12 Oct 2011	2.5 m
BENGKULU Bengkulu-Utara U	0252Z 12 Oct 2011	2.6 m
BENGKULU Mukomuko	0254Z 12 Oct 2011	2.2 m
SUMBAR Pesisir-Selatan S	0257Z 12 Oct 2011	1.3 m
BENGKULU Kota-Bengkulu Pantai-Panjang	0300Z 12 Oct 2011	2.9 m
BENGKULU Seluma	0300Z 12 Oct 2011	2.8 m
BENGKULU Bengkulu-Utara S	0302Z 12 Oct 2011	3.2 m
BENGKULU Bengkulu-Selatan	0302Z 12 Oct 2011	2.5 m
BENGKULU Kaur	0303Z 12 Oct 2011	2.8 m
LAMPUNG Lampung-Barat Pesisir-Utara	0312Z 12 Oct 2011	3.4 m
LAMPUNG Lampung-Barat Pesisir-Selatan	0313Z 12 Oct 2011	3.3 m
SUMUT Kota-Sibolga	0314Z 12 Oct 2011	7.0 m
NAD Kota-Langsa	0319Z 12 Oct 2011	7.1 m
SUMUT Mandailing-Natal S	0320Z 12 Oct 2011	4.8 m
BANTEN Pandeglang P.Panaitan	0320Z 12 Oct 2011	2.2 m
BANTEN Pandeglang S	0320Z 12 Oct 2011	2.1 m
LAMPUNG Tanggamus B	0322Z 12 Oct 2011	2.1 m
BANTEN Lebak	0332Z 12 Oct 2011	2.4 m
NAD Aceh-Tamiang	0334Z 12 Oct 2011	6.7 m
LAMPUNG Tanggamus P.Tabuan	0334Z 12 Oct 2011	3.4 m
JABAR Sukabumi Pelabuhan-Ratu	0334Z 12 Oct 2011	2.0 m
JABAR Sukabumi Ujung-Genteng	0334Z 12 Oct 2011	1.8 m
LAMPUNG Lampung-Selatan Kep.Krakatau	0335Z 12 Oct 2011	1.9 m
LAMPUNG Tanggamus T	0336Z 12 Oct 2011	3.7 m
LAMPUNG Lampung-Selatan Kep.Legundi	0336Z 12 Oct 2011	3.0 m
LAMPUNG Lampung-Selatan Kalianda	0339Z 12 Oct 2011	2.4 m
JABAR Cianjur Sindangbarang	0339Z 12 Oct 2011	1.8 m
JABAR Garut	0346Z 12 Oct 2011	1.9 m
LAMPUNG Lampung-Selatan Kep.Sebuku	0348Z 12 Oct 2011	1.6 m
JABAR Tasikmalaya	0351Z 12 Oct 2011	1.7 m
BANTEN Pandeglang U	0353Z 12 Oct 2011	2.3 m
LAMPUNG Lampung-Selatan B	0354Z 12 Oct 2011	0.6 m

BANTEN Kota-Cilegon P.Sangiang	0355Z 12 Oct 2011	2.3 m
SUMUT Langkat	0401Z 12 Oct 2011	5.0 m
JABAR Ciamis	0402Z 12 Oct 2011	1.2 m
BANTEN Serang B	0412Z 12 Oct 2011	2.2 m
JATENG Kebumen	0414Z 12 Oct 2011	1.9 m
JATENG Purworejo	0414Z 12 Oct 2011	1.3 m
SUMUT Kota-Medan	0417Z 12 Oct 2011	5.2 m
LAMPUNG Lampung-Selatan Bakauheni	0417Z 12 Oct 2011	2.3 m
JATENG Cilacap	0418Z 12 Oct 2011	1.9 m
DIY Kulon-Progo	0419Z 12 Oct 2011	1.4 m
SUMUT Deliserdang	0421Z 12 Oct 2011	4.9 m
DIY Bantul	0421Z 12 Oct 2011	1.8 m
DIY Gunung-Kidul	0422Z 12 Oct 2011	1.4 m
SUMUT Serdang-Bedagai	0429Z 12 Oct 2011	4.0 m
JATIM Pacitan	0430Z 12 Oct 2011	1.3 m
JATENG Wonogiri	0431Z 12 Oct 2011	1.3 m
JATIM Trenggalek	0435Z 12 Oct 2011	1.3 m
JATIM Tulungagung	0441Z 12 Oct 2011	1.6 m
JATIM Malang	0444Z 12 Oct 2011	1.5 m
JATIM Blitar	0444Z 12 Oct 2011	1.5 m
BANTEN Kota-Cilegon	0449Z 12 Oct 2011	2.2 m
JATIM Jember P.Nusabarung	0454Z 12 Oct 2011	1.3 m
JATIM Jember	0455Z 12 Oct 2011	1.6 m
LAMPUNG Kota-Bandar-Lampung Pantai-Panjang	0456Z 12 Oct 2011	2.6 m
JATIM Lumajang	0456Z 12 Oct 2011	1.6 m
JATIM Banyuwangi S	0458Z 12 Oct 2011	1.4 m
SUMUT Asahan	0504Z 12 Oct 2011	3.5 m
BALI Badung Pantai-Kuta	0507Z 12 Oct 2011	1.3 m
BALI Tabanan	0509Z 12 Oct 2011	1.4 m
BALI Jembrana	0514Z 12 Oct 2011	1.8 m
BALI Klungkung P.Nusapenida	0514Z 12 Oct 2011	1.4 m
NTB Lombok-Barat S	0516Z 12 Oct 2011	1.1 m
NTB Lombok-Tengah	0517Z 12 Oct 2011	1.9 m
NTB Sumbawa B	0517Z 12 Oct 2011	1.4 m
JATIM Banyuwangi T	0518Z 12 Oct 2011	1.4 m
NTB Lombok-Timur S	0521Z 12 Oct 2011	1.3 m
BALI Denpasar Pantai-Sanur	0521Z 12 Oct 2011	0.6 m
BALI Klungkung	0523Z 12 Oct 2011	0.9 m
BALI Gianyar	0526Z 12 Oct 2011	0.7 m
NTB Sumbawa S	0527Z 12 Oct 2011	1.3 m
BANTEN Serang U	0528Z 12 Oct 2011	0.9 m
BALI Karang-Asem S	0532Z 12 Oct 2011	0.8 m
NTB Dompu S	0536Z 12 Oct 2011	1.4 m
NTT Sumba B	0538Z 12 Oct 2011	1.5 m
NTB Lombok-Barat U	0539Z 12 Oct 2011	0.7 m
NTB Kota-Bima S	0540Z 12 Oct 2011	1.5 m
NTB Lombok-Timur T	0542Z 12 Oct 2011	0.8 m
NTT Sumba T	0543Z 12 Oct 2011	1.1 m
NTB Kota-Mataram	0543Z 12 Oct 2011	0.7 m
LAMPUNG Lampung-Timur	0545Z 12 Oct 2011	0.6 m
NTT Manggarai-Barat P.	0555Z 12 Oct 2011	1.8 m
NTT Manggarai-Barat S	0559Z 12 Oct 2011	1.7 m
NTT Kupang	0607Z 12 Oct 2011	0.9 m
NTT Manggarai S	0611Z 12 Oct 2011	1.5 m
NTB Bima P.Gili	0615Z 12 Oct 2011	0.8 m

NTT Ngada S	0621Z 12 Oct 2011	1.2 m
NTT Rotendao	0621Z 12 Oct 2011	0.9 m
NTT Ende S	0627Z 12 Oct 2011	1.0 m
NTT Sikka S	0633Z 12 Oct 2011	1.0 m
NTT Flores-Timur S	0639Z 12 Oct 2011	0.6 m
NTT Flores-Timur P.Solor	0640Z 12 Oct 2011	1.1 m
NTT Lembata S	0641Z 12 Oct 2011	1.3 m
NTT Kota-Kupang	0645Z 12 Oct 2011	0.9 m
NTT Alor S	0646Z 12 Oct 2011	1.0 m
NTT Lembata U	0646Z 12 Oct 2011	0.9 m
NTT Timor-Tengah-Utara	0650Z 12 Oct 2011	1.0 m
SUMUT Labuhanbatu	0653Z 12 Oct 2011	2.9 m
NTT Belu U	0655Z 12 Oct 2011	0.9 m

IRAN

PUSHT	0759Z 12 Oct 2011	1.3 m
KONARAK	0808Z 12 Oct 2011	1.3 m
BIR	0810Z 12 Oct 2011	1.1 m
VANAK	0823Z 12 Oct 2011	1.2 m
JASK	0836Z 12 Oct 2011	1.5 m
MISKI	0853Z 12 Oct 2011	1.2 m
SIRIK	0924Z 12 Oct 2011	1.6 m
SAR RIG	1029Z 12 Oct 2011	1.7 m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0900Z 12 Oct 2011	2.5 m
LAMU	0914Z 12 Oct 2011	2.4 m
KILIFI	0928Z 12 Oct 2011	3.0 m
KIPINI	0929Z 12 Oct 2011	2.5 m
MOMBASSA	0934Z 12 Oct 2011	2.2 m
MALINDI	0935Z 12 Oct 2011	1.8 m

MADAGASCAR

AMPONDRABE	0819Z 12 Oct 2011	2.6 m
VOHEMAR	0819Z 12 Oct 2011	2.5 m
VOHEMAR	0819Z 12 Oct 2011	2.2 m
MAROANTSETRA	0822Z 12 Oct 2011	2.4 m
SAMBAVA	0822Z 12 Oct 2011	2.3 m
MAROANTSETRA	0832Z 12 Oct 2011	1.4 m
ANTSIRANANA II	0834Z 12 Oct 2011	1.0 m
GLORIOSO ISLANDS	0840Z 12 Oct 2011	1.9 m
TOAMASINA AIRPORT	0844Z 12 Oct 2011	1.6 m
SOANIERANA-IVONGO	0846Z 12 Oct 2011	2.0 m
AMBINANINONY	0847Z 12 Oct 2011	1.9 m
FENOARIVO ATSINANANA	0850Z 12 Oct 2011	2.1 m
TOAMASINA	0852Z 12 Oct 2011	2.0 m
ANTANANARIVO	0853Z 12 Oct 2011	1.8 m
MANANJARY	0858Z 12 Oct 2011	2.0 m
AMBAHY	0858Z 12 Oct 2011	1.9 m
ANTSIRANANA II	0858Z 12 Oct 2011	1.4 m
BANC DU GEYSER	0901Z 12 Oct 2011	1.4 m
TAMPOLO	0906Z 12 Oct 2011	4.0 m

ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
ANTSIRANANA	0907Z 12 Oct 2011	1.6 m
VANGAINDRANO	0909Z 12 Oct 2011	3.5 m
AMPOMBIANTAMBO	0912Z 12 Oct 2011	1.3 m
TOLANARO	0913Z 12 Oct 2011	2.8 m
AMBANJA	0920Z 12 Oct 2011	1.0 m
AMBANJA	0923Z 12 Oct 2011	0.8 m
TOLANARO	0924Z 12 Oct 2011	1.9 m
ANDOANY	0925Z 12 Oct 2011	1.0 m
AMBANJA	0927Z 12 Oct 2011	1.1 m
AMBOASARY SUD	0932Z 12 Oct 2011	2.1 m
AMBENJA	0941Z 12 Oct 2011	0.6 m
ANTSIANITIA	0942Z 12 Oct 2011	0.6 m
SOALALA	0943Z 12 Oct 2011	1.3 m
ANTSIANITIA	0943Z 12 Oct 2011	0.8 m
ANTSIANITIA	0944Z 12 Oct 2011	0.7 m
BESALAMPY	0946Z 12 Oct 2011	1.1 m
LAVANONO	0947Z 12 Oct 2011	2.1 m
AMPANIHY	1005Z 12 Oct 2011	0.7 m
JUAN DE NOVA ISLAND	1007Z 12 Oct 2011	1.3 m
VILAMATSA	1009Z 12 Oct 2011	0.6 m
AMPANIHY	1011Z 12 Oct 2011	0.6 m
BELOHA	1013Z 12 Oct 2011	3.0 m
VILAMATSA	1016Z 12 Oct 2011	0.8 m
BEHELOKA	1021Z 12 Oct 2011	0.6 m
TOLIARA	1027Z 12 Oct 2011	0.8 m
MAINTIRANO	1031Z 12 Oct 2011	0.7 m
MOROMBE	1041Z 12 Oct 2011	0.9 m
MOROMBE	1042Z 12 Oct 2011	0.6 m
EUROPA ISLAND	1051Z 12 Oct 2011	0.7 m
TAMOTAMO	1100Z 12 Oct 2011	0.5 m
MORONDAVA	1116Z 12 Oct 2011	0.8 m
BELON-I TSIRIBIHINA	1116Z 12 Oct 2011	0.7 m
MORONDAVA	1118Z 12 Oct 2011	0.9 m
MANJA	1118Z 12 Oct 2011	0.6 m

MALAYSIA

PULAU LANGKAWI	0338Z 12 Oct 2011	8.1 m
SUNGAI PETANI	0355Z 12 Oct 2011	6.2 m
BAGAN AYER ITAM	0432Z 12 Oct 2011	6.5 m
KERIAN	0449Z 12 Oct 2011	4.6 m

MALDIVES

KOLUFURI	0359Z 12 Oct 2011	8.7 m
MALE	0400Z 12 Oct 2011	7.2 m
DIYAGLI	0402Z 12 Oct 2011	7.8 m
WAGARU	0403Z 12 Oct 2011	5.3 m
HITADDU	0405Z 12 Oct 2011	7.9 m
GAN	0405Z 12 Oct 2011	5.8 m
GOADU	0412Z 12 Oct 2011	3.8 m
MAMIGILI	0417Z 12 Oct 2011	4.3 m
FURADU	0420Z 12 Oct 2011	5.2 m

MAURITIUS

LA FERME	0638Z 12 Oct 2011	4.1 m
CARGADOS CARAJOS	0710Z 12 Oct 2011	3.6 m
AGALEGA ISLAND	0717Z 12 Oct 2011	1.4 m
GRANDE REVIERE SUD EST	0722Z 12 Oct 2011	2.3 m

MOZAMBIQUE

MADANGWA	0935Z 12 Oct 2011	2.0 m
MAGANJA	0936Z 12 Oct 2011	2.0 m
MERONVI	0937Z 12 Oct 2011	1.6 m
TAVARI	0947Z 12 Oct 2011	1.1 m
QUITERAJO	0949Z 12 Oct 2011	1.1 m
MURREBUE	0952Z 12 Oct 2011	1.4 m
LURIO	0956Z 12 Oct 2011	1.6 m
MINHAUINE	0958Z 12 Oct 2011	1.3 m
NANGATA	1001Z 12 Oct 2011	0.9 m
CALAJULO	1005Z 12 Oct 2011	1.1 m
MOGINCUAL	1012Z 12 Oct 2011	1.4 m
QUINGA	1016Z 12 Oct 2011	0.8 m
NATIQUINDE	1025Z 12 Oct 2011	0.8 m
NAMORRE	1033Z 12 Oct 2011	0.7 m
CHULULU	1040Z 12 Oct 2011	0.6 m
MOEBASE	1048Z 12 Oct 2011	0.9 m
INHAMBANE	1113Z 12 Oct 2011	1.2 m
AMADE	1120Z 12 Oct 2011	1.0 m
MAGROMANE	1122Z 12 Oct 2011	0.8 m
MAGUEMBA	1129Z 12 Oct 2011	1.2 m
MAPUTO	1137Z 12 Oct 2011	1.4 m
INHASSORO	1138Z 12 Oct 2011	0.6 m
XAI-XAI	1149Z 12 Oct 2011	1.7 m
OCONE	1149Z 12 Oct 2011	0.8 m
VILA DO CHINDE	1213Z 12 Oct 2011	1.0 m
NHANGAU	1232Z 12 Oct 2011	0.7 m
CHERINGOMA	1240Z 12 Oct 2011	1.1 m

MYANMAR

LITTLE COCO ISLAND	0130Z 12 Oct 2011	5.6 m
PREPARIS ISLAND	0145Z 12 Oct 2011	3.5 m
GREAT WESTERN TORRES ISLAND	0202Z 12 Oct 2011	9.4 m
NATHAHU	0206Z 12 Oct 2011	5.4 m
BAILEY ISLAND	0207Z 12 Oct 2011	8.1 m
LORD LOUGHBOROUGH ISLAND	0208Z 12 Oct 2011	12.0 m
TAZIN	0208Z 12 Oct 2011	4.6 m
THAN KYUN	0210Z 12 Oct 2011	14.6 m
DANI	0212Z 12 Oct 2011	4.5 m
CLARA ISLAND	0213Z 12 Oct 2011	9.5 m
KYWEGYAUNG	0215Z 12 Oct 2011	5.1 m
MAGYIGYAING	0219Z 12 Oct 2011	5.9 m
MAWYEN	0222Z 12 Oct 2011	6.4 m
CHEDUBA ISLAND	0223Z 12 Oct 2011	5.5 m
TENASSERIM	0234Z 12 Oct 2011	5.4 m
KYAUKPYU	0238Z 12 Oct 2011	4.0 m

SITTWE	0245Z 12 Oct 2011	4.6 m
THAWINCHAUNG	0251Z 12 Oct 2011	3.9 m
PHARPON	0252Z 12 Oct 2011	5.3 m
KAINGHAUNG ISLAND	0253Z 12 Oct 2011	6.3 m
ALANDAING	0255Z 12 Oct 2011	4.7 m
AUK BOK	0302Z 12 Oct 2011	6.0 m
YE	0311Z 12 Oct 2011	4.2 m
MALI KYUN	0316Z 12 Oct 2011	5.8 m
HEINZE BOK	0323Z 12 Oct 2011	5.2 m
DANI-THAGYA	0324Z 12 Oct 2011	5.1 m

OMAN

KURIA MURIA ISLAND	0720Z 12 Oct 2011	1.5 m
KURIA MURIA ISLAND	0723Z 12 Oct 2011	2.4 m
MASIRAH	0726Z 12 Oct 2011	1.3 m
QUIRAN	0728Z 12 Oct 2011	1.7 m
MIRBAT	0729Z 12 Oct 2011	2.0 m
MIRBAT	0731Z 12 Oct 2011	2.1 m
MANADHIF	0732Z 12 Oct 2011	1.2 m
AL ASHKHAKHARAH	0734Z 12 Oct 2011	1.5 m
AL JAWABI	0737Z 12 Oct 2011	1.4 m
SALALAH	0740Z 12 Oct 2011	2.1 m
GHALAT	0740Z 12 Oct 2011	1.2 m
AL SAADA SPORTS COMPLEX	0747Z 12 Oct 2011	2.3 m
FINS	0749Z 12 Oct 2011	1.0 m
SHUWAYR	0750Z 12 Oct 2011	2.0 m
MUSCAT	0756Z 12 Oct 2011	0.8 m
QUIRAN	0803Z 12 Oct 2011	1.4 m
AS SEEB	0826Z 12 Oct 2011	0.8 m
TAWI BEDI GUISH	0839Z 12 Oct 2011	1.1 m
LIWA	0844Z 12 Oct 2011	1.4 m
KUMZAR	0918Z 12 Oct 2011	1.5 m

PAKISTAN

GWADAR	0747Z 12 Oct 2011	1.2 m
GWADAR	0750Z 12 Oct 2011	1.3 m
GWADAR	0750Z 12 Oct 2011	1.1 m
GWADAR	0752Z 12 Oct 2011	1.1 m
LASBELA	0802Z 12 Oct 2011	1.0 m
THATTA	0806Z 12 Oct 2011	1.1 m
KARACHI	0818Z 12 Oct 2011	1.2 m
LASBELA	0819Z 12 Oct 2011	1.0 m

REUNION

SAINT - JOSEPH	0745Z 12 Oct 2011	1.8 m

SEYCHELLES

COETIVY ISLAND	0705Z 12 Oct 2011	2.3 m
TAKAMAKA	0706Z 12 Oct 2011	3.2 m
PLATTE ISLAND	0722Z 12 Oct 2011	2.1 m
REMIRE ISLAND	0733Z 12 Oct 2011	2.7 m

ILE DESROCHES	0737Z 12 Oct 2011	2.7 m
ALPHONSE ISLAND	0742Z 12 Oct 2011	2.5 m
FREGATE ISLAND	0743Z 12 Oct 2011	5.2 m
FARQUHAR GROUP	0802Z 12 Oct 2011	0.8 m
ASTOVE ISLAND	0830Z 12 Oct 2011	1.8 m
ALDABRA	0840Z 12 Oct 2011	2.1 m

SOMALIA

DARIMOH	0752Z 12 Oct 2011	4.1 m
HAFUN	0754Z 12 Oct 2011	3.8 m
BANDARBEYLA	0756Z 12 Oct 2011	4.2 m
TOOXIN	0759Z 12 Oct 2011	3.8 m
HAFUN	0802Z 12 Oct 2011	4.1 m
GALKACYO	0803Z 12 Oct 2011	5.2 m
SOUTHERN HOBYO	0803Z 12 Oct 2011	4.3 m
EYL	0804Z 12 Oct 2011	5.3 m
NORTHERN HOBYO	0808Z 12 Oct 2011	4.8 m
GALKACYO	0810Z 12 Oct 2011	7.6 m
MAREEG	0816Z 12 Oct 2011	3.0 m
XARARDHEERE	0817Z 12 Oct 2011	5.2 m
CEEL DHEER	0817Z 12 Oct 2011	5.0 m
HURDYO	0818Z 12 Oct 2011	5.6 m
CAPE GUARDAFUI	0820Z 12 Oct 2011	1.7 m
ITALA	0822Z 12 Oct 2011	3.8 m
UARSCIECH	0823Z 12 Oct 2011	3.4 m
CEELBUUR	0824Z 12 Oct 2011	4.0 m
ABO	0831Z 12 Oct 2011	1.1 m
MUQDISHO	0833Z 12 Oct 2011	3.8 m
BARAAWE	0838Z 12 Oct 2011	2.9 m
QANDALA	0838Z 12 Oct 2011	0.8 m
BANAADIR	0839Z 12 Oct 2011	3.1 m
JILIB	0844Z 12 Oct 2011	3.5 m
HADAAFTIMO	0848Z 12 Oct 2011	1.3 m
LOWER JUBA	0851Z 12 Oct 2011	3.2 m
BOSASO	0851Z 12 Oct 2011	1.2 m
KISMAAYO	0856Z 12 Oct 2011	3.1 m
KISMAAYO	0857Z 12 Oct 2011	2.1 m
KISMAAYO	0901Z 12 Oct 2011	3.2 m
GALGALA	0905Z 12 Oct 2011	1.1 m
MAYDH	0916Z 12 Oct 2011	1.3 m
KABURA	0923Z 12 Oct 2011	1.6 m
BERBERA	0944Z 12 Oct 2011	1.6 m
ANTERAL	0949Z 12 Oct 2011	0.7 m
BAKI	0959Z 12 Oct 2011	1.8 m
SAYLAC	1003Z 12 Oct 2011	1.8 m
SAYLAC	1029Z 12 Oct 2011	1.6 m

SOUTH AFRICA

HLUHLUWE	1128Z 12 Oct 2011	1.6 m
ABORETUM	1135Z 12 Oct 2011	1.3 m
THANET	1139Z 12 Oct 2011	1.3 m

SRI LANKA

BATTICALOA	0231Z 12 Oct 2011	12.7 m
AMPARA	0236Z 12 Oct 2011	12.9 m
MULLAITIVU	0237Z 12 Oct 2011	11.2 m
HAMBANTOTA	0238Z 12 Oct 2011	12.5 m
KILINOCHCHI	0239Z 12 Oct 2011	13.3 m
TRINCOMALEE	0241Z 12 Oct 2011	10.7 m
MATARA	0247Z 12 Oct 2011	7.5 m
GALLE	0257Z 12 Oct 2011	6.2 m
JAFNA	0308Z 12 Oct 2011	9.8 m
COLOMBO DISTRICT; KALUTARA	0309Z 12 Oct 2011	4.5 m
GAMPAHA	0312Z 12 Oct 2011	4.2 m
PUTTALAM	0323Z 12 Oct 2011	3.9 m
MANNAR ISLAND	0335Z 12 Oct 2011	3.8 m

TANZANIA

VUMBA	0923Z 12 Oct 2011	2.0 m
ZANZIBAR	0931Z 12 Oct 2011	2.7 m
KINONDONI	0935Z 12 Oct 2011	2.5 m
JIMBO	0935Z 12 Oct 2011	1.8 m
KILWA MASOKO	0936Z 12 Oct 2011	1.6 m
RUVU	0937Z 12 Oct 2011	2.1 m
KUTANI	0938Z 12 Oct 2011	2.5 m
KILWA MASOKO	0939Z 12 Oct 2011	3.0 m
GAZIJA	0940Z 12 Oct 2011	2.2 m
BOMALANDNI	0941Z 12 Oct 2011	2.6 m
JAJA	0941Z 12 Oct 2011	1.8 m
VUMBI	0951Z 12 Oct 2011	2.0 m

THAILAND

PHUKET	0204Z 12 Oct 2011	15.7 m
TAKUA PA	0207Z 12 Oct 2011	15.4 m
KO RACHA	0214Z 12 Oct 2011	12.1 m
KHURA BURI	0218Z 12 Oct 2011	18.5 m
KO LANTA YAI	0250Z 12 Oct 2011	8.3 m
KO RA WI	0302Z 12 Oct 2011	7.7 m

UNITED ARAB EMIRATES

KALBA	0907Z 12 Oct 2011	1.8 m

YEMEN

SOCOTRA ISLAND SOUTH	0720Z 12 Oct 2011	3.5 m
SOCOTRA ISLAND NORTH	0752Z 12 Oct 2011	2.4 m
SOCOTRA ISLAND WEST	0758Z 12 Oct 2011	1.5 m
AL GHAYDAH AIRPORT	0800Z 12 Oct 2011	3.0 m
HUSWAYN	0805Z 12 Oct 2011	3.4 m
ITAB	0815Z 12 Oct 2011	2.3 m
AL QUMRAH	0824Z 12 Oct 2011	1.7 m
HAMI	0826Z 12 Oct 2011	1.4 m
AL MUKALLA	0843Z 12 Oct 2011	1.9 m
BROM MAYFA	0845Z 12 Oct 2011	1.0 m

YEMEN	0852Z 12 Oct 2011	1.2 m
HISN BALID	0907Z 12 Oct 2011	0.9 m
AHWAR	0912Z 12 Oct 2011	1.1 m
KHANFAR	0923Z 12 Oct 2011	1.3 m
BIR JABIR	0937Z 12 Oct 2011	1.2 m
ADEN	0945Z 12 Oct 2011	1.1 m
QAWAH	1012Z 12 Oct 2011	1.6 m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP INDIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

*****IOWAVE11 TEST ITEWC FINAL BULLETIN*****

This is an trial service. This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20111012-0100-015 (TYPE - IV)
TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 15
REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER - RTSP INDIA (ITEWC)

issued at: 1300 UTC Wednesday 12 October 2011

... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION (Revised)

*** THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE11 ***
*** THIS IS NOT A REAL TSUNAMI EVENT ***

RTSP INDIA issuing TEST earthquake with the following TEST preliminary parameters:

Magnitude: 9.2 M (Great)
Depth: 10 km
Date: 12 Oct 2011
Origin Time: 0100 UTC
Latitude: 3.3 N
Longitude: 95.96 E
Location: NORTHERN SUMATRA, INDONESIA

2. EVALUATION

Data from sea-level gauges confirmed that a tsunami was generated.

The expected period of significant tsunami waves is now over for all threatened Indian Ocean countries, based on RTSP INDIA modelling.

Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS

Listed below are maximum wave amplitudes recorded at the specified locations. Note that wave amplitude is measured relative to normal sea level; it is NOT the crest-to-trough wave height.

Meulaboh (Indonesia)	4.3	96.2	0120Z 12 Oct 2011	3.6m
Sabang (Indonesia)	5.8	95.3	0125Z 12 Oct 2011	4.0m
CampbellBay(India)	6.9	93.7	0210Z 12 Oct 2011	4.0m
Telukdalam (Indonesia)	0.6	97.8	0212Z 12 Oct 2011	2.5m
Nancowry(India)	8.0	93.5	0248Z 12 Oct 2011	3.2m
Padang (Indonesia)	-0.9	100.4	0251Z 12 Oct 2011	0.5m
Ko Taphao Noi (Thailand)	7.8	98.4	0304Z 12 Oct 2011	3.9m
Trinconmalee (Sri Lanka)	8.6	81.2	0306Z 12 Oct 2011	3.8m
AerialBay(India)	13.6	93.0	0307Z 12 Oct 2011	3.2m
Machlipattnam(India)	16.2	81.2	0320Z 12 Oct 2011	2.8m
Chennai(India)	13.1	80.3	0325Z 12 Oct 2011	2.5m
Cocos Island (Australia)	-12.1	96.9	0330Z 12 Oct 2011	2.0m
Nagapattinam(India)	10.8	79.8	0332Z 12 Oct 2011	2.7m
Male (Maldive Islands)	4.2	73.5	0424Z 12 Oct 2011	3.3m
Gan (Maldive Islands)	-0.7	73.2	0435Z 12 Oct 2011	1.2m
Langkawi (Malaysia)	6.4	99.8	0435Z 12 Oct 2011	2.3m

Sittwe (Myanmar)	20.1	92.9	0450Z 12 Oct 2011	1.2m
Hanimadhoo (Maldive Islands)	6.8	73.2	0455Z 12 Oct 2011	2.9m
Diego Garcia (UK)	-7.2	72.4	0457Z 12 Oct 2011	1.7m
Chittagong (Bangladesh)	22.3	91.8	0630Z 12 Oct 2011	1.0m
Rodrigues (Mauritius)	-19.7	63.4	0655Z 12 Oct 2011	1.6m
Hillarys Harbor (Australia)	-31.8	115.7	0730Z 12 Oct 2011	0.5m
Pt.Louis (Mauritius)	-20.2	57.5	0828Z 12 Oct 2011	1.0m
Salalah (Oman)	16.9	54.0	0809Z 12 Oct 2011	0.5m
Masirah (Oman)	20.7	58.9	0825Z 12 Oct 2011	0.4m
Chabahar (Iran)	25.3	60.6	0853Z 12 Oct 2011	0.9m
Lamu (Kenya)	-2.3	40.9	1022Z 12 Oct 2011	1.5m
Mombasa (Kenya)	-4.1	39.6	1026Z 12 Oct 2011	2.3m
Zanzibar (Tanzania)	-6.2	39.2	1033Z 12 Oct 2011	2.2m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

No further bulletins will be issued by RTSP INDIA for this event unless additional information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://reg.bom.gov.au/tsunami/rtsp
RTSP INDONESIA: http://rtsp.bmkg.go.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

Indian Tsunami Early Warning Centre (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address:"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO),
Hyderabad - 500 090, India.
Tel: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Website: www.incois.gov.in

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST

3. JATWC BULLETINS

BULLETIN NUMBER 1

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 1
REGIONAL TSUNAMI SERVICE PROVIDER – RTSP AUSTRALIA (JATWC)
Issued at 01:05UTC 12 Oct 2011

... EARTHQUAKE INFORMATION BULLETIN ...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following preliminary information:

Magnitude:	8.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
RTSP AUSTRALIA is evaluating this earthquake to determine if a tsunami has been generated. Further information on this event will be available at http://bom.gov.au/tsunami/rtwp.

3. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

4. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

5. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN NUMBER 2

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 2
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 01:12UTC 12 Oct 2011

... POTENTIAL TSUNAMI THREAT IN THE INDIAN OCEAN.

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	8.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
Earthquakes of this size are capable of generating tsunamis. However, so far there is no confirmation about the triggering of a tsunami.

An investigation is under way to determine if a tsunami has been triggered. This RTSP will monitor sea level gauges and report if any tsunami wave activity has occurred.

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND	0308Z Wed 12 Oct 2011	0.51m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0458Z Wed 12 Oct 2011	1.06m
DIEGO GARCIA	0508Z Wed 12 Oct 2011	0.57m
NW EGMONT ISLAND	0536Z Wed 12 Oct 2011	0.58m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0818Z Wed 12 Oct 2011	0.90m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0232Z Wed 12 Oct 2011	0.80m
INDONESIA		
SUMUT NIAS T	0138Z Wed 12 Oct 2011	0.57m
NAD ACEH-JAYA	0148Z Wed 12 Oct 2011	2.27m
NAD ACEH-BARAT	0152Z Wed 12 Oct 2011	3.28m
NAD SIMEULUE P.SIMEULUE	0154Z Wed 12 Oct 2011	3.28m
NAD ACEH-BESAR B	0156Z Wed 12 Oct 2011	0.90m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0156Z Wed 12 Oct 2011	0.63m
NAD NAGAN-RAYA	0158Z Wed 12 Oct 2011	2.52m
NAD ACEH-BARAT-DAYA	0204Z Wed 12 Oct 2011	2.01m
NAD ACEH-SELATAN U	0206Z Wed 12 Oct 2011	1.83m
NAD ACEH-SINGKIL KEP.BANYAK	0214Z Wed 12 Oct 2011	2.06m
SUMUT NIAS-SELATAN P.NIAS	0224Z Wed 12 Oct 2011	0.99m
SUMUT NIAS B	0236Z Wed 12 Oct 2011	0.98m
NAD ACEH-SELATAN S	0244Z Wed 12 Oct 2011	0.76m
SUMUT NIAS-SELATAN P.TANAHMASA	0256Z Wed 12 Oct 2011	0.76m
SUMUT NIAS-SELATAN P.TANABALA	0300Z Wed 12 Oct 2011	0.84m
SUMUT KOTA-SIBOLGA	0422Z Wed 12 Oct 2011	0.52m
JABAR SUKABUMI PELABUHAN-RATU	1644Z Wed 12 Oct 2011	0.87m
MALAYSIA		
KERIAN	0158Z Wed 12 Oct 2011	1.62m
MALDIVES		
KAAFU ATOLL	0448Z Wed 12 Oct 2011	0.85m
MEEMU ATOLL	0450Z Wed 12 Oct 2011	0.91m
HAA-DHAALU ATOLL	0502Z Wed 12 Oct 2011	1.34m
THAA ATOLL	0512Z Wed 12 Oct 2011	0.58m
FAAFU ATOLL	0526Z Wed 12 Oct 2011	0.52m
BAA ATOLL	0556Z Wed 12 Oct 2011	0.62m
MAURITIUS		
LA FERME	0704Z Wed 12 Oct 2011	0.68m
SRI LANKA		
HAMBANTOTA	0322Z Wed 12 Oct 2011	0.54m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local

authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN NUMBER 3

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 3
REGIONAL TSUNAMI SERVICE PROVIDER – RTSP AUSTRALIA (JATWC)
Issued at 01:45UTC 12 Oct 2011

... EARTHQUAKE INFORMATION BULLETIN ...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following preliminary information:

Magnitude: 9.2
Depth: 10km
Origin Time: 01:00 UTC 12 October 2011
Latitude: 3.300N
Longitude: 95.960E
Location: Northern Sumatra, Indonesia

2. EVALUATION
RTSP AUSTRALIA is evaluating this earthquake to determine if a tsunami has been generated. Further information on this event will be available at http://bom.gov.au/tsunami/rtwp.

3. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

4. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

5. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF TEST BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN NUMBER 4

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST TSUNAMI BULLETIN NUMBER 4
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 01:50UTC 12 Oct 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.2
Depth: 10km
Origin Time: 01:00 UTC 12 October 2011
Latitude: 3.300N
Longitude: 95.960E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG INDONESIA 5.8N 95.3E 12 OCT 0135Z 4.0M

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m

FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m

UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m

BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m

NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m

MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m
MADAGASCAR		
VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m

CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m
MYANMAR		
THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m

DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m
OMAN		
SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m

GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m

VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI 0624Z Wed 12 Oct 2011 0.75m		
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

BULLETIN NUMBER 5

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 5
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 03:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.2
Depth: 10km
Origin Time: 01:00 UTC 12 October 2011
Latitude: 3.300N
Longitude: 95.960E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N 95.3E 12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N 97.8E 12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S 100.4E 12 OCT 0251Z 0.5M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be

made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m

CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m

NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m

LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m

NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m

MADAGASCAR

VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m

ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m

CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m

MYANMAR

THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m

OMAN

SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m

PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		

HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI	0624Z Wed 12 Oct 2011	0.75m
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m

SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 6

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 6
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 04:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	9.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E

Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m

BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m

THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m

SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m

LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m

BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m
IRAN		
PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m
KENYA		
KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m
MADAGASCAR		
VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m

SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m
MYANMAR		
THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m

KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m
OMAN		
SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m

ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m

MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI 0624Z Wed 12 Oct 2011 0.75m		
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE

This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES

Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA),
the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 7

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 7
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 05:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.2
Depth: 10km
Origin Time: 01:00 UTC 12 October 2011
Latitude: 3.300N
Longitude: 95.960E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M

GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m

COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m

NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m

SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m

JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA		
KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m
MADAGASCAR		
VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m

BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m
MYANMAR		
THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m

DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m
OMAN		
SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m

HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m

RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI	0624Z Wed 12 Oct 2011	0.75m
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA

Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 8

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 8
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 06:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	9.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT	0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT	0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT	0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT	0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT	0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT	0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT	0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT	0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT	0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT	0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT	0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT	0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT	0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT	0457Z 1.7M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave

estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m

FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m

RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m

BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m

SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m

MADAGASCAR

VOHEMAR	0824Z Wed 12 Oct 2011	1.72m

AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m

MALAYSIA

KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m

MALDIVES

GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m

MAURITIUS

LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m

MOZAMBIQUE

MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m

MYANMAR

THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m

OMAN

SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m

CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m

KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m

TIMOR-LESTE

DILI	0624Z Wed 12 Oct 2011	0.75m

UNITED ARAB EMIRATES

ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m

YEMEN

SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 9

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 9
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 07:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	9.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M
CHITTAGONG	BANGLADESH	22.3N	91.8E	12 OCT 0630Z 1.0M
RODRIGUES	MAURITIUS	19.7S	63.4E	12 OCT 0655Z 1.6M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m

LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m

SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m

LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m

NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m

MADAGASCAR

VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m

ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m

MALAYSIA

KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m

MALDIVES

GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m

MAURITIUS

LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m

MOZAMBIQUE

MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m

CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA 1	536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m

MYANMAR

THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m

OMAN

SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m

SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m

JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI	0624Z Wed 12 Oct 2011	0.75m

UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 10

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 10
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 08:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	9.2
Depth:	0km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M
CHITTAGONG	BANGLADESH	22.3N	91.8E	12 OCT 0630Z 1.0M
RODRIGUES	MAURITIUS	19.7S	63.4E	12 OCT 0655Z 1.6M
HILLARYS (PERTH)	AUSTRALIA	31.8S	115.7E	12 OCT 0730Z 0.5M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action,

CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m

CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m

SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m

JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m

NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m

MADAGASCAR

VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m

TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m

NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m

MYANMAR

THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	124Z Wed 12 Oct 2011	1.16m

OMAN

SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m

AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m

SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI	0624Z Wed 12 Oct 2011	0.75m
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m

HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 11

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 11
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 09:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.2
Depth: 10km
Origin Time: 01:00 UTC 12 October 2011

Latitude: 3.300N
Longitude: 95.960E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M
CHITTAGONG	BANGLADESH	22.3N	91.8E	12 OCT 0630Z 1.0M
RODRIGUES	MAURITIUS	19.7S	63.4E	12 OCT 0655Z 1.6M
HILLARYS (PERTH)	AUSTRALIA	31.8S	115.7E	12 OCT 0730Z 0.5M
PORT LOUIS	MAURITIUS	20.2S	57.5E	12 OCT 0828Z 1.0M
SALALAH	OMAN	16.9N	54.0E	12 OCT 0809Z 0.5M
MASIRAH	OMAN	20.7N	58.9E	12 OCT 0825Z 0.4M
CHABAHAR	IRAN	25.3N	60.6E	12 OCT 0853Z 0.9M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA		
COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m

NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m

NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m

NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m

NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m

IRAN

PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m

KENYA

KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m

MADAGASCAR

VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m

MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m

MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m
MYANMAR		
THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m
OMAN		
SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		

GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m

THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI	0624Z Wed 12 Oct 2011	0.75m
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m

AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 12

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 12
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 10:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	9.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M
CHITTAGONG	BANGLADESH	22.3N	91.8E	12 OCT 0630Z 1.0M
RODRIGUES	MAURITIUS	19.7S	63.4E	12 OCT 0655Z 1.6M
HILLARYS (PERTH)	AUSTRALIA	20.2S	57.5E	12 OCT 0828Z 1.0M
SALALAH	OMAN	16.9N	54.0E	12 OCT 0809Z 0.5M
MASIRAH	OMAN	20.7N	58.9E	12 OCT 0825Z 0.4M
CHABAHAR	IRAN	25.3N	60.6E	12 OCT 0853Z 0.9M

Based on pre-run model scenarios, the zones listed below are
POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m

CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m
WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m

TUTICORIN	0402Z Wed 12 Oct 2011	1.68m
RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m

NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m
SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m

BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m
BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m

NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m
NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m
IRAN		
PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m
KENYA		
KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m
MADAGASCAR		
VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m

MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m
BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m

MYANMAR		
THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m
OMAN		
SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m

KARACHI	1204Z Wed 12 Oct 2011	1.88m
THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m

TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m
MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m

TANZANIA

ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m

THAILAND

PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m

TIMOR-LESTE

DILI	0624Z Wed 12 Oct 2011	0.75m

UNITED ARAB EMIRATES

ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m

YEMEN

SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 13

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 13
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 11:00 UTC 12 October 2011

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.2
Depth: 10km
Origin Time: 01:00 UTC 12 October 2011
Latitude: 3.300N
Longitude: 95.960E
Location: Northern Sumatra, Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M

TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M
CHITTAGONG	BANGLADESH	22.3N	91.8E	12 OCT 0630Z 1.0M
RODRIGUES	MAURITIUS	19.7S	63.4E	12 OCT 0655Z 1.6M
HILLARYS (PERTH)	AUSTRALIA	31.8S	115.7E	12 OCT 0730Z 0.5M
PORT LOUIS	MAURITIUS	20.2S	57.5E	12 OCT 0828Z 1.0M
SALALAH	OMAN	16.9N	54.0E	12 OCT 0809Z 0.5M
MASIRAH	OMAN	20.7N	58.9E	12 OCT 0825Z 0.4M
CHABAHAR	IRAN	25.3N	60.6E	12 OCT 0853Z 0.9M
LAMU	KENYA	2.3S	40.9E	12 OCT 1022Z 1.5M
MOMBASA	KENYA	4.1S	39.6E	12 OCT 1026Z 2.3M
ZANZIBAR	TANZANIA	6.2S	39.2E	12 OCT 1033Z 2.2M

Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

COCOS ISLAND (AU)	0240Z Wed 12 Oct 2011	1.80m
CHRISTMAS ISLAND (AU)	0252Z Wed 12 Oct 2011	0.72m
NORTHWEST CAPE TO CARNARVON	0538Z Wed 12 Oct 2011	1.97m
CAPE PRESTON TO NORTHWEST CAPE	0542Z Wed 12 Oct 2011	2.78m
CARNARVON TO KALBARRI	0556Z Wed 12 Oct 2011	1.82m

WALLAL DOWNS TO CAPE PRESTON	0636Z Wed 12 Oct 2011	1.37m
JURIEN BAY TO MANDURAH	0648Z Wed 12 Oct 2011	1.77m
KALBARRI TO JURIEN BAY	0650Z Wed 12 Oct 2011	2.80m
MANDURAH TO CAPE LEEUWIN	0720Z Wed 12 Oct 2011	2.23m
CAPE LEEUWIN TO BREMER BAY	0926Z Wed 12 Oct 2011	1.74m
KURI BAY TO WYNDHAM	1038Z Wed 12 Oct 2011	1.00m
KURI BAY TO WALLAL DOWNS	1412Z Wed 12 Oct 2011	1.34m
BREMER BAY TO ISRAELITE BAY	2110Z Wed 12 Oct 2011	0.81m
ISRAELITE BAY TO SA BORDER	2256Z Wed 12 Oct 2011	0.57m
BANGLADESH		
COXS BAZAR	0610Z Wed 12 Oct 2011	2.18m
KUTUBDIA ISLAND	0632Z Wed 12 Oct 2011	2.65m
KHULNA	1150Z Wed 12 Oct 2011	1.35m
BRITISH INDIAN OCEAN TERRITORY		
MORESBY ISLAND	0430Z Wed 12 Oct 2011	7.66m
DIEGO GARCIA	0436Z Wed 12 Oct 2011	7.73m
NW EGMONT ISLAND	0450Z Wed 12 Oct 2011	8.57m
COMOROS		
BAMBAO	0918Z Wed 12 Oct 2011	0.96m
DZAOUDZI	0922Z Wed 12 Oct 2011	0.70m
CHEZANI	0924Z Wed 12 Oct 2011	1.10m
FOMBONI	0926Z Wed 12 Oct 2011	1.14m
DJIBOUTI		
MUHAMMAD ALI BIN FATHA SUMANA	1048Z Wed 12 Oct 2011	0.82m
NW ARTA	1102Z Wed 12 Oct 2011	1.16m
FRENCH SOUTHERN AND ANTARCTIC LANDS		
LLE SAINT-PAUL	0722Z Wed 12 Oct 2011	2.46m
INDIA		
INDIRA POINT GREAT & LITTLE NICOBAR ISLAND	0120Z Wed 12 Oct 2011	9.13m
KOMATRA & KATCHAL ISLAND	0134Z Wed 12 Oct 2011	4.98m
NICOBAR	0148Z Wed 12 Oct 2011	3.37m
LITTLE ANDAMAN	0204Z Wed 12 Oct 2011	2.29m
NORTH SENTINEL ISLAND	0240Z Wed 12 Oct 2011	5.38m
HAVELOCK	0244Z Wed 12 Oct 2011	3.46m
WEST & LANDFALL ISLAND	0248Z Wed 12 Oct 2011	2.14m
RANGATH BAY	0254Z Wed 12 Oct 2011	2.81m
FLAT ISLAND	0254Z Wed 12 Oct 2011	2.86m
PORT BLAIR	0254Z Wed 12 Oct 2011	4.69m
DIGLIPUR	0306Z Wed 12 Oct 2011	2.21m
CUDDALORE; PONDICHERRY; VILLUPURAM	0332Z Wed 12 Oct 2011	5.05m
CHENNAI; TIRUVALLUR	0338Z Wed 12 Oct 2011	5.89m
KANCHIPURAM	0338Z Wed 12 Oct 2011	4.24m
NAGAPATTINAM	0340Z Wed 12 Oct 2011	4.33m
NELLORE	0340Z Wed 12 Oct 2011	3.26m
KRISHNA	0344Z Wed 12 Oct 2011	2.90m
EAST & WEST GODAVARI	0346Z Wed 12 Oct 2011	2.53m
PRAKASAM; GUNTUR	0358Z Wed 12 Oct 2011	3.21m
VISAKHAPATNAM; VIZIANAGARAM	0400Z Wed 12 Oct 2011	2.63m
TUTICORIN	0402Z Wed 12 Oct 2011	1.68m

RAMANATHAPURAM SOUTH	0402Z Wed 12 Oct 2011	1.25m
JAGATSINGHAPUR	0410Z Wed 12 Oct 2011	3.79m
SRIKAKULAM	0410Z Wed 12 Oct 2011	3.21m
PURI	0412Z Wed 12 Oct 2011	3.56m
GANJAM	0414Z Wed 12 Oct 2011	3.12m
TIRUNELVELI	0416Z Wed 12 Oct 2011	2.78m
KENDRAPARA; BHADRAK; BALESHWAR	0418Z Wed 12 Oct 2011	2.91m
KOLLAM	0428Z Wed 12 Oct 2011	1.71m
KANYAKUMARI	0430Z Wed 12 Oct 2011	2.57m
THIRUVANANTHAPURAM	0432Z Wed 12 Oct 2011	1.60m
MINICOY	0432Z Wed 12 Oct 2011	1.19m
ANDROTH	0442Z Wed 12 Oct 2011	0.91m
KAVARATTI	0458Z Wed 12 Oct 2011	0.92m
AMINI	0504Z Wed 12 Oct 2011	0.70m
PURBA MEDINIPUR; SOUTH & NORTH 24 PARGANAS	0506Z Wed 12 Oct 2011	1.21m
ALAPPUZHA	0510Z Wed 12 Oct 2011	1.67m
AGATTI	0512Z Wed 12 Oct 2011	0.98m
MALAPPURAM; THRISSUR; ERNAKULAM	0518Z Wed 12 Oct 2011	1.73m
KOZHIKODE	0616Z Wed 12 Oct 2011	1.47m
NORTH & SOUTH GOA	0756Z Wed 12 Oct 2011	1.17m
SINDHUDURG	0756Z Wed 12 Oct 2011	1.25m
KASARAGOD	0818Z Wed 12 Oct 2011	1.77m
KANNUR	0820Z Wed 12 Oct 2011	1.98m
UDUPI; DAKSHIN KANNADA	0910Z Wed 12 Oct 2011	1.35m
UTTAR KANNADA	1008Z Wed 12 Oct 2011	1.54m
JAMNAGAR	1058Z Wed 12 Oct 2011	1.25m
RAIGAD	1158Z Wed 12 Oct 2011	0.72m
KUTCH	1220Z Wed 12 Oct 2011	1.22m
JUNAGADH; DIU	1458Z Wed 12 Oct 2011	1.46m
RATNAGIRI	1608Z Wed 12 Oct 2011	0.96m
MUMBAI; THANE	1712Z Wed 12 Oct 2011	1.05m
BHAVNAGAR; KHEDA; BHARUCH; SURAT; VALSAD	1820Z Wed 12 Oct 2011	0.76m
AMRELI	1824Z Wed 12 Oct 2011	0.97m
PORBANDAR	1858Z Wed 12 Oct 2011	1.09m

INDONESIA

SUMUT NIAS-SELATAN P.NIAS	0100Z Wed 12 Oct 2011	14.83m
SUMUT NIAS B	0100Z Wed 12 Oct 2011	17.90m
SUMUT NIAS-SELATAN P.TANABALA	0100Z Wed 12 Oct 2011	14.41m
NAD SIMEULUE P.SIMEULUE	0100Z Wed 12 Oct 2011	19.96m
SUMUT NIAS-SELATAN P.TANAHMASA	0106Z Wed 12 Oct 2011	13.35m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0116Z Wed 12 Oct 2011	7.53m
NAD ACEH-SINGKIL KEP.BANYAK	0118Z Wed 12 Oct 2011	11.81m
SUMUT NIAS T	0120Z Wed 12 Oct 2011	7.79m
SUMUT NIAS-SELATAN P.PINI	0126Z Wed 12 Oct 2011	8.47m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0130Z Wed 12 Oct 2011	3.38m
NAD ACEH-BESAR P.BREUEH	0130Z Wed 12 Oct 2011	16.47m
NAD ACEH-BESAR B	0132Z Wed 12 Oct 2011	31.90m
NAD ACEH-SINGKIL	0132Z Wed 12 Oct 2011	6.18m
NAD KOTA-SABANG P.WEH	0134Z Wed 12 Oct 2011	18.47m
SUMUT TAPANULI-TENGAH S	0134Z Wed 12 Oct 2011	6.87m
NAD ACEH-JAYA	0136Z Wed 12 Oct 2011	35.24m
NAD ACEH-BESAR P.PENASI	0136Z Wed 12 Oct 2011	14.65m
SUMUT MANDAILING-NATAL U	0138Z Wed 12 Oct 2011	8.23m
NAD KOTA-BANDA-ACEH	0140Z Wed 12 Oct 2011	19.38m

SUMUT MANDAILING-NATAL S	0140Z Wed 12 Oct 2011	3.92m
NAD ACEH-BESAR U	0142Z Wed 12 Oct 2011	10.92m
NAD ACEH-BARAT	0142Z Wed 12 Oct 2011	28.48m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0144Z Wed 12 Oct 2011	2.94m
NAD PIDIE	0146Z Wed 12 Oct 2011	5.53m
NAD NAGAN-RAYA	0146Z Wed 12 Oct 2011	15.99m
NAD ACEH-BARAT-DAYA	0150Z Wed 12 Oct 2011	18.51m
NAD ACEH-SELATAN U	0152Z Wed 12 Oct 2011	9.32m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0154Z Wed 12 Oct 2011	10.62m
SUMUT TAPANULI-TENGAH U	0156Z Wed 12 Oct 2011	7.28m
NAD ACEH-SELATAN S	0202Z Wed 12 Oct 2011	10.59m
NAD BIREUEN	0204Z Wed 12 Oct 2011	4.09m
SUMBAR KOTA-PARIAMAN	0204Z Wed 12 Oct 2011	1.43m
NAD ACEH-UTARA B	0206Z Wed 12 Oct 2011	3.77m
SUMBAR KOTA-PADANG S	0206Z Wed 12 Oct 2011	1.62m
SUMUT TAPANULI-SELATAN	0206Z Wed 12 Oct 2011	9.65m
BENGKULU BENGKULU-UTARA P.ENGGANO	0206Z Wed 12 Oct 2011	1.56m
SUMBAR KOTA-PADANG U	0208Z Wed 12 Oct 2011	1.87m
SUMBAR PADANG-PARIAMAN U	0210Z Wed 12 Oct 2011	1.78m
SUMBAR PASAMAN-BARAT	0210Z Wed 12 Oct 2011	4.59m
SUMUT KOTA-SIBOLGA	0210Z Wed 12 Oct 2011	7.43m
SUMBAR AGAM	0212Z Wed 12 Oct 2011	2.38m
SUMBAR PESISIR-SELATAN U	0212Z Wed 12 Oct 2011	1.70m
SUMBAR PADANG-PARIAMAN S	0216Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA U	0218Z Wed 12 Oct 2011	1.29m
BENGKULU MUKOMUKO	0220Z Wed 12 Oct 2011	1.35m
NAD KOTA-LHOKSEUMAWE	0220Z Wed 12 Oct 2011	3.38m
BENGKULU BENGKULU-SELATAN	0230Z Wed 12 Oct 2011	1.37m
BENGKULU KAUR	0230Z Wed 12 Oct 2011	1.46m
BENGKULU SELUMA	0230Z Wed 12 Oct 2011	1.61m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0232Z Wed 12 Oct 2011	1.86m
BENGKULU BENGKULU-UTARA S	0232Z Wed 12 Oct 2011	2.15m
NAD ACEH-UTARA T	0238Z Wed 12 Oct 2011	2.79m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0242Z Wed 12 Oct 2011	1.57m
SUMBAR PESISIR-SELATAN S	0242Z Wed 12 Oct 2011	1.63m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0242Z Wed 12 Oct 2011	1.64m
BANTEN PANDEGLANG S	0246Z Wed 12 Oct 2011	0.99m
LAMPUNG TANGGAMUS P.TABUAN	0248Z Wed 12 Oct 2011	0.91m
BANTEN PANDEGLANG P.PANAITAN	0248Z Wed 12 Oct 2011	1.01m
BANTEN LEBAK	0256Z Wed 12 Oct 2011	1.47m
JABAR CIANJUR SINDANGBARANG	0302Z Wed 12 Oct 2011	1.23m
LAMPUNG TANGGAMUS B	0302Z Wed 12 Oct 2011	1.47m
JABAR SUKABUMI UJUNG-GENTENG	0304Z Wed 12 Oct 2011	0.98m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0306Z Wed 12 Oct 2011	1.15m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJANG	0308Z Wed 12 Oct 2011	1.42m
JABAR SUKABUMI PELABUHAN-RATU	0310Z Wed 12 Oct 2011	4.95m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0310Z Wed 12 Oct 2011	0.97m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0312Z Wed 12 Oct 2011	1.42m
LAMPUNG LAMPUNG-SELATAN B	0312Z Wed 12 Oct 2011	1.42m
NAD ACEH-TIMUR	0316Z Wed 12 Oct 2011	1.60m
BANTEN KOTA-CILEGON P.SANGIANG	0322Z Wed 12 Oct 2011	1.17m
BANTEN PANDEGLANG U	0322Z Wed 12 Oct 2011	1.22m
JABAR GARUT	0322Z Wed 12 Oct 2011	1.40m
DKI-JAKARTA KEPULAUAN-SERIBU	0328Z Wed 12 Oct 2011	1.47m
BANTEN SERANG B	0332Z Wed 12 Oct 2011	1.78m

BANTEN TANGERANG	0332Z Wed 12 Oct 2011	1.78m
LAMPUNG TANGGAMUS T	0334Z Wed 12 Oct 2011	2.34m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0336Z Wed 12 Oct 2011	1.50m
JABAR TASIKMALAYA	0336Z Wed 12 Oct 2011	1.48m
JABAR CIAMIS	0344Z Wed 12 Oct 2011	1.67m
JATENG PURWOREJO	0346Z Wed 12 Oct 2011	0.99m
BANTEN SERANG U	0348Z Wed 12 Oct 2011	1.52m
NAD KOTA-LANGSA	0348Z Wed 12 Oct 2011	0.93m
BANTEN KOTA-CILEGON	0352Z Wed 12 Oct 2011	3.32m
LAMPUNG LAMPUNG-TIMUR	0352Z Wed 12 Oct 2011	3.32m
NAD ACEH-TAMIANG	0356Z Wed 12 Oct 2011	0.91m
JATENG WONOGIRI	0356Z Wed 12 Oct 2011	1.12m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0356Z Wed 12 Oct 2011	2.53m
JATENG CILACAP	0356Z Wed 12 Oct 2011	1.69m
DIY GUNUNG-KIDUL	0358Z Wed 12 Oct 2011	1.44m
JATIM TULUNGAGUNG	0412Z Wed 12 Oct 2011	0.78m
JATIM JEMBER P.NUSABARUNG	0420Z Wed 12 Oct 2011	0.61m
JATIM BLITAR	0424Z Wed 12 Oct 2011	0.85m
NTB LOMBOK-TENGAH	0456Z Wed 12 Oct 2011	0.65m
JATIM BANYUWANGI T	0500Z Wed 12 Oct 2011	1.48m
BALI JEMBRANA	0506Z Wed 12 Oct 2011	1.73m
SUMUT LANGKAT	0514Z Wed 12 Oct 2011	1.00m
SUMUT KOTA-MEDAN	0526Z Wed 12 Oct 2011	1.15m
SUMUT DELISERDANG	0536Z Wed 12 Oct 2011	1.00m
NTT MANGGARAI S	0554Z Wed 12 Oct 2011	1.08m
JATIM LUMAJANG	0604Z Wed 12 Oct 2011	1.09m
NTT SUMBA T	0606Z Wed 12 Oct 2011	0.71m
LAMPUNG TULANGBAWANG	0608Z Wed 12 Oct 2011	2.53m
JATIM SITUBONDO	0616Z Wed 12 Oct 2011	0.58m
SUMUT SERDANG-BEDAGAI	0622Z Wed 12 Oct 2011	1.08m
NTT KUPANG	0622Z Wed 12 Oct 2011	0.72m
NTT FLORES-TIMUR S	0628Z Wed 12 Oct 2011	0.65m
BALI TABANAN	0630Z Wed 12 Oct 2011	0.67m
NTT LEMBATA S	0632Z Wed 12 Oct 2011	0.64m
BALI BULELENG B	0634Z Wed 12 Oct 2011	0.51m
JATIM BANYUWANGI S	0634Z Wed 12 Oct 2011	0.60m
BALI BADUNG PANTAI-KUTA	0634Z Wed 12 Oct 2011	0.52m
NTT TIMOR-TENGAH-UTARA	0638Z Wed 12 Oct 2011	0.63m
NTT ALOR S	0642Z Wed 12 Oct 2011	0.60m
NTB KOTA-BIMA S	0712Z Wed 12 Oct 2011	0.68m
NTT SUMBA B	0712Z Wed 12 Oct 2011	0.56m
NTB BIMA P.GILI	0716Z Wed 12 Oct 2011	0.88m
NTB DOMPU S	0718Z Wed 12 Oct 2011	0.52m
NTB BIMA P.SANGIANG	0718Z Wed 12 Oct 2011	0.78m
NTT MANGGARAI-BARAT P.	0720Z Wed 12 Oct 2011	0.97m
NTT MANGGARAI-BARAT U	0720Z Wed 12 Oct 2011	0.72m
NTT MANGGARAI-BARAT S	0722Z Wed 12 Oct 2011	1.14m
NTB DOMPU U	0728Z Wed 12 Oct 2011	0.62m
LABUHAN BATU	0808Z Wed 12 Oct 2011	0.88m
NTT BELU U	0832Z Wed 12 Oct 2011	0.61m
NTT MANGGARAI U	0926Z Wed 12 Oct 2011	0.80m
NTT NGADA U	0932Z Wed 12 Oct 2011	0.52m
JATIM JEMBER	1220Z Wed 12 Oct 2011	0.79m
SUMUT ASAHAN	1238Z Wed 12 Oct 2011	0.63m
NTB SUMBAWA B	1652Z Wed 12 Oct 2011	0.51m

NTB SUMBAWA S	1712Z Wed 12 Oct 2011	0.71m
NTT ROTENDAO	1824Z Wed 12 Oct 2011	0.53m
DIY KULON-PROGO	1910Z Wed 12 Oct 2011	1.27m
JATENG KEBUMEN	1914Z Wed 12 Oct 2011	1.26m
DIY BANTUL	1916Z Wed 12 Oct 2011	1.57m
JATIM PACITAN	1916Z Wed 12 Oct 2011	0.58m
JATIM MALANG	1920Z Wed 12 Oct 2011	0.52m
JATIM TRENGGALEK	1922Z Wed 12 Oct 2011	0.80m
BALI DENPASAR PANTAI-SANUR	2336Z Wed 12 Oct 2011	0.53m
BALI GIANYAR	2336Z Wed 12 Oct 2011	0.53m
IRAN		
PUSHT	0846Z Wed 12 Oct 2011	0.66m
KONARAK	1200Z Wed 12 Oct 2011	0.54m
MISKI	1242Z Wed 12 Oct 2011	0.71m
SIRIK	1300Z Wed 12 Oct 2011	0.78m
SAR RIG	1350Z Wed 12 Oct 2011	0.92m
BIR	1648Z Wed 12 Oct 2011	1.02m
KENYA		
KIUNGA MARINE NATIONAL RESERVE	0918Z Wed 12 Oct 2011	2.10m
LAMU	0932Z Wed 12 Oct 2011	1.63m
MALINDI	0942Z Wed 12 Oct 2011	1.72m
KILIFI	0944Z Wed 12 Oct 2011	2.11m
MOMBASSA	0944Z Wed 12 Oct 2011	1.51m
KIPINI	0948Z Wed 12 Oct 2011	1.61m
MADAGASCAR		
VOHEMAR	0824Z Wed 12 Oct 2011	1.72m
AMPONDRABE	0834Z Wed 12 Oct 2011	2.58m
VOHEMAR	0834Z Wed 12 Oct 2011	1.46m
TOAMASINA AIRPORT	0842Z Wed 12 Oct 2011	2.04m
TOAMASINA	0844Z Wed 12 Oct 2011	2.19m
GLORIOSO ISLANDS	0848Z Wed 12 Oct 2011	0.90m
FENOARIVO ATSINANANA	0856Z Wed 12 Oct 2011	2.89m
ANTANANARIVO	0856Z Wed 12 Oct 2011	3.06m
ANTSIRANANA II	0900Z Wed 12 Oct 2011	1.04m
ANTSIRANANA II	0906Z Wed 12 Oct 2011	1.67m
ANTSIRANANA	0906Z Wed 12 Oct 2011	5.32m
ANTSIRANANA	0906Z Wed 12 Oct 2011	6.23m
BANC DU GEYSER	0906Z Wed 12 Oct 2011	0.76m
VANGAINDRANO	0908Z Wed 12 Oct 2011	6.09m
TAMPOLO	0912Z Wed 12 Oct 2011	3.23m
TOLANARO	0930Z Wed 12 Oct 2011	4.28m
LAVANONO	0952Z Wed 12 Oct 2011	2.57m
TOLIARA	1030Z Wed 12 Oct 2011	0.99m
ANDOANY	1102Z Wed 12 Oct 2011	1.18m
ANTSIANITIA	1122Z Wed 12 Oct 2011	1.46m
AMBENJA	1130Z Wed 12 Oct 2011	0.86m
MORONDAVA	1134Z Wed 12 Oct 2011	0.59m
MOROMBE	1204Z Wed 12 Oct 2011	0.62m
AMPOMBIANTAMBO	1314Z Wed 12 Oct 2011	0.89m
BELON-I TSIRIBIHINA	1320Z Wed 12 Oct 2011	0.80m
AMBANJA	1352Z Wed 12 Oct 2011	1.07m
MAINTIRANO	1520Z Wed 12 Oct 2011	0.64m

BESALAMPY	1904Z Wed 12 Oct 2011	0.54m
MALAYSIA		
KERIAN	0100Z Wed 12 Oct 2011	18.46m
MANJUNG	0138Z Wed 12 Oct 2011	2.99m
KLANG	0258Z Wed 12 Oct 2011	1.23m
KEDAH	0446Z Wed 12 Oct 2011	1.55m
KEDAH	0526Z Wed 12 Oct 2011	1.40m
BARAT DAYA	0528Z Wed 12 Oct 2011	1.56m
SEBERANG PERAI TENGAH	0626Z Wed 12 Oct 2011	1.09m
MALDIVES		
GAAFU-DHAALU ATOLL	0406Z Wed 12 Oct 2011	5.85m
KAAFU ATOLL	0408Z Wed 12 Oct 2011	5.02m
MEEMU ATOLL	0410Z Wed 12 Oct 2011	5.37m
SEENU ATOLL	0412Z Wed 12 Oct 2011	5.62m
THAA ATOLL	0422Z Wed 12 Oct 2011	6.33m
FAAFU ATOLL	0428Z Wed 12 Oct 2011	6.05m
HAA-DHAALU ATOLL	0430Z Wed 12 Oct 2011	4.14m
BAA ATOLL	0438Z Wed 12 Oct 2011	3.36m
ALIF-ALIF ATOLL	0440Z Wed 12 Oct 2011	3.39m
MAURITIUS		
LA FERME	0644Z Wed 12 Oct 2011	6.89m
CARGADOS CARAJOS	0718Z Wed 12 Oct 2011	9.63m
AGALEGA ISLAND	0722Z Wed 12 Oct 2011	3.01m
GRANDE REVIERE SUD EST	0726Z Wed 12 Oct 2011	4.58m
MOZAMBIQUE		
MERONVI	0948Z Wed 12 Oct 2011	1.26m
MAGANJA	0954Z Wed 12 Oct 2011	2.13m
TAVARI	1000Z Wed 12 Oct 2011	0.99m
MURREBUE	1002Z Wed 12 Oct 2011	1.16m
QUITERAJO	1004Z Wed 12 Oct 2011	1.77m
LURIO	1006Z Wed 12 Oct 2011	1.33m
MINHAUINE	1010Z Wed 12 Oct 2011	1.04m
NANGATA	1012Z Wed 12 Oct 2011	0.94m
CALAJULO	1020Z Wed 12 Oct 2011	0.79m
MOGINCUAL	1030Z Wed 12 Oct 2011	0.74m
INHAMBANE	1118Z Wed 12 Oct 2011	1.44m
INHASSORO	1138Z Wed 12 Oct 2011	1.07m
MAPUTO	1142Z Wed 12 Oct 2011	1.97m
OCONE	1156Z Wed 12 Oct 2011	0.83m
XAI-XAI	1200Z Wed 12 Oct 2011	2.99m
QUINGA	1204Z Wed 12 Oct 2011	0.63m
NATIQUINDE	1204Z Wed 12 Oct 2011	0.71m
AMADE	1204Z Wed 12 Oct 2011	0.78m
CHERINGOMA	1232Z Wed 12 Oct 2011	1.29m
NHANGAU	1236Z Wed 12 Oct 2011	1.33m
MOEBASE	1354Z Wed 12 Oct 2011	0.76m
PEBANE	1424Z Wed 12 Oct 2011	0.80m
MAGUEMBA	1536Z Wed 12 Oct 2011	1.40m
NAMORRE	1712Z Wed 12 Oct 2011	0.59m
CHULULU	1718Z Wed 12 Oct 2011	0.59m

MYANMAR		
THAN KYUN	0308Z Wed 12 Oct 2011	2.11m
LITTLE COCO ISLAND	0310Z Wed 12 Oct 2011	1.51m
GREAT WESTERN TORRES ISLAND	0314Z Wed 12 Oct 2011	1.54m
CLARA ISLAND	0328Z Wed 12 Oct 2011	0.98m
LORD LOUGHBOROUGH ISLAND	0332Z Wed 12 Oct 2011	1.94m
BAILEY ISLAND	0336Z Wed 12 Oct 2011	1.61m
PREPARIS ISLAND	0340Z Wed 12 Oct 2011	1.65m
TENASSERIM	0356Z Wed 12 Oct 2011	0.91m
KYWEGYAUNG	0448Z Wed 12 Oct 2011	1.38m
AUK BOK	0450Z Wed 12 Oct 2011	1.09m
MALI KYUN	0452Z Wed 12 Oct 2011	0.94m
TAZIN	0458Z Wed 12 Oct 2011	1.54m
ALANDAING	0500Z Wed 12 Oct 2011	1.62m
KAINGHAUNG ISLAND	0502Z Wed 12 Oct 2011	1.77m
MAGYIGYAING	0506Z Wed 12 Oct 2011	2.05m
PHARPON	0518Z Wed 12 Oct 2011	1.62m
KYAUKPYU	0526Z Wed 12 Oct 2011	1.81m
HEINZE BOK	0534Z Wed 12 Oct 2011	0.87m
DANI-THAGYA	0600Z Wed 12 Oct 2011	1.23m
NATHAHU	0616Z Wed 12 Oct 2011	1.23m
SITTWE	0646Z Wed 12 Oct 2011	2.64m
MAWYEN	0646Z Wed 12 Oct 2011	2.53m
CHEDUBA ISLAND	0658Z Wed 12 Oct 2011	1.68m
DANI	0702Z Wed 12 Oct 2011	2.24m
THAWINCHAUNG	0750Z Wed 12 Oct 2011	1.82m
YE	1124Z Wed 12 Oct 2011	1.16m
OMAN		
SHARBTHAT	0756Z Wed 12 Oct 2011	1.30m
JUZUR AL HALANIYAT	0800Z Wed 12 Oct 2011	1.85m
AL ASHKHARAH	0818Z Wed 12 Oct 2011	0.62m
DHALKUT	0818Z Wed 12 Oct 2011	2.17m
RASS AL HADD	0824Z Wed 12 Oct 2011	0.59m
QALHAT	0834Z Wed 12 Oct 2011	0.57m
JUWAYRAH	0838Z Wed 12 Oct 2011	0.94m
MUSCAT	0838Z Wed 12 Oct 2011	0.61m
SALALAH	0928Z Wed 12 Oct 2011	2.77m
MIRBAT	0938Z Wed 12 Oct 2011	2.02m
HASIK	0958Z Wed 12 Oct 2011	2.06m
MANADHIF	1044Z Wed 12 Oct 2011	1.24m
MASIRAH	1054Z Wed 12 Oct 2011	0.65m
AL JAZIR	1114Z Wed 12 Oct 2011	1.22m
ABU GHALAT	1132Z Wed 12 Oct 2011	1.55m
MUSANDAM	1244Z Wed 12 Oct 2011	0.88m
AL DUQM	1314Z Wed 12 Oct 2011	0.77m
BARKA	1622Z Wed 12 Oct 2011	0.67m
PAKISTAN		
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.72m
GWADAR	0840Z Wed 12 Oct 2011	0.58m
GWADAR	0842Z Wed 12 Oct 2011	0.72m
LASBELA	1200Z Wed 12 Oct 2011	1.30m
KARACHI	1204Z Wed 12 Oct 2011	1.88m

THATTA	1220Z Wed 12 Oct 2011	0.60m
LASBELA	2030Z Wed 12 Oct 2011	0.75m
REUNION		
SAINT - JOSEPH	0750Z Wed 12 Oct 2011	3.23m
SEYCHELLES		
TAKAMAKA	0710Z Wed 12 Oct 2011	2.32m
REMIRE ISLAND	0742Z Wed 12 Oct 2011	1.42m
ILE DESROCHES	0754Z Wed 12 Oct 2011	2.59m
FARQUHAR GROUP	0814Z Wed 12 Oct 2011	1.39m
PLATTE ISLAND	0820Z Wed 12 Oct 2011	4.06m
ASTOVE ISLAND	0838Z Wed 12 Oct 2011	1.37m
ALDABRA	0848Z Wed 12 Oct 2011	1.68m
FREGATE ISLAND	1044Z Wed 12 Oct 2011	2.23m
SOMALIA		
BANDARBEYLA	0812Z Wed 12 Oct 2011	2.79m
DARIMOH	0814Z Wed 12 Oct 2011	3.99m
HAFUN	0816Z Wed 12 Oct 2011	2.53m
HAFUN	0816Z Wed 12 Oct 2011	3.37m
NORTHERN HOBYO	0816Z Wed 12 Oct 2011	2.72m
EYL	0818Z Wed 12 Oct 2011	3.00m
GALKACYO	0818Z Wed 12 Oct 2011	2.71m
GALKACYO	0822Z Wed 12 Oct 2011	3.39m
TOOXIN	0822Z Wed 12 Oct 2011	1.42m
HURDYO	0826Z Wed 12 Oct 2011	1.12m
CEEL DHEER	0828Z Wed 12 Oct 2011	3.49m
SOUTHERN HOBYO	0828Z Wed 12 Oct 2011	4.00m
CEELBUUR	0830Z Wed 12 Oct 2011	1.72m
ITALA	0830Z Wed 12 Oct 2011	2.70m
XARARDHEERE	0832Z Wed 12 Oct 2011	2.98m
UARSCIECH	0832Z Wed 12 Oct 2011	3.54m
MAREEG	0834Z Wed 12 Oct 2011	3.33m
MUQDISHO	0844Z Wed 12 Oct 2011	4.08m
BARAAWE	0846Z Wed 12 Oct 2011	2.77m
BANAADIR	0846Z Wed 12 Oct 2011	3.28m
JILIB	0854Z Wed 12 Oct 2011	2.09m
LOWER JUBA	0902Z Wed 12 Oct 2011	2.44m
KISMAAYO	0904Z Wed 12 Oct 2011	2.68m
KISMAAYO	0914Z Wed 12 Oct 2011	2.51m
KISMAAYO	0914Z Wed 12 Oct 2011	2.25m
BAKI	1030Z Wed 12 Oct 2011	0.62m
BERBERA	1034Z Wed 12 Oct 2011	0.56m
CAPE GUARDAFUI	1126Z Wed 12 Oct 2011	0.54m
SOUTH AFRICA		
HLUHLUWE	1136Z Wed 12 Oct 2011	2.21m
ABORETUM	1140Z Wed 12 Oct 2011	2.77m
THANET	1150Z Wed 12 Oct 2011	3.30m
SRI LANKA		
AMPARA	0246Z Wed 12 Oct 2011	6.82m
BATTICALOA	0246Z Wed 12 Oct 2011	6.61m
TRINCOMALEE	0254Z Wed 12 Oct 2011	5.31m

MATARA	0256Z Wed 12 Oct 2011	5.16m
MULLAITIVU	0256Z Wed 12 Oct 2011	5.22m
HAMBANTOTA	0258Z Wed 12 Oct 2011	6.43m
GALLE	0306Z Wed 12 Oct 2011	4.35m
KILINOCHCHI	0310Z Wed 12 Oct 2011	4.08m
JAFNA	0324Z Wed 12 Oct 2011	2.30m
COLOMBO DISTRICT; KALUTARA	0330Z Wed 12 Oct 2011	4.05m
GAMPAHA	0336Z Wed 12 Oct 2011	2.46m
PUTTALAM	0348Z Wed 12 Oct 2011	1.95m
MANNAR ISLAND	0400Z Wed 12 Oct 2011	1.23m
TANZANIA		
ZANZIBAR	0938Z Wed 12 Oct 2011	1.49m
JIMBO	0942Z Wed 12 Oct 2011	1.66m
KILWA MASOKO	0944Z Wed 12 Oct 2011	1.22m
KUTANI	0944Z Wed 12 Oct 2011	2.18m
MADANGWA	0946Z Wed 12 Oct 2011	1.25m
KILWA MASOKO	0950Z Wed 12 Oct 2011	1.17m
GAZIJA	0950Z Wed 12 Oct 2011	1.48m
RUVU	0950Z Wed 12 Oct 2011	1.46m
JAJA	0952Z Wed 12 Oct 2011	1.29m
BOMALANDNI	0958Z Wed 12 Oct 2011	1.43m
VUMBA	1004Z Wed 12 Oct 2011	1.65m
KINONDONI	1010Z Wed 12 Oct 2011	1.76m
VUMBI	1050Z Wed 12 Oct 2011	1.36m
THAILAND		
PHUKET	0248Z Wed 12 Oct 2011	4.38m
TAKUA PA	0252Z Wed 12 Oct 2011	3.44m
KO RACHA	0306Z Wed 12 Oct 2011	3.00m
KHURA BURI	0320Z Wed 12 Oct 2011	2.98m
KO LANTA YAI	0334Z Wed 12 Oct 2011	2.17m
KO RA WI	0350Z Wed 12 Oct 2011	1.83m
TIMOR-LESTE		
DILI	0624Z Wed 12 Oct 2011	0.75m
UNITED ARAB EMIRATES		
ZIGGHY BAY	1252Z Wed 12 Oct 2011	1.00m
YEMEN		
SOCOTRA ISLAND SOUTH	0808Z Wed 12 Oct 2011	2.92m
AL GHAYDAH AIRPORT	0840Z Wed 12 Oct 2011	1.94m
ITAB	0912Z Wed 12 Oct 2011	1.08m
BROM MAYFA	0920Z Wed 12 Oct 2011	0.51m
HUSWAYN	1024Z Wed 12 Oct 2011	1.30m
AL QUMRAH	1032Z Wed 12 Oct 2011	0.90m
SOCOTRA ISLAND NORTH	1230Z Wed 12 Oct 2011	1.14m
HAMI	1314Z Wed 12 Oct 2011	0.65m
AL MUKALLA	1318Z Wed 12 Oct 2011	0.64m
BIR JABIR	1436Z Wed 12 Oct 2011	0.99m
ADEN	1450Z Wed 12 Oct 2011	0.75m
QAWAH	2226Z Wed 12 Oct 2011	0.55m

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RTSP AUSTRALIA for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN

BULLETIN NUMBER 14

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

TSUNAMI BULLETIN NUMBER 14
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 12:00 UTC 12 October 2011

... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN.

1. EARTHQUAKE INFORMATION
RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude:	9.2
Depth:	10km
Origin Time:	01:00 UTC 12 October 2011
Latitude:	3.300N
Longitude:	95.960E
Location:	Northern Sumatra, Indonesia

2. EVALUATION
Data from sea-level gauges confirmed that a TSUNAMI WAS GENERATED.

The expected period of significant tsunami waves is now over for all threatened Indian Ocean countries, based on RTSP AUSTRALIA modelling.

Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS
Listed below are maximum wave amplitudes recorded at the specified locations. Note that wave amplitude is measured relative to normal sea level: it is NOT the crest-to-trough wave height.

SABANG	INDONESIA	5.8N	95.3E	12 OCT 0135Z 4.0M
TELUKDALAM	INDONESIA	0.6N	97.8E	12 OCT 0212Z 2.5M
PADANG	INDONESIA	1.0S	100.4E	12 OCT 0251Z 0.5M
KO TAPHAO NOI	THAILAND	7.8N	98.4E	12 OCT 0335Z 4.4M
COCOS IS	AUSTRALIA	12.1S	96.9E	12 OCT 0330Z 2.0M
CHRISTMAS IS	AUSTRALIA	10.4S	105.7E	12 OCT 0344Z 0.6M
TRINCONMALEE	SRI LANKA	8.6N	81.2E	12 OCT 0306Z 3.8M
COLOMBO	SRI LANKA	6.9N	79.9E	12 OCT 0350Z 2.2M
LANGKAWI	MALAYSIA	6.9N	99.8E	12 OCT 0435Z 2.3M
MALE	MALDIVES	4.2N	73.5E	12 OCT 0424Z 3.3M
GAN	MALDIVES	0.7S	73.2E	12 OCT 0451Z 2.9M
HANIMAADHOO	MALDIVES	6.8N	73.2E	12 OCT 0455Z 2.9M
SITTWE	MYANMAR	20.2N	92.9E	12 OCT 0450Z 1.2M
DIEGO GARCIA	UK	7.3S	72.4E	12 OCT 0457Z 1.7M
CHITTAGONG	BANGLADESH	22.3N	91.8E	12 OCT 0630Z 1.0M
RODRIGUES	MAURITIUS	19.7S	63.4E	12 OCT 0655Z 1.6M
HILLARYS (PERTH)	AUSTRALIA	31.8S	115.7E	12 OCT 0730Z 0.5M
PORT LOUIS	MAURITIUS	20.2S	57.5E	12 OCT 0828Z 1.0M
SALALAH	OMAN	16.9N	54.0E	12 OCT 0809Z 0.5M
MASIRAH	OMAN	20.7N	58.9E	12 OCT 0825Z 0.4M
CHABAHAR	IRAN	25.3N	60.6E	12 OCT 0853Z 0.9M
LAMU	KENYA	2.3S	40.9E	12 OCT 1022Z 1.5M
MOMBASA	KENYA	4.1S	39.6E	12 OCT 1026Z 2.3M
ZANZIBAR	TANZANIA	6.2S	39.2E	12 OCT 1033Z 2.2M

4. ADVICE
This bulletin is being issued as advice. Only national/state/local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
No further bulletins will be issued by RTSP AUSTRALIA for this event unless additional information becomes available.

Other RTSPs may issue additional information at:
RTSP INDONESIA: http://rtsp.bmkg.go.id
RTSP INDIA: http://www.incois.gov.in/Incois/tsunami/COMM_login.jsp

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

RTSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)
Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
http://reg.bom.gov.au/tsunami/rtsp

END OF BULLETIN
---

4. RIMES BULLETINS

BULLETIN NUMBER 001

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0105-001

TSUNAMI BULLETIN NUMBER 1
RIMES
Issued at 0105 UTC Wednesday 12 October 2011

.....EARTHQUAKE INFORMATION BULLETIN.....

1. EARTHQUAKE INFORMATION
RIMES has detected an earthquake with following details:

Magnitude:	8.8 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Based on historical data and pre-run model scenarios, this earthquake is capable of generating destructive tsunami across Indian Ocean

3. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

4. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

5. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: +662-516-5905 to 07
Fax: +662-516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 002

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0112-002

TSUNAMI BULLETIN NUMBER 2
RIMES
Issued at 0112 UTC Wednesday 12 October 2011

.....POTENTIAL TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	8.8 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Earthquakes of this size are capable of generating tsunamis. However, so far, there is no confirmation about the triggering of a tsunami.

An investigation is under way to determine if a tsunami has been triggered. This RTSP will monitor sea level gauges and report if any tsunami wave activity has occurred. Based on pre-run model scenarios, the zones listed below are POTENTIALLY UNDER THREAT.

3. TSUNAMI THREAT FOR THE INDIAN OCEAN
The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum wave predicted for the zone. Zones where the estimated wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.
The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation on tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	0.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	1.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	1.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	2.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	1.91m	Threat
BARGUNA	0449Z 12 Oct 2011	2.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	1.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	1.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	4.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	3.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	3.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	2.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	1.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	1.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	1.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	1.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	1.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	1.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	1.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	2.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	2.07m	Threat
CHENNAI	0313Z 12 Oct 2011	1.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	1.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	2.50m	Threat
KAKINADA	0319Z 12 Oct 2011	2.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	2.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	1.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	1.84m	Threat
KOYYAM	329Z 12 Oct 2011	1.43m	Threat
PURI	0332Z 12 Oct 2011	1.52m	Threat
ASTRANG	0333Z 12 Oct 2011	1.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	1.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	0.93m	Threat
PARADIP	0347Z 12 Oct 2011	0.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	1.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	1.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	1.96m	Threat
QUILON	0420Z 12 Oct 2011	1.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	1.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	2.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	1.99m	Threat
COCHIN	0511Z 12 Oct 2011	1.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	9.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	7.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	15.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	6.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	7.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	8.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	6.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	7.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	12.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	13.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	3.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	6.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	11.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	3.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	11.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	7.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	6.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	3.27m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.02m	Threat
NAD PIDIE	0154Z 12 Oct 2011	7.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	2.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.38m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	7.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	3.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	2.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	2.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	7.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	3.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.02m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.06m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.16m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	2.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	2.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	2.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	1.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	1.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	1.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	2.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	1.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	1.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	2.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	1.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.49m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	3.57m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	2.38m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	1.69m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	1.50m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	1.73m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	1.35m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	1.30m	Threat

LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.45m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	1.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	3.27m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	3.27m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	2.23m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	1.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	2.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	1.56m	Threat
MADAGASCAR			
MANAKARA	0911Z 12 Oct 2011	1.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.09m	Threat
NAMORONA	0914Z 12 Oct 2011	1.67m	Threat
MANANTENINA	0930Z 12 Oct 2011	1.82m	Threat
SAMPONA	1001Z 12 Oct 2011	1.68m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	1.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	0.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	0.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	1.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	1.87m	Threat
FURADU	0403Z 12 Oct 2011	1.91m	Threat
GAN	0405Z 12 Oct 2011	1.70m	Threat
HITADDU	0406Z 12 Oct 2011	2.07m	Threat
GOADU	0406Z 12 Oct 2011	1.64m	Threat
MALE	0416Z 12 Oct 2011	2.15m	Threat
DIYAGLI	0420Z 12 Oct 2011	2.03m	Threat
KOLUFURI	0423Z 12 Oct 2011	2.17m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	1.14m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	1.33m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	1.60m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	1.24m	Threat
THAN KYUN	0233Z 12 Oct 2011	2.08m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	1.21m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	1.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	2.10m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	1.98m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	1.38m	Threat
NATHAHU	0259Z 12 Oct 2011	1.13m	Threat
TAZIN	0300Z 12 Oct 2011	1.32m	Threat
DANI	0304Z 12 Oct 2011	1.26m	Threat

KYWEGYAUNG	0307Z 12 Oct 2011	0.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	0.97m	Threat
MAWYEN	0313Z 12 Oct 2011	0.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	1.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	1.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	0.83m	Threat
SITTWE	0337Z 12 Oct 2011	1.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	0.62m	Threat
PHARPON	0351Z 12 Oct 2011	0.89m	Threat
YANGON-S	0353Z 12 Oct 2011	0.84m	Threat
AUK BOK	0357Z 12 Oct 2011	1.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	1.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	1.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	0.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	0.50m	Threat

OMAN

AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	1.13m	Threat

SEYCHELLES

TAKAMAKA	0818Z 12 Oct 2011	1.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	0.69m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.56m	Threat

SOMALIA

BANDARBEYLA	0805Z 12 Oct 2011	1.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	2.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	1.01m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	1.99m	Threat
DARIMOH	0815Z 12 Oct 2011	1.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	1.22m	Threat
HURDYO	0816Z 12 Oct 2011	1.73m	Threat
EYL	0821Z 12 Oct 2011	1.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	1.19m	Threat
HAFUN	0823Z 12 Oct 2011	0.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	1.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	1.51m	Threat
MAREEG	0829Z 12 Oct 2011	0.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	1.22m	Threat
ITALA	0833Z 12 Oct 2011	1.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	0.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	0.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	1.03m	Threat
JILIB	0901Z 12 Oct 2011	0.68m	Threat
TURDHO	0905Z 12 Oct 2011	1.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	0.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	0.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	0.76m	Threat
TOOXIN	0914Z 12 Oct 2011	1.38m	Threat

SRI LANKA

KATTANKUDI	0236Z 12 Oct 2011	2.47m	Threat
POTTUVIL	0239Z 12 Oct 2011	2.22m	Threat
YALA	0240Z 12 Oct 2011	2.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	2.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	2.27m	Threat
MATARA	0255Z 12 Oct 2011	2.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	2.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	2.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	1.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	1.36m	Threat
COLOMBO	0319Z 12 Oct 2011	1.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	1.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	1.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	11.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	11.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	6.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	6.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	3.44m	Threat
KO RA WI	0326Z 12 Oct 2011	3.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	1.31m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: 662- 516-5905 to 07
Fax: 662-516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 003

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0143-003

TSUNAMI BULLETIN NUMBER 003
RIMES
Issued at 0143 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat
MADAGASCAR			
MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat

CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat
OMAN			
AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat
SEYCHELLES			
TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat
SOMALIA			
BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat
SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat

POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat

THAILAND

PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat

TIMOR-LESTE

DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: 516-5905 to 07
Fax: 516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 004

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP - RIMES 20111012-0243-004

TSUNAMI BULLETIN NUMBER 004
RIMES
Issued at 0243 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat

LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat
MADAGASCAR			
MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat

KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat

OMAN

AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat

SEYCHELLES

TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat

SOMALIA

BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat

SRI LANKA

KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: 516-5905 to 07
Fax: 516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 005

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0343-005

TSUNAMI BULLETIN NUMBER 005
RIMES
Issued at 0343 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z 12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z 12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z 12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z 12 Oct 2011	4.4M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat

LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat
MADAGASCAR			
MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat

DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat

OMAN

AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat

SEYCHELLES

TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat

SOMALIA

BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat

SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: □516-5905 to 07
Fax: □516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 006

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0443-006

TSUNAMI BULLETIN NUMBER 006
RIMES
Issued at 0443 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z	12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z	12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z	12 Oct 2011	3.8M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat

LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat

MADAGASCAR

MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat

MALAYSIA

PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat

MALDIVES

MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat

MAURITIUS

LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat

MYANMAR

LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat

DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat

OMAN

AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat

SEYCHELLES

TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat

SOMALIA

BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat

SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: □516-5905 to 07
Fax: □516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 007

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0543-007

TSUNAMI BULLETIN NUMBER 007
RIMES
Issued at 0543 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z 12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z 12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z 12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z 12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z 12 Oct 2011	3.8M
Colombo (Srilanka)	6.95N	79.93E	0615Z 12 Oct 2011	3.3M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in

tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat

KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat

BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat
MADAGASCAR			
MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat

BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat

OMAN

AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat

SEYCHELLES

TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat

SOMALIA

BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat

TOOXIN	0914Z 12 Oct 2011	2.38m	Threat
SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: □516-5905 to 07
Fax: □516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 008

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0643-008

TSUNAMI BULLETIN NUMBER 008
RIMES
Issued at 0643 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z	12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z	12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z	12 Oct 2011	3.8M
Colombo (Srilanka)	6.95N	79.93E	0615Z	12 Oct 2011	3.3M
Male (Maldives)	4.19N	73.5E	0715Z	12 Oct 2011	2.9M
Hanimaadhoo (Maldives)	6.77N	73.2E	0725Z	12 Oct 2011	2.9M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat

RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat

SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat
MADAGASCAR			
MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat

THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat

OMAN

AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat

SEYCHELLES

TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat

SOMALIA

BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat

JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat
SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)

Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: 516-5905 to 07
Fax: 516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 009

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0743-009

TSUNAMI BULLETIN NUMBER 009
RIMES
Issued at 0743 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z	12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z	12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z	12 Oct 2011	3.8M
Colombo (Srilanka)	6.95N	79.93E	0615Z	12 Oct 2011	3.3M
Male (Maldives)	4.19N	73.5E	0715Z	12 Oct 2011	2.9M
Hanimaadhoo (Maldives)	6.77N	73.2E	0725Z	12 Oct 2011	2.9M
Diego_Garcia (Deigo_garcia)	7.29S	72.4E	0815Z	12 Oct 2011	1.7M
Chittagong (Bangladesh)	22.27N	91.8E	0835Z	12 Oct 2011	1.0M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat

MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat

SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat

MADAGASCAR

MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat

MALAYSIA

PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat

MALDIVES

MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat

MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat
OMAN			
AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat
SEYCHELLES			
TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat
SOMALIA			
BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat

HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat
SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:

RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: 516-5905 to 07
Fax: 516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 010

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-0943-010

TSUNAMI BULLETIN NUMBER 10
RIMES
Issued at 0943 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z	12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z	12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z	12 Oct 2011	3.8M

Colombo (Srilanka)	6.95N	79.93E	0615Z	12 Oct 2011	3.3M
Male (Maldives)	4.19N	73.5E	0715Z	12 Oct 2011	2.9M
Hanimaadhoo (Maldives)	6.77N	73.2E	0725Z	12 Oct 2011	2.9M
Diego_Garcia (Deigo_garcia)	7.29S	72.4E	0815Z	12 Oct 2011	1.7M
Chittagong (Bangladesh)	22.27N	91.8E	0835Z	12 Oct 2011	1.0M
Port_luis (Mauritieus)	20.16S	57.5E	0905Z	12 Oct 2011	1.0M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat
INDIA			
KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat

WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat
SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat

SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat

MADAGASCAR

MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat
SAMPONA	1001Z 12 Oct 2011	1.80m	Threat

MALAYSIA

PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat

MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat
OMAN			
AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat
SEYCHELLES			
TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat

SOMALIA			
BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat
SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat
BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat
TIMOR-LESTE			
DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: 516-5905 to 07
Fax: 516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 011

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RIMES 20111012-1043-011

TSUNAMI BULLETIN NUMBER 11
RIMES
Issued at 1043 UTC Wednesday 12 October 2011

.....CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RIMES has detected an earthquake with following details:

Magnitude:	9.2 Mw(MWP)
Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.
Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z	12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z	12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z	12 Oct 2011	3.8M
Colombo (Srilanka)	6.95N	79.93E	0615Z	12 Oct 2011	3.3M
Male (Maldives)	4.19N	73.5E	0715Z	12 Oct 2011	2.9M
Hanimaadhoo (Maldives)	6.77N	73.2E	0725Z	12 Oct 2011	2.9M
Diego_Garcia (Deigo_garcia)	7.29S	72.4E	0815Z	12 Oct 2011	1.7M
Chittagong (Bangladesh)	22.27N	91.8E	0835Z	12 Oct 2011	1.0M
Port_luis (Mauritieus)	20.16S	57.5E	0905Z	12 Oct 2011	1.0M
Salalah (Oman)	16.94N	54.0E	0955Z	12 Oct 2011	0.5M
Masirah (Oman)	20.68N	58.9E	1025Z	12 Oct 2011	0.4M

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone, and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimates wave amplitudes are less than 0.5m at the beach are not shown.

The list is grouped by country (alphabetic order) and ordered according to the earliest estimated times of arrival at the beach.

Please be aware that actual wave arrival times may differ from those below, 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.

The threat is deemed to have passed two hours after the forecast time for last exceedance of the 0.5m threat threshold for a zone. As local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA			
CHRISTMAS ISLAND	0407Z 12 Oct 2011	1.58m	Threat
PORT DENISON	0641Z 12 Oct 2011	2.28m	Threat
BANGLADESH			
CHALNA	0416Z 12 Oct 2011	3.50m	Threat
KUTUBDIA ISLAND	0429Z 12 Oct 2011	3.17m	Threat
COXS BAZAR	0443Z 12 Oct 2011	3.91m	Threat
BARGUNA	0449Z 12 Oct 2011	3.17m	Threat
BRITISH INDIAN OCEAN TERRITORY			
MORESBY ISLAND	0409Z 12 Oct 2011	2.56m	Threat
NW EGMONT ISLAND	0430Z 12 Oct 2011	2.81m	Threat
DIEGO GARCIA	0447Z 12 Oct 2011	2.42m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0100Z 12 Oct 2011	19.33m	Threat
INDIRA POINT	0100Z 12 Oct 2011	20.48m	Threat
CAR NICOBAR	0100Z 12 Oct 2011	17.11m	Threat
LITTLE ANDAMAN	0135Z 12 Oct 2011	15.98m	Threat
NORTH SENTINEL ISLAND	0144Z 12 Oct 2011	12.63m	Threat
PORT BLAIR	0150Z 12 Oct 2011	19.93m	Threat
HAVELOCK	0200Z 12 Oct 2011	10.08m	Threat
WEST & LANDFALL ISLAND	0208Z 12 Oct 2011	6.37m	Threat
FLAT ISLAND	0214Z 12 Oct 2011	10.89m	Threat
RANGATH BAY	0217Z 12 Oct 2011	8.73m	Threat
DIGLIPUR	0224Z 12 Oct 2011	6.36m	Threat
NAGAPATTINAM	0307Z 12 Oct 2011	8.28m	Threat
CUDDALORE	0308Z 12 Oct 2011	8.07m	Threat
CHENNAI	0313Z 12 Oct 2011	7.14m	Threat
SRIHARIKOTA	0314Z 12 Oct 2011	7.04m	Threat
MAHABALIPURAM	0317Z 12 Oct 2011	5.50m	Threat
KAKINADA	0319Z 12 Oct 2011	5.43m	Threat
MACHILIPATNAM	0320Z 12 Oct 2011	5.18m	Threat
KOTTAPATNAM	0323Z 12 Oct 2011	3.59m	Threat
VISAKHAPATNAM	0328Z 12 Oct 2011	7.84m	Threat
KOYYAM	0329Z 12 Oct 2011	4.43m	Threat
PURI	0332Z 12 Oct 2011	5.52m	Threat
ASTRANG	0333Z 12 Oct 2011	3.32m	Threat
GOPALPUR	0341Z 12 Oct 2011	2.12m	Threat
TUTICORIN	0342Z 12 Oct 2011	1.93m	Threat
PARADIP	0347Z 12 Oct 2011	1.51m	Threat
RAMESWARAM	0355Z 12 Oct 2011	9.62m	Threat
KOODANKULAM	0402Z 12 Oct 2011	4.11m	Threat
SAGAR & KAKDWIP	0418Z 12 Oct 2011	3.96m	Threat
QUILON	0420Z 12 Oct 2011	3.24m	Threat
TRIVANDRUM	0421Z 12 Oct 2011	7.62m	Threat
KANYAKUMARI	0426Z 12 Oct 2011	3.15m	Threat
ALLEPPEY ALAPPUZHA	0428Z 12 Oct 2011	3.99m	Threat
COCHIN	0511Z 12 Oct 2011	2.74m	Threat

INDONESIA

SUMBAR PESISIR-SELATAN S	0100Z 12 Oct 2011	10.97m	Threat
NAD ACEH-UTARA T	0106Z 12 Oct 2011	13.02m	Threat
NAD KOTA-BANDA-ACEH	0117Z 12 Oct 2011	14.88m	Threat
NAD KOTA-SABANG P.WEH	0118Z 12 Oct 2011	21.40m	Threat
NAD KOTA-LHOKSEUMAWE	0121Z 12 Oct 2011	13.71m	Threat
SUMBAR PADANG-PARIAMAN S	0121Z 12 Oct 2011	8.80m	Threat
NAD NAGAN-RAYA	0123Z 12 Oct 2011	13.68m	Threat
NAD ACEH-UTARA B	0124Z 12 Oct 2011	10.83m	Threat
NAD ACEH-JAYA	0127Z 12 Oct 2011	20.21m	Threat
NAD KOTA-LANGSA	0127Z 12 Oct 2011	14.31m	Threat
NAD KOTA-SABANG P.RONDO	0127Z 12 Oct 2011	15.20m	Threat
SUMBAR AGAM	0129Z 12 Oct 2011	4.90m	Threat
SUMUT NIAS T	0130Z 12 Oct 2011	7.93m	Threat
NAD ACEH-TAMIANG	0132Z 12 Oct 2011	12.30m	Threat
SUMBAR PASAMAN-BARAT	0135Z 12 Oct 2011	4.39m	Threat

SUMBAR PADANG-PARIAMAN U	0137Z 12 Oct 2011	13.07m	Threat
NAD BIREUEN	0137Z 12 Oct 2011	12.30m	Threat
SUMUT NIAS B	0144Z 12 Oct 2011	7.29m	Threat
SUMBAR KOTA-PARIAMAN	0144Z 12 Oct 2011	3.24m	Threat
SUMBAR KOTA-PADANG U	0147Z 12 Oct 2011	2.67m	Threat
BENGKULU BENGKULU-UTARA U	0150Z 12 Oct 2011	3.52m	Threat
NAD PIDIE	0154Z 12 Oct 2011	13.68m	Threat
SUMUT TAPANULI-TENGAH U	0155Z 12 Oct 2011	5.46m	Threat
SUMUT MANDAILING-NATAL S	0155Z 12 Oct 2011	4.88m	Threat
NAD ACEH-BESAR P.PENASI	0158Z 12 Oct 2011	22.72m	Threat
SUMUT DELISERDANG	0201Z 12 Oct 2011	5.09m	Threat
BENGKULU BENGKULU-UTARA S	0203Z 12 Oct 2011	3.39m	Threat
SUMUT LABUHANBATU	0203Z 12 Oct 2011	3.79m	Threat
NAD ACEH-BESAR P.BREUEH	0207Z 12 Oct 2011	27.25m	Threat
SUMUT MANDAILING-NATAL U	0211Z 12 Oct 2011	4.26m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0212Z 12 Oct 2011	2.82m	Threat
SUMUT TAPANULI-SELATAN	0222Z 12 Oct 2011	4.96m	Threat
NAD ACEH-BESAR B	0222Z 12 Oct 2011	5.56m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0239Z 12 Oct 2011	5.51m	Threat
SUMUT ASAHAN	0240Z 12 Oct 2011	3.07m	Threat
SUMUT TAPANULI-TENGAH S	0240Z 12 Oct 2011	5.24m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0244Z 12 Oct 2011	5.67m	Threat
SUMUT KOTA-MEDAN	0244Z 12 Oct 2011	4.50m	Threat
SUMUT NIAS-SELATAN P.PINI	0244Z 12 Oct 2011	4.62m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0249Z 12 Oct 2011	3.76m	Threat
SUMUT NIAS-SELATAN P.NIAS	0249Z 12 Oct 2011	3.79m	Threat
SUMUT KOTA-SIBOLGA	0250Z 12 Oct 2011	6.34m	Threat
SUMUT SERDANG-BEDAGAI	0251Z 12 Oct 2011	4.38m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0252Z 12 Oct 2011	2.57m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0259Z 12 Oct 2011	1.89m	Threat
BENGKULU MUKOMUKO	0259Z 12 Oct 2011	1.21m	Threat
NAD ACEH-BESAR U	0300Z 12 Oct 2011	4.47m	Threat
SUMUT LANGKAT	0302Z 12 Oct 2011	3.78m	Threat
BENGKULU SELUMA	0302Z 12 Oct 2011	2.19m	Threat
BENGKULU KAUR	0305Z 12 Oct 2011	2.00m	Threat
SUMBAR PESISIR-SELATAN U	0306Z 12 Oct 2011	2.37m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0306Z 12 Oct 2011	2.41m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0311Z 12 Oct 2011	2.15m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0313Z 12 Oct 2011	1.89m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0316Z 12 Oct 2011	1.83m	Threat
LAMPUNG TANGGAMUS T	0329Z 12 Oct 2011	3.22m	Threat
NAD ACEH-BARAT	0333Z 12 Oct 2011	4.49m	Threat
NAD ACEH-TIMUR	0333Z 12 Oct 2011	4.23m	Threat
NAD ACEH-SELATAN S	0422Z 12 Oct 2011	3.04m	Threat
NAD ACEH-SELATAN U	0436Z 12 Oct 2011	2.41m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500Z 12 Oct 2011	7.62m	Threat
NAD ACEH-SINGKIL	0511Z 12 Oct 2011	3.09m	Threat
NAD SIMEULUE P.SIMEULUE	0601Z 12 Oct 2011	5.56m	Threat

MADAGASCAR

MANAKARA	0911Z 12 Oct 2011	2.88m	Threat
FARAFAGANA	0911Z 12 Oct 2011	2.11m	Threat
NAMORONA	0914Z 12 Oct 2011	1.91m	Threat
MANANTENINA	0930Z 12 Oct 2011	2.02m	Threat

SAMPONA	1001Z 12 Oct 2011	1.80m	Threat
MALAYSIA			
PULAU LANGKAWI	0405Z 12 Oct 2011	8.92m	Threat
SUNGAI PETANI	0419Z 12 Oct 2011	6.75m	Threat
BAGAN AYER ITAM	0453Z 12 Oct 2011	6.61m	Threat
TANJUNG PIANDANG	0740Z 12 Oct 2011	4.24m	Threat
MALDIVES			
MAMIGILI	0403Z 12 Oct 2011	4.97m	Threat
FURADU	0403Z 12 Oct 2011	5.21m	Threat
GAN	0405Z 12 Oct 2011	5.50m	Threat
HITADDU	0406Z 12 Oct 2011	7.07m	Threat
GOADU	0406Z 12 Oct 2011	3.14m	Threat
MALE	0416Z 12 Oct 2011	7.04m	Threat
DIYAGLI	0420Z 12 Oct 2011	7.52m	Threat
KOLUFURI	0423Z 12 Oct 2011	8.22m	Threat
MAURITIUS			
LA FERME	0432Z 12 Oct 2011	4.26m	Threat
CARGADOS CARAJOS	0643Z 12 Oct 2011	3.14m	Threat
GRANDE REVIERE SUD EST	0715Z 12 Oct 2011	2.73m	Threat
MYANMAR			
LITTLE COCO ISLAND	0232Z 12 Oct 2011	5.34m	Threat
THAN KYUN	0233Z 12 Oct 2011	12.01m	Threat
GREAT WESTERN TORRES ISLAND	0238Z 12 Oct 2011	3.44m	Threat
PREPARIS ISLAND	0241Z 12 Oct 2011	4.01m	Threat
LORD LOUGHBOROUGH ISLAND	0244Z 12 Oct 2011	12.03m	Threat
CLARA ISLAND	0254Z 12 Oct 2011	9.52m	Threat
BAILEY ISLAND	0254Z 12 Oct 2011	8.38m	Threat
NATHAHU	0259Z 12 Oct 2011	4.13m	Threat
TAZIN	0300Z 12 Oct 2011	4.32m	Threat
DANI	0304Z 12 Oct 2011	4.26m	Threat
KYWEGYAUNG	0307Z 12 Oct 2011	5.74m	Threat
CHEDUBA ISLAND	0310Z 12 Oct 2011	5.97m	Threat
MAWYEN	0313Z 12 Oct 2011	6.74m	Threat
MAGYIGYAING	0316Z 12 Oct 2011	5.53m	Threat
TENASSERIM	0325Z 12 Oct 2011	4.21m	Threat
KYAUKPYU	0329Z 12 Oct 2011	4.83m	Threat
SITTWE	0337Z 12 Oct 2011	4.05m	Threat
THAWINCHAUNG	0342Z 12 Oct 2011	3.62m	Threat
PHARPON	0351Z 12 Oct 2011	5.89m	Threat
YANGON-S	0353Z 12 Oct 2011	4.84m	Threat
AUK BOK	0357Z 12 Oct 2011	6.68m	Threat
MALI KYUN	0407Z 12 Oct 2011	5.03m	Threat
KAINGHAUNG ISLAND	0407Z 12 Oct 2011	5.19m	Threat
HEINZE BOK	0412Z 12 Oct 2011	5.90m	Threat
DANI-THAGYA	0421Z 12 Oct 2011	5.50m	Threat

OMAN			
AL SAADA SPORTS COMPLEX	0932Z 12 Oct 2011	2.13m	Threat
SEYCHELLES			
TAKAMAKA	0818Z 12 Oct 2011	3.90m	Threat
ALPHONSE ISLAND	0836Z 12 Oct 2011	2.81m	Threat
FREGATE ISLAND	0850Z 12 Oct 2011	0.91m	Threat
SOMALIA			
BANDARBEYLA	0805Z 12 Oct 2011	4.57m	Threat
ISKUSHUBAN	0810Z 12 Oct 2011	4.27m	Threat
JARIIBAN	0812Z 12 Oct 2011	3.11m	Threat
NORTHERN HOBYO	0812Z 12 Oct 2011	4.99m	Threat
DARIMOH	0815Z 12 Oct 2011	4.70m	Threat
GALDOGOB	0815Z 12 Oct 2011	4.22m	Threat
HURDYO	0816Z 12 Oct 2011	5.73m	Threat
EYL	0821Z 12 Oct 2011	5.53m	Threat
CEELBUUR	0823Z 12 Oct 2011	4.19m	Threat
HAFUN	0823Z 12 Oct 2011	4.78m	Threat
SOUTHERN HOBYO	0823Z 12 Oct 2011	4.45m	Threat
XARARDHEERE	0827Z 12 Oct 2011	5.51m	Threat
MAREEG	0829Z 12 Oct 2011	3.94m	Threat
CEEL DHEER	0832Z 12 Oct 2011	4.22m	Threat
ITALA	0833Z 12 Oct 2011	3.18m	Threat
UARSCIECH	0840Z 12 Oct 2011	3.78m	Threat
MUQDISHO	0846Z 12 Oct 2011	3.56m	Threat
BEYNAX BARRE	0849Z 12 Oct 2011	4.03m	Threat
JILIB	0901Z 12 Oct 2011	3.68m	Threat
TURDHO	0905Z 12 Oct 2011	2.32m	Threat
CAPE GUARDAFUI	0906Z 12 Oct 2011	1.52m	Threat
KISMAAYO	0909Z 12 Oct 2011	2.84m	Threat
NE BEERNAASI	0913Z 12 Oct 2011	2.76m	Threat
TOOXIN	0914Z 12 Oct 2011	2.38m	Threat
SRI LANKA			
KATTANKUDI	0236Z 12 Oct 2011	12.87m	Threat
POTTUVIL	0239Z 12 Oct 2011	11.22m	Threat
YALA	0240Z 12 Oct 2011	12.33m	Threat
PULMODDAI	0243Z 12 Oct 2011	12.72m	Threat
ANAITIVU	0244Z 12 Oct 2011	12.27m	Threat
MATARA	0255Z 12 Oct 2011	12.16m	Threat
CHUNDIKKULAM	0300Z 12 Oct 2011	11.36m	Threat
HIKKADUWA	0306Z 12 Oct 2011	10.21m	Threat
POINT PEDRO	0313Z 12 Oct 2011	9.30m	Threat
NEGOMBO	0319Z 12 Oct 2011	7.36m	Threat
COLOMBO	0319Z 12 Oct 2011	5.74m	Threat
MUNDAL LAKE	0332Z 12 Oct 2011	4.11m	Threat
MANNAR ISLAND	0344Z 12 Oct 2011	4.50m	Threat
THAILAND			
PHUKET	0221Z 12 Oct 2011	13.52m	Threat

BAN KHAO BA	0223Z 12 Oct 2011	12.10m	Threat
KO RACHA YAI	0235Z 12 Oct 2011	12.47m	Threat
KO SURIN TAI	0252Z 12 Oct 2011	9.11m	Threat
KO LANTA YAI	0317Z 12 Oct 2011	8.44m	Threat
KO RA WI	0326Z 12 Oct 2011	8.66m	Threat

TIMOR-LESTE

DILI	0656Z 12 Oct 2011	2.39m	Threat

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION
REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: □516-5905 to 07
Fax: □516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN

BULLETIN NUMBER 012

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

RTSP - RIMES 20111012-1100-012

TSUNAMI BULLETIN NUMBER 12
RIMES
Issued at 1100 UTC Wednesday 12 October 2011

.....FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN.....

1. EARTHQUAKE INFORMATION (Revised)
RTSP RIMES has detected an earthquake with following details:

Magnitude: 9.2 Mw(MWP)

Depth:	10 Km
Date:	12 OCT 2011
Origin Time:	0100 UTC
Latitude:	3.3N
Longitude:	95.96E
Location:	Northern Sumatra Indonesia

2. EVALUATION
Data from sea level gauges confirmed that a tsunami was generated.

The expected period of significant tsunami waves is now over for all threatened Indian Ocean countries, based on RIMES modeling.

Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/ state/ local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS
Listed below are maximum wave amplitudes recorded at the specified locations. Note that wave amplitude is measured relative to normal sea level; it is NOT the crest-to-trough wave height.

LOCATION	LAT	LON	TIME	DATE	AMP(m)
Sabang (Indonesia)	5.83N	95.3E	0135Z	12 Oct 2011	4.0M
Telukdalam (Indonesia)	0.55N	97.8E	0345Z	12 Oct 2011	2.5M
Padang (Indonesia)	1.00S	100.37E	0415Z	12 Oct 2011	0.5M
Ko_Taphao_Noi (Thailand)	7.84N	98.4E	0435Z	12 Oct 2011	4.4M
Trinconmalee (Srilanka)	8.56N	81.25E	0506Z	12 Oct 2011	3.8M
Colombo (Srilanka)	6.95N	79.93E	0615Z	12 Oct 2011	3.3M
Male (Maldives)	4.19N	73.5E	0715Z	12 Oct 2011	2.9M
Hanimaadhoo (Maldives)	6.77N	73.2E	0725Z	12 Oct 2011	2.9M
Diego_Garcia (Deigo_garcia)	7.29S	72.4E	0815Z	12 Oct 2011	1.7M
Chittagong (Bangladesh)	22.27N	91.8E	0835Z	12 Oct 2011	1.0M
Port_luis (Mauritieus)	20.16S	57.5E	0905Z	12 Oct 2011	1.0M
Salalah (Oman)	16.94N	54.0E	0955Z	12 Oct 2011	0.5M
Masirah (Oman)	20.68N	58.9E	1025Z	12 Oct 2011	0.4M
Chabahar (Iran)	25.26N	60.6E	1035Z	12 Oct 2011	0.9M

4. ADVICE
This bulletin is being issued as advice. Only national/ state/ local authorities and disaster management officers have the authority to make decisions regarding the official threat and warning status in their coastal areas and any action to be taken in response.

5. UPDATES
Additional bulletins will be issued by RIMES for this event as more information becomes available.

Other RTSPs may issue additional information at:
RTSP AUSTRALIA: http://www.bom.gov.au/tsunami/rtwp_new/
RTSP INDIA: http://www.tsunami.incois.gov.in/ITEWS
RTSP INDONESIA: http://rtsp.bmkg.gov.id

In case of conflicting information from RTSPs or the IAS (PTWC, JMA), the more conservative information should be used for safety.

6. CONTACT INFORMATION

REGIONAL INTEGRATED MULTI-HAZARD EARLY WARNING SYSTEM (RIMES)
Address: Outreach Building, AIT Campus, Pathumthani 12120 Thailand
Tel.: □516-5905 to 07
Fax: □516-5908 to 09
Email: tsunami@rimes.int
Website: www.rimes.int

END OF BULLETIN