

**Intergovernmental Oceanographic Commission  
Technical Series**



**EXERCISE INDIAN OCEAN WAVE 2014  
An Indian Ocean-wide Tsunami Warning and  
Communication Exercise**

**ANNEX 2: RTSP BULLETINS FOR  
SCENARIO 2 MAKRAN TRENCH**

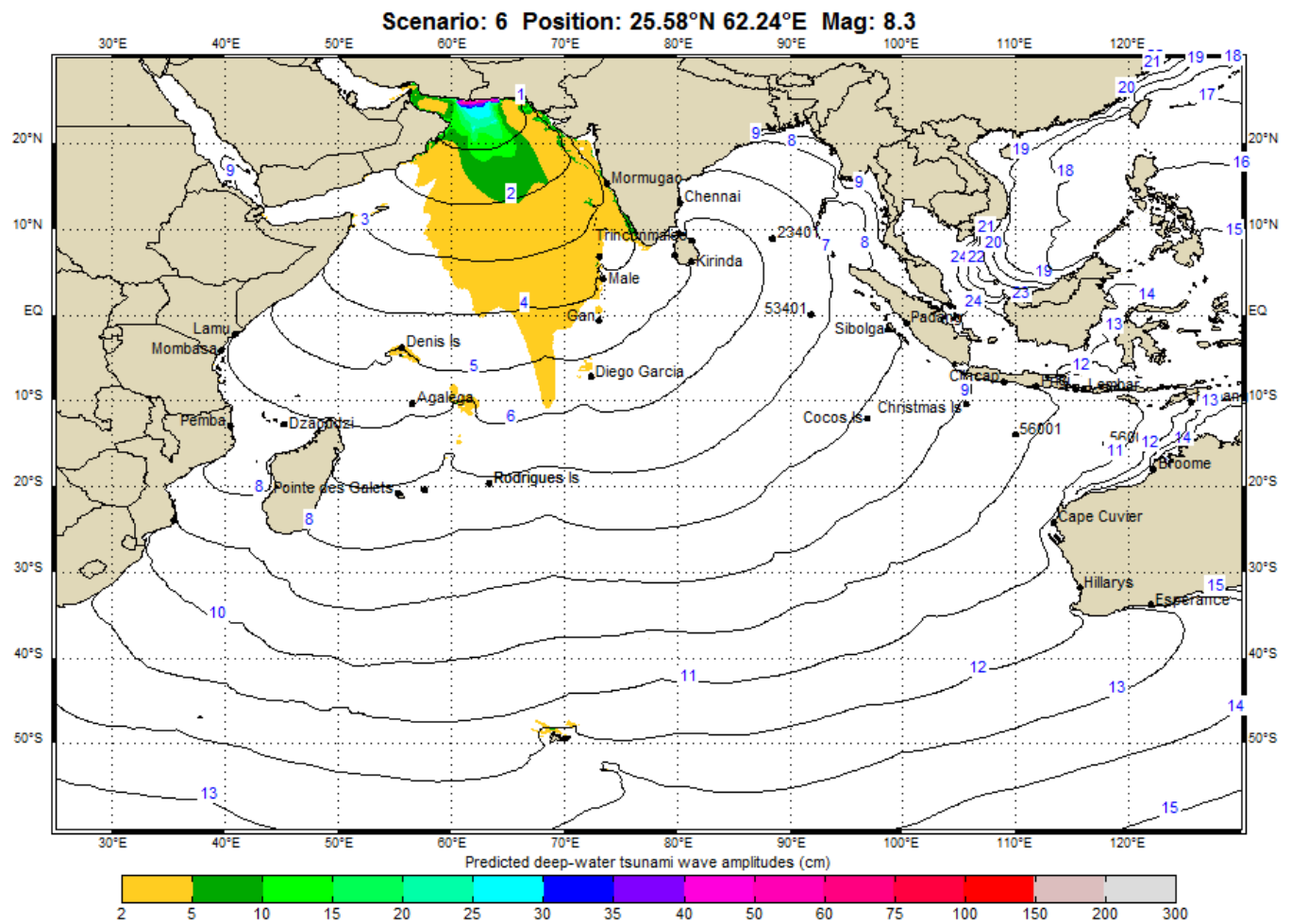
**UNESCO 2014**

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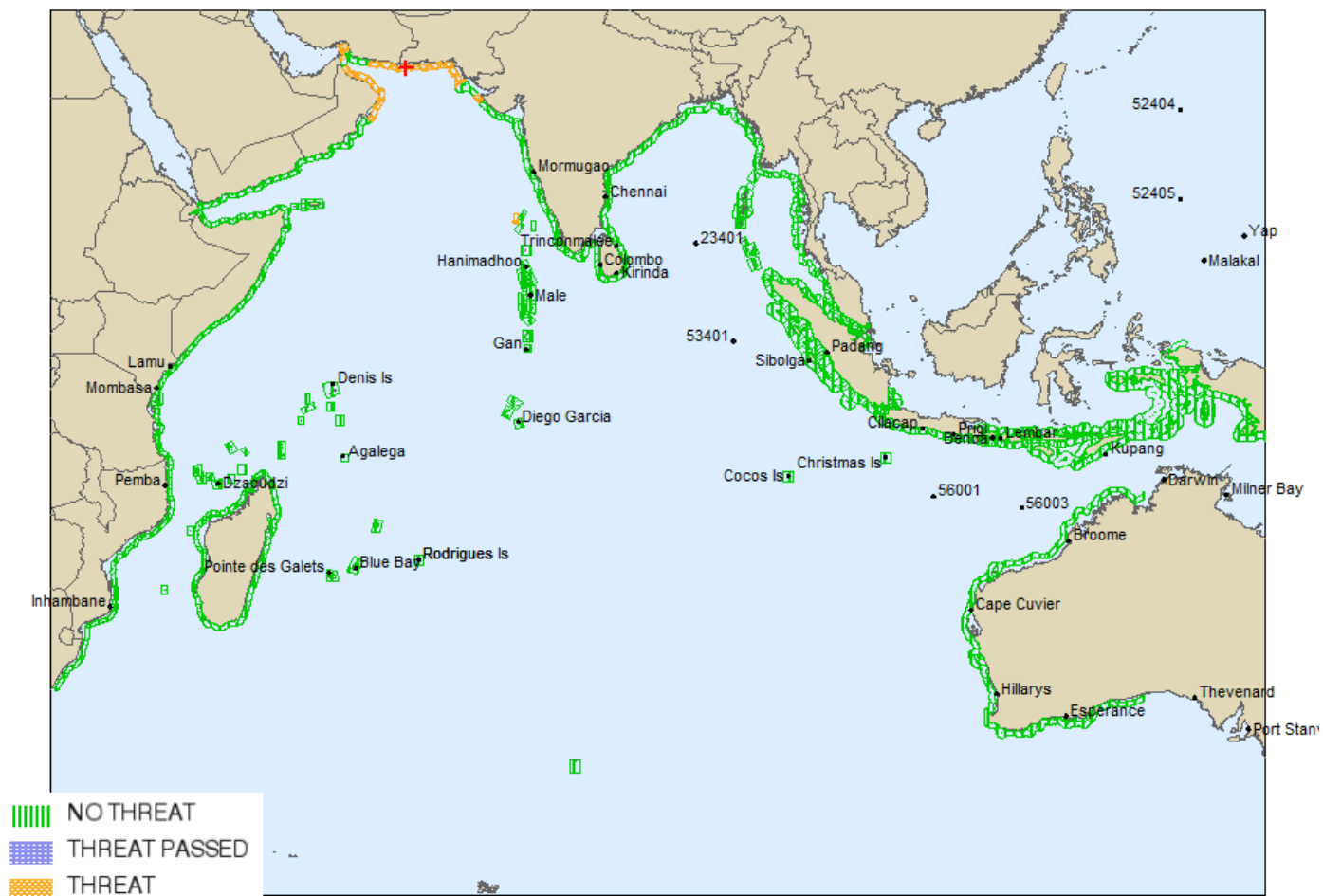
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## RTSP AUSTRALIA MAPS

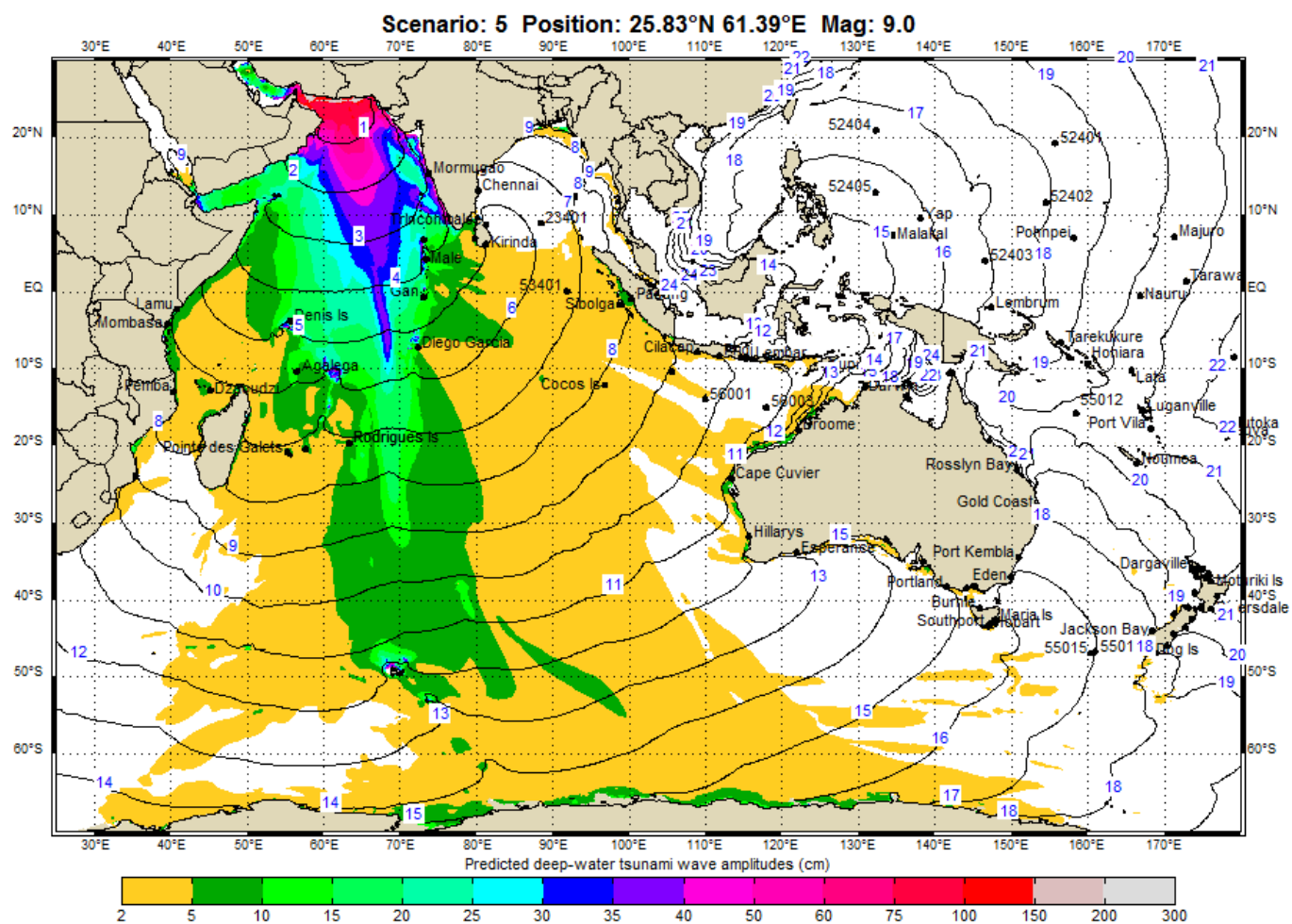
RTSP Australia Energy / Travel Times Map for Bulletins 2 and 3 (EQ Magnitude 8.3):



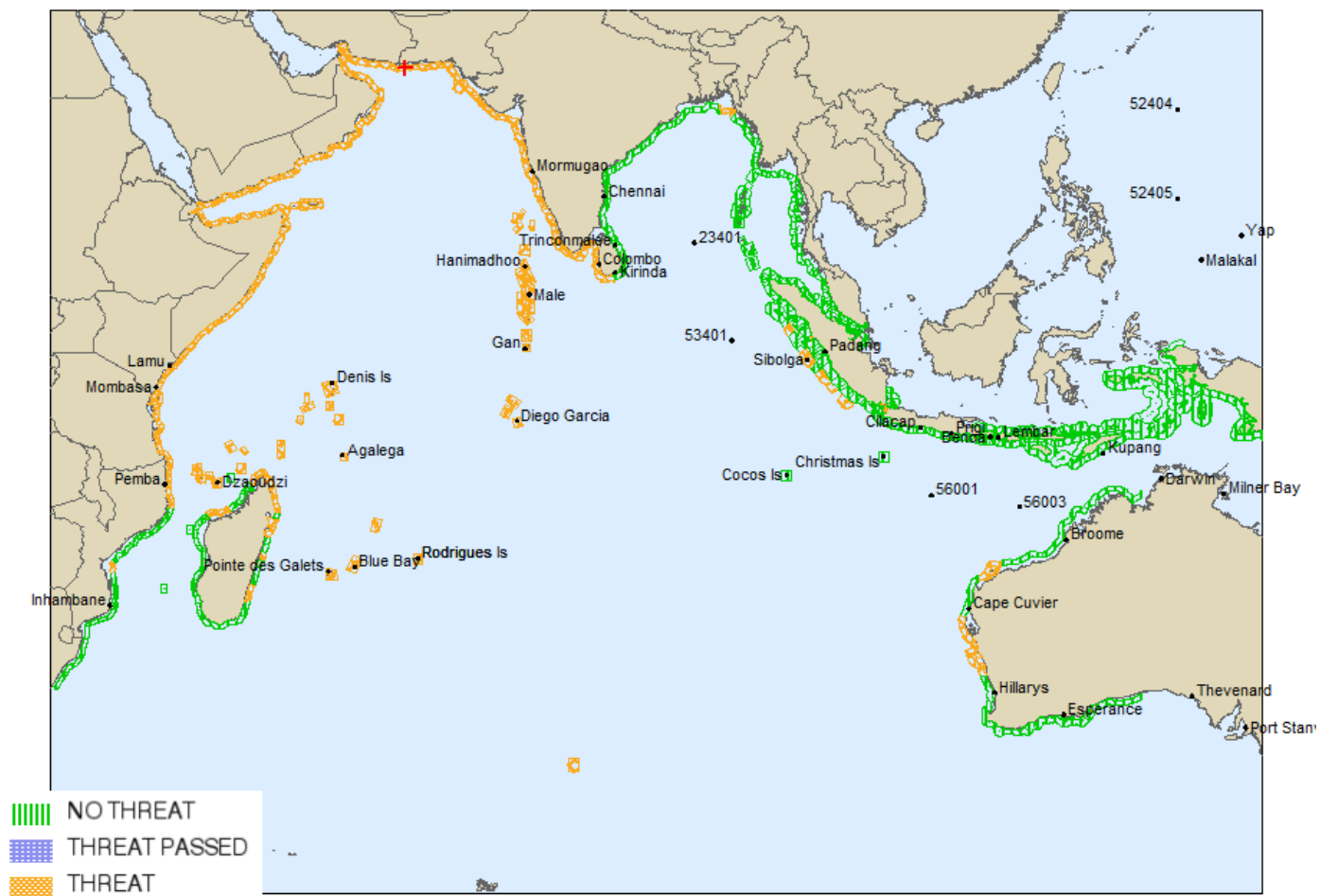
# RTSP Australia Threat Map for Bulletins 2 and 3 (EQ Magnitude 8.3):



## RTSP Australia Energy / Travel Times Map for Bulletins 4 to 15 (EQ Magnitude 9.0):



RTSP Australia Threat Map for Bulletins 4 to 15 (EQ Magnitude 9.0):



# RTSP AUSTRALIA BULLETINS

```
#####  
#  
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####
```

```
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TSUNAMI BULLETIN NUMBER 1  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at 0608 UTC Wednesday 10 September 2014  
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```

... EARTHQUAKE INFORMATION BULLETIN ...

## 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following preliminary information:

Magnitude: 8.3 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

## 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://reg.bom.gov.au/tsunami/rtsp>.

## 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/eqevents.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 BULLETIN

```
#####  
#  
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####  
#####
```

#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 2  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 0610 UTC Wednesday 10 September 2014  
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... POTENTIAL TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 8.3 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 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.

##### INDIA

DWARKA	0830Z 10Sep2014	0.51m
AGATTI	0858Z 10Sep2014	0.60m

##### IRAN

PUSHT	0600Z 10Sep2014	2.56m
MACHAN	0608Z 10Sep2014	0.97m



BIR 0636Z 10Sep2014 0.59m  
SIRIK 1014Z 10Sep2014 0.75m  
SAR RIG 1124Z 10Sep2014 0.58m

OMAN

QALHAT 0624Z 10Sep2014 1.22m  
MUSCAT 0624Z 10Sep2014 0.95m  
RASS AL HADD 0626Z 10Sep2014 1.16m  
BARKA 0632Z 10Sep2014 3.16m  
AL ASHKHARAH 0644Z 10Sep2014 0.93m  
MASIRAH 0702Z 10Sep2014 0.60m  
ABU GHALAT 0702Z 10Sep2014 0.61m  
SUHAR 0718Z 10Sep2014 0.51m  
AL KHABURAH 0724Z 10Sep2014 0.73m  
MUSANDAM 0802Z 10Sep2014 0.51m

PAKISTAN

BAGAR 0600Z 10Sep2014 4.99m  
PASNI 0600Z 10Sep2014 3.19m  
ORMARA 0600Z 10Sep2014 0.89m  
JIWANI 0600Z 10Sep2014 4.32m  
KUND MALIR BEACH- MAKHRAN HIGHWAY 0654Z 10Sep2014 0.83m  
WINDER 0712Z 10Sep2014 0.73m  
SINDH 0736Z 10Sep2014 0.61m  
KARACHI 0746Z 10Sep2014 0.73m

UNITED ARAB EMIRATES

ZIGGHY BAY 1108Z 10Sep2014 0.51m

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/eqevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
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TSUNAMI BULLETIN NUMBER 3  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 0615 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 8.3 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

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

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Ormara	PAKISTAN	25.20N	64.07E	4.60m	10 Sep 06:10 UTC

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.

INDIA  
DWARKA 0830Z 10Sep2014 0.51m  
AGATTI 0858Z 10Sep2014 0.60m

IRAN  
PUSHT 0600Z 10Sep2014 2.56m  
MACHAN 0608Z 10Sep2014 0.97m

BIR 0636Z 10Sep2014 0.59m  
SIRIK 1014Z 10Sep2014 0.75m  
SAR RIG 1124Z 10Sep2014 0.58m

OMAN

QALHAT 0624Z 10Sep2014 1.22m  
MUSCAT 0624Z 10Sep2014 0.95m  
RASS AL HADD 0626Z 10Sep2014 1.16m  
BARKA 0632Z 10Sep2014 3.16m  
AL ASHKHARAH 0644Z 10Sep2014 0.93m  
MASIRAH 0702Z 10Sep2014 0.60m  
ABU GHALAT 0702Z 10Sep2014 0.61m  
SUHAR 0718Z 10Sep2014 0.51m  
AL KHABURAH 0724Z 10Sep2014 0.73m  
MUSANDAM 0802Z 10Sep2014 0.51m

PAKISTAN

BAGAR 0600Z 10Sep2014 4.99m  
PASNI 0600Z 10Sep2014 3.19m  
ORMARA 0600Z 10Sep2014 0.89m  
JIWANI 0600Z 10Sep2014 4.32m  
KUND MALIR BEACH- MAKHRAN HIGHWAY 0654Z 10Sep2014 0.83m  
WINDER 0712Z 10Sep2014 0.73m  
SINDH 0736Z 10Sep2014 0.61m  
KARACHI 0746Z 10Sep2014 0.73m

UNITED ARAB EMIRATES

ZIGGHY BAY 1108Z 10Sep2014 0.51m

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.

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RTSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

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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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
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#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 4  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 0650 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

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

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Ormara	PAKISTAN	25.20N	64.07E	4.60m	10 Sep 06:10 UTC
Chabahar	IRAN	25.33N	60.50E	4.20m	10 Sep 06:15 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
BORROW ISLAND	1756Z 10Sep2014	0.51m
PORT DENISON	2324Z 10Sep2014	0.51m

BANGLADESH

COXS BAZAR	2144Z 10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z 11Sep2014	0.54m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	1058Z 10Sep2014	1.80m
NW EGMONT ISLAND	1108Z 10Sep2014	1.64m
DIEGO GARCIA	1138Z 10Sep2014	1.27m

COMOROS

BAMBAO	1220Z 10Sep2014	0.72m
DZAOUDZI	1226Z 10Sep2014	0.60m
FOMBONI	1228Z 10Sep2014	0.75m
CHEZANI	1334Z 10Sep2014	0.61m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
NW ARTA	1108Z 10Sep2014	2.86m

FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
AGATTI	0848Z 10Sep2014	2.86m
KAVARATTI	0856Z 10Sep2014	1.83m
MALVAN BAY	0900Z 10Sep2014	1.67m
AMINI	0900Z 10Sep2014	2.34m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
ANJANWEL	0916Z 10Sep2014	1.76m
MINICOY	0916Z 10Sep2014	1.55m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z 10Sep2014	1.75m
MADAYI KANNUR	0954Z 10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z 10Sep2014	1.84m
BEYPORE	1000Z 10Sep2014	2.04m
COCHIN	1000Z 10Sep2014	1.96m
MUMBAI	1002Z 10Sep2014	1.63m
QUILON	1004Z 10Sep2014	1.71m
TRIVANDRUM	1016Z 10Sep2014	1.32m
KANYAKUMARI	1030Z 10Sep2014	1.07m
KOODANKULAM	1100Z 10Sep2014	1.00m
TUTICORIN	1130Z 10Sep2014	0.64m
RAMESWARAM	1132Z 10Sep2014	0.57m

INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z 10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGANO	1450Z 10Sep2014	0.53m
SUMUT NIAS B	1826Z 10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z 10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z 10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z 10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z 11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z 11Sep2014	0.54m
BANTEN SERANG B	0310Z 11Sep2014	0.54m

LAMPUNG LAMPUNG-SELATAN KALIANDA 0314Z 11Sep2014 0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z	10Sep2014	0.69m
LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m
MVULENI	1226Z	10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z	10Sep2014	0.58m
MANGAOKA	1210Z	10Sep2014	0.51m
AMPONDRABE	1210Z	10Sep2014	0.71m
VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
TSARABARIA	1226Z	10Sep2014	0.62m
FARAHALANA	1232Z	10Sep2014	0.63m
AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO ATSINANANA	1346Z	10Sep2014	0.50m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
DHIYAMIGILI	0958Z	10Sep2014	1.87m
MALE	1004Z	10Sep2014	1.24m
THINADHOO	1012Z	10Sep2014	1.76m
KOLHUFUSHI	1020Z	10Sep2014	1.31m
HITHADHOO	1022Z	10Sep2014	1.42m

#### MAURITIUS

AGALEGA ISLAND	1148Z	10Sep2014	1.08m
LA FERME	1312Z	10Sep2014	1.67m
GRANDE REVIERE SUD EST	1322Z	10Sep2014	0.78m
CARGADOS CARAJOS	1322Z	10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z	10Sep2014	0.54m
MAGANJA	1300Z	10Sep2014	0.54m
TAVARI	1304Z	10Sep2014	0.54m
LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m

MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

#### OMAN

BARKA	0610Z	10Sep2014	16.49m
MUSCAT	0610Z	10Sep2014	12.59m
AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
AL ASHKHARAH	0636Z	10Sep2014	5.12m
MUSANDAM	0642Z	10Sep2014	5.07m
ABU GHALAT	0652Z	10Sep2014	3.45m
MASIRAH	0654Z	10Sep2014	3.06m
MANADHIF	0708Z	10Sep2014	2.33m
JUWAYRAH	0720Z	10Sep2014	2.06m
AL DUQM	0728Z	10Sep2014	2.29m
SHARBTHAT	0744Z	10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
HASIK	0754Z	10Sep2014	1.90m
AL JAZIR	0756Z	10Sep2014	1.71m
MIRBAT	0800Z	10Sep2014	1.41m
SALALAH	0808Z	10Sep2014	1.66m
DHALKUT	0820Z	10Sep2014	1.49m

#### PAKISTAN

BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
REMIRE ISLAND	1056Z	10Sep2014	0.97m
FREGATE ISLAND	1106Z	10Sep2014	1.97m
ILE DESROCHES	1108Z	10Sep2014	0.77m
ALPHONSE ISLAND	1114Z	10Sep2014	0.54m
COETIVY ISLAND	1122Z	10Sep2014	0.88m
PLATTE ISLAND	1128Z	10Sep2014	0.61m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m
ALDABRA	1146Z	10Sep2014	0.65m
FARQUHAR GROUP	1230Z	10Sep2014	0.54m

#### SOMALIA

CAPE GUARDAFUI	0914Z	10Sep2014	1.06m
HAFUN	0918Z	10Sep2014	1.05m
ABO	0922Z	10Sep2014	1.08m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
DARIMOH	0928Z	10Sep2014	0.97m
ISKUSHUBAN	0928Z	10Sep2014	1.02m
BANDARBEYLA	0928Z	10Sep2014	0.89m
HURDYO	0934Z	10Sep2014	0.98m
EYL	0938Z	10Sep2014	1.20m
HADAAFTIMO	0938Z	10Sep2014	1.11m

BOSASO	0942Z	10Sep2014	1.25m
JARIIBAN	0950Z	10Sep2014	1.14m
GALDOGOB	0952Z	10Sep2014	1.00m
GALGALA	0956Z	10Sep2014	1.12m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
SOUTHERN HOBYO	1002Z	10Sep2014	0.81m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
ITALA	1040Z	10Sep2014	0.63m
CEELBUUR	1040Z	10Sep2014	0.71m
UARSCIECH	1046Z	10Sep2014	0.61m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
MUQDISHO	1054Z	10Sep2014	0.55m
BEYNAX BARRE	1104Z	10Sep2014	0.60m
BARAAWE	1110Z	10Sep2014	0.68m
LOYADO	1114Z	10Sep2014	1.18m
JILIB	1120Z	10Sep2014	0.65m
TURDHO	1130Z	10Sep2014	0.54m
KISMAAYO	1136Z	10Sep2014	0.55m
KAAMBOONI	1144Z	10Sep2014	0.59m
NE BEERNAASI	1150Z	10Sep2014	0.58m

#### SRI LANKA

COLOMBO	1050Z	10Sep2014	0.64m
HIKKADUWA	1052Z	10Sep2014	0.58m
MATARA	1056Z	10Sep2014	0.56m
NEGOMBO	1100Z	10Sep2014	0.63m
MUNDAL LAKE	1100Z	10Sep2014	0.56m
MANNAR ISLAND	1156Z	10Sep2014	0.53m

#### TANZANIA

ZANZIBAR	1228Z	10Sep2014	0.62m
KUTANI	1230Z	10Sep2014	0.58m
MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUUU	1236Z	10Sep2014	0.63m
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBA	1238Z	10Sep2014	0.76m
MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

#### YEMEN

SOCOTRA ISLAND SOUTH	0826Z	10Sep2014	1.71m
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SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m
SOCOTRA ISLAND WEST	0850Z	10Sep2014	1.75m
ITAB	0858Z	10Sep2014	1.18m
AL QUMRAH	0912Z	10Sep2014	1.07m
HAMI	0916Z	10Sep2014	1.25m



AL MUKALLA	0922Z 10Sep2014	1.41m
BROM MAYFA	0926Z 10Sep2014	1.19m
YEMEN	0946Z 10Sep2014	0.86m
HISN BALID	0950Z 10Sep2014	1.07m
AHWAR	1004Z 10Sep2014	0.98m
KHANFAR	1022Z 10Sep2014	1.17m
BIR JABIR	1022Z 10Sep2014	1.09m
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#### 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.

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RTSP INDIA: <http://www.incois.gov.in/Incois/tsunami/egevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

-----  
TSUNAMI BULLETIN NUMBER 5  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 0750 UTC Wednesday 10 September 2014  
-----

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

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

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

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC

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  
DIRK HARTOG ISLAND WEST COAST 1746Z 10Sep2014 0.59m

BORROW ISLAND	1756Z	10Sep2014	0.51m
PORT DENISON	2324Z	10Sep2014	0.51m

#### BANGLADESH

COXS BAZAR	2144Z	10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z	11Sep2014	0.54m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	1058Z	10Sep2014	1.80m
NW EGMONT ISLAND	1108Z	10Sep2014	1.64m
DIEGO GARCIA	1138Z	10Sep2014	1.27m

#### COMOROS

BAMBAO	1220Z	10Sep2014	0.72m
DZAOUDZI	1226Z	10Sep2014	0.60m
FOMBONI	1228Z	10Sep2014	0.75m
CHEZANI	1334Z	10Sep2014	0.61m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z	10Sep2014	2.42m
NW ARTA	1108Z	10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z	10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z	10Sep2014	3.20m
PORBANDAR	0752Z	10Sep2014	2.01m
DWARKA	0756Z	10Sep2014	2.69m
VERAVAL	0810Z	10Sep2014	2.03m
AGATTI	0848Z	10Sep2014	2.86m
KAVARATTI	0856Z	10Sep2014	1.83m
MALVAN BAY	0900Z	10Sep2014	1.67m
AMINI	0900Z	10Sep2014	2.34m
PANAJI	0912Z	10Sep2014	1.86m
ANDROTH	0912Z	10Sep2014	2.40m
ANJANWEL	0916Z	10Sep2014	1.76m
MINICOY	0916Z	10Sep2014	1.55m
KARWAR	0922Z	10Sep2014	1.76m
AMRELI	0928Z	10Sep2014	2.58m
MANGALORE	0940Z	10Sep2014	1.93m
ALIBAG PORT	0950Z	10Sep2014	1.35m
GULF OF KHAMBAT	0952Z	10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z	10Sep2014	1.75m
MADAYI KANNUR	0954Z	10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z	10Sep2014	1.84m
BEYPORE	1000Z	10Sep2014	2.04m
COCHIN	1000Z	10Sep2014	1.96m
MUMBAI	1002Z	10Sep2014	1.63m
QUILON	1004Z	10Sep2014	1.71m
TRIVANDRUM	1016Z	10Sep2014	1.32m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m
RAMESWARAM	1132Z	10Sep2014	0.57m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m

BANTEN KOTA-CILEGON P.SANGIANG	0310Z 11Sep2014	0.54m
BANTEN SERANG B	0310Z 11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z 11Sep2014	0.60m

#### IRAN

MACHAN	0600Z 10Sep2014	6.76m
BIR	0600Z 10Sep2014	5.99m
JASK	0600Z 10Sep2014	7.38m
VANAK	0600Z 10Sep2014	12.69m
PUSHT	0600Z 10Sep2014	7.88m
MISKI	0616Z 10Sep2014	3.77m
SIRIK	0640Z 10Sep2014	3.60m
SAR RIG	0744Z 10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z 10Sep2014	0.69m
LAMU	1210Z 10Sep2014	0.69m
TAKAUNGU	1220Z 10Sep2014	0.66m
MALINDI	1222Z 10Sep2014	0.65m
KIPINI	1224Z 10Sep2014	0.85m
MVULENI	1226Z 10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z 10Sep2014	0.58m
MANGAOKA	1210Z 10Sep2014	0.51m
AMPONDRABE	1210Z 10Sep2014	0.71m
VOHEMAR	1214Z 10Sep2014	0.73m
MAHALINA	1220Z 10Sep2014	0.87m
TSARABARIA	1226Z 10Sep2014	0.62m
FARAHALANA	1232Z 10Sep2014	0.63m
AMBOHITRALANANA	1238Z 10Sep2014	0.56m
NOSY MAKAMBY	1302Z 10Sep2014	0.64m
TOAMASINA	1342Z 10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z 10Sep2014	0.67m
FENOARIVO ATSIANANA	1346Z 10Sep2014	0.50m
SOALALA	1356Z 10Sep2014	0.59m
BALY	1400Z 10Sep2014	0.60m
MANAKARA	1412Z 10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z 10Sep2014	0.59m
MAHAJANGA	1430Z 10Sep2014	0.63m
FARAFAGANA	1516Z 10Sep2014	0.66m
TAMPOLO	1720Z 10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z 10Sep2014	2.28m
GOIDHOO	0928Z 10Sep2014	2.22m
FERIDHOO	0940Z 10Sep2014	2.31m
NILANDHOO	0950Z 10Sep2014	1.99m
DHIYAMIGILI	0958Z 10Sep2014	1.87m
MALE	1004Z 10Sep2014	1.24m
THINADHOO	1012Z 10Sep2014	1.76m
KOLHUFUSHI	1020Z 10Sep2014	1.31m
HITHADHOO	1022Z 10Sep2014	1.42m

#### MAURITIUS

AGALEGA ISLAND	1148Z 10Sep2014	1.08m
LA FERME	1312Z 10Sep2014	1.67m
GRANDE REVIERE SUD EST	1322Z 10Sep2014	0.78m
CARGADOS CARAJOS	1322Z 10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z 10Sep2014	0.54m
MAGANJA	1300Z 10Sep2014	0.54m
TAVARI	1304Z 10Sep2014	0.54m

LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m
MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

#### OMAN

BARKA	0610Z	10Sep2014	16.49m
MUSCAT	0610Z	10Sep2014	12.59m
AL Khaburah	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
AL ASHKHARAH	0636Z	10Sep2014	5.12m
MUSANDAM	0642Z	10Sep2014	5.07m
ABU GHALAT	0652Z	10Sep2014	3.45m
MASIRAH	0654Z	10Sep2014	3.06m
MANADHIF	0708Z	10Sep2014	2.33m
JUWAYRAH	0720Z	10Sep2014	2.06m
AL DUQM	0728Z	10Sep2014	2.29m
SHARBTHAT	0744Z	10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
HASIK	0754Z	10Sep2014	1.90m
AL JAZIR	0756Z	10Sep2014	1.71m
MIRBAT	0800Z	10Sep2014	1.41m
SALALAH	0808Z	10Sep2014	1.66m
DHALKUT	0820Z	10Sep2014	1.49m

#### PAKISTAN

BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
REMIRE ISLAND	1056Z	10Sep2014	0.97m
FREGATE ISLAND	1106Z	10Sep2014	1.97m
ILE DESROCHES	1108Z	10Sep2014	0.77m
ALPHONSE ISLAND	1114Z	10Sep2014	0.54m
COETIVY ISLAND	1122Z	10Sep2014	0.88m
PLATTE ISLAND	1128Z	10Sep2014	0.61m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m
ALDABRA	1146Z	10Sep2014	0.65m
FARQUHAR GROUP	1230Z	10Sep2014	0.54m

#### SOMALIA

CAPE GUARDAFUI	0914Z	10Sep2014	1.06m
HAFUN	0918Z	10Sep2014	1.05m
ABO	0922Z	10Sep2014	1.08m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
DARIMOH	0928Z	10Sep2014	0.97m
ISKUSHUBAN	0928Z	10Sep2014	1.02m
BANDARBEYLA	0928Z	10Sep2014	0.89m
HURDYO	0934Z	10Sep2014	0.98m

EYL	0938Z	10Sep2014	1.20m
HADAAFTIMO	0938Z	10Sep2014	1.11m
BOSASO	0942Z	10Sep2014	1.25m
JARIIBAN	0950Z	10Sep2014	1.14m
GALDOGOB	0952Z	10Sep2014	1.00m
GALGALA	0956Z	10Sep2014	1.12m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
SOUTHERN HOBYO	1002Z	10Sep2014	0.81m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
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AHWAR	1004Z 10Sep2014	0.98m
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#### 4. ADVICE

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#### 5. UPDATES

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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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
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#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 6  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 0850 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

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Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
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Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

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Maximum wave amplitudes observed so far:

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Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC

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

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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.

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AUSTRALIA



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FOMBONI	1228Z	10Sep2014	0.75m
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NW ARTA	1108Z	10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z	10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z	10Sep2014	3.20m
PORBANDAR	0752Z	10Sep2014	2.01m
DWARKA	0756Z	10Sep2014	2.69m
VERAVAL	0810Z	10Sep2014	2.03m
AGATTI	0848Z	10Sep2014	2.86m
KAVARATTI	0856Z	10Sep2014	1.83m
MALVAN BAY	0900Z	10Sep2014	1.67m
AMINI	0900Z	10Sep2014	2.34m
PANAJI	0912Z	10Sep2014	1.86m
ANDROTH	0912Z	10Sep2014	2.40m
ANJANWEL	0916Z	10Sep2014	1.76m
MINICOY	0916Z	10Sep2014	1.55m
KARWAR	0922Z	10Sep2014	1.76m
AMRELI	0928Z	10Sep2014	2.58m
MANGALORE	0940Z	10Sep2014	1.93m
ALIBAG PORT	0950Z	10Sep2014	1.35m
GULF OF KHAMBAT	0952Z	10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z	10Sep2014	1.75m
MADAYI KANNUR	0954Z	10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z	10Sep2014	1.84m
BEYPORE	1000Z	10Sep2014	2.04m
COCHIN	1000Z	10Sep2014	1.96m
MUMBAI	1002Z	10Sep2014	1.63m
QUILON	1004Z	10Sep2014	1.71m
TRIVANDRUM	1016Z	10Sep2014	1.32m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m
RAMESWARAM	1132Z	10Sep2014	0.57m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m

LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z 11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z 11Sep2014	0.54m
BANTEN SERANG B	0310Z 11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z 11Sep2014	0.60m

#### IRAN

MACHAN	0600Z 10Sep2014	6.76m
BIR	0600Z 10Sep2014	5.99m
JASK	0600Z 10Sep2014	7.38m
VANAK	0600Z 10Sep2014	12.69m
PUSHT	0600Z 10Sep2014	7.88m
MISKI	0616Z 10Sep2014	3.77m
SIRIK	0640Z 10Sep2014	3.60m
SAR RIG	0744Z 10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z 10Sep2014	0.69m
LAMU	1210Z 10Sep2014	0.69m
TAKAUNGU	1220Z 10Sep2014	0.66m
MALINDI	1222Z 10Sep2014	0.65m
KIPINI	1224Z 10Sep2014	0.85m
MVULENI	1226Z 10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z 10Sep2014	0.58m
MANGAOKA	1210Z 10Sep2014	0.51m
AMPONDRABE	1210Z 10Sep2014	0.71m
VOHEMAR	1214Z 10Sep2014	0.73m
MAHALINA	1220Z 10Sep2014	0.87m
TSARABARIA	1226Z 10Sep2014	0.62m
FARAHALANA	1232Z 10Sep2014	0.63m
AMBOHITRALANANA	1238Z 10Sep2014	0.56m
NOSY MAKAMBY	1302Z 10Sep2014	0.64m
TOAMASINA	1342Z 10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z 10Sep2014	0.67m
FENOARIVO ATSIANANANA	1346Z 10Sep2014	0.50m
SOALALA	1356Z 10Sep2014	0.59m
BALY	1400Z 10Sep2014	0.60m
MANAKARA	1412Z 10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z 10Sep2014	0.59m
MAHAJANGA	1430Z 10Sep2014	0.63m
FARAFAGANA	1516Z 10Sep2014	0.66m
TAMPOLO	1720Z 10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z 10Sep2014	2.28m
GOIDHOO	0928Z 10Sep2014	2.22m
FERIDHOO	0940Z 10Sep2014	2.31m
NILANDHOO	0950Z 10Sep2014	1.99m
DHIYAMIGILI	0958Z 10Sep2014	1.87m
MALE	1004Z 10Sep2014	1.24m
THINADHOO	1012Z 10Sep2014	1.76m
KOLHUFUSHI	1020Z 10Sep2014	1.31m
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#### MAURITIUS

AGALEGA ISLAND	1148Z 10Sep2014	1.08m
LA FERME	1312Z 10Sep2014	1.67m
GRANDE REVIERE SUD EST	1322Z 10Sep2014	0.78m
CARGADOS CARAJOS	1322Z 10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z 10Sep2014	0.54m
MAGANJA	1300Z 10Sep2014	0.54m

TAVARI	1304Z	10Sep2014	0.54m
LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m
MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

#### OMAN

BARKA	0610Z	10Sep2014	16.49m
MUSCAT	0610Z	10Sep2014	12.59m
AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
AL ASHKHARAH	0636Z	10Sep2014	5.12m
MUSANDAM	0642Z	10Sep2014	5.07m
ABU GHALAT	0652Z	10Sep2014	3.45m
MASIRAH	0654Z	10Sep2014	3.06m
MANADHIF	0708Z	10Sep2014	2.33m
JUWAYRAH	0720Z	10Sep2014	2.06m
AL DUQM	0728Z	10Sep2014	2.29m
SHARBTHAT	0744Z	10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
HASIK	0754Z	10Sep2014	1.90m
AL JAZIR	0756Z	10Sep2014	1.71m
MIRBAT	0800Z	10Sep2014	1.41m
SALALAH	0808Z	10Sep2014	1.66m
DHALKUT	0820Z	10Sep2014	1.49m

#### PAKISTAN

BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKRAH HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
REMIRE ISLAND	1056Z	10Sep2014	0.97m
FREGATE ISLAND	1106Z	10Sep2014	1.97m
ILE DESROCHES	1108Z	10Sep2014	0.77m
ALPHONSE ISLAND	1114Z	10Sep2014	0.54m
COETIVY ISLAND	1122Z	10Sep2014	0.88m
PLATTE ISLAND	1128Z	10Sep2014	0.61m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m
ALDABRA	1146Z	10Sep2014	0.65m
FARQUHAR GROUP	1230Z	10Sep2014	0.54m

#### SOMALIA

CAPE GUARDAFUI	0914Z	10Sep2014	1.06m
HAFUN	0918Z	10Sep2014	1.05m
ABO	0922Z	10Sep2014	1.08m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
DARIMOH	0928Z	10Sep2014	0.97m
ISKUSHUBAN	0928Z	10Sep2014	1.02m
BANDARBEYLA	0928Z	10Sep2014	0.89m

HURDYO	0934Z	10Sep2014	0.98m
EYL	0938Z	10Sep2014	1.20m
HADAAFTIMO	0938Z	10Sep2014	1.11m
BOSASO	0942Z	10Sep2014	1.25m
JARIIBAN	0950Z	10Sep2014	1.14m
GALDOGOB	0952Z	10Sep2014	1.00m
GALGALA	0956Z	10Sep2014	1.12m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
SOUTHERN HOBYO	1002Z	10Sep2014	0.81m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
ITALA	1040Z	10Sep2014	0.63m
CEELBUUR	1040Z	10Sep2014	0.71m
UARSCIECH	1046Z	10Sep2014	0.61m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
MUQDISHO	1054Z	10Sep2014	0.55m
BEYNAX BARRE	1104Z	10Sep2014	0.60m
BARAAWE	1110Z	10Sep2014	0.68m
LOYADO	1114Z	10Sep2014	1.18m
JILIB	1120Z	10Sep2014	0.65m
TURDHO	1130Z	10Sep2014	0.54m
KISMAAYO	1136Z	10Sep2014	0.55m
KAAMBOONI	1144Z	10Sep2014	0.59m
NE BEERNAASI	1150Z	10Sep2014	0.58m

#### SRI LANKA

COLOMBO	1050Z	10Sep2014	0.64m
HIKKADUWA	1052Z	10Sep2014	0.58m
MATARA	1056Z	10Sep2014	0.56m
NEGOMBO	1100Z	10Sep2014	0.63m
MUNDAL LAKE	1100Z	10Sep2014	0.56m
MANNAR ISLAND	1156Z	10Sep2014	0.53m

#### TANZANIA

ZANZIBAR	1228Z	10Sep2014	0.62m
KUTANI	1230Z	10Sep2014	0.58m
MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUVU	1236Z	10Sep2014	0.63m
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBA	1238Z	10Sep2014	0.76m
MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

#### YEMEN

SOCOTRA ISLAND SOUTH	0826Z	10Sep2014	1.71m
AL GHAYDAH AIRPORT	0834Z	10Sep2014	1.84m
HUSWAYN	0842Z	10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m
SOCOTRA ISLAND WEST	0850Z	10Sep2014	1.75m

ITAB	0858Z 10Sep2014	1.18m
AL QUMRAH	0912Z 10Sep2014	1.07m
HAMI	0916Z 10Sep2014	1.25m
AL MUKALLA	0922Z 10Sep2014	1.41m
BROM MAYFA	0926Z 10Sep2014	1.19m
YEMEN	0946Z 10Sep2014	0.86m
HISN BALID	0950Z 10Sep2014	1.07m
AHWAR	1004Z 10Sep2014	0.98m
KHANFAR	1022Z 10Sep2014	1.17m
BIR JABIR	1022Z 10Sep2014	1.09m
ADEN	1038Z 10Sep2014	0.92m
QAWAH	1058Z 10Sep2014	1.39m

#### 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/eqevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 7  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 0950 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z	10Sep2014	0.59m
BORROW ISLAND	1756Z	10Sep2014	0.51m
PORT DENISON	2324Z	10Sep2014	0.51m

# BANGLADESH

COXS BAZAR	2144Z	10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z	11Sep2014	0.54m

# BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	1058Z	10Sep2014	1.80m
NW EGMONT ISLAND	1108Z	10Sep2014	1.64m
DIEGO GARCIA	1138Z	10Sep2014	1.27m

# COMOROS

BAMBAO	1220Z	10Sep2014	0.72m
DZAOUDZI	1226Z	10Sep2014	0.60m
FOMBONI	1228Z	10Sep2014	0.75m
CHEZANI	1334Z	10Sep2014	0.61m

# DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z	10Sep2014	2.42m
NW ARTA	1108Z	10Sep2014	2.86m

# FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z	10Sep2014	0.99m
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# INDIA

MANDVI	0712Z	10Sep2014	3.20m
PORBANDAR	0752Z	10Sep2014	2.01m
DWARKA	0756Z	10Sep2014	2.69m
VERAVAL	0810Z	10Sep2014	2.03m
AGATTI	0848Z	10Sep2014	2.86m
KAVARATTI	0856Z	10Sep2014	1.83m
MALVAN BAY	0900Z	10Sep2014	1.67m
AMINI	0900Z	10Sep2014	2.34m
PANAJI	0912Z	10Sep2014	1.86m
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MANGALORE	0940Z	10Sep2014	1.93m
ALIBAG PORT	0950Z	10Sep2014	1.35m
GULF OF KHAMBAT	0952Z	10Sep2014	1.63m
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QUILON	1004Z	10Sep2014	1.71m
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AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO ATSIANANA	1346Z	10Sep2014	0.50m
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BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
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MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

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MALE	1004Z	10Sep2014	1.24m
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HITHADHOO	1022Z	10Sep2014	1.42m

#### MAURITIUS

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LA FERME	1312Z	10Sep2014	1.67m
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CARGADOS CARAJOS	1322Z	10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z	10Sep2014	0.54m
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MAGANJA	1300Z	10Sep2014	0.54m
TAVARI	1304Z	10Sep2014	0.54m
LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m
MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

#### OMAN

BARKA	0610Z	10Sep2014	16.49m
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AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
AL ASHKHARAH	0636Z	10Sep2014	5.12m
MUSANDAM	0642Z	10Sep2014	5.07m
ABU GHALAT	0652Z	10Sep2014	3.45m
MASIRAH	0654Z	10Sep2014	3.06m
MANADHIF	0708Z	10Sep2014	2.33m
JUWAYRAH	0720Z	10Sep2014	2.06m
AL DUQM	0728Z	10Sep2014	2.29m
SHARBTHAT	0744Z	10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
HASIK	0754Z	10Sep2014	1.90m
AL JAZIR	0756Z	10Sep2014	1.71m
MIRBAT	0800Z	10Sep2014	1.41m
SALALAH	0808Z	10Sep2014	1.66m
DHALKUT	0820Z	10Sep2014	1.49m

#### PAKISTAN

BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
REMIRE ISLAND	1056Z	10Sep2014	0.97m
FREGATE ISLAND	1106Z	10Sep2014	1.97m
ILE DESROCHES	1108Z	10Sep2014	0.77m
ALPHONSE ISLAND	1114Z	10Sep2014	0.54m
COETIVY ISLAND	1122Z	10Sep2014	0.88m
PLATTE ISLAND	1128Z	10Sep2014	0.61m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m
ALDABRA	1146Z	10Sep2014	0.65m
FARQUHAR GROUP	1230Z	10Sep2014	0.54m

#### SOMALIA

CAPE GUARDAFUI	0914Z	10Sep2014	1.06m
HAFUN	0918Z	10Sep2014	1.05m
ABO	0922Z	10Sep2014	1.08m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
DARIMOH	0928Z	10Sep2014	0.97m
ISKUSHUBAN	0928Z	10Sep2014	1.02m

BANDARBEYLA	0928Z	10Sep2014	0.89m
HURDYO	0934Z	10Sep2014	0.98m
EYL	0938Z	10Sep2014	1.20m
HADAAFTIMO	0938Z	10Sep2014	1.11m
BOSASO	0942Z	10Sep2014	1.25m
JARIIBAN	0950Z	10Sep2014	1.14m
GALDOGOB	0952Z	10Sep2014	1.00m
GALGALA	0956Z	10Sep2014	1.12m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
SOUTHERN HOBYO	1002Z	10Sep2014	0.81m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
ITALA	1040Z	10Sep2014	0.63m
CEELBUUR	1040Z	10Sep2014	0.71m
UARSCIECH	1046Z	10Sep2014	0.61m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
MUQDISHO	1054Z	10Sep2014	0.55m
BEYNAX BARRE	1104Z	10Sep2014	0.60m
BARAAWE	1110Z	10Sep2014	0.68m
LOYADO	1114Z	10Sep2014	1.18m
JILIB	1120Z	10Sep2014	0.65m
TURDHO	1130Z	10Sep2014	0.54m
KISMAAYO	1136Z	10Sep2014	0.55m
KAAMBOONI	1144Z	10Sep2014	0.59m
NE BEERNAASI	1150Z	10Sep2014	0.58m

#### SRI LANKA

COLOMBO	1050Z	10Sep2014	0.64m
HIKKADUWA	1052Z	10Sep2014	0.58m
MATARA	1056Z	10Sep2014	0.56m
NEGOMBO	1100Z	10Sep2014	0.63m
MUNDAL LAKE	1100Z	10Sep2014	0.56m
MANNAR ISLAND	1156Z	10Sep2014	0.53m

#### TANZANIA

ZANZIBAR	1228Z	10Sep2014	0.62m
KUTANI	1230Z	10Sep2014	0.58m
MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUVU	1236Z	10Sep2014	0.63m
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBA	1238Z	10Sep2014	0.76m
MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

#### YEMEN

SOCOTRA ISLAND SOUTH	0826Z	10Sep2014	1.71m
AL GHAYDAH AIRPORT	0834Z	10Sep2014	1.84m
HUSWAYN	0842Z	10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m

SOCOTRA ISLAND WEST	0850Z 10Sep2014	1.75m
ITAB	0858Z 10Sep2014	1.18m
AL QUMRAH	0912Z 10Sep2014	1.07m
HAMI	0916Z 10Sep2014	1.25m
AL MUKALLA	0922Z 10Sep2014	1.41m
BROM MAYFA	0926Z 10Sep2014	1.19m
YEMEN	0946Z 10Sep2014	0.86m
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AHWAR	1004Z 10Sep2014	0.98m
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BIR JABIR	1022Z 10Sep2014	1.09m
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#### 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.

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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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 8  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 1050 UTC Wednesday 10 September 2014  
-----

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

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
BORROW ISLAND	1756Z 10Sep2014	0.51m
PORT DENISON	2324Z 10Sep2014	0.51m

#### BANGLADESH

COXS BAZAR	2144Z 10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z 11Sep2014	0.54m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	1058Z 10Sep2014	1.80m
NW EGMONT ISLAND	1108Z 10Sep2014	1.64m
DIEGO GARCIA	1138Z 10Sep2014	1.27m

#### COMOROS

BAMBAAO	1220Z 10Sep2014	0.72m
DZAOUDZI	1226Z 10Sep2014	0.60m
FOMBONI	1228Z 10Sep2014	0.75m
CHEZANI	1334Z 10Sep2014	0.61m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
NW ARTA	1108Z 10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
AGATTI	0848Z 10Sep2014	2.86m
KAVARATTI	0856Z 10Sep2014	1.83m
MALVAN BAY	0900Z 10Sep2014	1.67m
AMINI	0900Z 10Sep2014	2.34m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
ANJANWEL	0916Z 10Sep2014	1.76m
MINICOY	0916Z 10Sep2014	1.55m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z 10Sep2014	1.75m
MADAYI KANNUR	0954Z 10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z 10Sep2014	1.84m
BEYPORE	1000Z 10Sep2014	2.04m
COCHIN	1000Z 10Sep2014	1.96m
MUMBAI	1002Z 10Sep2014	1.63m
QUILON	1004Z 10Sep2014	1.71m
TRIVANDRUM	1016Z 10Sep2014	1.32m
KANYAKUMARI	1030Z 10Sep2014	1.07m
KOODANKULAM	1100Z 10Sep2014	1.00m
TUTICORIN	1130Z 10Sep2014	0.64m
RAMESWARAM	1132Z 10Sep2014	0.57m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z	10Sep2014	0.69m
LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m
MVULENI	1226Z	10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z	10Sep2014	0.58m
MANGAOKA	1210Z	10Sep2014	0.51m
AMPONDRABE	1210Z	10Sep2014	0.71m
VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
TSARABARIA	1226Z	10Sep2014	0.62m
FARAHALANA	1232Z	10Sep2014	0.63m
AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO ATSINANANA	1346Z	10Sep2014	0.50m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
DHIYAMIGILI	0958Z	10Sep2014	1.87m
MALE	1004Z	10Sep2014	1.24m
THINADHOO	1012Z	10Sep2014	1.76m
KOLHUFUSHI	1020Z	10Sep2014	1.31m
HITHADHOO	1022Z	10Sep2014	1.42m

#### MAURITIUS

AGALEGA ISLAND	1148Z	10Sep2014	1.08m
LA FERME	1312Z	10Sep2014	1.67m

GRANDE REVIERE SUD EST	1322Z 10Sep2014	0.78m
CARGADOS CARAJOS	1322Z 10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z 10Sep2014	0.54m
MAGANJA	1300Z 10Sep2014	0.54m
TAVARI	1304Z 10Sep2014	0.54m
LURIO	1306Z 10Sep2014	0.61m
MURREBUE	1306Z 10Sep2014	0.57m
MERONVI	1308Z 10Sep2014	0.54m
NANGATA	1310Z 10Sep2014	0.58m
MINHAUINE	1312Z 10Sep2014	0.60m
NHANGAU	0422Z 11Sep2014	0.54m

#### OMAN

MUSCAT	0610Z 10Sep2014	12.59m
BARKA	0610Z 10Sep2014	16.49m
AL KHABURAH	0614Z 10Sep2014	10.92m
QALHAT	0616Z 10Sep2014	10.60m
SUHAR	0618Z 10Sep2014	6.52m
RASS AL HADD	0622Z 10Sep2014	8.72m
MUSANDAM	0642Z 10Sep2014	5.07m
ABU GHALAT	0652Z 10Sep2014	3.45m
MASIRAH	0654Z 10Sep2014	3.06m
MANADHIF	0708Z 10Sep2014	2.33m
JUWAYRAH	0720Z 10Sep2014	2.06m
AL DUQM	0728Z 10Sep2014	2.29m
SHARBTHAT	0744Z 10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z 10Sep2014	1.85m
HASIK	0754Z 10Sep2014	1.90m
AL JAZIR	0756Z 10Sep2014	1.71m
SALALAH	0808Z 10Sep2014	1.66m
DHALKUT	0820Z 10Sep2014	1.49m

#### PAKISTAN

BAGAR	0600Z 10Sep2014	7.76m
PASNI	0600Z 10Sep2014	11.56m
ORMARA	0600Z 10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z 10Sep2014	4.21m
JIWANI	0600Z 10Sep2014	9.50m
WINDER	0630Z 10Sep2014	5.15m
KARACHI	0636Z 10Sep2014	4.04m
SINDH	0708Z 10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z 10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z 10Sep2014	1.95m
REMIRE ISLAND	1056Z 10Sep2014	0.97m
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CAPE GUARDAFUI	0914Z 10Sep2014	1.06m
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EYL	0938Z	10Sep2014	1.20m
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CEELBUUR	1040Z	10Sep2014	0.71m
UARSCIECH	1046Z	10Sep2014	0.61m
BAKI	1048Z	10Sep2014	1.56m
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LOYADO	1114Z	10Sep2014	1.18m
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JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

#### YEMEN

SOCOTRA ISLAND SOUTH	0826Z	10Sep2014	1.71m
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HUSWAYN	0842Z 10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z 10Sep2014	1.19m
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AL MUKALLA	0922Z 10Sep2014	1.41m
BROM MAYFA	0926Z 10Sep2014	1.19m
YEMEN	0946Z 10Sep2014	0.86m
HISN BALID	0950Z 10Sep2014	1.07m
AHWAR	1004Z 10Sep2014	0.98m
KHANFAR	1022Z 10Sep2014	1.17m
BIR JABIR	1022Z 10Sep2014	1.09m
ADEN	1038Z 10Sep2014	0.92m
QAWAH	1058Z 10Sep2014	1.39m

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#### 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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 9  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 1150 UTC Wednesday 10 September 2014  
-----

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

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Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

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Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
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FOMBONI	1228Z 10Sep2014	0.75m
CHEZANI	1334Z 10Sep2014	0.61m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
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#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
AGATTI	0848Z 10Sep2014	2.86m
KAVARATTI	0856Z 10Sep2014	1.83m
MALVAN BAY	0900Z 10Sep2014	1.67m
AMINI	0900Z 10Sep2014	2.34m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
ANJANWEL	0916Z 10Sep2014	1.76m
MINICOY	0916Z 10Sep2014	1.55m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z 10Sep2014	1.75m
MADAYI KANNUR	0954Z 10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z 10Sep2014	1.84m
BEYPORE	1000Z 10Sep2014	2.04m
COCHIN	1000Z 10Sep2014	1.96m
MUMBAI	1002Z 10Sep2014	1.63m
QUILON	1004Z 10Sep2014	1.71m
TRIVANDRUM	1016Z 10Sep2014	1.32m
KANYAKUMARI	1030Z 10Sep2014	1.07m
KOODANKULAM	1100Z 10Sep2014	1.00m

TUTICORIN	1130Z	10Sep2014	0.64m
RAMESWARAM	1132Z	10Sep2014	0.57m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z	10Sep2014	0.69m
LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m
MVULENI	1226Z	10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z	10Sep2014	0.58m
MANGAOKA	1210Z	10Sep2014	0.51m
AMPONDRABE	1210Z	10Sep2014	0.71m
VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
TSARABARIA	1226Z	10Sep2014	0.62m
FARAHALANA	1232Z	10Sep2014	0.63m
AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO ATSINANANA	1346Z	10Sep2014	0.50m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
DHIYAMIGILI	0958Z	10Sep2014	1.87m
MALE	1004Z	10Sep2014	1.24m
THINADHOO	1012Z	10Sep2014	1.76m
KOLHUFUSHI	1020Z	10Sep2014	1.31m
HITHADHOO	1022Z	10Sep2014	1.42m

MAURITIUS

AGALEGA ISLAND	1148Z	10Sep2014	1.08m
LA FERME	1312Z	10Sep2014	1.67m
GRANDE REVIERE SUD EST	1322Z	10Sep2014	0.78m
CARGADOS CARAJOS	1322Z	10Sep2014	0.82m

MOZAMBIQUE

QUITERAJO	1252Z	10Sep2014	0.54m
MAGANJA	1300Z	10Sep2014	0.54m
TAVARI	1304Z	10Sep2014	0.54m
LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m
MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

OMAN

MUSCAT	0610Z	10Sep2014	12.59m
BARKA	0610Z	10Sep2014	16.49m
AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
MUSANDAM	0642Z	10Sep2014	5.07m
ABU GHALAT	0652Z	10Sep2014	3.45m
MANADHIF	0708Z	10Sep2014	2.33m
JUWAYRAH	0720Z	10Sep2014	2.06m
AL DUQM	0728Z	10Sep2014	2.29m
SHARBTHAT	0744Z	10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
HASIK	0754Z	10Sep2014	1.90m
AL JAZIR	0756Z	10Sep2014	1.71m
SALALAH	0808Z	10Sep2014	1.66m
DHALKUT	0820Z	10Sep2014	1.49m

PAKISTAN

BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
REMIRE ISLAND	1056Z	10Sep2014	0.97m
FREGATE ISLAND	1106Z	10Sep2014	1.97m
ILE DESROCHES	1108Z	10Sep2014	0.77m
ALPHONSE ISLAND	1114Z	10Sep2014	0.54m
COETIVY ISLAND	1122Z	10Sep2014	0.88m
PLATTE ISLAND	1128Z	10Sep2014	0.61m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m
ALDABRA	1146Z	10Sep2014	0.65m
FARQUHAR GROUP	1230Z	10Sep2014	0.54m

SOMALIA

CAPE GUARDAFUI	0914Z	10Sep2014	1.06m
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HAFUN	0918Z	10Sep2014	1.05m
ABO	0922Z	10Sep2014	1.08m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
DARIMOH	0928Z	10Sep2014	0.97m
ISKUSHUBAN	0928Z	10Sep2014	1.02m
BANDARBEYLA	0928Z	10Sep2014	0.89m
HURDYO	0934Z	10Sep2014	0.98m
EYL	0938Z	10Sep2014	1.20m
HADAAFTIMO	0938Z	10Sep2014	1.11m
BOSASO	0942Z	10Sep2014	1.25m
JARIIBAN	0950Z	10Sep2014	1.14m
GALDOGOB	0952Z	10Sep2014	1.00m
GALGALA	0956Z	10Sep2014	1.12m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
SOUTHERN HOBYO	1002Z	10Sep2014	0.81m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
ITALA	1040Z	10Sep2014	0.63m
CEELBUUR	1040Z	10Sep2014	0.71m
UARSCIECH	1046Z	10Sep2014	0.61m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
MUQDISHO	1054Z	10Sep2014	0.55m
BEYNAX BARRE	1104Z	10Sep2014	0.60m
BARAAWE	1110Z	10Sep2014	0.68m
LOYADO	1114Z	10Sep2014	1.18m
JILIB	1120Z	10Sep2014	0.65m
TURDHO	1130Z	10Sep2014	0.54m
KISMAAYO	1136Z	10Sep2014	0.55m
KAAMBOONI	1144Z	10Sep2014	0.59m
NE BEERNAASI	1150Z	10Sep2014	0.58m

#### SRI LANKA

COLOMBO	1050Z	10Sep2014	0.64m
HIKKADUWA	1052Z	10Sep2014	0.58m
MATARA	1056Z	10Sep2014	0.56m
NEGOMBO	1100Z	10Sep2014	0.63m
MUNDAL LAKE	1100Z	10Sep2014	0.56m
MANNAR ISLAND	1156Z	10Sep2014	0.53m

#### TANZANIA

ZANZIBAR	1228Z	10Sep2014	0.62m
KUTANI	1230Z	10Sep2014	0.58m
MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUUVU	1236Z	10Sep2014	0.63m
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBA	1238Z	10Sep2014	0.76m
MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

YEMEN		
AL GHAYDAH AIRPORT	0834Z 10Sep2014	1.84m
HUSWAYN	0842Z 10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z 10Sep2014	1.19m
ITAB	0858Z 10Sep2014	1.18m
AL QUMRAH	0912Z 10Sep2014	1.07m
HAMI	0916Z 10Sep2014	1.25m
AL MUKALLA	0922Z 10Sep2014	1.41m
BROM MAYFA	0926Z 10Sep2014	1.19m
YEMEN	0946Z 10Sep2014	0.86m
HISN BALID	0950Z 10Sep2014	1.07m
AHWAR	1004Z 10Sep2014	0.98m
KHANFAR	1022Z 10Sep2014	1.17m
BIR JABIR	1022Z 10Sep2014	1.09m
ADEN	1038Z 10Sep2014	0.92m
QAWAH	1058Z 10Sep2014	1.39m

#### 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/eqevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

```
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TSUNAMI BULLETIN NUMBER 10
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 1250 UTC Wednesday 10 September 2014
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```

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

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
 Depth: 50km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.80N  
 Longitude: 62.20E  
 Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
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Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC
Pt LaRue	SEYCHELLES	4.50S	55.50E	1.05m	10 Sep 11:45 UTC
Agalega	MAURITIUS	10.30S	56.59E	0.40m	10 Sep 11:55 UTC
Lamu	KENYA	2.30S	40.90E	0.50m	10 Sep 12:10 UTC
Mombasa	KENYA	4.10S	39.65E	0.40m	10 Sep 12:25 UTC
Zanzibar	TANZANIA	6.20S	39.18E	0.40m	10 Sep 12:30 UTC

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.

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KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z 10Sep2014	1.75m
MADAYI KANNUR	0954Z 10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z 10Sep2014	1.84m
BEYPORE	1000Z 10Sep2014	2.04m
COCHIN	1000Z 10Sep2014	1.96m
MUMBAI	1002Z 10Sep2014	1.63m
QUILON	1004Z 10Sep2014	1.71m

TRIVANDRUM	1016Z	10Sep2014	1.32m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m
RAMESWARAM	1132Z	10Sep2014	0.57m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

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MACHAN	0600Z	10Sep2014	6.76m
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MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z	10Sep2014	0.69m
LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m
MVULENI	1226Z	10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z	10Sep2014	0.58m
MANGAOKA	1210Z	10Sep2014	0.51m
AMPONDRABE	1210Z	10Sep2014	0.71m
VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
TSARABARIA	1226Z	10Sep2014	0.62m
FARAHALANA	1232Z	10Sep2014	0.63m
AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO ATSINANANA	1346Z	10Sep2014	0.50m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
DHIYAMIGILI	0958Z	10Sep2014	1.87m
MALE	1004Z	10Sep2014	1.24m

THINADHOO	1012Z 10Sep2014	1.76m
KOLHUFUSHI	1020Z 10Sep2014	1.31m

#### MAURITIUS

AGALEGA ISLAND	1148Z 10Sep2014	1.08m
LA FERME	1312Z 10Sep2014	1.67m
GRANDE REVIERE SUD EST	1322Z 10Sep2014	0.78m
CARGADOS CARAJOS	1322Z 10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z 10Sep2014	0.54m
MAGANJA	1300Z 10Sep2014	0.54m
TAVARI	1304Z 10Sep2014	0.54m
LURIO	1306Z 10Sep2014	0.61m
MURREBUE	1306Z 10Sep2014	0.57m
MERONVI	1308Z 10Sep2014	0.54m
NANGATA	1310Z 10Sep2014	0.58m
MINHAUINE	1312Z 10Sep2014	0.60m
NHANGAU	0422Z 11Sep2014	0.54m

#### OMAN

MUSCAT	0610Z 10Sep2014	12.59m
BARKA	0610Z 10Sep2014	16.49m
AL KHABURAH	0614Z 10Sep2014	10.92m
QALHAT	0616Z 10Sep2014	10.60m
SUHAR	0618Z 10Sep2014	6.52m
RASS AL HADD	0622Z 10Sep2014	8.72m
MUSANDAM	0642Z 10Sep2014	5.07m
ABU GHALAT	0652Z 10Sep2014	3.45m
MANADHIF	0708Z 10Sep2014	2.33m
JUWAYRAH	0720Z 10Sep2014	2.06m
AL DUQM	0728Z 10Sep2014	2.29m
SHARBTHAT	0744Z 10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z 10Sep2014	1.85m
HASIK	0754Z 10Sep2014	1.90m
AL JAZIR	0756Z 10Sep2014	1.71m

#### PAKISTAN

BAGAR	0600Z 10Sep2014	7.76m
PASNI	0600Z 10Sep2014	11.56m
ORMARA	0600Z 10Sep2014	11.71m
KUND MALIR BEACH- MAKRAH HIGHWAY	0600Z 10Sep2014	4.21m
JIWANI	0600Z 10Sep2014	9.50m
WINDER	0630Z 10Sep2014	5.15m
KARACHI	0636Z 10Sep2014	4.04m
SINDH	0708Z 10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z 10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z 10Sep2014	1.95m
REMIRE ISLAND	1056Z 10Sep2014	0.97m
FREGATE ISLAND	1106Z 10Sep2014	1.97m
ILE DESROCHES	1108Z 10Sep2014	0.77m
ALPHONSE ISLAND	1114Z 10Sep2014	0.54m
COETIVY ISLAND	1122Z 10Sep2014	0.88m
PLATTE ISLAND	1128Z 10Sep2014	0.61m
ASTOVE ISLAND	1144Z 10Sep2014	0.61m
ALDABRA	1146Z 10Sep2014	0.65m
FARQUHAR GROUP	1230Z 10Sep2014	0.54m

#### SOMALIA

HAFUN	0918Z 10Sep2014	1.05m
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TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
HURDYO	0934Z	10Sep2014	0.98m
HADAAFTIMO	0938Z	10Sep2014	1.11m
EYL	0938Z	10Sep2014	1.20m
GALDOGOB	0952Z	10Sep2014	1.00m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
ANTERAL	1022Z	10Sep2014	1.10m
CEEL DHEER	1022Z	10Sep2014	0.75m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
UARSCIECH	1046Z	10Sep2014	0.61m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
MUQDISHO	1054Z	10Sep2014	0.55m
BEYNAX BARRE	1104Z	10Sep2014	0.60m
BARAAWE	1110Z	10Sep2014	0.68m
LOYADO	1114Z	10Sep2014	1.18m
JILIB	1120Z	10Sep2014	0.65m
TURDHO	1130Z	10Sep2014	0.54m
KISMAAYO	1136Z	10Sep2014	0.55m
KAAMBOONI	1144Z	10Sep2014	0.59m
NE BEERNAASI	1150Z	10Sep2014	0.58m

#### SRI LANKA

COLOMBO	1050Z	10Sep2014	0.64m
HIKKADUWA	1052Z	10Sep2014	0.58m
MATARA	1056Z	10Sep2014	0.56m
NEGOMBO	1100Z	10Sep2014	0.63m
MUNDAL LAKE	1100Z	10Sep2014	0.56m
MANNAR ISLAND	1156Z	10Sep2014	0.53m

#### TANZANIA

ZANZIBAR	1228Z	10Sep2014	0.62m
KUTANI	1230Z	10Sep2014	0.58m
MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUVU	1236Z	10Sep2014	0.63m
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBA	1238Z	10Sep2014	0.76m
MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

#### YEMEN

AL GHAYDAH AIRPORT	0834Z	10Sep2014	1.84m
HUSWAYN	0842Z	10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m
ITAB	0858Z	10Sep2014	1.18m
AL QUMRAH	0912Z	10Sep2014	1.07m
HAMI	0916Z	10Sep2014	1.25m
AL MUKALLA	0922Z	10Sep2014	1.41m
YEMEN	0946Z	10Sep2014	0.86m
HISN BALID	0950Z	10Sep2014	1.07m

AHWAR	1004Z 10Sep2014	0.98m
KHANFAR	1022Z 10Sep2014	1.17m
BIR JABIR	1022Z 10Sep2014	1.09m
ADEN	1038Z 10Sep2014	0.92m
QAWAH	1058Z 10Sep2014	1.39m

#### 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/eqeevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 11  
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)  
Issued at: 1350 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
Depth: 50km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.80N  
Longitude: 62.20E  
Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC
Pt LaRue	SEYCHELLES	4.50S	55.50E	1.05m	10 Sep 11:45 UTC
Agalega	MAURITIUS	10.30S	56.59E	0.40m	10 Sep 11:55 UTC
Lamu	KENYA	2.30S	40.90E	0.50m	10 Sep 12:10 UTC
Mombasa	KENYA	4.10S	39.65E	0.40m	10 Sep 12:25 UTC
Zanzibar	TANZANIA	6.20S	39.18E	0.40m	10 Sep 12:30 UTC
Mtwara	TANZANIA	10.33S	40.33E	0.40m	10 Sep 12:50 UTC
Deep Ocean Buoy 23401	NICOBAR ISLA	8.90N	88.50E	0.03m	10 Sep 13:00 UTC
Pemba	MOCAMBIQUE	13.00S	40.48E	0.30m	10 Sep 13:05 UTC
Rodrigues Island	INDIAN OCEAN	19.70S	63.42E	0.25m	10 Sep 13:10 UTC
Pt Louis	MAURITIUS	20.17S	57.33E	0.30m	10 Sep 13:25 UTC
Sainte Marie	REUNION	20.90S	55.54E	0.30m	10 Sep 13:30 UTC
Pointe des Galets	REUNION ISLA	20.90S	55.28E	0.30m	10 Sep 13:30 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
BORROW ISLAND	1756Z 10Sep2014	0.51m
PORT DENISON	2324Z 10Sep2014	0.51m

#### BANGLADESH

COXS BAZAR	2144Z 10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z 11Sep2014	0.54m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	1058Z 10Sep2014	1.80m
NW EGMONT ISLAND	1108Z 10Sep2014	1.64m
DIEGO GARCIA	1138Z 10Sep2014	1.27m

#### COMOROS

BAMBAO	1220Z 10Sep2014	0.72m
DZAOUDZI	1226Z 10Sep2014	0.60m
FOMBONI	1228Z 10Sep2014	0.75m
CHEZANI	1334Z 10Sep2014	0.61m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
NW ARTA	1108Z 10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
AMINI	0900Z 10Sep2014	2.34m
MALVAN BAY	0900Z 10Sep2014	1.67m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
ANJANWEL	0916Z 10Sep2014	1.76m
MINICOY	0916Z 10Sep2014	1.55m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m

CHANDRAGIRI FORT	0952Z	10Sep2014	1.75m
MADAYI KANNUR	0954Z	10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z	10Sep2014	1.84m
COCHIN	1000Z	10Sep2014	1.96m
BEYPORE	1000Z	10Sep2014	2.04m
MUMBAI	1002Z	10Sep2014	1.63m
QUILON	1004Z	10Sep2014	1.71m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

KIWAYU	1144Z	10Sep2014	0.69m
LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m
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VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
TSARABARIA	1226Z	10Sep2014	0.62m
FARAHALANA	1232Z	10Sep2014	0.63m
AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO ATSINANANA	1346Z	10Sep2014	0.50m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
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GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
MALE	1004Z	10Sep2014	1.24m
KOLHUFUSHI	1020Z	10Sep2014	1.31m

#### MAURITIUS

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#### MOZAMBIQUE

QUITERAJO	1252Z	10Sep2014	0.54m
MAGANJA	1300Z	10Sep2014	0.54m
TAVARI	1304Z	10Sep2014	0.54m
LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m
MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

#### OMAN

MUSCAT	0610Z	10Sep2014	12.59m
BARKA	0610Z	10Sep2014	16.49m
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SHARBTHAT	0744Z	10Sep2014	1.78m
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KUND MALIR BEACH- MAKRAH HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
REMIRE ISLAND	1056Z	10Sep2014	0.97m
FREGATE ISLAND	1106Z	10Sep2014	1.97m
ILE DESROCHES	1108Z	10Sep2014	0.77m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m
ALDABRA	1146Z	10Sep2014	0.65m
FARQUHAR GROUP	1230Z	10Sep2014	0.54m

#### SOMALIA

HAFUN	0918Z	10Sep2014	1.05m
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TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
HURDYO	0934Z	10Sep2014	0.98m
HADAAFTIMO	0938Z	10Sep2014	1.11m
GALDOGOB	0952Z	10Sep2014	1.00m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
LOYADO	1114Z	10Sep2014	1.18m
KISMAAYO	1136Z	10Sep2014	0.55m
KAAMBOONI	1144Z	10Sep2014	0.59m
NE BEERNAASI	1150Z	10Sep2014	0.58m

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COLOMBO	1050Z	10Sep2014	0.64m
NEGOMBO	1100Z	10Sep2014	0.63m
MUNDAL LAKE	1100Z	10Sep2014	0.56m
MANNAR ISLAND	1156Z	10Sep2014	0.53m

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ZANZIBAR	1228Z	10Sep2014	0.62m
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MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUVU	1236Z	10Sep2014	0.63m
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MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m

#### YEMEN

AL GHAYDAH AIRPORT	0834Z	10Sep2014	1.84m
HUSWAYN	0842Z	10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m
ITAB	0858Z	10Sep2014	1.18m
AL QUMRAH	0912Z	10Sep2014	1.07m
HAMI	0916Z	10Sep2014	1.25m
AL MUKALLA	0922Z	10Sep2014	1.41m
YEMEN	0946Z	10Sep2014	0.86m
HISN BALID	0950Z	10Sep2014	1.07m
AHWAR	1004Z	10Sep2014	0.98m
KHANFAR	1022Z	10Sep2014	1.17m
BIR JABIR	1022Z	10Sep2014	1.09m
ADEN	1038Z	10Sep2014	0.92m
QAWAH	1058Z	10Sep2014	1.39m

#### 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/eqevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

```
-----
TSUNAMI BULLETIN NUMBER 12
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 1450 UTC Wednesday 10 September 2014
-----
```

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

## 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
 Depth: 50km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.80N  
 Longitude: 62.20E  
 Location: OFF COAST OF PAKISTAN

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Pt LaRue	SEYCHELLES	4.50S	55.50E	1.05m	10 Sep 11:45 UTC
Agalega	MAURITIUS	10.30S	56.59E	0.40m	10 Sep 11:55 UTC
Lamu	KENYA	2.30S	40.90E	0.50m	10 Sep 12:10 UTC
Mombasa	KENYA	4.10S	39.65E	0.40m	10 Sep 12:25 UTC
Zanzibar	TANZANIA	6.20S	39.18E	0.40m	10 Sep 12:30 UTC
Mtwara	TANZANIA	10.33S	40.33E	0.40m	10 Sep 12:50 UTC
Deep Ocean Buoy 23401	NICOBAR ISLA	8.90N	88.50E	0.03m	10 Sep 13:00 UTC
Pemba	MOCAMBIQUE	13.00S	40.48E	0.30m	10 Sep 13:05 UTC
Pt Louis	MAURITIUS	20.17S	57.33E	0.30m	10 Sep 13:25 UTC
Sainte Marie	REUNION	20.90S	55.54E	0.30m	10 Sep 13:30 UTC
Pointe des Galets	REUNION ISLA	20.90S	55.28E	0.30m	10 Sep 13:30 UTC
Blue Bay	MAURITIUS	20.50S	57.67E	0.30m	10 Sep 13:35 UTC
Toamasina	MADAGASCAR	18.20S	49.43E	0.25m	10 Sep 13:35 UTC
Rodrigues Island	INDIAN OCEAN	19.70S	63.42E	0.25m	10 Sep 14:05 UTC
Cocos Island	AUS	12.10S	96.89E	0.20m	10 Sep 14:15 UTC
Visakhapatnam	INDIA	17.70N	83.28E	0.15m	10 Sep 14:20 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
BORROW ISLAND	1756Z 10Sep2014	0.51m
PORT DENISON	2324Z 10Sep2014	0.51m

#### BANGLADESH

COXS BAZAR	2144Z 10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z 11Sep2014	0.54m

#### BRITISH INDIAN OCEAN TERRITORY

NW EGMONT ISLAND	1108Z 10Sep2014	1.64m
DIEGO GARCIA	1138Z 10Sep2014	1.27m

#### COMOROS

BAMBAO	1220Z 10Sep2014	0.72m
DZAOUDZI	1226Z 10Sep2014	0.60m
FOMBONI	1228Z 10Sep2014	0.75m
CHEZANI	1334Z 10Sep2014	0.61m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
NW ARTA	1108Z 10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
AMINI	0900Z 10Sep2014	2.34m
MALVAN BAY	0900Z 10Sep2014	1.67m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
ANJANWEL	0916Z 10Sep2014	1.76m
MINICOY	0916Z 10Sep2014	1.55m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m

MANGALORE	0940Z	10Sep2014	1.93m
ALIBAG PORT	0950Z	10Sep2014	1.35m
GULF OF KHAMBAT	0952Z	10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z	10Sep2014	1.75m
MADAYI KANNUR	0954Z	10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z	10Sep2014	1.84m
COCHIN	1000Z	10Sep2014	1.96m
BEYPORE	1000Z	10Sep2014	2.04m
MUMBAI	1002Z	10Sep2014	1.63m
QUILON	1004Z	10Sep2014	1.71m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m
MVULENI	1226Z	10Sep2014	0.74m

#### MADAGASCAR

GLORIOSO ISLANDS	1202Z	10Sep2014	0.58m
AMPONDRABE	1210Z	10Sep2014	0.71m
VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
TSARABARIA	1226Z	10Sep2014	0.62m
FARAHALANA	1232Z	10Sep2014	0.63m
AMBOHITRALANANA	1238Z	10Sep2014	0.56m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
TOAMASINA	1342Z	10Sep2014	0.53m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
FENOARIVO AT SINANANA	1346Z	10Sep2014	0.50m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
MALE	1004Z	10Sep2014	1.24m
KOLHUFUSHI	1020Z	10Sep2014	1.31m

#### MAURITIUS

LA FERME	1312Z	10Sep2014	1.67m
GRANDE REVIERE SUD EST	1322Z	10Sep2014	0.78m
CARGADOS CARAJOS	1322Z	10Sep2014	0.82m

#### MOZAMBIQUE

QUITERAJO	1252Z	10Sep2014	0.54m
MAGANJA	1300Z	10Sep2014	0.54m
TAVARI	1304Z	10Sep2014	0.54m
LURIO	1306Z	10Sep2014	0.61m
MURREBUE	1306Z	10Sep2014	0.57m
MERONVI	1308Z	10Sep2014	0.54m
NANGATA	1310Z	10Sep2014	0.58m
MINHAUINE	1312Z	10Sep2014	0.60m
NHANGAU	0422Z	11Sep2014	0.54m

#### OMAN

MUSCAT	0610Z	10Sep2014	12.59m
BARKA	0610Z	10Sep2014	16.49m
AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
MUSANDAM	0642Z	10Sep2014	5.07m
ABU GHALAT	0652Z	10Sep2014	3.45m
MANADHIF	0708Z	10Sep2014	2.33m
JUWAYRAH	0720Z	10Sep2014	2.06m
AL DUQM	0728Z	10Sep2014	2.29m
SHARBTHAT	0744Z	10Sep2014	1.78m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
HASIK	0754Z	10Sep2014	1.90m
AL JAZIR	0756Z	10Sep2014	1.71m

#### PAKISTAN

BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKRAH HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m

#### REUNION

SAINT - JOSEPH	1324Z	10Sep2014	0.80m
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#### SEYCHELLES

TAKAMAKA	1036Z	10Sep2014	1.95m
ASTOVE ISLAND	1144Z	10Sep2014	0.61m

#### SOMALIA

HAFUN	0918Z	10Sep2014	1.05m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
HURDYO	0934Z	10Sep2014	0.98m
HADAAFTIMO	0938Z	10Sep2014	1.11m
GALDOGOB	0952Z	10Sep2014	1.00m

NORTHERN HOBYO	1000Z	10Sep2014	0.85m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
CEEL DHEER	1022Z	10Sep2014	0.75m
ANTERAL	1022Z	10Sep2014	1.10m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
LOYADO	1114Z	10Sep2014	1.18m
KISMAAYO	1136Z	10Sep2014	0.55m

#### TANZANIA

ZANZIBAR	1228Z	10Sep2014	0.62m
KUTANI	1230Z	10Sep2014	0.58m
MSASANI	1234Z	10Sep2014	0.60m
SONGO MNARA	1236Z	10Sep2014	0.65m
RUVU	1236Z	10Sep2014	0.63m
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBA	1238Z	10Sep2014	0.76m
MADANGWA	1240Z	10Sep2014	0.65m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
JIMBO	1258Z	10Sep2014	0.66m
SONGO SONGO ISLAND	1302Z	10Sep2014	0.54m
JAJA	1304Z	10Sep2014	0.55m

#### UNITED ARAB EMIRATES

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#### YEMEN

AL GHAYDAH AIRPORT	0834Z	10Sep2014	1.84m
HUSWAYN	0842Z	10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m
ITAB	0858Z	10Sep2014	1.18m
AL QUMRAH	0912Z	10Sep2014	1.07m
HAMI	0916Z	10Sep2014	1.25m
AL MUKALLA	0922Z	10Sep2014	1.41m
YEMEN	0946Z	10Sep2014	0.86m
HISN BALID	0950Z	10Sep2014	1.07m
AHWAR	1004Z	10Sep2014	0.98m
BIR JABIR	1022Z	10Sep2014	1.09m
ADEN	1038Z	10Sep2014	0.92m
QAWAH	1058Z	10Sep2014	1.39m

#### 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.

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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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

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TSUNAMI BULLETIN NUMBER 13
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 1550 UTC Wednesday 10 September 2014
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```

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

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
 Depth: 50km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.80N  
 Longitude: 62.20E  
 Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC
Pt LaRue	SEYCHELLES	4.50S	55.50E	1.05m	10 Sep 11:45 UTC
Agalega	MAURITIUS	10.30S	56.59E	0.40m	10 Sep 11:55 UTC
Lamu	KENYA	2.30S	40.90E	0.50m	10 Sep 12:10 UTC
Mombasa	KENYA	4.10S	39.65E	0.40m	10 Sep 12:25 UTC
Zanzibar	TANZANIA	6.20S	39.18E	0.40m	10 Sep 12:30 UTC
Mtwara	TANZANIA	10.33S	40.33E	0.40m	10 Sep 12:50 UTC
Deep Ocean Buoy 23401	NICOBAR ISLA	8.90N	88.50E	0.03m	10 Sep 13:00 UTC
Pemba	MOCAMBIQUE	13.00S	40.48E	0.30m	10 Sep 13:05 UTC
Pt Louis	MAURITIUS	20.17S	57.33E	0.30m	10 Sep 13:25 UTC
Pointe des Galets	REUNION ISLA	20.90S	55.28E	0.30m	10 Sep 13:30 UTC
Sainte Marie	REUNION	20.90S	55.54E	0.30m	10 Sep 13:30 UTC
Blue Bay	MAURITIUS	20.50S	57.67E	0.30m	10 Sep 13:35 UTC
Toamasina	MADAGASCAR	18.20S	49.43E	0.25m	10 Sep 13:35 UTC
Rodrigues Island	INDIAN OCEAN	19.70S	63.42E	0.25m	10 Sep 14:05 UTC
Cocos Island	AUS	12.10S	96.89E	0.20m	10 Sep 14:15 UTC
Visakhapatnam	INDIA	17.70N	83.28E	0.15m	10 Sep 14:20 UTC
Seblat	INDONESIA	3.17S	101.50E	0.30m	10 Sep 15:10 UTC

Christmas Island                      AUS                      10.40S 105.67E                      0.15m                      10 Sep 15:20 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
BORROW ISLAND	1756Z 10Sep2014	0.51m
PORT DENISON	2324Z 10Sep2014	0.51m

#### BANGLADESH

COXS BAZAR	2144Z 10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z 11Sep2014	0.54m

#### COMOROS

FOMBONI	1228Z 10Sep2014	0.75m
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#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
NW ARTA	1108Z 10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
AMINI	0900Z 10Sep2014	2.34m
MALVAN BAY	0900Z 10Sep2014	1.67m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
ANJANWEL	0916Z 10Sep2014	1.76m
MINICOY	0916Z 10Sep2014	1.55m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z 10Sep2014	1.75m
MADAYI KANNUR	0954Z 10Sep2014	2.03m

ALLEPPEY ALAPPUZHA	0958Z	10Sep2014	1.84m
COCHIN	1000Z	10Sep2014	1.96m
BEYPORE	1000Z	10Sep2014	2.04m
MUMBAI	1002Z	10Sep2014	1.63m
QUILON	1004Z	10Sep2014	1.71m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

LAMU	1210Z	10Sep2014	0.69m
TAKAUNGU	1220Z	10Sep2014	0.66m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m

#### MADAGASCAR

VOHEMAR	1214Z	10Sep2014	0.73m
MAHALINA	1220Z	10Sep2014	0.87m
NOSY MAKAMBY	1302Z	10Sep2014	0.64m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
SOALALA	1356Z	10Sep2014	0.59m
BALY	1400Z	10Sep2014	0.60m
MANAKARA	1412Z	10Sep2014	0.55m
SOANIERANA-IVONGO	1414Z	10Sep2014	0.59m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
MALE	1004Z	10Sep2014	1.24m
KOLHUFUSHI	1020Z	10Sep2014	1.31m

#### MAURITIUS

LA FERME	1312Z	10Sep2014	1.67m
CARGADOS CARAJOS	1322Z	10Sep2014	0.82m

#### MOZAMBIQUE

NHANGAU	0422Z	11Sep2014	0.54m
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OMAN			
MUSCAT	0610Z	10Sep2014	12.59m
BARKA	0610Z	10Sep2014	16.49m
AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m
RASS AL HADD	0622Z	10Sep2014	8.72m
MUSANDAM	0642Z	10Sep2014	5.07m
MANADHIF	0708Z	10Sep2014	2.33m
AL DUQM	0728Z	10Sep2014	2.29m
JUZUR AL HALANIYAT	0746Z	10Sep2014	1.85m
AL JAZIR	0756Z	10Sep2014	1.71m
PAKISTAN			
BAGAR	0600Z	10Sep2014	7.76m
PASNI	0600Z	10Sep2014	11.56m
ORMARA	0600Z	10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z	10Sep2014	4.21m
JIWANI	0600Z	10Sep2014	9.50m
WINDER	0630Z	10Sep2014	5.15m
KARACHI	0636Z	10Sep2014	4.04m
SINDH	0708Z	10Sep2014	3.30m
SEYCHELLES			
TAKAMAKA	1036Z	10Sep2014	1.95m
SOMALIA			
HAFUN	0918Z	10Sep2014	1.05m
TOOXIN	0922Z	10Sep2014	1.60m
QANDALA	0926Z	10Sep2014	1.14m
HURDYO	0934Z	10Sep2014	0.98m
HADAAFTIMO	0938Z	10Sep2014	1.11m
GALDOGOB	0952Z	10Sep2014	1.00m
NORTHERN HOBYO	1000Z	10Sep2014	0.85m
MAYDH	1006Z	10Sep2014	1.29m
KABURA	1014Z	10Sep2014	1.28m
XARARDHEERE	1018Z	10Sep2014	0.86m
ANTERAL	1022Z	10Sep2014	1.10m
CEEL DHEER	1022Z	10Sep2014	0.75m
MAREEG	1032Z	10Sep2014	0.68m
BERBERA	1036Z	10Sep2014	1.32m
BAKI	1048Z	10Sep2014	1.56m
SAYLAC	1052Z	10Sep2014	1.92m
LOYADO	1114Z	10Sep2014	1.18m
TANZANIA			
BOMALANDNI	1236Z	10Sep2014	0.93m
VUMBI	1246Z	10Sep2014	0.85m
GAZIJA	1248Z	10Sep2014	0.69m
UNITED ARAB EMIRATES			
KALBA	0620Z	10Sep2014	4.95m
ZIGGHY BAY	0634Z	10Sep2014	4.72m
YEMEN			
AL GHAYDAH AIRPORT	0834Z	10Sep2014	1.84m
HUSWAYN	0842Z	10Sep2014	1.25m
SOCOTRA ISLAND NORTH	0846Z	10Sep2014	1.19m
ITAB	0858Z	10Sep2014	1.18m
AL QUMRAH	0912Z	10Sep2014	1.07m
HAMI	0916Z	10Sep2014	1.25m
AL MUKALLA	0922Z	10Sep2014	1.41m
YEMEN	0946Z	10Sep2014	0.86m

HISN BALID	0950Z 10Sep2014	1.07m
AHWAR	1004Z 10Sep2014	0.98m
BIR JABIR	1022Z 10Sep2014	1.09m
ADEN	1038Z 10Sep2014	0.92m
QAWAH	1058Z 10Sep2014	1.39m

#### 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/eqeevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

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TSUNAMI BULLETIN NUMBER 14
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 1650 UTC Wednesday 10 September 2014
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
 Depth: 50km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.80N  
 Longitude: 62.20E  
 Location: OFF COAST OF PAKISTAN

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC
Pt LaRue	SEYCHELLES	4.50S	55.50E	1.05m	10 Sep 11:45 UTC
Agalega	MAURITIUS	10.30S	56.59E	0.40m	10 Sep 11:55 UTC
Lamu	KENYA	2.30S	40.90E	0.50m	10 Sep 12:10 UTC
Mombasa	KENYA	4.10S	39.65E	0.40m	10 Sep 12:25 UTC
Zanzibar	TANZANIA	6.20S	39.18E	0.40m	10 Sep 12:30 UTC
Mtwara	TANZANIA	10.33S	40.33E	0.40m	10 Sep 12:50 UTC
Deep Ocean Buoy 23401	NICOBAR ISLA	8.90N	88.50E	0.03m	10 Sep 13:00 UTC
Pemba	MOCAMBIQUE	13.00S	40.48E	0.30m	10 Sep 13:05 UTC
Pt Louis	MAURITIUS	20.17S	57.33E	0.30m	10 Sep 13:25 UTC
Sainte Marie	REUNION	20.90S	55.54E	0.30m	10 Sep 13:30 UTC
Pointe des Galets	REUNION ISLA	20.90S	55.28E	0.30m	10 Sep 13:30 UTC
Blue Bay	MAURITIUS	20.50S	57.67E	0.30m	10 Sep 13:35 UTC
Toamasina	MADAGASCAR	18.20S	49.43E	0.25m	10 Sep 13:35 UTC
Rodrigues Island	INDIAN OCEAN	19.70S	63.42E	0.25m	10 Sep 14:05 UTC
Cocos Island	AUS	12.10S	96.89E	0.20m	10 Sep 14:15 UTC
Visakhapatnam	INDIA	17.70N	83.28E	0.15m	10 Sep 14:20 UTC
Seblat	INDONESIA	3.17S	101.50E	0.30m	10 Sep 15:10 UTC

Christmas Island	AUS	10.40S 105.67E	0.15m	10 Sep 15:20 UTC
Sittwe	MYANMAR	20.00N 92.83E	0.20m	10 Sep 15:50 UTC
Deep Ocean Buoy 56001	AUSTRALIA	13.96S 110.00E	0.04m	10 Sep 16:15 UTC
Pangandaran	INDONESIA	7.83S 108.50E	0.20m	10 Sep 16:15 UTC
Sadeng	INDONESIA	8.33S 110.83E	0.20m	10 Sep 16:30 UTC
Cilacap	INDONESIA	7.80S 109.00E	0.30m	10 Sep 16:30 UTC

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

DIRK HARTOG ISLAND WEST COAST	1746Z 10Sep2014	0.59m
BORROW ISLAND	1756Z 10Sep2014	0.51m
PORT DENISON	2324Z 10Sep2014	0.51m

#### BANGLADESH

COXS BAZAR	2144Z 10Sep2014	0.58m
KUTUBDIA ISLAND	0218Z 11Sep2014	0.54m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	1106Z 10Sep2014	2.42m
NW ARTA	1108Z 10Sep2014	2.86m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

LLE SAINT-PAUL	1628Z 10Sep2014	0.99m
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#### INDIA

MANDVI	0712Z 10Sep2014	3.20m
PORBANDAR	0752Z 10Sep2014	2.01m
DWARKA	0756Z 10Sep2014	2.69m
VERAVAL	0810Z 10Sep2014	2.03m
MALVAN BAY	0900Z 10Sep2014	1.67m
PANAJI	0912Z 10Sep2014	1.86m
ANDROTH	0912Z 10Sep2014	2.40m
MINICOY	0916Z 10Sep2014	1.55m
ANJANWEL	0916Z 10Sep2014	1.76m
KARWAR	0922Z 10Sep2014	1.76m
AMRELI	0928Z 10Sep2014	2.58m
MANGALORE	0940Z 10Sep2014	1.93m
ALIBAG PORT	0950Z 10Sep2014	1.35m
GULF OF KHAMBAT	0952Z 10Sep2014	1.63m
CHANDRAGIRI FORT	0952Z 10Sep2014	1.75m



MADAYI KANNUR	0954Z	10Sep2014	2.03m
ALLEPPEY ALAPPUZHA	0958Z	10Sep2014	1.84m
BEYPORE	1000Z	10Sep2014	2.04m
COCHIN	1000Z	10Sep2014	1.96m
MUMBAI	1002Z	10Sep2014	1.63m
QUILON	1004Z	10Sep2014	1.71m
KANYAKUMARI	1030Z	10Sep2014	1.07m
KOODANKULAM	1100Z	10Sep2014	1.00m
TUTICORIN	1130Z	10Sep2014	0.64m

#### INDONESIA

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1416Z	10Sep2014	0.62m
BENGKULU BENGKULU-UTARA P.ENGGANO	1450Z	10Sep2014	0.53m
SUMUT NIAS B	1826Z	10Sep2014	0.54m
SUMUT MANDAILING-NATAL S	1944Z	10Sep2014	0.55m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	2036Z	10Sep2014	0.51m
JABAR SUKABUMI PELABUHAN-RATU	2044Z	10Sep2014	0.68m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0310Z	11Sep2014	0.54m
BANTEN KOTA-CILEGON P.SANGIANG	0310Z	11Sep2014	0.54m
BANTEN SERANG B	0310Z	11Sep2014	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0314Z	11Sep2014	0.60m

#### IRAN

MACHAN	0600Z	10Sep2014	6.76m
BIR	0600Z	10Sep2014	5.99m
JASK	0600Z	10Sep2014	7.38m
VANAK	0600Z	10Sep2014	12.69m
PUSHT	0600Z	10Sep2014	7.88m
MISKI	0616Z	10Sep2014	3.77m
SIRIK	0640Z	10Sep2014	3.60m
SAR RIG	0744Z	10Sep2014	3.03m

#### KENYA

LAMU	1210Z	10Sep2014	0.69m
MALINDI	1222Z	10Sep2014	0.65m
KIPINI	1224Z	10Sep2014	0.85m

#### MADAGASCAR

MAHALINA	1220Z	10Sep2014	0.87m
AMPOMBIANTAMBO	1344Z	10Sep2014	0.67m
MAHAJANGA	1430Z	10Sep2014	0.63m
FARAFAGANA	1516Z	10Sep2014	0.66m
TAMPOLO	1720Z	10Sep2014	1.05m

#### MALDIVES

KULHUDHUFFUSHI	0922Z	10Sep2014	2.28m
GOIDHOO	0928Z	10Sep2014	2.22m
FERIDHOO	0940Z	10Sep2014	2.31m
NILANDHOO	0950Z	10Sep2014	1.99m
MALE	1004Z	10Sep2014	1.24m
KOLHUFUSHI	1020Z	10Sep2014	1.31m

#### MAURITIUS

CARGADOS CARAJOS	1322Z	10Sep2014	0.82m
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#### MOZAMBIQUE

NHANGAU	0422Z	11Sep2014	0.54m
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#### OMAN

MUSCAT	0610Z	10Sep2014	12.59m
BARKA	0610Z	10Sep2014	16.49m
AL KHABURAH	0614Z	10Sep2014	10.92m
QALHAT	0616Z	10Sep2014	10.60m
SUHAR	0618Z	10Sep2014	6.52m

RASS AL HADD	0622Z 10Sep2014	8.72m
MUSANDAM	0642Z 10Sep2014	5.07m
MANADHIF	0708Z 10Sep2014	2.33m
AL DUQM	0728Z 10Sep2014	2.29m
JUZUR AL HALANIYAT	0746Z 10Sep2014	1.85m
AL JAZIR	0756Z 10Sep2014	1.71m

#### PAKISTAN

PASNI	0600Z 10Sep2014	11.56m
ORMARA	0600Z 10Sep2014	11.71m
KUND MALIR BEACH- MAKHRAN HIGHWAY	0600Z 10Sep2014	4.21m
JIWANI	0600Z 10Sep2014	9.50m
WINDER	0630Z 10Sep2014	5.15m
KARACHI	0636Z 10Sep2014	4.04m
SINDH	0708Z 10Sep2014	3.30m

#### SEYCHELLES

TAKAMAKA	1036Z 10Sep2014	1.95m
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#### SOMALIA

HAFUN	0918Z 10Sep2014	1.05m
TOOXIN	0922Z 10Sep2014	1.60m
QANDALA	0926Z 10Sep2014	1.14m
HURDYO	0934Z 10Sep2014	0.98m
HADAAFTIMO	0938Z 10Sep2014	1.11m
GALDOGOB	0952Z 10Sep2014	1.00m
NORTHERN HOBYO	1000Z 10Sep2014	0.85m
MAYDH	1006Z 10Sep2014	1.29m
KABURA	1014Z 10Sep2014	1.28m
XARARDHEERE	1018Z 10Sep2014	0.86m
ANTERAL	1022Z 10Sep2014	1.10m
CEEL DHEER	1022Z 10Sep2014	0.75m
MAREEG	1032Z 10Sep2014	0.68m
BERBERA	1036Z 10Sep2014	1.32m
BAKI	1048Z 10Sep2014	1.56m
SAYLAC	1052Z 10Sep2014	1.92m
LOYADO	1114Z 10Sep2014	1.18m

#### TANZANIA

BOMALANDNI	1236Z 10Sep2014	0.93m
VUMBI	1246Z 10Sep2014	0.85m
GAZIJA	1248Z 10Sep2014	0.69m

#### UNITED ARAB EMIRATES

KALBA	0620Z 10Sep2014	4.95m
ZIGGHY BAY	0634Z 10Sep2014	4.72m

#### YEMEN

AL GHAYDAH AIRPORT	0834Z 10Sep2014	1.84m
SOCOTRA ISLAND NORTH	0846Z 10Sep2014	1.19m
AL QUMRAH	0912Z 10Sep2014	1.07m
HAMI	0916Z 10Sep2014	1.25m
AL MUKALLA	0922Z 10Sep2014	1.41m
YEMEN	0946Z 10Sep2014	0.86m
HISN BALID	0950Z 10Sep2014	1.07m
AHWAR	1004Z 10Sep2014	0.98m
BIR JABIR	1022Z 10Sep2014	1.09m
ADEN	1038Z 10Sep2014	0.92m
QAWAH	1058Z 10Sep2014	1.39m

#### 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/eqevents.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 - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

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#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
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TSUNAMI BULLETIN NUMBER 15
REGIONAL TSUNAMI SERVICE PROVIDER - RTSP AUSTRALIA (JATWC)
Issued at: 1750 UTC Wednesday 10 September 2014
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... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION

RTSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp  
 Depth: 50km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.80N  
 Longitude: 62.20E  
 Location: OFF COAST OF PAKISTAN

#### 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.

Jask	IRAN	25.60N	57.77E	7.50m	10 Sep 06:10 UTC
Gwadar	PAKISTAN	25.00N	62.00E	5.00m	10 Sep 06:15 UTC
Muscat	OMAN	23.60N	58.57E	7.10m	10 Sep 06:20 UTC
Chabahar	IRAN	25.33N	60.50E	4.30m	10 Sep 07:00 UTC
Karachi	PAKISTAN	24.83N	66.83E	3.40m	10 Sep 07:20 UTC
Masirah	OMAN	20.70N	58.87E	2.20m	10 Sep 07:25 UTC
Ormara	PAKISTAN	25.20N	64.07E	5.30m	10 Sep 07:35 UTC
Salalah	OMAN	16.90N	54.01E	0.95m	10 Sep 08:35 UTC
Minicoy	INDIA	8.30N	73.05E	0.60m	10 Sep 09:20 UTC
Mormugao	INDIA	15.40N	73.78E	1.90m	10 Sep 09:40 UTC
Hanimadhoo	MALDIVE ISLA	6.80N	73.17E	0.65m	10 Sep 09:40 UTC
Cochin	INDIA	10.00N	76.17E	1.50m	10 Sep 10:20 UTC
Male	MALDIVE ISLA	4.20N	73.53E	0.40m	10 Sep 10:25 UTC
Gan	MALDIVE ISLA	0.70S	73.15E	0.50m	10 Sep 10:30 UTC
Denis Island	SEYCHELLES	3.80S	55.67E	1.00m	10 Sep 10:45 UTC
Aden	YEMEN	12.80N	44.97E	0.95m	10 Sep 11:00 UTC
Kirinda	SRI LANKA	6.20N	81.32E	0.20m	10 Sep 11:10 UTC
Colombo	SRI LANKA	7.00N	79.85E	0.40m	10 Sep 11:10 UTC
Pt LaRue	SEYCHELLES	4.50S	55.50E	1.05m	10 Sep 11:45 UTC
Agalega	MAURITIUS	10.30S	56.59E	0.40m	10 Sep 11:55 UTC
Lamu	KENYA	2.30S	40.90E	0.50m	10 Sep 12:10 UTC
Mombasa	KENYA	4.10S	39.65E	0.40m	10 Sep 12:25 UTC

Zanzibar	TANZANIA	6.20S	39.18E	0.40m	10 Sep 12:30 UTC
Mtwara	TANZANIA	10.33S	40.33E	0.40m	10 Sep 12:50 UTC
Deep Ocean Buoy 23401	NICOBAR ISLA	8.90N	88.50E	0.03m	10 Sep 13:00 UTC
Pemba	MOCAMBIQUE	13.00S	40.48E	0.30m	10 Sep 13:05 UTC
Pt Louis	MAURITIUS	20.17S	57.33E	0.30m	10 Sep 13:25 UTC
Sainte Marie	REUNION	20.90S	55.54E	0.30m	10 Sep 13:30 UTC
Pointe des Galets	REUNION ISLA	20.90S	55.28E	0.30m	10 Sep 13:30 UTC
Toamasina	MADAGASCAR	18.20S	49.43E	0.25m	10 Sep 13:35 UTC
Blue Bay	MAURITIUS	20.50S	57.67E	0.30m	10 Sep 13:35 UTC
Rodrigues Island	INDIAN OCEAN	19.70S	63.42E	0.25m	10 Sep 14:05 UTC
Cocos Island	AUS	12.10S	96.89E	0.20m	10 Sep 14:15 UTC
Visakhapatnam	INDIA	17.70N	83.28E	0.15m	10 Sep 14:20 UTC
Seblat	INDONESIA	3.17S	101.50E	0.30m	10 Sep 15:10 UTC
Christmas Island	AUS	10.40S	105.67E	0.15m	10 Sep 15:20 UTC
Sittwe	MYANMAR	20.00N	92.83E	0.20m	10 Sep 15:50 UTC
Deep Ocean Buoy 56001	AUSTRALIA	13.96S	110.00E	0.04m	10 Sep 16:15 UTC
Pangandaran	INDONESIA	7.83S	108.50E	0.20m	10 Sep 16:15 UTC
Cilacap	INDONESIA	7.80S	109.00E	0.30m	10 Sep 16:30 UTC
Sadeng	INDONESIA	8.33S	110.83E	0.20m	10 Sep 16:30 UTC
Prigi	INDONESIA	8.33S	111.83E	0.15m	10 Sep 16:35 UTC
Deep Ocean Buoy 56003	AUSTRALIA	15.02S	117.99E	0.03m	10 Sep 17:10 UTC
Point Murat	AUSTRALIA	21.80S	114.19E	0.35m	10 Sep 17:30 UTC

#### 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/eqevents.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

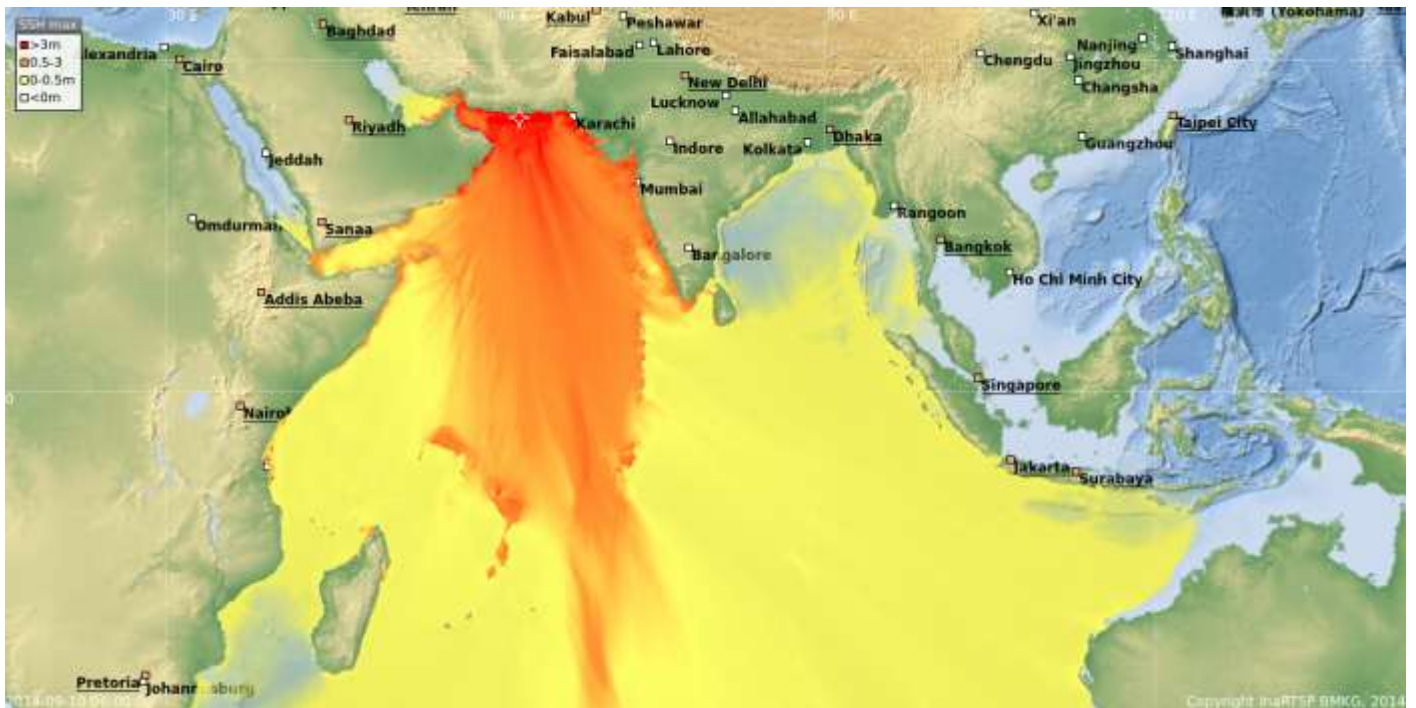
```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

## RTSP INDONESIA MAPS

RTSP Indonesia Travel Time Map:



## RTSP Indonesia Energy Map:



## RTSP INDONESIA BULLETINS

[illegible]

TSUNAMI BULLETIN NUMBER 1

REGIONAL TSUNAMI SERVICE PROVIDER - RTSP INDONESIA (InaTEWS-BMKG)

issued at 0605 UTC, Wednesday, 10 September 2014

... EARTHQUAKE INFORMATION BULLETIN ...

## 1. EARTHQUAKE INFORMATION (preliminary)

RTSP INDONESIA has detected an earthquake with the following preliminary information:

Magnitude : 8.8

Depth : 10km

Date : 10 Sep 2014

Origin Time: 06:00:00 UTC

Latitude : 24.80N

Longitude : 62.20E

Location : Off Coast of Pakistan

## 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.go.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/egevents.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



METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)  
InaTEWS - Indonesian Tsunami Early Warning System  
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  
Website: <http://www.bmkg.go.id>  
<http://inatews.bmkg.go.id>  
E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)  
[monitrtp@bmkg.go.id](mailto:monitrtp@bmkg.go.id)

END OF BULLETIN

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



warnings and ALL CLEAR determination must be made by national/state/local authorities.

AUSTRALIA

DIRK HARTOG ISLAND WEST COAST	17:36z 10Sep2014	0.76m
BORROW ISLAND	17:45z 10Sep2014	0.58m

BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	10:54z 10Sep2014	1.48m
NW EGMONT ISLAND	11:05z 10Sep2014	1.50m
DIEGO GARCIA	11:30z 10Sep2014	1.70m

COMOROS

FOMBONI	12:15z 10Sep2014	0.72m
BAMBAO	12:17z 10Sep2014	0.58m
CHEZANI	15:59z 10Sep2014	0.60m

DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	12:16z 10Sep2014	0.99m
NW ARTA	12:17z 10Sep2014	1.06m

FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:19z 10Sep2014	0.84m
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INDIA

MANDVI	07:23z 10Sep2014	2.87m
DWARKA	07:58z 10Sep2014	2.52m
PORBANDAR	07:59z 10Sep2014	2.36m
VERAVAL	08:16z 10Sep2014	1.94m
AGATTI	08:46z 10Sep2014	2.49m
KAVARATTI	08:57z 10Sep2014	1.21m
AMINI	08:59z 10Sep2014	2.55m
MALVAN BAY	09:01z 10Sep2014	1.44m
PANAJI	09:11z 10Sep2014	1.64m
MINICOY	09:12z 10Sep2014	1.45m
ANDROTH	09:13z 10Sep2014	1.53m
ANJANWEL	09:15z 10Sep2014	2.00m
KARWAR	09:21z 10Sep2014	2.28m
AMRELI	09:24z 10Sep2014	2.30m

ALIBAG PORT	09:38z 10Sep2014	2.10m
MANGALORE	09:46z 10Sep2014	1.90m
MUMBAI	09:49z 10Sep2014	2.11m
CHANDRAGIRI FORT	09:49z 10Sep2014	2.06m
MADAYI KANNUR	09:51z 10Sep2014	1.48m
GULF OF KHAMBAT	09:58z 10Sep2014	2.21m
ALLEPPEY ALAPPUZHA	09:59z 10Sep2014	1.90m
COCHIN	10:03z 10Sep2014	1.96m
QUILON	10:03z 10Sep2014	1.79m
BEYPORE	10:05z 10Sep2014	1.92m
TRIVANDRUM	10:17z 10Sep2014	1.72m
KANYAKUMARI	10:28z 10Sep2014	1.35m
KOODANKULAM	11:00z 10Sep2014	1.62m
TUTICORIN	12:32z 10Sep2014	1.34m
RAMESWARAM	13:12z 10Sep2014	1.04m
INDIRA POINT	16:01z 10Sep2014	0.61m

INDONESIA

SUMUT NIAS-SELATAN PULAU TANABALA	16:29z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU BREUEH	16:38z 10Sep2014	0.86m
SUMUT NIAS BAGIAN BARAT	16:39z 10Sep2014	0.78m
NAD SIMEULUE PULAU SIMEULUE	16:53z 10Sep2014	0.58m
NAD ACEH-JAYA	17:00z 10Sep2014	0.67m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:03z 10Sep2014	0.60m
NAD ACEH-BESAR PULAU PENAS	17:41z 10Sep2014	0.64m

IRAN

PUSHT	06:01z 10Sep2014	10.24m
MACHAN	06:04z 10Sep2014	9.40m
BIR	06:06z 10Sep2014	5.61m
VANAK	06:29z 10Sep2014	3.48m
JASK	06:42z 10Sep2014	3.01m
MISKI	06:57z 10Sep2014	3.29m
SIRIK	07:26z 10Sep2014	3.12m
SAR RIG	09:35z 10Sep2014	3.25m

KENYA

KIWAYU	11:33z 10Sep2014	0.87m
MVULENI	12:14z 10Sep2014	0.94m
KIPINI	13:17z 10Sep2014	0.88m
TAKAUNGU	13:29z 10Sep2014	0.95m
LAMU	13:59z 10Sep2014	0.73m
MALINDI	16:49z 10Sep2014	0.81m

## MADAGASCAR

MANGAOKA	11:58z	10Sep2014	0.98m
AMPONDRABE	12:02z	10Sep2014	1.09m
VOHEMAR	12:13z	10Sep2014	0.99m
FARAHALANA	12:24z	10Sep2014	0.76m
SOANIERANA-IVONGO	13:53z	10Sep2014	0.58m
AMBOHITRALANANA	13:56z	10Sep2014	0.62m
AMBINANINONY	14:14z	10Sep2014	0.59m
MAHALINA	14:22z	10Sep2014	0.83m
GLORIOSO ISLANDS	15:18z	10Sep2014	0.83m
AMBAHY	15:37z	10Sep2014	0.62m
FARAFAGANA	15:43z	10Sep2014	0.58m
AMPOMBIANTAMBO	15:45z	10Sep2014	0.81m
TSARABARIA	16:03z	10Sep2014	0.80m
TOLANARO	16:23z	10Sep2014	0.71m
TAMPOLO	16:30z	10Sep2014	0.74m
ANDOANY	16:44z	10Sep2014	0.74m
NAMORONA	16:49z	10Sep2014	0.58m
RATSIANARANA	16:53z	10Sep2014	0.73m
FENOARIVO AT SINANANA	17:24z	10Sep2014	0.61m
NOSY MAKAMBY	17:37z	10Sep2014	0.66m
AMBENJA	17:49z	10Sep2014	0.58m

## MALDIVES

KULHUDHUFFUSHI	09:21z	10Sep2014	3.06m
GOIDHOO	09:24z	10Sep2014	2.59m
FERIDHOO	09:37z	10Sep2014	2.42m
NILANDHOO	09:47z	10Sep2014	1.97m
DHIYAMIGILI	09:54z	10Sep2014	1.88m
MALE	09:56z	10Sep2014	1.76m
THINADHOO	10:08z	10Sep2014	2.22m
HITHADHOO	10:19z	10Sep2014	1.65m
KOLHUFUSHI	10:22z	10Sep2014	0.70m

## MAURITIUS

AGALEGA ISLAND	11:43z	10Sep2014	1.03m
GRANDE REVIERE SUD EST	13:12z	10Sep2014	0.73m
LA FERME	13:38z	10Sep2014	1.33m
CARGADOS CARAJOS	13:38z	10Sep2014	0.89m

## MOZAMBIQUE

MAGANJA	12:27z	10Sep2014	0.75m
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MERONVI	14:50z	10Sep2014	0.83m
TAVARI	14:54z	10Sep2014	0.70m
QUITERAJÓ	15:04z	10Sep2014	0.77m
LURIO	15:35z	10Sep2014	0.67m
NANGATA	15:39z	10Sep2014	0.65m
MINHAUINE	17:51z	10Sep2014	0.66m

OMAN

MUSCAT	06:14z	10Sep2014	3.83m
QALHAT	06:16z	10Sep2014	5.48m
RASS AL HADD	06:18z	10Sep2014	6.77m
BARKA	06:24z	10Sep2014	3.62m
AL KHABURAH	06:35z	10Sep2014	2.96m
AL ASHKHARAH	06:38z	10Sep2014	3.43m
SUHAR	06:44z	10Sep2014	2.82m
MASIRAH	06:53z	10Sep2014	2.11m
ABU GHALAT	06:56z	10Sep2014	3.61m
MANADHIF	07:06z	10Sep2014	2.61m
MUSANDAM	07:18z	10Sep2014	2.90m
JUWAYRAH	07:20z	10Sep2014	1.44m
AL DUQM	07:30z	10Sep2014	1.93m
SHARBTHAT	07:39z	10Sep2014	2.52m
HASIK	07:48z	10Sep2014	1.00m
AL JAZIR	07:59z	10Sep2014	1.75m
MIRBAT	08:04z	10Sep2014	1.04m
SALALAH	08:13z	10Sep2014	0.96m
JUZUR AL HALANIYAT	08:21z	10Sep2014	1.44m
DHALKUT	10:31z	10Sep2014	1.05m

PAKISTAN

PASNI	06:03z	10Sep2014	3.74m
JIWANI	06:03z	10Sep2014	4.57m
BAGAR	06:05z	10Sep2014	5.33m
ORMARA	06:12z	10Sep2014	2.99m
KUND MALIR BEACH- MAKRAH HIGHWAY	06:12z	10Sep2014	2.97m
WINDER	06:44z	10Sep2014	3.60m
KARACHI	06:46z	10Sep2014	4.16m
SINDH	07:20z	10Sep2014	2.71m

REUNION

SAINT - JOSEPH	13:17z	10Sep2014	0.81m
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SEYCHELLES

TAKAMAKA	10:33z	10Sep2014	1.51m
REMIRE ISLAND	10:50z	10Sep2014	0.98m
ALPHONSE ISLAND	11:05z	10Sep2014	0.85m
ILE DESROCHES	11:07z	10Sep2014	0.83m
COETIVY ISLAND	11:15z	10Sep2014	0.75m
FREGATE ISLAND	11:17z	10Sep2014	1.64m
ASTOVE ISLAND	11:35z	10Sep2014	0.68m
ALDABRA	11:39z	10Sep2014	0.74m
PLATTE ISLAND	15:03z	10Sep2014	0.73m
FARQUHAR GROUP	15:57z	10Sep2014	0.66m

#### SOMALIA

CAPE GUARDAFUI	09:09z	10Sep2014	1.10m
HAFUN	09:12z	10Sep2014	1.53m
ABO	09:16z	10Sep2014	1.01m
TOOXIN	09:17z	10Sep2014	1.37m
QANDALA	09:21z	10Sep2014	1.00m
DARIMOH	09:21z	10Sep2014	1.19m
ISKUSHUBAN	09:25z	10Sep2014	1.31m
BANDARBEYLA	09:25z	10Sep2014	1.12m
HADAAFTIMO	09:31z	10Sep2014	0.98m
HURDYO	09:33z	10Sep2014	1.68m
EYL	09:34z	10Sep2014	1.00m
BOSASO	09:36z	10Sep2014	0.99m
GALDOGOB	09:45z	10Sep2014	1.18m
GALGALA	09:48z	10Sep2014	0.96m
NORTHERN HOBYO	09:52z	10Sep2014	1.11m
SOUTHERN HOBYO	09:57z	10Sep2014	0.92m
MAYDH	10:03z	10Sep2014	1.18m
KABURA	10:07z	10Sep2014	1.25m
XARARDHEERE	10:19z	10Sep2014	1.19m
CEEL DHEER	10:21z	10Sep2014	1.28m
BERBERA	10:35z	10Sep2014	0.70m
ITALA	10:37z	10Sep2014	0.77m
BAKI	10:43z	10Sep2014	1.18m
SAYLAC	10:48z	10Sep2014	1.34m
UARSCIECH	10:49z	10Sep2014	1.04m
BARAAWE	11:02z	10Sep2014	0.72m
LOYADO	11:12z	10Sep2014	1.13m
KAAMBOONI	11:30z	10Sep2014	0.90m
MAREEG	11:35z	10Sep2014	0.85m
JARIIBAN	12:35z	10Sep2014	0.96m
ANTERAL	13:18z	10Sep2014	0.61m
CEELBUUR	13:23z	10Sep2014	1.12m
JILIB	14:22z	10Sep2014	0.84m
BEYNAX BARRE	14:34z	10Sep2014	0.77m
KISMAAYO	14:56z	10Sep2014	0.78m

NE BEERNAASI	15:08z	10Sep2014	0.69m
MUQDISHO	17:23z	10Sep2014	0.78m

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SRI LANKA

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NEGOMBO	10:42z	10Sep2014	1.37m
HIKKADUWA	10:43z	10Sep2014	1.06m
COLOMBO	10:44z	10Sep2014	1.27m
MATARA	11:43z	10Sep2014	0.90m
YALA	11:59z	10Sep2014	0.68m
MUNDAL LAKE	13:05z	10Sep2014	0.73m
MANNAR ISLAND	13:29z	10Sep2014	0.66m

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TANZANIA

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VUMBA	12:05z	10Sep2014	0.89m
KUTANI	12:23z	10Sep2014	0.97m
SONGO MNARA	12:26z	10Sep2014	0.82m
RUVU	12:31z	10Sep2014	0.86m
MADANGWA	12:34z	10Sep2014	0.89m
MSASANI	13:48z	10Sep2014	1.29m
VUMBI	13:49z	10Sep2014	0.68m
BOMALANDNI	13:50z	10Sep2014	1.01m
JIMBO	14:13z	10Sep2014	0.72m
JAJA	14:14z	10Sep2014	0.66m
ZANZIBAR	15:34z	10Sep2014	1.09m
GAZIJA	17:01z	10Sep2014	0.86m

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UNITED ARAB EMIRATES

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KALBA	06:51z	10Sep2014	2.92m
ZIGGHY BAY	07:08z	10Sep2014	3.28m

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YEMEN

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SOCOTRA ISLAND SOUTH	08:22z	10Sep2014	1.20m
AL GHAYDAH AIRPORT	08:38z	10Sep2014	1.72m
SOCOTRA ISLAND NORTH	08:43z	10Sep2014	1.23m
SOCOTRA ISLAND WEST	08:43z	10Sep2014	1.33m
ITAB	09:05z	10Sep2014	1.18m
HAMI	09:14z	10Sep2014	1.08m
YEMEN	09:41z	10Sep2014	0.94m
HUSWAYN	10:15z	10Sep2014	1.27m
AL MUKALLA	10:16z	10Sep2014	1.39m
AL QUMRAH	11:20z	10Sep2014	0.93m
BROM MAYFA	11:21z	10Sep2014	0.69m



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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

DIRK HARTOG ISLAND WEST COAST	17:34z 10Sep2014	0.90m
BORROW ISLAND	17:41z 10Sep2014	0.69m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	10:53z 10Sep2014	1.73m
NW EGMONT ISLAND	11:04z 10Sep2014	1.75m
DIEGO GARCIA	11:29z 10Sep2014	1.94m

#### COMOROS

BAMBAO	12:10z 10Sep2014	0.70m
FOMBONI	12:13z 10Sep2014	0.83m
DZAOUDZI	15:45z 10Sep2014	0.67m
CHEZANI	15:59z 10Sep2014	0.69m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	11:03z 10Sep2014	1.28m
NW ARTA	12:15z 10Sep2014	1.32m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:18z 10Sep2014	1.07m
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#### INDIA

MANDVI	07:19z 10Sep2014	3.27m
DWARKA	07:56z 10Sep2014	3.18m
PORBANDAR	07:57z 10Sep2014	2.96m
VERAVAL	08:13z 10Sep2014	2.25m
AGATTI	08:44z 10Sep2014	2.70m
KAVARATTI	08:56z 10Sep2014	1.37m
AMINI	08:58z 10Sep2014	2.95m
MALVAN BAY	08:59z 10Sep2014	1.93m
PANAJI	09:10z 10Sep2014	2.14m
MINICOY	09:11z 10Sep2014	1.65m
ANDROTH	09:12z 10Sep2014	1.82m
ANJANWEL	09:13z 10Sep2014	2.42m

KARWAR	09:19z 10Sep2014	2.55m
AMRELI	09:21z 10Sep2014	2.84m
ALIBAG PORT	09:36z 10Sep2014	2.58m
MANGALORE	09:44z 10Sep2014	2.20m
MUMBAI	09:46z 10Sep2014	2.82m
CHANDRAGIRI FORT	09:47z 10Sep2014	2.56m
MADAYI KANNUR	09:49z 10Sep2014	1.72m
GULF OF KHAMBAT	09:55z 10Sep2014	2.88m
ALLEPPEY ALAPPUZHA	09:57z 10Sep2014	2.10m
COCHIN	10:01z 10Sep2014	2.27m
QUILON	10:02z 10Sep2014	2.16m
BEYPORE	10:03z 10Sep2014	2.32m
TRIVANDRUM	10:15z 10Sep2014	1.87m
KANYAKUMARI	10:26z 10Sep2014	1.63m
KOODANKULAM	10:58z 10Sep2014	2.10m
RAMESWARAM	11:12z 10Sep2014	1.23m
TUTICORIN	12:31z 10Sep2014	1.55m
INDIRA POINT	15:48z 10Sep2014	0.68m

INDONESIA

SUMUT NIAS BAGIAN BARAT	15:35z 10Sep2014	0.76m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	16:28z 10Sep2014	0.66m
NAD ACEH-BESAR PULAU BREUEH	16:37z 10Sep2014	0.92m
BENGKULU SELUMA	16:44z 10Sep2014	0.57m
NAD SIMEULUE PULAU SIMEULUE	16:52z 10Sep2014	0.69m
NAD ACEH-JAYA	16:59z 10Sep2014	0.76m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:02z 10Sep2014	0.66m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.68m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:16z 10Sep2014	0.60m
SUMUT NIAS-SELATAN PULAU TANABALA	17:19z 10Sep2014	0.72m
BANTEN PANDEGLANG BAGIAN UTARA	17:23z 10Sep2014	0.59m
NAD ACEH-BESAR PULAU PENAS	17:40z 10Sep2014	0.68m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:54z 10Sep2014	0.58m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	18:00z 10Sep2014	0.58m

IRAN

PUSHT	06:01z 10Sep2014	9.62m
BIR	06:03z 10Sep2014	7.88m
MACHAN	06:04z 10Sep2014	9.98m
VANAK	06:23z 10Sep2014	4.48m
JASK	06:39z 10Sep2014	3.74m
MISKI	06:54z 10Sep2014	4.02m
SIRIK	07:22z 10Sep2014	3.60m
SAR RIG	08:20z 10Sep2014	3.38m

## KENYA

KIWAYU	11:32z	10Sep2014	1.01m
TAKAUNGU	12:05z	10Sep2014	1.19m
MVULENI	12:12z	10Sep2014	1.20m
LAMU	12:52z	10Sep2014	0.88m
KIPINI	13:16z	10Sep2014	1.05m
MALINDI	16:11z	10Sep2014	0.95m

## MADAGASCAR

GLORIOSO ISLANDS	11:51z	10Sep2014	0.94m
MANGAOKA	11:57z	10Sep2014	1.06m
AMPONDRABE	11:59z	10Sep2014	1.23m
VOHEMAR	12:08z	10Sep2014	1.04m
MAHALINA	12:12z	10Sep2014	1.11m
TSARABARIA	12:14z	10Sep2014	0.86m
FARAHALANA	12:21z	10Sep2014	0.96m
AMBOHITRALANANA	12:28z	10Sep2014	0.83m
AMPOMBIANTAMBO	13:37z	10Sep2014	0.98m
SOANIERANA-IVONGO	13:52z	10Sep2014	0.69m
FENOARIVO ATSINANANA	14:09z	10Sep2014	0.77m
AMBINANINONY	14:13z	10Sep2014	0.70m
AMBAHY	14:27z	10Sep2014	0.74m
NAMORONA	14:33z	10Sep2014	0.73m
FARAFAGANA	15:11z	10Sep2014	0.67m
TAMPOLO	15:16z	10Sep2014	0.98m
ANOROTSANGANA	15:39z	10Sep2014	0.63m
NOSY MAKAMBY	15:41z	10Sep2014	0.76m
ANDOANY	15:53z	10Sep2014	0.88m
TOAMASINA AIRPORT	16:19z	10Sep2014	0.64m
TOLANARO	16:22z	10Sep2014	0.86m
RATSINANARANA	16:54z	10Sep2014	0.82m
VANGAINDRANO	17:11z	10Sep2014	0.63m
MAHAJANGA	17:43z	10Sep2014	0.63m
AMBENJA	17:47z	10Sep2014	0.67m

## MALDIVES

KULHUDHUFFUSHI	09:20z	10Sep2014	3.50m
GOIDHOO	09:23z	10Sep2014	3.13m
FERIDHOO	09:36z	10Sep2014	2.83m
NILANDHOO	09:46z	10Sep2014	2.38m
DHIYAMIGILI	09:53z	10Sep2014	2.23m
MALE	09:55z	10Sep2014	2.05m
THINADHOO	10:07z	10Sep2014	2.60m
HITHADHOO	10:18z	10Sep2014	2.03m
KOLHUFUSHI	10:20z	10Sep2014	0.85m

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MAURITIUS

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AGALEGA ISLAND	11:42z 10Sep2014	1.20m
LA FERME	13:05z 10Sep2014	1.35m
GRANDE REVIERE SUD EST	13:10z 10Sep2014	0.87m
CARGADOS CARAJOS	13:35z 10Sep2014	1.06m

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MOZAMBIQUE

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MAGANJA	12:22z 10Sep2014	0.96m
MERONVI	12:28z 10Sep2014	0.99m
QUITERAJÓ	12:39z 10Sep2014	0.95m
TAVARI	12:40z 10Sep2014	0.86m
LURIO	12:55z 10Sep2014	0.71m
MURREBUE	15:28z 10Sep2014	0.61m
NANGATA	15:39z 10Sep2014	0.80m
MINHAUINE	16:39z 10Sep2014	0.79m

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OMAN

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MUSCAT	06:12z 10Sep2014	5.35m
QALHAT	06:15z 10Sep2014	6.99m
RASS AL HADD	06:18z 10Sep2014	8.47m
BARKA	06:20z 10Sep2014	5.29m
AL KHABURAH	06:31z 10Sep2014	3.85m
AL ASHKHARAH	06:37z 10Sep2014	3.86m
SUHAR	06:41z 10Sep2014	3.00m
MASIRAH	06:52z 10Sep2014	2.73m
ABU GHALAT	06:55z 10Sep2014	4.16m
MANADHIF	07:05z 10Sep2014	3.13m
MUSANDAM	07:14z 10Sep2014	3.64m
JUWAYRAH	07:19z 10Sep2014	1.73m
AL DUQM	07:28z 10Sep2014	2.15m
SHARBTHAT	07:38z 10Sep2014	3.00m
HASIK	07:47z 10Sep2014	1.29m
JUZUR AL HALANIYAT	07:53z 10Sep2014	1.66m
MIRBAT	07:54z 10Sep2014	1.12m
AL JAZIR	07:58z 10Sep2014	1.98m
SALALAH	08:03z 10Sep2014	0.99m
DHALKUT	08:22z 10Sep2014	1.12m

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PAKISTAN

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PASNI	06:03z 10Sep2014	6.49m
JIWANI	06:03z 10Sep2014	4.64m

BAGAR	06:05z	10Sep2014	4.92m
ORMARA	06:08z	10Sep2014	3.19m
KUND MALIR BEACH- MAKRAN HIGHWAY	06:10z	10Sep2014	3.48m
WINDER	06:38z	10Sep2014	4.58m
KARACHI	06:41z	10Sep2014	5.33m
SINDH	07:17z	10Sep2014	3.02m

REUNION

SAINT - JOSEPH	13:15z	10Sep2014	1.03m
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SEYCHELLES

TAKAMAKA	10:32z	10Sep2014	1.66m
REMIRE ISLAND	10:49z	10Sep2014	1.29m
ILE DESROCHES	11:02z	10Sep2014	1.05m
ALPHONSE ISLAND	11:03z	10Sep2014	1.02m
COETIVY ISLAND	11:13z	10Sep2014	0.91m
FREGATE ISLAND	11:16z	10Sep2014	1.80m
ASTOVE ISLAND	11:34z	10Sep2014	0.80m
ALDABRA	11:37z	10Sep2014	0.83m
PLATTE ISLAND	13:09z	10Sep2014	1.05m
FARQUHAR GROUP	13:57z	10Sep2014	1.07m

SOMALIA

CAPE GUARDAFUI	09:07z	10Sep2014	1.30m
HAFUN	09:11z	10Sep2014	1.85m
ABO	09:14z	10Sep2014	1.39m
TOOXIN	09:15z	10Sep2014	1.69m
QANDALA	09:19z	10Sep2014	1.40m
DARIMOH	09:20z	10Sep2014	1.33m
ISKUSHUBAN	09:22z	10Sep2014	1.57m
BANDARBEYLA	09:22z	10Sep2014	1.27m
HADAAFTIMO	09:29z	10Sep2014	1.11m
HURDYO	09:31z	10Sep2014	2.13m
EYL	09:31z	10Sep2014	1.16m
BOSASO	09:32z	10Sep2014	1.21m
GALDOGOB	09:42z	10Sep2014	1.28m
GALGALA	09:46z	10Sep2014	1.05m
NORTHERN HOBYO	09:50z	10Sep2014	1.36m
SOUTHERN HOBYO	09:52z	10Sep2014	1.01m
MAYDH	09:59z	10Sep2014	1.53m
KABURA	10:05z	10Sep2014	1.65m
XARARDHEERE	10:13z	10Sep2014	1.27m
CEEL DHEER	10:18z	10Sep2014	1.43m
BERBERA	10:27z	10Sep2014	0.90m

MAREEG	10:28z	10Sep2014	0.85m
ITALA	10:36z	10Sep2014	1.01m
BAKI	10:38z	10Sep2014	1.38m
UARSCIECH	10:41z	10Sep2014	1.27m
SAYLAC	10:43z	10Sep2014	1.63m
LOYADO	10:59z	10Sep2014	1.39m
BARAAWE	11:00z	10Sep2014	0.95m
JILIB	11:07z	10Sep2014	0.90m
KAAMBOONI	11:29z	10Sep2014	1.04m
BEYNAX BARRE	12:25z	10Sep2014	0.92m
JARIIBAN	12:34z	10Sep2014	1.10m
ANTERAL	13:15z	10Sep2014	0.77m
CEELBUUR	13:21z	10Sep2014	1.19m
NE BEERNAASI	14:34z	10Sep2014	0.88m
KISMAAYO	14:56z	10Sep2014	1.13m
TURDHO	15:31z	10Sep2014	0.75m
MUQDISHO	16:18z	10Sep2014	0.93m

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SRI LANKA

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NEGOMBO	10:40z	10Sep2014	1.84m
COLOMBO	10:42z	10Sep2014	1.47m
HIKKADUWA	10:42z	10Sep2014	1.09m
MATARA	11:42z	10Sep2014	0.91m
YALA	11:57z	10Sep2014	0.71m
MUNDAL LAKE	13:00z	10Sep2014	0.82m
MANNAR ISLAND	13:14z	10Sep2014	0.82m
POTTUVIL	17:11z	10Sep2014	0.64m

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TANZANIA

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VUMBA	12:03z	10Sep2014	1.20m
ZANZIBAR	12:11z	10Sep2014	1.45m
KUTANI	12:17z	10Sep2014	1.16m
MSASANI	12:23z	10Sep2014	1.52m
SONGO MNARA	12:24z	10Sep2014	0.89m
RUUU	12:27z	10Sep2014	0.98m
MADANGWA	12:28z	10Sep2014	1.17m
BOMALANDNI	12:31z	10Sep2014	1.28m
VUMBI	13:48z	10Sep2014	0.87m
JIMBO	14:08z	10Sep2014	0.86m
JAJA	14:11z	10Sep2014	0.79m
GAZIJA	17:00z	10Sep2014	0.93m

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UNITED ARAB EMIRATES

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KALBA	06:47z	10Sep2014	3.94m
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ZIGGHY BAY 07:04z 10Sep2014 3.75m

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YEMEN

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SOCOTRA ISLAND SOUTH 08:22z 10Sep2014 1.27m  
AL GHAYDAH AIRPORT 08:33z 10Sep2014 1.98m  
SOCOTRA ISLAND NORTH 08:38z 10Sep2014 1.46m  
HUSWAYN 08:39z 10Sep2014 1.27m  
SOCOTRA ISLAND WEST 08:42z 10Sep2014 1.67m  
ITAB 08:59z 10Sep2014 1.44m  
HAMI 09:08z 10Sep2014 1.23m  
AL QUMRAH 09:11z 10Sep2014 1.15m  
AL MUKALLA 09:23z 10Sep2014 1.58m  
BROM MAYFA 09:38z 10Sep2014 0.90m  
YEMEN 09:38z 10Sep2014 1.08m  
QAWAH 11:01z 10Sep2014 1.95m  
BIR JABIR 11:21z 10Sep2014 0.94m  
KHANFAR 11:41z 10Sep2014 0.81m  
ADEN 12:44z 10Sep2014 1.39m  
AHWAR 13:45z 10Sep2014 0.62m  
HISN BALID 16:32z 10Sep2014 0.60m  
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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/eqevents.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

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

InATEWS - Indonesian Tsunami Early Warning System

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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: inartsp@bmkg.go.id  
monitrtp@bmkg.go.id

END OF BULLETIN

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



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	14:03z 10Sep2014	0.64m
CHRISTMAS ISLAND	15:05z 10Sep2014	0.68m
DIRK HARTOG ISLAND WEST COAST	17:33z 10Sep2014	1.06m
CORAL BAY	17:38z 10Sep2014	0.69m
BORROW ISLAND	17:39z 10Sep2014	0.81m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	10:52z 10Sep2014	2.02m
NW EGMONT ISLAND	11:03z 10Sep2014	2.04m
DIEGO GARCIA	11:28z 10Sep2014	2.23m

#### COMOROS

CHEZANI	12:08z 10Sep2014	0.76m
BAMBAO	12:09z 10Sep2014	0.86m
FOMBONI	12:12z 10Sep2014	1.08m
DZAOUDZI	12:15z 10Sep2014	0.72m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
NW ARTA	12:15z 10Sep2014	1.68m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:17z 10Sep2014	1.37m
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#### INDIA

MANDVI	07:16z 10Sep2014	3.72m
DWARKA	07:54z 10Sep2014	3.36m
PORBANDAR	07:54z 10Sep2014	3.00m
VERAVAL	08:11z 10Sep2014	2.81m
AGATTI	08:43z 10Sep2014	3.31m
KAVARATTI	08:55z 10Sep2014	1.60m
AMINI	08:57z 10Sep2014	3.46m
MALVAN BAY	08:57z 10Sep2014	2.17m

PANAJI	09:08z 10Sep2014	2.75m
MINICOY	09:10z 10Sep2014	1.97m
ANDROTH	09:10z 10Sep2014	2.11m
ANJANWEL	09:11z 10Sep2014	3.06m
KARWAR	09:18z 10Sep2014	2.87m
AMRELI	09:19z 10Sep2014	3.35m
ALIBAG PORT	09:34z 10Sep2014	3.26m
MANGALORE	09:42z 10Sep2014	2.62m
MUMBAI	09:44z 10Sep2014	3.35m
CHANDRAGIRI FORT	09:45z 10Sep2014	3.20m
MADAYI KANNUR	09:47z 10Sep2014	2.00m
GULF OF KHAMBAT	09:53z 10Sep2014	3.80m
ALLEPPEY ALAPPUZHA	09:56z 10Sep2014	2.28m
COCHIN	09:59z 10Sep2014	2.60m
QUILON	10:01z 10Sep2014	2.55m
BEYPORE	10:01z 10Sep2014	2.59m
TRIVANDRUM	10:14z 10Sep2014	2.17m
KANYAKUMARI	10:25z 10Sep2014	1.97m
KOODANKULAM	10:57z 10Sep2014	2.70m
RAMESWARAM	11:07z 10Sep2014	1.45m
TUTICORIN	12:31z 10Sep2014	1.84m
INDIRA POINT	15:46z 10Sep2014	0.80m
KOMATRA AND KATCHAL ISLAND	16:11z 10Sep2014	0.68m
NORTH SENTINEL ISLAND	17:54z 10Sep2014	0.64m

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INDONESIA

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SUMUT NIAS BAGIAN BARAT	13:33z 10Sep2014	0.76m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	16:13z 10Sep2014	0.70m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	16:27z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU BREUEH	16:36z 10Sep2014	1.07m
SUMUT NIAS-SELATAN PULAU TANABALA	16:42z 10Sep2014	0.79m
BENGKULU SELUMA	16:42z 10Sep2014	0.62m
NAD SIMEULUE PULAU SIMEULUE	16:47z 10Sep2014	0.76m
NAD ACEH-JAYA	16:59z 10Sep2014	0.82m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:01z 10Sep2014	0.75m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.66m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:14z 10Sep2014	0.67m
BANTEN PANDEGLANG BAGIAN UTARA	17:18z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU PENAS	17:39z 10Sep2014	0.72m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:53z 10Sep2014	0.78m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	17:55z 10Sep2014	0.59m
BENGKULU KAUR	17:56z 10Sep2014	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	17:59z 10Sep2014	0.65m

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IRAN

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PUSHT	06:01z 10Sep2014	9.47m
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BIR	06:03z	10Sep2014	10.78m
MACHAN	06:04z	10Sep2014	10.99m
VANAK	06:14z	10Sep2014	4.87m
JASK	06:32z	10Sep2014	5.37m
MISKI	06:49z	10Sep2014	5.37m
SIRIK	07:17z	10Sep2014	4.72m
SAR RIG	08:13z	10Sep2014	3.86m

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#### KENYA

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KIWAYU	11:30z	10Sep2014	1.18m
LAMU	11:50z	10Sep2014	0.91m
TAKAUNGU	12:02z	10Sep2014	1.38m
KIPINI	12:05z	10Sep2014	1.22m
MVULENI	12:08z	10Sep2014	1.29m
MALINDI	13:39z	10Sep2014	1.02m

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#### MADAGASCAR

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GLORIOSO ISLANDS	11:50z	10Sep2014	1.31m
MANGAOKA	11:56z	10Sep2014	1.22m
AMPONDRABE	11:58z	10Sep2014	1.39m
VOHEMAR	12:06z	10Sep2014	1.12m
MAHALINA	12:11z	10Sep2014	1.27m
TSARABARIA	12:12z	10Sep2014	0.90m
FARAHALANA	12:19z	10Sep2014	1.22m
AMBOHITRALANANA	12:26z	10Sep2014	0.98m
NOSY MAKAMBY	12:45z	10Sep2014	0.94m
AMPOMBIANTAMBO	13:34z	10Sep2014	1.16m
SOANIERANA-IVONGO	13:51z	10Sep2014	0.84m
RATSIANARANA	14:05z	10Sep2014	0.94m
FENOARIVO ATSINANANA	14:08z	10Sep2014	0.92m
AMBINANINONY	14:12z	10Sep2014	0.74m
TAMPOLO	14:12z	10Sep2014	1.17m
ANDOANY	14:23z	10Sep2014	1.03m
AMBAHY	14:25z	10Sep2014	0.80m
NAMORONA	14:32z	10Sep2014	0.82m
FARAFAGANA	14:42z	10Sep2014	0.71m
MANANTENINA	15:08z	10Sep2014	0.58m
TOAMASINA	15:20z	10Sep2014	0.59m
TOLANARO	15:28z	10Sep2014	0.98m
AMBANJA	15:34z	10Sep2014	0.62m
ANOROTSANGANA	15:36z	10Sep2014	0.78m
AMBENJA	15:56z	10Sep2014	0.76m
TOAMASINA AIRPORT	16:18z	10Sep2014	0.67m
ANTANANARIVO	16:44z	10Sep2014	0.60m
VANGAINDRANO	17:11z	10Sep2014	0.69m
BESALAMPY	17:24z	10Sep2014	0.67m

MAHAJANGA	17:40z	10Sep2014	0.81m
VOALAVO	17:54z	10Sep2014	0.59m

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MALDIVES

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KULHUDHUFFUSHI	09:19z	10Sep2014	4.15m
GOIDHOO	09:22z	10Sep2014	3.59m
FERIDHOO	09:35z	10Sep2014	3.34m
NILANDHOO	09:45z	10Sep2014	2.64m
DHIYAMIGILI	09:52z	10Sep2014	2.58m
MALE	09:54z	10Sep2014	2.42m
THINADHOO	10:06z	10Sep2014	3.05m
HITHADHOO	10:17z	10Sep2014	2.26m
KOLHUFUSHI	10:18z	10Sep2014	1.02m

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MAURITIUS

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AGALEGA ISLAND	11:41z	10Sep2014	1.38m
LA FERME	13:03z	10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z	10Sep2014	1.05m
CARGADOS CARAJOS	13:15z	10Sep2014	1.15m

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MOZAMBIQUE

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MAGANJA	12:20z	10Sep2014	1.00m
MERONVI	12:26z	10Sep2014	1.11m
QUITERAJO	12:37z	10Sep2014	1.18m
TAVARI	12:38z	10Sep2014	0.95m
LURIO	12:51z	10Sep2014	0.82m
MINHAUINE	12:56z	10Sep2014	0.83m
NANGATA	12:59z	10Sep2014	0.80m
MURREBUE	14:53z	10Sep2014	0.72m
CALAJULO	15:47z	10Sep2014	0.59m

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OMAN

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MUSCAT	06:10z	10Sep2014	7.00m
QALHAT	06:14z	10Sep2014	9.43m
BARKA	06:17z	10Sep2014	5.38m
RASS AL HADD	06:17z	10Sep2014	9.91m
AL KHABURAH	06:27z	10Sep2014	4.72m
AL ASHKHARAH	06:36z	10Sep2014	4.56m
SUHAR	06:37z	10Sep2014	4.42m
MASIRAH	06:51z	10Sep2014	3.42m
ABU GHALAT	06:54z	10Sep2014	4.94m
MANADHIF	07:05z	10Sep2014	3.64m

MUSANDAM	07:09z	10Sep2014	4.50m
JUWAYRAH	07:19z	10Sep2014	2.03m
AL DUQM	07:28z	10Sep2014	2.92m
SHARBTHAT	07:37z	10Sep2014	3.60m
HASIK	07:46z	10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z	10Sep2014	2.09m
MIRBAT	07:53z	10Sep2014	1.22m
AL JAZIR	07:57z	10Sep2014	2.37m
SALALAH	08:02z	10Sep2014	1.13m
DHALKUT	08:11z	10Sep2014	1.49m

PAKISTAN

PASNI	06:03z	10Sep2014	8.30m
JIWANI	06:03z	10Sep2014	4.50m
BAGAR	06:05z	10Sep2014	4.62m
ORMARA	06:08z	10Sep2014	4.47m
KUND MALIR BEACH- MAKRAN HIGHWAY	06:09z	10Sep2014	4.50m
WINDER	06:29z	10Sep2014	5.42m
KARACHI	06:36z	10Sep2014	5.33m
SINDH	07:14z	10Sep2014	3.97m

REUNION

SAINT - JOSEPH	13:13z	10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z	10Sep2014	1.92m
REMIRE ISLAND	10:48z	10Sep2014	1.42m
ILE DESROCHES	11:01z	10Sep2014	1.30m
ALPHONSE ISLAND	11:02z	10Sep2014	0.97m
PLATTE ISLAND	11:11z	10Sep2014	1.41m
COETIVY ISLAND	11:12z	10Sep2014	1.09m
FREGATE ISLAND	11:15z	10Sep2014	2.12m
ASTOVE ISLAND	11:32z	10Sep2014	0.93m
ALDABRA	11:36z	10Sep2014	0.98m
FARQUHAR GROUP	13:31z	10Sep2014	0.92m

SOMALIA

CAPE GUARDAFUI	09:06z	10Sep2014	1.68m
HAFUN	09:10z	10Sep2014	2.07m
ABO	09:11z	10Sep2014	1.75m
TOOXIN	09:13z	10Sep2014	2.32m
QANDALA	09:14z	10Sep2014	1.63m



DARIMOH	09:18z	10Sep2014	1.59m
ISKUSHUBAN	09:20z	10Sep2014	1.86m
BANDARBEYLA	09:20z	10Sep2014	1.50m
HADAAFTIMO	09:28z	10Sep2014	1.62m
HURDYO	09:29z	10Sep2014	2.49m
EYL	09:30z	10Sep2014	1.44m
BOSASO	09:30z	10Sep2014	1.58m
GALDOGOB	09:41z	10Sep2014	1.83m
GALGALA	09:44z	10Sep2014	1.33m
NORTHERN HOBYO	09:49z	10Sep2014	1.55m
SOUTHERN HOBYO	09:51z	10Sep2014	1.23m
MAYDH	09:57z	10Sep2014	2.04m
KABURA	10:03z	10Sep2014	2.12m
XARARDHEERE	10:11z	10Sep2014	1.47m
CEEL DHEER	10:17z	10Sep2014	1.69m
MAREEG	10:21z	10Sep2014	0.97m
BERBERA	10:22z	10Sep2014	1.06m
CEELBUUR	10:27z	10Sep2014	1.14m
ANTERAL	10:27z	10Sep2014	1.01m
ITALA	10:30z	10Sep2014	1.28m
UARSCIECH	10:35z	10Sep2014	1.22m
BAKI	10:36z	10Sep2014	1.77m
SAYLAC	10:41z	10Sep2014	1.91m
BEYNAX BARRE	10:57z	10Sep2014	1.01m
LOYADO	10:58z	10Sep2014	1.72m
BARAAWE	10:59z	10Sep2014	0.93m
JILIB	11:05z	10Sep2014	1.26m
JARIIBAN	11:19z	10Sep2014	1.34m
KISMAAYO	11:23z	10Sep2014	1.21m
KAAMBOONI	11:27z	10Sep2014	1.19m
NE BEERNAASI	14:32z	10Sep2014	1.00m
TURDHO	15:30z	10Sep2014	0.89m
MUQDISHO	16:16z	10Sep2014	1.06m

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SRI LANKA

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NEGOMBO	10:39z	10Sep2014	2.48m
COLOMBO	10:41z	10Sep2014	2.04m
HIKKADUWA	10:41z	10Sep2014	1.38m
MUNDAL LAKE	10:55z	10Sep2014	0.98m
MATARA	10:58z	10Sep2014	0.95m
YALA	11:55z	10Sep2014	0.88m
MANNAR ISLAND	13:06z	10Sep2014	1.02m
POTTUVIL	17:10z	10Sep2014	0.67m

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TANZANIA

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VUMBA	11:59z	10Sep2014	1.29m
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ZANZIBAR	12:07z 10Sep2014	1.77m
KUTANI	12:15z 10Sep2014	1.52m
JIMBO	12:18z 10Sep2014	0.86m
SONGO MNARA	12:19z 10Sep2014	1.04m
MSASANI	12:20z 10Sep2014	1.79m
MADANGWA	12:23z 10Sep2014	1.29m
RUVU	12:23z 10Sep2014	1.13m
BOMALANDNI	12:27z 10Sep2014	1.61m
VUMBI	13:47z 10Sep2014	1.10m
JAJA	14:10z 10Sep2014	1.02m
GAZIJA	14:14z 10Sep2014	1.00m

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#### UNITED ARAB EMIRATES

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KALBA	06:43z 10Sep2014	5.16m
ZIGGHY BAY	06:59z 10Sep2014	4.72m

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#### YEMEN

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SOCOTRA ISLAND SOUTH	08:21z 10Sep2014	1.65m
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SOCOTRA ISLAND WEST	08:41z 10Sep2014	1.94m
ITAB	08:55z 10Sep2014	1.73m
HAMI	09:06z 10Sep2014	1.58m
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BROM MAYFA	09:26z 10Sep2014	1.05m
YEMEN	09:33z 10Sep2014	1.22m
HISN BALID	09:55z 10Sep2014	0.71m
AHWAR	09:56z 10Sep2014	0.75m
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ADEN	10:28z 10Sep2014	1.84m
QAWAH	10:49z 10Sep2014	2.31m
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#### 4. ADVICE

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## 6. CONTACT INFORMATION

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

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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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

monitrtp@bmkg.go.id

END OF BULLETIN

[illegible]



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	14:03z 10Sep2014	0.64m
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CORAL BAY	17:38z 10Sep2014	0.69m
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#### COMOROS

CHEZANI	12:08z 10Sep2014	0.76m
BAMBAAO	12:09z 10Sep2014	0.86m
FOMBONI	12:12z 10Sep2014	1.08m
DZAOUDZI	12:15z 10Sep2014	0.72m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
NW ARTA	12:15z 10Sep2014	1.68m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:17z 10Sep2014	1.37m
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#### INDIA

MANDVI	07:16z 10Sep2014	3.72m
DWARKA	07:54z 10Sep2014	3.36m
PORBANDAR	07:54z 10Sep2014	3.00m
VERAVAL	08:11z 10Sep2014	2.81m
AGATTI	08:43z 10Sep2014	3.31m
KAVARATTI	08:55z 10Sep2014	1.60m
AMINI	08:57z 10Sep2014	3.46m

MALVAN BAY	08:57z 10Sep2014	2.17m
PANAJI	09:08z 10Sep2014	2.75m
MINICOY	09:10z 10Sep2014	1.97m
ANDROTH	09:10z 10Sep2014	2.11m
ANJANWEL	09:11z 10Sep2014	3.06m
KARWAR	09:18z 10Sep2014	2.87m
AMRELI	09:19z 10Sep2014	3.35m
ALIBAG PORT	09:34z 10Sep2014	3.26m
MANGALORE	09:42z 10Sep2014	2.62m
MUMBAI	09:44z 10Sep2014	3.35m
CHANDRAGIRI FORT	09:45z 10Sep2014	3.20m
MADAYI KANNUR	09:47z 10Sep2014	2.00m
GULF OF KHAMBAT	09:53z 10Sep2014	3.80m
ALLEPPEY ALAPPUZHA	09:56z 10Sep2014	2.28m
COCHIN	09:59z 10Sep2014	2.60m
QUILON	10:01z 10Sep2014	2.55m
BEYPORE	10:01z 10Sep2014	2.59m
TRIVANDRUM	10:14z 10Sep2014	2.17m
KANYAKUMARI	10:25z 10Sep2014	1.97m
KOODANKULAM	10:57z 10Sep2014	2.70m
RAMESWARAM	11:07z 10Sep2014	1.45m
TUTICORIN	12:31z 10Sep2014	1.84m
INDIRA POINT	15:46z 10Sep2014	0.80m
KOMATRA AND KATCHAL ISLAND	16:11z 10Sep2014	0.68m
NORTH SENTINEL ISLAND	17:54z 10Sep2014	0.64m

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#### INDONESIA

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SUMUT NIAS BAGIAN BARAT	13:33z 10Sep2014	0.76m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	16:13z 10Sep2014	0.70m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	16:27z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU BREUEH	16:36z 10Sep2014	1.07m
SUMUT NIAS-SELATAN PULAU TANABALA	16:42z 10Sep2014	0.79m
BENGKULU SELUMA	16:42z 10Sep2014	0.62m
NAD SIMEULUE PULAU SIMEULUE	16:47z 10Sep2014	0.76m
NAD ACEH-JAYA	16:59z 10Sep2014	0.82m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:01z 10Sep2014	0.75m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.66m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:14z 10Sep2014	0.67m
BANTEN PANDEGLANG BAGIAN UTARA	17:18z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU PENAS	17:39z 10Sep2014	0.72m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:53z 10Sep2014	0.78m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	17:55z 10Sep2014	0.59m
BENGKULU KAUR	17:56z 10Sep2014	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	17:59z 10Sep2014	0.65m

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#### IRAN

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PUSHT	06:01z	10Sep2014	9.47m
BIR	06:03z	10Sep2014	10.78m
MACHAN	06:04z	10Sep2014	10.99m
VANAK	06:14z	10Sep2014	4.87m
JASK	06:32z	10Sep2014	5.37m
MISKI	06:49z	10Sep2014	5.37m
SIRIK	07:17z	10Sep2014	4.72m
SAR RIG	08:13z	10Sep2014	3.86m

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KENYA

KIWAYU	11:30z	10Sep2014	1.18m
LAMU	11:50z	10Sep2014	0.91m
TAKAUNGU	12:02z	10Sep2014	1.38m
KIPINI	12:05z	10Sep2014	1.22m
MVULENI	12:08z	10Sep2014	1.29m
MALINDI	13:39z	10Sep2014	1.02m

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MADAGASCAR

GLORIOSO ISLANDS	11:50z	10Sep2014	1.31m
MANGAOKA	11:56z	10Sep2014	1.22m
AMPONDRABE	11:58z	10Sep2014	1.39m
VOHEMAR	12:06z	10Sep2014	1.12m
MAHALINA	12:11z	10Sep2014	1.27m
TSARABARIA	12:12z	10Sep2014	0.90m
FARAHALANA	12:19z	10Sep2014	1.22m
AMBOHITRALANANA	12:26z	10Sep2014	0.98m
NOSY MAKAMBY	12:45z	10Sep2014	0.94m
AMPOMBIANTAMBO	13:34z	10Sep2014	1.16m
SOANIERANA-IVONGO	13:51z	10Sep2014	0.84m
RATSINANARANA	14:05z	10Sep2014	0.94m
FENOARIVO ATSINANANA	14:08z	10Sep2014	0.92m
AMBINANINONY	14:12z	10Sep2014	0.74m
TAMPOLO	14:12z	10Sep2014	1.17m
ANDOANY	14:23z	10Sep2014	1.03m
AMBAHY	14:25z	10Sep2014	0.80m
NAMORONA	14:32z	10Sep2014	0.82m
FARAFAGANA	14:42z	10Sep2014	0.71m
MANANTENINA	15:08z	10Sep2014	0.58m
TOAMASINA	15:20z	10Sep2014	0.59m
TOLANARO	15:28z	10Sep2014	0.98m
AMBANJA	15:34z	10Sep2014	0.62m
ANOROTSANGANA	15:36z	10Sep2014	0.78m
AMBENJA	15:56z	10Sep2014	0.76m
TOAMASINA AIRPORT	16:18z	10Sep2014	0.67m
ANTANANARIVO	16:44z	10Sep2014	0.60m
VANGAINDRANO	17:11z	10Sep2014	0.69m

BESALAMPY	17:24z 10Sep2014	0.67m
MAHAJANGA	17:40z 10Sep2014	0.81m
VOALAVO	17:54z 10Sep2014	0.59m

#### MALDIVES

KULHUDHUFFUSHI	09:19z 10Sep2014	4.15m
GOIDHOO	09:22z 10Sep2014	3.59m
FERIDHOO	09:35z 10Sep2014	3.34m
NILANDHOO	09:45z 10Sep2014	2.64m
DHIYAMIGILI	09:52z 10Sep2014	2.58m
MALE	09:54z 10Sep2014	2.42m
THINADHOO	10:06z 10Sep2014	3.05m
HITHADHOO	10:17z 10Sep2014	2.26m
KOLHUFUSHI	10:18z 10Sep2014	1.02m

#### MAURITIUS

AGALEGA ISLAND	11:41z 10Sep2014	1.38m
LA FERME	13:03z 10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z 10Sep2014	1.05m
CARGADOS CARAJOS	13:15z 10Sep2014	1.15m

#### MOZAMBIQUE

MAGANJA	12:20z 10Sep2014	1.00m
MERONVI	12:26z 10Sep2014	1.11m
QUITERAJO	12:37z 10Sep2014	1.18m
TAVARI	12:38z 10Sep2014	0.95m
LURIO	12:51z 10Sep2014	0.82m
MINHAUINE	12:56z 10Sep2014	0.83m
NANGATA	12:59z 10Sep2014	0.80m
MURREBUE	14:53z 10Sep2014	0.72m
CALAJULO	15:47z 10Sep2014	0.59m

#### OMAN

MUSCAT	06:10z 10Sep2014	7.00m
QALHAT	06:14z 10Sep2014	9.43m
BARKA	06:17z 10Sep2014	5.38m
RASS AL HADD	06:17z 10Sep2014	9.91m
AL KHABURAH	06:27z 10Sep2014	4.72m
AL ASHKHARAH	06:36z 10Sep2014	4.56m
SUHAR	06:37z 10Sep2014	4.42m
MASIRAH	06:51z 10Sep2014	3.42m
ABU GHALAT	06:54z 10Sep2014	4.94m



MANADHIF	07:05z 10Sep2014	3.64m
MUSANDAM	07:09z 10Sep2014	4.50m
JUWAYRAH	07:19z 10Sep2014	2.03m
AL DUQM	07:28z 10Sep2014	2.92m
SHARBTHAT	07:37z 10Sep2014	3.60m
HASIK	07:46z 10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z 10Sep2014	2.09m
MIRBAT	07:53z 10Sep2014	1.22m
AL JAZIR	07:57z 10Sep2014	2.37m
SALALAH	08:02z 10Sep2014	1.13m
DHALKUT	08:11z 10Sep2014	1.49m

PAKISTAN

PASNI	06:03z 10Sep2014	8.30m
JIWANI	06:03z 10Sep2014	4.50m
BAGAR	06:05z 10Sep2014	4.62m
ORMARA	06:08z 10Sep2014	4.47m
KUND MALIR BEACH- MAKRAN HIGHWAY	06:09z 10Sep2014	4.50m
WINDER	06:29z 10Sep2014	5.42m
KARACHI	06:36z 10Sep2014	5.33m
SINDH	07:14z 10Sep2014	3.97m

REUNION

SAINT - JOSEPH	13:13z 10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z 10Sep2014	1.92m
REMIRE ISLAND	10:48z 10Sep2014	1.42m
ILE DESROCHES	11:01z 10Sep2014	1.30m
ALPHONSE ISLAND	11:02z 10Sep2014	0.97m
PLATTE ISLAND	11:11z 10Sep2014	1.41m
COETIVY ISLAND	11:12z 10Sep2014	1.09m
FREGATE ISLAND	11:15z 10Sep2014	2.12m
ASTOVE ISLAND	11:32z 10Sep2014	0.93m
ALDABRA	11:36z 10Sep2014	0.98m
FARQUHAR GROUP	13:31z 10Sep2014	0.92m

SOMALIA

CAPE GUARDAFUI	09:06z 10Sep2014	1.68m
HAFUN	09:10z 10Sep2014	2.07m
ABO	09:11z 10Sep2014	1.75m
TOOXIN	09:13z 10Sep2014	2.32m

QANDALA	09:14z	10Sep2014	1.63m
DARIMOH	09:18z	10Sep2014	1.59m
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UNITED ARAB EMIRATES

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YEMEN

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METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

[monitrtp@bmkg.go.id](mailto:monitrtp@bmkg.go.id)

END OF BULLETIN

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



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.

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FOMBONI	12:12z 10Sep2014	1.08m
DZAOUDZI	12:15z 10Sep2014	0.72m

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MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
NW ARTA	12:15z 10Sep2014	1.68m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:17z 10Sep2014	1.37m
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#### INDIA

MANDVI	07:16z 10Sep2014	3.72m
DWARKA	07:54z 10Sep2014	3.36m
PORBANDAR	07:54z 10Sep2014	3.00m
VERAVAL	08:11z 10Sep2014	2.81m

AGATTI	08:43z 10Sep2014	3.31m
KAVARATTI	08:55z 10Sep2014	1.60m
AMINI	08:57z 10Sep2014	3.46m
MALVAN BAY	08:57z 10Sep2014	2.17m
PANAJI	09:08z 10Sep2014	2.75m
MINICOY	09:10z 10Sep2014	1.97m
ANDROTH	09:10z 10Sep2014	2.11m
ANJANWEL	09:11z 10Sep2014	3.06m
KARWAR	09:18z 10Sep2014	2.87m
AMRELI	09:19z 10Sep2014	3.35m
ALIBAG PORT	09:34z 10Sep2014	3.26m
MANGALORE	09:42z 10Sep2014	2.62m
MUMBAI	09:44z 10Sep2014	3.35m
CHANDRAGIRI FORT	09:45z 10Sep2014	3.20m
MADAYI KANNUR	09:47z 10Sep2014	2.00m
GULF OF KHAMBAT	09:53z 10Sep2014	3.80m
ALLEPPEY ALAPPUZHA	09:56z 10Sep2014	2.28m
COCHIN	09:59z 10Sep2014	2.60m
QUILON	10:01z 10Sep2014	2.55m
BEYPORE	10:01z 10Sep2014	2.59m
TRIVANDRUM	10:14z 10Sep2014	2.17m
KANYAKUMARI	10:25z 10Sep2014	1.97m
KOODANKULAM	10:57z 10Sep2014	2.70m
RAMESWARAM	11:07z 10Sep2014	1.45m
TUTICORIN	12:31z 10Sep2014	1.84m
INDIRA POINT	15:46z 10Sep2014	0.80m
KOMATRA AND KATCHAL ISLAND	16:11z 10Sep2014	0.68m
NORTH SENTINEL ISLAND	17:54z 10Sep2014	0.64m

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INDONESIA

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SUMUT NIAS BAGIAN BARAT	13:33z 10Sep2014	0.76m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	16:13z 10Sep2014	0.70m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	16:27z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU BREUEH	16:36z 10Sep2014	1.07m
SUMUT NIAS-SELATAN PULAU TANABALA	16:42z 10Sep2014	0.79m
BENGKULU SELUMA	16:42z 10Sep2014	0.62m
NAD SIMEULUE PULAU SIMEULUE	16:47z 10Sep2014	0.76m
NAD ACEH-JAYA	16:59z 10Sep2014	0.82m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:01z 10Sep2014	0.75m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.66m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:14z 10Sep2014	0.67m
BANTEN PANDEGLANG BAGIAN UTARA	17:18z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU PENAS	17:39z 10Sep2014	0.72m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:53z 10Sep2014	0.78m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	17:55z 10Sep2014	0.59m
BENGKULU KAUR	17:56z 10Sep2014	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	17:59z 10Sep2014	0.65m

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IRAN

PUSHT	06:01z	10Sep2014	9.47m
BIR	06:03z	10Sep2014	10.78m
MACHAN	06:04z	10Sep2014	10.99m
VANAK	06:14z	10Sep2014	4.87m
JASK	06:32z	10Sep2014	5.37m
MISKI	06:49z	10Sep2014	5.37m
SIRIK	07:17z	10Sep2014	4.72m
SAR RIG	08:13z	10Sep2014	3.86m

KENYA

KIWAYU	11:30z	10Sep2014	1.18m
LAMU	11:50z	10Sep2014	0.91m
TAKAUNGU	12:02z	10Sep2014	1.38m
KIPINI	12:05z	10Sep2014	1.22m
MVULENI	12:08z	10Sep2014	1.29m
MALINDI	13:39z	10Sep2014	1.02m

MADAGASCAR

GLORIOSO ISLANDS	11:50z	10Sep2014	1.31m
MANGAOKA	11:56z	10Sep2014	1.22m
AMPONDRABE	11:58z	10Sep2014	1.39m
VOHEMAR	12:06z	10Sep2014	1.12m
MAHALINA	12:11z	10Sep2014	1.27m
TSARABARIA	12:12z	10Sep2014	0.90m
FARAHALANA	12:19z	10Sep2014	1.22m
AMBOHITRALANANA	12:26z	10Sep2014	0.98m
NOSY MAKAMBY	12:45z	10Sep2014	0.94m
AMPOMBIANTAMBO	13:34z	10Sep2014	1.16m
SOANIERANA-IVONGO	13:51z	10Sep2014	0.84m
RATSIANARANA	14:05z	10Sep2014	0.94m
FENOARIVO AT SINANANA	14:08z	10Sep2014	0.92m
AMBINANINONY	14:12z	10Sep2014	0.74m
TAMPOLO	14:12z	10Sep2014	1.17m
ANDOANY	14:23z	10Sep2014	1.03m
AMBAHY	14:25z	10Sep2014	0.80m
NAMORONA	14:32z	10Sep2014	0.82m
FARAFAGANA	14:42z	10Sep2014	0.71m
MANANTENINA	15:08z	10Sep2014	0.58m
TOAMASINA	15:20z	10Sep2014	0.59m
TOLANARO	15:28z	10Sep2014	0.98m
AMBANJA	15:34z	10Sep2014	0.62m
ANOROTSANGANA	15:36z	10Sep2014	0.78m
AMBENJA	15:56z	10Sep2014	0.76m



TOAMASINA AIRPORT	16:18z	10Sep2014	0.67m
ANTANANARIVO	16:44z	10Sep2014	0.60m
VANGAINDRANO	17:11z	10Sep2014	0.69m
BESALAMPY	17:24z	10Sep2014	0.67m
MAHAJANGA	17:40z	10Sep2014	0.81m
VOALAVO	17:54z	10Sep2014	0.59m

#### MALDIVES

KULHUDHUFFUSHI	09:19z	10Sep2014	4.15m
GOIDHOO	09:22z	10Sep2014	3.59m
FERIDHOO	09:35z	10Sep2014	3.34m
NILANDHOO	09:45z	10Sep2014	2.64m
DHIYAMIGILI	09:52z	10Sep2014	2.58m
MALE	09:54z	10Sep2014	2.42m
THINADHOO	10:06z	10Sep2014	3.05m
HITHADHOO	10:17z	10Sep2014	2.26m
KOLHUFUSHI	10:18z	10Sep2014	1.02m

#### MAURITIUS

AGALEGA ISLAND	11:41z	10Sep2014	1.38m
LA FERME	13:03z	10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z	10Sep2014	1.05m
CARGADOS CARAJOS	13:15z	10Sep2014	1.15m

#### MOZAMBIQUE

MAGANJA	12:20z	10Sep2014	1.00m
MERONVI	12:26z	10Sep2014	1.11m
QUITERAJO	12:37z	10Sep2014	1.18m
TAVARI	12:38z	10Sep2014	0.95m
LURIO	12:51z	10Sep2014	0.82m
MINHAUINE	12:56z	10Sep2014	0.83m
NANGATA	12:59z	10Sep2014	0.80m
MURREBUE	14:53z	10Sep2014	0.72m
CALAJULO	15:47z	10Sep2014	0.59m

#### OMAN

MUSCAT	06:10z	10Sep2014	7.00m
QALHAT	06:14z	10Sep2014	9.43m
BARKA	06:17z	10Sep2014	5.38m
RASS AL HADD	06:17z	10Sep2014	9.91m
AL KHABURAH	06:27z	10Sep2014	4.72m
AL ASHKHARAH	06:36z	10Sep2014	4.56m

SUHAR	06:37z 10Sep2014	4.42m
MASIRAH	06:51z 10Sep2014	3.42m
ABU GHALAT	06:54z 10Sep2014	4.94m
MANADHIF	07:05z 10Sep2014	3.64m
MUSANDAM	07:09z 10Sep2014	4.50m
JUWAYRAH	07:19z 10Sep2014	2.03m
AL DUQM	07:28z 10Sep2014	2.92m
SHARBTHAT	07:37z 10Sep2014	3.60m
HASIK	07:46z 10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z 10Sep2014	2.09m
MIRBAT	07:53z 10Sep2014	1.22m
AL JAZIR	07:57z 10Sep2014	2.37m
SALALAH	08:02z 10Sep2014	1.13m
DHALKUT	08:11z 10Sep2014	1.49m

PAKISTAN

PASNI	06:03z 10Sep2014	8.30m
JIWANI	06:03z 10Sep2014	4.50m
BAGAR	06:05z 10Sep2014	4.62m
ORMARA	06:08z 10Sep2014	4.47m
KUND MALIR BEACH- MAKRAH HIGHWAY	06:09z 10Sep2014	4.50m
WINDER	06:29z 10Sep2014	5.42m
KARACHI	06:36z 10Sep2014	5.33m
SINDH	07:14z 10Sep2014	3.97m

REUNION

SAINT - JOSEPH	13:13z 10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z 10Sep2014	1.92m
REMIRE ISLAND	10:48z 10Sep2014	1.42m
ILE DESROCHES	11:01z 10Sep2014	1.30m
ALPHONSE ISLAND	11:02z 10Sep2014	0.97m
PLATTE ISLAND	11:11z 10Sep2014	1.41m
COETIVY ISLAND	11:12z 10Sep2014	1.09m
FREGATE ISLAND	11:15z 10Sep2014	2.12m
ASTOVE ISLAND	11:32z 10Sep2014	0.93m
ALDABRA	11:36z 10Sep2014	0.98m
FARQUHAR GROUP	13:31z 10Sep2014	0.92m

SOMALIA

CAPE GUARDAFUI	09:06z 10Sep2014	1.68m
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HAFUN	09:10z	10Sep2014	2.07m
ABO	09:11z	10Sep2014	1.75m
TOOXIN	09:13z	10Sep2014	2.32m
QANDALA	09:14z	10Sep2014	1.63m
DARIMOH	09:18z	10Sep2014	1.59m
ISKUSHUBAN	09:20z	10Sep2014	1.86m
BANDARBEYLA	09:20z	10Sep2014	1.50m
HADAAFTIMO	09:28z	10Sep2014	1.62m
HURDYO	09:29z	10Sep2014	2.49m
EYL	09:30z	10Sep2014	1.44m
BOSASO	09:30z	10Sep2014	1.58m
GALDOGOB	09:41z	10Sep2014	1.83m
GALGALA	09:44z	10Sep2014	1.33m
NORTHERN HOBYO	09:49z	10Sep2014	1.55m
SOUTHERN HOBYO	09:51z	10Sep2014	1.23m
MAYDH	09:57z	10Sep2014	2.04m
KABURA	10:03z	10Sep2014	2.12m
XARARDHEERE	10:11z	10Sep2014	1.47m
CEEL DHEER	10:17z	10Sep2014	1.69m
MAREEG	10:21z	10Sep2014	0.97m
BERBERA	10:22z	10Sep2014	1.06m
CEELBUUR	10:27z	10Sep2014	1.14m
ANTERAL	10:27z	10Sep2014	1.01m
ITALA	10:30z	10Sep2014	1.28m
UARSCIECH	10:35z	10Sep2014	1.22m
BAKI	10:36z	10Sep2014	1.77m
SAYLAC	10:41z	10Sep2014	1.91m
BEYNAX BARRE	10:57z	10Sep2014	1.01m
LOYADO	10:58z	10Sep2014	1.72m
BARAAWE	10:59z	10Sep2014	0.93m
JILIB	11:05z	10Sep2014	1.26m
JARIIBAN	11:19z	10Sep2014	1.34m
KISMAAYO	11:23z	10Sep2014	1.21m
KAAMBOONI	11:27z	10Sep2014	1.19m
NE BEERNAASI	14:32z	10Sep2014	1.00m
TURDHO	15:30z	10Sep2014	0.89m
MUQDISHO	16:16z	10Sep2014	1.06m

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SRI LANKA

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NEGOMBO	10:39z	10Sep2014	2.48m
COLOMBO	10:41z	10Sep2014	2.04m
HIKKADUWA	10:41z	10Sep2014	1.38m
MUNDAL LAKE	10:55z	10Sep2014	0.98m
MATARA	10:58z	10Sep2014	0.95m
YALA	11:55z	10Sep2014	0.88m
MANNAR ISLAND	13:06z	10Sep2014	1.02m
POTTUVIL	17:10z	10Sep2014	0.67m

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#### TANZANIA

VUMBA	11:59z	10Sep2014	1.29m
ZANZIBAR	12:07z	10Sep2014	1.77m
KUTANI	12:15z	10Sep2014	1.52m
JIMBO	12:18z	10Sep2014	0.86m
SONGO MNARA	12:19z	10Sep2014	1.04m
MSASANI	12:20z	10Sep2014	1.79m
MADANGWA	12:23z	10Sep2014	1.29m
RUVU	12:23z	10Sep2014	1.13m
BOMALANDNI	12:27z	10Sep2014	1.61m
VUMBI	13:47z	10Sep2014	1.10m
JAJA	14:10z	10Sep2014	1.02m
GAZIJA	14:14z	10Sep2014	1.00m

#### UNITED ARAB EMIRATES

KALBA	06:43z	10Sep2014	5.16m
ZIGGHY BAY	06:59z	10Sep2014	4.72m

#### YEMEN

SOCOTRA ISLAND SOUTH	08:21z	10Sep2014	1.65m
AL GHAYDAH AIRPORT	08:31z	10Sep2014	2.40m
HUSWAYN	08:32z	10Sep2014	1.60m
SOCOTRA ISLAND NORTH	08:37z	10Sep2014	2.01m
SOCOTRA ISLAND WEST	08:41z	10Sep2014	1.94m
ITAB	08:55z	10Sep2014	1.73m
HAMI	09:06z	10Sep2014	1.58m
AL QUMRAH	09:08z	10Sep2014	1.33m
AL MUKALLA	09:19z	10Sep2014	1.70m
BROM MAYFA	09:26z	10Sep2014	1.05m
YEMEN	09:33z	10Sep2014	1.22m
HISN BALID	09:55z	10Sep2014	0.71m
AHWAR	09:56z	10Sep2014	0.75m
BIR JABIR	10:14z	10Sep2014	1.13m
ADEN	10:28z	10Sep2014	1.84m
QAWAH	10:49z	10Sep2014	2.31m
KHANFAR	11:39z	10Sep2014	1.15m

#### 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/egevents.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

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

[monitrtp@bmkg.go.id](mailto:monitrtp@bmkg.go.id)

END OF BULLETIN

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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	14:03z 10Sep2014	0.64m
CHRISTMAS ISLAND	15:05z 10Sep2014	0.68m
DIRK HARTOG ISLAND WEST COAST	17:33z 10Sep2014	1.06m
CORAL BAY	17:38z 10Sep2014	0.69m
BORROW ISLAND	17:39z 10Sep2014	0.81m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	10:52z 10Sep2014	2.02m
NW EGMONT ISLAND	11:03z 10Sep2014	2.04m
DIEGO GARCIA	11:28z 10Sep2014	2.23m

#### COMOROS

CHEZANI	12:08z 10Sep2014	0.76m
BAMBAO	12:09z 10Sep2014	0.86m
FOMBONI	12:12z 10Sep2014	1.08m
DZAOUDZI	12:15z 10Sep2014	0.72m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
NW ARTA	12:15z 10Sep2014	1.68m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:17z 10Sep2014	1.37m
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#### INDIA

MANDVI	07:16z 10Sep2014	3.72m
DWARKA	07:54z 10Sep2014	3.36m

PORBANDAR	07:54z 10Sep2014	3.00m
VERAVAL	08:11z 10Sep2014	2.81m
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KAVARATTI	08:55z 10Sep2014	1.60m
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MALVAN BAY	08:57z 10Sep2014	2.17m
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MINICOY	09:10z 10Sep2014	1.97m
ANDROTH	09:10z 10Sep2014	2.11m
ANJANWEL	09:11z 10Sep2014	3.06m
KARWAR	09:18z 10Sep2014	2.87m
AMRELI	09:19z 10Sep2014	3.35m
ALIBAG PORT	09:34z 10Sep2014	3.26m
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GULF OF KHAMBAT	09:53z 10Sep2014	3.80m
ALLEPPEY ALAPPUZHA	09:56z 10Sep2014	2.28m
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BEYPORE	10:01z 10Sep2014	2.59m
TRIVANDRUM	10:14z 10Sep2014	2.17m
KANYAKUMARI	10:25z 10Sep2014	1.97m
KOODANKULAM	10:57z 10Sep2014	2.70m
RAMESWARAM	11:07z 10Sep2014	1.45m
TUTICORIN	12:31z 10Sep2014	1.84m
INDIRA POINT	15:46z 10Sep2014	0.80m
KOMATRA AND KATCHAL ISLAND	16:11z 10Sep2014	0.68m
NORTH SENTINEL ISLAND	17:54z 10Sep2014	0.64m

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INDONESIA

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BENGKULU KAUR	17:56z 10Sep2014	0.67m



## IRAN

PUSHT	06:01z 10Sep2014	9.47m
BIR	06:03z 10Sep2014	10.78m
MACHAN	06:04z 10Sep2014	10.99m
VANAK	06:14z 10Sep2014	4.87m
JASK	06:32z 10Sep2014	5.37m
MISKI	06:49z 10Sep2014	5.37m
SIRIK	07:17z 10Sep2014	4.72m
SAR RIG	08:13z 10Sep2014	3.86m

## KENYA

KIWAYU	11:30z 10Sep2014	1.18m
LAMU	11:50z 10Sep2014	0.91m
TAKAUNGU	12:02z 10Sep2014	1.38m
KIPINI	12:05z 10Sep2014	1.22m
MVULENI	12:08z 10Sep2014	1.29m
MALINDI	13:39z 10Sep2014	1.02m

## MADAGASCAR

GLORIOSO ISLANDS	11:50z 10Sep2014	1.31m
MANGAOKA	11:56z 10Sep2014	1.22m
AMPONDRABE	11:58z 10Sep2014	1.39m
VOHEMAR	12:06z 10Sep2014	1.12m
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TAMPOLO	14:12z 10Sep2014	1.17m
ANDOANY	14:23z 10Sep2014	1.03m
AMBAHY	14:25z 10Sep2014	0.80m
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DHIYAMIGILI	09:52z	10Sep2014	2.58m
MALE	09:54z	10Sep2014	2.42m
THINADHOO	10:06z	10Sep2014	3.05m
HITHADHOO	10:17z	10Sep2014	2.26m
KOLHUFUSHI	10:18z	10Sep2014	1.02m

#### MAURITIUS

AGALEGA ISLAND	11:41z	10Sep2014	1.38m
LA FERME	13:03z	10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z	10Sep2014	1.05m
CARGADOS CARAJOS	13:15z	10Sep2014	1.15m

#### MOZAMBIQUE

MAGANJA	12:20z	10Sep2014	1.00m
MERONVI	12:26z	10Sep2014	1.11m
QUITERAJÓ	12:37z	10Sep2014	1.18m
TAVARI	12:38z	10Sep2014	0.95m
LURIO	12:51z	10Sep2014	0.82m
MINHAUINE	12:56z	10Sep2014	0.83m
NANGATA	12:59z	10Sep2014	0.80m
MURREBUE	14:53z	10Sep2014	0.72m
CALAJULO	15:47z	10Sep2014	0.59m

#### OMAN

MUSCAT	06:10z	10Sep2014	7.00m
QALHAT	06:14z	10Sep2014	9.43m
BARKA	06:17z	10Sep2014	5.38m
RASS AL HADD	06:17z	10Sep2014	9.91m

AL KHABURAH	06:27z 10Sep2014	4.72m
AL ASHKHARAH	06:36z 10Sep2014	4.56m
SUHAR	06:37z 10Sep2014	4.42m
MASIRAH	06:51z 10Sep2014	3.42m
ABU GHALAT	06:54z 10Sep2014	4.94m
MANADHIF	07:05z 10Sep2014	3.64m
MUSANDAM	07:09z 10Sep2014	4.50m
JUWAYRAH	07:19z 10Sep2014	2.03m
AL DUQM	07:28z 10Sep2014	2.92m
SHARBTHAT	07:37z 10Sep2014	3.60m
HASIK	07:46z 10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z 10Sep2014	2.09m
MIRBAT	07:53z 10Sep2014	1.22m
AL JAZIR	07:57z 10Sep2014	2.37m
SALALAH	08:02z 10Sep2014	1.13m
DHALKUT	08:11z 10Sep2014	1.49m

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PAKISTAN

PASNI	06:03z 10Sep2014	8.30m
JIWANI	06:03z 10Sep2014	4.50m
BAGAR	06:05z 10Sep2014	4.62m
ORMARA	06:08z 10Sep2014	4.47m
KUND MALIR BEACH- MAKRAN HIGHWAY	06:09z 10Sep2014	4.50m
WINDER	06:29z 10Sep2014	5.42m
KARACHI	06:36z 10Sep2014	5.33m
SINDH	07:14z 10Sep2014	3.97m

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REUNION

SAINT - JOSEPH	13:13z 10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z 10Sep2014	1.92m
REMIRE ISLAND	10:48z 10Sep2014	1.42m
ILE DESROCHES	11:01z 10Sep2014	1.30m
ALPHONSE ISLAND	11:02z 10Sep2014	0.97m
PLATTE ISLAND	11:11z 10Sep2014	1.41m
COETIVY ISLAND	11:12z 10Sep2014	1.09m
FREGATE ISLAND	11:15z 10Sep2014	2.12m
ASTOVE ISLAND	11:32z 10Sep2014	0.93m
ALDABRA	11:36z 10Sep2014	0.98m
FARQUHAR GROUP	13:31z 10Sep2014	0.92m

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SOMALIA

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CAPE GUARDAFUI	09:06z	10Sep2014	1.68m
HAFUN	09:10z	10Sep2014	2.07m
ABO	09:11z	10Sep2014	1.75m
TOOXIN	09:13z	10Sep2014	2.32m
QANDALA	09:14z	10Sep2014	1.63m
DARIMOH	09:18z	10Sep2014	1.59m
ISKUSHUBAN	09:20z	10Sep2014	1.86m
BANDARBEYLA	09:20z	10Sep2014	1.50m
HADAAFTIMO	09:28z	10Sep2014	1.62m
HURDYO	09:29z	10Sep2014	2.49m
EYL	09:30z	10Sep2014	1.44m
BOSASO	09:30z	10Sep2014	1.58m
GALDOGOB	09:41z	10Sep2014	1.83m
GALGALA	09:44z	10Sep2014	1.33m
NORTHERN HOBYO	09:49z	10Sep2014	1.55m
SOUTHERN HOBYO	09:51z	10Sep2014	1.23m
MAYDH	09:57z	10Sep2014	2.04m
KABURA	10:03z	10Sep2014	2.12m
XARARDHEERE	10:11z	10Sep2014	1.47m
CEEL DHEER	10:17z	10Sep2014	1.69m
MAREEG	10:21z	10Sep2014	0.97m
BERBERA	10:22z	10Sep2014	1.06m
CEELBUUR	10:27z	10Sep2014	1.14m
ANTERAL	10:27z	10Sep2014	1.01m
ITALA	10:30z	10Sep2014	1.28m
UARSCIECH	10:35z	10Sep2014	1.22m
BAKI	10:36z	10Sep2014	1.77m
SAYLAC	10:41z	10Sep2014	1.91m
BEYNAX BARRE	10:57z	10Sep2014	1.01m
LOYADO	10:58z	10Sep2014	1.72m
BARAAWE	10:59z	10Sep2014	0.93m
JILIB	11:05z	10Sep2014	1.26m
JARIIBAN	11:19z	10Sep2014	1.34m
KISMAAYO	11:23z	10Sep2014	1.21m
KAAMBOONI	11:27z	10Sep2014	1.19m
NE BEERNAASI	14:32z	10Sep2014	1.00m
TURDHO	15:30z	10Sep2014	0.89m
MUQDISHO	16:16z	10Sep2014	1.06m
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SRI LANKA

-----			
NEGOMBO	10:39z	10Sep2014	2.48m
COLOMBO	10:41z	10Sep2014	2.04m
HIKKADUWA	10:41z	10Sep2014	1.38m
MUNDAL LAKE	10:55z	10Sep2014	0.98m
MATARA	10:58z	10Sep2014	0.95m
YALA	11:55z	10Sep2014	0.88m
MANNAR ISLAND	13:06z	10Sep2014	1.02m

POTTUVIL 17:10z 10Sep2014 0.67m

TANZANIA

VUMBA	11:59z 10Sep2014	1.29m
ZANZIBAR	12:07z 10Sep2014	1.77m
KUTANI	12:15z 10Sep2014	1.52m
JIMBO	12:18z 10Sep2014	0.86m
SONGO MNARA	12:19z 10Sep2014	1.04m
MSASANI	12:20z 10Sep2014	1.79m
MADANGWA	12:23z 10Sep2014	1.29m
RUVU	12:23z 10Sep2014	1.13m
BOMALANDNI	12:27z 10Sep2014	1.61m
VUMBI	13:47z 10Sep2014	1.10m
JAJA	14:10z 10Sep2014	1.02m
GAZIJA	14:14z 10Sep2014	1.00m

UNITED ARAB EMIRATES

KALBA	06:43z 10Sep2014	5.16m
ZIGGHY BAY	06:59z 10Sep2014	4.72m

YEMEN

SOCOTRA ISLAND SOUTH	08:21z 10Sep2014	1.65m
AL GHAYDAH AIRPORT	08:31z 10Sep2014	2.40m
HUSWAYN	08:32z 10Sep2014	1.60m
SOCOTRA ISLAND NORTH	08:37z 10Sep2014	2.01m
SOCOTRA ISLAND WEST	08:41z 10Sep2014	1.94m
ITAB	08:55z 10Sep2014	1.73m
HAMI	09:06z 10Sep2014	1.58m
AL QUMRAH	09:08z 10Sep2014	1.33m
AL MUKALLA	09:19z 10Sep2014	1.70m
BROM MAYFA	09:26z 10Sep2014	1.05m
YEMEN	09:33z 10Sep2014	1.22m
HISN BALID	09:55z 10Sep2014	0.71m
AHWAR	09:56z 10Sep2014	0.75m
BIR JABIR	10:14z 10Sep2014	1.13m
ADEN	10:28z 10Sep2014	1.84m
QAWAH	10:49z 10Sep2014	2.31m
KHANFAR	11:39z 10Sep2014	1.15m

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/egevents.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

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

[monitrtp@bmkg.go.id](mailto:monitrtp@bmkg.go.id)

END OF BULLETIN

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



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	14:03z 10Sep2014	0.64m
CHRISTMAS ISLAND	15:05z 10Sep2014	0.68m
DIRK HARTOG ISLAND WEST COAST	17:33z 10Sep2014	1.06m
CORAL BAY	17:38z 10Sep2014	0.69m
BORROW ISLAND	17:39z 10Sep2014	0.81m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	10:52z 10Sep2014	2.02m
NW EGMONT ISLAND	11:03z 10Sep2014	2.04m
DIEGO GARCIA	11:28z 10Sep2014	2.23m

#### COMOROS

CHEZANI	12:08z 10Sep2014	0.76m
BAMBAO	12:09z 10Sep2014	0.86m
FOMBONI	12:12z 10Sep2014	1.08m
DZAOUDZI	12:15z 10Sep2014	0.72m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
NW ARTA	12:15z 10Sep2014	1.68m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:17z 10Sep2014	1.37m
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#### INDIA

MANDVI	07:16z 10Sep2014	3.72m
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DWARKA	07:54z 10Sep2014	3.36m
PORBANDAR	07:54z 10Sep2014	3.00m
VERAVAL	08:11z 10Sep2014	2.81m
AGATTI	08:43z 10Sep2014	3.31m
KAVARATTI	08:55z 10Sep2014	1.60m
AMINI	08:57z 10Sep2014	3.46m
MALVAN BAY	08:57z 10Sep2014	2.17m
PANAJI	09:08z 10Sep2014	2.75m
MINICOY	09:10z 10Sep2014	1.97m
ANDROTH	09:10z 10Sep2014	2.11m
ANJANWEL	09:11z 10Sep2014	3.06m
KARWAR	09:18z 10Sep2014	2.87m
AMRELI	09:19z 10Sep2014	3.35m
ALIBAG PORT	09:34z 10Sep2014	3.26m
MANGALORE	09:42z 10Sep2014	2.62m
MUMBAI	09:44z 10Sep2014	3.35m
CHANDRAGIRI FORT	09:45z 10Sep2014	3.20m
MADAYI KANNUR	09:47z 10Sep2014	2.00m
GULF OF KHAMBAT	09:53z 10Sep2014	3.80m
ALLEPPEY ALAPPUZHA	09:56z 10Sep2014	2.28m
COCHIN	09:59z 10Sep2014	2.60m
QUILON	10:01z 10Sep2014	2.55m
BEYPORE	10:01z 10Sep2014	2.59m
TRIVANDRUM	10:14z 10Sep2014	2.17m
KANYAKUMARI	10:25z 10Sep2014	1.97m
KOODANKULAM	10:57z 10Sep2014	2.70m
RAMESWARAM	11:07z 10Sep2014	1.45m
TUTICORIN	12:31z 10Sep2014	1.84m
INDIRA POINT	15:46z 10Sep2014	0.80m
KOMATRA AND KATCHAL ISLAND	16:11z 10Sep2014	0.68m
NORTH SENTINEL ISLAND	17:54z 10Sep2014	0.64m

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INDONESIA

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SUMUT NIAS BAGIAN BARAT	13:33z 10Sep2014	0.76m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	16:13z 10Sep2014	0.70m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	16:27z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU BREUEH	16:36z 10Sep2014	1.07m
SUMUT NIAS-SELATAN PULAU TANABALA	16:42z 10Sep2014	0.79m
BENGKULU SELUMA	16:42z 10Sep2014	0.62m
NAD SIMEULUE PULAU SIMEULUE	16:47z 10Sep2014	0.76m
NAD ACEH-JAYA	16:59z 10Sep2014	0.82m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:01z 10Sep2014	0.75m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.66m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:14z 10Sep2014	0.67m
BANTEN PANDEGLANG BAGIAN UTARA	17:18z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU PENAS	17:39z 10Sep2014	0.72m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:53z 10Sep2014	0.78m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	17:55z 10Sep2014	0.59m

BENGKULU KAUR	17:56z 10Sep2014	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	17:59z 10Sep2014	0.65m

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IRAN

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PUSHT	06:01z 10Sep2014	9.47m
BIR	06:03z 10Sep2014	10.78m
MACHAN	06:04z 10Sep2014	10.99m
VANAK	06:14z 10Sep2014	4.87m
JASK	06:32z 10Sep2014	5.37m
MISKI	06:49z 10Sep2014	5.37m
SIRIK	07:17z 10Sep2014	4.72m
SAR RIG	08:13z 10Sep2014	3.86m

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KENYA

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KIWAYU	11:30z 10Sep2014	1.18m
LAMU	11:50z 10Sep2014	0.91m
TAKAUNGU	12:02z 10Sep2014	1.38m
KIPINI	12:05z 10Sep2014	1.22m
MVULENI	12:08z 10Sep2014	1.29m
MALINDI	13:39z 10Sep2014	1.02m

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MADAGASCAR

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GLORIOSO ISLANDS	11:50z 10Sep2014	1.31m
MANGAOKA	11:56z 10Sep2014	1.22m
AMPONDRABE	11:58z 10Sep2014	1.39m
VOHEMAR	12:06z 10Sep2014	1.12m
MAHALINA	12:11z 10Sep2014	1.27m
TSARABARIA	12:12z 10Sep2014	0.90m
FARAHALANA	12:19z 10Sep2014	1.22m
AMBOHITRALANANA	12:26z 10Sep2014	0.98m
NOSY MAKAMBY	12:45z 10Sep2014	0.94m
AMPOMBIANTAMBO	13:34z 10Sep2014	1.16m
SOANIERANA-IVONGO	13:51z 10Sep2014	0.84m
RATSIANARANA	14:05z 10Sep2014	0.94m
FENOARIVO ATSINANANA	14:08z 10Sep2014	0.92m
AMBINANINONY	14:12z 10Sep2014	0.74m
TAMPOLO	14:12z 10Sep2014	1.17m
ANDOANY	14:23z 10Sep2014	1.03m
AMBAHY	14:25z 10Sep2014	0.80m
NAMORONA	14:32z 10Sep2014	0.82m
FARAFAGANA	14:42z 10Sep2014	0.71m
MANANTENINA	15:08z 10Sep2014	0.58m
TOAMASINA	15:20z 10Sep2014	0.59m
TOLANARO	15:28z 10Sep2014	0.98m

AMBANJA	15:34z	10Sep2014	0.62m
ANOROTSANGANA	15:36z	10Sep2014	0.78m
AMBENJA	15:56z	10Sep2014	0.76m
TOAMASINA AIRPORT	16:18z	10Sep2014	0.67m
ANTANANARIVO	16:44z	10Sep2014	0.60m
VANGAINDRANO	17:11z	10Sep2014	0.69m
BESALAMPY	17:24z	10Sep2014	0.67m
MAHAJANGA	17:40z	10Sep2014	0.81m
VOALAVO	17:54z	10Sep2014	0.59m

#### MALDIVES

KULHUDHUFFUSHI	09:19z	10Sep2014	4.15m
GOIDHOO	09:22z	10Sep2014	3.59m
FERIDHOO	09:35z	10Sep2014	3.34m
NILANDHOO	09:45z	10Sep2014	2.64m
DHIYAMIGILI	09:52z	10Sep2014	2.58m
MALE	09:54z	10Sep2014	2.42m
THINADHOO	10:06z	10Sep2014	3.05m
HITHADHOO	10:17z	10Sep2014	2.26m
KOLHUFUSHI	10:18z	10Sep2014	1.02m

#### MAURITIUS

AGALEGA ISLAND	11:41z	10Sep2014	1.38m
LA FERME	13:03z	10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z	10Sep2014	1.05m
CARGADOS CARAJOS	13:15z	10Sep2014	1.15m

#### MOZAMBIQUE

MAGANJA	12:20z	10Sep2014	1.00m
MERONVI	12:26z	10Sep2014	1.11m
QUITERAJO	12:37z	10Sep2014	1.18m
TAVARI	12:38z	10Sep2014	0.95m
LURIO	12:51z	10Sep2014	0.82m
MINHAUINE	12:56z	10Sep2014	0.83m
NANGATA	12:59z	10Sep2014	0.80m
MURREBUE	14:53z	10Sep2014	0.72m
CALAJULO	15:47z	10Sep2014	0.59m

#### OMAN

MUSCAT	06:10z	10Sep2014	7.00m
QALHAT	06:14z	10Sep2014	9.43m
BARKA	06:17z	10Sep2014	5.38m

RASS AL HADD	06:17z 10Sep2014	9.91m
AL KHABURAH	06:27z 10Sep2014	4.72m
AL ASHKHARAH	06:36z 10Sep2014	4.56m
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MANADHIF	07:05z 10Sep2014	3.64m
MUSANDAM	07:09z 10Sep2014	4.50m
JUWAYRAH	07:19z 10Sep2014	2.03m
AL DUQM	07:28z 10Sep2014	2.92m
SHARBTHAT	07:37z 10Sep2014	3.60m
HASIK	07:46z 10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z 10Sep2014	2.09m
MIRBAT	07:53z 10Sep2014	1.22m
AL JAZIR	07:57z 10Sep2014	2.37m
SALALAH	08:02z 10Sep2014	1.13m
DHALKUT	08:11z 10Sep2014	1.49m

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PAKISTAN

PASNI	06:03z 10Sep2014	8.30m
JIWANI	06:03z 10Sep2014	4.50m
BAGAR	06:05z 10Sep2014	4.62m
ORMARA	06:08z 10Sep2014	4.47m
KUND MALIR BEACH- MAKHRAN HIGHWAY	06:09z 10Sep2014	4.50m
WINDER	06:29z 10Sep2014	5.42m
KARACHI	06:36z 10Sep2014	5.33m
SINDH	07:14z 10Sep2014	3.97m

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REUNION

SAINT - JOSEPH	13:13z 10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z 10Sep2014	1.92m
REMIRE ISLAND	10:48z 10Sep2014	1.42m
ILE DESROCHES	11:01z 10Sep2014	1.30m
ALPHONSE ISLAND	11:02z 10Sep2014	0.97m
PLATTE ISLAND	11:11z 10Sep2014	1.41m
COETIVY ISLAND	11:12z 10Sep2014	1.09m
FREGATE ISLAND	11:15z 10Sep2014	2.12m
ASTOVE ISLAND	11:32z 10Sep2014	0.93m
ALDABRA	11:36z 10Sep2014	0.98m
FARQUHAR GROUP	13:31z 10Sep2014	0.92m

## SOMALIA

CAPE GUARDAFUI	09:06z	10Sep2014	1.68m
HAFUN	09:10z	10Sep2014	2.07m
ABO	09:11z	10Sep2014	1.75m
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QANDALA	09:14z	10Sep2014	1.63m
DARIMOH	09:18z	10Sep2014	1.59m
ISKUSHUBAN	09:20z	10Sep2014	1.86m
BANDARBEYLA	09:20z	10Sep2014	1.50m
HADAAFTIMO	09:28z	10Sep2014	1.62m
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BOSASO	09:30z	10Sep2014	1.58m
GALDOGOB	09:41z	10Sep2014	1.83m
GALGALA	09:44z	10Sep2014	1.33m
NORTHERN HOBYO	09:49z	10Sep2014	1.55m
SOUTHERN HOBYO	09:51z	10Sep2014	1.23m
MAYDH	09:57z	10Sep2014	2.04m
KABURA	10:03z	10Sep2014	2.12m
XARARDHEERE	10:11z	10Sep2014	1.47m
CEEL DHEER	10:17z	10Sep2014	1.69m
MAREEG	10:21z	10Sep2014	0.97m
BERBERA	10:22z	10Sep2014	1.06m
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BAKI	10:36z	10Sep2014	1.77m
SAYLAC	10:41z	10Sep2014	1.91m
BEYNAX BARRE	10:57z	10Sep2014	1.01m
LOYADO	10:58z	10Sep2014	1.72m
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JILIB	11:05z	10Sep2014	1.26m
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NE BEERNAASI	14:32z	10Sep2014	1.00m
TURDHO	15:30z	10Sep2014	0.89m
MUQDISHO	16:16z	10Sep2014	1.06m

## SRI LANKA

NEGOMBO	10:39z	10Sep2014	2.48m
COLOMBO	10:41z	10Sep2014	2.04m
HIKKADUWA	10:41z	10Sep2014	1.38m
MUNDAL LAKE	10:55z	10Sep2014	0.98m
MATARA	10:58z	10Sep2014	0.95m
YALA	11:55z	10Sep2014	0.88m

MANNAR ISLAND	13:06z 10Sep2014	1.02m
POTTUVIL	17:10z 10Sep2014	0.67m

TANZANIA

VUMBA	11:59z 10Sep2014	1.29m
ZANZIBAR	12:07z 10Sep2014	1.77m
KUTANI	12:15z 10Sep2014	1.52m
JIMBO	12:18z 10Sep2014	0.86m
SONGO MNARA	12:19z 10Sep2014	1.04m
MSASANI	12:20z 10Sep2014	1.79m
MADANGWA	12:23z 10Sep2014	1.29m
RUVU	12:23z 10Sep2014	1.13m
BOMALANDNI	12:27z 10Sep2014	1.61m
VUMBI	13:47z 10Sep2014	1.10m
JAJA	14:10z 10Sep2014	1.02m
GAZIJA	14:14z 10Sep2014	1.00m

UNITED ARAB EMIRATES

KALBA	06:43z 10Sep2014	5.16m
ZIGGHY BAY	06:59z 10Sep2014	4.72m

YEMEN

SOCOTRA ISLAND SOUTH	08:21z 10Sep2014	1.65m
AL GHAYDAH AIRPORT	08:31z 10Sep2014	2.40m
HUSWAYN	08:32z 10Sep2014	1.60m
SOCOTRA ISLAND NORTH	08:37z 10Sep2014	2.01m
SOCOTRA ISLAND WEST	08:41z 10Sep2014	1.94m
ITAB	08:55z 10Sep2014	1.73m
HAMI	09:06z 10Sep2014	1.58m
AL QUMRAH	09:08z 10Sep2014	1.33m
AL MUKALLA	09:19z 10Sep2014	1.70m
BROM MAYFA	09:26z 10Sep2014	1.05m
YEMEN	09:33z 10Sep2014	1.22m
HISN BALID	09:55z 10Sep2014	0.71m
AHWAR	09:56z 10Sep2014	0.75m
BIR JABIR	10:14z 10Sep2014	1.13m
ADEN	10:28z 10Sep2014	1.84m
QAWAH	10:49z 10Sep2014	2.31m
KHANFAR	11:39z 10Sep2014	1.15m

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

## 5. UPDATES

Other RTSPs may issue additional information at:

RTSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

## 6. CONTACT INFORMATION

InaTEWS - Indonesian Tsunami Early Warning System

Tel.: +62 (21) 4246321/6546316

P.O. Box 3540 Jakarta

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

monitrtp@bmkgo.id

END OF BULLETIN

[illegible]





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	14:03z 10Sep2014	0.64m
CHRISTMAS ISLAND	15:05z 10Sep2014	0.68m
DIRK HARTOG ISLAND WEST COAST	17:33z 10Sep2014	1.06m
CORAL BAY	17:38z 10Sep2014	0.69m
BORROW ISLAND	17:39z 10Sep2014	0.81m

#### BRITISH INDIAN OCEAN TERRITORY

MORESBY ISLAND	10:52z 10Sep2014	2.02m
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DIEGO GARCIA	11:28z 10Sep2014	2.23m

#### COMOROS

CHEZANI	12:08z 10Sep2014	0.76m
BAMBAO	12:09z 10Sep2014	0.86m
FOMBONI	12:12z 10Sep2014	1.08m
DZAOUDZI	12:15z 10Sep2014	0.72m

#### DJIBOUTI

MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
NW ARTA	12:15z 10Sep2014	1.68m

#### FRENCH SOUTHERN AND ANTARCTIC LA

LLE SAINT-PAUL	16:17z 10Sep2014	1.37m
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#### INDIA

MANDVI	07:16z 10Sep2014	3.72m
DWARKA	07:54z 10Sep2014	3.36m
PORBANDAR	07:54z 10Sep2014	3.00m
VERAVAL	08:11z 10Sep2014	2.81m
AGATTI	08:43z 10Sep2014	3.31m
KAVARATTI	08:55z 10Sep2014	1.60m
AMINI	08:57z 10Sep2014	3.46m
MALVAN BAY	08:57z 10Sep2014	2.17m
PANAJI	09:08z 10Sep2014	2.75m
MINICOY	09:10z 10Sep2014	1.97m
ANDROTH	09:10z 10Sep2014	2.11m
ANJANWEL	09:11z 10Sep2014	3.06m
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AMRELI	09:19z 10Sep2014	3.35m
ALIBAG PORT	09:34z 10Sep2014	3.26m
MANGALORE	09:42z 10Sep2014	2.62m
MUMBAI	09:44z 10Sep2014	3.35m
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MADAYI KANNUR	09:47z 10Sep2014	2.00m
GULF OF KHAMBAT	09:53z 10Sep2014	3.80m
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KOODANKULAM	10:57z 10Sep2014	2.70m
RAMESWARAM	11:07z 10Sep2014	1.45m
TUTICORIN	12:31z 10Sep2014	1.84m
INDIRA POINT	15:46z 10Sep2014	0.80m
KOMATRA AND KATCHAL ISLAND	16:11z 10Sep2014	0.68m
NORTH SENTINEL ISLAND	17:54z 10Sep2014	0.64m

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INDONESIA

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SUMUT NIAS BAGIAN BARAT	13:33z 10Sep2014	0.76m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	16:13z 10Sep2014	0.70m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	16:27z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU BREUEH	16:36z 10Sep2014	1.07m
SUMUT NIAS-SELATAN PULAU TANABALA	16:42z 10Sep2014	0.79m
BENGKULU SELUMA	16:42z 10Sep2014	0.62m
NAD SIMEULUE PULAU SIMEULUE	16:47z 10Sep2014	0.76m
NAD ACEH-JAYA	16:59z 10Sep2014	0.82m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:01z 10Sep2014	0.75m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.66m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:14z 10Sep2014	0.67m
BANTEN PANDEGLANG BAGIAN UTARA	17:18z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU PENAS	17:39z 10Sep2014	0.72m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:53z 10Sep2014	0.78m

NAD ACEH-SINGKIL KEPULAUAN BANYAK	17:55z 10Sep2014	0.59m
BENGKULU KAUR	17:56z 10Sep2014	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	17:59z 10Sep2014	0.65m

IRAN

PUSHT	06:01z 10Sep2014	9.47m
BIR	06:03z 10Sep2014	10.78m
MACHAN	06:04z 10Sep2014	10.99m
VANAK	06:14z 10Sep2014	4.87m
JASK	06:32z 10Sep2014	5.37m
MISKI	06:49z 10Sep2014	5.37m
SIRIK	07:17z 10Sep2014	4.72m
SAR RIG	08:13z 10Sep2014	3.86m

KENYA

KIWAYU	11:30z 10Sep2014	1.18m
LAMU	11:50z 10Sep2014	0.91m
TAKAUNGU	12:02z 10Sep2014	1.38m
KIPINI	12:05z 10Sep2014	1.22m
MVULENI	12:08z 10Sep2014	1.29m
MALINDI	13:39z 10Sep2014	1.02m

MADAGASCAR

GLORIOSO ISLANDS	11:50z 10Sep2014	1.31m
MANGAOKA	11:56z 10Sep2014	1.22m
AMPONDRABE	11:58z 10Sep2014	1.39m
VOHEMAR	12:06z 10Sep2014	1.12m
MAHALINA	12:11z 10Sep2014	1.27m
TSARABARIA	12:12z 10Sep2014	0.90m
FARAHALANA	12:19z 10Sep2014	1.22m
AMBOHITRALANANA	12:26z 10Sep2014	0.98m
NOSY MAKAMBY	12:45z 10Sep2014	0.94m
AMPOMBIANTAMBO	13:34z 10Sep2014	1.16m
SOANIERANA-IVONGO	13:51z 10Sep2014	0.84m
RATSIANARANA	14:05z 10Sep2014	0.94m
FENOARIVO AT SINANANA	14:08z 10Sep2014	0.92m
AMBINANINONY	14:12z 10Sep2014	0.74m
TAMPOLO	14:12z 10Sep2014	1.17m
ANDOANY	14:23z 10Sep2014	1.03m
AMBAHY	14:25z 10Sep2014	0.80m
NAMORONA	14:32z 10Sep2014	0.82m
FARAFAGANA	14:42z 10Sep2014	0.71m
MANANTENINA	15:08z 10Sep2014	0.58m
TOAMASINA	15:20z 10Sep2014	0.59m

TOLANARO	15:28z	10Sep2014	0.98m
AMBANJA	15:34z	10Sep2014	0.62m
ANOROTSANGANA	15:36z	10Sep2014	0.78m
AMBENJA	15:56z	10Sep2014	0.76m
TOAMASINA AIRPORT	16:18z	10Sep2014	0.67m
ANTANANARIVO	16:44z	10Sep2014	0.60m
VANGAINDRANO	17:11z	10Sep2014	0.69m
BESALAMPY	17:24z	10Sep2014	0.67m
MAHAJANGA	17:40z	10Sep2014	0.81m
VOALAVO	17:54z	10Sep2014	0.59m

#### MALDIVES

KULHUDHUFFUSHI	09:19z	10Sep2014	4.15m
GOIDHOO	09:22z	10Sep2014	3.59m
FERIDHOO	09:35z	10Sep2014	3.34m
NILANDHOO	09:45z	10Sep2014	2.64m
DHIYAMIGILI	09:52z	10Sep2014	2.58m
MALE	09:54z	10Sep2014	2.42m
THINADHOO	10:06z	10Sep2014	3.05m
HITHADHOO	10:17z	10Sep2014	2.26m
KOLHUFUSHI	10:18z	10Sep2014	1.02m

#### MAURITIUS

AGALEGA ISLAND	11:41z	10Sep2014	1.38m
LA FERME	13:03z	10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z	10Sep2014	1.05m
CARGADOS CARAJOS	13:15z	10Sep2014	1.15m

#### MOZAMBIQUE

MAGANJA	12:20z	10Sep2014	1.00m
MERONVI	12:26z	10Sep2014	1.11m
QUITERAJO	12:37z	10Sep2014	1.18m
TAVARI	12:38z	10Sep2014	0.95m
LURIO	12:51z	10Sep2014	0.82m
MINHAUINE	12:56z	10Sep2014	0.83m
NANGATA	12:59z	10Sep2014	0.80m
MURREBUE	14:53z	10Sep2014	0.72m
CALAJULO	15:47z	10Sep2014	0.59m

#### OMAN

MUSCAT	06:10z	10Sep2014	7.00m
QALHAT	06:14z	10Sep2014	9.43m

BARKA	06:17z	10Sep2014	5.38m
RASS AL HADD	06:17z	10Sep2014	9.91m
AL KHABURAH	06:27z	10Sep2014	4.72m
AL ASHKHARAH	06:36z	10Sep2014	4.56m
SUHAR	06:37z	10Sep2014	4.42m
MASIRAH	06:51z	10Sep2014	3.42m
ABU GHALAT	06:54z	10Sep2014	4.94m
MANADHIF	07:05z	10Sep2014	3.64m
MUSANDAM	07:09z	10Sep2014	4.50m
JUWAYRAH	07:19z	10Sep2014	2.03m
AL DUQM	07:28z	10Sep2014	2.92m
SHARBTHAT	07:37z	10Sep2014	3.60m
HASIK	07:46z	10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z	10Sep2014	2.09m
MIRBAT	07:53z	10Sep2014	1.22m
AL JAZIR	07:57z	10Sep2014	2.37m
SALALAH	08:02z	10Sep2014	1.13m
DHALKUT	08:11z	10Sep2014	1.49m

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PAKISTAN

PASNI	06:03z	10Sep2014	8.30m
JIWANI	06:03z	10Sep2014	4.50m
BAGAR	06:05z	10Sep2014	4.62m
ORMARA	06:08z	10Sep2014	4.47m
KUND MALIR BEACH- MAKHRAN HIGHWAY	06:09z	10Sep2014	4.50m
WINDER	06:29z	10Sep2014	5.42m
KARACHI	06:36z	10Sep2014	5.33m
SINDH	07:14z	10Sep2014	3.97m

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REUNION

SAINT - JOSEPH	13:13z	10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z	10Sep2014	1.92m
REMIRE ISLAND	10:48z	10Sep2014	1.42m
ILE DESROCHES	11:01z	10Sep2014	1.30m
ALPHONSE ISLAND	11:02z	10Sep2014	0.97m
PLATTE ISLAND	11:11z	10Sep2014	1.41m
COETIVY ISLAND	11:12z	10Sep2014	1.09m
FREGATE ISLAND	11:15z	10Sep2014	2.12m
ASTOVE ISLAND	11:32z	10Sep2014	0.93m
ALDABRA	11:36z	10Sep2014	0.98m
FARQUHAR GROUP	13:31z	10Sep2014	0.92m

## SOMALIA

CAPE GUARDAFUI	09:06z	10Sep2014	1.68m
HAFUN	09:10z	10Sep2014	2.07m
ABO	09:11z	10Sep2014	1.75m
TOOXIN	09:13z	10Sep2014	2.32m
QANDALA	09:14z	10Sep2014	1.63m
DARIMOH	09:18z	10Sep2014	1.59m
ISKUSHUBAN	09:20z	10Sep2014	1.86m
BANDARBEYLA	09:20z	10Sep2014	1.50m
HADAAFTIMO	09:28z	10Sep2014	1.62m
HURDYO	09:29z	10Sep2014	2.49m
EYL	09:30z	10Sep2014	1.44m
BOSASO	09:30z	10Sep2014	1.58m
GALDOGOB	09:41z	10Sep2014	1.83m
GALGALA	09:44z	10Sep2014	1.33m
NORTHERN HOBYO	09:49z	10Sep2014	1.55m
SOUTHERN HOBYO	09:51z	10Sep2014	1.23m
MAYDH	09:57z	10Sep2014	2.04m
KABURA	10:03z	10Sep2014	2.12m
XARARDHEERE	10:11z	10Sep2014	1.47m
CEEL DHEER	10:17z	10Sep2014	1.69m
MAREEG	10:21z	10Sep2014	0.97m
BERBERA	10:22z	10Sep2014	1.06m
CEELBUUR	10:27z	10Sep2014	1.14m
ANTERAL	10:27z	10Sep2014	1.01m
ITALA	10:30z	10Sep2014	1.28m
UARSCIECH	10:35z	10Sep2014	1.22m
BAKI	10:36z	10Sep2014	1.77m
SAYLAC	10:41z	10Sep2014	1.91m
BEYNAX BARRE	10:57z	10Sep2014	1.01m
LOYADO	10:58z	10Sep2014	1.72m
BARAAWE	10:59z	10Sep2014	0.93m
JILIB	11:05z	10Sep2014	1.26m
JARIIBAN	11:19z	10Sep2014	1.34m
KISMAAYO	11:23z	10Sep2014	1.21m
KAAMBOONI	11:27z	10Sep2014	1.19m
NE BEERNAASI	14:32z	10Sep2014	1.00m
TURDHO	15:30z	10Sep2014	0.89m
MUQDISHO	16:16z	10Sep2014	1.06m

## SRI LANKA

NEGOMBO	10:39z	10Sep2014	2.48m
COLOMBO	10:41z	10Sep2014	2.04m
HIKKADUWA	10:41z	10Sep2014	1.38m
MUNDAL LAKE	10:55z	10Sep2014	0.98m
MATARA	10:58z	10Sep2014	0.95m

YALA	11:55z 10Sep2014	0.88m
MANNAR ISLAND	13:06z 10Sep2014	1.02m
POTTUVIL	17:10z 10Sep2014	0.67m

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#### TANZANIA

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VUMBA	11:59z 10Sep2014	1.29m
ZANZIBAR	12:07z 10Sep2014	1.77m
KUTANI	12:15z 10Sep2014	1.52m
JIMBO	12:18z 10Sep2014	0.86m
SONGO MNARA	12:19z 10Sep2014	1.04m
MSASANI	12:20z 10Sep2014	1.79m
MADANGWA	12:23z 10Sep2014	1.29m
RUVU	12:23z 10Sep2014	1.13m
BOMALANDNI	12:27z 10Sep2014	1.61m
VUMBI	13:47z 10Sep2014	1.10m
JAJA	14:10z 10Sep2014	1.02m
GAZIJA	14:14z 10Sep2014	1.00m

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#### UNITED ARAB EMIRATES

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KALBA	06:43z 10Sep2014	5.16m
ZIGGHY BAY	06:59z 10Sep2014	4.72m

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#### YEMEN

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SOCOTRA ISLAND SOUTH	08:21z 10Sep2014	1.65m
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#### 4. ADVICE

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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/eqevents.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

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

[monitrtp@bmkg.go.id](mailto:monitrtp@bmkg.go.id)

END OF BULLETIN

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DZAOUDZI	12:15z 10Sep2014	0.72m
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#### DJIBOUTI

-----		
MUHAMMAD ALI BIN FATHA SUMANA	10:58z 10Sep2014	1.70m
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#### FRENCH SOUTHERN AND ANTARCTIC LA

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SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	17:01z 10Sep2014	0.75m
SUMUT NIAS-SELATAN PULAU NIAS	17:06z 10Sep2014	0.66m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	17:14z 10Sep2014	0.67m
BANTEN PANDEGLANG BAGIAN UTARA	17:18z 10Sep2014	0.70m
NAD ACEH-BESAR PULAU PENAS	17:39z 10Sep2014	0.72m

LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	17:53z 10Sep2014	0.78m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	17:55z 10Sep2014	0.59m
BENGKULU KAUR	17:56z 10Sep2014	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	17:59z 10Sep2014	0.65m

IRAN

PUSHT	06:01z 10Sep2014	9.47m
BIR	06:03z 10Sep2014	10.78m
MACHAN	06:04z 10Sep2014	10.99m
VANAK	06:14z 10Sep2014	4.87m
JASK	06:32z 10Sep2014	5.37m
MISKI	06:49z 10Sep2014	5.37m
SIRIK	07:17z 10Sep2014	4.72m
SAR RIG	08:13z 10Sep2014	3.86m

KENYA

KIWAYU	11:30z 10Sep2014	1.18m
LAMU	11:50z 10Sep2014	0.91m
TAKAUNGU	12:02z 10Sep2014	1.38m
KIPINI	12:05z 10Sep2014	1.22m
MVULENI	12:08z 10Sep2014	1.29m
MALINDI	13:39z 10Sep2014	1.02m

MADAGASCAR

GLORIOSO ISLANDS	11:50z 10Sep2014	1.31m
MANGAOKA	11:56z 10Sep2014	1.22m
AMPONDRABE	11:58z 10Sep2014	1.39m
VOHEMAR	12:06z 10Sep2014	1.12m
MAHALINA	12:11z 10Sep2014	1.27m
TSARABARIA	12:12z 10Sep2014	0.90m
FARAHALANA	12:19z 10Sep2014	1.22m
AMBOHITRALANANA	12:26z 10Sep2014	0.98m
NOSY MAKAMBY	12:45z 10Sep2014	0.94m
AMPOMBIANTAMBO	13:34z 10Sep2014	1.16m
SOANIERANA-IVONGO	13:51z 10Sep2014	0.84m
RATSIANARANA	14:05z 10Sep2014	0.94m
FENOARIVO ATSINANANA	14:08z 10Sep2014	0.92m
AMBINANINONY	14:12z 10Sep2014	0.74m
TAMPOLO	14:12z 10Sep2014	1.17m
ANDOANY	14:23z 10Sep2014	1.03m
AMBAHY	14:25z 10Sep2014	0.80m
NAMORONA	14:32z 10Sep2014	0.82m
FARAFAGANA	14:42z 10Sep2014	0.71m
MANANTENINA	15:08z 10Sep2014	0.58m

TOAMASINA	15:20z	10Sep2014	0.59m
TOLANARO	15:28z	10Sep2014	0.98m
AMBANJA	15:34z	10Sep2014	0.62m
ANOROTSANGANA	15:36z	10Sep2014	0.78m
AMBENJA	15:56z	10Sep2014	0.76m
TOAMASINA AIRPORT	16:18z	10Sep2014	0.67m
ANTANANARIVO	16:44z	10Sep2014	0.60m
VANGAINDRANO	17:11z	10Sep2014	0.69m
BESALAMPY	17:24z	10Sep2014	0.67m
MAHAJANGA	17:40z	10Sep2014	0.81m
VOALAVO	17:54z	10Sep2014	0.59m

#### MALDIVES

KULHUDHUFFUSHI	09:19z	10Sep2014	4.15m
GOIDHOO	09:22z	10Sep2014	3.59m
FERIDHOO	09:35z	10Sep2014	3.34m
NILANDHOO	09:45z	10Sep2014	2.64m
DHIYAMIGILI	09:52z	10Sep2014	2.58m
MALE	09:54z	10Sep2014	2.42m
THINADHOO	10:06z	10Sep2014	3.05m
HITHADHOO	10:17z	10Sep2014	2.26m
KOLHUFUSHI	10:18z	10Sep2014	1.02m

#### MAURITIUS

AGALEGA ISLAND	11:41z	10Sep2014	1.38m
LA FERME	13:03z	10Sep2014	1.33m
GRANDE REVIERE SUD EST	13:09z	10Sep2014	1.05m
CARGADOS CARAJOS	13:15z	10Sep2014	1.15m

#### MOZAMBIQUE

MAGANJA	12:20z	10Sep2014	1.00m
MERONVI	12:26z	10Sep2014	1.11m
QUITERAJO	12:37z	10Sep2014	1.18m
TAVARI	12:38z	10Sep2014	0.95m
LURIO	12:51z	10Sep2014	0.82m
MINHAUINE	12:56z	10Sep2014	0.83m
NANGATA	12:59z	10Sep2014	0.80m
MURREBUE	14:53z	10Sep2014	0.72m
CALAJULO	15:47z	10Sep2014	0.59m

#### OMAN

MUSCAT	06:10z	10Sep2014	7.00m
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QALHAT	06:14z	10Sep2014	9.43m
BARKA	06:17z	10Sep2014	5.38m
RASS AL HADD	06:17z	10Sep2014	9.91m
AL KHABURAH	06:27z	10Sep2014	4.72m
AL ASHKHARAH	06:36z	10Sep2014	4.56m
SUHAR	06:37z	10Sep2014	4.42m
MASIRAH	06:51z	10Sep2014	3.42m
ABU GHALAT	06:54z	10Sep2014	4.94m
MANADHIF	07:05z	10Sep2014	3.64m
MUSANDAM	07:09z	10Sep2014	4.50m
JUWAYRAH	07:19z	10Sep2014	2.03m
AL DUQM	07:28z	10Sep2014	2.92m
SHARBTHAT	07:37z	10Sep2014	3.60m
HASIK	07:46z	10Sep2014	1.33m
JUZUR AL HALANIYAT	07:51z	10Sep2014	2.09m
MIRBAT	07:53z	10Sep2014	1.22m
AL JAZIR	07:57z	10Sep2014	2.37m
SALALAH	08:02z	10Sep2014	1.13m
DHALKUT	08:11z	10Sep2014	1.49m

PAKISTAN

PASNI	06:03z	10Sep2014	8.30m
JIWANI	06:03z	10Sep2014	4.50m
BAGAR	06:05z	10Sep2014	4.62m
ORMARA	06:08z	10Sep2014	4.47m
KUND MALIR BEACH- MAKRAN HIGHWAY	06:09z	10Sep2014	4.50m
WINDER	06:29z	10Sep2014	5.42m
KARACHI	06:36z	10Sep2014	5.33m
SINDH	07:14z	10Sep2014	3.97m

REUNION

SAINT - JOSEPH	13:13z	10Sep2014	1.16m
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SEYCHELLES

TAKAMAKA	10:31z	10Sep2014	1.92m
REMIRE ISLAND	10:48z	10Sep2014	1.42m
ILE DESROCHES	11:01z	10Sep2014	1.30m
ALPHONSE ISLAND	11:02z	10Sep2014	0.97m
PLATTE ISLAND	11:11z	10Sep2014	1.41m
COETIVY ISLAND	11:12z	10Sep2014	1.09m
FREGATE ISLAND	11:15z	10Sep2014	2.12m
ASTOVE ISLAND	11:32z	10Sep2014	0.93m
ALDABRA	11:36z	10Sep2014	0.98m
FARQUHAR GROUP	13:31z	10Sep2014	0.92m

SOMALIA

CAPE GUARDAFUI	09:06z 10Sep2014	1.68m
HAFUN	09:10z 10Sep2014	2.07m
ABO	09:11z 10Sep2014	1.75m
TOOXIN	09:13z 10Sep2014	2.32m
QANDALA	09:14z 10Sep2014	1.63m
DARIMOH	09:18z 10Sep2014	1.59m
ISKUSHUBAN	09:20z 10Sep2014	1.86m
BANDARBEYLA	09:20z 10Sep2014	1.50m
HADAAFTIMO	09:28z 10Sep2014	1.62m
HURDYO	09:29z 10Sep2014	2.49m
EYL	09:30z 10Sep2014	1.44m
BOSASO	09:30z 10Sep2014	1.58m
GALDOGOB	09:41z 10Sep2014	1.83m
GALGALA	09:44z 10Sep2014	1.33m
NORTHERN HOBYO	09:49z 10Sep2014	1.55m
SOUTHERN HOBYO	09:51z 10Sep2014	1.23m
MAYDH	09:57z 10Sep2014	2.04m
KABURA	10:03z 10Sep2014	2.12m
XARARDHEERE	10:11z 10Sep2014	1.47m
CEEL DHEER	10:17z 10Sep2014	1.69m
MAREEG	10:21z 10Sep2014	0.97m
BERBERA	10:22z 10Sep2014	1.06m
CEELBUUR	10:27z 10Sep2014	1.14m
ANTERAL	10:27z 10Sep2014	1.01m
ITALA	10:30z 10Sep2014	1.28m
UARSCIECH	10:35z 10Sep2014	1.22m
BAKI	10:36z 10Sep2014	1.77m
SAYLAC	10:41z 10Sep2014	1.91m
BEYNAX BARRE	10:57z 10Sep2014	1.01m
LOYADO	10:58z 10Sep2014	1.72m
BARAAWE	10:59z 10Sep2014	0.93m
JILIB	11:05z 10Sep2014	1.26m
JARIIBAN	11:19z 10Sep2014	1.34m
KISMAAYO	11:23z 10Sep2014	1.21m
KAAMBOONI	11:27z 10Sep2014	1.19m
NE BEERNAASI	14:32z 10Sep2014	1.00m
TURDHO	15:30z 10Sep2014	0.89m
MUQDISHO	16:16z 10Sep2014	1.06m

SRI LANKA

NEGOMBO	10:39z 10Sep2014	2.48m
COLOMBO	10:41z 10Sep2014	2.04m
HIKKADUWA	10:41z 10Sep2014	1.38m
MUNDAL LAKE	10:55z 10Sep2014	0.98m

MATARA	10:58z	10Sep2014	0.95m
YALA	11:55z	10Sep2014	0.88m
MANNAR ISLAND	13:06z	10Sep2014	1.02m
POTTUVIL	17:10z	10Sep2014	0.67m

TANZANIA

VUMBA	11:59z	10Sep2014	1.29m
ZANZIBAR	12:07z	10Sep2014	1.77m
KUTANI	12:15z	10Sep2014	1.52m
JIMBO	12:18z	10Sep2014	0.86m
SONGO MNARA	12:19z	10Sep2014	1.04m
MSASANI	12:20z	10Sep2014	1.79m
MADANGWA	12:23z	10Sep2014	1.29m
RUUVU	12:23z	10Sep2014	1.13m
BOMALANDNI	12:27z	10Sep2014	1.61m
VUMBI	13:47z	10Sep2014	1.10m
JAJA	14:10z	10Sep2014	1.02m
GAZIJA	14:14z	10Sep2014	1.00m

UNITED ARAB EMIRATES

KALBA	06:43z	10Sep2014	5.16m
ZIGGHY BAY	06:59z	10Sep2014	4.72m

YEMEN

SOCOTRA ISLAND SOUTH	08:21z	10Sep2014	1.65m
AL GHAYDAH AIRPORT	08:31z	10Sep2014	2.40m
HUSWAYN	08:32z	10Sep2014	1.60m
SOCOTRA ISLAND NORTH	08:37z	10Sep2014	2.01m
SOCOTRA ISLAND WEST	08:41z	10Sep2014	1.94m
ITAB	08:55z	10Sep2014	1.73m
HAMI	09:06z	10Sep2014	1.58m
AL QUMRAH	09:08z	10Sep2014	1.33m
AL MUKALLA	09:19z	10Sep2014	1.70m
BROM MAYFA	09:26z	10Sep2014	1.05m
YEMEN	09:33z	10Sep2014	1.22m
HISN BALID	09:55z	10Sep2014	0.71m
AHWAR	09:56z	10Sep2014	0.75m
BIR JABIR	10:14z	10Sep2014	1.13m
ADEN	10:28z	10Sep2014	1.84m
QAWAH	10:49z	10Sep2014	2.31m
KHANFAR	11:39z	10Sep2014	1.15m

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/eqevents.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

METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

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

Website: <http://www.bmkg.go.id>

<http://inatews.bmkg.go.id>

E-Mail: [inartsp@bmkg.go.id](mailto:inartsp@bmkg.go.id)

[monitrtwp@bmkg.go.id](mailto:monitrtwp@bmkg.go.id)

END OF BULLETIN

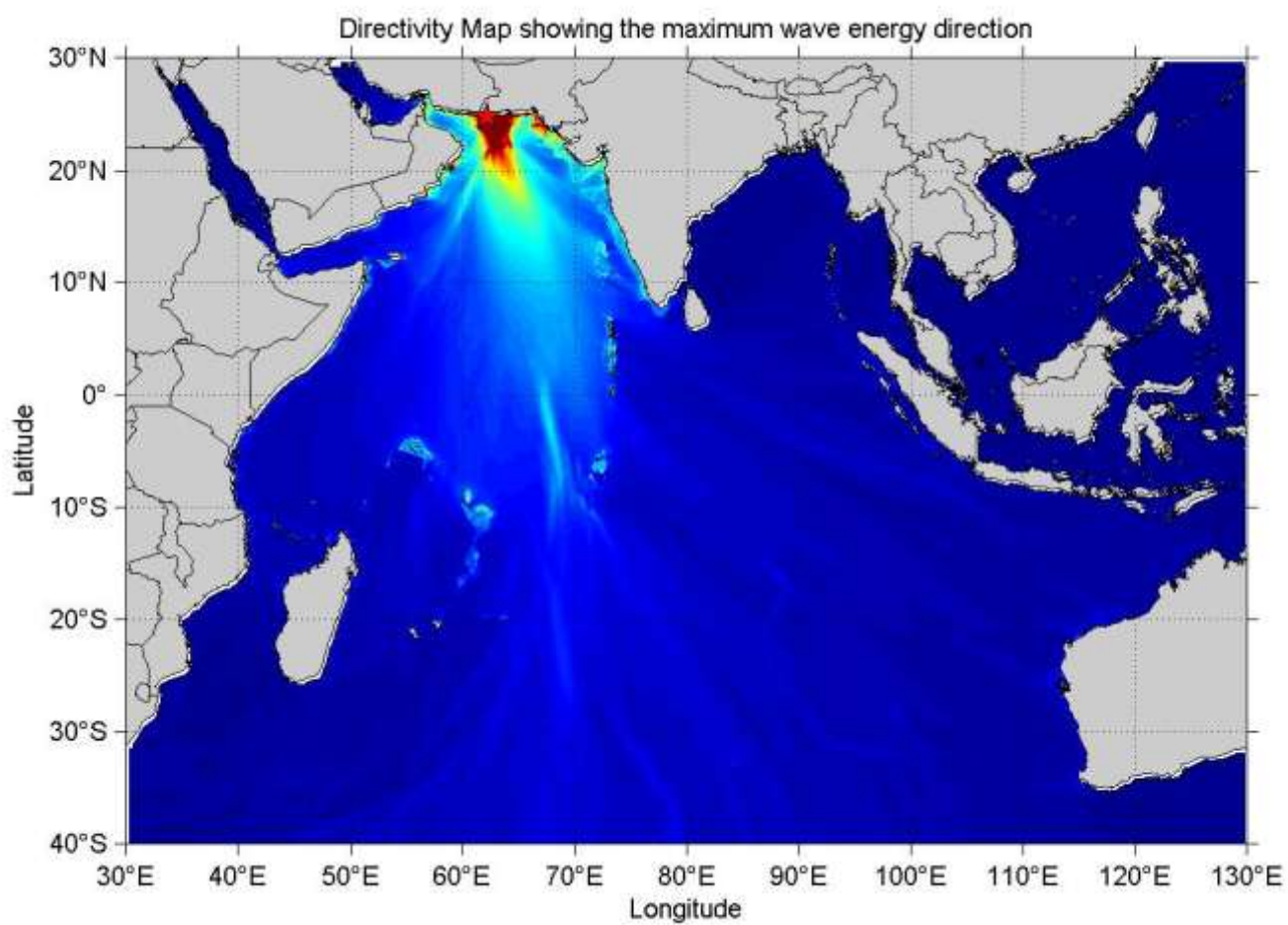
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TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST  
TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST



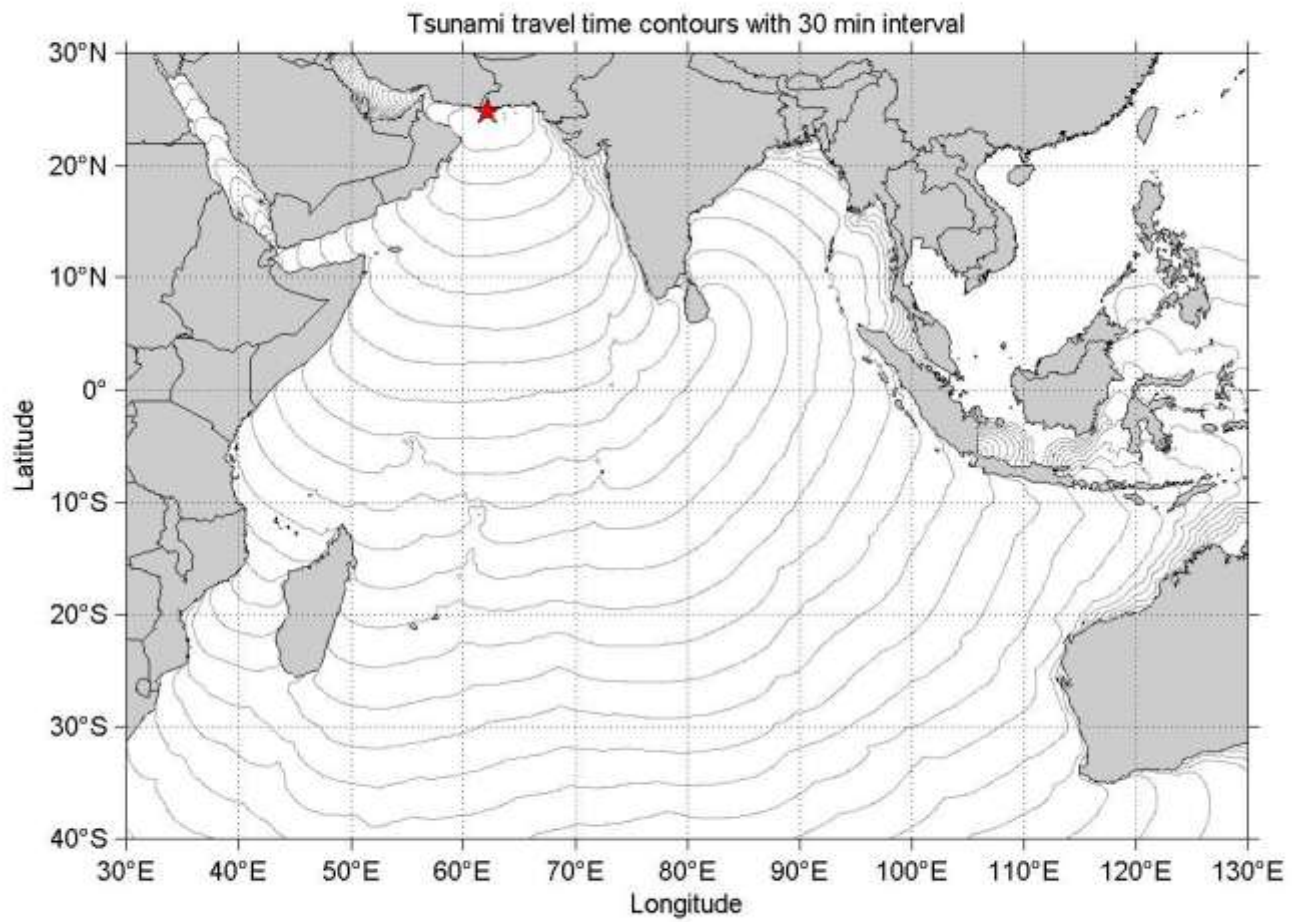


## RTSP INDIA MAPS

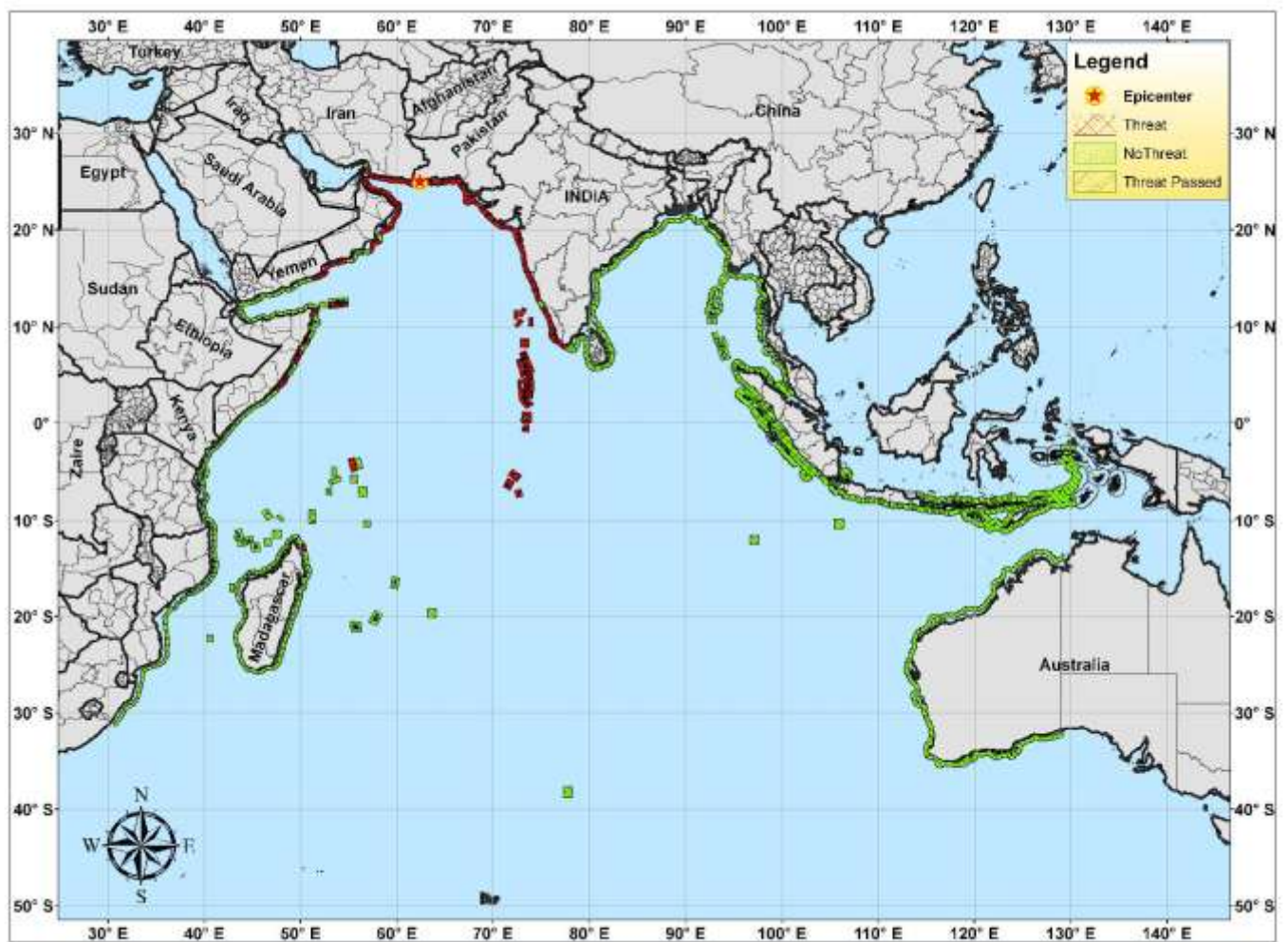
RTSP India Energy Map for Bulletin 2 (EQ Magnitude 8.5):



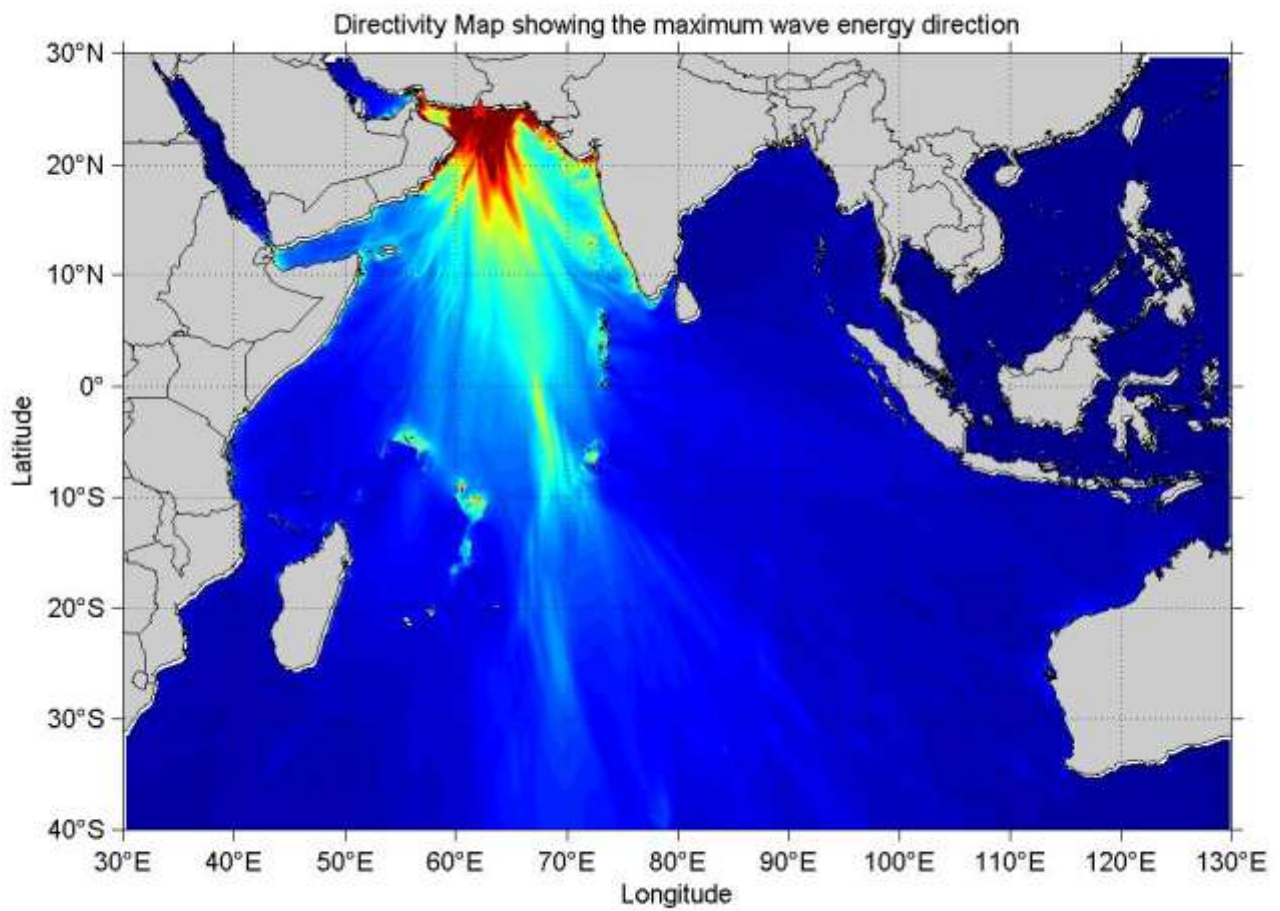
RTSP India Travel Time Map for Bulletin 2 (EQ Magnitude 8.5):



RTSP India Threat Map for Bulletin 2 (EQ Magnitude 8.5):

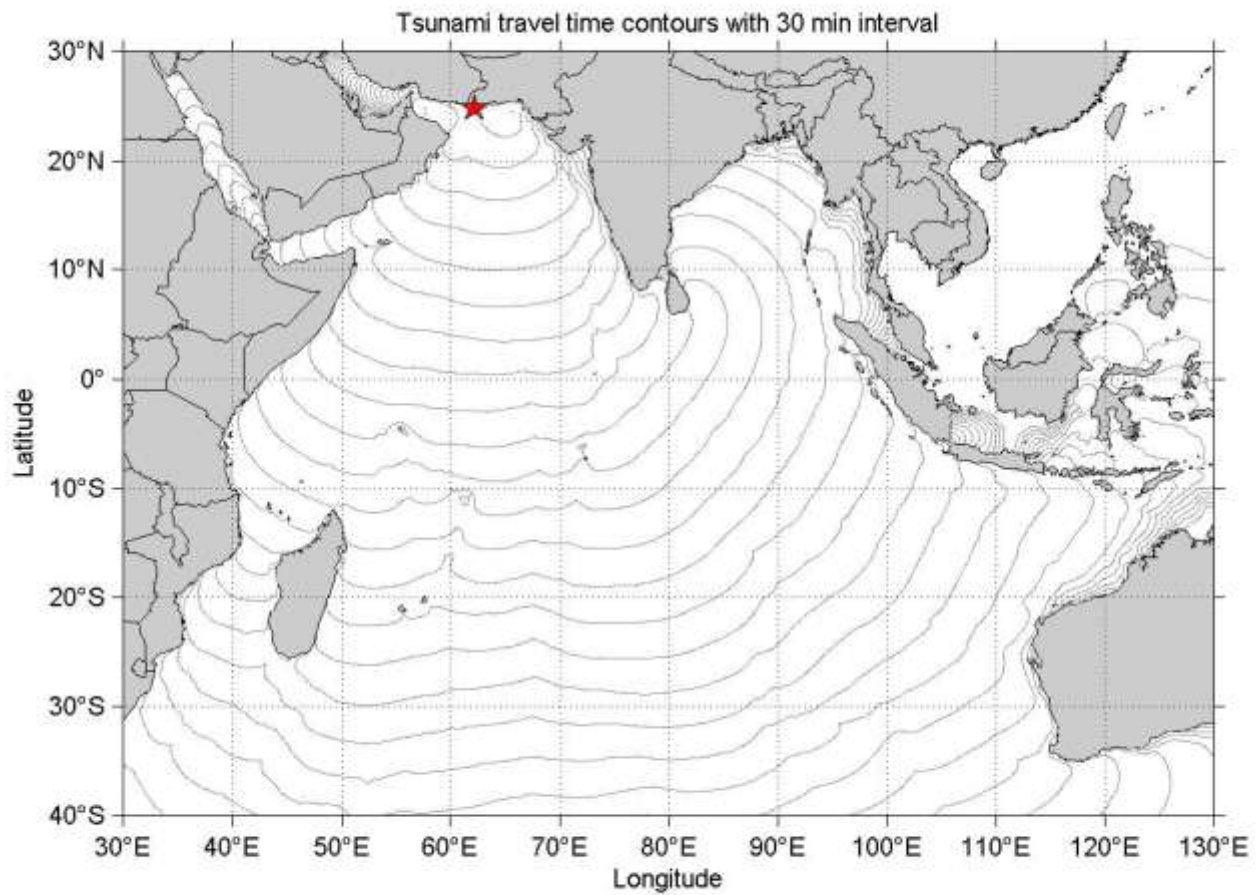


RTSP India Energy Map for Bulletins 3 to 14 (EQ Magnitude 9.0):



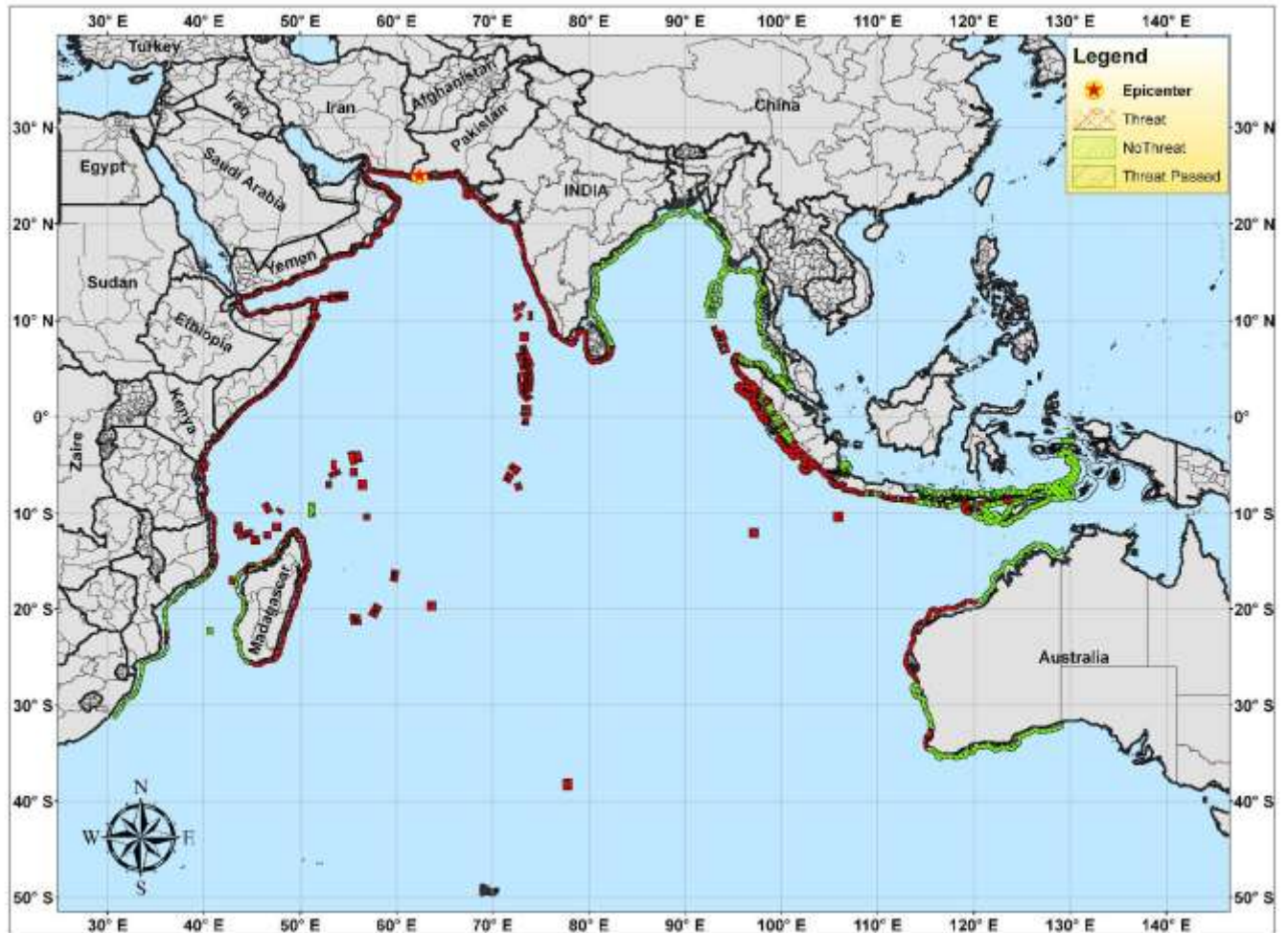


RTSP India Travel Time Map for Bulletins 3 to 14 (EQ Magnitude 9.0):





RTSP India Threat Map for Bulletins 3 to 14 (EQ Magnitude 9.0):



# RTSP INDIA BULLETINS

```
#####  
#  
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-001 (TYPE - I)

TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST
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-----  
TEST BULLETIN 1  
-----

REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 0605 UTC Wednesday 10 September 2014  
-----

... PRELIMINARY EARTHQUAKE INFORMATION ...

## 1. EARTHQUAKE INFORMATION

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* 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: 10 Sep 2014  
Origin Time: 06 00 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

## 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TESTBULLETIN

-----  
TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-002 (TYPE - II)

TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST	TEST
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TEST BULLETIN 2  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 0610 UTC Wednesday 10 September 2014  
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... POTENTIAL TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 8.5 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 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. RTSP INDIA 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.

BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1053Z 10 Sep 2014	1.4 m
NW EGMONT ISLAND	1101Z 10 Sep 2014	1.1 m
DIEGO GARCIA	1133Z 10 Sep 2014	1.3 m

COMOROS

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CHEZANI	1415Z 10 Sep 2014	0.7 m
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DJIBOUTI

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NW ARTA	1123Z 10 Sep 2014	0.9 m
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FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1753Z 10 Sep 2014	0.6 m
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INDIA

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MANDVI	0729Z 10 Sep 2014	1.4 m
DWARKA	0756Z 10 Sep 2014	1.5 m
PORBANDAR	0756Z 10 Sep 2014	1.2 m
VERAVAL	0812Z 10 Sep 2014	0.9 m
AGATTI	0842Z 10 Sep 2014	1.9 m
AMINI	0852Z 10 Sep 2014	1.8 m
KAVARATTI	0854Z 10 Sep 2014	1.2 m
MALVAN BAY	0858Z 10 Sep 2014	0.8 m
ANDROTH	0907Z 10 Sep 2014	1.4 m
PANAJI	0908Z 10 Sep 2014	0.9 m
MINICOY	0909Z 10 Sep 2014	1.1 m
ANJANWEL	0911Z 10 Sep 2014	1.0 m
KARWAR	0918Z 10 Sep 2014	1.2 m
AMRELI	0922Z 10 Sep 2014	1.1 m
ALIBAG PORT	0934Z 10 Sep 2014	1.1 m
MANGALORE	0941Z 10 Sep 2014	1.3 m
CHANDRAGIRI FORT	0944Z 10 Sep 2014	0.8 m
MADAYI KANNUR	0945Z 10 Sep 2014	0.8 m
MUMBAI	0950Z 10 Sep 2014	1.1 m
ALLEPPEY ALAPPUZHA	0952Z 10 Sep 2014	1.1 m
GULF OF KHAMBAT	0955Z 10 Sep 2014	1.1 m
COCHIN	0956Z 10 Sep 2014	1.0 m
QUILON	0956Z 10 Sep 2014	0.8 m
BEYPORE	0957Z 10 Sep 2014	0.8 m
TRIVANDRUM	1013Z 10 Sep 2014	1.0 m
KOODANKULAM	1054Z 10 Sep 2014	0.8 m
KANYAKUMARI	1232Z 10 Sep 2014	0.8 m
RAMESWARAM	1542Z 10 Sep 2014	0.5 m
TUTICORIN	1816Z 10 Sep 2014	0.8 m

INDONESIA

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SUMUT Nias B	1340Z 10 Sep 2014	0.7 m
NAD Simeulue P.Simeulue	2021Z 10 Sep 2014	0.6 m

IRAN

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PUSHT	0612Z 10 Sep 2014	4.5 m
MACHAN	0625Z 10 Sep 2014	2.6 m
BIR	0631Z 10 Sep 2014	3.1 m
VANAK	0646Z 10 Sep 2014	2.4 m
JASK	0657Z 10 Sep 2014	2.0 m

MISKI	0711Z 10 Sep 2014	1.9 m
SIRIK	0746Z 10 Sep 2014	1.7 m
SAR RIG	0853Z 10 Sep 2014	1.3 m
KENYA		
---		
KIWAYU	1347Z 10 Sep 2014	0.5 m
TAKAUNGU	1503Z 10 Sep 2014	0.7 m
KIPINI	1653Z 10 Sep 2014	0.5 m
MADAGASCAR		
---		
AMPONDRABE	1413Z 10 Sep 2014	0.6 m
VOHEMAR	1419Z 10 Sep 2014	1.1 m
SOANIERANA-IVONGO	1823Z 10 Sep 2014	0.6 m
FENOARIVO AT SINANANA	2015Z 10 Sep 2014	0.6 m
MALDIVES		
---		
KULHUDHUFFUSHI	0915Z 10 Sep 2014	1.8 m
GOIDHOO	0919Z 10 Sep 2014	1.6 m
FERIDHOO	0934Z 10 Sep 2014	2.1 m
NILANDHOO	0943Z 10 Sep 2014	1.5 m
DHIYAMIGILI	0951Z 10 Sep 2014	1.4 m
MALE	0952Z 10 Sep 2014	1.5 m
THINADHOO	1005Z 10 Sep 2014	1.5 m
HITHADHOO	1016Z 10 Sep 2014	1.1 m
KOLHUFUSHI	1026Z 10 Sep 2014	0.9 m
MAURITIUS		
---		
LA FERME	1400Z 10 Sep 2014	0.8 m
MOZAMBIQUE		
---		
MADANGWA	1254Z 10 Sep 2014	0.6 m
MAGANJA	1306Z 10 Sep 2014	0.7 m
MURREBUE	1414Z 10 Sep 2014	0.6 m
MERONVI	1859Z 10 Sep 2014	0.5 m
MINHAUINE	1920Z 10 Sep 2014	0.6 m
OMAN		
---		
AL JAWABI	0621Z 10 Sep 2014	3.0 m
FINS	0626Z 10 Sep 2014	4.0 m
MUSCAT	0626Z 10 Sep 2014	3.1 m
AL ASHKHAKHARAH	0641Z 10 Sep 2014	1.7 m
AS SIB	0643Z 10 Sep 2014	3.1 m
MASIRAH	0654Z 10 Sep 2014	1.7 m
TAWI BEDI GUISH	0656Z 10 Sep 2014	1.7 m
GHALAT	0659Z 10 Sep 2014	1.5 m
LIWA	0703Z 10 Sep 2014	1.6 m
MANADHIF	0705Z 10 Sep 2014	1.4 m
QUIRAN	0724Z 10 Sep 2014	1.1 m
KUMZAR	0736Z 10 Sep 2014	1.8 m
SHUWAYR	0736Z 10 Sep 2014	1.1 m
KURIA MURIA ISLAND	0742Z 10 Sep 2014	1.0 m
KURIA MURIA ISLAND	0749Z 10 Sep 2014	0.8 m
MIRBAT	0756Z 10 Sep 2014	0.8 m
MIRBAT	0759Z 10 Sep 2014	0.9 m
QUIRAN	0804Z 10 Sep 2014	0.9 m
SALALAH	0811Z 10 Sep 2014	1.1 m
AL SAADA SPORTS COMPLEX	0826Z 10 Sep 2014	0.9 m

## PAKISTAN

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BAGAR	0607Z 10 Sep 2014	5.8 m
PASNI	0608Z 10 Sep 2014	5.8 m
JIWANI	0609Z 10 Sep 2014	7.3 m
ORMARA	0614Z 10 Sep 2014	3.8 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0633Z 10 Sep 2014	3.1 m
WINDER	0648Z 10 Sep 2014	2.3 m
KARACHI	0650Z 10 Sep 2014	2.6 m
SINDH	0716Z 10 Sep 2014	1.8 m

## SEYCHELLES

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TAKAMAKA	1037Z 10 Sep 2014	1.1 m
REMIRE ISLAND	1055Z 10 Sep 2014	0.7 m
FREGATE ISLAND	1620Z 10 Sep 2014	0.8 m

## SOMALIA

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HAFUN	0919Z 10 Sep 2014	1.0 m
CAPE GUARDAFUI	0919Z 10 Sep 2014	0.6 m
BANDARBAYLA	0928Z 10 Sep 2014	0.7 m
TOOXIN	0930Z 10 Sep 2014	1.1 m
DARIMOH	0937Z 10 Sep 2014	1.0 m
HURDYO	0941Z 10 Sep 2014	0.7 m
EYL	0949Z 10 Sep 2014	0.8 m
JARIIBAN	0951Z 10 Sep 2014	1.0 m
BOSASO	0956Z 10 Sep 2014	0.5 m
NORTHERN HOBYO	1000Z 10 Sep 2014	0.6 m
JARIIBAN	1100Z 10 Sep 2014	0.8 m
HAFUN	1103Z 10 Sep 2014	0.8 m
SAYLAC	1104Z 10 Sep 2014	0.6 m
XARARDHEERE	1148Z 10 Sep 2014	0.9 m
TURDHO	1301Z 10 Sep 2014	0.6 m
CEEL DHEER	1325Z 10 Sep 2014	0.9 m
CEELBUUR	1335Z 10 Sep 2014	0.8 m
MAREEG	1455Z 10 Sep 2014	0.6 m
NE BEERNAASI	1456Z 10 Sep 2014	0.6 m
UARSCIECH	1512Z 10 Sep 2014	0.6 m
SOUTHERN HOBYO	1528Z 10 Sep 2014	0.8 m
KAAMBOONI	1605Z 10 Sep 2014	0.6 m
JILIB	1643Z 10 Sep 2014	0.8 m
MUQDISHO	1658Z 10 Sep 2014	0.7 m
GALGALA	1705Z 10 Sep 2014	0.7 m
BEYNAX BARRE	1728Z 10 Sep 2014	0.7 m
QANDALA	1752Z 10 Sep 2014	0.7 m
ITALA	1832Z 10 Sep 2014	0.6 m
MAYDH	1911Z 10 Sep 2014	0.6 m
BERBERA	1924Z 10 Sep 2014	0.6 m
KISMAAYO	1928Z 10 Sep 2014	0.6 m
BAKI	1947Z 10 Sep 2014	0.7 m
ABO	1952Z 10 Sep 2014	0.6 m

## SRI LANKA

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HIKKADUWA	1103Z 10 Sep 2014	0.8 m
COLOMBO	1130Z 10 Sep 2014	0.7 m
NEGOMBO	1407Z 10 Sep 2014	0.6 m
MANNAR ISLAND	1439Z 10 Sep 2014	0.7 m
MUNDAL LAKE	1608Z 10 Sep 2014	0.8 m

## TANZANIA

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RUVU	1321Z 10 Sep 2014	0.8 m
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SONGO SONGO ISLAND	1543Z 10 Sep 2014	0.7 m
ZANZIBAR	1953Z 10 Sep 2014	0.5 m
KUTANI	2037Z 10 Sep 2014	0.5 m
UNITED ARAB EMIRATES		
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KALBA	0726Z 10 Sep 2014	1.6 m
YEMEN		
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SOCOTRA ISLAND SOUTH	0829Z 10 Sep 2014	1.5 m
AL GHAYDAH AIRPORT	0834Z 10 Sep 2014	1.3 m
HUSWAYN	0845Z 10 Sep 2014	1.0 m
SOCOTRA ISLAND NORTH	0846Z 10 Sep 2014	0.7 m
SOCOTRA ISLAND WEST	0851Z 10 Sep 2014	0.7 m
ITAB	1012Z 10 Sep 2014	0.8 m
AL MUKALLA	1119Z 10 Sep 2014	0.8 m
BIR JABIR	1201Z 10 Sep 2014	0.6 m
AL QUMRAH	1257Z 10 Sep 2014	0.8 m
HAMI	1325Z 10 Sep 2014	0.8 m
BROM MAYFA	1821Z 10 Sep 2014	0.5 m
YEMEN	1833Z 10 Sep 2014	0.7 m
AHWAR	1839Z 10 Sep 2014	0.5 m
KHANFAR	1850Z 10 Sep 2014	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](mailto:tsunami@incois.gov.in)  
 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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TEST      TEST      TEST      TEST      TEST      TEST      TEST      TEST      TEST
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####

```





```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-003 (TYPE - III)

TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 3  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 0645 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m

KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z 10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z 10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z 10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z 10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z 10 Sep 2014	0.5 m
JABAR Garut	1528Z 10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z 10 Sep 2014	0.7 m
DIY Bantul	1602Z 10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z 10 Sep 2014	0.6 m
JATIM Pacitan	1611Z 10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z 10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z 10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z 10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z 10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z 10 Sep 2014	0.5 m

BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
---			
KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m

ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m
MOZAMBIQUE			
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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m
OMAN			
---			
MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m

MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
---		
PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
---		
SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
---		
TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
---		
CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m

MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
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NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
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VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
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KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		
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SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

-----  
TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-04 (TYPE - III Supplementary 01)

TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 4  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 0700 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m

KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z 10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z 10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z 10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z 10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z 10 Sep 2014	0.5 m
JABAR Garut	1528Z 10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z 10 Sep 2014	0.7 m
DIY Bantul	1602Z 10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z 10 Sep 2014	0.6 m
JATIM Pacitan	1611Z 10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z 10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z 10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z 10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z 10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z 10 Sep 2014	0.5 m

BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
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KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m

ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m
MOZAMBIQUE			
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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m
OMAN			
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MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m

MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
---		
PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
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SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
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TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
---		
CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m

MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
---		
NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
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VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
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KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		
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SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 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](mailto:tsunami@incois.gov.in)

Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

-----  
TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-05 (TYPE - III Supplementary 02)

TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 5  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 0800 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m

KOODANKULAM	1049Z	10 Sep 2014	1.9 m
RAMESWARAM	1057Z	10 Sep 2014	1.0 m
TUTICORIN	1115Z	10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z	10 Sep 2014	0.6 m
INDIRA POINT	1332Z	10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z	10 Sep 2014	0.5 m
CAR NICOBAR	1503Z	10 Sep 2014	0.6 m
INDONESIA			
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NAD Simeulue P.Simeulue	1329Z	10 Sep 2014	0.9 m
SUMUT Nias B	1338Z	10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z	10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z	10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z	10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z	10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z	10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z	10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z	10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z	10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z	10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z	10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z	10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z	10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z	10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z	10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z	10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z	10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z	10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z	10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z	10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z	10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z	10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z	10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z	10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z	10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z	10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z	10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z	10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z	10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z	10 Sep 2014	0.6 m
BANTEN Lebak	1515Z	10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z	10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z	10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z	10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z	10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z	10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z	10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m

NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
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KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m

ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m
MOZAMBIQUE			
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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m
OMAN			
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MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m
MANADHIF	0701Z	10 Sep 2014	3.3 m

KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
---		
PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
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SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
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TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
---		
CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m

CEELBUUR	1027Z	10 Sep 2014	1.9 m
ITALA	1029Z	10 Sep 2014	1.1 m
UARSCIECH	1036Z	10 Sep 2014	1.3 m
BAKI	1038Z	10 Sep 2014	2.4 m
SAYLAC	1042Z	10 Sep 2014	2.6 m
MUQDISHO	1045Z	10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z	10 Sep 2014	1.1 m
BARAAWE	1058Z	10 Sep 2014	1.1 m
JILIB	1103Z	10 Sep 2014	1.7 m
SAYLAC	1107Z	10 Sep 2014	1.7 m
TURDHO	1113Z	10 Sep 2014	0.9 m
KISMAAYO	1123Z	10 Sep 2014	1.2 m
KAAMBOONI	1126Z	10 Sep 2014	1.1 m
NE BEERNAASI	1129Z	10 Sep 2014	1.1 m
SRI LANKA			
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NEGOMBO	1036Z	10 Sep 2014	1.1 m
HIKKADUWA	1037Z	10 Sep 2014	1.2 m
COLOMBO	1037Z	10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z	10 Sep 2014	1.4 m
MATARA	1057Z	10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z	10 Sep 2014	1.1 m
YALA	1109Z	10 Sep 2014	0.7 m
POTTUVIL	1530Z	10 Sep 2014	0.7 m
TANZANIA			
---			
VUMBA	1200Z	10 Sep 2014	1.2 m
ZANZIBAR	1213Z	10 Sep 2014	1.6 m
KUTANI	1218Z	10 Sep 2014	1.3 m
JIMBO	1220Z	10 Sep 2014	1.2 m
GAZIJA	1221Z	10 Sep 2014	0.9 m
MSASANI	1223Z	10 Sep 2014	1.0 m
SONGO MNARA	1223Z	10 Sep 2014	0.9 m
BOMALANDNI	1224Z	10 Sep 2014	1.4 m
RUVU	1225Z	10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z	10 Sep 2014	2.4 m
JAJA	1230Z	10 Sep 2014	0.9 m
VUMBI	1242Z	10 Sep 2014	1.0 m
UNITED ARAB EMIRATES			
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KALBA	0702Z	10 Sep 2014	7.3 m
YEMEN			
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SOCOTRA ISLAND SOUTH	0821Z	10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z	10 Sep 2014	3.2 m
HUSWAYN	0834Z	10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z	10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z	10 Sep 2014	2.8 m
ITAB	0849Z	10 Sep 2014	2.2 m
AL QUMRAH	0902Z	10 Sep 2014	2.6 m
HAMI	0905Z	10 Sep 2014	2.0 m
AL MUKALLA	0920Z	10 Sep 2014	2.1 m
BROM MAYFA	0922Z	10 Sep 2014	1.4 m
YEMEN	0930Z	10 Sep 2014	1.9 m
HISN BALID	0946Z	10 Sep 2014	1.4 m
AHWAR	0951Z	10 Sep 2014	1.7 m
KHANFAR	1003Z	10 Sep 2014	2.0 m
BIR JABIR	1015Z	10 Sep 2014	2.7 m
ADEN	1024Z	10 Sep 2014	2.0 m
QAWAH	1048Z	10 Sep 2014	1.9 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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TEST TEST TEST TEST TEST TEST TEST TEST TEST  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-06 (TYPE - III Supplementary 03)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 6  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 0900 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m

TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z 10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z 10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z 10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z 10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z 10 Sep 2014	0.5 m
JABAR Garut	1528Z 10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z 10 Sep 2014	0.7 m
DIY Bantul	1602Z 10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z 10 Sep 2014	0.6 m
JATIM Pacitan	1611Z 10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z 10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z 10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z 10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z 10 Sep 2014	0.5 m

NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
---			
KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m

TAMPOLO	1334Z	10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m
MOZAMBIQUE			
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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m
OMAN			
---			
MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m

GHALAT	0653Z 10 Sep 2014	4.8 m
MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
---		
PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
---		
SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
---		
TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
---		
CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m

ANTERAL	1024Z	10 Sep 2014	0.9 m
MAREEG	1026Z	10 Sep 2014	1.3 m
CEELBUUR	1027Z	10 Sep 2014	1.9 m
ITALA	1029Z	10 Sep 2014	1.1 m
UARSCIECH	1036Z	10 Sep 2014	1.3 m
BAKI	1038Z	10 Sep 2014	2.4 m
SAYLAC	1042Z	10 Sep 2014	2.6 m
MUQDISHO	1045Z	10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z	10 Sep 2014	1.1 m
BARAAWE	1058Z	10 Sep 2014	1.1 m
JILIB	1103Z	10 Sep 2014	1.7 m
SAYLAC	1107Z	10 Sep 2014	1.7 m
TURDHO	1113Z	10 Sep 2014	0.9 m
KISMAAYO	1123Z	10 Sep 2014	1.2 m
KAAMBOONI	1126Z	10 Sep 2014	1.1 m
NE BEERNAASI	1129Z	10 Sep 2014	1.1 m
SRI LANKA			
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NEGOMBO	1036Z	10 Sep 2014	1.1 m
HIKKADUWA	1037Z	10 Sep 2014	1.2 m
COLOMBO	1037Z	10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z	10 Sep 2014	1.4 m
MATARA	1057Z	10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z	10 Sep 2014	1.1 m
YALA	1109Z	10 Sep 2014	0.7 m
POTTUVIL	1530Z	10 Sep 2014	0.7 m
TANZANIA			
---			
VUMBA	1200Z	10 Sep 2014	1.2 m
ZANZIBAR	1213Z	10 Sep 2014	1.6 m
KUTANI	1218Z	10 Sep 2014	1.3 m
JIMBO	1220Z	10 Sep 2014	1.2 m
GAZIJA	1221Z	10 Sep 2014	0.9 m
MSASANI	1223Z	10 Sep 2014	1.0 m
SONGO MNARA	1223Z	10 Sep 2014	0.9 m
BOMALANDNI	1224Z	10 Sep 2014	1.4 m
RUVU	1225Z	10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z	10 Sep 2014	2.4 m
JAJA	1230Z	10 Sep 2014	0.9 m
VUMBI	1242Z	10 Sep 2014	1.0 m
UNITED ARAB EMIRATES			
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KALBA	0702Z	10 Sep 2014	7.3 m
YEMEN			
---			
SOCOTRA ISLAND SOUTH	0821Z	10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z	10 Sep 2014	3.2 m
HUSWAYN	0834Z	10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z	10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z	10 Sep 2014	2.8 m
ITAB	0849Z	10 Sep 2014	2.2 m
AL QUMRAH	0902Z	10 Sep 2014	2.6 m
HAMI	0905Z	10 Sep 2014	2.0 m
AL MUKALLA	0920Z	10 Sep 2014	2.1 m
BROM MAYFA	0922Z	10 Sep 2014	1.4 m
YEMEN	0930Z	10 Sep 2014	1.9 m
HISN BALID	0946Z	10 Sep 2014	1.4 m
AHWAR	0951Z	10 Sep 2014	1.7 m
KHANFAR	1003Z	10 Sep 2014	2.0 m
BIR JABIR	1015Z	10 Sep 2014	2.7 m



ADEN  
QAWAH

1024Z 10 Sep 2014 2.0 m  
1048Z 10 Sep 2014 1.9 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-07 (TYPE - III Supplementary 04)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 7  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1000 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m

ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m

# INDONESIA

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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z 10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z 10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z 10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z 10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z 10 Sep 2014	0.5 m
JABAR Garut	1528Z 10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z 10 Sep 2014	0.7 m
DIY Bantul	1602Z 10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z 10 Sep 2014	0.6 m
JATIM Pacitan	1611Z 10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z 10 Sep 2014	0.6 m

BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
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KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m

JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO AT SINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m
MOZAMBIQUE			
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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m
OMAN			
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MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m

TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m
MANADHIF	0701Z	10 Sep 2014	3.3 m
KUMZAR	0711Z	10 Sep 2014	6.4 m
QUIRAN	0716Z	10 Sep 2014	3.9 m
SHUWAYR	0729Z	10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z	10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z	10 Sep 2014	2.7 m
MIRBAT	0745Z	10 Sep 2014	2.2 m
MIRBAT	0750Z	10 Sep 2014	2.7 m
QUIRAN	0756Z	10 Sep 2014	3.3 m
SALALAH	0759Z	10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z	10 Sep 2014	2.4 m
PAKISTAN			
---			
PASNI	0601Z	10 Sep 2014	13.6 m
ORMARA	0601Z	10 Sep 2014	12.8 m
JIWANI	0601Z	10 Sep 2014	12.5 m
BAGAR	0601Z	10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z	10 Sep 2014	7.3 m
WINDER	0635Z	10 Sep 2014	6.0 m
KARACHI	0637Z	10 Sep 2014	7.3 m
SINDH	0704Z	10 Sep 2014	4.7 m
REUNION			
---			
SAINT - JOSEPH	1313Z	10 Sep 2014	1.2 m
SEYCHELLES			
---			
TAKAMAKA	1033Z	10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z	10 Sep 2014	1.9 m
ILE DESROCHES	1059Z	10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z	10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z	10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z	10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z	10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z	10 Sep 2014	1.2 m
ALDABRA	1135Z	10 Sep 2014	1.1 m
SOMALIA			
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CAPE GUARDAFUI	0905Z	10 Sep 2014	2.4 m
HAFUN	0910Z	10 Sep 2014	2.4 m
ABO	0912Z	10 Sep 2014	2.2 m
TOOXIN	0914Z	10 Sep 2014	2.7 m
DARIMOH	0919Z	10 Sep 2014	1.7 m
QANDALA	0919Z	10 Sep 2014	1.6 m
BANDARBEYLA	0920Z	10 Sep 2014	1.7 m
HAFUN	0922Z	10 Sep 2014	3.2 m
HADAAFTIMO	0928Z	10 Sep 2014	2.1 m
BOSASO	0932Z	10 Sep 2014	2.3 m
HURDYO	0933Z	10 Sep 2014	3.1 m
EYL	0933Z	10 Sep 2014	2.3 m
JARIIBAN	0941Z	10 Sep 2014	2.4 m
JARIIBAN	0944Z	10 Sep 2014	2.5 m
GALGALA	0946Z	10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z	10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z	10 Sep 2014	1.6 m
MAYDH	0955Z	10 Sep 2014	1.8 m

KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
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NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
---		
VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
---		
KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		
---		
SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m



HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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.

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 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  
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 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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 TEST TEST TEST TEST TEST TEST TEST TEST TEST

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
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```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-08 (TYPE - III Supplementary 05)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 8  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1100 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m

MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z 10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z 10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z 10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z 10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z 10 Sep 2014	0.5 m
JABAR Garut	1528Z 10 Sep 2014	0.6 m

JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
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KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m

MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m

#### MALDIVES

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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m

#### MAURITIUS

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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m

#### MOZAMBIQUE

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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUINDE	2033Z	10 Sep 2014	0.5 m

#### OMAN

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MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m
MANADHIF	0701Z	10 Sep 2014	3.3 m
KUMZAR	0711Z	10 Sep 2014	6.4 m
QUIRAN	0716Z	10 Sep 2014	3.9 m
SHUWAYR	0729Z	10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z	10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z	10 Sep 2014	2.7 m
MIRBAT	0745Z	10 Sep 2014	2.2 m
MIRBAT	0750Z	10 Sep 2014	2.7 m
QUIRAN	0756Z	10 Sep 2014	3.3 m
SALALAH	0759Z	10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z	10 Sep 2014	2.4 m
PAKISTAN			
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PASNI	0601Z	10 Sep 2014	13.6 m
ORMARA	0601Z	10 Sep 2014	12.8 m
JIWANI	0601Z	10 Sep 2014	12.5 m
BAGAR	0601Z	10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z	10 Sep 2014	7.3 m
WINDER	0635Z	10 Sep 2014	6.0 m
KARACHI	0637Z	10 Sep 2014	7.3 m
SINDH	0704Z	10 Sep 2014	4.7 m
REUNION			
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SAINT - JOSEPH	1313Z	10 Sep 2014	1.2 m
SEYCHELLES			
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TAKAMAKA	1033Z	10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z	10 Sep 2014	1.9 m
ILE DESROCHES	1059Z	10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z	10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z	10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z	10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z	10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z	10 Sep 2014	1.2 m
ALDABRA	1135Z	10 Sep 2014	1.1 m
SOMALIA			
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CAPE GUARDAFUI	0905Z	10 Sep 2014	2.4 m
HAFUN	0910Z	10 Sep 2014	2.4 m
ABO	0912Z	10 Sep 2014	2.2 m
TOOXIN	0914Z	10 Sep 2014	2.7 m
DARIMOH	0919Z	10 Sep 2014	1.7 m
QANDALA	0919Z	10 Sep 2014	1.6 m
BANDARBEYLA	0920Z	10 Sep 2014	1.7 m
HAFUN	0922Z	10 Sep 2014	3.2 m
HADAAFTIMO	0928Z	10 Sep 2014	2.1 m
BOSASO	0932Z	10 Sep 2014	2.3 m
HURDYO	0933Z	10 Sep 2014	3.1 m
EYL	0933Z	10 Sep 2014	2.3 m
JARIIBAN	0941Z	10 Sep 2014	2.4 m

JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
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NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
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VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
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KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		
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SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m



AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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  
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 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

-----  
 TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
 #  
 # TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
 #  
 #####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-09 (TYPE - III Supplementary 06)

TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 9  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1200 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z 10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z 10 Sep 2014	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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m

AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z 10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z 10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z 10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z 10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z 10 Sep 2014	0.6 m

LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompus S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
---			
KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
---			
GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m

MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO AT SINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
---			
KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
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AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m
MOZAMBIQUE			
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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m

OMAN		
---		
MUSCAT	0610Z 10 Sep 2014	8.6 m
FINS	0614Z 10 Sep 2014	12.4 m
AL JAWABI	0615Z 10 Sep 2014	11.7 m
AS SIB	0620Z 10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z 10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z 10 Sep 2014	6.6 m
LIWA	0640Z 10 Sep 2014	6.2 m
MASIRAH	0650Z 10 Sep 2014	3.5 m
GHALAT	0653Z 10 Sep 2014	4.8 m
MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
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PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
---		
SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
---		
TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
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CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m

EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
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NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
---		
VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUUU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
---		
KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		
---		
SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m



SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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](mailto:tsunami@incois.gov.in)  
 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

-----  
 TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
 #  
 # TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
 #  
 #####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-010 (TYPE - III Supplementary 07)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

-----  
TEST BULLETIN 10  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1300 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z 10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z 10 Sep 2014	0.9m
Lamu (Kenya)	2.3S	40.9E	1201Z 10 Sep 2014	1.0m
Mombasa (Kenya)	4.1S	39.6E	1212Z 10 Sep 2014	1.0m
Mtwara (Tanzania)	10.3S	40.2E	1231Z 10 Sep 2014	1.1m
Zanzibar (Tanzania)	6.2S	39.2E	1244Z 10 Sep 2014	1.5m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m

PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
---		
NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z 10 Sep 2014	0.6 m
BANTEN Lebak	1515Z 10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z 10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z 10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z 10 Sep 2014	0.7 m

JABAR Sukabumi Ujung-Genteng	1518Z	10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z	10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z	10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
---			
PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
---			
KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
---			
GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m

AMPONDRABE	1158Z	10	Sep	2014	1.6	m
MANGAOKA	1158Z	10	Sep	2014	0.8	m
VOHEMAR	1208Z	10	Sep	2014	1.4	m
BANC DU GEYSER	1209Z	10	Sep	2014	0.8	m
TSARABARIA	1211Z	10	Sep	2014	1.2	m
MAHALINA	1218Z	10	Sep	2014	0.8	m
FARAHALANA	1221Z	10	Sep	2014	1.0	m
MAROANTSETRA	1226Z	10	Sep	2014	1.1	m
AMPOMBIANTAMBO	1237Z	10	Sep	2014	0.8	m
BESALAMPY	1257Z	10	Sep	2014	0.6	m
SOALALA	1306Z	10	Sep	2014	0.9	m
SOANIERANA-IVONGO	1310Z	10	Sep	2014	1.8	m
JUAN DE NOVA ISLAND	1312Z	10	Sep	2014	0.8	m
FENOARIVO ATSINANANA	1325Z	10	Sep	2014	1.4	m
TOAMASINA AIRPORT	1325Z	10	Sep	2014	1.2	m
AMBINANINONY	1332Z	10	Sep	2014	0.6	m
TAMPOLO	1334Z	10	Sep	2014	1.0	m
ANOROTSANGANA	1336Z	10	Sep	2014	0.5	m
ANDOANY	1340Z	10	Sep	2014	0.6	m
MAROANTSETRA	1343Z	10	Sep	2014	0.9	m
TOAMASINA	1344Z	10	Sep	2014	1.0	m
ANTANANARIVO	1345Z	10	Sep	2014	0.8	m
AMBAHY	1354Z	10	Sep	2014	1.0	m
NAMORONA	1357Z	10	Sep	2014	1.0	m
ANTSIANITIA	1359Z	10	Sep	2014	0.6	m
VANGAINDRANO	1419Z	10	Sep	2014	1.0	m
MANANTENINA	1429Z	10	Sep	2014	0.7	m
ANTSIRANANA	1456Z	10	Sep	2014	0.8	m
SAMPONA	1457Z	10	Sep	2014	0.6	m
ANTSIRANANA	1502Z	10	Sep	2014	0.5	m
TRANOVAHO	1540Z	10	Sep	2014	0.6	m
TOLANARO	1608Z	10	Sep	2014	0.7	m
LAVANONO	2012Z	10	Sep	2014	0.6	m
ANTSIANITIA	2015Z	10	Sep	2014	0.5	m
AMBENJA	2024Z	10	Sep	2014	0.7	m
MALDIVES						
---						
KULHUDHUFFUSHI	0912Z	10	Sep	2014	2.2	m
GOIDHOO	0916Z	10	Sep	2014	3.2	m
FERIDHOO	0931Z	10	Sep	2014	4.0	m
NILANDHOO	0941Z	10	Sep	2014	2.5	m
DHIYAMIGILI	0948Z	10	Sep	2014	2.0	m
MALE	0950Z	10	Sep	2014	2.6	m
THINADHOO	1003Z	10	Sep	2014	2.5	m
KOLHUFUSHI	1005Z	10	Sep	2014	1.9	m
HITHADHOO	1014Z	10	Sep	2014	2.3	m
MAURITIUS						
---						
AGALEGA ISLAND	1144Z	10	Sep	2014	0.9	m
LA FERME	1305Z	10	Sep	2014	1.3	m
GRANDE REVIERE SUD EST	1309Z	10	Sep	2014	1.1	m
CARGADOS CARAJOS	1312Z	10	Sep	2014	1.1	m
MOZAMBIQUE						
---						
MADANGWA	1222Z	10	Sep	2014	1.2	m
MAGANJA	1224Z	10	Sep	2014	1.1	m
MERONVI	1227Z	10	Sep	2014	0.9	m
TAVARI	1238Z	10	Sep	2014	0.7	m
MURREBUE	1245Z	10	Sep	2014	0.9	m
QUITERAJO	1251Z	10	Sep	2014	0.6	m
LURIO	1252Z	10	Sep	2014	0.9	m

MINHAUINE	1257Z 10 Sep 2014	0.7 m
CALAJULO	1306Z 10 Sep 2014	0.7 m
MOGINCUAL	1314Z 10 Sep 2014	0.8 m
MAGUEMBA	1818Z 10 Sep 2014	0.6 m
NATIQUEINDE	2033Z 10 Sep 2014	0.5 m
OMAN		
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MUSCAT	0610Z 10 Sep 2014	8.6 m
FINS	0614Z 10 Sep 2014	12.4 m
AL JAWABI	0615Z 10 Sep 2014	11.7 m
AS SIB	0620Z 10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z 10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z 10 Sep 2014	6.6 m
LIWA	0640Z 10 Sep 2014	6.2 m
MASIRAH	0650Z 10 Sep 2014	3.5 m
GHALAT	0653Z 10 Sep 2014	4.8 m
MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
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PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
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SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
---		
TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
---		
CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m

BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
---		
NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
---		
VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
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KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		



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SOCOTRA ISLAND SOUTH          0821Z 10 Sep 2014      3.1 m
AL GHAYDAH AIRPORT            0824Z 10 Sep 2014      3.2 m
HUSWAYN                        0834Z 10 Sep 2014      2.9 m
SOCOTRA ISLAND NORTH          0836Z 10 Sep 2014      2.2 m
SOCOTRA ISLAND WEST           0842Z 10 Sep 2014      2.8 m
ITAB                           0849Z 10 Sep 2014      2.2 m
AL QUMRAH                     0902Z 10 Sep 2014      2.6 m
HAMI                           0905Z 10 Sep 2014      2.0 m
AL MUKALLA                     0920Z 10 Sep 2014      2.1 m
BROM MAYFA                     0922Z 10 Sep 2014      1.4 m
YEMEN                          0930Z 10 Sep 2014      1.9 m
HISN BALID                     0946Z 10 Sep 2014      1.4 m
AHWAR                          0951Z 10 Sep 2014      1.7 m
KHANFAR                        1003Z 10 Sep 2014      2.0 m
BIR JABIR                      1015Z 10 Sep 2014      2.7 m
ADEN                           1024Z 10 Sep 2014      2.0 m
QAWAH                          1048Z 10 Sep 2014      1.9 m

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#### 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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TEST TEST TEST TEST TEST TEST TEST TEST TEST

```

#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####

```

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-011 (TYPE - III Supplementary 08)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 11  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1400 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

## 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

## 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z 10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z 10 Sep 2014	0.9m
Lamu (Kenya)	2.3S	40.9E	1201Z 10 Sep 2014	1.0m
Mombasa (Kenya)	4.1S	39.6E	1212Z 10 Sep 2014	1.0m
Mtwara (Tanzania)	10.3S	40.2E	1231Z 10 Sep 2014	1.1m
Zanzibar (Tanzania)	6.2S	39.2E	1244Z 10 Sep 2014	1.5m
Pemba (Moçambique)	13.0S	40.5E	1304Z 10 Sep 2014	0.9m
Vizag (India)	17.7N	83.3E	1313Z 10 Sep 2014	0.2m
Rodrigues (Mauritius)	19.7S	63.4E	1314Z 10 Sep 2014	1.3m

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

---		
COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

---		
MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

---		
BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

---		
MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

---		
LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m

#### INDIA

---		
MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m

VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z 10 Sep 2014	0.7 m

LAMPUNG Tanggamus B	1506Z	10 Sep 2014	0.6 m
BANTEN Lebak	1515Z	10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z	10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z	10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z	10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z	10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z	10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z	10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
---			
PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
---			
KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m

MALINDI	1211Z 10 Sep 2014	0.8 m
MADAGASCAR		
---		
GLORIOSO ISLANDS	1150Z 10 Sep 2014	1.2 m
AMPONDRABE	1158Z 10 Sep 2014	1.6 m
MANGAOKA	1158Z 10 Sep 2014	0.8 m
VOHEMAR	1208Z 10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z 10 Sep 2014	0.8 m
TSARABARIA	1211Z 10 Sep 2014	1.2 m
MAHALINA	1218Z 10 Sep 2014	0.8 m
FARAHALANA	1221Z 10 Sep 2014	1.0 m
MAROANTSETRA	1226Z 10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z 10 Sep 2014	0.8 m
BESALAMPY	1257Z 10 Sep 2014	0.6 m
SOALALA	1306Z 10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z 10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z 10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z 10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z 10 Sep 2014	1.2 m
AMBINANINONY	1332Z 10 Sep 2014	0.6 m
TAMPOLO	1334Z 10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z 10 Sep 2014	0.5 m
ANDOANY	1340Z 10 Sep 2014	0.6 m
MAROANTSETRA	1343Z 10 Sep 2014	0.9 m
TOAMASINA	1344Z 10 Sep 2014	1.0 m
ANTANANARIVO	1345Z 10 Sep 2014	0.8 m
AMBAHY	1354Z 10 Sep 2014	1.0 m
NAMORONA	1357Z 10 Sep 2014	1.0 m
ANTSIANITIA	1359Z 10 Sep 2014	0.6 m
VANGAINDRANO	1419Z 10 Sep 2014	1.0 m
MANANTENINA	1429Z 10 Sep 2014	0.7 m
ANTSIRANANA	1456Z 10 Sep 2014	0.8 m
SAMPONA	1457Z 10 Sep 2014	0.6 m
ANTSIRANANA	1502Z 10 Sep 2014	0.5 m
TRANOVAHO	1540Z 10 Sep 2014	0.6 m
TOLANARO	1608Z 10 Sep 2014	0.7 m
LAVANONO	2012Z 10 Sep 2014	0.6 m
ANTSIANITIA	2015Z 10 Sep 2014	0.5 m
AMBENJA	2024Z 10 Sep 2014	0.7 m
MALDIVES		
---		
KULHUDHUFFUSHI	0912Z 10 Sep 2014	2.2 m
GOIDHOO	0916Z 10 Sep 2014	3.2 m
FERIDHOO	0931Z 10 Sep 2014	4.0 m
NILANDHOO	0941Z 10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z 10 Sep 2014	2.0 m
MALE	0950Z 10 Sep 2014	2.6 m
THINADHOO	1003Z 10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z 10 Sep 2014	1.9 m
HITHADHOO	1014Z 10 Sep 2014	2.3 m
MAURITIUS		
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AGALEGA ISLAND	1144Z 10 Sep 2014	0.9 m
LA FERME	1305Z 10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z 10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z 10 Sep 2014	1.1 m
MOZAMBIQUE		
---		
MADANGWA	1222Z 10 Sep 2014	1.2 m
MAGANJA	1224Z 10 Sep 2014	1.1 m

MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJJO	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m
OMAN			
---			
MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUSH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m
MANADHIF	0701Z	10 Sep 2014	3.3 m
KUMZAR	0711Z	10 Sep 2014	6.4 m
QUIRAN	0716Z	10 Sep 2014	3.9 m
SHUWAYR	0729Z	10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z	10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z	10 Sep 2014	2.7 m
MIRBAT	0745Z	10 Sep 2014	2.2 m
MIRBAT	0750Z	10 Sep 2014	2.7 m
QUIRAN	0756Z	10 Sep 2014	3.3 m
SALALAH	0759Z	10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z	10 Sep 2014	2.4 m
PAKISTAN			
---			
PASNI	0601Z	10 Sep 2014	13.6 m
ORMARA	0601Z	10 Sep 2014	12.8 m
JIWANI	0601Z	10 Sep 2014	12.5 m
BAGAR	0601Z	10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z	10 Sep 2014	7.3 m
WINDER	0635Z	10 Sep 2014	6.0 m
KARACHI	0637Z	10 Sep 2014	7.3 m
SINDH	0704Z	10 Sep 2014	4.7 m
REUNION			
---			
SAINT - JOSEPH	1313Z	10 Sep 2014	1.2 m
SEYCHELLES			
---			
TAKAMAKA	1033Z	10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z	10 Sep 2014	1.9 m
ILE DESROCHES	1059Z	10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z	10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z	10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z	10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z	10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z	10 Sep 2014	1.2 m
ALDABRA	1135Z	10 Sep 2014	1.1 m
SOMALIA			
---			
CAPE GUARDAFUI	0905Z	10 Sep 2014	2.4 m

HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBEYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
---		
NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
---		
VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m
SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m



UNITED ARAB EMIRATES

---

KALBA 0702Z 10 Sep 2014 7.3 m

YEMEN

---

SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#  
#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-012 (TYPE - III Supplementary 09)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST BULLETIN 12

REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1500 UTC Wednesday 10 September 2014

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

## 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
 Depth: 10 km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.8 N  
 Longitude: 62.2 E  
 Location: Off Coast of Pakistan

## 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z 10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z 10 Sep 2014	0.9m
Lamu (Kenya)	2.3S	40.9E	1201Z 10 Sep 2014	1.0m
Mombasa (Kenya)	4.1S	39.6E	1212Z 10 Sep 2014	1.0m
Mtwara (Tanzania)	10.3S	40.2E	1231Z 10 Sep 2014	1.1m
Zanzibar (Tanzania)	6.2S	39.2E	1244Z 10 Sep 2014	1.5m
Pemba (Moçambique)	13.0S	40.5E	1304Z 10 Sep 2014	0.9m
Vizag (India)	17.7N	83.3E	1313Z 10 Sep 2014	0.2m
Rodrigues (Mauritius)	19.7S	63.4E	1314Z 10 Sep 2014	1.3m

Pt.Louis (Mauritius)	20.2S	57.5E	1316Z 10 Sep 2014	1.0m
Cocos Island (Australia)	12.1S	96.9E	1400Z 10 Sep 2014	0.7m
Seblat (Indonesia)	3.2S	101.6E	1423Z 10 Sep 2014	0.7m
Sittwe (Myanmar)	20.1N	92.9E	1430Z 10 Sep 2014	0.3m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m

PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m

# INDONESIA

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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z 10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z 10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z 10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z 10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z 10 Sep 2014	0.7 m

BANTEN Pandeglang S	1502Z	10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z	10 Sep 2014	0.6 m
BANTEN Lebak	1515Z	10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z	10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z	10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z	10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z	10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z	10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z	10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
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KIWAYU	1130Z	10 Sep 2014	1.0 m
LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m

MVULENI	1211Z 10 Sep 2014	1.1 m
MALINDI	1211Z 10 Sep 2014	0.8 m
MADAGASCAR		
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GLORIOSO ISLANDS	1150Z 10 Sep 2014	1.2 m
AMPONDRABE	1158Z 10 Sep 2014	1.6 m
MANGAOKA	1158Z 10 Sep 2014	0.8 m
VOHEMAR	1208Z 10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z 10 Sep 2014	0.8 m
TSARABARIA	1211Z 10 Sep 2014	1.2 m
MAHALINA	1218Z 10 Sep 2014	0.8 m
FARAHALANA	1221Z 10 Sep 2014	1.0 m
MAROANTSETRA	1226Z 10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z 10 Sep 2014	0.8 m
BESALAMPY	1257Z 10 Sep 2014	0.6 m
SOALALA	1306Z 10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z 10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z 10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z 10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z 10 Sep 2014	1.2 m
AMBINANINONY	1332Z 10 Sep 2014	0.6 m
TAMPOLO	1334Z 10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z 10 Sep 2014	0.5 m
ANDOANY	1340Z 10 Sep 2014	0.6 m
MAROANTSETRA	1343Z 10 Sep 2014	0.9 m
TOAMASINA	1344Z 10 Sep 2014	1.0 m
ANTANANARIVO	1345Z 10 Sep 2014	0.8 m
AMBAHY	1354Z 10 Sep 2014	1.0 m
NAMORONA	1357Z 10 Sep 2014	1.0 m
ANTSIANITIA	1359Z 10 Sep 2014	0.6 m
VANGAINDRANO	1419Z 10 Sep 2014	1.0 m
MANANTENINA	1429Z 10 Sep 2014	0.7 m
ANTSIRANANA	1456Z 10 Sep 2014	0.8 m
SAMPONA	1457Z 10 Sep 2014	0.6 m
ANTSIRANANA	1502Z 10 Sep 2014	0.5 m
TRANOVAHO	1540Z 10 Sep 2014	0.6 m
TOLANARO	1608Z 10 Sep 2014	0.7 m
LAVANONO	2012Z 10 Sep 2014	0.6 m
ANTSIANITIA	2015Z 10 Sep 2014	0.5 m
AMBENJA	2024Z 10 Sep 2014	0.7 m
MALDIVES		
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KULHUDHUFFUSHI	0912Z 10 Sep 2014	2.2 m
GOIDHOO	0916Z 10 Sep 2014	3.2 m
FERIDHOO	0931Z 10 Sep 2014	4.0 m
NILANDHOO	0941Z 10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z 10 Sep 2014	2.0 m
MALE	0950Z 10 Sep 2014	2.6 m
THINADHOO	1003Z 10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z 10 Sep 2014	1.9 m
HITHADHOO	1014Z 10 Sep 2014	2.3 m
MAURITIUS		
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AGALEGA ISLAND	1144Z 10 Sep 2014	0.9 m
LA FERME	1305Z 10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z 10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z 10 Sep 2014	1.1 m
MOZAMBIQUE		
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MADANGWA	1222Z 10 Sep 2014	1.2 m

MAGANJA	1224Z 10 Sep 2014	1.1 m
MERONVI	1227Z 10 Sep 2014	0.9 m
TAVARI	1238Z 10 Sep 2014	0.7 m
MURREBUE	1245Z 10 Sep 2014	0.9 m
QUITERAJAJO	1251Z 10 Sep 2014	0.6 m
LURIO	1252Z 10 Sep 2014	0.9 m
MINHAUINE	1257Z 10 Sep 2014	0.7 m
CALAJULO	1306Z 10 Sep 2014	0.7 m
MOGINCUAL	1314Z 10 Sep 2014	0.8 m
MAGUEMBA	1818Z 10 Sep 2014	0.6 m
NATIQUEINDE	2033Z 10 Sep 2014	0.5 m
OMAN		
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MUSCAT	0610Z 10 Sep 2014	8.6 m
FINS	0614Z 10 Sep 2014	12.4 m
AL JAWABI	0615Z 10 Sep 2014	11.7 m
AS SIB	0620Z 10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z 10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z 10 Sep 2014	6.6 m
LIWA	0640Z 10 Sep 2014	6.2 m
MASIRAH	0650Z 10 Sep 2014	3.5 m
GHALAT	0653Z 10 Sep 2014	4.8 m
MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
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PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
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SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
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TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
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CAPE GUARDAFUI	0905Z	10 Sep 2014	2.4 m
HAFUN	0910Z	10 Sep 2014	2.4 m
ABO	0912Z	10 Sep 2014	2.2 m
TOOXIN	0914Z	10 Sep 2014	2.7 m
DARIMOH	0919Z	10 Sep 2014	1.7 m
QANDALA	0919Z	10 Sep 2014	1.6 m
BANDARBEYLA	0920Z	10 Sep 2014	1.7 m
HAFUN	0922Z	10 Sep 2014	3.2 m
HADAAFTIMO	0928Z	10 Sep 2014	2.1 m
BOSASO	0932Z	10 Sep 2014	2.3 m
HURDYO	0933Z	10 Sep 2014	3.1 m
EYL	0933Z	10 Sep 2014	2.3 m
JARIIBAN	0941Z	10 Sep 2014	2.4 m
JARIIBAN	0944Z	10 Sep 2014	2.5 m
GALGALA	0946Z	10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z	10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z	10 Sep 2014	1.6 m
MAYDH	0955Z	10 Sep 2014	1.8 m
KABURA	1002Z	10 Sep 2014	2.2 m
XARARDHEERE	1012Z	10 Sep 2014	2.0 m
CEEL DHEER	1020Z	10 Sep 2014	2.2 m
BERBERA	1023Z	10 Sep 2014	2.1 m
ANTERAL	1024Z	10 Sep 2014	0.9 m
MAREEG	1026Z	10 Sep 2014	1.3 m
CEELBUUR	1027Z	10 Sep 2014	1.9 m
ITALA	1029Z	10 Sep 2014	1.1 m
UARSCIECH	1036Z	10 Sep 2014	1.3 m
BAKI	1038Z	10 Sep 2014	2.4 m
SAYLAC	1042Z	10 Sep 2014	2.6 m
MUQDISHO	1045Z	10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z	10 Sep 2014	1.1 m
BARAAWE	1058Z	10 Sep 2014	1.1 m
JILIB	1103Z	10 Sep 2014	1.7 m
SAYLAC	1107Z	10 Sep 2014	1.7 m
TURDHO	1113Z	10 Sep 2014	0.9 m
KISMAAYO	1123Z	10 Sep 2014	1.2 m
KAAMBOONI	1126Z	10 Sep 2014	1.1 m
NE BEERNAASI	1129Z	10 Sep 2014	1.1 m
SRI LANKA			
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NEGOMBO	1036Z	10 Sep 2014	1.1 m
HIKKADUWA	1037Z	10 Sep 2014	1.2 m
COLOMBO	1037Z	10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z	10 Sep 2014	1.4 m
MATARA	1057Z	10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z	10 Sep 2014	1.1 m
YALA	1109Z	10 Sep 2014	0.7 m
POTTUVIL	1530Z	10 Sep 2014	0.7 m
TANZANIA			
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VUMBA	1200Z	10 Sep 2014	1.2 m
ZANZIBAR	1213Z	10 Sep 2014	1.6 m
KUTANI	1218Z	10 Sep 2014	1.3 m
JIMBO	1220Z	10 Sep 2014	1.2 m
GAZIJA	1221Z	10 Sep 2014	0.9 m
MSASANI	1223Z	10 Sep 2014	1.0 m
SONGO MNARA	1223Z	10 Sep 2014	0.9 m
BOMALANDNI	1224Z	10 Sep 2014	1.4 m
RUUVU	1225Z	10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z	10 Sep 2014	2.4 m
JAJA	1230Z	10 Sep 2014	0.9 m
VUMBI	1242Z	10 Sep 2014	1.0 m



UNITED ARAB EMIRATES

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KALBA 0702Z 10 Sep 2014 7.3 m

YEMEN

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SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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](mailto:tsunami@incois.gov.in)  
Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

-----  
TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
#

#####

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-013 (TYPE - III Supplementary 10)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

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TEST BULLETIN 13  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1600 UTC Wednesday 10 September 2014  
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... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z 10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z 10 Sep 2014	0.9m
Lamu (Kenya)	2.3S	40.9E	1201Z 10 Sep 2014	1.0m
Mombasa (Kenya)	4.1S	39.6E	1212Z 10 Sep 2014	1.0m
Mtwara (Tanzania)	10.3S	40.2E	1231Z 10 Sep 2014	1.1m
Zanzibar (Tanzania)	6.2S	39.2E	1244Z 10 Sep 2014	1.5m
Pemba (Moçambique)	13.0S	40.5E	1304Z 10 Sep 2014	0.9m
Vizag (India)	17.7N	83.3E	1313Z 10 Sep 2014	0.2m
Rodrigues (Mauritius)	19.7S	63.4E	1314Z 10 Sep 2014	1.3m

Pt.Louis (Mauritius)	20.2S	57.5E	1316Z 10 Sep 2014	1.0m
Cocos Island (Australia)	12.1S	96.9E	1400Z 10 Sep 2014	0.7m
Seblat (Indonesia)	3.2S	101.6E	1423Z 10 Sep 2014	0.7m
Sittwe (Myanmar)	20.1N	92.9E	1430Z 10 Sep 2014	0.3m
Christmas Island (Australia)	10.4S	105.7E	1456Z 10 Sep 2014	0.6m
Cilacap (Indonesia)	7.8S	109.0E	1536Z 10 Sep 2014	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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
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#### INDIA

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MANDVI	0707Z	10 Sep 2014	3.2 m
DWARKA	0746Z	10 Sep 2014	3.6 m
PORBANDAR	0747Z	10 Sep 2014	3.0 m
VERAVAL	0803Z	10 Sep 2014	2.8 m
AGATTI	0838Z	10 Sep 2014	4.2 m
AMINI	0848Z	10 Sep 2014	3.6 m
KAVARATTI	0850Z	10 Sep 2014	2.2 m
MALVAN BAY	0851Z	10 Sep 2014	2.8 m
PANAJI	0901Z	10 Sep 2014	3.4 m
ANDROTH	0902Z	10 Sep 2014	3.5 m
ANJANWEL	0904Z	10 Sep 2014	3.0 m
MINICOY	0906Z	10 Sep 2014	2.7 m
KARWAR	0912Z	10 Sep 2014	3.3 m
AMRELI	0912Z	10 Sep 2014	3.2 m
ALIBAG PORT	0926Z	10 Sep 2014	3.0 m
MANGALORE	0934Z	10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z	10 Sep 2014	2.7 m
MUMBAI	0939Z	10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z	10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z	10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z	10 Sep 2014	2.5 m
COCHIN	0950Z	10 Sep 2014	2.7 m
BEYPORE	0951Z	10 Sep 2014	2.5 m
QUILON	0952Z	10 Sep 2014	2.1 m
TRIVANDRUM	1007Z	10 Sep 2014	2.5 m
KANYAKUMARI	1019Z	10 Sep 2014	2.4 m
KOODANKULAM	1049Z	10 Sep 2014	1.9 m
RAMESWARAM	1057Z	10 Sep 2014	1.0 m
TUTICORIN	1115Z	10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z	10 Sep 2014	0.6 m
INDIRA POINT	1332Z	10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z	10 Sep 2014	0.5 m
CAR NICOBAR	1503Z	10 Sep 2014	0.6 m
INDONESIA			
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NAD Simeulue P.Simeulue	1329Z	10 Sep 2014	0.9 m
SUMUT Nias B	1338Z	10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z	10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z	10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z	10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z	10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z	10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z	10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z	10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z	10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z	10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z	10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z	10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z	10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z	10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z	10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z	10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z	10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z	10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z	10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z	10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z	10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z	10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z	10 Sep 2014	0.7 m
BENGKULU Seluma	1454Z	10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z	10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z	10 Sep 2014	0.6 m

LAMPUNG Lampung-Barat Pesisir-Utara	1457Z	10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z	10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z	10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z	10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z	10 Sep 2014	0.6 m
BANTEN Lebak	1515Z	10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z	10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z	10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z	10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z	10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z	10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z	10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarang	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m
KENYA			
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KIWAYU	1130Z	10 Sep 2014	1.0 m

LAMU	1148Z	10 Sep 2014	1.1 m
TAKAUNGU	1203Z	10 Sep 2014	1.7 m
KIPINI	1205Z	10 Sep 2014	1.1 m
MVULENI	1211Z	10 Sep 2014	1.1 m
MALINDI	1211Z	10 Sep 2014	0.8 m
MADAGASCAR			
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2 m
AMPONDRABE	1158Z	10 Sep 2014	1.6 m
MANGAOKA	1158Z	10 Sep 2014	0.8 m
VOHEMAR	1208Z	10 Sep 2014	1.4 m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8 m
TSARABARIA	1211Z	10 Sep 2014	1.2 m
MAHALINA	1218Z	10 Sep 2014	0.8 m
FARAHALANA	1221Z	10 Sep 2014	1.0 m
MAROANTSETRA	1226Z	10 Sep 2014	1.1 m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8 m
BESALAMPY	1257Z	10 Sep 2014	0.6 m
SOALALA	1306Z	10 Sep 2014	0.9 m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8 m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8 m
FENOARIVO ATSINANANA	1325Z	10 Sep 2014	1.4 m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2 m
AMBINANINONY	1332Z	10 Sep 2014	0.6 m
TAMPOLO	1334Z	10 Sep 2014	1.0 m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5 m
ANDOANY	1340Z	10 Sep 2014	0.6 m
MAROANTSETRA	1343Z	10 Sep 2014	0.9 m
TOAMASINA	1344Z	10 Sep 2014	1.0 m
ANTANANARIVO	1345Z	10 Sep 2014	0.8 m
AMBAHY	1354Z	10 Sep 2014	1.0 m
NAMORONA	1357Z	10 Sep 2014	1.0 m
ANTSIANITIA	1359Z	10 Sep 2014	0.6 m
VANGAINDRANO	1419Z	10 Sep 2014	1.0 m
MANANTENINA	1429Z	10 Sep 2014	0.7 m
ANTSIRANANA	1456Z	10 Sep 2014	0.8 m
SAMPONA	1457Z	10 Sep 2014	0.6 m
ANTSIRANANA	1502Z	10 Sep 2014	0.5 m
TRANOVAHO	1540Z	10 Sep 2014	0.6 m
TOLANARO	1608Z	10 Sep 2014	0.7 m
LAVANONO	2012Z	10 Sep 2014	0.6 m
ANTSIANITIA	2015Z	10 Sep 2014	0.5 m
AMBENJA	2024Z	10 Sep 2014	0.7 m
MALDIVES			
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KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2 m
GOIDHOO	0916Z	10 Sep 2014	3.2 m
FERIDHOO	0931Z	10 Sep 2014	4.0 m
NILANDHOO	0941Z	10 Sep 2014	2.5 m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0 m
MALE	0950Z	10 Sep 2014	2.6 m
THINADHOO	1003Z	10 Sep 2014	2.5 m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9 m
HITHADHOO	1014Z	10 Sep 2014	2.3 m
MAURITIUS			
---			
AGALEGA ISLAND	1144Z	10 Sep 2014	0.9 m
LA FERME	1305Z	10 Sep 2014	1.3 m
GRANDE REVIERE SUD EST	1309Z	10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z	10 Sep 2014	1.1 m

## MOZAMBIQUE

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MADANGWA	1222Z	10 Sep 2014	1.2 m
MAGANJA	1224Z	10 Sep 2014	1.1 m
MERONVI	1227Z	10 Sep 2014	0.9 m
TAVARI	1238Z	10 Sep 2014	0.7 m
MURREBUE	1245Z	10 Sep 2014	0.9 m
QUITERAJÓ	1251Z	10 Sep 2014	0.6 m
LURIO	1252Z	10 Sep 2014	0.9 m
MINHAUINE	1257Z	10 Sep 2014	0.7 m
CALAJULO	1306Z	10 Sep 2014	0.7 m
MOGINCUAL	1314Z	10 Sep 2014	0.8 m
MAGUEMBA	1818Z	10 Sep 2014	0.6 m
NATIQUEINDE	2033Z	10 Sep 2014	0.5 m

## OMAN

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MUSCAT	0610Z	10 Sep 2014	8.6 m
FINS	0614Z	10 Sep 2014	12.4 m
AL JAWABI	0615Z	10 Sep 2014	11.7 m
AS SIB	0620Z	10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z	10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z	10 Sep 2014	6.6 m
LIWA	0640Z	10 Sep 2014	6.2 m
MASIRAH	0650Z	10 Sep 2014	3.5 m
GHALAT	0653Z	10 Sep 2014	4.8 m
MANADHIF	0701Z	10 Sep 2014	3.3 m
KUMZAR	0711Z	10 Sep 2014	6.4 m
QUIRAN	0716Z	10 Sep 2014	3.9 m
SHUWAYR	0729Z	10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z	10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z	10 Sep 2014	2.7 m
MIRBAT	0745Z	10 Sep 2014	2.2 m
MIRBAT	0750Z	10 Sep 2014	2.7 m
QUIRAN	0756Z	10 Sep 2014	3.3 m
SALALAH	0759Z	10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z	10 Sep 2014	2.4 m

## PAKISTAN

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PASNI	0601Z	10 Sep 2014	13.6 m
ORMARA	0601Z	10 Sep 2014	12.8 m
JIWANI	0601Z	10 Sep 2014	12.5 m
BAGAR	0601Z	10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAH HIGHWAY	0616Z	10 Sep 2014	7.3 m
WINDER	0635Z	10 Sep 2014	6.0 m
KARACHI	0637Z	10 Sep 2014	7.3 m
SINDH	0704Z	10 Sep 2014	4.7 m

## REUNION

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SAINT - JOSEPH	1313Z	10 Sep 2014	1.2 m
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## SEYCHELLES

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TAKAMAKA	1033Z	10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z	10 Sep 2014	1.9 m
ILE DESROCHES	1059Z	10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z	10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z	10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z	10 Sep 2014	1.5 m
FREGATE ISLAND	1117Z	10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z	10 Sep 2014	1.2 m
ALDABRA	1135Z	10 Sep 2014	1.1 m



## SOMALIA

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CAPE GUARDAFUI	0905Z	10	Sep	2014	2.4	m
HAFUN	0910Z	10	Sep	2014	2.4	m
ABO	0912Z	10	Sep	2014	2.2	m
TOOXIN	0914Z	10	Sep	2014	2.7	m
DARIMOH	0919Z	10	Sep	2014	1.7	m
QANDALA	0919Z	10	Sep	2014	1.6	m
BANDARBEYLA	0920Z	10	Sep	2014	1.7	m
HAFUN	0922Z	10	Sep	2014	3.2	m
HADAAFTIMO	0928Z	10	Sep	2014	2.1	m
BOSASO	0932Z	10	Sep	2014	2.3	m
HURDYO	0933Z	10	Sep	2014	3.1	m
EYL	0933Z	10	Sep	2014	2.3	m
JARIIBAN	0941Z	10	Sep	2014	2.4	m
JARIIBAN	0944Z	10	Sep	2014	2.5	m
GALGALA	0946Z	10	Sep	2014	1.8	m
SOUTHERN HOBYO	0950Z	10	Sep	2014	2.1	m
NORTHERN HOBYO	0951Z	10	Sep	2014	1.6	m
MAYDH	0955Z	10	Sep	2014	1.8	m
KABURA	1002Z	10	Sep	2014	2.2	m
XARARDHEERE	1012Z	10	Sep	2014	2.0	m
CEEL DHEER	1020Z	10	Sep	2014	2.2	m
BERBERA	1023Z	10	Sep	2014	2.1	m
ANTERAL	1024Z	10	Sep	2014	0.9	m
MAREEG	1026Z	10	Sep	2014	1.3	m
CEELBUUR	1027Z	10	Sep	2014	1.9	m
ITALA	1029Z	10	Sep	2014	1.1	m
UARSCIECH	1036Z	10	Sep	2014	1.3	m
BAKI	1038Z	10	Sep	2014	2.4	m
SAYLAC	1042Z	10	Sep	2014	2.6	m
MUQDISHO	1045Z	10	Sep	2014	1.0	m
BEYNAX BARRE	1055Z	10	Sep	2014	1.1	m
BARAAWE	1058Z	10	Sep	2014	1.1	m
JILIB	1103Z	10	Sep	2014	1.7	m
SAYLAC	1107Z	10	Sep	2014	1.7	m
TURDHO	1113Z	10	Sep	2014	0.9	m
KISMAAYO	1123Z	10	Sep	2014	1.2	m
KAAMBOONI	1126Z	10	Sep	2014	1.1	m
NE BEERNAASI	1129Z	10	Sep	2014	1.1	m

## SRI LANKA

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NEGOMBO	1036Z	10	Sep	2014	1.1	m
HIKKADUWA	1037Z	10	Sep	2014	1.2	m
COLOMBO	1037Z	10	Sep	2014	0.9	m
MUNDAL LAKE	1049Z	10	Sep	2014	1.4	m
MATARA	1057Z	10	Sep	2014	0.8	m
MANNAR ISLAND	1058Z	10	Sep	2014	1.1	m
YALA	1109Z	10	Sep	2014	0.7	m
POTTUVIL	1530Z	10	Sep	2014	0.7	m

## TANZANIA

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VUMBA	1200Z	10	Sep	2014	1.2	m
ZANZIBAR	1213Z	10	Sep	2014	1.6	m
KUTANI	1218Z	10	Sep	2014	1.3	m
JIMBO	1220Z	10	Sep	2014	1.2	m
GAZIJA	1221Z	10	Sep	2014	0.9	m
MSASANI	1223Z	10	Sep	2014	1.0	m
SONGO MNARA	1223Z	10	Sep	2014	0.9	m
BOMALANDNI	1224Z	10	Sep	2014	1.4	m
RUVU	1225Z	10	Sep	2014	1.1	m

SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m
UNITED ARAB EMIRATES		
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KALBA	0702Z 10 Sep 2014	7.3 m
YEMEN		
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SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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](mailto:tsunami@incois.gov.in)  
 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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 TEST TEST TEST TEST TEST TEST TEST TEST TEST

#####  
 #

```
#    TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

```
#####
#
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
#
#####
```

This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-014 (TYPE - III Supplementary 11)

TEST TEST TEST TEST TEST TEST TEST TEST TEST

TEST BULLETIN 14

REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER RTSP INDIA (ITEWC)

issued at: 1700 UTC Wednesday 10 September 2014

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

## 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
 Depth: 10 km  
 Date: 10 Sep 2014  
 Origin Time: 0600 UTC  
 Latitude: 24.8 N  
 Longitude: 62.2 E  
 Location: Off Coast of Pakistan

## 2. EVALUATION

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

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m
Male (Maldiv Islands)	4.2N	73.5E	1006Z 10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z 10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z 10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z 10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z 10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z 10 Sep 2014	0.9m
Lamu (Kenya)	2.3S	40.9E	1201Z 10 Sep 2014	1.0m
Mombasa (Kenya)	4.1S	39.6E	1212Z 10 Sep 2014	1.0m
Mtwara (Tanzania)	10.3S	40.2E	1231Z 10 Sep 2014	1.1m
Zanzibar (Tanzania)	6.2S	39.2E	1244Z 10 Sep 2014	1.5m
Pemba (Moçambique)	13.0S	40.5E	1304Z 10 Sep 2014	0.9m
Vizag (India)	17.7N	83.3E	1313Z 10 Sep 2014	0.2m
Rodrigues (Mauritius)	19.7S	63.4E	1314Z 10 Sep 2014	1.3m

Pt.Louis (Mauritius)	20.2S	57.5E	1316Z 10 Sep 2014	1.0m
Cocos Island (Australia)	12.1S	96.9E	1400Z 10 Sep 2014	0.7m
Seblat (Indonesia)	3.2S	101.6E	1423Z 10 Sep 2014	0.7m
Sittwe (Myanmar)	20.1N	92.9E	1430Z 10 Sep 2014	0.3m
Christmas Island (Australia)	10.4S	105.7E	1456Z 10 Sep 2014	0.6m
Cilacap (Indonesia)	7.8S	109.0E	1536Z 10 Sep 2014	0.5m
Sadeng (Indonesia)	8.2S	110.8E	1549Z 10 Sep 2014	0.5m
Prigi (Indonesia)	8.3S	111.7E	1554Z 10 Sep 2014	0.5m
PtMurat (Australia)	21.8S	114.2E	1645Z 10 Sep 2014	0.6m

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

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COCOS ISLAND	1401Z 10 Sep 2014	0.7 m
CHRISTMAS ISLAND	1505Z 10 Sep 2014	0.6 m
CORAL BAY	1700Z 10 Sep 2014	0.6 m
DIRK HARTOG ISLAND WEST COAST	1730Z 10 Sep 2014	0.9 m
BORROW ISLAND	1736Z 10 Sep 2014	0.7 m
HILLARYS HARBOR AU	1807Z 10 Sep 2014	0.6 m
PORT HEADLAND	1818Z 10 Sep 2014	0.6 m
PORT DENISON	1848Z 10 Sep 2014	0.5 m

#### BRITISH INDIAN OCEAN TERRITORY

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MORESBY ISLAND	1051Z 10 Sep 2014	2.3 m
NW EGMONT ISLAND	1059Z 10 Sep 2014	3.1 m
DIEGO GARCIA	1127Z 10 Sep 2014	2.5 m

#### COMOROS

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BAMBAAO	1209Z 10 Sep 2014	1.7 m
CHEZANI	1211Z 10 Sep 2014	1.6 m
FOMBONI	1213Z 10 Sep 2014	1.4 m
DZAOUDZI	1215Z 10 Sep 2014	0.9 m

#### DJIBOUTI

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MUHAMMAD ALI BIN FATHA SUMANA	1053Z 10 Sep 2014	2.0 m
NW ARTA	1101Z 10 Sep 2014	3.1 m

#### FRENCH SOUTHERN AND ANTARCTIC LANDS

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LLE SAINT-PAUL	1612Z 10 Sep 2014	1.5 m
INDIA		
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MANDVI	0707Z 10 Sep 2014	3.2 m
DWARKA	0746Z 10 Sep 2014	3.6 m
PORBANDAR	0747Z 10 Sep 2014	3.0 m
VERAVAL	0803Z 10 Sep 2014	2.8 m
AGATTI	0838Z 10 Sep 2014	4.2 m
AMINI	0848Z 10 Sep 2014	3.6 m
KAVARATTI	0850Z 10 Sep 2014	2.2 m
MALVAN BAY	0851Z 10 Sep 2014	2.8 m
PANAJI	0901Z 10 Sep 2014	3.4 m
ANDROTH	0902Z 10 Sep 2014	3.5 m
ANJANWEL	0904Z 10 Sep 2014	3.0 m
MINICOY	0906Z 10 Sep 2014	2.7 m
KARWAR	0912Z 10 Sep 2014	3.3 m
AMRELI	0912Z 10 Sep 2014	3.2 m
ALIBAG PORT	0926Z 10 Sep 2014	3.0 m
MANGALORE	0934Z 10 Sep 2014	3.2 m
CHANDRAGIRI FORT	0938Z 10 Sep 2014	2.7 m
MUMBAI	0939Z 10 Sep 2014	3.0 m
MADAYI KANNUR	0940Z 10 Sep 2014	2.6 m
GULF OF KHAMBAT	0947Z 10 Sep 2014	2.6 m
ALLEPPEY ALAPPUZHA	0948Z 10 Sep 2014	2.5 m
COCHIN	0950Z 10 Sep 2014	2.7 m
BEYPORE	0951Z 10 Sep 2014	2.5 m
QUILON	0952Z 10 Sep 2014	2.1 m
TRIVANDRUM	1007Z 10 Sep 2014	2.5 m
KANYAKUMARI	1019Z 10 Sep 2014	2.4 m
KOODANKULAM	1049Z 10 Sep 2014	1.9 m
RAMESWARAM	1057Z 10 Sep 2014	1.0 m
TUTICORIN	1115Z 10 Sep 2014	1.6 m
KOMATRA & KATCHAL ISLAND	1331Z 10 Sep 2014	0.6 m
INDIRA POINT	1332Z 10 Sep 2014	0.5 m
LITTLE ANDAMAN	1418Z 10 Sep 2014	0.5 m
CAR NICOBAR	1503Z 10 Sep 2014	0.6 m
INDONESIA		
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NAD Simeulue P.Simeulue	1329Z 10 Sep 2014	0.9 m
SUMUT Nias B	1338Z 10 Sep 2014	0.9 m
NAD Kota-Banda-Aceh	1344Z 10 Sep 2014	0.6 m
NAD Aceh-Jaya	1345Z 10 Sep 2014	0.7 m
NAD Aceh-Besar B	1346Z 10 Sep 2014	0.7 m
SUMUT Nias-Selatan P.Nias	1346Z 10 Sep 2014	0.6 m
NAD Aceh-Besar P.Breueh	1347Z 10 Sep 2014	0.9 m
NAD Aceh-Besar P.Penasi	1348Z 10 Sep 2014	0.9 m
NAD Kota-Sabang P.Rondo	1351Z 10 Sep 2014	0.5 m
SUMUT Nias-Selatan P.Tanahmasa	1356Z 10 Sep 2014	0.8 m
SUMUT Nias-Selatan P.Tanabala	1357Z 10 Sep 2014	1.0 m
SUMBAR Kepulauan-Mentawai P.Siberut	1357Z 10 Sep 2014	0.8 m
NAD Aceh-Singkil Kep.Banyak	1358Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai P.Sipora	1402Z 10 Sep 2014	0.8 m
SUMBAR Kepulauan-Mentawai Kep.Pagai	1405Z 10 Sep 2014	0.8 m
NAD Aceh-Barat-Daya	1408Z 10 Sep 2014	0.9 m
NAD Nagan-Raya	1408Z 10 Sep 2014	0.9 m
NAD Aceh-Selatan U	1411Z 10 Sep 2014	0.8 m
NAD Aceh-Barat	1414Z 10 Sep 2014	0.8 m
NAD Aceh-Selatan S	1421Z 10 Sep 2014	0.9 m
BENGKULU Bengkulu-Utara P.Enggano	1434Z 10 Sep 2014	0.7 m
BENGKULU Bengkulu-Utara U	1448Z 10 Sep 2014	0.7 m
BENGKULU Kaur	1453Z 10 Sep 2014	0.9 m
BENGKULU Kota-Bengkulu Pantai-Panjang	1453Z 10 Sep 2014	0.7 m

BENGKULU Seluma	1454Z	10 Sep 2014	0.7 m
LAMPUNG Lampung-Barat Pesisir-Selatan	1456Z	10 Sep 2014	1.1 m
BENGKULU Bengkulu-Utara S	1456Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Barat Pesisir-Utara	1457Z	10 Sep 2014	0.9 m
BENGKULU Bengkulu-Selatan	1457Z	10 Sep 2014	0.7 m
BANTEN Pandeglang P.Panaitan	1501Z	10 Sep 2014	0.7 m
BANTEN Pandeglang S	1502Z	10 Sep 2014	0.7 m
LAMPUNG Tanggamus B	1506Z	10 Sep 2014	0.6 m
BANTEN Lebak	1515Z	10 Sep 2014	0.7 m
JABAR Sukabumi Pelabuhan-Ratu	1516Z	10 Sep 2014	0.8 m
LAMPUNG Lampung-Selatan Kep.Legundi	1518Z	10 Sep 2014	0.8 m
LAMPUNG Tanggamus P.Tabuan	1518Z	10 Sep 2014	0.7 m
JABAR Sukabumi Ujung-Genteng	1518Z	10 Sep 2014	0.6 m
SUMUT Tapanuli-Selatan	1518Z	10 Sep 2014	0.5 m
LAMPUNG Tanggamus T	1519Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah S	1519Z	10 Sep 2014	0.5 m
JABAR Cianjur Sindangbarang	1521Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Kalianda	1525Z	10 Sep 2014	0.5 m
JABAR Garut	1528Z	10 Sep 2014	0.6 m
JABAR Tasikmalaya	1532Z	10 Sep 2014	0.7 m
DIY Bantul	1602Z	10 Sep 2014	0.6 m
DIY Gunung-Kidul	1603Z	10 Sep 2014	0.6 m
JATIM Pacitan	1611Z	10 Sep 2014	0.6 m
JATENG Wonogiri	1612Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon P.Sangiang	1613Z	10 Sep 2014	0.6 m
JATIM Trenggalek	1616Z	10 Sep 2014	0.6 m
LAMPUNG Lampung-Selatan Bakauheni	1616Z	10 Sep 2014	0.5 m
JATIM Tulungagung	1626Z	10 Sep 2014	0.5 m
NTB Sumbawa B	1659Z	10 Sep 2014	0.5 m
BALI Jembrana	1703Z	10 Sep 2014	0.6 m
NTB Dompu S	1716Z	10 Sep 2014	0.5 m
NTT Sumba B	1720Z	10 Sep 2014	0.6 m
NTB Kota-Bima S	1722Z	10 Sep 2014	0.5 m
NTT Manggarai-Barat P.	1735Z	10 Sep 2014	0.5 m
BENGKULU Mukomuko	1751Z	10 Sep 2014	0.5 m
NTT Manggarai S	1759Z	10 Sep 2014	0.5 m
JATENG Cilacap	1809Z	10 Sep 2014	0.5 m
NTT Lembata S	1827Z	10 Sep 2014	0.6 m
NTB Lombok-Tengah	1835Z	10 Sep 2014	0.6 m
NTT Flores-Timur P.Solor	1838Z	10 Sep 2014	0.5 m
BANTEN Serang B	1852Z	10 Sep 2014	0.6 m
BANTEN Kota-Cilegon	1855Z	10 Sep 2014	0.5 m
JATIM Blitar	1904Z	10 Sep 2014	0.7 m
JATIM Malang	1910Z	10 Sep 2014	0.6 m
JATIM Lumajang	1911Z	10 Sep 2014	0.6 m
JATIM Jember P.Nusabarung	1922Z	10 Sep 2014	0.6 m
SUMUT Kota-Sibolga	1937Z	10 Sep 2014	0.5 m
SUMUT Mandailing-Natal S	2028Z	10 Sep 2014	1.0 m
SUMUT Tapanuli-Tengah U	2031Z	10 Sep 2014	0.5 m
SUMBAR Kota-Padang S	2047Z	10 Sep 2014	0.6 m
SUMBAR Kota-Pariaman	2051Z	10 Sep 2014	0.6 m
SUMBAR Padang-Pariaman S	2058Z	10 Sep 2014	0.5 m
IRAN			
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PUSHT	0601Z	10 Sep 2014	14.3 m
MACHAN	0609Z	10 Sep 2014	13.2 m
BIR	0614Z	10 Sep 2014	9.9 m
VANAK	0623Z	10 Sep 2014	7.5 m
JASK	0635Z	10 Sep 2014	7.2 m
MISKI	0647Z	10 Sep 2014	5.7 m
SIRIK	0715Z	10 Sep 2014	5.1 m
SAR RIG	0815Z	10 Sep 2014	5.9 m

KENYA				
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KIWAYU	1130Z	10 Sep 2014	1.0	m
LAMU	1148Z	10 Sep 2014	1.1	m
TAKAUNGU	1203Z	10 Sep 2014	1.7	m
KIPINI	1205Z	10 Sep 2014	1.1	m
MVULENI	1211Z	10 Sep 2014	1.1	m
MALINDI	1211Z	10 Sep 2014	0.8	m
MADAGASCAR				
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GLORIOSO ISLANDS	1150Z	10 Sep 2014	1.2	m
AMPONDRABE	1158Z	10 Sep 2014	1.6	m
MANGAOKA	1158Z	10 Sep 2014	0.8	m
VOHEMAR	1208Z	10 Sep 2014	1.4	m
BANC DU GEYSER	1209Z	10 Sep 2014	0.8	m
TSARABARIA	1211Z	10 Sep 2014	1.2	m
MAHALINA	1218Z	10 Sep 2014	0.8	m
FARAHALANA	1221Z	10 Sep 2014	1.0	m
MAROANTSETRA	1226Z	10 Sep 2014	1.1	m
AMPOMBIANTAMBO	1237Z	10 Sep 2014	0.8	m
BESALAMPY	1257Z	10 Sep 2014	0.6	m
SOALALA	1306Z	10 Sep 2014	0.9	m
SOANIERANA-IVONGO	1310Z	10 Sep 2014	1.8	m
JUAN DE NOVA ISLAND	1312Z	10 Sep 2014	0.8	m
FENOARIVO AT SINANANA	1325Z	10 Sep 2014	1.4	m
TOAMASINA AIRPORT	1325Z	10 Sep 2014	1.2	m
AMBINANINONY	1332Z	10 Sep 2014	0.6	m
TAMPOLO	1334Z	10 Sep 2014	1.0	m
ANOROTSANGANA	1336Z	10 Sep 2014	0.5	m
ANDOANY	1340Z	10 Sep 2014	0.6	m
MAROANTSETRA	1343Z	10 Sep 2014	0.9	m
TOAMASINA	1344Z	10 Sep 2014	1.0	m
ANTANANARIVO	1345Z	10 Sep 2014	0.8	m
AMBAHY	1354Z	10 Sep 2014	1.0	m
NAMORONA	1357Z	10 Sep 2014	1.0	m
ANTSIANITIA	1359Z	10 Sep 2014	0.6	m
VANGAINDRANO	1419Z	10 Sep 2014	1.0	m
MANANTENINA	1429Z	10 Sep 2014	0.7	m
ANTSIRANANA	1456Z	10 Sep 2014	0.8	m
SAMPONA	1457Z	10 Sep 2014	0.6	m
ANTSIRANANA	1502Z	10 Sep 2014	0.5	m
TRANOVAHO	1540Z	10 Sep 2014	0.6	m
TOLANARO	1608Z	10 Sep 2014	0.7	m
LAVANONO	2012Z	10 Sep 2014	0.6	m
ANTSIANITIA	2015Z	10 Sep 2014	0.5	m
AMBENJA	2024Z	10 Sep 2014	0.7	m
MALDIVES				
---				
KULHUDHUFFUSHI	0912Z	10 Sep 2014	2.2	m
GOIDHOO	0916Z	10 Sep 2014	3.2	m
FERIDHOO	0931Z	10 Sep 2014	4.0	m
NILANDHOO	0941Z	10 Sep 2014	2.5	m
DHIYAMIGILI	0948Z	10 Sep 2014	2.0	m
MALE	0950Z	10 Sep 2014	2.6	m
THINADHOO	1003Z	10 Sep 2014	2.5	m
KOLHUFUSHI	1005Z	10 Sep 2014	1.9	m
HITHADHOO	1014Z	10 Sep 2014	2.3	m
MAURITIUS				
---				
AGALEGA ISLAND	1144Z	10 Sep 2014	0.9	m
LA FERME	1305Z	10 Sep 2014	1.3	m



GRANDE REVIERE SUD EST	1309Z 10 Sep 2014	1.1 m
CARGADOS CARAJOS	1312Z 10 Sep 2014	1.1 m
MOZAMBIQUE		
---		
MADANGWA	1222Z 10 Sep 2014	1.2 m
MAGANJA	1224Z 10 Sep 2014	1.1 m
MERONVI	1227Z 10 Sep 2014	0.9 m
TAVARI	1238Z 10 Sep 2014	0.7 m
MURREBUE	1245Z 10 Sep 2014	0.9 m
QUITERAJO	1251Z 10 Sep 2014	0.6 m
LURIO	1252Z 10 Sep 2014	0.9 m
MINHAUINE	1257Z 10 Sep 2014	0.7 m
CALAJULO	1306Z 10 Sep 2014	0.7 m
MOGINCUAL	1314Z 10 Sep 2014	0.8 m
MAGUEMBA	1818Z 10 Sep 2014	0.6 m
NATIQUEINDE	2033Z 10 Sep 2014	0.5 m
OMAN		
---		
MUSCAT	0610Z 10 Sep 2014	8.6 m
FINS	0614Z 10 Sep 2014	12.4 m
AL JAWABI	0615Z 10 Sep 2014	11.7 m
AS SIB	0620Z 10 Sep 2014	7.7 m
TAWI BEDI GUISH	0633Z 10 Sep 2014	7.8 m
AL ASHKHAKHARAH	0636Z 10 Sep 2014	6.6 m
LIWA	0640Z 10 Sep 2014	6.2 m
MASIRAH	0650Z 10 Sep 2014	3.5 m
GHALAT	0653Z 10 Sep 2014	4.8 m
MANADHIF	0701Z 10 Sep 2014	3.3 m
KUMZAR	0711Z 10 Sep 2014	6.4 m
QUIRAN	0716Z 10 Sep 2014	3.9 m
SHUWAYR	0729Z 10 Sep 2014	3.2 m
KURIA MURIA ISLAND	0733Z 10 Sep 2014	3.0 m
KURIA MURIA ISLAND	0737Z 10 Sep 2014	2.7 m
MIRBAT	0745Z 10 Sep 2014	2.2 m
MIRBAT	0750Z 10 Sep 2014	2.7 m
QUIRAN	0756Z 10 Sep 2014	3.3 m
SALALAH	0759Z 10 Sep 2014	2.7 m
AL SAADA SPORTS COMPLEX	0809Z 10 Sep 2014	2.4 m
PAKISTAN		
---		
PASNI	0601Z 10 Sep 2014	13.6 m
ORMARA	0601Z 10 Sep 2014	12.8 m
JIWANI	0601Z 10 Sep 2014	12.5 m
BAGAR	0601Z 10 Sep 2014	12.0 m
KUND MALIR BEACH- MAKRAN HIGHWAY	0616Z 10 Sep 2014	7.3 m
WINDER	0635Z 10 Sep 2014	6.0 m
KARACHI	0637Z 10 Sep 2014	7.3 m
SINDH	0704Z 10 Sep 2014	4.7 m
REUNION		
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SAINT - JOSEPH	1313Z 10 Sep 2014	1.2 m
SEYCHELLES		
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TAKAMAKA	1033Z 10 Sep 2014	2.3 m
REMIRE ISLAND	1047Z 10 Sep 2014	1.9 m
ILE DESROCHES	1059Z 10 Sep 2014	1.5 m
ALPHONSE ISLAND	1101Z 10 Sep 2014	1.3 m
PLATTE ISLAND	1110Z 10 Sep 2014	1.2 m
COETIVY ISLAND	1112Z 10 Sep 2014	1.5 m

FREGATE ISLAND	1117Z 10 Sep 2014	1.9 m
ASTOVE ISLAND	1132Z 10 Sep 2014	1.2 m
ALDABRA	1135Z 10 Sep 2014	1.1 m
SOMALIA		
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CAPE GUARDAFUI	0905Z 10 Sep 2014	2.4 m
HAFUN	0910Z 10 Sep 2014	2.4 m
ABO	0912Z 10 Sep 2014	2.2 m
TOOXIN	0914Z 10 Sep 2014	2.7 m
DARIMOH	0919Z 10 Sep 2014	1.7 m
QANDALA	0919Z 10 Sep 2014	1.6 m
BANDARBAYLA	0920Z 10 Sep 2014	1.7 m
HAFUN	0922Z 10 Sep 2014	3.2 m
HADAAFTIMO	0928Z 10 Sep 2014	2.1 m
BOSASO	0932Z 10 Sep 2014	2.3 m
HURDYO	0933Z 10 Sep 2014	3.1 m
EYL	0933Z 10 Sep 2014	2.3 m
JARIIBAN	0941Z 10 Sep 2014	2.4 m
JARIIBAN	0944Z 10 Sep 2014	2.5 m
GALGALA	0946Z 10 Sep 2014	1.8 m
SOUTHERN HOBYO	0950Z 10 Sep 2014	2.1 m
NORTHERN HOBYO	0951Z 10 Sep 2014	1.6 m
MAYDH	0955Z 10 Sep 2014	1.8 m
KABURA	1002Z 10 Sep 2014	2.2 m
XARARDHEERE	1012Z 10 Sep 2014	2.0 m
CEEL DHEER	1020Z 10 Sep 2014	2.2 m
BERBERA	1023Z 10 Sep 2014	2.1 m
ANTERAL	1024Z 10 Sep 2014	0.9 m
MAREEG	1026Z 10 Sep 2014	1.3 m
CEELBUUR	1027Z 10 Sep 2014	1.9 m
ITALA	1029Z 10 Sep 2014	1.1 m
UARSCIECH	1036Z 10 Sep 2014	1.3 m
BAKI	1038Z 10 Sep 2014	2.4 m
SAYLAC	1042Z 10 Sep 2014	2.6 m
MUQDISHO	1045Z 10 Sep 2014	1.0 m
BEYNAX BARRE	1055Z 10 Sep 2014	1.1 m
BARAAWE	1058Z 10 Sep 2014	1.1 m
JILIB	1103Z 10 Sep 2014	1.7 m
SAYLAC	1107Z 10 Sep 2014	1.7 m
TURDHO	1113Z 10 Sep 2014	0.9 m
KISMAAYO	1123Z 10 Sep 2014	1.2 m
KAAMBOONI	1126Z 10 Sep 2014	1.1 m
NE BEERNAASI	1129Z 10 Sep 2014	1.1 m
SRI LANKA		
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NEGOMBO	1036Z 10 Sep 2014	1.1 m
HIKKADUWA	1037Z 10 Sep 2014	1.2 m
COLOMBO	1037Z 10 Sep 2014	0.9 m
MUNDAL LAKE	1049Z 10 Sep 2014	1.4 m
MATARA	1057Z 10 Sep 2014	0.8 m
MANNAR ISLAND	1058Z 10 Sep 2014	1.1 m
YALA	1109Z 10 Sep 2014	0.7 m
POTTUVIL	1530Z 10 Sep 2014	0.7 m
TANZANIA		
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VUMBA	1200Z 10 Sep 2014	1.2 m
ZANZIBAR	1213Z 10 Sep 2014	1.6 m
KUTANI	1218Z 10 Sep 2014	1.3 m
JIMBO	1220Z 10 Sep 2014	1.2 m
GAZIJA	1221Z 10 Sep 2014	0.9 m
MSASANI	1223Z 10 Sep 2014	1.0 m

SONGO MNARA	1223Z 10 Sep 2014	0.9 m
BOMALANDNI	1224Z 10 Sep 2014	1.4 m
RUVU	1225Z 10 Sep 2014	1.1 m
SONGO SONGO ISLAND	1226Z 10 Sep 2014	2.4 m
JAJA	1230Z 10 Sep 2014	0.9 m
VUMBI	1242Z 10 Sep 2014	1.0 m

#### UNITED ARAB EMIRATES

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KALBA	0702Z 10 Sep 2014	7.3 m
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#### YEMEN

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SOCOTRA ISLAND SOUTH	0821Z 10 Sep 2014	3.1 m
AL GHAYDAH AIRPORT	0824Z 10 Sep 2014	3.2 m
HUSWAYN	0834Z 10 Sep 2014	2.9 m
SOCOTRA ISLAND NORTH	0836Z 10 Sep 2014	2.2 m
SOCOTRA ISLAND WEST	0842Z 10 Sep 2014	2.8 m
ITAB	0849Z 10 Sep 2014	2.2 m
AL QUMRAH	0902Z 10 Sep 2014	2.6 m
HAMI	0905Z 10 Sep 2014	2.0 m
AL MUKALLA	0920Z 10 Sep 2014	2.1 m
BROM MAYFA	0922Z 10 Sep 2014	1.4 m
YEMEN	0930Z 10 Sep 2014	1.9 m
HISN BALID	0946Z 10 Sep 2014	1.4 m
AHWAR	0951Z 10 Sep 2014	1.7 m
KHANFAR	1003Z 10 Sep 2014	2.0 m
BIR JABIR	1015Z 10 Sep 2014	2.7 m
ADEN	1024Z 10 Sep 2014	2.0 m
QAWAH	1048Z 10 Sep 2014	1.9 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](mailto:tsunami@incois.gov.in)  
 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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#  
#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT  
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#   TEST TEST TEST - EXERCISE IOWAVE14 - NOT A REAL TSUNAMI EVENT
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This information requires expert interpretation and is intended as guidance for NTWCs only and NOT for public use

RTSP-INDIA-20140910-0600-015 (TYPE - IV)

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TEST BULLETIN 15  
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REGIONAL TSUNAMI ADVISORY SERVICE PROVIDER - RTSP INDIA (ITEWC)

issued at: 1800 UTC Wednesday 10 September 2014  
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... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

#### 1. EARTHQUAKE INFORMATION (Revised)

\*\*\* THIS IS INDIAN OCEAN TSUNAMI DRILL IOWAVE14 \*\*\*

\*\*\* THIS IS NOT A REAL TSUNAMI EVENT \*\*\*

RTSP INDIA issuing TEST earthquake with the following TEST parameters:

Magnitude: 9.0 M (Great)  
Depth: 10 km  
Date: 10 Sep 2014  
Origin Time: 0600 UTC  
Latitude: 24.8 N  
Longitude: 62.2 E  
Location: Off Coast of Pakistan

#### 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.

Jask (Iran)	25.6N	57.8E	0614Z 10 Sep 2014	7.2m
Chabahar (Iran)	25.3N	60.6E	0641Z 10 Sep 2014	13.1m
Karachi (Pakistan)	24.8N	67.0E	0642Z 10 Sep 2014	7.2m
Masirah (Oman)	20.7N	58.9E	0712Z 10 Sep 2014	4.7m
Salalah (Oman)	16.9N	54.0E	0817Z 10 Sep 2014	2.7m
Marmagao (India)	15.4N	73.8E	0900Z 10 Sep 2014	3.4m
Minicoy (India)	8.3N	73.1E	0912Z 10 Sep 2014	2.7m
Hanimadhoo (Maldiv Islands)	6.8N	73.2E	0935Z 10 Sep 2014	2.2m
Cochin (India)	10.0N	76.3E	0953Z 10 Sep 2014	2.6m

Male (Maldiv Islands)	4.2N	73.5E	1006Z	10 Sep 2014	2.5m
Gan (Maldiv Islands)	0.7S	73.2E	1023Z	10 Sep 2014	2.2m
Aden (Yemen)	12.8N	45.0E	1024Z	10 Sep 2014	1.9m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z	10 Sep 2014	1.0m
Colombo (Sri Lanka)	7.0N	79.8E	1042Z	10 Sep 2014	1.0m
Denis Island (Seychelles)	3.8S	55.7E	1122Z	10 Sep 2014	1.8m
Agalega (Mauritius)	10.3S	56.6E	1155Z	10 Sep 2014	0.9m
Lamu (Kenya)	2.3S	40.9E	1201Z	10 Sep 2014	1.0m
Mombasa (Kenya)	4.1S	39.6E	1212Z	10 Sep 2014	1.0m
Mtwara (Tanzania)	10.3S	40.2E	1231Z	10 Sep 2014	1.1m
Zanzibar (Tanzania)	6.2S	39.2E	1244Z	10 Sep 2014	1.5m
Pemba (Moçambique)	13.0S	40.5E	1304Z	10 Sep 2014	0.9m
Vizag (India)	17.7N	83.3E	1313Z	10 Sep 2014	0.2m
Rodrigues (Mauritius)	19.7S	63.4E	1314Z	10 Sep 2014	1.3m
Pt.Louis (Mauritius)	20.2S	57.5E	1316Z	10 Sep 2014	1.0m
Cocos Island (Australia)	12.1S	96.9E	1400Z	10 Sep 2014	0.7m
Seblat (Indonesia)	3.2S	101.6E	1423Z	10 Sep 2014	0.7m
Sittwe (Myanmar)	20.1N	92.9E	1430Z	10 Sep 2014	0.3m
Christmas Island (Australia)	10.4S	105.7E	1456Z	10 Sep 2014	0.6m
Cilacap (Indonesia)	7.8S	109.0E	1536Z	10 Sep 2014	0.5m
Sadeng (Indonesia)	8.2S	110.8E	1549Z	10 Sep 2014	0.5m
Prigi (Indonesia)	8.3S	111.7E	1554Z	10 Sep 2014	0.5m
PtMurat (Australia)	21.8S	114.2E	1645Z	10 Sep 2014	0.6m

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#### 5. UPDATES

No further bulletins will be issued by RTSP INDIA for this event unless additional information becomes available.

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 Email: [tsunami@incois.gov.in](mailto:tsunami@incois.gov.in)  
 Website: [www.incois.gov.in](http://www.incois.gov.in)

END OF TEST BULLETIN

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